



WHO Global Report

Mortality Attributable to Tobacco

WHO Library Cataloguing-in-Publication Data

WHO global report: mortality attributable to tobacco.

1.Smoking - mortality. 2.Tobacco use disorder - mortality. 3.Data interpretation, Statistical.
I.World Health Organization.

ISBN 978 92 4 156443 4

(NLM classification: WM 290)

© World Health Organization 2012

All rights reserved. Publications of the World Health Organization are available on [the WHO web site \(www.who.int\)](http://www.who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int).

Requests for permission to reproduce or translate WHO publications – whether for sale or for noncommercial distribution – should be [addressed to WHO Press through the WHO web site \(http://www.who.int/about/licensing/copyright_form/en/index.html\)](http://www.who.int/about/licensing/copyright_form/en/index.html).

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

WHO Global Report

**Mortality Attributable
to Tobacco**

TABLE OF CONTENTS

Acknowledgements

Foreword

Introduction

Technical Note

Findings

Global datasheet

Regional datasheets

Country datasheets (in ascending order)

References

ACKNOWLEDGEMENTS

The following (in alphabetical order) contributed to the analysis, writing and compilation of this report: Colin Mathers, Gretchen Stevens, Edouard Tursan d'Espaignet and Luke Wolfenden (Volunteer scholar from University of Newcastle, Australia).

Other technical contributions to the report were also made by Douglas Bettcher, and also (in alphabetical order by) Laura Bailey (Volunteer scholar from Australia), Lubna Bhatti, Adriana Blanco, Roberta Caixeta, Barbara Campanini, Alison Commar, Fatimah El Awa, Heba Fouad, Gauri Khanna, Rula Khoury, Nyo Nyo Kyaing, Doris Ma Fat, Kristina Mauer-Stender, Susan Mercado, Ezra Ogwell Ouma, Sameer Pujari, Nivo Ramanandraibe, James Rarick, Kerstin Schotte and Dhirendra Sinha.

Administrative support was provided by Carolyn Patten and Elizabeth Tecson.

FOREWORD

A stated aim of WHO's Tobacco Free Initiative is to reduce morbidity and mortality associated with tobacco use and exposure to tobacco smoke. This report provides information that will assist countries assess the mortality outcomes of tobacco use as well as efforts to control the tobacco epidemic in their populations. The information provided in this report is an extension of the global level information provided in the 2008 WHO report entitled "*Global Health Risks: Mortality and burden of disease attributable to selected major risks*". Using mortality data for 2004, that report estimated that over five million people die each year from a cause that can be attributed to tobacco. Following the release of that report, some Member States requested WHO to consider generating estimates that could provide them with an indication of progress in their quest to counter the tobacco epidemic. This report provides for the first time estimates on the mortality attributable to tobacco for both high income as well for low and middle income countries for 2004, the year preceding the entry into force of the WHO Framework Convention on Tobacco Control.

The report covers the mortality effects of direct use of smoking and smokeless tobacco among adults aged 30 years and over. It provides information on mortality from both communicable and non-communicable diseases. Although many people associate tobacco with non-communicable diseases such as cancers, heart and respiratory diseases, tobacco is also a major cause of death for communicable diseases – tuberculosis being a case in point where the disease is at times in a latent or dormant state until activated by tobacco use, triggering significant ill-health, disability and death.

The information provided in this report is conservative and does not include deaths from secondhand smoke which has been shown by WHO to cause the death of some 600,000 persons world-wide. It also does not include deaths to infants, children and young adults.

Tobacco is the leading behavioural risk factor causing a substantially large number of potentially preventable deaths worldwide. The five million deaths translate to an incredible statistic: one death every six seconds. Unless strong actions are taken to halt the tobacco epidemic, 1,000,000,000 people are projected to die this century - we cannot let this happen. I urge all countries to implement fully the WHO Framework Convention on Tobacco Control.

Dr Ala Alwan
Assistant Director-General
Noncommunicable Diseases and Mental Health
December 2011

INTRODUCTION

The burden of tobacco use

Tobacco is the only legal drug that kills many of its users when used exactly as intended by manufacturers. Direct tobacco smoking is currently responsible for the death of about 5 million people (1) across the world each year with many of these deaths occurring prematurely. An additional 600,000 people are also estimated to die from the effects of second-hand smoke (2). Tobacco kills more than tuberculosis, human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS) and malaria combined. In the next two decades, the annual death toll from tobacco is expected to rise to over 8 million, with more than 80% of those deaths projected to occur in low- and middle-income countries (1). If effective measures are not urgently taken, tobacco could, in the 21st century, kill over 1 billion people (3).

Although often associated with ill-health, disability and death from noncommunicable chronic diseases, tobacco smoking is also associated with an increased risk of death from communicable diseases. Exposure to tobacco smoking negatively impacts on health across the life-course. Examples include increased rates of stillbirth and selected congenital malformations during fetal life, death attributed to the sudden infant death syndrome in infancy, disability from respiratory diseases in childhood and adolescence and young adulthood. The negative impact of tobacco use becomes particularly important from about age 30 and includes increased rates of cardiovascular death (ischemic heart disease and stroke) in relatively young middle-aged adults, higher rates of cancers (especially lung cancer) particularly later in life, as well as death associated with diseases of the respiratory system and communicable diseases such as tuberculosis and infection of the lower respiratory tract.

The adverse repercussions of tobacco use and exposure extend well beyond the health risks to individuals. For families, communities and governments, tobacco use and exposure to second-hand smoke represent a significant social and economic handicap, but also importantly constitute a major risk factor in a looming epidemic of noncommunicable diseases that threatens to undo many of the global health gains achieved with difficulty over the past 50 years.

Tobacco use contributes to family poverty cycles whereby money spent on tobacco can consume a substantial proportion of total household income. Tobacco expenditure thus displaces other goods and services important for health and well-being (such as healthy nutrition or education for children), reduces the prospects of future family prosperity, and results in debilitating diseases and conditions with high medical costs. The social dislocation involved in caring for people suffering from such diseases represents a considerable burden for families and communities, who must also cope following the loss of loved ones and valued community members due to tobacco. For governments, significant expenditure on health care to treat tobacco-related diseases and reduced national productivity due to premature death or disability limit government capital for investment in other public services or infrastructure to serve the public good.

Use of tobacco among adults in developing countries is increasing and has now surpassed that of industrialized countries where prevalence of tobacco use has begun to decline. Globally, rates of tobacco use

and tobacco-attributable mortality are higher in men than women. In many low-income countries, tobacco is almost exclusively used by males. Of concern, however, are the accelerating rates of tobacco use among women. If such trends continue, global increases in deaths due to tobacco will largely be driven by women's increasing use of tobacco products.

The WHO Framework Convention on Tobacco Control

To address the global burden of tobacco, the World Health Assembly in 2003 unanimously adopted the World Health Organization Framework Convention on Tobacco Control (WHO FCTC) (4). In force since 2005, the main objective of the WHO FCTC is to protect present and future generations from the devastating health, social, environmental and economic consequences of tobacco consumption and exposure. Ratified by over 174 countries as at December 2011, the WHO FCTC currently covers about 90% of the world's population. It is a legally binding treaty which commits Parties to the Convention to develop and implement a series of evidence-based tobacco control measures to regulate tobacco industry marketing activities and sales reach, reduce the demand for tobacco, and provide agricultural alternatives for those involved in growing and producing tobacco.

To assist countries fulfil part of their WHO FCTC obligations, in 2008 WHO introduced a package of six evidence-based tobacco control measures that are proven to reduce tobacco use. These measures known as the MPOWER package measures reflect one or more provisions of the WHO FCTC. MPOWER refers to

M: Monitoring tobacco use and prevention policies

P: Protecting people from tobacco smoke

O: Offering help to quit tobacco use

W: Warning about the dangers of tobacco

E: Enforcing bans on tobacco advertising, promotion and sponsorship, and

R: Raising taxes on tobacco

Surveillance of global mortality attributable to tobacco

Ever since seminal work in the 1950s (5–8), there has been substantial interest in measuring the impact of tobacco use on health outcomes at the population level. Article 20 of the WHO FCTC requires Parties to adopt standard methods of data collection to measure the magnitude, patterns, determinants and consequences of tobacco consumption and exposure to tobacco smoke (4).

Information on adult tobacco use and exposure have been collected globally through various risk factor surveys. These include both WHO led surveys conducted mostly in low and middle income countries, as well as other national surveys fully funded by countries directly. The WHO surveys include the WHO STEPwise surveys, the WHO World Health Surveys, the WHO CINDI surveys and the Global Adult Tobacco Surveys. Although these surveys are often internally standardized, there are substantial differences between them. To

enhance comparability across surveys, WHO, together with the US Centers for Disease Control and Prevention have developed a set of core tobacco indicators and associated questions for inclusion in national and other surveys that collect tobacco data (9).

WHO is now aiming to expand on its prevalence work with Member States to monitor regularly mortality and other outcomes associated with use of, and exposure to tobacco. The availability of these data and future updates will add to the capacity of Member States to monitor and evaluate better the impact of their tobacco control strategies. The information provided in this first report focuses on the Year 2004 – a year chosen to provide baseline data for the year immediately prior to the adoption of the WHO FCTC.

Contents of the report

In 2009, WHO published “*Global Health Risks: Mortality and burden of disease attributable to selected major risks*” (10). This report builds on the global estimates provided in that report and provides information by country on the proportion of adult (age 30 years and above) deaths attributable to tobacco by major communicable and non-communicable causes by age and sex. Although the report provides data to age 80 years and over, the age groups 30-44, 45-59, 60-69 together with the summary total will be of particular interest to most low and middle income countries whilst many high income countries, especially those with a relatively aging population may also want to examine changes in the higher age groups (70 and above).

The report contains country specific estimates including death rates attributable to tobacco (per 100,000) and proportion of deaths attributable to tobacco (%). The estimates are organized by global, WHO regions and countries (in alphabetical order). Some countries are not included - the most common reason being that the data for some of these were still under review at the time of printing.

TECHNICAL NOTE

Estimating mortality attributable to tobacco: the Population Attributable Fraction method

The Population Attributable Fraction (PAF) method is defined as the proportion of deaths that may be attributed to exposure to tobacco (or any other risk factor). Alternatively, the PAF can also be thought of as the proportional reduction in population disease or mortality that would occur if nobody were exposed to tobacco. Only three pieces of information are required to enable the calculation of mortality attributable to tobacco use using the PAF method:

1. the prevalence of tobacco use;
2. the risk of death related to specific causes among tobacco users compared with the risk of death of these same causes among non-users; and
3. Vital statistics information on the number of deaths in a population by cause of death, age at death, and sex of the deceased.

The population attributable fraction (PAF) formula is made up of two factors: (i) the prevalence (P) of tobacco use in the population in question; and (ii) the relative risk (RR) of developing a disease among those who smoke tobacco or consume smokeless tobacco compared with those who do not use tobacco.

$$PAF = \frac{P(RR - 1)}{[P(RR - 1) + 1]}$$

The PAF can range from zero to one. It can only take the value zero when either the relative risk is exactly equal to 1 or prevalence of tobacco use is zero (i.e. nobody uses tobacco). Else, the higher the prevalence (P) the higher the PAF as long as RR is not equal to 1, and conversely the higher the measure of relative risk (RR), the higher the PAF as long as prevalence of tobacco use is not zero.

Multiplying the number of cause-specific deaths by the PAF results in the number of deaths attributable to tobacco smoking:

A proxy for prevalence (p): the Smoking Impact Ratio (SIR) method

The prevalence (P) of tobacco use measures the proportion of people in a population who use tobacco. The dual absence of data on prevalence and history of tobacco use at the same point time in many countries, however, make it difficult to estimate tobacco-attributable deaths for any one particular year. To get around this problem, WHO has adapted a method devised by Peto et al. (11) to derive a proxy for prevalence in the PAF formula. This method, known as the smoking impact ratio (SIR) method, makes use of the number of lung cancer deaths by age and sex as the starting point for the calculation. According to Peto et al., lung cancer deaths not only reflect the cumulative impact of tobacco use over time, but also contribute to informing on death from other causes.

Peto et al. (11) used data from a well-conducted cancer prevention study in the United States of America (CPS-II study) to calculate lung cancer death rates for smokers (S_{LC}^*) and never smokers (N_{LC}^*) in that study. They then used these rates as a reference to estimate the Smoking Impact Ratio for various causes of death for other countries.

Table 1. **Mortality rate due to Lung cancer by smoking status in the CPSII reference population**

| Age group (years) | Smokers | | Never Smokers | |
|----------------------|---------|-------|---------------|-------|
| | Men | Women | Men | Women |
| 30-44 | 8.9 | 9.4 | 1.7 | 1.6 |
| 45-59 | 124.0 | 81.6 | 7.1 | 6.8 |
| 60-69 | 496.6 | 246.6 | 17.3 | 16.6 |
| 70-79 | 985.5 | 375.3 | 31.0 | 29.8 |
| 80+ | 1183.5 | 409.7 | 42.3 | 40.3 |

Note: Rates expressed per 100,000 population

Using lung cancer death data from another country, Peto *et al.* (11) estimated the excess mortality from lung cancer in smokers in that country's population relative to the excess mortality in smokers in the reference population (CPSII). This relative excess mortality SIR can be expressed as:

$$SIR = \frac{C_{LC} - N_{LC}}{S_{LC}^* - N_{LC}^*}$$

where C_{LC} and N_{LC} are lung cancer rates in the population and in never smokers in a country's population; S_{LC}^* and N_{LC}^* are the lung cancer rates in smokers and never smokers of the reference population.

Since lung cancer in non-smokers is rare and large studies are needed to determine accurately non-smoker lung cancer mortality rates, Peto et al. (11) used the lung cancer rates of the CPS-II study population as proxy for the country's never smoker lung cancer rates (i.e. they assumed $N_{LC} = N_{LC}^*$).

A further adjustment was made to account for higher non-smoker lung cancer rates due to indoor smoke in China and India. This adjustment is described by Ezzati and Lopez (12):

$$SIR = \frac{C_{LC} - N_{LC}}{S_{LC}^* - N_{LC}^*} \times \frac{N_{LC}^*}{N_{LC}}$$

The resulting SIR estimate is then used instead of P in the PAF formula:

$$PAF = \frac{P(RR - 1)}{[P(RR - 1) + 1]} \longrightarrow PAF = \frac{SIR(RR - 1)}{[SIR(RR - 1) + 1]}$$

An additional adjustment was made for China and India to take into account

Relative risk for use in the PAF formula

The relative risk (RR) measures the risk of dying from a specific cause among those exposed to a factor relative to those not exposed to the same factor. If the risk of dying from a specific disease, when exposed to tobacco use, is equal to the risk among those not exposed to tobacco use, then the ratio of the two risks (RR) will be equal to one. If the risk is higher among those exposed then the relative risk will be greater than one.

Peto *et al.* (11) used tobacco associated relative risks from the CPS-II study for the estimation of the PAF. It is important to note that whilst they used the CPS-II findings as their reference base, the data from any other well-conducted cohort study with similar indicators could have been used. As the CPS-II relative risks were not adjusted for potential confounding factors, they realized that the level of the calculated risk may be biased and could in theory result in upwardly biased estimates of mortality attributable to tobacco. To minimize this potential source of bias, Peto and colleagues conservatively halved the excess mortality in smokers from all diseases other than lung cancer.

Table 2. Relative risks for various causes of death

| Tobacco related disease * | | Males | Females |
|---------------------------|---------------------------------------|------------------|------------------|
| 1 | Upper aerodigestive cancer | 8.1 | 6.0 |
| 2 | Stomach cancer | 2.2 | 1.5 |
| 3 | Liver cancer | 2.3 | 1.5 |
| 4 | Pancreas cancer | 2.2 | 2.2 |
| 5 | Cervix uteri cancer | - | 1.5 |
| 6 | Bladder cancer | 3.0 | 2.4 |
| 7 | Myeloid leukemia | 1.9 | 1.2 |
| 8 | Kidney and other urinary cancer | 2.5 | 1.5 |
| 9 | Ischaemic heart disease | | |
| | 30-44 years | 5.5 | 2.3 |
| | 45-59 | 3.0 | 3.8 |
| | 60-69 | 1.9 | 2.5 |
| | 70-79 | 1.4 | 1.7 |
| | 80 years & over | 1.1 | 1.4 |
| 10 | Stroke | | |
| | 30-44 years | 3.1 ^a | 4.6 |
| | 45-59 | 3.1 | 4.6 |
| | 60-69 | 1.9 | 2.8 |
| | 70-79 | 1.4 | 2.0 |
| | 80 years & over | 1.1 | 1.0 ^b |
| 11 | Hypertensive heart disease | 2.0 | 2.1 |
| 12 | Other cardiovascular diseases | 2.2 | 2.0 |
| 13 | Chronic obstructive pulmonary disease | 10.8 | 12.3 |
| 14 | Other respiratory diseases | 1.9 | 2.2 |
| 15 | Tuberculosis | 1.6 | 1.6 |

Notes: a - Estimate for 45-59 used for this age group

b - Set to 1 since a relative risk of less than 1 is implausible

To address the possible bias issue further, substantial additional work has been undertaken to adjust the original CPS-II relative risks. These adjusted relative risks have been used to produce the deaths

attributable to tobacco provided at global level in the "*Global Health Risks: Mortality and burden of disease attributable to selected major risks*" (10), and at country level for this report (Table 2). Details of the adjustments are available in the "Data and Methods" section of the "*Global Health Risk*" report (10: page 37). In short, using the CPS-II data, Thun et al. (13) and Danaei et al. (14) produced new relative risks for tobacco after adjusting for a range of demographic and behavioural confounders for a variety of conditions. In addition, as the original CPS-II study did not address increased risks of tuberculosis from smoking and oral cancers from smokeless tobacco, WHO has taken these into account in producing the "*Global Health Risk*" and consequently this report. The impact of smokeless tobacco has been calculated for three countries with the largest number of oral tobacco users: Bangladesh, India and Pakistan. Finally, the analysis also adjusted for the effect of indoor smoke from solid fuels – an issue of considerable importance for countries such as China.

Quality of vital statistics on cause of death and age and sex of deceased

As already stated, the number and proportion of deaths attributable to tobacco requires information on the number of deaths by age, sex and cause as well information on the size of the population by age and sex for each country. The accurate reporting of the cause of death has been a known challenge for a considerable amount of time for many countries.

Raw mortality data of varying quality and completeness are provided to WHO by its Member States, in some cases by a unit of the ministry of health or national statistics agencies, and in others by a special department dealing with vital statistics (such as births, deaths, marriages and divorces). Information on the smoking status of the deceased is not necessary for these estimations, and is almost always unknown in nearly all countries.

The basic data used in the estimates presented in this report are the same as those used for the production of the WHO reports entitled "*The global burden of disease 2004 update*" (15) and the "*Global Health Risks: Mortality and burden of disease attributable to selected major risks*" (10). For the reports, death registration data containing complete information on cause of death distributions were available for 76 countries, and a further 34 countries registered incomplete but nonetheless usable information. Countries were divided into those with excellent vital registration and generally minimal modelling, those that required medium-level modelling and the remainder for whom data had to be substantially modelled for the analysis. Details of the actual sources of information for each country as well as the modelling necessary to produce mortality estimates for most countries have already been published and are available in Annexes B and C of "*The global burden of disease 2004 update*" (15).

To assist countries in the classification of deaths to allow for meaningful and valid comparison groupings, WHO has developed the International Classification of Diseases (ICD), which it encourages countries to use (16). The data presented in this report make use of the ICD classified data provided to WHO by countries.

Table 3: List of causes of death and related ICD-10 Codes

| Cause of death | ICD-10 code |
|---|---|
| Communicable, maternal, perinatal and nutritional conditions | A00-B99, G00-G04, N70-N73, J00-J06, J10-J18, J20-J22, H65-H66, O00-O99, P00-P96, E00-E02, E40-E46, E50, D50-D53, D64.9, E51-64 |
| Tuberculosis | A15-A19, B90 |
| Lower respiratory infections | J10-J18, J20-J22 |
| Noncommunicable diseases | C00-C97, D00-D48, D55-D64 (minus D 64.9), D65-D89, E03-E07, E10-E16, E20-E34, E65-E88, F01-F99, G06-G98, H00-H61, H68-H93, I00-I99, J30-J98, K00-K92, N00-N64, N75-N98, L00-L98, M00-M99, Q00-Q99 |
| Malignant neoplasms | |
| Trachea, bronchus and lung cancers | C33-C34 |
| All other neoplasms | All of C00-C97 minus C33-C34 |
| Cardiovascular diseases | |
| Ischaemic heart disease | I20-I25 |
| Cerebrovascular disease | I60-I69 |
| All other cardiovascular diseases | I00-I99 minus (I20-I25 and I60-I69) |
| Respiratory diseases | J30-J98 |
| Chronic obstructive pulmonary disease | J40-J44 |
| All other respiratory diseases | J30-J98 minus J40-J44 |

The present WHO global report on mortality attributable to tobacco provides information for both communicable (tuberculosis and lower respiratory infections) and non-communicable causes (malignant neoplasms, cardiovascular diseases and respiratory diseases). The ICD-10 codes related to these diseases are listed in table 3. Deaths from external causes (e.g. fires) have not been included in the analyses for this report.

Population data by age and sex

Population data for each country for the Year 2004 by age and sex (2006 Revision) were sourced from the United Nations Statistics Division. The 2006 Revision of these data were used to ensure consistency with *The global burden of disease 2004 update* (15).

Illustration of the PAF formula

Using tobacco smoking as an illustration, if the risk of dying from a disease among smokers was 20% and the risk of dying from the same disease among non-smokers was 4%, then the relative risk would be $20\% \div 4\% = 5$, i.e. the risk of dying from that specific disease among smokers is five times higher than among non-smokers. If the SIR for that population was say 30%, then the PAF would be given by:

$$PAF = \frac{0.30 \times (5 - 1)}{((0.30 \times (5 - 1)) + 1)}$$

yielding a PAF value of 0.55. Multiplying the total number of deaths from that cause by the PAF gives the number of deaths that can be attributed to tobacco use among them. It is important to note that information on the smoking status of each deceased person is not necessary for the calculation, which needs only the estimation of SIR and the relative risk of death from a specific disease that is caused by tobacco.

To estimate the number of tobacco-attributable deaths for a particular cause, population attributable fractions (PAF) for each country-age-sex group can be national mortality statistics, by age and sex, to estimate tobacco-attributable deaths for each category.

Example of calculation of number and proportion of deaths attributable to tobacco using PAF/SIR method

The example in Table 4 below works through the methods described above and shows how to calculate tobacco-attributable deaths in country X using hypothetical data in males.

Table 4. Example of calculation of number, proportion and rate of deaths attributable to tobacco (Part 1)

| Age group (years) | Population size of Country X | Number of lung cancer deaths for Country X | Country X lung cancer death rates | Lung cancer mortality rates in Reference Population | | SIR | Cause A relative risk of death from tobacco use | Population Attributable Fraction for cause A for Country X |
|-------------------|------------------------------|--|-----------------------------------|---|--------------|---------------------|---|--|
| | | | | Current Smoker | Never Smoker | | | |
| | (1) | (2) | (3)= (2)/(1) | (4) | (5) | (6)= (3-5)/(4-5) | (7) | (8)= (6*(7-1))/(6*(7-1)+1) |
| 30-44 | 3,650,000 | 150 | 4.1 | 10 | 2 | 0.26 | 5.5 | 0.5427 |
| 45-59 | 2750000 | 1600 | 58.2 | 120 | 7 | 0.45 | 3.0 | 0.4753 |
| 60-69 | 1200000 | 2200 | 183.3 | 500 | 17 | 0.34 | 1.9 | 0.2366 |
| 70-79 | 750000 | 2000 | 266.7 | 1000 | 30 | 0.24 | 1.4 | 0.0889 |
| 80+ | 275000 | 700 | 254.5 | 1200 | 46 | 0.18 | 1.1 | 0.0178 |
| Total | 8,625,000 | 6650 | 77.1 | | | | | |

Table 4. Example of calculation of number, proportion and rate of deaths attributable to tobacco (Part2)

| Age group (years) | Population Attributable Fraction for cause A for Country X | Number of Cause A deaths as per Vital Registration or modeled | Number of cause A deaths attributed to tobacco for Country X | Age specific death rate for all cause A deaths | Age specific death rate for cause A attributable to tobacco |
|-------------------|--|---|--|--|---|
| | (8)= (6*(7-1))/(6*(7-1)+1) | (9) | (10) = (2) * (8) | (11) = (9) / (1) | (12) = (10) / (1) |
| 30-44 | 0.5427 | 450 | 244.2 | 12 | 7 |
| 45-59 | 0.4753 | 4000 | 1901.2 | 145 | 69 |
| 60-69 | 0.2366 | 5000 | 1183.0 | 417 | 99 |
| 70-79 | 0.0889 | 7250 | 644.6 | 967 | 86 |
| 80+ | 0.0178 | 4500 | 79.9 | 1636 | 29 |
| Total | | 21200 | 4053.0 | 246 | 47 |

Note: All rates expressed per 100,000 population

Columns 1 and 2 provide population size and the number of deaths from lung cancer in broad age intervals for males in Country X.

Column 3 provides an estimate of age-specific lung cancer death rates, calculated by dividing the number of lung cancer deaths by the population at each age.

Columns 4 and 5 provide an example of lung cancer mortality rates for current smokers and never smokers in a reference population. (In the absence of data on lung cancer rates in never smokers in Country X, it is

assumed that lung cancer mortality rates in never smokers in the reference population are the same as lung cancer rates in never smokers in Country X, i.e. $N_{LC}^* = N_{LC}$).

Column 6 presents the calculated smoking impact ratio (SIR) for Country X.

Column 7 presents the relative risks for Cause A deaths.

Column 8 provides estimates of the population attributable fractions for Cause A in Country X.

Column 9 provides the number of deaths from Cause A in Country X (either from the vital registration system of Country X or as a result of modelling by WHO).

Column 10 provides information on the number of Cause A deaths attributed to tobacco for Country X.

Columns 11 provides the age-specific death rate for all Cause A deaths for Country X.

Column 12 provides the age-specific death rate attributable to tobacco for Cause A for Country X.

FINDINGS

| WHO Region | Proportion of all deaths attributable to tobacco (%) | | |
|-----------------------------|--|-------|------------|
| | Men | Women | All adults |
| African | 5 | 1 | 3 |
| Americas | 17 | 15 | 16 |
| Eastern Mediteranean | 12 | 2 | 7 |
| European | 25 | 7 | 16 |
| South East Asian | 14 | 5 | 10 |
| Western Pacific | 14 | 11 | 13 |
| Global | 16 | 7 | 12 |

Globally 12% of all deaths among adults aged 30 years and over were attributed to tobacco.

In 2004, about 5 million adults aged 30 years and over died from direct tobacco use (smoking and smokeless) around the globe, that is one death approximately every six seconds.

The regions with the highest proportion of deaths attributable to tobacco are the Americas and the European regions where tobacco has been used for a longer period of time.

The proportion of mortality attributable to tobacco is higher among men than among women.

Globally, 5% of all deaths from communicable diseases, and 14% of all deaths non-communicable diseases among adults aged 30 years and over are attributable to tobacco.

Within communicable diseases, tobacco use is responsible for an estimated 7% of all deaths due to tuberculosis and 12% of deaths due to lower respiratory infections.

Within non-communicable diseases, tobacco use is responsible for 10% of all deaths from cardiovascular diseases, 22% of all cancer deaths, and 36% of all deaths from diseases of the respiratory system.

Globally, death from people who died from tobacco-related diseases of the cardiovascular system was more likely to occur among younger adults. Of those adults aged 30-44 years who died from ischemic heart disease, 38% of the deaths were attributable to tobacco.

71% of all lung cancer deaths are attributable to tobacco use.

42% of all chronic obstructive pulmonary disease are attributable to tobacco use.

The reliance of reliable data on lung cancer deaths as the starting point of estimating the SIR means is of paramount importance in the estimation of deaths attributable to tobacco not only for lung cancer but for a variety of other causes of death. Some countries with a relatively recent history of tobacco use (particularly manufactured cigarettes) may not yet exhibit substantial levels of lung cancer. By extension of the model, information on other causes of death would, as a consequence also be lacking, likely yielding an underestimate of the real levels of death attributable to tobacco, particularly but not exclusively among

women. This situation applies in several regions, including for example Solomon Islands, Sri Lanka, Mauritania and Haiti.

The results for China were also interesting with crude proportions of death attributable to tobacco being 12% for men and 11% for women. These levels appear to be very high when put in context of the published differential in men and women smoking rates in China (17, 18). There are, however, important differences between the patterns for men and women. The age-specific rates for men were about four times higher than those for women at ages 30-44 and 45-59, and 1.4 times higher for the age group 60-69 years. It is only at the very high ages (70 years and over) that the rate for women is higher than that for men. After adjusting for these different age-patterns (through the technique of age-standardisation), the male rate was 1.4 times that for women. Two additional factors could also account for the remaining closeness between the rates for men and women. Although this project did not include exposure to second-hand smoke, there is increasing evidence that SHS also contributes to the development of cancer. Given the very high rates of smoking among Chinese men, it is possible that these translate into high rates of secondhand exposure among Chinese women (particularly those in the highest age groups), and these could in turn have an excess impact on cancer rates among Chinese women. In addition, it is possible that the smoking rate among women in China is under-reported. A recent study in neighbouring South Korea reported some under-reporting in that country (19). Although there are cultural differences between China and Korea, the Korean result indicates that it may be desirable to explore the possibility of this also occurring in neighbouring China.

The issue of smokeless tobacco for Bangladesh, India and Pakistan is partly reflected in the substantial category of "All other neoplasms". Globally 12% of all deaths among adults aged 30 years and over in that category were attributable to tobacco compared with 16% in India, 17% in Pakistan and 31% in Bangladesh.

Some countries mostly those with adequate cause of death and tobacco use prevalence data produce tobacco attributable mortality estimates using estimates of tobacco use prevalence directly to estimate their PAFs. These methods produce estimates that may be somewhat different from those produced by the SIR method but are equally valid. Danaei et. al (20) have shown that the specific PAF method used by the United States (often referred to as the SAMMEC method) yields results that are essentially consistent with those produced by the PAF/SIR method. Examples of countries that have generated their own estimates using PAF methods for example include Brazil, Canada, France, Ireland and the United States.

A careful and detailed review of the PAF/SIR method by Khanna & Stevens (21) indicates that the method has been well received, applied and refined in a variety of reports and publications that have produced tobacco-related burden of disease estimates.

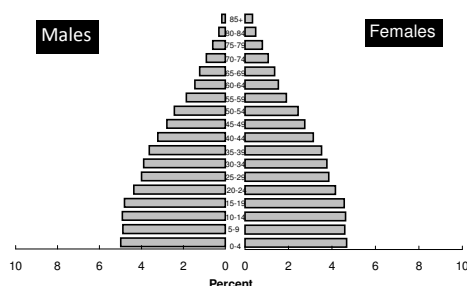
The incompleteness of the raw mortality data from many countries have limited their access to information of relatively adequate quality to enable them to inform their health policy and program development efforts. The modelling of the basic mortality data by WHO, especially those for many low and middle income countries, has permitted the production of indicative estimates of mortality attributable to tobacco reported in this document. Improvements in vital registration systems will enable the production of more precise estimates of tobacco attributable mortality, enabling WHO Member States in enhancing their tobacco control efforts.

GLOBAL

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------------|------------------|------------------|
| 0-29 | 1,795,664 | 1,701,288 | 3,496,952 |
| 30-44 | 689,611 | 670,666 | 1,360,277 |
| 45-59 | 454,973 | 455,679 | 910,652 |
| 60-69 | 171,266 | 186,019 | 357,286 |
| 70-79 | 96,013 | 120,504 | 216,517 |
| 80+ | 30,363 | 53,228 | 83,591 |
| Total | 3,237,891 | 3,187,384 | 6,425,275 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1136 per 100,000 population) was about 5 times that for communicable diseases (226 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 243 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 45 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (248 per 100,000 men aged 30 years and over) compared with women (103 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 7% for women.

- Among those who died prematurely, almost one in every 14 deaths among those aged 30-44 and one in 7 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 10.7% of those whose death was due to a lower respiratory infection, 24% of deaths due to the category of 'all cardiovascular diseases combined', and 64.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 382 | 880 | 2,304 | 5,188 | 12,806 | 1,482 |
| Death rate attributable to tobacco | 27 | 120 | 333 | 658 | 1,227 | 174 |
| Proportion of deaths attributable to tobacco (%) | 7 | 14 | 14 | 13 | 10 | 12 |
| Death rate: Communicable diseases | 154 | 163 | 269 | 485 | 1,235 | 226 |
| Death rate attributable to tobacco | 4 | 6 | 14 | 28 | 132 | 11 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 5 | 6 | 11 | 5 |
| Death rate: Tuberculosis | 27 | 39 | 60 | 66 | 58 | 39 |
| Death rate attributable to tobacco | 2 | 3 | 4 | 4 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 7 | 5 | 8 | 7 |
| Death rate: Lower respiratory infections | 12 | 26 | 112 | 253 | 805 | 69 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 24 | 126 | 8 |
| Proportion of deaths attributable to tobacco (%) | 11 | 11 | 9 | 9 | 16 | 12 |
| Death rate: Noncommunicable diseases | 132 | 605 | 1,905 | 4,520 | 11,212 | 1,136 |
| Death rate attributable to tobacco | 23 | 114 | 319 | 630 | 1,095 | 163 |
| Proportion of deaths attributable to tobacco (%) | 18 | 19 | 17 | 14 | 10 | 14 |
| Death rate: All malignant neoplasms | 34 | 177 | 498 | 938 | 1,547 | 245 |
| Death rate attributable to tobacco | 5 | 37 | 127 | 228 | 303 | 55 |
| Proportion of deaths attributable to tobacco (%) | 15 | 21 | 25 | 24 | 20 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 31 | 107 | 194 | 222 | 45 |
| Death rate attributable to tobacco | 2 | 20 | 77 | 146 | 168 | 32 |
| Proportion of deaths attributable to tobacco (%) | 47 | 65 | 72 | 75 | 76 | 71 |
| Death rate: All other malignant neoplasms | 31 | 146 | 391 | 743 | 1,325 | 200 |
| Death rate attributable to tobacco | 3 | 18 | 49 | 83 | 136 | 23 |
| Proportion of deaths attributable to tobacco (%) | 11 | 12 | 13 | 11 | 10 | 12 |
| Death rate: All Cardiovascular diseases | 47 | 251 | 904 | 2,358 | 6,510 | 570 |
| Death rate attributable to tobacco | 16 | 60 | 115 | 167 | 192 | 58 |
| Proportion of deaths attributable to tobacco (%) | 35 | 24 | 13 | 7 | 3 | 10 |
| Death rate: Ischaemic heart disease | 19 | 121 | 426 | 1,003 | 2,475 | 243 |
| Death rate attributable to tobacco | 7 | 32 | 58 | 71 | 95 | 28 |
| Proportion of deaths attributable to tobacco (%) | 38 | 26 | 14 | 7 | 4 | 12 |
| Death rate: Cerebrovascular disease | 11 | 74 | 307 | 858 | 2,226 | 193 |
| Death rate attributable to tobacco | 3 | 15 | 32 | 55 | 8 | 14 |
| Proportion of deaths attributable to tobacco (%) | 26 | 20 | 11 | 6 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 17 | 56 | 171 | 496 | 1,809 | 135 |
| Death rate attributable to tobacco | 6 | 14 | 25 | 41 | 89 | 16 |
| Proportion of deaths attributable to tobacco (%) | 37 | 25 | 14 | 8 | 5 | 12 |
| Death rate: Respiratory diseases | 9 | 54 | 219 | 595 | 1,464 | 134 |
| Death rate attributable to tobacco | 2 | 15 | 73 | 225 | 577 | 48 |
| Proportion of deaths attributable to tobacco (%) | 19 | 29 | 33 | 38 | 39 | 36 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 36 | 177 | 489 | 1,148 | 103 |
| Death rate attributable to tobacco | 1 | 14 | 68 | 212 | 526 | 44 |
| Proportion of deaths attributable to tobacco (%) | 39 | 37 | 39 | 43 | 46 | 42 |
| Death rate: Other respiratory diseases | 7 | 17 | 43 | 106 | 316 | 31 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 13 | 51 | 4 |
| Proportion of deaths attributable to tobacco (%) | 12 | 10 | 11 | 12 | 16 | 13 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 448 | 1,087 | 2,802 | 6,065 | 14,062 | 1,590 | 315 | 674 | 1,846 | 4,488 | 12,090 | 1,377 |
| Death rate attributable to tobacco | 45 | 202 | 544 | 946 | 1,651 | 248 | 8 | 38 | 138 | 428 | 986 | 103 |
| Proportion of deaths attributable to tobacco (%) | 10 | 19 | 19 | 16 | 12 | 16 | 3 | 6 | 7 | 10 | 8 | 7 |
| <u>Death rate: Communicable diseases</u> | 153 | 202 | 329 | 587 | 1,471 | 246 | 155 | 123 | 214 | 403 | 1,100 | 207 |
| Death rate attributable to tobacco | 6 | 10 | 25 | 42 | 173 | 16 | 1 | 1 | 4 | 16 | 109 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 8 | 7 | 12 | 6 | 1 | 1 | 2 | 4 | 10 | 3 |
| <u>Death rate: Tuberculosis</u> | 35 | 56 | 89 | 102 | 109 | 54 | 18 | 23 | 34 | 37 | 29 | 24 |
| Death rate attributable to tobacco | 4 | 6 | 8 | 6 | 9 | 5 | 1 | 0 | 1 | 1 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 9 | 6 | 8 | 9 | 4 | 2 | 2 | 4 | 6 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 15 | 32 | 135 | 302 | 936 | 73 | 9 | 20 | 91 | 215 | 730 | 65 |
| Death rate attributable to tobacco | 2 | 5 | 17 | 35 | 161 | 10 | 1 | 1 | 4 | 15 | 106 | 6 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 13 | 12 | 17 | 14 | 7 | 4 | 4 | 7 | 14 | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 155 | 730 | 2,301 | 5,248 | 12,141 | 1,183 | 107 | 480 | 1,540 | 3,940 | 10,682 | 1,091 |
| Death rate attributable to tobacco | 39 | 192 | 519 | 904 | 1,478 | 232 | 7 | 37 | 134 | 412 | 877 | 96 |
| Proportion of deaths attributable to tobacco (%) | 25 | 26 | 23 | 17 | 12 | 20 | 6 | 8 | 9 | 10 | 8 | 9 |
| <u>Death rate: All malignant neoplasms</u> | 34 | 200 | 628 | 1,222 | 2,076 | 279 | 35 | 154 | 378 | 711 | 1,246 | 213 |
| Death rate attributable to tobacco | 8 | 64 | 218 | 390 | 567 | 88 | 2 | 11 | 42 | 99 | 153 | 23 |
| Proportion of deaths attributable to tobacco (%) | 25 | 32 | 35 | 32 | 27 | 32 | 5 | 7 | 11 | 14 | 12 | 11 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 45 | 167 | 310 | 390 | 65 | 3 | 16 | 52 | 102 | 126 | 25 |
| Death rate attributable to tobacco | 3 | 33 | 132 | 251 | 326 | 51 | 1 | 7 | 27 | 62 | 78 | 14 |
| Proportion of deaths attributable to tobacco (%) | 56 | 73 | 79 | 81 | 83 | 78 | 30 | 42 | 52 | 60 | 62 | 53 |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 155 | 461 | 912 | 1,686 | 214 | 33 | 138 | 327 | 609 | 1,120 | 187 |
| Death rate attributable to tobacco | 6 | 31 | 86 | 139 | 242 | 37 | 1 | 4 | 15 | 38 | 75 | 9 |
| Proportion of deaths attributable to tobacco (%) | 20 | 20 | 19 | 15 | 14 | 17 | 3 | 3 | 5 | 6 | 7 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 58 | 317 | 1,076 | 2,584 | 6,483 | 564 | 34 | 185 | 747 | 2,177 | 6,526 | 576 |
| Death rate attributable to tobacco | 28 | 101 | 175 | 199 | 82 | 81 | 4 | 20 | 59 | 142 | 254 | 36 |
| Proportion of deaths attributable to tobacco (%) | 48 | 32 | 16 | 8 | 1 | 14 | 12 | 11 | 8 | 7 | 4 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 26 | 169 | 533 | 1,174 | 2,612 | 262 | 12 | 72 | 327 | 866 | 2,396 | 224 |
| Death rate attributable to tobacco | 13 | 56 | 94 | 99 | 33 | 42 | 1 | 7 | 24 | 48 | 130 | 14 |
| Proportion of deaths attributable to tobacco (%) | 50 | 33 | 18 | 8 | 1 | 16 | 8 | 10 | 7 | 6 | 5 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 12 | 86 | 357 | 915 | 2,155 | 182 | 9 | 63 | 262 | 813 | 2,267 | 203 |
| Death rate attributable to tobacco | 4 | 23 | 46 | 52 | 22 | 19 | 2 | 7 | 19 | 57 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 33 | 27 | 13 | 6 | 1 | 10 | 17 | 10 | 7 | 7 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 20 | 62 | 185 | 496 | 1,716 | 120 | 14 | 50 | 158 | 497 | 1,862 | 148 |
| Death rate attributable to tobacco | 11 | 22 | 35 | 47 | 27 | 20 | 2 | 6 | 15 | 36 | 124 | 12 |
| Proportion of deaths attributable to tobacco (%) | 55 | 36 | 19 | 10 | 2 | 17 | 11 | 12 | 10 | 7 | 7 | 8 |
| <u>Death rate: Respiratory diseases</u> | 10 | 64 | 275 | 742 | 1,796 | 145 | 8 | 44 | 168 | 478 | 1,274 | 123 |
| Death rate attributable to tobacco | 3 | 25 | 119 | 303 | 800 | 60 | 1 | 5 | 31 | 164 | 450 | 35 |
| Proportion of deaths attributable to tobacco (%) | 25 | 40 | 43 | 41 | 45 | 42 | 12 | 12 | 18 | 34 | 35 | 29 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 44 | 223 | 610 | 1,417 | 112 | 2 | 29 | 134 | 393 | 994 | 94 |
| Death rate attributable to tobacco | 1 | 23 | 111 | 284 | 734 | 55 | 1 | 5 | 29 | 155 | 408 | 32 |
| Proportion of deaths attributable to tobacco (%) | 50 | 52 | 50 | 47 | 52 | 49 | 24 | 16 | 21 | 39 | 41 | 34 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 20 | 53 | 132 | 379 | 33 | 6 | 14 | 33 | 85 | 280 | 28 |
| Death rate attributable to tobacco | 1 | 3 | 8 | 19 | 67 | 5 | 0 | 1 | 2 | 9 | 43 | 3 |
| Proportion of deaths attributable to tobacco (%) | 16 | 14 | 15 | 14 | 18 | 15 | 7 | 5 | 7 | 10 | 15 | 10 |

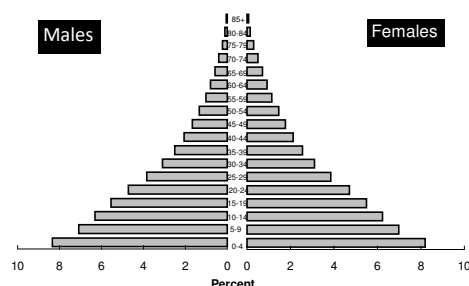
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

AFRICA

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 264,377 | 261,649 | 526,025 |
| 30-44 | 56,427 | 57,385 | 113,812 |
| 45-59 | 29,750 | 32,211 | 61,961 |
| 60-69 | 10,249 | 12,018 | 22,268 |
| 70-79 | 4,716 | 5,931 | 10,648 |
| 80+ | 1,146 | 1,677 | 2,823 |
| Total | 366,665 | 370,871 | 737,536 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1157 per 100,000 population) was about 1.1 times that for communicable diseases (1070 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 161 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 12 deaths per 100,000 population but with 55% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (121 per 100,000 men aged 30 years and over) compared with women (20 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 5% for men and 1% for women.

- Among those who died prematurely, almost one in every 84 deaths among those aged 30-44 and one in 26 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.6% of those whose death was due to a lower respiratory infection, 9.8% of deaths due to the category of 'all cardiovascular diseases combined', and 53.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,413 | 2,016 | 3,732 | 7,998 | 18,191 | 2,389 |
| Death rate attributable to tobacco | 17 | 78 | 170 | 258 | 434 | 69 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 5 | 3 | 2 | 3 |
| Death rate: Communicable diseases | 1,021 | 991 | 1,041 | 1,563 | 3,125 | 1,070 |
| Death rate attributable to tobacco | 5 | 11 | 20 | 29 | 79 | 10 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 2 | 2 | 3 | 1 |
| Death rate: Tuberculosis | 106 | 128 | 156 | 168 | 151 | 121 |
| Death rate attributable to tobacco | 3 | 6 | 6 | 4 | 4 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 4 | 2 | 3 | 3 |
| Death rate: Lower respiratory infections | 38 | 137 | 368 | 739 | 1,751 | 160 |
| Death rate attributable to tobacco | 2 | 5 | 14 | 25 | 74 | 6 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 4 | 3 | 4 | 4 |
| Death rate: Noncommunicable diseases | 240 | 874 | 2,513 | 6,178 | 14,673 | 1,157 |
| Death rate attributable to tobacco | 12 | 68 | 150 | 229 | 356 | 58 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 6 | 4 | 2 | 5 |
| Death rate: All malignant neoplasms | 38 | 190 | 516 | 1,116 | 1,955 | 212 |
| Death rate attributable to tobacco | 1 | 16 | 47 | 69 | 119 | 16 |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 9 | 6 | 6 | 7 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 11 | 35 | 56 | 76 | 12 |
| Death rate attributable to tobacco | 0 | 6 | 21 | 32 | 45 | 6 |
| Proportion of deaths attributable to tobacco (%) | 24 | 54 | 61 | 57 | 59 | 55 |
| Death rate: All other malignant neoplasms | 36 | 178 | 481 | 1,060 | 1,879 | 201 |
| Death rate attributable to tobacco | 1 | 10 | 26 | 37 | 74 | 9 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 5 | 3 | 4 | 5 |
| Death rate: All Cardiovascular diseases | 80 | 352 | 1,109 | 3,036 | 8,221 | 525 |
| Death rate attributable to tobacco | 8 | 35 | 49 | 61 | 32 | 23 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 4 | 2 | 0 | 4 |
| Death rate: Ischaemic heart disease | 15 | 118 | 407 | 959 | 2,079 | 161 |
| Death rate attributable to tobacco | 2 | 13 | 19 | 19 | 9 | 8 |
| Proportion of deaths attributable to tobacco (%) | 11 | 11 | 5 | 2 | 0 | 5 |
| Death rate: Cerebrovascular disease | 32 | 132 | 409 | 1,121 | 2,884 | 194 |
| Death rate attributable to tobacco | 3 | 12 | 17 | 21 | 5 | 8 |
| Proportion of deaths attributable to tobacco (%) | 9 | 9 | 4 | 2 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 33 | 103 | 292 | 956 | 3,257 | 170 |
| Death rate attributable to tobacco | 3 | 9 | 13 | 20 | 18 | 7 |
| Proportion of deaths attributable to tobacco (%) | 10 | 9 | 5 | 2 | 1 | 4 |
| Death rate: Respiratory diseases | 31 | 98 | 292 | 672 | 1,397 | 129 |
| Death rate attributable to tobacco | 2 | 15 | 50 | 92 | 192 | 18 |
| Proportion of deaths attributable to tobacco (%) | 7 | 15 | 17 | 14 | 14 | 14 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 38 | 144 | 346 | 652 | 56 |
| Death rate attributable to tobacco | 1 | 12 | 43 | 80 | 162 | 15 |
| Proportion of deaths attributable to tobacco (%) | 19 | 31 | 30 | 23 | 25 | 26 |
| Death rate: Other respiratory diseases | 25 | 60 | 148 | 327 | 745 | 73 |
| Death rate attributable to tobacco | 1 | 3 | 7 | 12 | 30 | 3 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 5 | 4 | 4 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,436 | 2,375 | 4,364 | 8,835 | 19,695 | 2,548 | 1,389 | 1,684 | 3,194 | 7,333 | 17,164 | 2,240 |
| Death rate attributable to tobacco | 25 | 152 | 327 | 443 | 916 | 121 | 9 | 11 | 36 | 111 | 105 | 20 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 7 | 5 | 5 | 5 | 1 | 1 | 1 | 2 | 1 | 1 |
| <u>Death rate: Communicable diseases</u> | 927 | 1,181 | 1,312 | 1,877 | 3,659 | 1,114 | 1,113 | 815 | 811 | 1,314 | 2,760 | 1,028 |
| Death rate attributable to tobacco | 8 | 22 | 40 | 51 | 168 | 19 | 2 | 0 | 3 | 11 | 18 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 3 | 3 | 5 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| <u>Death rate: Tuberculosis</u> | 157 | 203 | 221 | 265 | 262 | 183 | 56 | 58 | 101 | 90 | 76 | 64 |
| Death rate attributable to tobacco | 6 | 11 | 12 | 8 | 10 | 8 | 0 | 0 | 1 | 1 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 5 | 3 | 4 | 4 | 1 | 1 | 1 | 1 | 0 | 1 |
| <u>Death rate: Lower respiratory infections</u> | 52 | 160 | 483 | 901 | 2,068 | 188 | 24 | 116 | 270 | 611 | 1,534 | 133 |
| Death rate attributable to tobacco | 2 | 10 | 28 | 43 | 156 | 11 | 1 | 0 | 2 | 10 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 6 | 5 | 8 | 6 | 6 | 0 | 1 | 2 | 1 | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 257 | 958 | 2,801 | 6,614 | 15,606 | 1,181 | 224 | 797 | 2,267 | 5,831 | 14,036 | 1,134 |
| Death rate attributable to tobacco | 17 | 130 | 287 | 393 | 748 | 102 | 7 | 11 | 32 | 99 | 88 | 17 |
| Proportion of deaths attributable to tobacco (%) | 7 | 14 | 10 | 6 | 5 | 9 | 3 | 1 | 1 | 2 | 1 | 2 |
| <u>Death rate: All malignant neoplasms</u> | 32 | 193 | 604 | 1,385 | 2,749 | 229 | 44 | 187 | 441 | 903 | 1,413 | 197 |
| Death rate attributable to tobacco | 2 | 33 | 95 | 133 | 272 | 29 | 1 | 2 | 6 | 18 | 15 | 3 |
| Proportion of deaths attributable to tobacco (%) | 7 | 17 | 16 | 10 | 10 | 13 | 2 | 1 | 1 | 2 | 1 | 1 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 19 | 61 | 95 | 148 | 19 | 1 | 4 | 13 | 26 | 28 | 5 |
| Death rate attributable to tobacco | 0 | 12 | 44 | 64 | 106 | 12 | 0 | 1 | 3 | 7 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 25 | 64 | 72 | 68 | 71 | 66 | 23 | 15 | 19 | 26 | 15 | 20 |
| <u>Death rate: All other malignant neoplasms</u> | 30 | 174 | 544 | 1,290 | 2,601 | 210 | 43 | 182 | 427 | 877 | 1,385 | 192 |
| Death rate attributable to tobacco | 2 | 21 | 52 | 69 | 166 | 17 | 1 | 1 | 3 | 12 | 10 | 2 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 10 | 5 | 6 | 8 | 1 | 0 | 1 | 1 | 1 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 81 | 376 | 1,162 | 2,940 | 7,852 | 494 | 79 | 331 | 1,063 | 3,112 | 8,472 | 555 |
| Death rate attributable to tobacco | 11 | 64 | 85 | 79 | 41 | 38 | 5 | 7 | 18 | 46 | 26 | 9 |
| Proportion of deaths attributable to tobacco (%) | 14 | 17 | 7 | 3 | 1 | 8 | 6 | 2 | 2 | 1 | 0 | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 19 | 158 | 507 | 1,177 | 2,366 | 188 | 10 | 81 | 322 | 785 | 1,883 | 136 |
| Death rate attributable to tobacco | 3 | 26 | 36 | 31 | 11 | 14 | 0 | 1 | 5 | 9 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | 15 | 16 | 7 | 3 | 0 | 8 | 4 | 2 | 1 | 1 | 0 | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 31 | 133 | 399 | 978 | 2,475 | 169 | 33 | 131 | 419 | 1,234 | 3,164 | 218 |
| Death rate attributable to tobacco | 3 | 22 | 28 | 23 | 12 | 12 | 3 | 3 | 7 | 20 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 10 | 17 | 7 | 2 | 0 | 7 | 8 | 2 | 2 | 2 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 30 | 85 | 257 | 786 | 3,011 | 137 | 35 | 119 | 322 | 1,092 | 3,425 | 201 |
| Death rate attributable to tobacco | 5 | 17 | 22 | 26 | 18 | 11 | 2 | 3 | 6 | 16 | 18 | 3 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 9 | 3 | 1 | 8 | 5 | 2 | 2 | 1 | 1 | 2 |
| <u>Death rate: Respiratory diseases</u> | 34 | 129 | 408 | 921 | 1,836 | 160 | 29 | 69 | 194 | 474 | 1,096 | 99 |
| Death rate attributable to tobacco | 3 | 30 | 100 | 170 | 412 | 33 | 1 | 2 | 7 | 30 | 42 | 4 |
| Proportion of deaths attributable to tobacco (%) | 9 | 23 | 24 | 18 | 22 | 21 | 5 | 2 | 4 | 6 | 4 | 4 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 8 | 55 | 222 | 518 | 966 | 78 | 5 | 22 | 77 | 209 | 436 | 35 |
| Death rate attributable to tobacco | 2 | 23 | 86 | 149 | 351 | 27 | 1 | 1 | 6 | 24 | 33 | 3 |
| Proportion of deaths attributable to tobacco (%) | 22 | 42 | 39 | 29 | 36 | 35 | 12 | 5 | 8 | 12 | 8 | 9 |
| <u>Death rate: Other respiratory diseases</u> | 25 | 73 | 186 | 403 | 870 | 82 | 24 | 47 | 116 | 266 | 660 | 64 |
| Death rate attributable to tobacco | 1 | 6 | 13 | 21 | 61 | 6 | 1 | 0 | 1 | 6 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 7 | 5 | 7 | 7 | 4 | 1 | 1 | 2 | 1 | 2 |

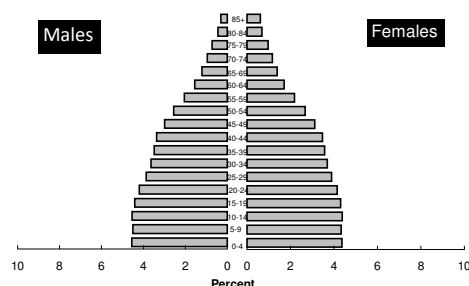
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

AMERICAS

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 227,887 | 222,408 | 450,295 |
| 30-44 | 91,722 | 93,874 | 185,596 |
| 45-59 | 66,372 | 69,811 | 136,183 |
| 60-69 | 24,156 | 27,001 | 51,157 |
| 70-79 | 14,616 | 18,622 | 33,238 |
| 80+ | 6,562 | 11,349 | 17,910 |
| Total | 431,315 | 443,065 | 874,380 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1079 per 100,000 population) was about 9.6 times that for communicable diseases (113 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 9% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 218 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 57 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (233 per 100,000 men aged 30 years and over) compared with women (174 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 15% for women.

- Among those who died prematurely, almost one in every 13 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.9% of those whose death was due to a lower respiratory infection, 33.3% of deaths due to the category of 'all cardiovascular diseases combined', and 78% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 228 | 605 | 1,683 | 3,942 | 11,142 | 1,277 |
| Death rate attributable to tobacco | 18 | 106 | 352 | 753 | 1,398 | 202 |
| Proportion of deaths attributable to tobacco (%) | 8 | 18 | 21 | 19 | 13 | 16 |
| Death rate: Communicable diseases | 42 | 56 | 112 | 275 | 982 | 113 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 26 | 132 | 10 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 7 | 9 | 13 | 9 |
| Death rate: Tuberculosis | 5 | 9 | 16 | 20 | 20 | 9 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 1 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 6 | 7 | 7 | 8 | 6 |
| Death rate: Lower respiratory infections | 5 | 12 | 39 | 133 | 618 | 47 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 24 | 130 | 9 |
| Proportion of deaths attributable to tobacco (%) | 12 | 15 | 17 | 18 | 21 | 19 |
| Death rate: Noncommunicable diseases | 111 | 478 | 1,496 | 3,558 | 9,895 | 1,079 |
| Death rate attributable to tobacco | 17 | 104 | 344 | 727 | 1,266 | 193 |
| Proportion of deaths attributable to tobacco (%) | 15 | 22 | 23 | 20 | 13 | 18 |
| Death rate: All malignant neoplasms | 31 | 160 | 498 | 1,001 | 1,617 | 272 |
| Death rate attributable to tobacco | 3 | 38 | 152 | 293 | 363 | 70 |
| Proportion of deaths attributable to tobacco (%) | 10 | 24 | 30 | 29 | 22 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 31 | 126 | 244 | 278 | 57 |
| Death rate attributable to tobacco | 1 | 24 | 109 | 213 | 237 | 48 |
| Proportion of deaths attributable to tobacco (%) | 49 | 78 | 87 | 88 | 85 | 84 |
| Death rate: All other malignant neoplasms | 28 | 129 | 372 | 757 | 1,339 | 214 |
| Death rate attributable to tobacco | 2 | 13 | 42 | 79 | 126 | 22 |
| Proportion of deaths attributable to tobacco (%) | 6 | 10 | 11 | 10 | 9 | 10 |
| Death rate: All Cardiovascular diseases | 33 | 165 | 550 | 1,451 | 4,998 | 459 |
| Death rate attributable to tobacco | 12 | 55 | 124 | 217 | 370 | 71 |
| Proportion of deaths attributable to tobacco (%) | 36 | 33 | 22 | 15 | 7 | 15 |
| Death rate: Ischaemic heart disease | 12 | 82 | 284 | 710 | 2,276 | 218 |
| Death rate attributable to tobacco | 5 | 27 | 64 | 106 | 208 | 36 |
| Proportion of deaths attributable to tobacco (%) | 39 | 34 | 23 | 15 | 9 | 16 |
| Death rate: Cerebrovascular disease | 8 | 39 | 128 | 355 | 1,144 | 108 |
| Death rate attributable to tobacco | 2 | 11 | 25 | 48 | 6 | 12 |
| Proportion of deaths attributable to tobacco (%) | 28 | 29 | 19 | 14 | 1 | 11 |
| Death rate: Other cardiovascular diseases | 13 | 45 | 138 | 386 | 1,578 | 134 |
| Death rate attributable to tobacco | 5 | 16 | 35 | 63 | 156 | 23 |
| Proportion of deaths attributable to tobacco (%) | 39 | 36 | 25 | 16 | 10 | 17 |
| Death rate: Respiratory diseases | 5 | 23 | 113 | 353 | 948 | 91 |
| Death rate attributable to tobacco | 1 | 9 | 60 | 196 | 490 | 47 |
| Proportion of deaths attributable to tobacco (%) | 22 | 40 | 53 | 56 | 52 | 51 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 11 | 73 | 239 | 587 | 56 |
| Death rate attributable to tobacco | 1 | 7 | 53 | 173 | 413 | 40 |
| Proportion of deaths attributable to tobacco (%) | 56 | 65 | 72 | 72 | 70 | 71 |
| Death rate: Other respiratory diseases | 4 | 12 | 39 | 114 | 361 | 35 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 23 | 77 | 7 |
| Proportion of deaths attributable to tobacco (%) | 15 | 17 | 19 | 20 | 21 | 20 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 308 | 759 | 2,062 | 4,797 | 12,322 | 1,373 | 150 | 459 | 1,344 | 3,272 | 10,460 | 1,188 |
| Death rate attributable to tobacco | 28 | 153 | 462 | 934 | 1,502 | 233 | 8 | 62 | 254 | 611 | 1,337 | 174 |
| Proportion of deaths attributable to tobacco (%) | 9 | 20 | 22 | 19 | 12 | 17 | 5 | 14 | 19 | 19 | 13 | 15 |
| <u>Death rate: Communicable diseases</u> | 52 | 75 | 136 | 322 | 1,093 | 122 | 31 | 39 | 91 | 238 | 917 | 104 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 30 | 137 | 9 | 0 | 1 | 5 | 22 | 130 | 10 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 8 | 9 | 12 | 8 | 1 | 3 | 6 | 9 | 14 | 9 |
| <i>Death rate: Tuberculosis</i> | 6 | 12 | 24 | 29 | 34 | 13 | 3 | 5 | 10 | 13 | 12 | 6 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 7 | 7 | 8 | 8 | 10 | 8 | 3 | 2 | 4 | 6 | 6 | 4 |
| <i>Death rate: Lower respiratory infections</i> | 6 | 14 | 47 | 159 | 695 | 47 | 3 | 9 | 32 | 113 | 573 | 47 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 28 | 133 | 8 | 0 | 1 | 5 | 22 | 129 | 9 |
| Proportion of deaths attributable to tobacco (%) | 14 | 17 | 18 | 17 | 19 | 18 | 9 | 11 | 15 | 19 | 22 | 20 |
| <u>Death rate: Noncommunicable diseases</u> | 129 | 570 | 1,807 | 4,314 | 10,891 | 1,120 | 94 | 390 | 1,218 | 2,966 | 9,319 | 1,042 |
| Death rate attributable to tobacco | 26 | 149 | 451 | 904 | 1,366 | 223 | 8 | 61 | 249 | 589 | 1,207 | 165 |
| Proportion of deaths attributable to tobacco (%) | 20 | 26 | 25 | 21 | 13 | 20 | 8 | 16 | 20 | 20 | 13 | 16 |
| <i>Death rate: All malignant neoplasms</i> | 26 | 160 | 575 | 1,249 | 2,166 | 292 | 37 | 159 | 430 | 806 | 1,299 | 254 |
| Death rate attributable to tobacco | 5 | 56 | 219 | 429 | 577 | 96 | 2 | 21 | 91 | 186 | 240 | 47 |
| Proportion of deaths attributable to tobacco (%) | 18 | 35 | 38 | 34 | 27 | 33 | 5 | 13 | 21 | 23 | 18 | 18 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 40 | 168 | 337 | 419 | 72 | 3 | 23 | 89 | 170 | 196 | 44 |
| Death rate attributable to tobacco | 2 | 33 | 151 | 306 | 377 | 64 | 1 | 16 | 72 | 140 | 156 | 34 |
| Proportion of deaths attributable to tobacco (%) | 53 | 82 | 90 | 91 | 90 | 88 | 44 | 70 | 81 | 83 | 80 | 79 |
| <i>Death rate: All other malignant neoplasms</i> | 22 | 120 | 407 | 912 | 1,747 | 219 | 35 | 137 | 341 | 636 | 1,103 | 210 |
| Death rate attributable to tobacco | 3 | 22 | 68 | 122 | 200 | 32 | 1 | 5 | 19 | 46 | 83 | 12 |
| Proportion of deaths attributable to tobacco (%) | 12 | 19 | 17 | 13 | 11 | 15 | 2 | 3 | 6 | 7 | 8 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 42 | 216 | 704 | 1,771 | 5,215 | 469 | 25 | 117 | 411 | 1,200 | 4,872 | 450 |
| Death rate attributable to tobacco | 20 | 79 | 148 | 208 | 95 | 70 | 5 | 32 | 102 | 224 | 529 | 71 |
| Proportion of deaths attributable to tobacco (%) | 47 | 37 | 21 | 12 | 2 | 15 | 19 | 27 | 25 | 19 | 11 | 16 |
| <i>Death rate: Ischaemic heart disease</i> | 18 | 119 | 392 | 942 | 2,527 | 243 | 6 | 46 | 187 | 528 | 2,131 | 194 |
| Death rate attributable to tobacco | 9 | 43 | 82 | 114 | 45 | 37 | 1 | 13 | 48 | 100 | 301 | 34 |
| Proportion of deaths attributable to tobacco (%) | 48 | 36 | 21 | 12 | 2 | 15 | 14 | 28 | 26 | 19 | 14 | 18 |
| <i>Death rate: Cerebrovascular disease</i> | 9 | 43 | 149 | 401 | 1,126 | 101 | 8 | 35 | 109 | 318 | 1,155 | 114 |
| Death rate attributable to tobacco | 3 | 14 | 27 | 35 | 17 | 12 | 2 | 8 | 23 | 58 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 32 | 34 | 18 | 9 | 2 | 12 | 25 | 24 | 21 | 18 | - | 10 |
| <i>Death rate: Other cardiovascular diseases</i> | 16 | 55 | 163 | 429 | 1,563 | 126 | 10 | 36 | 116 | 353 | 1,586 | 141 |
| Death rate attributable to tobacco | 9 | 22 | 39 | 58 | 32 | 21 | 2 | 11 | 31 | 67 | 227 | 25 |
| Proportion of deaths attributable to tobacco (%) | 54 | 41 | 24 | 14 | 2 | 17 | 17 | 30 | 27 | 19 | 14 | 18 |
| <u>Death rate: Respiratory diseases</u> | 6 | 26 | 135 | 445 | 1,214 | 99 | 4 | 19 | 93 | 280 | 794 | 84 |
| Death rate attributable to tobacco | 1 | 11 | 73 | 245 | 651 | 52 | 1 | 7 | 48 | 158 | 396 | 42 |
| Proportion of deaths attributable to tobacco (%) | 25 | 43 | 54 | 55 | 54 | 53 | 19 | 36 | 52 | 56 | 50 | 50 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 12 | 88 | 304 | 794 | 62 | 1 | 9 | 61 | 187 | 467 | 51 |
| Death rate attributable to tobacco | 1 | 9 | 64 | 218 | 566 | 45 | 0 | 5 | 42 | 138 | 324 | 35 |
| Proportion of deaths attributable to tobacco (%) | 59 | 70 | 73 | 72 | 71 | 72 | 52 | 58 | 70 | 74 | 69 | 70 |
| <i>Death rate: Other respiratory diseases</i> | 5 | 14 | 48 | 141 | 420 | 36 | 3 | 10 | 32 | 93 | 326 | 33 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 27 | 85 | 7 | 0 | 1 | 6 | 20 | 72 | 7 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 20 | 19 | 20 | 20 | 11 | 14 | 18 | 22 | 22 | 20 |

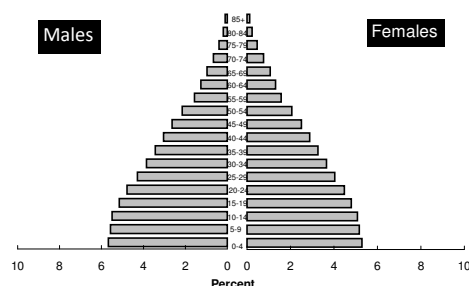
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

SOUTH-EAST ASIA

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|------------------|
| 0-29 | 517,963 | 482,312 | 1,000,275 |
| 30-44 | 172,808 | 163,720 | 336,527 |
| 45-59 | 106,101 | 102,496 | 208,597 |
| 60-69 | 37,148 | 39,844 | 76,992 |
| 70-79 | 17,800 | 20,628 | 38,428 |
| 80+ | 4,983 | 6,101 | 11,084 |
| Total | 856,802 | 815,102 | 1,671,904 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1065 per 100,000 population) was about 3.2 times that for communicable diseases (337 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 294 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 23 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (241 per 100,000 men aged 30 years and over) compared with women (67 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 5% for women.

- Among those who died prematurely, almost one in every 16 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 9.8% of those whose death was due to a lower respiratory infection, 17% of deaths due to the category of 'all cardiovascular diseases combined', and 63.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 428 | 1,118 | 3,210 | 6,993 | 14,374 | 1,567 |
| Death rate attributable to tobacco | 27 | 129 | 411 | 610 | 1,155 | 154 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 13 | 9 | 8 | 10 |
| Death rate: Communicable diseases | 164 | 233 | 565 | 1,238 | 2,842 | 337 |
| Death rate attributable to tobacco | 6 | 9 | 35 | 60 | 200 | 16 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 6 | 5 | 7 | 5 |
| Death rate: Tuberculosis | 40 | 73 | 102 | 99 | 83 | 61 |
| Death rate attributable to tobacco | 4 | 5 | 9 | 7 | 8 | 5 |
| Proportion of deaths attributable to tobacco (%) | 9 | 7 | 9 | 7 | 10 | 8 |
| Death rate: Lower respiratory infections | 22 | 35 | 284 | 695 | 1,676 | 122 |
| Death rate attributable to tobacco | 2 | 3 | 25 | 52 | 188 | 11 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 9 | 7 | 11 | 9 |
| Death rate: Noncommunicable diseases | 138 | 729 | 2,443 | 5,409 | 10,866 | 1,065 |
| Death rate attributable to tobacco | 21 | 120 | 377 | 550 | 955 | 138 |
| Proportion of deaths attributable to tobacco (%) | 15 | 16 | 15 | 10 | 9 | 13 |
| Death rate: All malignant neoplasms | 28 | 139 | 408 | 681 | 1,532 | 168 |
| Death rate attributable to tobacco | 4 | 29 | 116 | 166 | 330 | 39 |
| Proportion of deaths attributable to tobacco (%) | 14 | 21 | 28 | 24 | 22 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 17 | 68 | 105 | 156 | 23 |
| Death rate attributable to tobacco | 1 | 11 | 51 | 75 | 113 | 16 |
| Proportion of deaths attributable to tobacco (%) | 41 | 64 | 76 | 71 | 73 | 70 |
| Death rate: All other malignant neoplasms | 26 | 122 | 340 | 576 | 1,376 | 146 |
| Death rate attributable to tobacco | 3 | 19 | 65 | 91 | 217 | 24 |
| Proportion of deaths attributable to tobacco (%) | 12 | 15 | 19 | 16 | 16 | 16 |
| Death rate: All Cardiovascular diseases | 54 | 334 | 1,310 | 3,045 | 6,209 | 558 |
| Death rate attributable to tobacco | 14 | 57 | 126 | 136 | 97 | 49 |
| Proportion of deaths attributable to tobacco (%) | 27 | 17 | 10 | 4 | 2 | 9 |
| Death rate: Ischaemic heart disease | 29 | 196 | 726 | 1,536 | 2,867 | 294 |
| Death rate attributable to tobacco | 7 | 32 | 66 | 62 | 49 | 25 |
| Proportion of deaths attributable to tobacco (%) | 25 | 16 | 9 | 4 | 2 | 9 |
| Death rate: Cerebrovascular disease | 7 | 74 | 381 | 956 | 2,011 | 158 |
| Death rate attributable to tobacco | 2 | 13 | 36 | 43 | 8 | 12 |
| Proportion of deaths attributable to tobacco (%) | 25 | 18 | 9 | 5 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 18 | 65 | 203 | 553 | 1,331 | 106 |
| Death rate attributable to tobacco | 5 | 12 | 24 | 31 | 39 | 12 |
| Proportion of deaths attributable to tobacco (%) | 30 | 19 | 12 | 6 | 3 | 11 |
| Death rate: Respiratory diseases | 13 | 107 | 378 | 816 | 1,383 | 153 |
| Death rate attributable to tobacco | 2 | 32 | 129 | 239 | 505 | 48 |
| Proportion of deaths attributable to tobacco (%) | 19 | 30 | 34 | 29 | 36 | 32 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 83 | 327 | 681 | 1,076 | 122 |
| Death rate attributable to tobacco | 2 | 30 | 124 | 227 | 461 | 45 |
| Proportion of deaths attributable to tobacco (%) | 36 | 37 | 38 | 33 | 43 | 37 |
| Death rate: Other respiratory diseases | 8 | 24 | 51 | 135 | 307 | 30 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 13 | 43 | 3 |
| Proportion of deaths attributable to tobacco (%) | 11 | 8 | 10 | 9 | 14 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 491 | 1,302 | 3,643 | 7,553 | 15,074 | 1,676 | 362 | 927 | 2,807 | 6,510 | 13,802 | 1,456 |
| Death rate attributable to tobacco | 41 | 209 | 707 | 978 | 1,724 | 241 | 12 | 45 | 135 | 293 | 690 | 67 |
| Proportion of deaths attributable to tobacco (%) | 8 | 16 | 19 | 13 | 11 | 14 | 3 | 5 | 5 | 4 | 5 | 5 |
| <u>Death rate: Communicable diseases</u> | 173 | 283 | 639 | 1,356 | 2,913 | 361 | 155 | 181 | 496 | 1,136 | 2,784 | 312 |
| Death rate attributable to tobacco | 8 | 14 | 61 | 91 | 267 | 24 | 3 | 2 | 10 | 33 | 145 | 8 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 9 | 7 | 9 | 7 | 2 | 1 | 2 | 3 | 5 | 3 |
| <i>Death rate: Tuberculosis</i> | 46 | 101 | 158 | 153 | 132 | 82 | 33 | 43 | 50 | 53 | 43 | 40 |
| Death rate attributable to tobacco | 5 | 9 | 17 | 13 | 15 | 8 | 2 | 1 | 1 | 2 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 11 | 9 | 11 | 9 | 12 | 10 | 6 | 2 | 2 | 3 | 6 | 4 |
| <i>Death rate: Lower respiratory infections</i> | 27 | 40 | 320 | 741 | 1,679 | 125 | 17 | 29 | 251 | 656 | 1,674 | 118 |
| Death rate attributable to tobacco | 3 | 5 | 43 | 76 | 246 | 16 | 1 | 1 | 9 | 31 | 141 | 7 |
| Proportion of deaths attributable to tobacco (%) | 12 | 13 | 13 | 10 | 15 | 12 | 5 | 5 | 4 | 5 | 8 | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 155 | 836 | 2,782 | 5,818 | 11,392 | 1,119 | 120 | 620 | 2,127 | 5,056 | 10,436 | 1,009 |
| Death rate attributable to tobacco | 33 | 195 | 646 | 887 | 1,457 | 216 | 9 | 43 | 125 | 260 | 546 | 59 |
| Proportion of deaths attributable to tobacco (%) | 21 | 23 | 23 | 15 | 13 | 19 | 7 | 7 | 6 | 5 | 5 | 6 |
| <i>Death rate: All malignant neoplasms</i> | 26 | 132 | 466 | 774 | 1,620 | 170 | 31 | 146 | 353 | 602 | 1,460 | 167 |
| Death rate attributable to tobacco | 6 | 47 | 200 | 276 | 527 | 62 | 2 | 11 | 38 | 70 | 170 | 17 |
| Proportion of deaths attributable to tobacco (%) | 22 | 36 | 43 | 36 | 33 | 36 | 8 | 8 | 11 | 12 | 12 | 10 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 26 | 113 | 171 | 262 | 35 | 2 | 8 | 26 | 48 | 69 | 11 |
| Death rate attributable to tobacco | 1 | 18 | 94 | 139 | 218 | 27 | 1 | 3 | 11 | 20 | 28 | 4 |
| Proportion of deaths attributable to tobacco (%) | 42 | 71 | 84 | 81 | 83 | 78 | 38 | 38 | 43 | 41 | 41 | 40 |
| <i>Death rate: All other malignant neoplasms</i> | 23 | 106 | 354 | 602 | 1,358 | 135 | 29 | 138 | 328 | 554 | 1,391 | 156 |
| Death rate attributable to tobacco | 4 | 29 | 105 | 137 | 309 | 35 | 2 | 8 | 27 | 51 | 142 | 12 |
| Proportion of deaths attributable to tobacco (%) | 19 | 27 | 30 | 23 | 23 | 25 | 6 | 6 | 8 | 9 | 10 | 8 |
| <i>Death rate: All Cardiovascular diseases</i> | 63 | 407 | 1,475 | 3,140 | 6,211 | 578 | 44 | 259 | 1,156 | 2,963 | 6,206 | 537 |
| Death rate attributable to tobacco | 23 | 92 | 198 | 175 | 66 | 72 | 5 | 21 | 59 | 103 | 122 | 24 |
| Proportion of deaths attributable to tobacco (%) | 37 | 23 | 13 | 6 | 1 | 13 | 11 | 8 | 5 | 3 | 2 | 5 |
| <i>Death rate: Ischaemic heart disease</i> | 35 | 255 | 850 | 1,715 | 3,211 | 328 | 23 | 134 | 610 | 1,381 | 2,586 | 259 |
| Death rate attributable to tobacco | 13 | 54 | 109 | 92 | 31 | 41 | 2 | 8 | 26 | 36 | 64 | 10 |
| Proportion of deaths attributable to tobacco (%) | 36 | 21 | 13 | 5 | 1 | 12 | 7 | 6 | 4 | 3 | 2 | 4 |
| <i>Death rate: Cerebrovascular disease</i> | 8 | 86 | 422 | 957 | 1,874 | 155 | 5 | 61 | 342 | 955 | 2,123 | 161 |
| Death rate attributable to tobacco | 2 | 20 | 54 | 47 | 19 | 16 | 1 | 6 | 19 | 40 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 26 | 23 | 13 | 5 | 1 | 10 | 23 | 10 | 5 | 4 | - | 4 |
| <i>Death rate: Other cardiovascular diseases</i> | 20 | 65 | 204 | 468 | 1,127 | 94 | 16 | 64 | 203 | 627 | 1,497 | 118 |
| Death rate attributable to tobacco | 8 | 18 | 35 | 35 | 16 | 16 | 2 | 6 | 14 | 27 | 59 | 7 |
| Proportion of deaths attributable to tobacco (%) | 43 | 28 | 17 | 8 | 1 | 17 | 12 | 10 | 7 | 4 | 4 | 6 |
| <u>Death rate: Respiratory diseases</u> | 13 | 121 | 454 | 954 | 1,565 | 168 | 12 | 93 | 307 | 698 | 1,234 | 137 |
| Death rate attributable to tobacco | 3 | 54 | 241 | 424 | 829 | 80 | 2 | 10 | 25 | 80 | 239 | 16 |
| Proportion of deaths attributable to tobacco (%) | 26 | 44 | 53 | 44 | 53 | 47 | 12 | 11 | 8 | 11 | 19 | 12 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 95 | 397 | 797 | 1,245 | 136 | 4 | 71 | 262 | 581 | 938 | 108 |
| Death rate attributable to tobacco | 2 | 51 | 232 | 406 | 778 | 75 | 1 | 9 | 23 | 72 | 202 | 14 |
| Proportion of deaths attributable to tobacco (%) | 51 | 54 | 59 | 51 | 62 | 56 | 20 | 13 | 9 | 12 | 22 | 13 |
| <i>Death rate: Other respiratory diseases</i> | 9 | 27 | 57 | 157 | 320 | 32 | 8 | 22 | 45 | 116 | 296 | 29 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 18 | 51 | 4 | 1 | 1 | 2 | 8 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 12 | 15 | 12 | 16 | 13 | 9 | 4 | 5 | 7 | 12 | 7 |

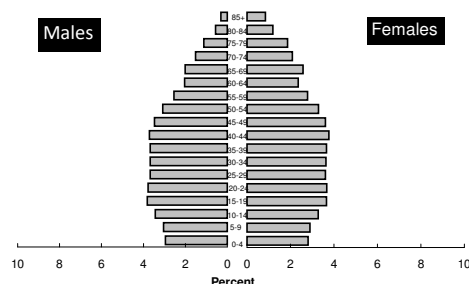
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

EUROPE

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 182,930 | 176,010 | 358,941 |
| 30-44 | 97,676 | 97,743 | 195,418 |
| 45-59 | 80,261 | 85,536 | 165,796 |
| 60-69 | 35,707 | 43,578 | 79,285 |
| 70-79 | 23,208 | 34,923 | 58,132 |
| 80+ | 7,713 | 18,026 | 25,739 |
| Total | 427,495 | 455,816 | 883,311 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1527 per 100,000 population) was about 21.9 times that for communicable diseases (70 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 18% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 437 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 71 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 24% of all lower respiratory infection deaths and 26% of all tuberculosis deaths.

- The death rate due to tobacco in men was (467 per 100,000 men aged 30 years and over) compared with women (117 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 7% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 33% of those whose death was due to a lower respiratory infection, 48.7% of deaths due to the category of 'all cardiovascular diseases combined', and 86.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 288 | 810 | 1,885 | 4,343 | 11,942 | 1,716 |
| Death rate attributable to tobacco | 60 | 240 | 451 | 660 | 837 | 281 |
| Proportion of deaths attributable to tobacco (%) | 21 | 30 | 24 | 15 | 7 | 16 |
| Death rate: Communicable diseases | 31 | 44 | 46 | 104 | 531 | 70 |
| Death rate attributable to tobacco | 6 | 10 | 8 | 16 | 89 | 13 |
| Proportion of deaths attributable to tobacco (%) | 21 | 23 | 17 | 15 | 17 | 18 |
| Death rate: Tuberculosis | 15 | 16 | 9 | 9 | 11 | 13 |
| Death rate attributable to tobacco | 5 | 4 | 2 | 1 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | 31 | 27 | 19 | 13 | 11 | 26 |
| Death rate: Lower respiratory infections | 5 | 17 | 23 | 63 | 398 | 37 |
| Death rate attributable to tobacco | 2 | 6 | 6 | 14 | 86 | 9 |
| Proportion of deaths attributable to tobacco (%) | 35 | 33 | 25 | 22 | 22 | 24 |
| Death rate: Noncommunicable diseases | 155 | 638 | 1,741 | 4,130 | 11,138 | 1,527 |
| Death rate attributable to tobacco | 54 | 230 | 443 | 644 | 748 | 268 |
| Proportion of deaths attributable to tobacco (%) | 35 | 36 | 25 | 16 | 7 | 18 |
| Death rate: All malignant neoplasms | 37 | 211 | 559 | 986 | 1,552 | 350 |
| Death rate attributable to tobacco | 8 | 74 | 183 | 262 | 262 | 96 |
| Proportion of deaths attributable to tobacco (%) | 21 | 35 | 33 | 27 | 17 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 50 | 136 | 206 | 192 | 71 |
| Death rate attributable to tobacco | 4 | 43 | 119 | 175 | 152 | 60 |
| Proportion of deaths attributable to tobacco (%) | 68 | 86 | 88 | 85 | 79 | 85 |
| Death rate: All other malignant neoplasms | 32 | 161 | 422 | 780 | 1,360 | 280 |
| Death rate attributable to tobacco | 4 | 31 | 63 | 87 | 111 | 36 |
| Proportion of deaths attributable to tobacco (%) | 13 | 19 | 15 | 11 | 8 | 13 |
| Death rate: All Cardiovascular diseases | 69 | 298 | 911 | 2,506 | 7,514 | 904 |
| Death rate attributable to tobacco | 44 | 145 | 214 | 254 | 203 | 133 |
| Proportion of deaths attributable to tobacco (%) | 64 | 49 | 23 | 10 | 3 | 15 |
| Death rate: Ischaemic heart disease | 29 | 168 | 505 | 1,267 | 3,179 | 437 |
| Death rate attributable to tobacco | 20 | 83 | 117 | 119 | 94 | 69 |
| Proportion of deaths attributable to tobacco (%) | 68 | 49 | 23 | 9 | 3 | 16 |
| Death rate: Cerebrovascular disease | 12 | 67 | 256 | 781 | 2,200 | 259 |
| Death rate attributable to tobacco | 6 | 31 | 56 | 75 | 9 | 29 |
| Proportion of deaths attributable to tobacco (%) | 52 | 46 | 22 | 10 | 0 | 11 |
| Death rate: Other cardiovascular diseases | 28 | 62 | 150 | 458 | 2,135 | 208 |
| Death rate attributable to tobacco | 18 | 31 | 40 | 59 | 100 | 34 |
| Proportion of deaths attributable to tobacco (%) | 65 | 50 | 27 | 13 | 5 | 16 |
| Death rate: Respiratory diseases | 4 | 18 | 73 | 214 | 565 | 70 |
| Death rate attributable to tobacco | 2 | 10 | 43 | 120 | 265 | 37 |
| Proportion of deaths attributable to tobacco (%) | 46 | 54 | 59 | 56 | 47 | 52 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 9 | 49 | 150 | 347 | 44 |
| Death rate attributable to tobacco | 1 | 7 | 38 | 107 | 225 | 31 |
| Proportion of deaths attributable to tobacco (%) | 80 | 77 | 76 | 72 | 65 | 70 |
| Death rate: Other respiratory diseases | 3 | 9 | 24 | 65 | 217 | 25 |
| Death rate attributable to tobacco | 1 | 3 | 6 | 13 | 39 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 29 | 24 | 20 | 18 | 21 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 431 | 1,155 | 2,544 | 5,400 | 13,096 | 1,848 | 144 | 485 | 1,346 | 3,640 | 11,449 | 1,600 |
| Death rate attributable to tobacco | 111 | 434 | 828 | 1,198 | 1,471 | 467 | 10 | 58 | 142 | 302 | 566 | 117 |
| Proportion of deaths attributable to tobacco (%) | 26 | 38 | 33 | 22 | 11 | 25 | 7 | 12 | 11 | 8 | 5 | 7 |
| <u>Death rate: Communicable diseases</u> | 48 | 71 | 69 | 143 | 646 | 87 | 14 | 18 | 27 | 78 | 482 | 55 |
| Death rate attributable to tobacco | 12 | 20 | 15 | 26 | 127 | 20 | 1 | 1 | 2 | 9 | 73 | 7 |
| Proportion of deaths attributable to tobacco (%) | 25 | 28 | 21 | 18 | 20 | 23 | 4 | 6 | 7 | 11 | 15 | 12 |
| <u>Death rate: Tuberculosis</u> | 25 | 29 | 16 | 15 | 18 | 24 | 4 | 4 | 3 | 5 | 7 | 4 |
| Death rate attributable to tobacco | 9 | 9 | 4 | 2 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 35 | 31 | 23 | 16 | 16 | 30 | 6 | 4 | 5 | 6 | 6 | 5 |
| <u>Death rate: Lower respiratory infections</u> | 7 | 27 | 36 | 88 | 491 | 41 | 3 | 7 | 13 | 47 | 358 | 34 |
| Death rate attributable to tobacco | 3 | 11 | 11 | 23 | 121 | 12 | 0 | 1 | 2 | 8 | 71 | 6 |
| Proportion of deaths attributable to tobacco (%) | 43 | 39 | 30 | 26 | 25 | 30 | 12 | 11 | 13 | 18 | 20 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 211 | 874 | 2,323 | 5,102 | 12,115 | 1,577 | 98 | 415 | 1,265 | 3,484 | 10,720 | 1,484 |
| Death rate attributable to tobacco | 99 | 414 | 813 | 1,172 | 1,344 | 448 | 9 | 57 | 140 | 293 | 494 | 111 |
| Proportion of deaths attributable to tobacco (%) | 47 | 47 | 35 | 23 | 11 | 28 | 9 | 14 | 11 | 8 | 5 | 7 |
| <u>Death rate: All malignant neoplasms</u> | 36 | 257 | 757 | 1,402 | 2,349 | 416 | 38 | 168 | 396 | 710 | 1,211 | 293 |
| Death rate attributable to tobacco | 13 | 132 | 354 | 545 | 639 | 172 | 2 | 19 | 42 | 74 | 101 | 29 |
| Proportion of deaths attributable to tobacco (%) | 36 | 51 | 47 | 39 | 27 | 41 | 6 | 11 | 11 | 10 | 8 | 10 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 82 | 246 | 396 | 424 | 117 | 3 | 20 | 47 | 79 | 93 | 30 |
| Death rate attributable to tobacco | 6 | 75 | 229 | 365 | 382 | 107 | 1 | 13 | 30 | 49 | 53 | 19 |
| Proportion of deaths attributable to tobacco (%) | 77 | 91 | 93 | 92 | 90 | 92 | 45 | 66 | 64 | 62 | 57 | 62 |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 175 | 511 | 1,006 | 1,925 | 300 | 35 | 148 | 350 | 631 | 1,119 | 263 |
| Death rate attributable to tobacco | 7 | 58 | 126 | 180 | 257 | 65 | 1 | 6 | 12 | 25 | 48 | 10 |
| Proportion of deaths attributable to tobacco (%) | 26 | 33 | 25 | 18 | 13 | 22 | 3 | 4 | 3 | 4 | 4 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 106 | 443 | 1,199 | 2,836 | 7,223 | 860 | 31 | 162 | 675 | 2,286 | 7,638 | 943 |
| Death rate attributable to tobacco | 82 | 263 | 374 | 389 | 124 | 214 | 6 | 35 | 82 | 164 | 237 | 61 |
| Proportion of deaths attributable to tobacco (%) | 77 | 59 | 31 | 14 | 2 | 25 | 18 | 21 | 12 | 7 | 3 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 49 | 271 | 705 | 1,525 | 3,185 | 457 | 9 | 72 | 340 | 1,095 | 3,177 | 420 |
| Death rate attributable to tobacco | 38 | 157 | 215 | 204 | 48 | 119 | 1 | 13 | 36 | 63 | 114 | 25 |
| Proportion of deaths attributable to tobacco (%) | 78 | 58 | 30 | 13 | 2 | 26 | 13 | 18 | 11 | 6 | 4 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 16 | 87 | 300 | 792 | 1,922 | 215 | 8 | 49 | 220 | 774 | 2,318 | 298 |
| Death rate attributable to tobacco | 10 | 52 | 92 | 95 | 30 | 44 | 2 | 12 | 27 | 61 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 63 | 60 | 31 | 12 | 2 | 21 | 30 | 24 | 12 | 8 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 41 | 85 | 193 | 519 | 2,117 | 188 | 14 | 41 | 115 | 418 | 2,143 | 225 |
| Death rate attributable to tobacco | 33 | 53 | 67 | 89 | 46 | 51 | 2 | 10 | 19 | 40 | 123 | 20 |
| Proportion of deaths attributable to tobacco (%) | 82 | 63 | 35 | 17 | 2 | 27 | 16 | 24 | 16 | 9 | 6 | 9 |
| <u>Death rate: Respiratory diseases</u> | 6 | 26 | 116 | 352 | 931 | 91 | 3 | 10 | 38 | 122 | 408 | 52 |
| Death rate attributable to tobacco | 3 | 16 | 78 | 225 | 552 | 57 | 1 | 3 | 15 | 50 | 142 | 19 |
| Proportion of deaths attributable to tobacco (%) | 55 | 64 | 67 | 64 | 59 | 63 | 25 | 32 | 39 | 41 | 35 | 37 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 14 | 82 | 258 | 636 | 62 | 1 | 5 | 23 | 77 | 224 | 29 |
| Death rate attributable to tobacco | 1 | 12 | 67 | 202 | 482 | 49 | 0 | 3 | 13 | 44 | 115 | 16 |
| Proportion of deaths attributable to tobacco (%) | 87 | 85 | 82 | 78 | 76 | 79 | 61 | 53 | 57 | 57 | 52 | 54 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 12 | 35 | 94 | 295 | 29 | 2 | 5 | 15 | 45 | 184 | 22 |
| Death rate attributable to tobacco | 2 | 5 | 10 | 23 | 70 | 8 | 0 | 1 | 2 | 6 | 26 | 3 |
| Proportion of deaths attributable to tobacco (%) | 42 | 38 | 30 | 25 | 24 | 28 | 15 | 12 | 11 | 13 | 14 | 14 |

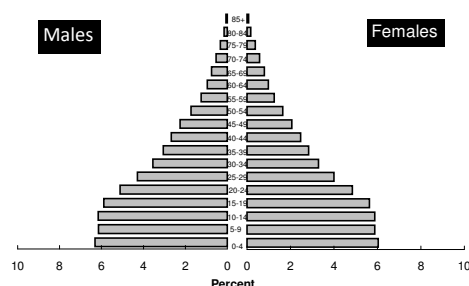
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

EASTERN MEDITERRANEAN

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 176,206 | 167,664 | 343,871 |
| 30-44 | 48,243 | 44,637 | 92,880 |
| 45-59 | 27,141 | 25,755 | 52,896 |
| 60-69 | 8,822 | 9,278 | 18,100 |
| 70-79 | 4,532 | 4,985 | 9,517 |
| 80+ | 1,130 | 1,293 | 2,423 |
| Total | 266,074 | 253,613 | 519,688 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1088 per 100,000 population) was about 5.3 times that for communicable diseases (207 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 323 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 67% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (188 per 100,000 men aged 30 years and over) compared with women (20 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 12% for men and 2% for women.

- Among those who died prematurely, almost one in every 12 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 8.1% of those whose death was due to a lower respiratory infection, 16.7% of deaths due to the category of 'all cardiovascular diseases combined', and 61.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 411 | 1,021 | 2,866 | 6,865 | 16,920 | 1,424 |
| Death rate attributable to tobacco | 36 | 101 | 261 | 366 | 728 | 106 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 9 | 5 | 4 | 7 |
| Death rate: Communicable diseases | 124 | 143 | 308 | 702 | 2,086 | 207 |
| Death rate attributable to tobacco | 4 | 4 | 17 | 29 | 116 | 8 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 6 | 4 | 6 | 4 |
| Death rate: Tuberculosis | 27 | 46 | 95 | 94 | 92 | 44 |
| Death rate attributable to tobacco | 1 | 2 | 6 | 4 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 6 | 5 | 7 | 5 |
| Death rate: Lower respiratory infections | 16 | 23 | 121 | 372 | 1,133 | 64 |
| Death rate attributable to tobacco | 3 | 2 | 11 | 24 | 109 | 6 |
| Proportion of deaths attributable to tobacco (%) | 16 | 8 | 9 | 7 | 10 | 9 |
| Death rate: Noncommunicable diseases | 178 | 763 | 2,400 | 5,919 | 14,272 | 1,088 |
| Death rate attributable to tobacco | 32 | 97 | 244 | 337 | 612 | 98 |
| Proportion of deaths attributable to tobacco (%) | 18 | 13 | 10 | 6 | 4 | 9 |
| Death rate: All malignant neoplasms | 41 | 134 | 361 | 637 | 1,237 | 151 |
| Death rate attributable to tobacco | 5 | 20 | 80 | 117 | 233 | 27 |
| Proportion of deaths attributable to tobacco (%) | 13 | 15 | 22 | 18 | 19 | 18 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 15 | 56 | 85 | 126 | 18 |
| Death rate attributable to tobacco | 1 | 9 | 41 | 59 | 93 | 12 |
| Proportion of deaths attributable to tobacco (%) | 52 | 61 | 73 | 69 | 74 | 67 |
| Death rate: All other malignant neoplasms | 38 | 119 | 305 | 552 | 1,111 | 132 |
| Death rate attributable to tobacco | 4 | 11 | 39 | 58 | 140 | 14 |
| Proportion of deaths attributable to tobacco (%) | 10 | 9 | 13 | 11 | 13 | 11 |
| Death rate: All Cardiovascular diseases | 67 | 375 | 1,381 | 3,735 | 9,577 | 625 |
| Death rate attributable to tobacco | 22 | 63 | 107 | 107 | 61 | 48 |
| Proportion of deaths attributable to tobacco (%) | 33 | 17 | 8 | 3 | 1 | 8 |
| Death rate: Ischaemic heart disease | 34 | 219 | 767 | 1,871 | 4,284 | 323 |
| Death rate attributable to tobacco | 12 | 38 | 61 | 56 | 31 | 27 |
| Proportion of deaths attributable to tobacco (%) | 35 | 17 | 8 | 3 | 1 | 8 |
| Death rate: Cerebrovascular disease | 9 | 65 | 301 | 886 | 2,315 | 135 |
| Death rate attributable to tobacco | 2 | 9 | 22 | 23 | 10 | 8 |
| Proportion of deaths attributable to tobacco (%) | 25 | 15 | 7 | 3 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 24 | 92 | 313 | 978 | 2,978 | 167 |
| Death rate attributable to tobacco | 8 | 15 | 24 | 28 | 21 | 13 |
| Proportion of deaths attributable to tobacco (%) | 35 | 17 | 8 | 3 | 1 | 8 |
| Death rate: Respiratory diseases | 14 | 60 | 183 | 479 | 1,126 | 85 |
| Death rate attributable to tobacco | 3 | 14 | 54 | 107 | 302 | 22 |
| Proportion of deaths attributable to tobacco (%) | 26 | 24 | 30 | 22 | 27 | 25 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 39 | 131 | 332 | 767 | 56 |
| Death rate attributable to tobacco | 1 | 13 | 50 | 99 | 280 | 19 |
| Proportion of deaths attributable to tobacco (%) | 38 | 32 | 39 | 30 | 37 | 34 |
| Death rate: Other respiratory diseases | 10 | 21 | 52 | 147 | 359 | 30 |
| Death rate attributable to tobacco | 2 | 2 | 4 | 8 | 22 | 3 |
| Proportion of deaths attributable to tobacco (%) | 21 | 7 | 7 | 5 | 6 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 497 | 1,209 | 3,387 | 7,615 | 18,156 | 1,577 | 317 | 822 | 2,370 | 6,182 | 15,839 | 1,264 |
| Death rate attributable to tobacco | 59 | 177 | 507 | 719 | 1,288 | 188 | 10 | 21 | 27 | 44 | 238 | 20 |
| Proportion of deaths attributable to tobacco (%) | 12 | 15 | 15 | 9 | 7 | 12 | 3 | 3 | 1 | 1 | 2 | 2 |
| <u>Death rate: Communicable diseases</u> | 107 | 171 | 379 | 802 | 2,316 | 216 | 142 | 113 | 241 | 612 | 1,885 | 197 |
| Death rate attributable to tobacco | 5 | 7 | 35 | 60 | 218 | 14 | 3 | 1 | 0 | 1 | 27 | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 9 | 7 | 9 | 7 | 2 | 1 | 0 | 0 | 1 | 1 |
| <i>Death rate: Tuberculosis</i> | 30 | 51 | 113 | 111 | 113 | 50 | 24 | 41 | 77 | 79 | 74 | 39 |
| Death rate attributable to tobacco | 2 | 4 | 12 | 9 | 12 | 4 | 1 | 0 | 0 | 0 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 11 | 8 | 10 | 8 | 3 | 1 | 0 | 0 | 1 | 2 |
| <i>Death rate: Lower respiratory infections</i> | 15 | 31 | 157 | 449 | 1,311 | 72 | 17 | 15 | 87 | 302 | 979 | 55 |
| Death rate attributable to tobacco | 3 | 3 | 23 | 51 | 204 | 10 | 2 | 0 | 0 | 1 | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 11 | 14 | 11 | 16 | 14 | 11 | 2 | 0 | 0 | 3 | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 225 | 876 | 2,791 | 6,502 | 15,143 | 1,177 | 127 | 645 | 2,028 | 5,389 | 13,512 | 994 |
| Death rate attributable to tobacco | 54 | 170 | 472 | 659 | 1,070 | 174 | 7 | 21 | 27 | 43 | 212 | 18 |
| Proportion of deaths attributable to tobacco (%) | 24 | 19 | 17 | 10 | 7 | 15 | 5 | 3 | 1 | 1 | 2 | 2 |
| <i>Death rate: All malignant neoplasms</i> | 40 | 135 | 454 | 821 | 1,525 | 167 | 41 | 133 | 272 | 471 | 985 | 133 |
| Death rate attributable to tobacco | 9 | 35 | 153 | 227 | 422 | 47 | 2 | 4 | 10 | 18 | 67 | 5 |
| Proportion of deaths attributable to tobacco (%) | 21 | 26 | 34 | 28 | 28 | 28 | 5 | 3 | 4 | 4 | 7 | 4 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 24 | 100 | 153 | 235 | 30 | 2 | 6 | 15 | 24 | 30 | 6 |
| Death rate attributable to tobacco | 2 | 17 | 83 | 122 | 193 | 23 | 1 | 1 | 2 | 2 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 60 | 71 | 83 | 80 | 82 | 78 | 32 | 18 | 11 | 9 | 19 | 16 |
| <i>Death rate: All other malignant neoplasms</i> | 36 | 110 | 354 | 668 | 1,290 | 137 | 40 | 127 | 258 | 447 | 955 | 127 |
| Death rate attributable to tobacco | 6 | 18 | 71 | 105 | 229 | 24 | 1 | 3 | 9 | 16 | 61 | 4 |
| Proportion of deaths attributable to tobacco (%) | 17 | 16 | 20 | 16 | 18 | 17 | 4 | 2 | 3 | 4 | 6 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 92 | 458 | 1,587 | 3,976 | 9,816 | 667 | 40 | 289 | 1,185 | 3,517 | 9,367 | 580 |
| Death rate attributable to tobacco | 40 | 109 | 206 | 206 | 87 | 86 | 4 | 14 | 13 | 18 | 38 | 9 |
| Proportion of deaths attributable to tobacco (%) | 44 | 24 | 13 | 5 | 1 | 13 | 9 | 5 | 1 | 1 | 0 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 49 | 289 | 930 | 2,131 | 4,668 | 371 | 17 | 145 | 612 | 1,634 | 3,948 | 272 |
| Death rate attributable to tobacco | 22 | 67 | 119 | 110 | 42 | 50 | 1 | 7 | 6 | 7 | 21 | 4 |
| Proportion of deaths attributable to tobacco (%) | 44 | 23 | 13 | 5 | 1 | 13 | 7 | 5 | 1 | 0 | 1 | 1 |
| <i>Death rate: Cerebrovascular disease</i> | 12 | 71 | 330 | 921 | 2,342 | 136 | 7 | 59 | 274 | 855 | 2,291 | 135 |
| Death rate attributable to tobacco | 4 | 16 | 43 | 44 | 21 | 13 | 1 | 3 | 3 | 4 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 31 | 22 | 13 | 5 | 1 | 10 | 13 | 5 | 1 | 1 | - | 1 |
| <i>Death rate: Other cardiovascular diseases</i> | 31 | 98 | 327 | 923 | 2,806 | 160 | 17 | 85 | 300 | 1,028 | 3,128 | 173 |
| Death rate attributable to tobacco | 15 | 25 | 44 | 52 | 24 | 23 | 2 | 5 | 4 | 6 | 17 | 3 |
| Proportion of deaths attributable to tobacco (%) | 47 | 26 | 14 | 6 | 1 | 14 | 9 | 6 | 1 | 1 | 1 | 2 |
| <u>Death rate: Respiratory diseases</u> | 16 | 66 | 229 | 563 | 1,276 | 96 | 11 | 54 | 139 | 402 | 994 | 75 |
| Death rate attributable to tobacco | 6 | 25 | 108 | 218 | 529 | 39 | 1 | 2 | 3 | 7 | 104 | 4 |
| Proportion of deaths attributable to tobacco (%) | 33 | 39 | 47 | 39 | 41 | 41 | 13 | 4 | 2 | 2 | 10 | 5 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 43 | 166 | 386 | 856 | 62 | 3 | 35 | 98 | 283 | 688 | 49 |
| Death rate attributable to tobacco | 2 | 23 | 101 | 202 | 487 | 34 | 1 | 2 | 3 | 6 | 100 | 3 |
| Proportion of deaths attributable to tobacco (%) | 49 | 53 | 61 | 52 | 57 | 55 | 20 | 5 | 3 | 2 | 14 | 6 |
| <i>Death rate: Other respiratory diseases</i> | 12 | 23 | 63 | 177 | 420 | 34 | 8 | 18 | 41 | 120 | 306 | 25 |
| Death rate attributable to tobacco | 3 | 3 | 7 | 16 | 42 | 5 | 1 | 0 | 0 | 1 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 28 | 12 | 11 | 9 | 10 | 14 | 10 | 2 | 1 | 1 | 1 | 3 |

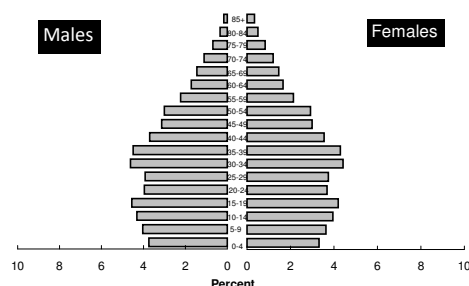
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

WESTERN PACIFIC

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|------------------|
| 0-29 | 426,301 | 391,244 | 817,545 |
| 30-44 | 222,736 | 213,307 | 436,042 |
| 45-59 | 145,348 | 139,870 | 285,219 |
| 60-69 | 55,184 | 54,300 | 109,484 |
| 70-79 | 31,141 | 35,414 | 66,555 |
| 80+ | 8,830 | 14,782 | 23,612 |
| Total | 889,540 | 848,917 | 1,738,457 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (996 per 100,000 population) was about 10.3 times that for communicable diseases (96 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 111 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 54 deaths per 100,000 population but with 56% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (183 per 100,000 men aged 30 years and over) compared with women (121 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 11% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 10.7% of those whose death was due to a lower respiratory infection, 13.5% of deaths due to the category of 'all cardiovascular diseases combined', and 43.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 180 | 606 | 1,878 | 4,815 | 13,208 | 1,183 |
| Death rate attributable to tobacco | 18 | 64 | 229 | 743 | 1,703 | 153 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 12 | 15 | 13 | 13 |
| Death rate: Communicable diseases | 30 | 55 | 132 | 284 | 1,127 | 96 |
| Death rate attributable to tobacco | 2 | 2 | 7 | 21 | 155 | 8 |
| Proportion of deaths attributable to tobacco (%) | 6 | 4 | 5 | 7 | 14 | 8 |
| Death rate: Tuberculosis | 11 | 23 | 63 | 98 | 113 | 30 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 5 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | 12 | 6 | 5 | 5 | 7 | 7 |
| Death rate: Lower respiratory infections | 3 | 8 | 35 | 130 | 835 | 39 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 16 | 145 | 6 |
| Proportion of deaths attributable to tobacco (%) | 17 | 11 | 10 | 12 | 17 | 15 |
| Death rate: Noncommunicable diseases | 87 | 467 | 1,630 | 4,363 | 11,726 | 996 |
| Death rate attributable to tobacco | 16 | 61 | 222 | 722 | 1,548 | 145 |
| Proportion of deaths attributable to tobacco (%) | 18 | 13 | 14 | 17 | 13 | 15 |
| Death rate: All malignant neoplasms | 37 | 198 | 536 | 1,026 | 1,480 | 255 |
| Death rate attributable to tobacco | 7 | 30 | 106 | 244 | 319 | 51 |
| Proportion of deaths attributable to tobacco (%) | 18 | 15 | 20 | 24 | 22 | 20 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 36 | 127 | 249 | 271 | 54 |
| Death rate attributable to tobacco | 2 | 16 | 68 | 158 | 181 | 30 |
| Proportion of deaths attributable to tobacco (%) | 40 | 43 | 53 | 63 | 67 | 56 |
| Death rate: All other malignant neoplasms | 32 | 162 | 408 | 777 | 1,209 | 201 |
| Death rate attributable to tobacco | 5 | 14 | 38 | 86 | 138 | 21 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 9 | 11 | 11 | 10 |
| Death rate: All Cardiovascular diseases | 23 | 160 | 660 | 1,978 | 6,186 | 441 |
| Death rate attributable to tobacco | 8 | 21 | 45 | 110 | 122 | 27 |
| Proportion of deaths attributable to tobacco (%) | 34 | 13 | 7 | 6 | 2 | 6 |
| Death rate: Ischaemic heart disease | 7 | 40 | 172 | 494 | 1,534 | 111 |
| Death rate attributable to tobacco | 3 | 7 | 14 | 27 | 48 | 8 |
| Proportion of deaths attributable to tobacco (%) | 37 | 17 | 8 | 5 | 3 | 7 |
| Death rate: Cerebrovascular disease | 9 | 85 | 357 | 1,075 | 3,090 | 230 |
| Death rate attributable to tobacco | 3 | 9 | 21 | 58 | 8 | 11 |
| Proportion of deaths attributable to tobacco (%) | 28 | 11 | 6 | 5 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 7 | 35 | 131 | 409 | 1,562 | 99 |
| Death rate attributable to tobacco | 3 | 5 | 11 | 25 | 65 | 8 |
| Proportion of deaths attributable to tobacco (%) | 38 | 16 | 8 | 6 | 4 | 8 |
| Death rate: Respiratory diseases | 4 | 40 | 254 | 925 | 2,916 | 186 |
| Death rate attributable to tobacco | 1 | 10 | 69 | 362 | 1,093 | 66 |
| Proportion of deaths attributable to tobacco (%) | 24 | 24 | 27 | 39 | 37 | 35 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 30 | 225 | 845 | 2,577 | 164 |
| Death rate attributable to tobacco | 1 | 9 | 67 | 353 | 1,039 | 63 |
| Proportion of deaths attributable to tobacco (%) | 53 | 30 | 30 | 42 | 40 | 39 |
| Death rate: Other respiratory diseases | 3 | 10 | 29 | 80 | 338 | 23 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 55 | 3 |
| Proportion of deaths attributable to tobacco (%) | 14 | 7 | 8 | 12 | 16 | 12 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 219 | 756 | 2,342 | 5,661 | 14,374 | 1,276 | 140 | 451 | 1,406 | 4,071 | 12,512 | 1,089 |
| Death rate attributable to tobacco | 30 | 106 | 334 | 855 | 2,018 | 183 | 5 | 19 | 122 | 644 | 1,515 | 121 |
| Proportion of deaths attributable to tobacco (%) | 14 | 14 | 14 | 15 | 14 | 14 | 3 | 4 | 9 | 16 | 12 | 11 |
| <u>Death rate: Communicable diseases</u> | 40 | 79 | 183 | 376 | 1,268 | 115 | 20 | 31 | 81 | 202 | 1,042 | 78 |
| Death rate attributable to tobacco | 3 | 4 | 10 | 29 | 180 | 9 | 1 | 1 | 3 | 14 | 140 | 6 |
| Proportion of deaths attributable to tobacco (%) | 8 | 5 | 6 | 8 | 14 | 8 | 3 | 2 | 4 | 7 | 13 | 8 |
| <i>Death rate: Tuberculosis</i> | 14 | 29 | 89 | 147 | 209 | 40 | 9 | 17 | 37 | 56 | 55 | 20 |
| Death rate attributable to tobacco | 2 | 2 | 5 | 7 | 14 | 3 | 0 | 0 | 1 | 3 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 17 | 8 | 5 | 5 | 7 | 8 | 5 | 2 | 3 | 5 | 8 | 4 |
| <i>Death rate: Lower respiratory infections</i> | 3 | 10 | 46 | 164 | 890 | 38 | 2 | 5 | 25 | 99 | 802 | 39 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 22 | 164 | 6 | 0 | 0 | 2 | 11 | 133 | 6 |
| Proportion of deaths attributable to tobacco (%) | 21 | 13 | 12 | 13 | 18 | 16 | 7 | 6 | 8 | 11 | 17 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 100 | 571 | 2,008 | 5,082 | 12,681 | 1,050 | 73 | 360 | 1,245 | 3,731 | 11,156 | 941 |
| Death rate attributable to tobacco | 27 | 102 | 323 | 826 | 1,838 | 174 | 4 | 19 | 119 | 630 | 1,375 | 115 |
| Proportion of deaths attributable to tobacco (%) | 27 | 18 | 16 | 16 | 14 | 17 | 6 | 5 | 10 | 17 | 12 | 12 |
| <i>Death rate: All malignant neoplasms</i> | 41 | 250 | 708 | 1,364 | 2,011 | 312 | 33 | 145 | 361 | 729 | 1,163 | 196 |
| Death rate attributable to tobacco | 12 | 53 | 176 | 384 | 577 | 80 | 1 | 6 | 34 | 120 | 166 | 21 |
| Proportion of deaths attributable to tobacco (%) | 28 | 21 | 25 | 28 | 29 | 26 | 4 | 4 | 9 | 17 | 14 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 6 | 50 | 183 | 367 | 463 | 74 | 4 | 22 | 71 | 145 | 157 | 33 |
| Death rate attributable to tobacco | 3 | 27 | 112 | 252 | 344 | 47 | 1 | 4 | 24 | 75 | 84 | 13 |
| Proportion of deaths attributable to tobacco (%) | 52 | 55 | 61 | 69 | 74 | 63 | 18 | 17 | 33 | 52 | 53 | 38 |
| <i>Death rate: All other malignant neoplasms</i> | 35 | 199 | 525 | 998 | 1,549 | 239 | 29 | 123 | 290 | 583 | 1,006 | 163 |
| Death rate attributable to tobacco | 8 | 26 | 64 | 133 | 233 | 33 | 1 | 2 | 10 | 45 | 82 | 8 |
| Proportion of deaths attributable to tobacco (%) | 24 | 13 | 12 | 13 | 15 | 14 | 2 | 2 | 4 | 8 | 8 | 5 |
| <i>Death rate: All Cardiovascular diseases</i> | 27 | 190 | 792 | 2,204 | 6,327 | 436 | 19 | 128 | 525 | 1,779 | 6,101 | 445 |
| Death rate attributable to tobacco | 14 | 33 | 56 | 85 | 51 | 30 | 2 | 9 | 35 | 132 | 164 | 23 |
| Proportion of deaths attributable to tobacco (%) | 49 | 18 | 7 | 4 | 1 | 7 | 11 | 7 | 7 | 7 | 3 | 5 |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 53 | 212 | 572 | 1,606 | 115 | 5 | 25 | 130 | 425 | 1,491 | 107 |
| Death rate attributable to tobacco | 5 | 11 | 19 | 28 | 13 | 10 | 0 | 2 | 9 | 26 | 69 | 6 |
| Proportion of deaths attributable to tobacco (%) | 55 | 21 | 9 | 5 | 1 | 9 | 7 | 8 | 7 | 6 | 5 | 6 |
| <i>Death rate: Cerebrovascular disease</i> | 11 | 99 | 437 | 1,213 | 3,215 | 231 | 7 | 72 | 275 | 954 | 3,015 | 229 |
| Death rate attributable to tobacco | 4 | 14 | 24 | 37 | 22 | 12 | 1 | 4 | 17 | 76 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 36 | 14 | 6 | 3 | 1 | 5 | 14 | 6 | 6 | 8 | - | 4 |
| <i>Death rate: Other cardiovascular diseases</i> | 8 | 38 | 142 | 419 | 1,506 | 90 | 7 | 31 | 120 | 400 | 1,595 | 109 |
| Death rate attributable to tobacco | 5 | 8 | 13 | 20 | 15 | 8 | 1 | 3 | 9 | 29 | 95 | 8 |
| Proportion of deaths attributable to tobacco (%) | 61 | 22 | 9 | 5 | 1 | 9 | 10 | 8 | 8 | 7 | 6 | 7 |
| <u>Death rate: Respiratory diseases</u> | 5 | 47 | 303 | 1,049 | 3,176 | 184 | 4 | 32 | 206 | 817 | 2,761 | 189 |
| Death rate attributable to tobacco | 1 | 15 | 89 | 352 | 1,196 | 62 | 1 | 4 | 49 | 371 | 1,032 | 69 |
| Proportion of deaths attributable to tobacco (%) | 32 | 32 | 29 | 34 | 38 | 34 | 15 | 12 | 24 | 45 | 37 | 37 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 35 | 265 | 954 | 2,789 | 160 | 1 | 24 | 185 | 750 | 2,451 | 167 |
| Death rate attributable to tobacco | 1 | 14 | 85 | 340 | 1,134 | 59 | 0 | 4 | 48 | 364 | 982 | 67 |
| Proportion of deaths attributable to tobacco (%) | 72 | 40 | 32 | 36 | 41 | 37 | 34 | 15 | 26 | 49 | 40 | 40 |
| <i>Death rate: Other respiratory diseases</i> | 3 | 13 | 38 | 95 | 387 | 24 | 3 | 8 | 20 | 67 | 310 | 21 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 12 | 63 | 3 | 0 | 0 | 1 | 7 | 50 | 2 |
| Proportion of deaths attributable to tobacco (%) | 20 | 9 | 10 | 12 | 16 | 13 | 7 | 3 | 6 | 11 | 16 | 12 |

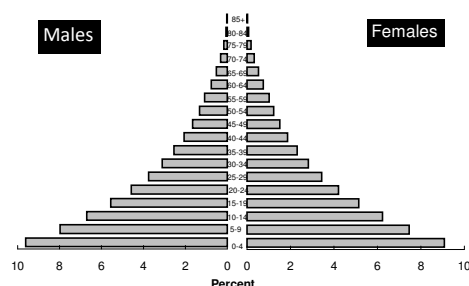
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Afghanistan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 9,197 | 8,562 | 17,759 |
| 30-44 | 1,857 | 1,686 | 3,543 |
| 45-59 | 974 | 904 | 1,878 |
| 60-69 | 309 | 306 | 615 |
| 70-79 | 115 | 123 | 238 |
| 80+ | 20 | 24 | 43 |
| Total | 12,472 | 11,605 | 24,076 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1677 per 100,000 population) was about 3.2 times that for communicable diseases (529 per 100,000). Tobacco was responsible for 20% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 479 deaths per 100,000 population aged 30 years and over, with 27% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 26 deaths per 100,000 population but with 78% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 36% of all lower respiratory infection deaths and 17% of all tuberculosis deaths.

- The death rate due to tobacco in men was (609 per 100,000 men aged 30 years and over) compared with women (123 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 6% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 19.6% of those whose death was due to a lower respiratory infection, 36.8% of deaths due to the category of 'all cardiovascular diseases combined', and 79.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,336 | 2,215 | 4,337 | 9,068 | 18,821 | 2,301 |
| Death rate attributable to tobacco | 328 | 454 | 385 | 413 | 414 | 375 |
| Proportion of deaths attributable to tobacco (%) | 25 | 21 | 9 | 5 | 2 | 16 |
| Death rate: Communicable diseases | 569 | 368 | 488 | 873 | 2,970 | 529 |
| Death rate attributable to tobacco | 61 | 26 | 20 | 16 | 38 | 45 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 4 | 2 | 1 | 8 |
| Death rate: Tuberculosis | 65 | 127 | 258 | 296 | 412 | 113 |
| Death rate attributable to tobacco | 22 | 16 | 16 | 11 | 14 | 19 |
| Proportion of deaths attributable to tobacco (%) | 33 | 13 | 6 | 4 | 3 | 17 |
| Death rate: Lower respiratory infections | 87 | 52 | 37 | 60 | 356 | 73 |
| Death rate attributable to tobacco | 39 | 10 | 4 | 4 | 24 | 26 |
| Proportion of deaths attributable to tobacco (%) | 45 | 20 | 11 | 7 | 7 | 36 |
| Death rate: Noncommunicable diseases | 662 | 1,768 | 3,779 | 8,077 | 15,685 | 1,677 |
| Death rate attributable to tobacco | 267 | 428 | 365 | 398 | 376 | 330 |
| Proportion of deaths attributable to tobacco (%) | 40 | 24 | 10 | 5 | 2 | 20 |
| Death rate: All malignant neoplasms | 144 | 306 | 472 | 719 | 905 | 251 |
| Death rate attributable to tobacco | 44 | 79 | 111 | 133 | 138 | 65 |
| Proportion of deaths attributable to tobacco (%) | 30 | 26 | 23 | 18 | 15 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 11 | 34 | 64 | 88 | 85 | 26 |
| Death rate attributable to tobacco | 9 | 27 | 47 | 59 | 57 | 20 |
| Proportion of deaths attributable to tobacco (%) | 85 | 79 | 73 | 67 | 67 | 78 |
| Death rate: All other malignant neoplasms | 133 | 272 | 408 | 631 | 820 | 225 |
| Death rate attributable to tobacco | 35 | 52 | 64 | 73 | 81 | 45 |
| Proportion of deaths attributable to tobacco (%) | 26 | 19 | 16 | 12 | 10 | 20 |
| Death rate: All Cardiovascular diseases | 244 | 849 | 2,127 | 5,084 | 10,953 | 863 |
| Death rate attributable to tobacco | 190 | 312 | 187 | 140 | 33 | 223 |
| Proportion of deaths attributable to tobacco (%) | 78 | 37 | 9 | 3 | 0 | 26 |
| Death rate: Ischaemic heart disease | 134 | 522 | 1,227 | 2,588 | 4,655 | 479 |
| Death rate attributable to tobacco | 105 | 191 | 110 | 74 | 13 | 129 |
| Proportion of deaths attributable to tobacco (%) | 79 | 37 | 9 | 3 | 0 | 27 |
| Death rate: Cerebrovascular disease | 26 | 113 | 348 | 901 | 2,037 | 130 |
| Death rate attributable to tobacco | 18 | 41 | 28 | 21 | 6 | 26 |
| Proportion of deaths attributable to tobacco (%) | 68 | 36 | 8 | 2 | 0 | 20 |
| Death rate: Other cardiovascular diseases | 84 | 214 | 553 | 1,595 | 4,261 | 254 |
| Death rate attributable to tobacco | 67 | 80 | 49 | 45 | 14 | 68 |
| Proportion of deaths attributable to tobacco (%) | 80 | 38 | 9 | 3 | 0 | 27 |
| Death rate: Respiratory diseases | 56 | 80 | 217 | 544 | 1,060 | 104 |
| Death rate attributable to tobacco | 30 | 33 | 63 | 120 | 200 | 39 |
| Proportion of deaths attributable to tobacco (%) | 54 | 41 | 29 | 22 | 19 | 37 |
| Death rate: Chronic obstructive pulmonary disease | 10 | 37 | 133 | 352 | 659 | 47 |
| Death rate attributable to tobacco | 9 | 25 | 55 | 109 | 180 | 23 |
| Proportion of deaths attributable to tobacco (%) | 90 | 67 | 42 | 31 | 27 | 49 |
| Death rate: Other respiratory diseases | 46 | 42 | 83 | 192 | 402 | 57 |
| Death rate attributable to tobacco | 22 | 8 | 7 | 11 | 20 | 16 |
| Proportion of deaths attributable to tobacco (%) | 47 | 19 | 9 | 6 | 5 | 28 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,483 | 2,566 | 4,866 | 9,827 | 20,226 | 2,530 | 1,175 | 1,837 | 3,802 | 8,360 | 17,666 | 2,056 |
| Death rate attributable to tobacco | 525 | 697 | 724 | 856 | 917 | 609 | 111 | 192 | 42 | - | - | 123 |
| Proportion of deaths attributable to tobacco (%) | 35 | 27 | 15 | 9 | 5 | 24 | 9 | 10 | 1 | - | - | 6 |
| <u>Death rate: Communicable diseases</u> | 262 | 403 | 637 | 1,179 | 3,153 | 389 | 907 | 330 | 337 | 589 | 2,820 | 680 |
| Death rate attributable to tobacco | 68 | 41 | 39 | 32 | 84 | 56 | 53 | 10 | 1 | - | - | 33 |
| Proportion of deaths attributable to tobacco (%) | 26 | 10 | 6 | 3 | 3 | 14 | 6 | 3 | 0 | - | - | 5 |
| <u>Death rate: Tuberculosis</u> | 66 | 129 | 287 | 318 | 477 | 117 | 64 | 125 | 228 | 276 | 359 | 109 |
| Death rate attributable to tobacco | 25 | 25 | 30 | 24 | 30 | 26 | 18 | 6 | 1 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 38 | 19 | 11 | 7 | 6 | 22 | 28 | 5 | 0 | - | - | 11 |
| <u>Death rate: Lower respiratory infections</u> | 91 | 62 | 56 | 79 | 593 | 81 | 84 | 42 | 18 | 41 | 162 | 64 |
| Death rate attributable to tobacco | 43 | 16 | 8 | 8 | 53 | 30 | 36 | 4 | 0 | - | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 47 | 26 | 15 | 10 | 9 | 37 | 42 | 9 | 1 | - | - | 33 |
| <u>Death rate: Noncommunicable diseases</u> | 1,037 | 2,038 | 4,151 | 8,547 | 16,943 | 1,988 | 250 | 1,476 | 3,403 | 7,639 | 14,651 | 1,343 |
| Death rate attributable to tobacco | 457 | 656 | 685 | 824 | 833 | 553 | 57 | 182 | 41 | - | - | 90 |
| Proportion of deaths attributable to tobacco (%) | 44 | 32 | 17 | 10 | 5 | 28 | 23 | 12 | 1 | - | - | 7 |
| <u>Death rate: All malignant neoplasms</u> | 167 | 313 | 588 | 936 | 1,323 | 284 | 119 | 298 | 355 | 516 | 561 | 216 |
| Death rate attributable to tobacco | 64 | 129 | 215 | 275 | 305 | 106 | 21 | 26 | 5 | - | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 38 | 41 | 37 | 29 | 23 | 37 | 18 | 9 | 1 | - | - | 9 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 15 | 53 | 109 | 154 | 168 | 41 | 6 | 13 | 18 | 27 | 17 | 11 |
| Death rate attributable to tobacco | 13 | 46 | 92 | 123 | 125 | 35 | 5 | 6 | 2 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 89 | 87 | 84 | 80 | 75 | 85 | 75 | 49 | 10 | - | - | 45 |
| <u>Death rate: All other malignant neoplasms</u> | 152 | 260 | 479 | 782 | 1,156 | 243 | 113 | 285 | 337 | 489 | 544 | 205 |
| Death rate attributable to tobacco | 51 | 83 | 124 | 152 | 179 | 72 | 17 | 20 | 3 | - | - | 15 |
| Proportion of deaths attributable to tobacco (%) | 33 | 32 | 26 | 19 | 16 | 29 | 15 | 7 | 1 | - | - | 8 |
| <u>Death rate: All Cardiovascular diseases</u> | 417 | 1,046 | 2,332 | 5,227 | 11,382 | 1,019 | 53 | 636 | 1,920 | 4,951 | 10,600 | 695 |
| Death rate attributable to tobacco | 340 | 476 | 347 | 289 | 72 | 378 | 26 | 135 | 25 | - | - | 57 |
| Proportion of deaths attributable to tobacco (%) | 81 | 46 | 15 | 6 | 1 | 37 | 49 | 21 | 1 | - | - | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 235 | 692 | 1,436 | 2,848 | 4,933 | 604 | 23 | 337 | 1,015 | 2,346 | 4,426 | 345 |
| Death rate attributable to tobacco | 192 | 307 | 206 | 152 | 29 | 225 | 10 | 65 | 12 | - | - | 26 |
| Proportion of deaths attributable to tobacco (%) | 82 | 44 | 14 | 5 | 1 | 37 | 44 | 19 | 1 | - | - | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 43 | 124 | 357 | 913 | 2,132 | 140 | 7 | 101 | 338 | 890 | 1,959 | 119 |
| Death rate attributable to tobacco | 29 | 56 | 51 | 43 | 12 | 40 | 5 | 24 | 5 | - | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 68 | 45 | 14 | 5 | 1 | 28 | 69 | 24 | 1 | - | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 139 | 229 | 539 | 1,466 | 4,317 | 275 | 23 | 197 | 567 | 1,716 | 4,215 | 231 |
| Death rate attributable to tobacco | 118 | 113 | 90 | 94 | 31 | 113 | 11 | 45 | 8 | - | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 85 | 49 | 17 | 6 | 1 | 41 | 50 | 23 | 1 | - | - | 9 |
| <u>Death rate: Respiratory diseases</u> | 90 | 90 | 251 | 624 | 1,264 | 131 | 18 | 68 | 182 | 470 | 893 | 75 |
| Death rate attributable to tobacco | 49 | 46 | 115 | 248 | 443 | 64 | 9 | 19 | 10 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 55 | 51 | 46 | 40 | 35 | 49 | 50 | 28 | 5 | - | - | 16 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 15 | 42 | 155 | 405 | 767 | 55 | 3 | 33 | 111 | 303 | 570 | 39 |
| Death rate attributable to tobacco | 14 | 33 | 101 | 226 | 398 | 38 | 3 | 16 | 9 | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 91 | 79 | 65 | 56 | 52 | 69 | 87 | 49 | 8 | - | - | 18 |
| <u>Death rate: Other respiratory diseases</u> | 75 | 49 | 96 | 219 | 497 | 77 | 15 | 36 | 70 | 167 | 323 | 35 |
| Death rate attributable to tobacco | 35 | 13 | 14 | 23 | 45 | 26 | 6 | 3 | 1 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 47 | 26 | 15 | 10 | 9 | 34 | 42 | 9 | 1 | - | - | 13 |

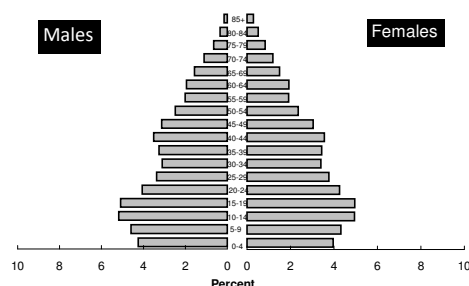
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Albania

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 832 | 822 | 1,654 |
| 30-44 | 309 | 326 | 635 |
| 45-59 | 239 | 229 | 468 |
| 60-69 | 110 | 107 | 217 |
| 70-79 | 55 | 63 | 118 |
| 80+ | 16 | 25 | 41 |
| Total | 1,561 | 1,573 | 3,134 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1478 per 100,000 population) was about 27.5 times that for communicable diseases (54 per 100,000). Tobacco was responsible for 19% of all NCDs compared with 16% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 352 deaths per 100,000 population aged 30 years and over, with 20% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 76 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 25% of all tuberculosis deaths.

- The death rate due to tobacco in men was (471 per 100,000 men aged 30 years and over) compared with women (110 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 8% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 30.7% of those whose death was due to a lower respiratory infection, 53.8% of deaths due to the category of 'all cardiovascular diseases combined', and 87.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 204 | 599 | 2,200 | 6,723 | 16,829 | 1,606 |
| Death rate attributable to tobacco | 55 | 204 | 618 | 1,159 | 575 | 287 |
| Proportion of deaths attributable to tobacco (%) | 27 | 34 | 28 | 17 | 3 | 18 |
| Death rate: Communicable diseases | 11 | 17 | 64 | 207 | 644 | 54 |
| Death rate attributable to tobacco | 3 | 3 | 11 | 37 | 56 | 8 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 18 | 18 | 9 | 16 |
| Death rate: Tuberculosis | 3 | 8 | 13 | 17 | 33 | 8 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 3 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 38 | 28 | 23 | 18 | 12 | 25 |
| Death rate: Lower respiratory infections | 2 | 4 | 29 | 142 | 506 | 32 |
| Death rate attributable to tobacco | 1 | 1 | 8 | 33 | 51 | 6 |
| Proportion of deaths attributable to tobacco (%) | 47 | 31 | 26 | 23 | 10 | 19 |
| Death rate: Noncommunicable diseases | 130 | 507 | 2,054 | 6,401 | 16,088 | 1,478 |
| Death rate attributable to tobacco | 52 | 200 | 607 | 1,123 | 519 | 279 |
| Proportion of deaths attributable to tobacco (%) | 40 | 39 | 30 | 18 | 3 | 19 |
| Death rate: All malignant neoplasms | 49 | 193 | 589 | 1,166 | 1,269 | 297 |
| Death rate attributable to tobacco | 15 | 71 | 234 | 380 | 244 | 100 |
| Proportion of deaths attributable to tobacco (%) | 31 | 37 | 40 | 33 | 19 | 34 |
| Death rate: Trachea, bronchus, lung cancers | 11 | 57 | 179 | 275 | 188 | 76 |
| Death rate attributable to tobacco | 9 | 50 | 162 | 245 | 147 | 67 |
| Proportion of deaths attributable to tobacco (%) | 84 | 88 | 91 | 89 | 78 | 88 |
| Death rate: All other malignant neoplasms | 39 | 136 | 410 | 891 | 1,081 | 221 |
| Death rate attributable to tobacco | 6 | 21 | 71 | 134 | 97 | 33 |
| Proportion of deaths attributable to tobacco (%) | 16 | 15 | 17 | 15 | 9 | 15 |
| Death rate: All Cardiovascular diseases | 49 | 231 | 1,133 | 4,386 | 12,823 | 968 |
| Death rate attributable to tobacco | 35 | 124 | 335 | 609 | 127 | 156 |
| Proportion of deaths attributable to tobacco (%) | 72 | 54 | 30 | 14 | 1 | 16 |
| Death rate: Ischaemic heart disease | 19 | 132 | 556 | 1,614 | 3,292 | 352 |
| Death rate attributable to tobacco | 13 | 71 | 163 | 222 | 34 | 71 |
| Proportion of deaths attributable to tobacco (%) | 72 | 54 | 29 | 14 | 1 | 20 |
| Death rate: Cerebrovascular disease | 13 | 53 | 336 | 1,648 | 5,247 | 350 |
| Death rate attributable to tobacco | 9 | 28 | 94 | 216 | 38 | 45 |
| Proportion of deaths attributable to tobacco (%) | 69 | 52 | 28 | 13 | 1 | 13 |
| Death rate: Other cardiovascular diseases | 18 | 45 | 241 | 1,124 | 4,285 | 267 |
| Death rate attributable to tobacco | 13 | 25 | 78 | 171 | 54 | 40 |
| Proportion of deaths attributable to tobacco (%) | 74 | 56 | 33 | 15 | 1 | 15 |
| Death rate: Respiratory diseases | 3 | 8 | 61 | 264 | 599 | 50 |
| Death rate attributable to tobacco | 2 | 4 | 32 | 124 | 144 | 21 |
| Proportion of deaths attributable to tobacco (%) | 59 | 50 | 53 | 47 | 24 | 41 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 3 | 29 | 116 | 241 | 22 |
| Death rate attributable to tobacco | 1 | 2 | 22 | 89 | 95 | 14 |
| Proportion of deaths attributable to tobacco (%) | 90 | 82 | 75 | 76 | 39 | 65 |
| Death rate: Other respiratory diseases | 2 | 5 | 32 | 148 | 358 | 29 |
| Death rate attributable to tobacco | 1 | 2 | 10 | 36 | 49 | 7 |
| Proportion of deaths attributable to tobacco (%) | 47 | 33 | 32 | 24 | 14 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 271 | 761 | 2,834 | 8,338 | 19,763 | 1,850 | 139 | 429 | 1,551 | 5,318 | 15,005 | 1,370 |
| Death rate attributable to tobacco | 82 | 321 | 1,004 | 1,981 | 1,366 | 471 | 29 | 81 | 223 | 445 | 84 | 110 |
| Proportion of deaths attributable to tobacco (%) | 30 | 42 | 35 | 24 | 7 | 25 | 21 | 19 | 14 | 8 | 1 | 8 |
| <u>Death rate: Communicable diseases</u> | 16 | 21 | 79 | 270 | 695 | 61 | 6 | 12 | 49 | 152 | 612 | 47 |
| Death rate attributable to tobacco | 5 | 6 | 18 | 62 | 135 | 14 | 0 | 1 | 4 | 15 | 8 | 3 |
| Proportion of deaths attributable to tobacco (%) | 32 | 28 | 23 | 23 | 19 | 24 | 4 | 8 | 9 | 10 | 1 | 5 |
| <u>Death rate: Tuberculosis</u> | 7 | 13 | 20 | 24 | 60 | 13 | - | 2 | 6 | 12 | 16 | 3 |
| Death rate attributable to tobacco | 3 | 4 | 5 | 6 | 10 | 4 | - | 0 | 0 | 1 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 31 | 27 | 24 | 17 | 29 | | 11 | 8 | 7 | 1 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 5 | 33 | 177 | 532 | 33 | 1 | 3 | 24 | 113 | 490 | 31 |
| Death rate attributable to tobacco | 2 | 2 | 12 | 55 | 122 | 10 | 0 | 1 | 3 | 13 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 39 | 35 | 31 | 23 | 30 | 46 | 19 | 14 | 12 | 1 | 7 |
| <u>Death rate: Noncommunicable diseases</u> | 151 | 627 | 2,629 | 7,917 | 18,948 | 1,675 | 110 | 383 | 1,465 | 5,082 | 14,311 | 1,287 |
| Death rate attributable to tobacco | 77 | 315 | 986 | 1,919 | 1,231 | 456 | 29 | 80 | 218 | 430 | 76 | 107 |
| Proportion of deaths attributable to tobacco (%) | 51 | 50 | 38 | 24 | 6 | 27 | 26 | 21 | 15 | 8 | 1 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 49 | 205 | 768 | 1,697 | 1,952 | 374 | 50 | 181 | 406 | 705 | 844 | 223 |
| Death rate attributable to tobacco | 21 | 118 | 420 | 747 | 623 | 181 | 10 | 21 | 44 | 60 | 8 | 22 |
| Proportion of deaths attributable to tobacco (%) | 43 | 58 | 55 | 44 | 32 | 48 | 19 | 12 | 11 | 8 | 1 | 10 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 14 | 90 | 308 | 513 | 419 | 130 | 7 | 22 | 48 | 69 | 45 | 24 |
| Death rate attributable to tobacco | 13 | 83 | 291 | 482 | 376 | 121 | 5 | 15 | 31 | 39 | 5 | 15 |
| Proportion of deaths attributable to tobacco (%) | 88 | 92 | 94 | 94 | 90 | 93 | 77 | 69 | 65 | 57 | 10 | 62 |
| <u>Death rate: All other malignant neoplasms</u> | 35 | 114 | 460 | 1,184 | 1,533 | 244 | 43 | 159 | 358 | 636 | 799 | 199 |
| Death rate attributable to tobacco | 9 | 35 | 129 | 265 | 247 | 60 | 4 | 6 | 13 | 21 | 3 | 8 |
| Proportion of deaths attributable to tobacco (%) | 25 | 31 | 28 | 22 | 16 | 25 | 10 | 4 | 4 | 3 | 0 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 67 | 314 | 1,426 | 5,100 | 14,489 | 1,046 | 31 | 145 | 833 | 3,766 | 11,787 | 894 |
| Death rate attributable to tobacco | 53 | 189 | 510 | 938 | 271 | 238 | 18 | 57 | 157 | 323 | 37 | 76 |
| Proportion of deaths attributable to tobacco (%) | 80 | 60 | 36 | 18 | 2 | 23 | 57 | 39 | 19 | 9 | 0 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 28 | 202 | 758 | 2,094 | 3,972 | 436 | 10 | 60 | 350 | 1,197 | 2,869 | 271 |
| Death rate attributable to tobacco | 23 | 119 | 263 | 380 | 68 | 119 | 5 | 21 | 60 | 84 | 13 | 25 |
| Proportion of deaths attributable to tobacco (%) | 82 | 59 | 35 | 18 | 2 | 27 | 47 | 36 | 17 | 7 | 0 | 9 |
| <u>Death rate: Cerebrovascular disease</u> | 16 | 57 | 378 | 1,806 | 5,767 | 344 | 9 | 50 | 293 | 1,510 | 4,923 | 355 |
| Death rate attributable to tobacco | 11 | 34 | 130 | 296 | 99 | 60 | 7 | 21 | 58 | 146 | - | 30 |
| Proportion of deaths attributable to tobacco (%) | 68 | 60 | 34 | 16 | 2 | 17 | 72 | 42 | 20 | 10 | - | 8 |
| <u>Death rate: Other cardiovascular diseases</u> | 23 | 55 | 291 | 1,200 | 4,750 | 265 | 12 | 35 | 191 | 1,059 | 3,995 | 268 |
| Death rate attributable to tobacco | 20 | 36 | 117 | 262 | 104 | 60 | 6 | 15 | 39 | 93 | 23 | 22 |
| Proportion of deaths attributable to tobacco (%) | 85 | 65 | 40 | 22 | 2 | 23 | 53 | 42 | 21 | 9 | 1 | 8 |
| <u>Death rate: Respiratory diseases</u> | 4 | 11 | 87 | 387 | 798 | 65 | 2 | 5 | 35 | 157 | 475 | 36 |
| Death rate attributable to tobacco | 2 | 6 | 47 | 218 | 325 | 34 | 1 | 2 | 17 | 43 | 31 | 8 |
| Proportion of deaths attributable to tobacco (%) | 60 | 56 | 54 | 56 | 41 | 52 | 59 | 36 | 48 | 27 | 7 | 22 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 4 | 33 | 186 | 266 | 27 | 1 | 2 | 25 | 55 | 226 | 17 |
| Death rate attributable to tobacco | 1 | 4 | 28 | 155 | 203 | 22 | 0 | 1 | 15 | 31 | 27 | 6 |
| Proportion of deaths attributable to tobacco (%) | 91 | 87 | 86 | 83 | 76 | 83 | 89 | 69 | 60 | 56 | 12 | 38 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 7 | 54 | 201 | 532 | 38 | 1 | 3 | 9 | 102 | 249 | 20 |
| Death rate attributable to tobacco | 1 | 3 | 19 | 63 | 122 | 12 | 1 | 1 | 1 | 12 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 39 | 35 | 31 | 23 | 31 | 46 | 19 | 14 | 12 | 1 | 9 |

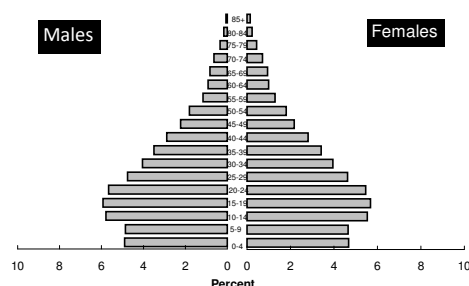
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Algeria

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 10,324 | 9,915 | 20,239 |
| 30-44 | 3,376 | 3,292 | 6,668 |
| 45-59 | 1,681 | 1,702 | 3,383 |
| 60-69 | 564 | 627 | 1,191 |
| 70-79 | 317 | 371 | 687 |
| 80+ | 73 | 124 | 197 |
| Total | 16,335 | 16,030 | 32,366 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (790 per 100,000 population) was about 3.9 times that for communicable diseases (203 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 112 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 25 deaths per 100,000 population but with 76% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (177 per 100,000 men aged 30 years and over) compared with women (5 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 0% for women.

- Among those who died prematurely, almost one in every 328 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 9.9% of those whose death was due to a lower respiratory infection, 16.3% of deaths due to the category of 'all cardiovascular diseases combined', and 71.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 190 | 637 | 2,129 | 5,579 | 15,653 | 1,062 |
| Death rate attributable to tobacco | 1 | 70 | 260 | 547 | 835 | 90 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 12 | 10 | 5 | 8 |
| Death rate: Communicable diseases | 36 | 104 | 353 | 1,043 | 3,734 | 203 |
| Death rate attributable to tobacco | 0 | 5 | 24 | 70 | 224 | 11 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 7 | 7 | 6 | 6 |
| Death rate: Tuberculosis | 3 | 3 | 4 | 4 | 3 | 3 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 9 | 10 | 10 | 12 | 5 |
| Death rate: Lower respiratory infections | 8 | 44 | 195 | 604 | 2,311 | 107 |
| Death rate attributable to tobacco | 0 | 4 | 23 | 69 | 221 | 11 |
| Proportion of deaths attributable to tobacco (%) | 0 | 10 | 12 | 11 | 10 | 10 |
| Death rate: Noncommunicable diseases | 111 | 476 | 1,676 | 4,338 | 11,415 | 790 |
| Death rate attributable to tobacco | 1 | 65 | 236 | 477 | 612 | 79 |
| Proportion of deaths attributable to tobacco (%) | 0 | 14 | 14 | 11 | 5 | 10 |
| Death rate: All malignant neoplasms | 18 | 103 | 345 | 789 | 1,463 | 141 |
| Death rate attributable to tobacco | 0 | 19 | 90 | 184 | 280 | 29 |
| Proportion of deaths attributable to tobacco (%) | 0 | 19 | 26 | 23 | 19 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 17 | 78 | 150 | 191 | 25 |
| Death rate attributable to tobacco | 0 | 12 | 62 | 120 | 152 | 19 |
| Proportion of deaths attributable to tobacco (%) | 2 | 72 | 79 | 80 | 80 | 76 |
| Death rate: All other malignant neoplasms | 17 | 86 | 267 | 639 | 1,272 | 116 |
| Death rate attributable to tobacco | 0 | 7 | 29 | 64 | 127 | 11 |
| Proportion of deaths attributable to tobacco (%) | 0 | 8 | 11 | 10 | 10 | 9 |
| Death rate: All Cardiovascular diseases | 37 | 193 | 740 | 2,126 | 6,484 | 373 |
| Death rate attributable to tobacco | 0 | 31 | 76 | 118 | 45 | 24 |
| Proportion of deaths attributable to tobacco (%) | 1 | 16 | 10 | 6 | 1 | 6 |
| Death rate: Ischaemic heart disease | 7 | 64 | 272 | 670 | 1,601 | 112 |
| Death rate attributable to tobacco | 0 | 13 | 32 | 43 | 12 | 9 |
| Proportion of deaths attributable to tobacco (%) | 1 | 20 | 12 | 6 | 1 | 8 |
| Death rate: Cerebrovascular disease | 15 | 72 | 272 | 778 | 2,285 | 136 |
| Death rate attributable to tobacco | 0 | 11 | 25 | 36 | 13 | 8 |
| Proportion of deaths attributable to tobacco (%) | 0 | 15 | 9 | 5 | 1 | 6 |
| Death rate: Other cardiovascular diseases | 16 | 57 | 197 | 677 | 2,597 | 124 |
| Death rate attributable to tobacco | 0 | 8 | 20 | 39 | 20 | 7 |
| Proportion of deaths attributable to tobacco (%) | 1 | 14 | 10 | 6 | 1 | 5 |
| Death rate: Respiratory diseases | 14 | 53 | 197 | 477 | 1,052 | 86 |
| Death rate attributable to tobacco | 0 | 13 | 64 | 161 | 264 | 23 |
| Proportion of deaths attributable to tobacco (%) | 1 | 24 | 33 | 34 | 25 | 27 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 21 | 98 | 246 | 481 | 39 |
| Death rate attributable to tobacco | 0 | 10 | 53 | 133 | 206 | 19 |
| Proportion of deaths attributable to tobacco (%) | 3 | 48 | 53 | 54 | 43 | 49 |
| Death rate: Other respiratory diseases | 11 | 33 | 99 | 231 | 572 | 48 |
| Death rate attributable to tobacco | 0 | 3 | 12 | 27 | 58 | 5 |
| Proportion of deaths attributable to tobacco (%) | 0 | 9 | 12 | 12 | 10 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 197 | 704 | 2,461 | 6,093 | 15,771 | 1,052 | 182 | 572 | 1,830 | 5,139 | 15,584 | 1,072 |
| Death rate attributable to tobacco | 1 | 140 | 549 | 1,101 | 2,245 | 177 | - | - | - | 75 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 20 | 22 | 18 | 14 | 17 | - | - | - | 1 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 47 | 129 | 427 | 1,177 | 3,799 | 211 | 25 | 80 | 286 | 928 | 3,696 | 196 |
| Death rate attributable to tobacco | 0 | 10 | 51 | 141 | 601 | 22 | - | - | - | 9 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 7 | 12 | 12 | 16 | 11 | - | - | - | 1 | - | 0 |
| <i>Death rate: Tuberculosis</i> | 4 | 5 | 6 | 6 | 6 | 5 | 2 | 2 | 3 | 3 | 2 | 2 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 1 | 0 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 12 | 14 | 14 | 18 | 7 | - | - | - | 1 | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 13 | 54 | 251 | 721 | 2,437 | 114 | 2 | 34 | 145 | 504 | 2,237 | 101 |
| Death rate attributable to tobacco | 0 | 9 | 49 | 139 | 595 | 22 | - | - | - | 9 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 16 | 20 | 19 | 24 | 19 | - | - | - | 2 | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 100 | 504 | 1,916 | 4,668 | 11,535 | 763 | 124 | 449 | 1,460 | 4,057 | 11,344 | 817 |
| Death rate attributable to tobacco | 1 | 131 | 499 | 960 | 1,644 | 155 | - | - | - | 66 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | 26 | 26 | 21 | 14 | 20 | - | - | - | 2 | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 12 | 101 | 413 | 979 | 2,054 | 151 | 24 | 105 | 283 | 628 | 1,113 | 132 |
| Death rate attributable to tobacco | 0 | 39 | 191 | 389 | 751 | 59 | - | - | - | 10 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 39 | 46 | 40 | 37 | 39 | - | - | - | 2 | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 32 | 148 | 285 | 451 | 44 | 1 | 3 | 15 | 35 | 36 | 5 |
| Death rate attributable to tobacco | 0 | 25 | 131 | 254 | 409 | 38 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 78 | 88 | 89 | 91 | 85 | - | - | - | 15 | - | 6 |
| <i>Death rate: All other malignant neoplasms</i> | 10 | 69 | 265 | 693 | 1,603 | 106 | 24 | 102 | 268 | 592 | 1,077 | 126 |
| Death rate attributable to tobacco | 0 | 14 | 60 | 135 | 342 | 21 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 20 | 23 | 19 | 21 | 20 | - | - | - | 1 | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 31 | 199 | 797 | 2,071 | 5,782 | 327 | 44 | 187 | 689 | 2,173 | 6,899 | 417 |
| Death rate attributable to tobacco | 1 | 63 | 160 | 224 | 120 | 46 | - | - | - | 28 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 32 | 20 | 11 | 2 | 14 | - | - | - | 1 | - | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 83 | 346 | 824 | 1,741 | 125 | 6 | 45 | 205 | 539 | 1,518 | 100 |
| Death rate attributable to tobacco | 0 | 25 | 67 | 86 | 32 | 18 | - | - | - | 6 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 30 | 19 | 10 | 2 | 15 | - | - | - | 1 | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 12 | 70 | 273 | 685 | 1,816 | 110 | 18 | 73 | 270 | 858 | 2,564 | 162 |
| Death rate attributable to tobacco | 0 | 22 | 52 | 64 | 34 | 15 | - | - | - | 13 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 31 | 19 | 9 | 2 | 13 | - | - | - | 1 | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 12 | 45 | 179 | 562 | 2,225 | 93 | 20 | 69 | 214 | 776 | 2,817 | 156 |
| Death rate attributable to tobacco | 0 | 16 | 42 | 73 | 53 | 13 | - | - | - | 10 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 35 | 23 | 13 | 2 | 14 | - | - | - | 1 | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 13 | 68 | 279 | 651 | 1,352 | 103 | 16 | 39 | 124 | 329 | 875 | 70 |
| Death rate attributable to tobacco | 0 | 26 | 136 | 319 | 710 | 46 | - | - | - | 25 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 38 | 49 | 49 | 53 | 44 | - | - | - | 8 | - | 2 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 29 | 152 | 365 | 711 | 52 | 3 | 12 | 50 | 145 | 344 | 26 |
| Death rate attributable to tobacco | 0 | 20 | 111 | 264 | 554 | 37 | - | - | - | 22 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 68 | 73 | 72 | 78 | 70 | - | - | - | 15 | - | 5 |
| <i>Death rate: Other respiratory diseases</i> | 10 | 38 | 126 | 285 | 640 | 51 | 13 | 27 | 75 | 184 | 531 | 44 |
| Death rate attributable to tobacco | 0 | 6 | 25 | 55 | 156 | 9 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 16 | 20 | 19 | 24 | 17 | - | - | - | 2 | - | 0 |

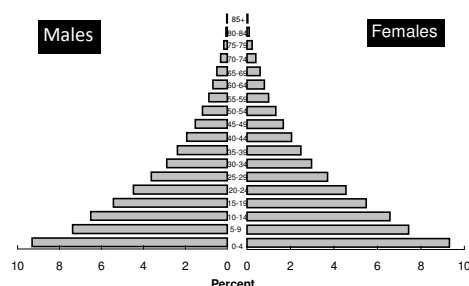
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Angola

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 5,747 | 5,795 | 11,541 |
| 30-44 | 1,125 | 1,172 | 2,298 |
| 45-59 | 561 | 624 | 1,185 |
| 60-69 | 184 | 219 | 402 |
| 70-79 | 76 | 99 | 174 |
| 80+ | 14 | 22 | 35 |
| Total | 7,706 | 7,930 | 15,636 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1423 per 100,000 population) was about 1.3 times that for communicable diseases (1062 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 186 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 68% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (277 per 100,000 men aged 30 years and over) compared with women (118 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 5% for women.

- Among those who died prematurely, almost one in every 19 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.9% of those whose death was due to a lower respiratory infection, 23.1% of deaths due to the category of 'all cardiovascular diseases combined', and 73.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,897 | 2,495 | 4,386 | 9,030 | 18,705 | 2,763 |
| Death rate attributable to tobacco | 102 | 285 | 361 | 358 | 472 | 194 |
| Proportion of deaths attributable to tobacco (%) | 5 | 11 | 8 | 4 | 3 | 7 |
| Death rate: Communicable diseases | 1,066 | 861 | 1,070 | 1,834 | 3,656 | 1,062 |
| Death rate attributable to tobacco | 36 | 44 | 43 | 40 | 81 | 39 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 4 | 2 | 2 | 4 |
| Death rate: Tuberculosis | 47 | 59 | 83 | 115 | 122 | 57 |
| Death rate attributable to tobacco | 3 | 8 | 5 | 4 | 4 | 5 |
| Proportion of deaths attributable to tobacco (%) | 6 | 13 | 6 | 4 | 4 | 8 |
| Death rate: Lower respiratory infections | 182 | 268 | 483 | 943 | 2,154 | 286 |
| Death rate attributable to tobacco | 31 | 35 | 37 | 36 | 76 | 33 |
| Proportion of deaths attributable to tobacco (%) | 17 | 13 | 8 | 4 | 4 | 12 |
| Death rate: Noncommunicable diseases | 506 | 1,411 | 3,149 | 6,938 | 14,631 | 1,423 |
| Death rate attributable to tobacco | 66 | 242 | 318 | 318 | 391 | 155 |
| Proportion of deaths attributable to tobacco (%) | 13 | 17 | 10 | 5 | 3 | 11 |
| Death rate: All malignant neoplasms | 79 | 304 | 648 | 1,257 | 1,987 | 267 |
| Death rate attributable to tobacco | 6 | 56 | 103 | 118 | 157 | 36 |
| Proportion of deaths attributable to tobacco (%) | 8 | 19 | 16 | 9 | 8 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 26 | 54 | 60 | 67 | 18 |
| Death rate attributable to tobacco | 2 | 19 | 37 | 38 | 42 | 12 |
| Proportion of deaths attributable to tobacco (%) | 57 | 73 | 68 | 63 | 62 | 68 |
| Death rate: All other malignant neoplasms | 76 | 278 | 594 | 1,197 | 1,920 | 249 |
| Death rate attributable to tobacco | 4 | 37 | 66 | 80 | 115 | 24 |
| Proportion of deaths attributable to tobacco (%) | 6 | 13 | 11 | 7 | 6 | 10 |
| Death rate: All Cardiovascular diseases | 168 | 568 | 1,388 | 3,409 | 8,159 | 610 |
| Death rate attributable to tobacco | 44 | 131 | 106 | 57 | 17 | 75 |
| Proportion of deaths attributable to tobacco (%) | 26 | 23 | 8 | 2 | 0 | 12 |
| Death rate: Ischaemic heart disease | 32 | 187 | 509 | 1,073 | 2,057 | 186 |
| Death rate attributable to tobacco | 4 | 52 | 41 | 22 | 5 | 22 |
| Proportion of deaths attributable to tobacco (%) | 13 | 28 | 8 | 2 | 0 | 12 |
| Death rate: Cerebrovascular disease | 69 | 215 | 515 | 1,269 | 2,920 | 231 |
| Death rate attributable to tobacco | 23 | 46 | 36 | 16 | 5 | 30 |
| Proportion of deaths attributable to tobacco (%) | 33 | 22 | 7 | 1 | 0 | 13 |
| Death rate: Other cardiovascular diseases | 67 | 166 | 363 | 1,067 | 3,182 | 194 |
| Death rate attributable to tobacco | 16 | 33 | 29 | 19 | 7 | 22 |
| Proportion of deaths attributable to tobacco (%) | 24 | 20 | 8 | 2 | 0 | 12 |
| Death rate: Respiratory diseases | 66 | 160 | 369 | 754 | 1,382 | 163 |
| Death rate attributable to tobacco | 14 | 49 | 102 | 136 | 207 | 39 |
| Proportion of deaths attributable to tobacco (%) | 21 | 30 | 28 | 18 | 15 | 24 |
| Death rate: Chronic obstructive pulmonary disease | 14 | 61 | 182 | 387 | 645 | 65 |
| Death rate attributable to tobacco | 4 | 34 | 87 | 120 | 181 | 28 |
| Proportion of deaths attributable to tobacco (%) | 30 | 56 | 48 | 31 | 28 | 42 |
| Death rate: Other respiratory diseases | 52 | 98 | 187 | 368 | 737 | 98 |
| Death rate attributable to tobacco | 10 | 14 | 15 | 15 | 26 | 12 |
| Proportion of deaths attributable to tobacco (%) | 18 | 14 | 8 | 4 | 4 | 12 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,082 | 3,006 | 5,061 | 9,946 | 20,240 | 3,056 | 1,721 | 2,035 | 3,819 | 8,327 | 17,735 | 2,495 |
| Death rate attributable to tobacco | - | 595 | 707 | 824 | 1,218 | 277 | 199 | 6 | 70 | - | - | 118 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 14 | 8 | 6 | 9 | 12 | 0 | 2 | - | - | 5 |
| <u>Death rate: Communicable diseases</u> | 932 | 1,020 | 1,232 | 2,064 | 4,198 | 1,052 | 1,194 | 718 | 934 | 1,658 | 3,313 | 1,071 |
| Death rate attributable to tobacco | - | 91 | 84 | 92 | 210 | 39 | 71 | 1 | 8 | - | - | 40 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 7 | 4 | 5 | 4 | 6 | 0 | 1 | - | - | 4 |
| <i>Death rate: Tuberculosis</i> | 72 | 93 | 124 | 177 | 210 | 88 | 22 | 27 | 49 | 68 | 66 | 29 |
| Death rate attributable to tobacco | - | 16 | 11 | 9 | 12 | 6 | 6 | 0 | 0 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 9 | 5 | 6 | 7 | 25 | 0 | 1 | - | - | 11 |
| <i>Death rate: Lower respiratory infections</i> | 212 | 305 | 575 | 1,091 | 2,511 | 322 | 154 | 234 | 407 | 829 | 1,929 | 252 |
| Death rate attributable to tobacco | - | 72 | 72 | 82 | 196 | 32 | 60 | 1 | 7 | - | - | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 13 | 8 | 8 | 10 | 39 | 0 | 2 | - | - | 13 |
| <u>Death rate: Noncommunicable diseases</u> | 565 | 1,617 | 3,595 | 7,531 | 15,604 | 1,524 | 448 | 1,227 | 2,774 | 6,484 | 14,016 | 1,330 |
| Death rate attributable to tobacco | - | 504 | 624 | 732 | 1,008 | 238 | 129 | 5 | 62 | - | - | 79 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 17 | 10 | 6 | 16 | 29 | 0 | 2 | - | - | 6 |
| <i>Death rate: All malignant neoplasms</i> | 71 | 322 | 775 | 1,580 | 2,827 | 286 | 87 | 288 | 541 | 1,009 | 1,455 | 249 |
| Death rate attributable to tobacco | - | 118 | 214 | 272 | 406 | 67 | 12 | 0 | 9 | - | - | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 28 | 17 | 14 | 24 | 14 | 0 | 2 | - | - | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 48 | 94 | 118 | 150 | 29 | 6 | 7 | 20 | 16 | 15 | 8 |
| Death rate attributable to tobacco | - | 40 | 76 | 87 | 107 | 23 | 4 | 0 | 4 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 85 | 82 | 74 | 72 | 79 | 72 | 2 | 18 | - | - | 33 |
| <i>Death rate: All other malignant neoplasms</i> | 69 | 275 | 681 | 1,463 | 2,677 | 257 | 82 | 281 | 521 | 993 | 1,440 | 241 |
| Death rate attributable to tobacco | - | 78 | 138 | 185 | 298 | 44 | 8 | 0 | 5 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 20 | 13 | 11 | 17 | 10 | 0 | 1 | - | - | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 179 | 633 | 1,490 | 3,338 | 7,768 | 607 | 158 | 509 | 1,302 | 3,463 | 8,406 | 614 |
| Death rate attributable to tobacco | - | 272 | 191 | 132 | 43 | 101 | 85 | 4 | 34 | - | - | 51 |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 13 | 4 | 1 | 17 | 54 | 1 | 3 | - | - | 8 |
| <i>Death rate: Ischaemic heart disease</i> | 44 | 262 | 648 | 1,337 | 2,362 | 229 | 21 | 120 | 393 | 871 | 1,863 | 146 |
| Death rate attributable to tobacco | - | 108 | 79 | 51 | 12 | 41 | 8 | 1 | 9 | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 12 | 4 | 0 | 18 | 40 | 1 | 2 | - | - | 4 |
| <i>Death rate: Cerebrovascular disease</i> | 70 | 227 | 514 | 1,115 | 2,468 | 213 | 68 | 204 | 517 | 1,387 | 3,206 | 246 |
| Death rate attributable to tobacco | - | 96 | 62 | 38 | 12 | 35 | 45 | 2 | 14 | - | - | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 42 | 12 | 3 | 0 | 16 | 66 | 1 | 3 | - | - | 11 |
| <i>Death rate: Other cardiovascular diseases</i> | 65 | 145 | 328 | 887 | 2,938 | 164 | 70 | 185 | 393 | 1,205 | 3,337 | 222 |
| Death rate attributable to tobacco | - | 68 | 49 | 43 | 19 | 26 | 32 | 1 | 11 | - | - | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 47 | 15 | 5 | 1 | 16 | 46 | 1 | 3 | - | - | 9 |
| <i>Death rate: Respiratory diseases</i> | 74 | 218 | 525 | 1,052 | 1,837 | 208 | 57 | 107 | 238 | 527 | 1,095 | 123 |
| Death rate attributable to tobacco | - | 101 | 204 | 312 | 534 | 64 | 27 | 1 | 17 | - | - | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 47 | 39 | 30 | 29 | 31 | 47 | 1 | 7 | - | - | 14 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 18 | 93 | 286 | 590 | 973 | 93 | 9 | 33 | 95 | 231 | 438 | 40 |
| Death rate attributable to tobacco | - | 72 | 174 | 278 | 467 | 51 | 8 | 1 | 14 | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 77 | 61 | 47 | 48 | 54 | 86 | 2 | 15 | - | - | 15 |
| <i>Death rate: Other respiratory diseases</i> | 56 | 125 | 239 | 462 | 864 | 114 | 48 | 74 | 143 | 295 | 657 | 83 |
| Death rate attributable to tobacco | - | 30 | 30 | 35 | 67 | 13 | 19 | 0 | 3 | - | - | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 13 | 8 | 8 | 11 | 39 | 0 | 2 | - | - | 13 |

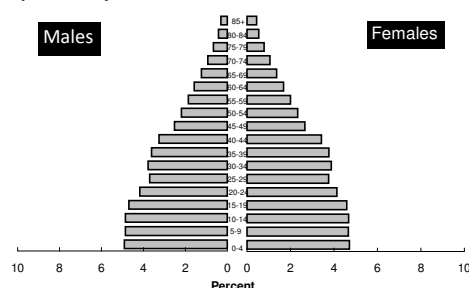
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Antigua and Barbuda

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 22 | 22 | 44 |
| 30-44 | 9 | 9 | 18 |
| 45-59 | 5 | 6 | 11 |
| 60-69 | 2 | 2 | 5 |
| 70-79 | 1 | 2 | 3 |
| 80+ | 1 | 1 | 1 |
| Total | 41 | 41 | 82 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1379 per 100,000 population) was about 8 times that for communicable diseases (172 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 181 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 53% of these deaths attributed to tobacco.

- The death rate due to tobacco in men was (33 per 100,000 men aged 30 years and over) compared with women (44 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 3% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 216 | 773 | 2,271 | 5,505 | 16,018 | 1,617 |
| Death rate attributable to tobacco | - | 24 | - | 156 | 538 | 38 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | 3 | 3 | 2 |
| Death rate: Communicable diseases | 51 | 60 | 178 | 354 | 2,218 | 172 |
| Death rate attributable to tobacco | - | 1 | - | 7 | 100 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | - | 2 | 5 | 3 |
| Death rate: Tuberculosis | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Lower respiratory infections | 2 | 24 | 30 | 116 | 1,071 | 60 |
| Death rate attributable to tobacco | - | 1 | - | 7 | 100 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | 6 | 9 | 7 |
| Death rate: Noncommunicable diseases | 125 | 632 | 2,022 | 5,002 | 13,723 | 1,379 |
| Death rate attributable to tobacco | - | 23 | - | 149 | 438 | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | - | 3 | 3 | 2 |
| Death rate: All malignant neoplasms | 38 | 175 | 448 | 1,200 | 3,196 | 333 |
| Death rate attributable to tobacco | - | 5 | - | 39 | 176 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | 3 | 6 | 3 |
| Death rate: Trachea, bronchus, lung cancers | - | 10 | - | 36 | 124 | 10 |
| Death rate attributable to tobacco | - | 3 | - | 20 | 83 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | - | 55 | 67 | 53 |
| Death rate: All other malignant neoplasms | 38 | 165 | 448 | 1,164 | 3,072 | 323 |
| Death rate attributable to tobacco | - | 2 | - | 19 | 93 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | - | 2 | 3 | 2 |
| Death rate: All Cardiovascular diseases | 34 | 230 | 890 | 2,258 | 6,783 | 615 |
| Death rate attributable to tobacco | - | 16 | - | 76 | 104 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | - | 3 | 2 | 2 |
| Death rate: Ischaemic heart disease | - | 70 | 321 | 643 | 1,949 | 181 |
| Death rate attributable to tobacco | - | 4 | - | 14 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | - | 2 | 2 | 2 |
| Death rate: Cerebrovascular disease | 8 | 30 | 152 | 666 | 1,621 | 141 |
| Death rate attributable to tobacco | - | 2 | - | 26 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | - | 4 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 26 | 130 | 417 | 949 | 3,213 | 292 |
| Death rate attributable to tobacco | - | 10 | - | 36 | 66 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | - | 4 | 2 | 3 |
| Death rate: Respiratory diseases | 13 | 30 | 46 | 139 | 249 | 40 |
| Death rate attributable to tobacco | - | 1 | - | 12 | 81 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | 9 | 33 | 10 |
| Death rate: Chronic obstructive pulmonary disease | - | - | - | 87 | 129 | 11 |
| Death rate attributable to tobacco | - | - | - | 10 | 69 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 11 | 53 | 29 |
| Death rate: Other respiratory diseases | 13 | 30 | 46 | 52 | 120 | 29 |
| Death rate attributable to tobacco | - | 1 | - | 2 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | 4 | 10 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 269 | 961 | 2,867 | 6,715 | 17,616 | 1,828 | 165 | 597 | 1,719 | 4,457 | 14,824 | 1,421 |
| Death rate attributable to tobacco | - | 26 | - | - | 770 | 33 | - | 22 | - | 291 | 365 | 44 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | - | 4 | 2 | - | 4 | - | 7 | 2 | 3 |
| <u>Death rate: Communicable diseases</u> | 92 | 70 | 241 | 271 | 2,246 | 188 | 11 | 50 | 119 | 426 | 2,198 | 158 |
| Death rate attributable to tobacco | - | 1 | - | - | 153 | 5 | - | 1 | - | 13 | 61 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | - | - | 7 | 3 | - | 1 | - | 3 | 3 | 2 |
| <u>Death rate: Tuberculosis</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 3 | 29 | 61 | 122 | 1,348 | 71 | - | 19 | - | 110 | 864 | 49 |
| Death rate attributable to tobacco | - | 1 | - | - | 153 | 5 | - | 1 | - | 13 | 61 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | - | - | 11 | 7 | - | 4 | - | 11 | 7 | 7 |
| <u>Death rate: Noncommunicable diseases</u> | 106 | 741 | 2,507 | 6,206 | 15,267 | 1,527 | 143 | 529 | 1,572 | 3,958 | 12,569 | 1,241 |
| Death rate attributable to tobacco | - | 25 | - | - | 618 | 28 | - | 21 | - | 278 | 304 | 40 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | - | - | 4 | 2 | - | 4 | - | 7 | 2 | 3 |
| <u>Death rate: All malignant neoplasms</u> | 30 | 131 | 516 | 1,699 | 5,211 | 410 | 45 | 217 | 386 | 767 | 1,689 | 262 |
| Death rate attributable to tobacco | - | 6 | - | - | 304 | 12 | - | 4 | - | 72 | 80 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | - | - | 6 | 3 | - | 2 | - | 9 | 5 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 10 | - | - | 204 | 10 | - | 9 | - | 67 | 64 | 10 |
| Death rate attributable to tobacco | - | 3 | - | - | 162 | 6 | - | 2 | - | 37 | 23 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | - | - | 79 | 64 | - | 27 | - | 55 | 37 | 43 |
| <u>Death rate: All other malignant neoplasms</u> | 30 | 121 | 516 | 1,699 | 5,007 | 400 | 45 | 208 | 386 | 700 | 1,626 | 251 |
| Death rate attributable to tobacco | - | 3 | - | - | 142 | 6 | - | 2 | - | 35 | 57 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | - | - | 3 | 1 | - | 1 | - | 5 | 4 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 35 | 308 | 1,178 | 2,812 | 5,389 | 632 | 33 | 157 | 623 | 1,778 | 7,825 | 598 |
| Death rate attributable to tobacco | - | 17 | - | - | 45 | 7 | - | 15 | - | 141 | 149 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | - | - | 1 | 1 | - | 10 | - | 8 | 2 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | - | 119 | 539 | 950 | 1,540 | 221 | - | 24 | 119 | 376 | 2,255 | 144 |
| Death rate attributable to tobacco | - | 6 | - | - | 11 | 2 | - | 2 | - | 25 | 53 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | - | - | 1 | 1 | - | 8 | - | 7 | 2 | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 12 | 30 | 91 | 834 | 1,020 | 119 | 4 | 29 | 208 | 520 | 2,070 | 162 |
| Death rate attributable to tobacco | - | 2 | - | - | 8 | 1 | - | 3 | - | 48 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | - | - | 1 | 1 | - | 11 | - | 9 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 22 | 158 | 548 | 1,028 | 2,829 | 292 | 29 | 103 | 296 | 881 | 3,500 | 293 |
| Death rate attributable to tobacco | - | 10 | - | - | 26 | 4 | - | 10 | - | 68 | 96 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | - | - | 1 | 1 | - | 10 | - | 8 | 3 | 4 |
| <u>Death rate: Respiratory diseases</u> | 9 | 53 | 31 | 223 | 422 | 53 | 17 | 9 | 60 | 67 | 121 | 28 |
| Death rate attributable to tobacco | - | 1 | - | - | 150 | 5 | - | 0 | - | 22 | 30 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | - | - | 35 | 10 | - | 4 | - | 33 | 25 | 11 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | - | 149 | 218 | 18 | - | - | - | 33 | 64 | 5 |
| Death rate attributable to tobacco | - | - | - | - | 127 | 4 | - | - | - | 18 | 26 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 58 | 23 | - | - | - | 55 | 42 | 48 |
| <u>Death rate: Other respiratory diseases</u> | 9 | 53 | 31 | 74 | 204 | 36 | 17 | 9 | 60 | 33 | 57 | 23 |
| Death rate attributable to tobacco | - | 1 | - | - | 23 | 1 | - | 0 | - | 4 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | - | - | 11 | 3 | - | 4 | - | 11 | 7 | 2 |

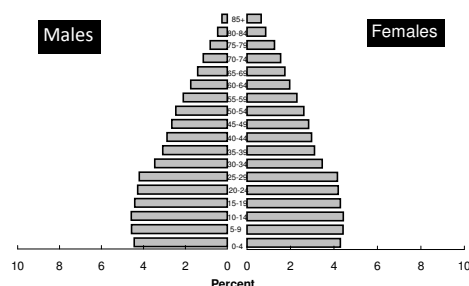
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Argentina

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 10,157 | 9,899 | 20,056 |
| 30-44 | 3,614 | 3,659 | 7,273 |
| 45-59 | 2,762 | 2,970 | 5,731 |
| 60-69 | 1,210 | 1,421 | 2,631 |
| 70-79 | 752 | 1,082 | 1,834 |
| 80+ | 271 | 575 | 846 |
| Total | 18,766 | 19,605 | 38,372 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1252 per 100,000 population) was about 7.3 times that for communicable diseases (171 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 189 deaths per 100,000 population aged 30 years and over, with 15% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 52 deaths per 100,000 population but with 80% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (317 per 100,000 men aged 30 years and over) compared with women (81 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 19% for men and 6% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 26.1% of those whose death was due to a lower respiratory infection, 47.8% of deaths due to the category of 'all cardiovascular diseases combined', and 83.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 176 | 653 | 1,783 | 4,195 | 11,641 | 1,488 |
| Death rate attributable to tobacco | 24 | 169 | 344 | 464 | 728 | 192 |
| Proportion of deaths attributable to tobacco (%) | 14 | 26 | 19 | 11 | 6 | 13 |
| Death rate: Communicable diseases | 29 | 51 | 152 | 439 | 1,679 | 171 |
| Death rate attributable to tobacco | 1 | 5 | 13 | 31 | 128 | 13 |
| Proportion of deaths attributable to tobacco (%) | 4 | 10 | 9 | 7 | 8 | 8 |
| Death rate: Tuberculosis | 2 | 3 | 6 | 9 | 12 | 4 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 19 | 20 | 15 | 10 | 9 | 15 |
| Death rate: Lower respiratory infections | 4 | 16 | 60 | 213 | 1,016 | 84 |
| Death rate attributable to tobacco | 1 | 4 | 12 | 30 | 127 | 12 |
| Proportion of deaths attributable to tobacco (%) | 24 | 26 | 20 | 14 | 12 | 15 |
| Death rate: Noncommunicable diseases | 101 | 546 | 1,566 | 3,656 | 9,750 | 1,252 |
| Death rate attributable to tobacco | 22 | 165 | 331 | 433 | 601 | 179 |
| Proportion of deaths attributable to tobacco (%) | 22 | 30 | 21 | 12 | 6 | 14 |
| Death rate: All malignant neoplasms | 36 | 209 | 534 | 978 | 1,502 | 324 |
| Death rate attributable to tobacco | 5 | 57 | 143 | 183 | 191 | 67 |
| Proportion of deaths attributable to tobacco (%) | 14 | 27 | 27 | 19 | 13 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 42 | 110 | 145 | 145 | 52 |
| Death rate attributable to tobacco | 2 | 35 | 93 | 115 | 104 | 42 |
| Proportion of deaths attributable to tobacco (%) | 58 | 83 | 85 | 79 | 72 | 80 |
| Death rate: All other malignant neoplasms | 33 | 167 | 424 | 833 | 1,358 | 272 |
| Death rate attributable to tobacco | 3 | 22 | 50 | 68 | 87 | 26 |
| Proportion of deaths attributable to tobacco (%) | 8 | 13 | 12 | 8 | 6 | 10 |
| Death rate: All Cardiovascular diseases | 29 | 189 | 579 | 1,516 | 4,922 | 533 |
| Death rate attributable to tobacco | 15 | 90 | 127 | 128 | 118 | 71 |
| Proportion of deaths attributable to tobacco (%) | 51 | 48 | 22 | 8 | 2 | 13 |
| Death rate: Ischaemic heart disease | 7 | 82 | 268 | 609 | 1,320 | 189 |
| Death rate attributable to tobacco | 4 | 39 | 57 | 50 | 31 | 28 |
| Proportion of deaths attributable to tobacco (%) | 58 | 47 | 21 | 8 | 2 | 15 |
| Death rate: Cerebrovascular disease | 11 | 59 | 158 | 379 | 1,051 | 132 |
| Death rate attributable to tobacco | 4 | 28 | 33 | 29 | 5 | 18 |
| Proportion of deaths attributable to tobacco (%) | 42 | 47 | 21 | 8 | 0 | 14 |
| Death rate: Other cardiovascular diseases | 11 | 48 | 153 | 528 | 2,551 | 212 |
| Death rate attributable to tobacco | 6 | 24 | 37 | 49 | 82 | 24 |
| Proportion of deaths attributable to tobacco (%) | 56 | 50 | 24 | 9 | 3 | 11 |
| Death rate: Respiratory diseases | 8 | 40 | 152 | 446 | 1,459 | 150 |
| Death rate attributable to tobacco | 2 | 14 | 51 | 109 | 273 | 36 |
| Proportion of deaths attributable to tobacco (%) | 27 | 35 | 34 | 25 | 19 | 24 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 7 | 40 | 92 | 188 | 26 |
| Death rate attributable to tobacco | 0 | 6 | 29 | 60 | 116 | 18 |
| Proportion of deaths attributable to tobacco (%) | 74 | 78 | 72 | 65 | 62 | 67 |
| Death rate: Other respiratory diseases | 8 | 33 | 112 | 353 | 1,271 | 124 |
| Death rate attributable to tobacco | 2 | 9 | 22 | 49 | 157 | 19 |
| Proportion of deaths attributable to tobacco (%) | 24 | 26 | 20 | 14 | 12 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 229 | 878 | 2,541 | 5,901 | 14,641 | 1,711 | 123 | 443 | 1,137 | 3,009 | 10,225 | 1,289 |
| Death rate attributable to tobacco | 40 | 281 | 632 | 921 | 1,292 | 317 | 8 | 66 | 99 | 148 | 462 | 81 |
| Proportion of deaths attributable to tobacco (%) | 18 | 32 | 25 | 16 | 9 | 19 | 6 | 15 | 9 | 5 | 5 | 6 |
| <u>Death rate: Communicable diseases</u> | 38 | 69 | 213 | 602 | 2,076 | 186 | 20 | 35 | 100 | 326 | 1,491 | 158 |
| Death rate attributable to tobacco | 2 | 8 | 23 | 59 | 215 | 19 | 0 | 2 | 4 | 12 | 86 | 8 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 11 | 10 | 10 | 10 | 2 | 6 | 4 | 4 | 6 | 5 |
| <i>Death rate: Tuberculosis</i> | 2 | 5 | 10 | 13 | 20 | 6 | 1 | 2 | 3 | 7 | 8 | 3 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 24 | 24 | 19 | 14 | 12 | 19 | 7 | 10 | 5 | 4 | 5 | 6 |
| <i>Death rate: Lower respiratory infections</i> | 5 | 22 | 86 | 303 | 1,277 | 88 | 3 | 11 | 38 | 151 | 893 | 80 |
| Death rate attributable to tobacco | 2 | 7 | 22 | 57 | 213 | 18 | 0 | 2 | 4 | 11 | 86 | 8 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 25 | 19 | 17 | 20 | 12 | 17 | 10 | 8 | 10 | 10 |
| <u>Death rate: Noncommunicable diseases</u> | 115 | 719 | 2,216 | 5,137 | 12,270 | 1,426 | 87 | 386 | 1,012 | 2,628 | 8,561 | 1,099 |
| Death rate attributable to tobacco | 38 | 273 | 609 | 861 | 1,076 | 298 | 7 | 64 | 95 | 136 | 376 | 74 |
| Proportion of deaths attributable to tobacco (%) | 33 | 38 | 27 | 17 | 9 | 21 | 8 | 17 | 9 | 5 | 4 | 7 |
| <i>Death rate: All malignant neoplasms</i> | 31 | 231 | 718 | 1,384 | 2,251 | 380 | 42 | 187 | 378 | 697 | 1,149 | 274 |
| Death rate attributable to tobacco | 8 | 98 | 276 | 391 | 451 | 122 | 2 | 19 | 31 | 39 | 68 | 19 |
| Proportion of deaths attributable to tobacco (%) | 26 | 42 | 38 | 28 | 20 | 32 | 4 | 10 | 8 | 6 | 6 | 7 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 5 | 66 | 195 | 278 | 296 | 84 | 2 | 20 | 38 | 53 | 73 | 23 |
| Death rate attributable to tobacco | 4 | 59 | 178 | 247 | 254 | 75 | 1 | 13 | 21 | 23 | 33 | 12 |
| Proportion of deaths attributable to tobacco (%) | 68 | 89 | 91 | 89 | 86 | 89 | 36 | 65 | 56 | 44 | 45 | 52 |
| <i>Death rate: All other malignant neoplasms</i> | 26 | 165 | 522 | 1,106 | 1,954 | 296 | 39 | 168 | 340 | 643 | 1,076 | 251 |
| Death rate attributable to tobacco | 5 | 39 | 98 | 144 | 197 | 47 | 1 | 6 | 9 | 15 | 36 | 7 |
| Proportion of deaths attributable to tobacco (%) | 17 | 24 | 19 | 13 | 10 | 16 | 2 | 4 | 3 | 2 | 3 | 3 |
| <i>Death rate: All Cardiovascular diseases</i> | 39 | 282 | 867 | 2,131 | 5,815 | 598 | 20 | 103 | 334 | 1,089 | 4,500 | 476 |
| Death rate attributable to tobacco | 26 | 148 | 223 | 229 | 78 | 112 | 4 | 37 | 46 | 58 | 137 | 34 |
| Proportion of deaths attributable to tobacco (%) | 66 | 52 | 26 | 11 | 1 | 19 | 22 | 36 | 14 | 5 | 3 | 7 |
| <i>Death rate: Ischaemic heart disease</i> | 12 | 138 | 431 | 972 | 1,725 | 249 | 3 | 31 | 129 | 356 | 1,129 | 136 |
| Death rate attributable to tobacco | 8 | 70 | 106 | 99 | 20 | 50 | 0 | 10 | 16 | 16 | 37 | 9 |
| Proportion of deaths attributable to tobacco (%) | 69 | 51 | 25 | 10 | 1 | 20 | 13 | 32 | 12 | 4 | 3 | 7 |
| <i>Death rate: Cerebrovascular disease</i> | 12 | 77 | 218 | 494 | 1,234 | 142 | 9 | 42 | 108 | 300 | 964 | 123 |
| Death rate attributable to tobacco | 6 | 40 | 53 | 45 | 14 | 27 | 3 | 16 | 15 | 18 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 52 | 52 | 24 | 9 | 1 | 19 | 29 | 38 | 14 | 6 | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 15 | 67 | 219 | 665 | 2,855 | 207 | 7 | 31 | 97 | 432 | 2,407 | 217 |
| Death rate attributable to tobacco | 11 | 38 | 64 | 85 | 43 | 35 | 1 | 12 | 15 | 24 | 100 | 15 |
| Proportion of deaths attributable to tobacco (%) | 74 | 57 | 29 | 13 | 2 | 17 | 16 | 38 | 15 | 6 | 4 | 7 |
| <u>Death rate: Respiratory diseases</u> | 11 | 55 | 226 | 658 | 1,918 | 172 | 6 | 27 | 89 | 298 | 1,242 | 130 |
| Death rate attributable to tobacco | 4 | 23 | 93 | 216 | 514 | 57 | 1 | 7 | 16 | 35 | 160 | 18 |
| Proportion of deaths attributable to tobacco (%) | 34 | 41 | 41 | 33 | 27 | 33 | 15 | 25 | 18 | 12 | 13 | 14 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 10 | 69 | 173 | 374 | 40 | 0 | 4 | 16 | 36 | 100 | 14 |
| Death rate attributable to tobacco | 1 | 9 | 54 | 124 | 257 | 29 | 0 | 3 | 8 | 16 | 50 | 7 |
| Proportion of deaths attributable to tobacco (%) | 83 | 83 | 78 | 72 | 69 | 73 | 56 | 66 | 51 | 43 | 50 | 50 |
| <i>Death rate: Other respiratory diseases</i> | 10 | 45 | 158 | 485 | 1,544 | 132 | 6 | 22 | 72 | 262 | 1,142 | 116 |
| Death rate attributable to tobacco | 3 | 14 | 39 | 92 | 258 | 27 | 1 | 4 | 7 | 20 | 110 | 11 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 25 | 19 | 17 | 21 | 12 | 17 | 10 | 8 | 10 | 10 |

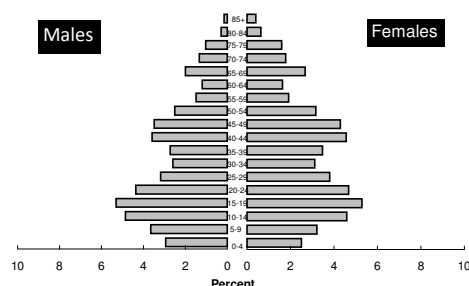
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Armenia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 736 | 729 | 1,464 |
| 30-44 | 270 | 338 | 608 |
| 45-59 | 226 | 284 | 510 |
| 60-69 | 97 | 130 | 227 |
| 70-79 | 72 | 102 | 174 |
| 80+ | 13 | 31 | 45 |
| Total | 1,413 | 1,613 | 3,027 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2416 per 100,000 population) was about 53.3 times that for communicable diseases (45 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 23% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 954 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 94 deaths per 100,000 population but with 89% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 29% of all lower respiratory infection deaths and 31% of all tuberculosis deaths.

- The death rate due to tobacco in men was (957 per 100,000 men aged 30 years and over) compared with women (171 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 33% for men and 8% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 41.4% of those whose death was due to a lower respiratory infection, 55% of deaths due to the category of 'all cardiovascular diseases combined', and 88.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 246 | 865 | 3,406 | 8,800 | 23,948 | 2,534 |
| Death rate attributable to tobacco | 67 | 300 | 1,157 | 1,726 | 1,005 | 512 |
| Proportion of deaths attributable to tobacco (%) | 27 | 35 | 34 | 20 | 4 | 20 |
| Death rate: Communicable diseases | 34 | 34 | 49 | 69 | 214 | 45 |
| Death rate attributable to tobacco | 9 | 9 | 14 | 12 | 19 | 10 |
| Proportion of deaths attributable to tobacco (%) | 26 | 26 | 29 | 17 | 9 | 23 |
| Death rate: Tuberculosis | 20 | 14 | 13 | 12 | 12 | 16 |
| Death rate attributable to tobacco | 7 | 4 | 4 | 3 | 1 | 5 |
| Proportion of deaths attributable to tobacco (%) | 34 | 30 | 30 | 22 | 11 | 31 |
| Death rate: Lower respiratory infections | 5 | 11 | 25 | 38 | 157 | 18 |
| Death rate attributable to tobacco | 2 | 5 | 10 | 9 | 17 | 5 |
| Proportion of deaths attributable to tobacco (%) | 43 | 41 | 40 | 24 | 11 | 29 |
| Death rate: Noncommunicable diseases | 160 | 770 | 3,279 | 8,617 | 23,428 | 2,416 |
| Death rate attributable to tobacco | 58 | 291 | 1,143 | 1,714 | 986 | 502 |
| Proportion of deaths attributable to tobacco (%) | 36 | 38 | 35 | 20 | 4 | 21 |
| Death rate: All malignant neoplasms | 59 | 270 | 823 | 1,220 | 1,200 | 400 |
| Death rate attributable to tobacco | 12 | 85 | 354 | 414 | 200 | 135 |
| Proportion of deaths attributable to tobacco (%) | 20 | 31 | 43 | 34 | 17 | 34 |
| Death rate: Trachea, bronchus, lung cancers | 9 | 59 | 243 | 286 | 158 | 94 |
| Death rate attributable to tobacco | 7 | 52 | 226 | 256 | 117 | 84 |
| Proportion of deaths attributable to tobacco (%) | 81 | 88 | 93 | 89 | 74 | 89 |
| Death rate: All other malignant neoplasms | 50 | 211 | 580 | 934 | 1,042 | 306 |
| Death rate attributable to tobacco | 5 | 33 | 128 | 158 | 83 | 51 |
| Proportion of deaths attributable to tobacco (%) | 10 | 15 | 22 | 17 | 8 | 17 |
| Death rate: All Cardiovascular diseases | 57 | 335 | 1,661 | 5,601 | 19,188 | 1,543 |
| Death rate attributable to tobacco | 42 | 184 | 602 | 825 | 205 | 261 |
| Proportion of deaths attributable to tobacco (%) | 73 | 55 | 36 | 15 | 1 | 17 |
| Death rate: Ischaemic heart disease | 36 | 213 | 969 | 3,325 | 12,632 | 954 |
| Death rate attributable to tobacco | 28 | 124 | 360 | 489 | 157 | 162 |
| Proportion of deaths attributable to tobacco (%) | 77 | 58 | 37 | 15 | 1 | 17 |
| Death rate: Cerebrovascular disease | 11 | 81 | 517 | 1,770 | 5,138 | 449 |
| Death rate attributable to tobacco | 7 | 39 | 177 | 251 | 25 | 70 |
| Proportion of deaths attributable to tobacco (%) | 64 | 48 | 34 | 14 | 0 | 16 |
| Death rate: Other cardiovascular diseases | 10 | 42 | 175 | 506 | 1,417 | 139 |
| Death rate attributable to tobacco | 7 | 22 | 65 | 85 | 22 | 29 |
| Proportion of deaths attributable to tobacco (%) | 66 | 52 | 37 | 17 | 2 | 21 |
| Death rate: Respiratory diseases | 4 | 22 | 183 | 597 | 1,329 | 140 |
| Death rate attributable to tobacco | 3 | 14 | 135 | 406 | 551 | 86 |
| Proportion of deaths attributable to tobacco (%) | 64 | 64 | 74 | 68 | 41 | 62 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 14 | 138 | 479 | 1,080 | 109 |
| Death rate attributable to tobacco | 2 | 11 | 117 | 372 | 521 | 78 |
| Proportion of deaths attributable to tobacco (%) | 89 | 81 | 85 | 78 | 48 | 71 |
| Death rate: Other respiratory diseases | 2 | 8 | 45 | 119 | 249 | 30 |
| Death rate attributable to tobacco | 1 | 3 | 18 | 33 | 30 | 8 |
| Proportion of deaths attributable to tobacco (%) | 44 | 34 | 40 | 28 | 12 | 28 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|--------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 370 | 1,272 | 4,786 | 11,047 | 25,716 | 2,924 | 147 | 539 | 2,381 | 7,218 | 23,208 | 2,234 |
| Death rate attributable to tobacco | 126 | 610 | 2,240 | 3,169 | 2,479 | 957 | 19 | 53 | 352 | 710 | 387 | 171 |
| Proportion of deaths attributable to tobacco (%) | 34 | 48 | 47 | 29 | 10 | 33 | 13 | 10 | 15 | 10 | 2 | 8 |
| <u>Death rate: Communicable diseases</u> | 56 | 62 | 84 | 103 | 232 | 70 | 17 | 11 | 23 | 46 | 206 | 26 |
| Death rate attributable to tobacco | 17 | 19 | 30 | 22 | 51 | 21 | 2 | 1 | 2 | 5 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 36 | 22 | 22 | 30 | 14 | 5 | 9 | 10 | 2 | 8 |
| <u>Death rate: Tuberculosis</u> | 36 | 25 | 23 | 23 | 25 | 29 | 8 | 6 | 6 | 5 | 6 | 7 |
| Death rate attributable to tobacco | 14 | 9 | 9 | 6 | 4 | 10 | 2 | 0 | 1 | 0 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 38 | 37 | 38 | 27 | 17 | 36 | 19 | 5 | 9 | 7 | 2 | 12 |
| <u>Death rate: Lower respiratory infections</u> | 7 | 22 | 45 | 46 | 207 | 26 | 3 | 2 | 10 | 32 | 136 | 12 |
| Death rate attributable to tobacco | 3 | 10 | 21 | 16 | 47 | 10 | 1 | 0 | 1 | 4 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 46 | 47 | 34 | 23 | 40 | 32 | 10 | 15 | 13 | 3 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 215 | 1,099 | 4,559 | 10,793 | 25,169 | 2,735 | 115 | 508 | 2,328 | 7,084 | 22,698 | 2,171 |
| Death rate attributable to tobacco | 109 | 591 | 2,210 | 3,147 | 2,428 | 936 | 17 | 52 | 350 | 706 | 382 | 169 |
| Proportion of deaths attributable to tobacco (%) | 51 | 54 | 48 | 29 | 10 | 34 | 14 | 10 | 15 | 10 | 2 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 47 | 314 | 1,223 | 1,743 | 1,660 | 515 | 69 | 234 | 526 | 852 | 1,007 | 313 |
| Death rate attributable to tobacco | 19 | 178 | 759 | 897 | 632 | 283 | 6 | 11 | 53 | 75 | 19 | 23 |
| Proportion of deaths attributable to tobacco (%) | 42 | 57 | 62 | 51 | 38 | 55 | 9 | 5 | 10 | 9 | 2 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 13 | 116 | 500 | 587 | 414 | 186 | 5 | 14 | 51 | 75 | 51 | 24 |
| Death rate attributable to tobacco | 12 | 109 | 483 | 556 | 371 | 176 | 3 | 7 | 35 | 45 | 10 | 14 |
| Proportion of deaths attributable to tobacco (%) | 87 | 94 | 97 | 95 | 90 | 95 | 65 | 50 | 68 | 60 | 20 | 58 |
| <u>Death rate: All other malignant neoplasms</u> | 33 | 198 | 723 | 1,156 | 1,247 | 329 | 64 | 221 | 475 | 777 | 956 | 289 |
| Death rate attributable to tobacco | 8 | 69 | 276 | 341 | 261 | 107 | 3 | 4 | 18 | 30 | 9 | 9 |
| Proportion of deaths attributable to tobacco (%) | 23 | 35 | 38 | 29 | 21 | 32 | 5 | 2 | 4 | 4 | 1 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 102 | 559 | 2,316 | 6,785 | 19,232 | 1,650 | 22 | 157 | 1,175 | 4,767 | 19,169 | 1,461 |
| Death rate attributable to tobacco | 82 | 370 | 1,093 | 1,370 | 333 | 464 | 10 | 36 | 237 | 442 | 151 | 106 |
| Proportion of deaths attributable to tobacco (%) | 80 | 66 | 47 | 20 | 2 | 28 | 44 | 23 | 20 | 9 | 1 | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 73 | 403 | 1,494 | 4,346 | 12,756 | 1,085 | 6 | 62 | 579 | 2,606 | 12,581 | 854 |
| Death rate attributable to tobacco | 60 | 264 | 698 | 885 | 216 | 309 | 2 | 13 | 108 | 210 | 133 | 50 |
| Proportion of deaths attributable to tobacco (%) | 82 | 66 | 47 | 20 | 2 | 29 | 33 | 20 | 19 | 8 | 1 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 15 | 100 | 620 | 1,855 | 5,067 | 423 | 8 | 65 | 441 | 1,709 | 5,168 | 469 |
| Death rate attributable to tobacco | 10 | 67 | 288 | 342 | 86 | 105 | 5 | 16 | 95 | 188 | - | 43 |
| Proportion of deaths attributable to tobacco (%) | 68 | 66 | 46 | 18 | 2 | 25 | 58 | 25 | 21 | 11 | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 13 | 56 | 202 | 583 | 1,409 | 142 | 7 | 30 | 155 | 451 | 1,421 | 137 |
| Death rate attributable to tobacco | 11 | 40 | 107 | 143 | 30 | 49 | 3 | 7 | 34 | 44 | 19 | 14 |
| Proportion of deaths attributable to tobacco (%) | 85 | 71 | 53 | 24 | 2 | 34 | 39 | 25 | 22 | 10 | 1 | 10 |
| <u>Death rate: Respiratory diseases</u> | 7 | 36 | 335 | 1,029 | 2,087 | 212 | 1 | 10 | 71 | 294 | 1,011 | 84 |
| Death rate attributable to tobacco | 5 | 27 | 268 | 775 | 1,381 | 158 | 1 | 3 | 36 | 146 | 203 | 31 |
| Proportion of deaths attributable to tobacco (%) | 67 | 76 | 80 | 75 | 66 | 75 | 53 | 33 | 51 | 50 | 20 | 37 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 24 | 253 | 830 | 1,698 | 166 | 1 | 6 | 53 | 231 | 821 | 66 |
| Death rate attributable to tobacco | 3 | 22 | 229 | 707 | 1,292 | 141 | 0 | 3 | 33 | 137 | 197 | 29 |
| Proportion of deaths attributable to tobacco (%) | 91 | 90 | 91 | 85 | 76 | 85 | 81 | 51 | 63 | 59 | 24 | 44 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 11 | 82 | 198 | 389 | 46 | 1 | 5 | 18 | 63 | 190 | 18 |
| Death rate attributable to tobacco | 2 | 5 | 39 | 68 | 88 | 17 | 0 | 0 | 3 | 8 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 46 | 47 | 34 | 23 | 37 | 32 | 10 | 15 | 13 | 3 | 10 |

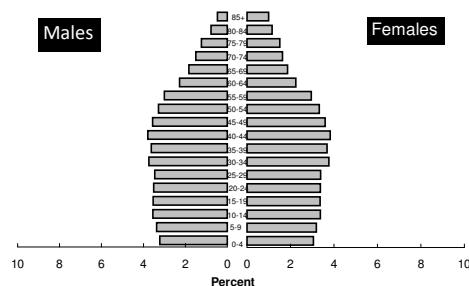
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Australia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|---------------|---------------|
| 0-29 | 4,145 | 3,966 | 8,111 |
| 30-44 | 2,239 | 2,263 | 4,501 |
| 45-59 | 1,978 | 1,983 | 3,961 |
| 60-69 | 824 | 824 | 1,649 |
| 70-79 | 548 | 630 | 1,178 |
| 80+ | 248 | 431 | 680 |
| Total | 9,982 | 10,098 | 20,081 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (991 per 100,000 population) was about 20.8 times that for communicable diseases (48 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 16% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 219 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 60 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 24% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (201 per 100,000 men aged 30 years and over) compared with women (140 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 14% for women.

- Among those who died prematurely, almost one in every 30 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 16.6% of those whose death was due to a lower respiratory infection, 32.3% of deaths due to the category of 'all cardiovascular diseases combined', and 73.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|-------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 99 | 307 | 984 | 2,821 | 9,437 | 1,088 |
| Death rate attributable to tobacco | 3 | 56 | 221 | 599 | 1,065 | 170 |
| Proportion of deaths attributable to tobacco (%) | 3 | 18 | 22 | 21 | 11 | 16 |
| Death rate: Communicable diseases | 4 | 8 | 19 | 94 | 561 | 48 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 13 | 103 | 8 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 9 | 14 | 18 | 16 |
| Death rate: Tuberculosis | - | 0 | 0 | 2 | 3 | 0 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 11 | 13 | 16 | 16 | 15 |
| Death rate: Lower respiratory infections | 1 | 2 | 8 | 53 | 411 | 31 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 13 | 102 | 7 |
| Proportion of deaths attributable to tobacco (%) | 5 | 17 | 20 | 24 | 25 | 24 |
| Death rate: Noncommunicable diseases | 56 | 267 | 930 | 2,665 | 8,647 | 991 |
| Death rate attributable to tobacco | 3 | 56 | 219 | 586 | 962 | 162 |
| Proportion of deaths attributable to tobacco (%) | 6 | 21 | 24 | 22 | 11 | 16 |
| Death rate: All malignant neoplasms | 25 | 145 | 470 | 1,026 | 1,708 | 320 |
| Death rate attributable to tobacco | 1 | 29 | 125 | 282 | 337 | 74 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 26 | 27 | 20 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 26 | 106 | 228 | 246 | 60 |
| Death rate attributable to tobacco | 0 | 19 | 89 | 197 | 205 | 50 |
| Proportion of deaths attributable to tobacco (%) | 19 | 73 | 84 | 87 | 83 | 82 |
| Death rate: All other malignant neoplasms | 23 | 119 | 364 | 799 | 1,462 | 260 |
| Death rate attributable to tobacco | 1 | 10 | 36 | 84 | 132 | 24 |
| Proportion of deaths attributable to tobacco (%) | 2 | 8 | 10 | 11 | 9 | 9 |
| Death rate: All Cardiovascular diseases | 15 | 68 | 259 | 969 | 4,488 | 414 |
| Death rate attributable to tobacco | 2 | 22 | 57 | 150 | 243 | 44 |
| Proportion of deaths attributable to tobacco (%) | 15 | 32 | 22 | 15 | 5 | 11 |
| Death rate: Ischaemic heart disease | 7 | 43 | 159 | 544 | 2,221 | 219 |
| Death rate attributable to tobacco | 1 | 13 | 32 | 76 | 147 | 25 |
| Proportion of deaths attributable to tobacco (%) | 14 | 30 | 20 | 14 | 7 | 11 |
| Death rate: Cerebrovascular disease | 2 | 11 | 44 | 226 | 1,252 | 104 |
| Death rate attributable to tobacco | 0 | 4 | 10 | 37 | 7 | 7 |
| Proportion of deaths attributable to tobacco (%) | 13 | 34 | 23 | 17 | 1 | 7 |
| Death rate: Other cardiovascular diseases | 5 | 14 | 56 | 199 | 1,015 | 91 |
| Death rate attributable to tobacco | 1 | 5 | 14 | 36 | 88 | 12 |
| Proportion of deaths attributable to tobacco (%) | 16 | 37 | 26 | 18 | 9 | 14 |
| Death rate: Respiratory diseases | 1 | 10 | 60 | 235 | 612 | 70 |
| Death rate attributable to tobacco | 0 | 4 | 34 | 144 | 353 | 40 |
| Proportion of deaths attributable to tobacco (%) | 11 | 47 | 57 | 61 | 58 | 58 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 6 | 43 | 167 | 391 | 46 |
| Death rate attributable to tobacco | 0 | 4 | 31 | 127 | 299 | 35 |
| Proportion of deaths attributable to tobacco (%) | 35 | 67 | 72 | 76 | 76 | 75 |
| Death rate: Other respiratory diseases | 1 | 4 | 17 | 68 | 220 | 23 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 17 | 54 | 5 |
| Proportion of deaths attributable to tobacco (%) | 5 | 17 | 20 | 24 | 25 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 131 | 375 | 1,235 | 3,634 | 10,732 | 1,150 | 66 | 239 | 733 | 2,113 | 8,691 | 1,029 |
| Death rate attributable to tobacco | 5 | 76 | 295 | 798 | 1,324 | 201 | 2 | 36 | 146 | 426 | 915 | 140 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 24 | 22 | 12 | 17 | 3 | 15 | 20 | 20 | 11 | 14 |
| <u>Death rate: Communicable diseases</u> | 5 | 11 | 23 | 114 | 600 | 45 | 2 | 5 | 15 | 75 | 538 | 50 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 15 | 99 | 6 | 0 | 0 | 2 | 11 | 105 | 9 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 8 | 14 | 17 | 13 | 2 | 6 | 11 | 15 | 20 | 18 |
| <i>Death rate: Tuberculosis</i> | - | 0 | 0 | 2 | 4 | 0 | - | 0 | 0 | 2 | 3 | 0 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 11 | 14 | 16 | 17 | 16 | | 10 | 13 | 16 | 15 | 15 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 3 | 9 | 69 | 434 | 28 | 1 | 2 | 7 | 39 | 398 | 34 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 15 | 98 | 6 | 0 | 0 | 2 | 11 | 104 | 9 |
| Proportion of deaths attributable to tobacco (%) | 4 | 16 | 19 | 22 | 23 | 22 | 7 | 18 | 22 | 28 | 26 | 26 |
| <u>Death rate: Noncommunicable diseases</u> | 65 | 318 | 1,163 | 3,436 | 9,863 | 1,039 | 48 | 217 | 696 | 1,996 | 7,946 | 946 |
| Death rate attributable to tobacco | 5 | 76 | 294 | 783 | 1,225 | 194 | 2 | 36 | 144 | 415 | 810 | 131 |
| Proportion of deaths attributable to tobacco (%) | 7 | 24 | 25 | 23 | 12 | 19 | 4 | 17 | 21 | 21 | 10 | 14 |
| <i>Death rate: All malignant neoplasms</i> | 23 | 149 | 560 | 1,356 | 2,418 | 369 | 27 | 140 | 381 | 739 | 1,298 | 274 |
| Death rate attributable to tobacco | 1 | 40 | 180 | 426 | 578 | 104 | 1 | 18 | 69 | 156 | 198 | 46 |
| Proportion of deaths attributable to tobacco (%) | 4 | 26 | 32 | 31 | 24 | 28 | 3 | 13 | 18 | 21 | 15 | 17 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 31 | 142 | 328 | 413 | 80 | 2 | 21 | 70 | 140 | 150 | 42 |
| Death rate attributable to tobacco | 0 | 24 | 125 | 297 | 371 | 70 | 1 | 14 | 53 | 110 | 109 | 31 |
| Proportion of deaths attributable to tobacco (%) | 15 | 77 | 88 | 91 | 90 | 87 | 24 | 67 | 76 | 79 | 73 | 74 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 118 | 418 | 1,028 | 2,004 | 289 | 25 | 119 | 311 | 600 | 1,149 | 232 |
| Death rate attributable to tobacco | 1 | 16 | 55 | 129 | 207 | 34 | 0 | 4 | 16 | 46 | 89 | 15 |
| Proportion of deaths attributable to tobacco (%) | 3 | 13 | 13 | 13 | 10 | 12 | 1 | 4 | 5 | 8 | 8 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 21 | 101 | 359 | 1,255 | 4,712 | 411 | 8 | 35 | 158 | 722 | 4,359 | 416 |
| Death rate attributable to tobacco | 3 | 31 | 69 | 155 | 85 | 40 | 1 | 13 | 45 | 145 | 334 | 49 |
| Proportion of deaths attributable to tobacco (%) | 16 | 31 | 19 | 12 | 2 | 10 | 11 | 37 | 28 | 20 | 8 | 12 |
| <i>Death rate: Ischaemic heart disease</i> | 12 | 71 | 239 | 752 | 2,520 | 240 | 2 | 17 | 78 | 363 | 2,048 | 198 |
| Death rate attributable to tobacco | 2 | 21 | 44 | 91 | 43 | 24 | 0 | 6 | 20 | 64 | 207 | 26 |
| Proportion of deaths attributable to tobacco (%) | 16 | 29 | 19 | 12 | 2 | 10 | 7 | 34 | 26 | 18 | 10 | 13 |
| <i>Death rate: Cerebrovascular disease</i> | 2 | 13 | 50 | 262 | 1,153 | 86 | 2 | 9 | 39 | 196 | 1,309 | 121 |
| Death rate attributable to tobacco | 0 | 4 | 9 | 28 | 20 | 6 | 0 | 3 | 11 | 46 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 8 | 30 | 18 | 11 | 2 | 7 | 19 | 40 | 30 | 23 | - | 6 |
| <i>Death rate: Other cardiovascular diseases</i> | 7 | 18 | 70 | 240 | 1,038 | 85 | 4 | 10 | 41 | 163 | 1,002 | 97 |
| Death rate attributable to tobacco | 1 | 6 | 16 | 36 | 23 | 9 | 0 | 4 | 13 | 35 | 126 | 16 |
| Proportion of deaths attributable to tobacco (%) | 19 | 35 | 23 | 15 | 2 | 11 | 10 | 40 | 31 | 22 | 13 | 16 |
| <u>Death rate: Respiratory diseases</u> | 2 | 9 | 70 | 312 | 889 | 81 | 1 | 10 | 50 | 168 | 452 | 59 |
| Death rate attributable to tobacco | 0 | 5 | 40 | 188 | 526 | 47 | 0 | 4 | 28 | 106 | 254 | 34 |
| Proportion of deaths attributable to tobacco (%) | 8 | 48 | 58 | 60 | 59 | 59 | 14 | 45 | 57 | 63 | 56 | 57 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 6 | 51 | 224 | 607 | 56 | 0 | 5 | 35 | 117 | 267 | 37 |
| Death rate attributable to tobacco | 0 | 4 | 37 | 168 | 462 | 42 | 0 | 4 | 25 | 92 | 205 | 28 |
| Proportion of deaths attributable to tobacco (%) | 29 | 67 | 72 | 75 | 76 | 75 | 42 | 68 | 72 | 78 | 77 | 76 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 3 | 19 | 89 | 281 | 25 | 1 | 4 | 15 | 51 | 185 | 22 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 19 | 64 | 5 | 0 | 1 | 3 | 14 | 49 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 16 | 19 | 22 | 23 | 21 | 7 | 18 | 22 | 28 | 26 | 25 |

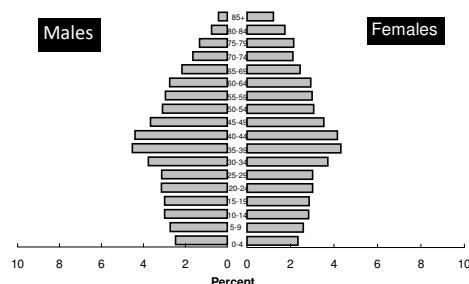
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Austria

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,441 | 1,377 | 2,818 |
| 30-44 | 1,048 | 1,007 | 2,055 |
| 45-59 | 800 | 792 | 1,592 |
| 60-69 | 406 | 444 | 850 |
| 70-79 | 246 | 352 | 598 |
| 80+ | 97 | 244 | 341 |
| Total | 4,038 | 4,215 | 8,253 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1243 per 100,000 population) was about 33 times that for communicable diseases (38 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 292 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 63 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 14% of all tuberculosis deaths.

- The death rate due to tobacco in men was (247 per 100,000 men aged 30 years and over) compared with women (135 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 19% for men and 10% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 28.7% of those whose death was due to a lower respiratory infection, 49.9% of deaths due to the category of 'all cardiovascular diseases combined', and 84.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 97 | 424 | 1,144 | 3,042 | 10,710 | 1,347 |
| Death rate attributable to tobacco | 10 | 113 | 246 | 496 | 936 | 188 |
| Proportion of deaths attributable to tobacco (%) | 10 | 27 | 21 | 16 | 9 | 14 |
| Death rate: Communicable diseases | 4 | 9 | 21 | 67 | 368 | 38 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 8 | 61 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 7 | 10 | 13 | 17 | 14 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 2 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 13 | 22 | 16 | 13 | 12 | 14 |
| Death rate: Lower respiratory infections | 0 | 2 | 9 | 42 | 322 | 27 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 8 | 60 | 5 |
| Proportion of deaths attributable to tobacco (%) | 19 | 29 | 20 | 19 | 19 | 19 |
| Death rate: Noncommunicable diseases | 60 | 366 | 1,062 | 2,865 | 10,065 | 1,243 |
| Death rate attributable to tobacco | 10 | 112 | 244 | 487 | 875 | 183 |
| Proportion of deaths attributable to tobacco (%) | 16 | 31 | 23 | 17 | 9 | 15 |
| Death rate: All malignant neoplasms | 24 | 178 | 497 | 969 | 1,756 | 356 |
| Death rate attributable to tobacco | 4 | 63 | 141 | 223 | 244 | 82 |
| Proportion of deaths attributable to tobacco (%) | 16 | 36 | 28 | 23 | 14 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 46 | 111 | 181 | 176 | 63 |
| Death rate attributable to tobacco | 2 | 39 | 94 | 150 | 135 | 52 |
| Proportion of deaths attributable to tobacco (%) | 50 | 85 | 85 | 83 | 77 | 82 |
| Death rate: All other malignant neoplasms | 21 | 132 | 386 | 788 | 1,580 | 293 |
| Death rate attributable to tobacco | 2 | 25 | 46 | 73 | 109 | 30 |
| Proportion of deaths attributable to tobacco (%) | 10 | 19 | 12 | 9 | 7 | 10 |
| Death rate: All Cardiovascular diseases | 12 | 80 | 296 | 1,218 | 6,333 | 606 |
| Death rate attributable to tobacco | 5 | 40 | 67 | 145 | 301 | 59 |
| Proportion of deaths attributable to tobacco (%) | 45 | 50 | 23 | 12 | 5 | 10 |
| Death rate: Ischaemic heart disease | 5 | 47 | 169 | 646 | 2,844 | 292 |
| Death rate attributable to tobacco | 2 | 23 | 36 | 71 | 142 | 30 |
| Proportion of deaths attributable to tobacco (%) | 46 | 48 | 22 | 11 | 5 | 10 |
| Death rate: Cerebrovascular disease | 3 | 14 | 48 | 220 | 1,129 | 108 |
| Death rate attributable to tobacco | 1 | 7 | 11 | 26 | 4 | 7 |
| Proportion of deaths attributable to tobacco (%) | 39 | 51 | 22 | 12 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 4 | 19 | 79 | 352 | 2,360 | 206 |
| Death rate attributable to tobacco | 2 | 10 | 20 | 48 | 154 | 22 |
| Proportion of deaths attributable to tobacco (%) | 48 | 54 | 26 | 14 | 7 | 11 |
| Death rate: Respiratory diseases | 1 | 10 | 45 | 160 | 451 | 56 |
| Death rate attributable to tobacco | 0 | 7 | 29 | 102 | 285 | 36 |
| Proportion of deaths attributable to tobacco (%) | 30 | 69 | 64 | 64 | 63 | 64 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 8 | 37 | 137 | 392 | 48 |
| Death rate attributable to tobacco | 0 | 6 | 27 | 98 | 274 | 34 |
| Proportion of deaths attributable to tobacco (%) | 70 | 80 | 73 | 71 | 70 | 71 |
| Death rate: Other respiratory diseases | 1 | 2 | 8 | 23 | 60 | 8 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 4 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | 19 | 29 | 20 | 19 | 19 | 20 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 133 | 570 | 1,553 | 4,077 | 12,302 | 1,317 | 61 | 278 | 771 | 2,320 | 10,077 | 1,374 |
| Death rate attributable to tobacco | 14 | 170 | 410 | 828 | 1,251 | 247 | 5 | 56 | 95 | 264 | 811 | 135 |
| Proportion of deaths attributable to tobacco (%) | 10 | 30 | 26 | 20 | 10 | 19 | 9 | 20 | 12 | 11 | 8 | 10 |
| <u>Death rate: Communicable diseases</u> | 5 | 13 | 27 | 85 | 450 | 35 | 2 | 5 | 15 | 54 | 336 | 40 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 13 | 81 | 5 | 0 | 0 | 1 | 5 | 53 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 8 | 12 | 16 | 18 | 15 | 3 | 6 | 6 | 9 | 16 | 14 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 2 | 3 | 5 | 1 | - | - | 0 | 1 | 4 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 13 | 22 | 17 | 16 | 14 | 17 | | | 8 | 9 | 10 | 10 |
| <u>Death rate: Lower respiratory infections</u> | 0 | 3 | 12 | 60 | 413 | 24 | 0 | 1 | 6 | 29 | 286 | 30 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 13 | 80 | 5 | 0 | 0 | 1 | 5 | 52 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 29 | 23 | 21 | 19 | 20 | 20 | 28 | 15 | 17 | 18 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 76 | 479 | 1,432 | 3,820 | 11,445 | 1,191 | 43 | 253 | 724 | 2,199 | 9,516 | 1,290 |
| Death rate attributable to tobacco | 14 | 169 | 407 | 815 | 1,170 | 242 | 5 | 55 | 94 | 259 | 757 | 129 |
| Proportion of deaths attributable to tobacco (%) | 18 | 35 | 28 | 21 | 10 | 20 | 12 | 22 | 13 | 12 | 8 | 10 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 204 | 626 | 1,314 | 2,566 | 391 | 24 | 151 | 379 | 728 | 1,434 | 323 |
| Death rate attributable to tobacco | 5 | 95 | 245 | 420 | 534 | 129 | 2 | 31 | 45 | 86 | 129 | 38 |
| Proportion of deaths attributable to tobacco (%) | 21 | 47 | 39 | 32 | 21 | 33 | 10 | 21 | 12 | 12 | 9 | 12 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 60 | 179 | 314 | 345 | 90 | 3 | 31 | 50 | 87 | 109 | 38 |
| Death rate attributable to tobacco | 2 | 53 | 161 | 283 | 303 | 80 | 2 | 24 | 33 | 58 | 69 | 26 |
| Proportion of deaths attributable to tobacco (%) | 50 | 88 | 90 | 90 | 88 | 89 | 51 | 78 | 67 | 66 | 63 | 68 |
| <u>Death rate: All other malignant neoplasms</u> | 21 | 144 | 448 | 1,000 | 2,221 | 300 | 21 | 120 | 329 | 640 | 1,325 | 286 |
| Death rate attributable to tobacco | 3 | 42 | 84 | 137 | 232 | 49 | 1 | 8 | 12 | 28 | 60 | 13 |
| Proportion of deaths attributable to tobacco (%) | 16 | 29 | 19 | 14 | 10 | 16 | 4 | 6 | 4 | 4 | 4 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 16 | 123 | 433 | 1,615 | 6,546 | 510 | 8 | 36 | 171 | 941 | 6,248 | 694 |
| Death rate attributable to tobacco | 8 | 61 | 104 | 195 | 100 | 61 | 3 | 18 | 34 | 109 | 380 | 58 |
| Proportion of deaths attributable to tobacco (%) | 50 | 50 | 24 | 12 | 2 | 12 | 33 | 50 | 20 | 12 | 6 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 8 | 77 | 258 | 914 | 3,150 | 272 | 2 | 18 | 88 | 459 | 2,723 | 311 |
| Death rate attributable to tobacco | 4 | 37 | 59 | 105 | 44 | 34 | 0 | 8 | 16 | 47 | 181 | 26 |
| Proportion of deaths attributable to tobacco (%) | 52 | 48 | 23 | 12 | 1 | 12 | 21 | 47 | 18 | 10 | 7 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 17 | 68 | 268 | 1,077 | 83 | 4 | 10 | 30 | 186 | 1,149 | 131 |
| Death rate attributable to tobacco | 1 | 8 | 15 | 28 | 15 | 9 | 2 | 6 | 6 | 25 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 33 | 49 | 23 | 10 | 1 | 10 | 43 | 54 | 21 | 14 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 5 | 29 | 107 | 432 | 2,319 | 155 | 2 | 8 | 53 | 296 | 2,376 | 252 |
| Death rate attributable to tobacco | 3 | 16 | 30 | 62 | 42 | 18 | 1 | 4 | 12 | 37 | 199 | 25 |
| Proportion of deaths attributable to tobacco (%) | 58 | 54 | 28 | 14 | 2 | 12 | 26 | 54 | 22 | 13 | 8 | 10 |
| <u>Death rate: Respiratory diseases</u> | 1 | 13 | 67 | 257 | 735 | 67 | 1 | 8 | 25 | 92 | 339 | 47 |
| Death rate attributable to tobacco | 0 | 9 | 46 | 173 | 480 | 44 | 0 | 5 | 13 | 53 | 207 | 28 |
| Proportion of deaths attributable to tobacco (%) | 31 | 70 | 69 | 67 | 65 | 67 | 30 | 66 | 52 | 58 | 61 | 60 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 10 | 57 | 222 | 639 | 57 | 0 | 6 | 19 | 78 | 293 | 40 |
| Death rate attributable to tobacco | 0 | 8 | 44 | 165 | 461 | 42 | 0 | 5 | 12 | 51 | 199 | 27 |
| Proportion of deaths attributable to tobacco (%) | 70 | 82 | 77 | 74 | 72 | 74 | 70 | 78 | 62 | 65 | 68 | 67 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 3 | 10 | 36 | 97 | 10 | 0 | 2 | 5 | 14 | 45 | 7 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 7 | 19 | 2 | 0 | 1 | 1 | 2 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | 18 | 29 | 23 | 21 | 19 | 21 | 20 | 28 | 15 | 17 | 18 | 18 |

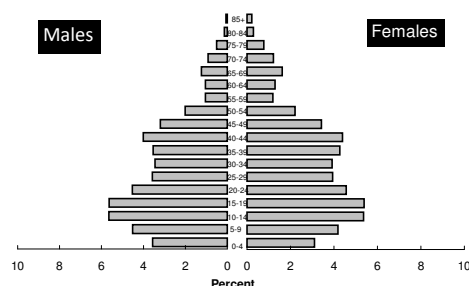
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Azerbaijan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,282 | 2,205 | 4,487 |
| 30-44 | 913 | 1,044 | 1,957 |
| 45-59 | 520 | 567 | 1,087 |
| 60-69 | 190 | 241 | 431 |
| 70-79 | 118 | 165 | 283 |
| 80+ | 17 | 43 | 60 |
| Total | 4,040 | 4,266 | 8,306 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1340 per 100,000 population) was about 23.8 times that for communicable diseases (56 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 16% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 640 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 36 deaths per 100,000 population but with 79% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 17% of all lower respiratory infection deaths and 25% of all tuberculosis deaths.

- The death rate due to tobacco in men was (348 per 100,000 men aged 30 years and over) compared with women (86 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 7% for women.

- Among those who died prematurely, almost one in every 3 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 22.1% of those whose death was due to a lower respiratory infection, 38.2% of deaths due to the category of 'all cardiovascular diseases combined', and 78.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 197 | 731 | 3,123 | 7,038 | 15,796 | 1,431 |
| Death rate attributable to tobacco | 66 | 196 | 649 | 564 | 131 | 207 |
| Proportion of deaths attributable to tobacco (%) | 34 | 27 | 21 | 8 | 1 | 14 |
| Death rate: Communicable diseases | 28 | 44 | 93 | 180 | 354 | 56 |
| Death rate attributable to tobacco | 8 | 6 | 15 | 17 | 7 | 9 |
| Proportion of deaths attributable to tobacco (%) | 30 | 14 | 17 | 10 | 2 | 16 |
| Death rate: Tuberculosis | 17 | 17 | 19 | 21 | 24 | 18 |
| Death rate attributable to tobacco | 6 | 3 | 3 | 2 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | 35 | 16 | 16 | 10 | 4 | 25 |
| Death rate: Lower respiratory infections | 5 | 15 | 56 | 135 | 302 | 28 |
| Death rate attributable to tobacco | 2 | 3 | 12 | 15 | 6 | 5 |
| Proportion of deaths attributable to tobacco (%) | 47 | 22 | 21 | 11 | 2 | 17 |
| Death rate: Noncommunicable diseases | 140 | 648 | 2,987 | 6,812 | 15,393 | 1,340 |
| Death rate attributable to tobacco | 58 | 190 | 633 | 546 | 124 | 198 |
| Proportion of deaths attributable to tobacco (%) | 41 | 29 | 21 | 8 | 1 | 15 |
| Death rate: All malignant neoplasms | 43 | 168 | 511 | 682 | 653 | 189 |
| Death rate attributable to tobacco | 13 | 46 | 182 | 166 | 59 | 53 |
| Proportion of deaths attributable to tobacco (%) | 29 | 27 | 36 | 24 | 9 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 8 | 32 | 115 | 123 | 66 | 36 |
| Death rate attributable to tobacco | 6 | 25 | 98 | 92 | 33 | 29 |
| Proportion of deaths attributable to tobacco (%) | 79 | 78 | 85 | 75 | 51 | 79 |
| Death rate: All other malignant neoplasms | 36 | 136 | 396 | 560 | 587 | 152 |
| Death rate attributable to tobacco | 7 | 21 | 83 | 74 | 25 | 25 |
| Proportion of deaths attributable to tobacco (%) | 18 | 15 | 21 | 13 | 4 | 16 |
| Death rate: All Cardiovascular diseases | 59 | 353 | 1,975 | 5,156 | 13,000 | 940 |
| Death rate attributable to tobacco | 42 | 135 | 404 | 305 | 20 | 128 |
| Proportion of deaths attributable to tobacco (%) | 70 | 38 | 20 | 6 | 0 | 14 |
| Death rate: Ischaemic heart disease | 35 | 233 | 1,318 | 3,548 | 9,144 | 640 |
| Death rate attributable to tobacco | 25 | 89 | 268 | 206 | 14 | 84 |
| Proportion of deaths attributable to tobacco (%) | 72 | 38 | 20 | 6 | 0 | 13 |
| Death rate: Cerebrovascular disease | 10 | 70 | 417 | 1,063 | 2,371 | 188 |
| Death rate attributable to tobacco | 7 | 26 | 82 | 63 | 3 | 25 |
| Proportion of deaths attributable to tobacco (%) | 67 | 37 | 20 | 6 | 0 | 13 |
| Death rate: Other cardiovascular diseases | 14 | 50 | 241 | 545 | 1,485 | 113 |
| Death rate attributable to tobacco | 10 | 20 | 53 | 36 | 2 | 19 |
| Proportion of deaths attributable to tobacco (%) | 68 | 41 | 22 | 7 | 0 | 17 |
| Death rate: Respiratory diseases | 3 | 14 | 83 | 195 | 491 | 37 |
| Death rate attributable to tobacco | 2 | 6 | 38 | 66 | 42 | 13 |
| Proportion of deaths attributable to tobacco (%) | 61 | 44 | 46 | 34 | 9 | 34 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 6 | 43 | 103 | 242 | 19 |
| Death rate attributable to tobacco | 1 | 5 | 30 | 56 | 37 | 10 |
| Proportion of deaths attributable to tobacco (%) | 89 | 72 | 70 | 54 | 15 | 53 |
| Death rate: Other respiratory diseases | 2 | 8 | 39 | 92 | 250 | 19 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 10 | 6 | 3 |
| Proportion of deaths attributable to tobacco (%) | 44 | 21 | 20 | 11 | 2 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 268 | 970 | 3,984 | 8,176 | 15,672 | 1,559 | 134 | 511 | 2,445 | 6,222 | 15,846 | 1,322 |
| Death rate attributable to tobacco | 109 | 330 | 1,143 | 985 | 461 | 348 | 29 | 74 | 259 | 261 | - | 86 |
| Proportion of deaths attributable to tobacco (%) | 41 | 34 | 29 | 12 | 3 | 22 | 21 | 14 | 11 | 4 | - | 7 |
| <u>Death rate: Communicable diseases</u> | 45 | 68 | 145 | 233 | 336 | 78 | 14 | 22 | 51 | 141 | 361 | 38 |
| Death rate attributable to tobacco | 16 | 11 | 30 | 31 | 26 | 17 | 2 | 1 | 4 | 7 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 36 | 17 | 21 | 13 | 8 | 22 | 14 | 6 | 7 | 5 | - | 6 |
| <u>Death rate: Tuberculosis</u> | 28 | 27 | 32 | 39 | 53 | 29 | 7 | 7 | 9 | 8 | 12 | 8 |
| Death rate attributable to tobacco | 11 | 5 | 6 | 4 | 3 | 8 | 2 | 0 | 0 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 38 | 19 | 20 | 11 | 6 | 28 | 25 | 6 | 5 | 3 | - | 14 |
| <u>Death rate: Lower respiratory infections</u> | 10 | 24 | 86 | 163 | 263 | 35 | 0 | 7 | 33 | 115 | 317 | 22 |
| Death rate attributable to tobacco | 5 | 6 | 23 | 25 | 22 | 9 | 0 | 1 | 3 | 7 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 25 | 27 | 16 | 8 | 25 | 39 | 12 | 9 | 6 | - | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 175 | 838 | 3,775 | 7,876 | 15,271 | 1,424 | 109 | 473 | 2,368 | 6,049 | 15,442 | 1,268 |
| Death rate attributable to tobacco | 93 | 319 | 1,113 | 955 | 435 | 331 | 27 | 73 | 256 | 254 | - | 84 |
| Proportion of deaths attributable to tobacco (%) | 53 | 38 | 29 | 12 | 3 | 23 | 25 | 15 | 11 | 4 | - | 7 |
| <u>Death rate: All malignant neoplasms</u> | 40 | 180 | 725 | 937 | 911 | 224 | 47 | 158 | 343 | 500 | 550 | 159 |
| Death rate attributable to tobacco | 18 | 81 | 364 | 346 | 206 | 98 | 8 | 14 | 38 | 37 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 45 | 45 | 50 | 37 | 23 | 44 | 18 | 9 | 11 | 7 | - | 10 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 10 | 51 | 215 | 227 | 160 | 60 | 6 | 15 | 37 | 48 | 29 | 16 |
| Death rate attributable to tobacco | 9 | 44 | 198 | 196 | 117 | 53 | 4 | 8 | 20 | 18 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 83 | 86 | 92 | 86 | 74 | 88 | 72 | 54 | 55 | 38 | - | 52 |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 128 | 510 | 710 | 752 | 164 | 41 | 143 | 307 | 451 | 521 | 143 |
| Death rate attributable to tobacco | 9 | 37 | 167 | 150 | 89 | 45 | 4 | 6 | 18 | 19 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 31 | 29 | 33 | 21 | 12 | 27 | 10 | 4 | 6 | 4 | - | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 88 | 503 | 2,477 | 5,849 | 12,577 | 977 | 34 | 216 | 1,581 | 4,660 | 13,169 | 909 |
| Death rate attributable to tobacco | 71 | 223 | 667 | 482 | 70 | 208 | 16 | 55 | 196 | 178 | - | 61 |
| Proportion of deaths attributable to tobacco (%) | 81 | 44 | 27 | 8 | 1 | 21 | 48 | 25 | 12 | 4 | - | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 58 | 361 | 1,744 | 4,153 | 9,167 | 694 | 15 | 116 | 982 | 3,114 | 9,135 | 594 |
| Death rate attributable to tobacco | 48 | 157 | 463 | 343 | 50 | 145 | 6 | 27 | 115 | 108 | - | 32 |
| Proportion of deaths attributable to tobacco (%) | 82 | 43 | 27 | 8 | 1 | 21 | 40 | 23 | 12 | 3 | - | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 12 | 76 | 458 | 1,122 | 2,152 | 175 | 8 | 63 | 384 | 1,020 | 2,458 | 199 |
| Death rate attributable to tobacco | 8 | 34 | 121 | 83 | 12 | 33 | 6 | 18 | 52 | 49 | - | 18 |
| Proportion of deaths attributable to tobacco (%) | 68 | 44 | 26 | 7 | 1 | 19 | 65 | 28 | 14 | 5 | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 17 | 66 | 274 | 573 | 1,257 | 109 | 11 | 36 | 214 | 525 | 1,576 | 116 |
| Death rate attributable to tobacco | 15 | 32 | 83 | 56 | 8 | 30 | 5 | 10 | 29 | 21 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 85 | 49 | 30 | 10 | 1 | 27 | 45 | 27 | 14 | 4 | - | 9 |
| <u>Death rate: Respiratory diseases</u> | 5 | 21 | 116 | 260 | 491 | 44 | 2 | 8 | 56 | 148 | 491 | 32 |
| Death rate attributable to tobacco | 3 | 11 | 65 | 112 | 149 | 21 | 1 | 2 | 16 | 33 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 64 | 50 | 56 | 43 | 30 | 48 | 55 | 29 | 29 | 22 | - | 18 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 10 | 64 | 139 | 257 | 23 | 1 | 3 | 27 | 77 | 236 | 16 |
| Death rate attributable to tobacco | 2 | 8 | 51 | 93 | 129 | 16 | 1 | 2 | 13 | 29 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 91 | 79 | 80 | 67 | 50 | 72 | 86 | 55 | 50 | 37 | - | 30 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 11 | 52 | 121 | 234 | 21 | 2 | 5 | 29 | 71 | 256 | 17 |
| Death rate attributable to tobacco | 1 | 3 | 14 | 19 | 20 | 5 | 1 | 1 | 3 | 4 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 25 | 27 | 16 | 8 | 22 | 39 | 12 | 9 | 6 | - | 7 |

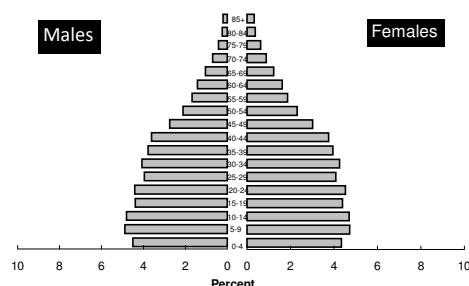
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bahamas

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 86 | 86 | 172 |
| 30-44 | 37 | 38 | 75 |
| 45-59 | 21 | 23 | 44 |
| 60-69 | 8 | 9 | 17 |
| 70-79 | 4 | 5 | 8 |
| 80+ | 1 | 2 | 4 |
| Total | 156 | 163 | 319 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (847 per 100,000 population) was about 3 times that for communicable diseases (279 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 159 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 19 deaths per 100,000 population but with 65% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 14% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (83 per 100,000 men aged 30 years and over) compared with women (52 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 5% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 592 | 853 | 1,754 | 3,422 | 11,073 | 1,224 |
| Death rate attributable to tobacco | - | 76 | 120 | 148 | 882 | 67 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 7 | 4 | 8 | 5 |
| Death rate: Communicable diseases | 300 | 237 | 153 | 206 | 1,088 | 279 |
| Death rate attributable to tobacco | - | 3 | 3 | 7 | 149 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 3 | 14 | 2 |
| Death rate: Tuberculosis | 9 | 2 | 4 | 8 | 38 | 7 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 5 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 6 | 6 | 12 | 3 |
| Death rate: Lower respiratory infections | 3 | 24 | 22 | 104 | 664 | 34 |
| Death rate attributable to tobacco | - | 3 | 2 | 6 | 134 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 9 | 6 | 20 | 14 |
| Death rate: Noncommunicable diseases | 195 | 531 | 1,510 | 3,107 | 9,660 | 847 |
| Death rate attributable to tobacco | - | 73 | 118 | 141 | 733 | 61 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 8 | 5 | 8 | 7 |
| Death rate: All malignant neoplasms | 48 | 140 | 418 | 826 | 1,415 | 196 |
| Death rate attributable to tobacco | - | 22 | 45 | 64 | 175 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 11 | 8 | 12 | 10 |
| Death rate: Trachea, bronchus, lung cancers | - | 19 | 48 | 75 | 148 | 19 |
| Death rate attributable to tobacco | - | 12 | 31 | 44 | 107 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 63 | 65 | 59 | 72 | 65 |
| Death rate: All other malignant neoplasms | 48 | 121 | 370 | 752 | 1,267 | 177 |
| Death rate attributable to tobacco | - | 10 | 14 | 20 | 68 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 3 | 5 | 4 |
| Death rate: All Cardiovascular diseases | 54 | 215 | 583 | 1,508 | 5,801 | 388 |
| Death rate attributable to tobacco | - | 46 | 59 | 44 | 355 | 32 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 10 | 3 | 6 | 8 |
| Death rate: Ischaemic heart disease | 11 | 103 | 236 | 686 | 2,280 | 159 |
| Death rate attributable to tobacco | - | 23 | 22 | 21 | 162 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 9 | 3 | 7 | 9 |
| Death rate: Cerebrovascular disease | 10 | 43 | 122 | 394 | 1,131 | 82 |
| Death rate attributable to tobacco | - | 8 | 11 | 11 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 9 | 3 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 33 | 69 | 225 | 427 | 2,390 | 147 |
| Death rate attributable to tobacco | - | 15 | 26 | 12 | 191 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 11 | 3 | 8 | 9 |
| Death rate: Respiratory diseases | 7 | 16 | 37 | 97 | 327 | 26 |
| Death rate attributable to tobacco | - | 4 | 6 | 27 | 137 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 17 | 28 | 42 | 25 |
| Death rate: Chronic obstructive pulmonary disease | - | 3 | 8 | 60 | 209 | 10 |
| Death rate attributable to tobacco | - | 2 | 4 | 25 | 116 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 67 | 49 | 42 | 55 | 51 |
| Death rate: Other respiratory diseases | 7 | 14 | 29 | 37 | 118 | 16 |
| Death rate attributable to tobacco | - | 2 | 2 | 2 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 8 | 6 | 18 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 601 | 1,140 | 2,180 | 4,026 | 10,957 | 1,318 | 583 | 593 | 1,384 | 2,974 | 11,144 | 1,140 |
| Death rate attributable to tobacco | - | 153 | 133 | 296 | 392 | 83 | - | 6 | 109 | 37 | 1,181 | 52 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 6 | 7 | 4 | 6 | - | 1 | 8 | 1 | 11 | 5 |
| <u>Death rate: Communicable diseases</u> | 322 | 331 | 171 | 271 | 1,003 | 319 | 280 | 152 | 138 | 157 | 1,140 | 243 |
| Death rate attributable to tobacco | - | 6 | 2 | 14 | 42 | 4 | - | 0 | 3 | 1 | 214 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 5 | 4 | 1 | - | 0 | 2 | 1 | 19 | 3 |
| <i>Death rate: Tuberculosis</i> | 8 | 3 | - | 18 | 36 | 7 | 10 | - | 7 | - | 39 | 7 |
| Death rate attributable to tobacco | - | 0 | - | 1 | 2 | 0 | - | - | 0 | - | 6 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | | 6 | 4 | 3 | - | | 6 | | 17 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 7 | 35 | 24 | 162 | 634 | 38 | - | 14 | 20 | 60 | 683 | 30 |
| Death rate attributable to tobacco | - | 6 | 2 | 13 | 40 | 3 | - | 0 | 2 | 1 | 191 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 7 | 8 | 6 | 9 | | 1 | 11 | 2 | 28 | 20 |
| <u>Death rate: Noncommunicable diseases</u> | 133 | 672 | 1,893 | 3,611 | 9,678 | 857 | 254 | 403 | 1,177 | 2,733 | 9,650 | 838 |
| Death rate attributable to tobacco | - | 147 | 131 | 282 | 350 | 80 | - | 6 | 106 | 36 | 967 | 45 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 7 | 8 | 4 | 9 | - | 1 | 9 | 1 | 10 | 5 |
| <i>Death rate: All malignant neoplasms</i> | 21 | 153 | 466 | 1,013 | 1,883 | 197 | 74 | 128 | 377 | 688 | 1,129 | 195 |
| Death rate attributable to tobacco | - | 44 | 65 | 138 | 147 | 30 | - | 1 | 28 | 10 | 192 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 14 | 14 | 8 | 15 | - | 1 | 7 | 1 | 17 | 5 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | - | 31 | 57 | 126 | 129 | 25 | - | 8 | 40 | 36 | 160 | 14 |
| Death rate attributable to tobacco | - | 24 | 39 | 95 | 86 | 18 | - | 1 | 23 | 7 | 119 | 7 |
| Proportion of deaths attributable to tobacco (%) | | 77 | 69 | 75 | 67 | 74 | | 10 | 59 | 18 | 75 | 50 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 121 | 409 | 887 | 1,755 | 173 | 74 | 120 | 337 | 651 | 969 | 181 |
| Death rate attributable to tobacco | - | 20 | 25 | 42 | 61 | 12 | - | 0 | 5 | 3 | 73 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 6 | 5 | 3 | 7 | - | 0 | 1 | 0 | 7 | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 40 | 292 | 727 | 1,821 | 5,297 | 387 | 68 | 145 | 458 | 1,275 | 6,108 | 390 |
| Death rate attributable to tobacco | - | 91 | 51 | 78 | 23 | 37 | - | 4 | 66 | 19 | 557 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 7 | 4 | 0 | 10 | - | 3 | 14 | 1 | 9 | 7 |
| <i>Death rate: Ischaemic heart disease</i> | 13 | 156 | 305 | 980 | 2,195 | 180 | 10 | 55 | 177 | 468 | 2,331 | 140 |
| Death rate attributable to tobacco | - | 47 | 20 | 41 | 9 | 18 | - | 1 | 24 | 6 | 256 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 7 | 4 | 0 | 10 | - | 3 | 13 | 1 | 11 | 8 |
| <i>Death rate: Cerebrovascular disease</i> | 10 | 51 | 185 | 440 | 746 | 78 | 10 | 35 | 68 | 360 | 1,366 | 86 |
| Death rate attributable to tobacco | - | 16 | 12 | 16 | 3 | 7 | - | 1 | 11 | 6 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 7 | 4 | 0 | 9 | - | 3 | 16 | 2 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 18 | 85 | 237 | 401 | 2,356 | 128 | 49 | 55 | 214 | 447 | 2,411 | 164 |
| Death rate attributable to tobacco | - | 29 | 19 | 20 | 11 | 12 | - | 2 | 32 | 6 | 301 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 8 | 5 | 0 | 9 | - | 3 | 15 | 1 | 12 | 8 |
| <i>Death rate: Respiratory diseases</i> | 9 | 28 | 49 | 163 | 502 | 37 | 5 | 6 | 27 | 48 | 220 | 17 |
| Death rate attributable to tobacco | - | 7 | 7 | 58 | 160 | 9 | - | 0 | 6 | 5 | 123 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 14 | 36 | 32 | 25 | - | 1 | 22 | 10 | 56 | 27 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | - | 6 | 9 | 108 | 353 | 15 | - | - | 7 | 24 | 121 | 6 |
| Death rate attributable to tobacco | - | 4 | 4 | 54 | 150 | 7 | - | - | 4 | 4 | 95 | 3 |
| Proportion of deaths attributable to tobacco (%) | | 67 | 45 | 49 | 43 | 48 | | | 54 | 18 | 79 | 60 |
| <i>Death rate: Other respiratory diseases</i> | 9 | 23 | 40 | 54 | 149 | 22 | 5 | 6 | 20 | 24 | 99 | 11 |
| Death rate attributable to tobacco | - | 4 | 3 | 4 | 9 | 2 | - | 0 | 2 | 1 | 28 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 7 | 8 | 6 | 8 | - | 1 | 11 | 2 | 28 | 10 |

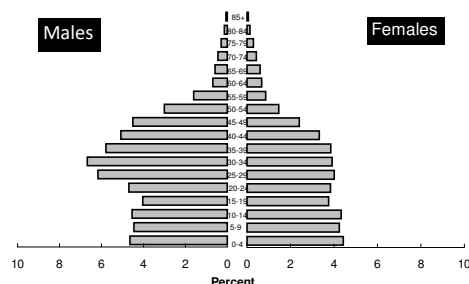
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bahrain

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 203 | 175 | 377 |
| 30-44 | 125 | 79 | 203 |
| 45-59 | 65 | 33 | 98 |
| 60-69 | 9 | 9 | 18 |
| 70-79 | 5 | 5 | 10 |
| 80+ | 1 | 1 | 3 |
| Total | 408 | 303 | 710 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (578 per 100,000 population) was about 12.8 times that for communicable diseases (45 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 9% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 95 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 23 deaths per 100,000 population but with 80% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 40% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (92 per 100,000 men aged 30 years and over) compared with women (97 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 14% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 116 | 441 | 2,379 | 6,202 | 16,769 | 666 |
| Death rate attributable to tobacco | - | 30 | 346 | 1,128 | 3,649 | 94 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 15 | 18 | 22 | 14 |
| Death rate: Communicable diseases | 11 | 21 | 103 | 385 | 1,691 | 45 |
| Death rate attributable to tobacco | - | 0 | 4 | 25 | 348 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 7 | 21 | 9 |
| Death rate: Tuberculosis | 2 | 4 | 4 | 44 | - | 4 |
| Death rate attributable to tobacco | - | 0 | 1 | 9 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 17 | 20 | - | 9 |
| Death rate: Lower respiratory infections | 0 | - | 17 | 61 | 747 | 9 |
| Death rate attributable to tobacco | - | - | 4 | 17 | 348 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 23 | 28 | 47 | 40 |
| Death rate: Noncommunicable diseases | 65 | 374 | 2,214 | 5,733 | 15,031 | 578 |
| Death rate attributable to tobacco | - | 30 | 341 | 1,103 | 3,301 | 90 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 15 | 19 | 22 | 16 |
| Death rate: All malignant neoplasms | 13 | 72 | 447 | 1,091 | 1,822 | 103 |
| Death rate attributable to tobacco | - | 7 | 122 | 379 | 999 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 27 | 35 | 55 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 12 | 98 | 283 | 565 | 23 |
| Death rate attributable to tobacco | - | 5 | 82 | 253 | 524 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 42 | 83 | 89 | 93 | 80 |
| Death rate: All other malignant neoplasms | 13 | 60 | 349 | 808 | 1,257 | 80 |
| Death rate attributable to tobacco | - | 2 | 40 | 126 | 475 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 12 | 16 | 38 | 13 |
| Death rate: All Cardiovascular diseases | 34 | 206 | 1,023 | 2,288 | 6,199 | 261 |
| Death rate attributable to tobacco | - | 21 | 154 | 413 | 907 | 35 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 15 | 18 | 15 | 13 |
| Death rate: Ischaemic heart disease | 15 | 100 | 366 | 694 | 1,763 | 95 |
| Death rate attributable to tobacco | - | 10 | 55 | 114 | 229 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 15 | 16 | 13 | 12 |
| Death rate: Cerebrovascular disease | 2 | 17 | 105 | 381 | 412 | 28 |
| Death rate attributable to tobacco | - | 2 | 13 | 70 | 7 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 13 | 18 | 2 | 13 |
| Death rate: Other cardiovascular diseases | 16 | 90 | 552 | 1,213 | 4,023 | 139 |
| Death rate attributable to tobacco | - | 9 | 86 | 229 | 670 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 16 | 19 | 17 | 15 |
| Death rate: Respiratory diseases | 2 | 12 | 122 | 488 | 1,664 | 41 |
| Death rate attributable to tobacco | - | 2 | 45 | 216 | 1,007 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 37 | 44 | 60 | 45 |
| Death rate: Chronic obstructive pulmonary disease | - | 5 | 59 | 158 | 559 | 14 |
| Death rate attributable to tobacco | - | 1 | 35 | 126 | 500 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 59 | 80 | 89 | 74 |
| Death rate: Other respiratory diseases | 2 | 7 | 63 | 330 | 1,105 | 26 |
| Death rate attributable to tobacco | - | 0 | 10 | 90 | 507 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 16 | 27 | 46 | 30 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 146 | 470 | 2,570 | 6,656 | 16,631 | 637 | 67 | 386 | 2,190 | 5,739 | 16,912 | 713 |
| Death rate attributable to tobacco | - | 38 | 600 | 1,351 | 2,753 | 92 | - | 15 | 95 | 900 | 4,577 | 97 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 23 | 20 | 17 | 14 | - | 4 | 4 | 16 | 27 | 14 |
| <u>Death rate: Communicable diseases</u> | 15 | 22 | 106 | 394 | 1,502 | 41 | 4 | 20 | 100 | 376 | 1,886 | 51 |
| Death rate attributable to tobacco | - | 0 | 9 | 31 | 159 | 2 | - | 0 | - | 19 | 544 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 9 | 8 | 11 | 6 | - | 0 | - | 5 | 29 | 13 |
| <u>Death rate: Tuberculosis</u> | 2 | 4 | 8 | 71 | - | 5 | 1 | 4 | - | 16 | - | 2 |
| Death rate attributable to tobacco | - | 0 | 1 | 14 | - | 0 | - | 0 | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 17 | 20 | - | 10 | - | 1 | - | 17 | - | 6 |
| <u>Death rate: Lower respiratory infections</u> | - | - | 34 | 64 | 439 | 6 | 1 | - | - | 57 | 1,065 | 14 |
| Death rate attributable to tobacco | - | - | 8 | 17 | 159 | 2 | - | - | - | 16 | 544 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 23 | 27 | 36 | 30 | - | - | - | 29 | 51 | 46 |
| <u>Death rate: Noncommunicable diseases</u> | 78 | 390 | 2,358 | 6,123 | 15,036 | 536 | 46 | 344 | 2,072 | 5,336 | 15,026 | 644 |
| Death rate attributable to tobacco | - | 38 | 591 | 1,319 | 2,594 | 90 | - | 15 | 95 | 881 | 4,033 | 90 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 25 | 22 | 17 | 17 | - | 4 | 5 | 17 | 27 | 14 |
| <u>Death rate: All malignant neoplasms</u> | 9 | 61 | 524 | 1,324 | 2,458 | 99 | 20 | 94 | 371 | 852 | 1,165 | 110 |
| Death rate attributable to tobacco | - | 9 | 232 | 559 | 1,466 | 38 | - | 3 | 13 | 195 | 516 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 44 | 42 | 60 | 38 | - | 3 | 4 | 23 | 44 | 14 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 0 | 14 | 172 | 418 | 763 | 28 | 0 | 9 | 26 | 145 | 361 | 14 |
| Death rate attributable to tobacco | - | 7 | 155 | 387 | 720 | 24 | - | 2 | 9 | 116 | 321 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 48 | 90 | 93 | 94 | 84 | - | 21 | 36 | 80 | 89 | 65 |
| <u>Death rate: All other malignant neoplasms</u> | 8 | 47 | 352 | 906 | 1,695 | 70 | 20 | 86 | 346 | 707 | 803 | 96 |
| Death rate attributable to tobacco | - | 2 | 77 | 172 | 746 | 14 | - | 1 | 4 | 79 | 195 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 22 | 19 | 44 | 20 | - | 1 | 1 | 11 | 24 | 6 |
| <u>Death rate: All Cardiovascular diseases</u> | 49 | 237 | 1,057 | 2,410 | 5,991 | 255 | 9 | 146 | 988 | 2,164 | 6,414 | 271 |
| Death rate attributable to tobacco | - | 26 | 247 | 382 | 220 | 30 | - | 10 | 62 | 444 | 1,618 | 43 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 23 | 16 | 4 | 12 | - | 7 | 6 | 21 | 25 | 16 |
| <u>Death rate: Ischaemic heart disease</u> | 24 | 132 | 415 | 821 | 1,904 | 109 | 1 | 37 | 318 | 564 | 1,618 | 73 |
| Death rate attributable to tobacco | - | 14 | 92 | 124 | 62 | 12 | - | 2 | 18 | 104 | 402 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 22 | 15 | 3 | 11 | - | 6 | 6 | 18 | 25 | 14 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 18 | 84 | 414 | 450 | 25 | 1 | 14 | 125 | 347 | 374 | 31 |
| Death rate attributable to tobacco | - | 2 | 18 | 56 | 15 | 3 | - | 1 | 8 | 84 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 22 | 14 | 3 | 12 | - | 8 | 7 | 24 | - | 14 |
| <u>Death rate: Other cardiovascular diseases</u> | 22 | 87 | 559 | 1,174 | 3,637 | 121 | 7 | 96 | 545 | 1,253 | 4,423 | 167 |
| Death rate attributable to tobacco | - | 10 | 137 | 201 | 144 | 15 | - | 7 | 35 | 257 | 1,216 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 25 | 17 | 4 | 13 | - | 7 | 6 | 20 | 27 | 17 |
| <u>Death rate: Respiratory diseases</u> | 1 | 10 | 155 | 619 | 1,078 | 34 | 2 | 15 | 90 | 354 | 2,270 | 51 |
| Death rate attributable to tobacco | - | 2 | 75 | 271 | 551 | 15 | - | 1 | 16 | 160 | 1,478 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 48 | 44 | 51 | 43 | - | 9 | 17 | 45 | 65 | 48 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 5 | 75 | 198 | 323 | 12 | - | 5 | 44 | 117 | 803 | 18 |
| Death rate attributable to tobacco | - | 2 | 57 | 158 | 278 | 9 | - | 1 | 14 | 92 | 729 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 76 | 80 | 86 | 75 | - | 22 | 31 | 79 | 91 | 72 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 5 | 80 | 420 | 755 | 22 | 2 | 10 | 46 | 237 | 1,467 | 33 |
| Death rate attributable to tobacco | - | 0 | 18 | 112 | 274 | 6 | - | 0 | 2 | 68 | 749 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 23 | 27 | 36 | 26 | - | 3 | 5 | 29 | 51 | 34 |

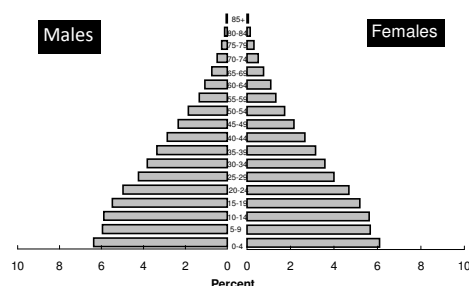
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bangladesh

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 49,557 | 47,052 | 96,609 |
| 30-44 | 15,114 | 14,160 | 29,274 |
| 45-59 | 8,310 | 7,861 | 16,170 |
| 60-69 | 2,724 | 2,783 | 5,507 |
| 70-79 | 1,129 | 1,263 | 2,392 |
| 80+ | 259 | 318 | 577 |
| Total | 77,092 | 73,436 | 150,528 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (926 per 100,000 population) was about 2.5 times that for communicable diseases (365 per 100,000). Tobacco was responsible for 24% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 272 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 34 deaths per 100,000 population but with 81% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (341 per 100,000 men aged 30 years and over) compared with women (165 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 12% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 13.5% of those whose death was due to a lower respiratory infection, 31% of deaths due to the category of 'all cardiovascular diseases combined', and 74.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 440 | 1,181 | 3,091 | 7,256 | 16,976 | 1,412 |
| Death rate attributable to tobacco | 56 | 251 | 681 | 1,186 | 2,546 | 255 |
| Proportion of deaths attributable to tobacco (%) | 13 | 21 | 22 | 16 | 15 | 18 |
| Death rate: Communicable diseases | 215 | 281 | 596 | 1,388 | 3,866 | 365 |
| Death rate attributable to tobacco | 16 | 23 | 71 | 144 | 613 | 36 |
| Proportion of deaths attributable to tobacco (%) | 7 | 8 | 12 | 10 | 16 | 10 |
| Death rate: Tuberculosis | 66 | 145 | 238 | 237 | 227 | 116 |
| Death rate attributable to tobacco | 12 | 17 | 36 | 32 | 44 | 17 |
| Proportion of deaths attributable to tobacco (%) | 18 | 12 | 15 | 13 | 19 | 15 |
| Death rate: Lower respiratory infections | 15 | 42 | 238 | 682 | 2,334 | 100 |
| Death rate attributable to tobacco | 4 | 6 | 35 | 109 | 561 | 18 |
| Proportion of deaths attributable to tobacco (%) | 25 | 13 | 15 | 16 | 24 | 18 |
| Death rate: Noncommunicable diseases | 137 | 775 | 2,347 | 5,570 | 12,388 | 926 |
| Death rate attributable to tobacco | 41 | 228 | 609 | 1,042 | 1,933 | 220 |
| Proportion of deaths attributable to tobacco (%) | 30 | 29 | 26 | 19 | 16 | 24 |
| Death rate: All malignant neoplasms | 28 | 139 | 419 | 669 | 1,510 | 146 |
| Death rate attributable to tobacco | 8 | 50 | 200 | 331 | 734 | 63 |
| Proportion of deaths attributable to tobacco (%) | 30 | 36 | 48 | 49 | 49 | 43 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 27 | 114 | 193 | 328 | 34 |
| Death rate attributable to tobacco | 3 | 20 | 97 | 163 | 287 | 28 |
| Proportion of deaths attributable to tobacco (%) | 60 | 74 | 85 | 84 | 87 | 81 |
| Death rate: All other malignant neoplasms | 24 | 112 | 305 | 476 | 1,182 | 111 |
| Death rate attributable to tobacco | 6 | 30 | 103 | 168 | 447 | 35 |
| Proportion of deaths attributable to tobacco (%) | 25 | 27 | 34 | 35 | 38 | 31 |
| Death rate: All Cardiovascular diseases | 56 | 371 | 1,367 | 3,442 | 7,610 | 515 |
| Death rate attributable to tobacco | 26 | 115 | 248 | 340 | 312 | 93 |
| Proportion of deaths attributable to tobacco (%) | 47 | 31 | 18 | 10 | 4 | 18 |
| Death rate: Ischaemic heart disease | 29 | 213 | 752 | 1,741 | 3,564 | 272 |
| Death rate attributable to tobacco | 14 | 64 | 133 | 165 | 168 | 49 |
| Proportion of deaths attributable to tobacco (%) | 47 | 30 | 18 | 9 | 5 | 18 |
| Death rate: Cerebrovascular disease | 7 | 80 | 386 | 1,030 | 2,191 | 136 |
| Death rate attributable to tobacco | 3 | 25 | 69 | 102 | 24 | 21 |
| Proportion of deaths attributable to tobacco (%) | 47 | 32 | 18 | 10 | 1 | 16 |
| Death rate: Other cardiovascular diseases | 20 | 79 | 230 | 670 | 1,855 | 107 |
| Death rate attributable to tobacco | 9 | 26 | 45 | 73 | 120 | 22 |
| Proportion of deaths attributable to tobacco (%) | 49 | 32 | 20 | 11 | 6 | 20 |
| Death rate: Respiratory diseases | 13 | 117 | 270 | 643 | 1,396 | 113 |
| Death rate attributable to tobacco | 5 | 60 | 154 | 357 | 834 | 61 |
| Proportion of deaths attributable to tobacco (%) | 41 | 51 | 57 | 56 | 60 | 54 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 90 | 225 | 511 | 963 | 85 |
| Death rate attributable to tobacco | 3 | 56 | 146 | 334 | 728 | 56 |
| Proportion of deaths attributable to tobacco (%) | 75 | 62 | 65 | 65 | 76 | 66 |
| Death rate: Other respiratory diseases | 8 | 27 | 44 | 132 | 433 | 28 |
| Death rate attributable to tobacco | 2 | 4 | 8 | 23 | 106 | 5 |
| Proportion of deaths attributable to tobacco (%) | 24 | 15 | 18 | 17 | 24 | 19 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 399 | 1,198 | 3,347 | 7,754 | 17,949 | 1,399 | 484 | 1,163 | 2,840 | 6,811 | 16,184 | 1,427 |
| Death rate attributable to tobacco | 77 | 324 | 1,044 | 1,670 | 3,120 | 341 | 34 | 174 | 325 | 753 | 2,079 | 165 |
| Proportion of deaths attributable to tobacco (%) | 19 | 27 | 31 | 22 | 17 | 24 | 7 | 15 | 11 | 11 | 13 | 12 |
| <u>Death rate: Communicable diseases</u> | 166 | 276 | 643 | 1,511 | 3,952 | 337 | 267 | 286 | 551 | 1,278 | 3,797 | 393 |
| Death rate attributable to tobacco | 22 | 34 | 116 | 208 | 778 | 50 | 9 | 11 | 27 | 87 | 479 | 21 |
| Proportion of deaths attributable to tobacco (%) | 14 | 12 | 18 | 14 | 20 | 15 | 3 | 4 | 5 | 7 | 13 | 5 |
| <i>Death rate: Tuberculosis</i> | 77 | 196 | 357 | 348 | 355 | 154 | 54 | 91 | 121 | 137 | 122 | 77 |
| Death rate attributable to tobacco | 18 | 29 | 67 | 58 | 82 | 28 | 6 | 5 | 5 | 8 | 13 | 6 |
| Proportion of deaths attributable to tobacco (%) | 23 | 15 | 19 | 17 | 23 | 18 | 11 | 6 | 4 | 6 | 11 | 7 |
| <i>Death rate: Lower respiratory infections</i> | 15 | 27 | 191 | 649 | 2,263 | 83 | 14 | 58 | 284 | 712 | 2,392 | 118 |
| Death rate attributable to tobacco | 5 | 5 | 48 | 145 | 685 | 21 | 3 | 6 | 22 | 77 | 461 | 15 |
| Proportion of deaths attributable to tobacco (%) | 30 | 20 | 25 | 22 | 30 | 26 | 19 | 10 | 8 | 11 | 19 | 13 |
| <u>Death rate: Noncommunicable diseases</u> | 137 | 790 | 2,546 | 5,919 | 13,179 | 932 | 137 | 759 | 2,152 | 5,259 | 11,743 | 920 |
| Death rate attributable to tobacco | 55 | 290 | 927 | 1,463 | 2,342 | 291 | 25 | 163 | 298 | 667 | 1,600 | 145 |
| Proportion of deaths attributable to tobacco (%) | 40 | 37 | 36 | 25 | 18 | 31 | 18 | 21 | 14 | 13 | 14 | 16 |
| <i>Death rate: All malignant neoplasms</i> | 22 | 112 | 458 | 764 | 1,529 | 137 | 34 | 167 | 380 | 585 | 1,495 | 154 |
| Death rate attributable to tobacco | 10 | 65 | 320 | 530 | 1,055 | 88 | 7 | 34 | 83 | 152 | 472 | 36 |
| Proportion of deaths attributable to tobacco (%) | 44 | 59 | 70 | 69 | 69 | 65 | 20 | 20 | 22 | 26 | 32 | 23 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 5 | 40 | 197 | 337 | 592 | 54 | 3 | 14 | 32 | 65 | 114 | 14 |
| Death rate attributable to tobacco | 3 | 32 | 180 | 306 | 550 | 47 | 2 | 7 | 16 | 35 | 74 | 7 |
| Proportion of deaths attributable to tobacco (%) | 67 | 82 | 91 | 91 | 93 | 88 | 49 | 51 | 49 | 54 | 65 | 52 |
| <i>Death rate: All other malignant neoplasms</i> | 17 | 72 | 261 | 427 | 937 | 83 | 31 | 154 | 347 | 520 | 1,381 | 141 |
| Death rate attributable to tobacco | 6 | 33 | 140 | 224 | 505 | 41 | 5 | 27 | 67 | 117 | 399 | 28 |
| Proportion of deaths attributable to tobacco (%) | 37 | 46 | 54 | 52 | 54 | 49 | 17 | 18 | 19 | 23 | 29 | 20 |
| <i>Death rate: All Cardiovascular diseases</i> | 58 | 408 | 1,447 | 3,524 | 7,941 | 517 | 53 | 332 | 1,289 | 3,369 | 7,341 | 513 |
| Death rate attributable to tobacco | 39 | 152 | 366 | 436 | 209 | 123 | 13 | 76 | 133 | 253 | 396 | 60 |
| Proportion of deaths attributable to tobacco (%) | 68 | 37 | 25 | 12 | 3 | 24 | 24 | 23 | 10 | 8 | 5 | 12 |
| <i>Death rate: Ischaemic heart disease</i> | 31 | 252 | 824 | 1,915 | 4,080 | 292 | 27 | 171 | 681 | 1,586 | 3,144 | 251 |
| Death rate attributable to tobacco | 21 | 91 | 204 | 236 | 102 | 70 | 5 | 36 | 65 | 102 | 222 | 28 |
| Proportion of deaths attributable to tobacco (%) | 68 | 36 | 25 | 12 | 2 | 24 | 20 | 21 | 9 | 6 | 7 | 11 |
| <i>Death rate: Cerebrovascular disease</i> | 8 | 84 | 399 | 1,029 | 2,176 | 132 | 6 | 75 | 373 | 1,032 | 2,203 | 141 |
| Death rate attributable to tobacco | 4 | 31 | 98 | 114 | 54 | 26 | 2 | 19 | 41 | 91 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 51 | 37 | 25 | 11 | 2 | 20 | 41 | 26 | 11 | 9 | - | 11 |
| <i>Death rate: Other cardiovascular diseases</i> | 19 | 72 | 224 | 580 | 1,685 | 94 | 20 | 86 | 235 | 751 | 1,994 | 121 |
| Death rate attributable to tobacco | 14 | 30 | 64 | 86 | 53 | 27 | 5 | 21 | 27 | 60 | 175 | 17 |
| Proportion of deaths attributable to tobacco (%) | 73 | 41 | 29 | 15 | 3 | 29 | 24 | 25 | 12 | 8 | 9 | 14 |
| <u>Death rate: Respiratory diseases</u> | 11 | 113 | 327 | 732 | 1,485 | 117 | 15 | 122 | 213 | 563 | 1,324 | 110 |
| Death rate attributable to tobacco | 5 | 69 | 230 | 473 | 991 | 75 | 5 | 51 | 80 | 253 | 706 | 47 |
| Proportion of deaths attributable to tobacco (%) | 48 | 61 | 70 | 65 | 67 | 65 | 36 | 42 | 37 | 45 | 53 | 43 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 88 | 276 | 579 | 1,036 | 89 | 5 | 93 | 176 | 450 | 903 | 81 |
| Death rate attributable to tobacco | 3 | 64 | 217 | 439 | 855 | 69 | 3 | 48 | 77 | 241 | 625 | 43 |
| Proportion of deaths attributable to tobacco (%) | 83 | 73 | 79 | 76 | 83 | 77 | 69 | 52 | 44 | 53 | 69 | 53 |
| <i>Death rate: Other respiratory diseases</i> | 7 | 25 | 51 | 153 | 449 | 27 | 10 | 29 | 37 | 112 | 421 | 28 |
| Death rate attributable to tobacco | 2 | 5 | 13 | 34 | 136 | 7 | 2 | 3 | 3 | 12 | 81 | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 20 | 25 | 22 | 30 | 25 | 19 | 10 | 8 | 11 | 19 | 13 |

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

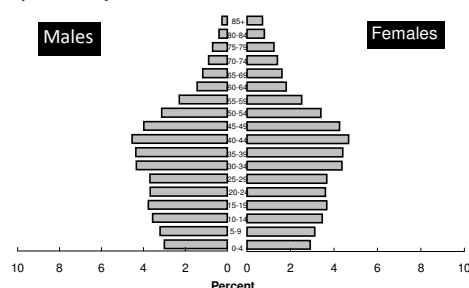
Note 4: For additional discussion on smokeless tobacco please refer to strengths and limitations section of the Technical Note

Barbados

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 61 | 59 | 120 |
| 30-44 | 39 | 39 | 78 |
| 45-59 | 27 | 30 | 57 |
| 60-69 | 8 | 10 | 17 |
| 70-79 | 5 | 8 | 12 |
| 80+ | 2 | 4 | 6 |
| Total | 141 | 150 | 291 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1040 per 100,000 population) was about 6.7 times that for communicable diseases (154 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 133 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 12 deaths per 100,000 population but with 53% of these deaths attributed to tobacco.

- The death rate due to tobacco in men was (59 per 100,000 men aged 30 years and over) compared with women (1 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 301 | 652 | 1,864 | 3,870 | 11,181 | 1,236 |
| Death rate attributable to tobacco | - | 10 | 66 | 149 | 195 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 4 | 2 | 2 |
| Death rate: Communicable diseases | 106 | 87 | 119 | 216 | 1,348 | 154 |
| Death rate attributable to tobacco | - | 0 | 1 | 6 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 3 | 3 | 1 |
| Death rate: Tuberculosis | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Lower respiratory infections | 6 | 17 | 42 | 120 | 801 | 51 |
| Death rate attributable to tobacco | - | 0 | 1 | 6 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 5 | 5 | 4 |
| Death rate: Noncommunicable diseases | 149 | 536 | 1,705 | 3,613 | 9,737 | 1,040 |
| Death rate attributable to tobacco | - | 10 | 64 | 142 | 157 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 4 | 2 | 2 |
| Death rate: All malignant neoplasms | 37 | 166 | 535 | 1,060 | 2,031 | 279 |
| Death rate attributable to tobacco | - | 3 | 27 | 78 | 89 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 7 | 4 | 5 |
| Death rate: Trachea, bronchus, lung cancers | - | 6 | 32 | 62 | 52 | 12 |
| Death rate attributable to tobacco | - | 1 | 15 | 38 | 39 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 48 | 62 | 75 | 53 |
| Death rate: All other malignant neoplasms | 37 | 160 | 503 | 998 | 1,979 | 267 |
| Death rate attributable to tobacco | - | 2 | 12 | 39 | 50 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 4 | 3 | 2 |
| Death rate: All Cardiovascular diseases | 64 | 173 | 678 | 1,476 | 4,568 | 431 |
| Death rate attributable to tobacco | - | 6 | 30 | 35 | 12 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 2 | 0 | 2 |
| Death rate: Ischaemic heart disease | 6 | 68 | 330 | 509 | 1,021 | 133 |
| Death rate attributable to tobacco | - | 3 | 14 | 13 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 2 | 0 | 2 |
| Death rate: Cerebrovascular disease | 4 | 31 | 145 | 424 | 1,269 | 104 |
| Death rate attributable to tobacco | - | 1 | 6 | 7 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 2 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 55 | 75 | 202 | 542 | 2,277 | 193 |
| Death rate attributable to tobacco | - | 3 | 10 | 15 | 6 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 3 | 0 | 2 |
| Death rate: Respiratory diseases | 14 | 31 | 25 | 108 | 261 | 37 |
| Death rate attributable to tobacco | - | 0 | 4 | 21 | 38 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 17 | 19 | 15 | 9 |
| Death rate: Chronic obstructive pulmonary disease | - | 2 | 9 | 34 | 89 | 7 |
| Death rate attributable to tobacco | - | - | 4 | 17 | 30 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 41 | 51 | 34 | 38 |
| Death rate: Other respiratory diseases | 14 | 29 | 16 | 74 | 172 | 29 |
| Death rate attributable to tobacco | - | 0 | 1 | 3 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 4 | 5 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|--------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 413 | 866 | 2,507 | 5,300 | 16,289 | 1,426 | 192 | 454 | 1,375 | 3,010 | 8,962 | 1,069 |
| Death rate attributable to tobacco | - | 21 | 142 | 395 | 644 | 59 | - | - | 8 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 7 | 4 | 4 | - | - | 1 | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 162 | 130 | 152 | 301 | 2,105 | 205 | 50 | 46 | 94 | 165 | 1,019 | 110 |
| Death rate attributable to tobacco | - | 0 | 2 | 17 | 124 | 4 | - | - | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 6 | 6 | 2 | - | - | 0 | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 9 | 24 | 40 | 197 | 1,331 | 59 | 3 | 12 | 43 | 73 | 571 | 43 |
| Death rate attributable to tobacco | - | 0 | 2 | 17 | 124 | 4 | - | - | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 9 | 9 | 7 | - | - | 1 | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 173 | 686 | 2,285 | 4,900 | 13,907 | 1,149 | 125 | 397 | 1,263 | 2,838 | 7,925 | 945 |
| Death rate attributable to tobacco | - | 20 | 140 | 378 | 520 | 54 | - | - | 7 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 8 | 4 | 5 | - | - | 1 | - | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 26 | 167 | 598 | 1,626 | 3,951 | 314 | 49 | 166 | 488 | 719 | 1,197 | 247 |
| Death rate attributable to tobacco | - | 6 | 59 | 206 | 295 | 27 | - | - | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 13 | 7 | 8 | - | - | 0 | - | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 10 | 51 | 133 | 172 | 20 | - | 3 | 18 | 19 | - | 5 |
| Death rate attributable to tobacco | - | 3 | 33 | 102 | 130 | 13 | - | - | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 66 | 77 | 75 | 66 | - | - | 8 | - | - | 4 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 157 | 547 | 1,494 | 3,779 | 294 | 49 | 163 | 470 | 699 | 1,197 | 243 |
| Death rate attributable to tobacco | - | 3 | 26 | 105 | 165 | 14 | - | - | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 7 | 4 | 5 | - | - | 0 | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 74 | 266 | 1,020 | 1,994 | 5,771 | 476 | 55 | 87 | 418 | 1,164 | 4,045 | 392 |
| Death rate attributable to tobacco | - | 13 | 63 | 94 | 39 | 17 | - | - | 4 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 5 | 1 | 4 | - | - | 1 | - | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 8 | 119 | 506 | 753 | 1,442 | 171 | 3 | 20 | 196 | 363 | 839 | 101 |
| Death rate attributable to tobacco | - | 5 | 29 | 34 | 9 | 7 | - | - | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 4 | 1 | 4 | - | - | 1 | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 50 | 202 | 496 | 1,574 | 104 | 5 | 14 | 102 | 381 | 1,137 | 105 |
| Death rate attributable to tobacco | - | 2 | 12 | 20 | 9 | 3 | - | - | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 4 | 1 | 3 | - | - | 1 | - | - | 0 |
| <u>Death rate: Other cardiovascular diseases</u> | 63 | 97 | 311 | 745 | 2,755 | 202 | 47 | 54 | 119 | 420 | 2,070 | 186 |
| Death rate attributable to tobacco | - | 5 | 22 | 40 | 21 | 7 | - | - | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 5 | 1 | 3 | - | - | 1 | - | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 22 | 33 | 51 | 189 | 474 | 49 | 6 | 29 | 6 | 59 | 168 | 26 |
| Death rate attributable to tobacco | - | 1 | 10 | 55 | 127 | 7 | - | - | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 20 | 29 | 27 | 15 | - | - | 1 | - | - | 0 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | 20 | 90 | 191 | 12 | - | 3 | - | - | 45 | 3 |
| Death rate attributable to tobacco | - | - | 8 | 46 | 101 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 41 | 51 | 53 | 50 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 22 | 33 | 30 | 100 | 283 | 37 | 6 | 26 | 6 | 59 | 123 | 23 |
| Death rate attributable to tobacco | - | 1 | 2 | 9 | 26 | 2 | - | - | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 9 | 9 | 4 | - | - | 1 | - | - | 0 |

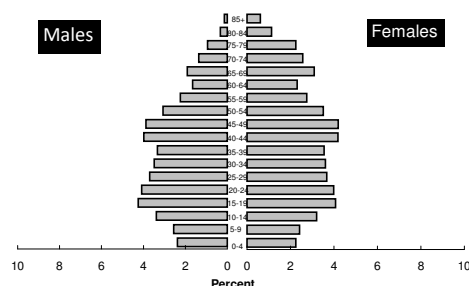
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Belarus

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,005 | 1,929 | 3,933 |
| 30-44 | 1,064 | 1,117 | 2,181 |
| 45-59 | 904 | 1,029 | 1,933 |
| 60-69 | 350 | 533 | 883 |
| 70-79 | 226 | 473 | 700 |
| 80+ | 47 | 171 | 218 |
| Total | 4,596 | 5,252 | 9,848 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2077 per 100,000 population) was about 50.9 times that for communicable diseases (41 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 18% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 1054 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 62 deaths per 100,000 population but with 83% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 29% of all lower respiratory infection deaths and 30% of all tuberculosis deaths.

- The death rate due to tobacco in men was (775 per 100,000 men aged 30 years and over) compared with women (8 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 28% for men and 0% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 39% of those whose death was due to a lower respiratory infection, 46.6% of deaths due to the category of 'all cardiovascular diseases combined', and 86.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 471 | 1,312 | 3,152 | 6,121 | 15,205 | 2,357 |
| Death rate attributable to tobacco | 87 | 372 | 738 | 588 | 294 | 344 |
| Proportion of deaths attributable to tobacco (%) | 19 | 28 | 23 | 10 | 2 | 15 |
| Death rate: Communicable diseases | 39 | 52 | 36 | 23 | 40 | 41 |
| Death rate attributable to tobacco | 6 | 11 | 8 | 3 | 3 | 8 |
| Proportion of deaths attributable to tobacco (%) | 16 | 21 | 22 | 13 | 9 | 18 |
| Death rate: Tuberculosis | 18 | 24 | 15 | 7 | 7 | 18 |
| Death rate attributable to tobacco | 6 | 8 | 4 | 1 | 1 | 5 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 26 | 15 | 12 | 30 |
| Death rate: Lower respiratory infections | 0 | 7 | 11 | 11 | 26 | 6 |
| Death rate attributable to tobacco | 0 | 3 | 4 | 2 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | 38 | 39 | 35 | 16 | 10 | 29 |
| Death rate: Noncommunicable diseases | 211 | 963 | 2,882 | 5,935 | 14,995 | 2,077 |
| Death rate attributable to tobacco | 81 | 361 | 730 | 585 | 290 | 337 |
| Proportion of deaths attributable to tobacco (%) | 38 | 38 | 25 | 10 | 2 | 16 |
| Death rate: All malignant neoplasms | 43 | 251 | 642 | 838 | 949 | 328 |
| Death rate attributable to tobacco | 9 | 89 | 215 | 191 | 115 | 92 |
| Proportion of deaths attributable to tobacco (%) | 21 | 36 | 34 | 23 | 12 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 52 | 144 | 153 | 112 | 62 |
| Death rate attributable to tobacco | 3 | 45 | 127 | 122 | 71 | 52 |
| Proportion of deaths attributable to tobacco (%) | 66 | 87 | 88 | 80 | 64 | 83 |
| Death rate: All other malignant neoplasms | 39 | 199 | 498 | 686 | 837 | 266 |
| Death rate attributable to tobacco | 6 | 44 | 88 | 69 | 44 | 40 |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 18 | 10 | 5 | 15 |
| Death rate: All Cardiovascular diseases | 107 | 547 | 1,929 | 4,662 | 13,258 | 1,546 |
| Death rate attributable to tobacco | 69 | 255 | 442 | 294 | 53 | 212 |
| Proportion of deaths attributable to tobacco (%) | 64 | 47 | 23 | 6 | 0 | 14 |
| Death rate: Ischaemic heart disease | 58 | 338 | 1,288 | 3,253 | 9,363 | 1,054 |
| Death rate attributable to tobacco | 40 | 166 | 303 | 215 | 40 | 141 |
| Proportion of deaths attributable to tobacco (%) | 69 | 49 | 24 | 7 | 0 | 13 |
| Death rate: Cerebrovascular disease | 20 | 144 | 506 | 1,191 | 3,237 | 390 |
| Death rate attributable to tobacco | 10 | 57 | 102 | 62 | 10 | 45 |
| Proportion of deaths attributable to tobacco (%) | 49 | 40 | 20 | 5 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 29 | 65 | 135 | 218 | 659 | 102 |
| Death rate attributable to tobacco | 19 | 32 | 37 | 17 | 3 | 25 |
| Proportion of deaths attributable to tobacco (%) | 66 | 48 | 27 | 8 | 1 | 25 |
| Death rate: Respiratory diseases | 5 | 28 | 124 | 234 | 492 | 75 |
| Death rate attributable to tobacco | 2 | 16 | 72 | 99 | 121 | 33 |
| Proportion of deaths attributable to tobacco (%) | 49 | 58 | 58 | 42 | 25 | 44 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 14 | 77 | 146 | 303 | 45 |
| Death rate attributable to tobacco | 1 | 11 | 58 | 84 | 106 | 27 |
| Proportion of deaths attributable to tobacco (%) | 76 | 80 | 75 | 58 | 35 | 59 |
| Death rate: Other respiratory diseases | 3 | 14 | 48 | 88 | 189 | 30 |
| Death rate attributable to tobacco | 1 | 5 | 14 | 15 | 15 | 6 |
| Proportion of deaths attributable to tobacco (%) | 34 | 36 | 29 | 17 | 8 | 21 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 755 | 2,048 | 4,974 | 8,609 | 17,423 | 2,762 | 201 | 666 | 1,953 | 4,933 | 14,603 | 2,042 |
| Death rate attributable to tobacco | 179 | 797 | 1,814 | 1,778 | 1,306 | 775 | - | - | 30 | 19 | 18 | 8 |
| Proportion of deaths attributable to tobacco (%) | 24 | 39 | 36 | 21 | 7 | 28 | - | - | 2 | 0 | 0 | 0 |
| <u>Death rate: Communicable diseases</u> | 65 | 96 | 74 | 42 | 86 | 75 | 14 | 14 | 11 | 14 | 27 | 14 |
| Death rate attributable to tobacco | 13 | 23 | 20 | 9 | 16 | 17 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 20 | 24 | 27 | 21 | 18 | 23 | - | - | 0 | 0 | 0 | 0 |
| <i>Death rate: Tuberculosis</i> | 33 | 49 | 33 | 15 | 26 | 37 | 5 | 3 | 3 | 3 | 2 | 4 |
| Death rate attributable to tobacco | 12 | 16 | 9 | 3 | 4 | 12 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 36 | 34 | 29 | 20 | 15 | 33 | - | - | 1 | 0 | 0 | 0 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 13 | 26 | 21 | 57 | 11 | 0 | 1 | 1 | 7 | 17 | 2 |
| Death rate attributable to tobacco | 0 | 6 | 10 | 6 | 12 | 4 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 45 | 43 | 37 | 26 | 21 | 36 | - | - | 1 | 1 | 0 | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 312 | 1,442 | 4,467 | 8,272 | 17,022 | 2,263 | 115 | 543 | 1,839 | 4,818 | 14,444 | 1,932 |
| Death rate attributable to tobacco | 166 | 773 | 1,794 | 1,769 | 1,290 | 758 | - | - | 30 | 19 | 18 | 8 |
| Proportion of deaths attributable to tobacco (%) | 53 | 54 | 40 | 21 | 8 | 34 | - | - | 2 | 0 | 0 | 0 |
| <i>Death rate: All malignant neoplasms</i> | 43 | 344 | 1,045 | 1,444 | 1,711 | 436 | 44 | 169 | 376 | 549 | 741 | 244 |
| Death rate attributable to tobacco | 19 | 191 | 537 | 586 | 534 | 208 | - | - | 4 | 2 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 45 | 55 | 51 | 41 | 31 | 48 | - | - | 1 | 0 | 0 | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 8 | 103 | 333 | 406 | 371 | 127 | 2 | 7 | 19 | 31 | 41 | 12 |
| Death rate attributable to tobacco | 6 | 96 | 316 | 375 | 329 | 118 | - | - | 3 | 2 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 79 | 93 | 95 | 92 | 89 | 93 | - | - | 14 | 5 | 2 | 6 |
| <i>Death rate: All other malignant neoplasms</i> | 34 | 241 | 712 | 1,038 | 1,340 | 309 | 43 | 162 | 357 | 518 | 700 | 232 |
| Death rate attributable to tobacco | 13 | 95 | 221 | 211 | 205 | 90 | - | - | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 36 | 39 | 31 | 20 | 15 | 29 | - | - | 0 | 0 | 0 | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 180 | 858 | 2,916 | 6,053 | 13,847 | 1,545 | 38 | 274 | 1,279 | 3,998 | 13,098 | 1,547 |
| Death rate attributable to tobacco | 142 | 546 | 1,078 | 880 | 211 | 475 | - | - | 24 | 13 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | 79 | 64 | 37 | 15 | 2 | 31 | - | - | 2 | 0 | 0 | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 102 | 567 | 2,031 | 4,395 | 10,196 | 1,081 | 16 | 137 | 799 | 2,708 | 9,137 | 1,033 |
| Death rate attributable to tobacco | 82 | 356 | 743 | 647 | 153 | 318 | - | - | 14 | 8 | 9 | 4 |
| Proportion of deaths attributable to tobacco (%) | 80 | 63 | 37 | 15 | 2 | 29 | - | - | 2 | 0 | 0 | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 30 | 192 | 675 | 1,368 | 2,984 | 344 | 10 | 101 | 394 | 1,106 | 3,306 | 426 |
| Death rate attributable to tobacco | 20 | 122 | 245 | 181 | 45 | 101 | - | - | 8 | 5 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 66 | 64 | 36 | 13 | 2 | 29 | - | - | 2 | 0 | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 47 | 99 | 211 | 290 | 667 | 120 | 12 | 36 | 85 | 184 | 656 | 89 |
| Death rate attributable to tobacco | 40 | 68 | 89 | 53 | 13 | 57 | - | - | 2 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 84 | 68 | 42 | 18 | 2 | 47 | - | - | 2 | 0 | 0 | 0 |
| <u>Death rate: Respiratory diseases</u> | 8 | 52 | 258 | 492 | 979 | 117 | 2 | 7 | 36 | 111 | 360 | 43 |
| Death rate attributable to tobacco | 5 | 35 | 177 | 299 | 543 | 74 | - | - | 2 | 3 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | 62 | 67 | 69 | 61 | 55 | 63 | - | - | 7 | 3 | 2 | 3 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 27 | 164 | 321 | 641 | 72 | 1 | 3 | 19 | 63 | 211 | 24 |
| Death rate attributable to tobacco | 3 | 24 | 142 | 255 | 473 | 60 | - | - | 2 | 3 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 90 | 89 | 87 | 79 | 74 | 82 | - | - | 12 | 5 | 3 | 5 |
| <i>Death rate: Other respiratory diseases</i> | 5 | 25 | 94 | 171 | 337 | 44 | 2 | 4 | 17 | 48 | 149 | 19 |
| Death rate attributable to tobacco | 2 | 11 | 35 | 45 | 69 | 14 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 45 | 43 | 37 | 26 | 21 | 33 | - | - | 1 | 1 | 0 | 1 |

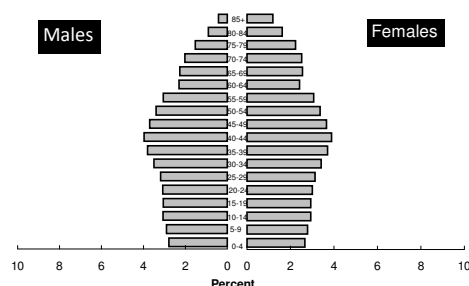
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Belgium

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 1,873 | 1,807 | 3,680 |
| 30-44 | 1,168 | 1,140 | 2,307 |
| 45-59 | 1,052 | 1,045 | 2,097 |
| 60-69 | 472 | 515 | 987 |
| 70-79 | 367 | 492 | 859 |
| 80+ | 137 | 291 | 429 |
| Total | 5,070 | 5,290 | 10,360 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1391 per 100,000 population) was about 16.6 times that for communicable diseases (84 per 100,000). Tobacco was responsible for 20% of all NCDs compared with 17% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 242 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 104 deaths per 100,000 population but with 89% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 24% of all lower respiratory infection deaths and 22% of all tuberculosis deaths.

- The death rate due to tobacco in men was (490 per 100,000 men aged 30 years and over) compared with women (115 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 31% for men and 8% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 33.9% of those whose death was due to a lower respiratory infection, 55.9% of deaths due to the category of 'all cardiovascular diseases combined', and 88.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 119 | 468 | 1,266 | 3,391 | 11,499 | 1,549 |
| Death rate attributable to tobacco | 17 | 155 | 404 | 777 | 1,253 | 295 |
| Proportion of deaths attributable to tobacco (%) | 15 | 33 | 32 | 23 | 11 | 19 |
| Death rate: Communicable diseases | 4 | 12 | 36 | 147 | 850 | 84 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 26 | 147 | 14 |
| Proportion of deaths attributable to tobacco (%) | 7 | 18 | 16 | 18 | 17 | 17 |
| Death rate: Tuberculosis | 0 | 1 | 2 | 5 | 10 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 30 | 21 | 23 | 20 | 22 |
| Death rate: Lower respiratory infections | 1 | 6 | 19 | 94 | 646 | 58 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 25 | 144 | 14 |
| Proportion of deaths attributable to tobacco (%) | 27 | 34 | 29 | 27 | 22 | 24 |
| Death rate: Noncommunicable diseases | 68 | 399 | 1,171 | 3,146 | 10,355 | 1,391 |
| Death rate attributable to tobacco | 17 | 153 | 398 | 751 | 1,106 | 280 |
| Proportion of deaths attributable to tobacco (%) | 25 | 38 | 34 | 24 | 11 | 20 |
| Death rate: All malignant neoplasms | 28 | 208 | 562 | 1,100 | 2,019 | 429 |
| Death rate attributable to tobacco | 5 | 80 | 218 | 361 | 404 | 131 |
| Proportion of deaths attributable to tobacco (%) | 19 | 38 | 39 | 33 | 20 | 31 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 58 | 180 | 298 | 300 | 104 |
| Death rate attributable to tobacco | 2 | 51 | 163 | 268 | 259 | 92 |
| Proportion of deaths attributable to tobacco (%) | 59 | 88 | 91 | 90 | 86 | 89 |
| Death rate: All other malignant neoplasms | 24 | 150 | 383 | 802 | 1,719 | 325 |
| Death rate attributable to tobacco | 3 | 28 | 55 | 93 | 145 | 39 |
| Proportion of deaths attributable to tobacco (%) | 12 | 19 | 14 | 12 | 8 | 12 |
| Death rate: All Cardiovascular diseases | 20 | 111 | 379 | 1,270 | 5,331 | 603 |
| Death rate attributable to tobacco | 11 | 62 | 118 | 199 | 207 | 79 |
| Proportion of deaths attributable to tobacco (%) | 54 | 56 | 31 | 16 | 4 | 13 |
| Death rate: Ischaemic heart disease | 8 | 67 | 222 | 618 | 1,657 | 242 |
| Death rate attributable to tobacco | 5 | 38 | 68 | 96 | 69 | 40 |
| Proportion of deaths attributable to tobacco (%) | 60 | 56 | 31 | 16 | 4 | 17 |
| Death rate: Cerebrovascular disease | 5 | 21 | 76 | 309 | 1,436 | 151 |
| Death rate attributable to tobacco | 2 | 11 | 22 | 45 | 14 | 14 |
| Proportion of deaths attributable to tobacco (%) | 43 | 53 | 29 | 14 | 1 | 9 |
| Death rate: Other cardiovascular diseases | 7 | 23 | 81 | 342 | 2,238 | 209 |
| Death rate attributable to tobacco | 4 | 13 | 28 | 59 | 124 | 25 |
| Proportion of deaths attributable to tobacco (%) | 54 | 58 | 34 | 17 | 6 | 12 |
| Death rate: Respiratory diseases | 2 | 17 | 89 | 287 | 847 | 110 |
| Death rate attributable to tobacco | 1 | 11 | 59 | 183 | 476 | 67 |
| Proportion of deaths attributable to tobacco (%) | 48 | 64 | 67 | 64 | 56 | 60 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 11 | 64 | 201 | 533 | 73 |
| Death rate attributable to tobacco | 1 | 9 | 52 | 159 | 405 | 57 |
| Proportion of deaths attributable to tobacco (%) | 76 | 81 | 81 | 79 | 76 | 78 |
| Death rate: Other respiratory diseases | 1 | 6 | 25 | 85 | 314 | 37 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 24 | 71 | 9 |
| Proportion of deaths attributable to tobacco (%) | 26 | 31 | 30 | 28 | 23 | 25 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 157 | 605 | 1,699 | 4,578 | 13,218 | 1,601 | 80 | 330 | 868 | 2,505 | 10,690 | 1,502 |
| Death rate attributable to tobacco | 30 | 261 | 717 | 1,534 | 2,590 | 490 | 4 | 49 | 117 | 211 | 623 | 115 |
| Proportion of deaths attributable to tobacco (%) | 19 | 43 | 42 | 34 | 20 | 31 | 5 | 15 | 14 | 8 | 6 | 8 |
| <u>Death rate: Communicable diseases</u> | 6 | 16 | 47 | 202 | 995 | 80 | 2 | 8 | 26 | 106 | 781 | 87 |
| Death rate attributable to tobacco | 1 | 4 | 10 | 51 | 290 | 21 | 0 | 1 | 2 | 8 | 79 | 8 |
| Proportion of deaths attributable to tobacco (%) | 9 | 22 | 21 | 25 | 29 | 26 | 3 | 9 | 8 | 7 | 10 | 9 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 3 | 9 | 19 | 3 | 0 | 0 | 2 | 2 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 25 | 32 | 28 | 27 | 28 | 28 | 6 | 11 | 9 | 7 | 8 | 8 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 8 | 25 | 138 | 796 | 57 | 1 | 3 | 13 | 61 | 575 | 60 |
| Death rate attributable to tobacco | 0 | 3 | 9 | 48 | 284 | 20 | 0 | 1 | 2 | 8 | 79 | 8 |
| Proportion of deaths attributable to tobacco (%) | 33 | 40 | 36 | 35 | 36 | 36 | 11 | 19 | 15 | 12 | 14 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 80 | 511 | 1,577 | 4,237 | 11,849 | 1,426 | 56 | 287 | 800 | 2,331 | 9,651 | 1,359 |
| Death rate attributable to tobacco | 30 | 258 | 707 | 1,484 | 2,300 | 469 | 4 | 48 | 115 | 203 | 544 | 107 |
| Proportion of deaths attributable to tobacco (%) | 37 | 50 | 45 | 35 | 19 | 33 | 8 | 17 | 14 | 9 | 6 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 244 | 749 | 1,582 | 3,054 | 514 | 30 | 171 | 391 | 740 | 1,531 | 351 |
| Death rate attributable to tobacco | 9 | 139 | 405 | 765 | 1,050 | 242 | 2 | 20 | 45 | 59 | 100 | 30 |
| Proportion of deaths attributable to tobacco (%) | 34 | 57 | 54 | 48 | 34 | 47 | 5 | 12 | 12 | 8 | 7 | 9 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 95 | 319 | 603 | 747 | 182 | 2 | 21 | 51 | 70 | 89 | 32 |
| Death rate attributable to tobacco | 4 | 88 | 302 | 572 | 705 | 171 | 1 | 14 | 35 | 41 | 49 | 20 |
| Proportion of deaths attributable to tobacco (%) | 70 | 93 | 95 | 95 | 94 | 94 | 34 | 68 | 68 | 58 | 55 | 61 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 149 | 430 | 979 | 2,307 | 332 | 27 | 150 | 339 | 670 | 1,442 | 319 |
| Death rate attributable to tobacco | 5 | 51 | 103 | 192 | 346 | 71 | 1 | 6 | 11 | 19 | 51 | 10 |
| Proportion of deaths attributable to tobacco (%) | 24 | 34 | 24 | 20 | 15 | 21 | 3 | 4 | 3 | 3 | 4 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 27 | 165 | 525 | 1,614 | 5,395 | 559 | 12 | 56 | 244 | 1,012 | 5,301 | 643 |
| Death rate attributable to tobacco | 19 | 102 | 193 | 348 | 191 | 117 | 2 | 21 | 50 | 88 | 214 | 45 |
| Proportion of deaths attributable to tobacco (%) | 69 | 62 | 37 | 22 | 4 | 21 | 19 | 39 | 20 | 9 | 4 | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 13 | 110 | 331 | 881 | 1,997 | 277 | 3 | 24 | 122 | 421 | 1,498 | 211 |
| Death rate attributable to tobacco | 9 | 67 | 118 | 184 | 63 | 67 | 0 | 8 | 23 | 31 | 72 | 16 |
| Proportion of deaths attributable to tobacco (%) | 71 | 61 | 36 | 21 | 3 | 24 | 12 | 35 | 19 | 7 | 5 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 5 | 25 | 92 | 355 | 1,335 | 122 | 4 | 17 | 62 | 276 | 1,483 | 179 |
| Death rate attributable to tobacco | 3 | 15 | 32 | 67 | 42 | 20 | 1 | 7 | 13 | 28 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 54 | 61 | 35 | 19 | 3 | 17 | 28 | 41 | 22 | 10 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 8 | 30 | 102 | 378 | 2,063 | 160 | 5 | 15 | 61 | 316 | 2,320 | 254 |
| Death rate attributable to tobacco | 6 | 20 | 43 | 97 | 85 | 30 | 1 | 6 | 14 | 30 | 143 | 20 |
| Proportion of deaths attributable to tobacco (%) | 76 | 67 | 42 | 26 | 4 | 19 | 15 | 41 | 23 | 9 | 6 | 8 |
| <u>Death rate: Respiratory diseases</u> | 3 | 21 | 142 | 499 | 1,429 | 148 | 1 | 13 | 40 | 128 | 572 | 76 |
| Death rate attributable to tobacco | 1 | 15 | 104 | 358 | 1,027 | 106 | 0 | 6 | 18 | 52 | 216 | 30 |
| Proportion of deaths attributable to tobacco (%) | 57 | 73 | 73 | 72 | 72 | 72 | 27 | 49 | 45 | 40 | 38 | 39 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 14 | 106 | 364 | 1,031 | 107 | 0 | 8 | 25 | 80 | 298 | 42 |
| Death rate attributable to tobacco | 1 | 13 | 91 | 311 | 884 | 92 | 0 | 5 | 16 | 46 | 179 | 25 |
| Proportion of deaths attributable to tobacco (%) | 84 | 88 | 86 | 85 | 86 | 86 | 55 | 69 | 63 | 57 | 60 | 60 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 7 | 36 | 136 | 399 | 41 | 1 | 5 | 15 | 48 | 274 | 34 |
| Death rate attributable to tobacco | 0 | 3 | 13 | 48 | 142 | 15 | 0 | 1 | 2 | 6 | 38 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 40 | 36 | 35 | 36 | 36 | 11 | 19 | 15 | 12 | 14 | 14 |

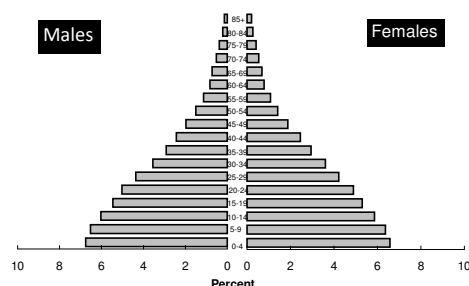
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Belize

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 92 | 90 | 182 |
| 30-44 | 24 | 24 | 48 |
| 45-59 | 12 | 12 | 24 |
| 60-69 | 4 | 4 | 8 |
| 70-79 | 2 | 3 | 5 |
| 80+ | 1 | 1 | 2 |
| Total | 136 | 133 | 269 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1060 per 100,000 population) was about 5.9 times that for communicable diseases (181 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 156 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 20 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (156 per 100,000 men aged 30 years and over) compared with women (15 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 1% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 340 | 795 | 2,215 | 5,859 | 17,419 | 1,396 |
| Death rate attributable to tobacco | - | 88 | 127 | 438 | 935 | 85 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 6 | 7 | 5 | 6 |
| Death rate: Communicable diseases | 69 | 87 | 192 | 465 | 2,889 | 181 |
| Death rate attributable to tobacco | - | 4 | 4 | 25 | 245 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 5 | 8 | 5 |
| Death rate: Tuberculosis | 7 | 23 | 44 | 27 | 149 | 20 |
| Death rate attributable to tobacco | - | 2 | 2 | 2 | 15 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 6 | 10 | 6 |
| Death rate: Lower respiratory infections | 0 | 14 | 50 | 238 | 2,070 | 76 |
| Death rate attributable to tobacco | - | 1 | 3 | 24 | 230 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 5 | 10 | 11 | 10 |
| Death rate: Noncommunicable diseases | 135 | 573 | 1,865 | 5,191 | 13,852 | 1,060 |
| Death rate attributable to tobacco | - | 85 | 123 | 413 | 690 | 76 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 7 | 8 | 5 | 7 |
| Death rate: All malignant neoplasms | 27 | 130 | 370 | 925 | 2,157 | 194 |
| Death rate attributable to tobacco | - | 20 | 35 | 143 | 276 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 10 | 15 | 13 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 19 | 39 | 115 | 160 | 20 |
| Death rate attributable to tobacco | - | 12 | 22 | 84 | 141 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 64 | 57 | 73 | 89 | 70 |
| Death rate: All other malignant neoplasms | 26 | 111 | 331 | 810 | 1,997 | 174 |
| Death rate attributable to tobacco | - | 8 | 13 | 58 | 135 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 7 | 7 | 6 |
| Death rate: All Cardiovascular diseases | 39 | 264 | 865 | 3,016 | 8,132 | 557 |
| Death rate attributable to tobacco | - | 56 | 48 | 143 | 59 | 30 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 6 | 5 | 1 | 5 |
| Death rate: Ischaemic heart disease | 5 | 90 | 314 | 889 | 1,898 | 156 |
| Death rate attributable to tobacco | - | 22 | 17 | 41 | 13 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 5 | 5 | 1 | 7 |
| Death rate: Cerebrovascular disease | 7 | 56 | 161 | 702 | 1,957 | 125 |
| Death rate attributable to tobacco | - | 10 | 9 | 30 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 5 | 4 | 1 | 5 |
| Death rate: Other cardiovascular diseases | 27 | 119 | 390 | 1,426 | 4,278 | 276 |
| Death rate attributable to tobacco | - | 24 | 22 | 72 | 36 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 6 | 5 | 1 | 5 |
| Death rate: Respiratory diseases | 10 | 22 | 114 | 297 | 1,038 | 66 |
| Death rate attributable to tobacco | - | 5 | 34 | 111 | 333 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 30 | 37 | 32 | 29 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 6 | 76 | 192 | 629 | 36 |
| Death rate attributable to tobacco | - | 3 | 32 | 101 | 306 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 42 | 53 | 49 | 48 |
| Death rate: Other respiratory diseases | 9 | 16 | 38 | 106 | 409 | 30 |
| Death rate attributable to tobacco | - | 2 | 2 | 9 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 6 | 9 | 7 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 469 | 1,024 | 2,716 | 6,789 | 18,970 | 1,600 | 213 | 553 | 1,687 | 4,975 | 16,259 | 1,192 |
| Death rate attributable to tobacco | - | 152 | 206 | 801 | 2,187 | 156 | - | 21 | 43 | 94 | - | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 8 | 12 | 12 | 10 | - | 4 | 3 | 2 | - | 1 |
| <u>Death rate: Communicable diseases</u> | 93 | 123 | 268 | 647 | 3,772 | 230 | 46 | 50 | 112 | 292 | 2,229 | 132 |
| Death rate attributable to tobacco | - | 7 | 7 | 47 | 572 | 18 | - | 0 | 1 | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 3 | 7 | 15 | 8 | - | 1 | 1 | 1 | - | 0 |
| <i>Death rate: Tuberculosis</i> | 11 | 39 | 64 | 32 | 228 | 30 | 3 | 6 | 22 | 22 | 90 | 9 |
| Death rate attributable to tobacco | - | 4 | 3 | 3 | 35 | 2 | - | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 5 | 10 | 15 | 8 | - | 1 | 1 | 1 | - | 1 |
| <i>Death rate: Lower respiratory infections</i> | 0 | 18 | 56 | 330 | 2,598 | 86 | - | 11 | 44 | 150 | 1,676 | 65 |
| Death rate attributable to tobacco | - | 3 | 4 | 44 | 537 | 15 | - | 0 | 1 | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 7 | 13 | 21 | 18 | - | 3 | 3 | 3 | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 137 | 667 | 2,162 | 5,839 | 14,128 | 1,106 | 133 | 474 | 1,553 | 4,574 | 13,646 | 1,014 |
| Death rate attributable to tobacco | - | 146 | 199 | 753 | 1,614 | 138 | - | 20 | 42 | 89 | - | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 9 | 13 | 11 | 12 | - | 4 | 3 | 2 | - | 1 |
| <i>Death rate: All malignant neoplasms</i> | 22 | 114 | 457 | 1,084 | 2,637 | 206 | 32 | 147 | 279 | 773 | 1,797 | 181 |
| Death rate attributable to tobacco | - | 37 | 62 | 277 | 646 | 46 | - | 3 | 7 | 15 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 14 | 26 | 24 | 22 | - | 2 | 2 | 2 | - | 1 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | - | 30 | 56 | 196 | 373 | 33 | 1 | 9 | 22 | 38 | - | 7 |
| Death rate attributable to tobacco | - | 23 | 39 | 165 | 331 | 27 | - | 2 | 5 | 8 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 76 | 69 | 84 | 89 | 81 | - | 21 | 23 | 21 | - | 20 |
| <i>Death rate: All other malignant neoplasms</i> | 22 | 85 | 401 | 889 | 2,264 | 174 | 31 | 139 | 257 | 736 | 1,797 | 174 |
| Death rate attributable to tobacco | - | 14 | 23 | 112 | 315 | 20 | - | 1 | 2 | 7 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 6 | 13 | 14 | 11 | - | 1 | 1 | 1 | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 40 | 322 | 929 | 3,262 | 8,007 | 560 | 37 | 203 | 798 | 2,783 | 8,226 | 554 |
| Death rate attributable to tobacco | - | 95 | 66 | 242 | 137 | 49 | - | 15 | 29 | 49 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 7 | 7 | 2 | 9 | - | 7 | 4 | 2 | - | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 6 | 142 | 384 | 1,017 | 2,047 | 182 | 3 | 34 | 240 | 766 | 1,787 | 131 |
| Death rate attributable to tobacco | - | 40 | 26 | 72 | 31 | 18 | - | 2 | 8 | 12 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 7 | 7 | 2 | 10 | - | 6 | 3 | 2 | - | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 9 | 55 | 172 | 744 | 1,515 | 112 | 5 | 57 | 149 | 662 | 2,287 | 138 |
| Death rate attributable to tobacco | - | 16 | 11 | 47 | 23 | 9 | - | 5 | 6 | 14 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 7 | 6 | 2 | 8 | - | 8 | 4 | 2 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 25 | 125 | 373 | 1,501 | 4,445 | 266 | 29 | 112 | 408 | 1,354 | 4,153 | 285 |
| Death rate attributable to tobacco | - | 38 | 29 | 123 | 83 | 22 | - | 8 | 15 | 24 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 8 | 8 | 2 | 8 | - | 7 | 4 | 2 | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 14 | 36 | 199 | 422 | 1,280 | 89 | 6 | 9 | 24 | 179 | 856 | 44 |
| Death rate attributable to tobacco | - | 9 | 63 | 205 | 780 | 37 | - | 1 | 4 | 20 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 32 | 49 | 61 | 42 | - | 16 | 14 | 11 | - | 4 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 6 | 131 | 301 | 966 | 53 | - | 6 | 17 | 88 | 376 | 19 |
| Death rate attributable to tobacco | - | 4 | 58 | 189 | 715 | 33 | - | 1 | 3 | 18 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 65 | 44 | 63 | 74 | 62 | - | 22 | 20 | 20 | - | 9 |
| <i>Death rate: Other respiratory diseases</i> | 12 | 29 | 67 | 121 | 314 | 35 | 6 | 3 | 8 | 91 | 480 | 24 |
| Death rate attributable to tobacco | - | 4 | 5 | 16 | 65 | 4 | - | 0 | 0 | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 7 | 13 | 21 | 11 | - | 3 | 3 | 3 | - | 1 |

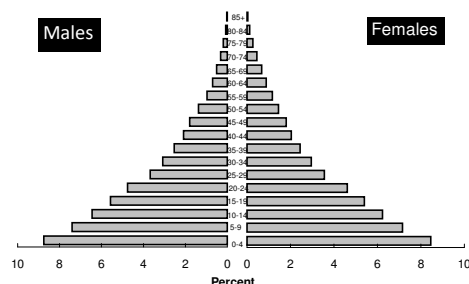
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Benin

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 3,012 | 2,912 | 5,924 |
| 30-44 | 634 | 612 | 1,246 |
| 45-59 | 339 | 363 | 703 |
| 60-69 | 99 | 128 | 227 |
| 70-79 | 42 | 60 | 102 |
| 80+ | 9 | 14 | 22 |
| Total | 4,135 | 4,089 | 8,224 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1040 per 100,000 population) was about 1.8 times that for communicable diseases (584 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 141 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 37% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (55 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 716 | 1,520 | 3,505 | 8,052 | 17,563 | 1,724 |
| Death rate attributable to tobacco | - | 34 | 81 | 138 | 263 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 1 | 2 |
| Death rate: Communicable diseases | 388 | 610 | 946 | 1,548 | 2,638 | 584 |
| Death rate attributable to tobacco | - | 5 | 12 | 17 | 38 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 27 | 29 | 42 | 56 | 55 | 30 |
| Death rate attributable to tobacco | - | 1 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 1 |
| Death rate: Lower respiratory infections | 50 | 197 | 485 | 845 | 1,585 | 188 |
| Death rate attributable to tobacco | - | 5 | 11 | 16 | 37 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |
| Death rate: Noncommunicable diseases | 243 | 810 | 2,430 | 6,304 | 14,668 | 1,040 |
| Death rate attributable to tobacco | - | 29 | 69 | 121 | 224 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | 2 | 2 |
| Death rate: All malignant neoplasms | 38 | 176 | 497 | 1,124 | 1,976 | 192 |
| Death rate attributable to tobacco | - | 6 | 18 | 31 | 59 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 3 | 3 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 21 | 40 | 55 | 7 |
| Death rate attributable to tobacco | - | 2 | 9 | 16 | 25 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 44 | 39 | 46 | 37 |
| Death rate: All other malignant neoplasms | 37 | 169 | 476 | 1,084 | 1,921 | 185 |
| Death rate attributable to tobacco | - | 4 | 9 | 15 | 34 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 2 | 2 |
| Death rate: All Cardiovascular diseases | 81 | 328 | 1,080 | 3,128 | 8,198 | 468 |
| Death rate attributable to tobacco | - | 14 | 19 | 22 | 10 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 15 | 108 | 387 | 958 | 2,051 | 141 |
| Death rate attributable to tobacco | - | 5 | 8 | 8 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 33 | 123 | 402 | 1,167 | 2,921 | 175 |
| Death rate attributable to tobacco | - | 5 | 6 | 6 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 1 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 33 | 97 | 291 | 1,003 | 3,226 | 152 |
| Death rate attributable to tobacco | - | 4 | 5 | 7 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 32 | 90 | 276 | 667 | 1,379 | 115 |
| Death rate attributable to tobacco | - | 8 | 30 | 66 | 149 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 11 | 10 | 11 | 9 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 35 | 135 | 339 | 641 | 49 |
| Death rate attributable to tobacco | - | 7 | 28 | 60 | 133 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 20 | 18 | 21 | 18 |
| Death rate: Other respiratory diseases | 25 | 55 | 142 | 328 | 738 | 66 |
| Death rate attributable to tobacco | - | 1 | 3 | 6 | 16 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 729 | 1,716 | 4,016 | 8,773 | 18,790 | 1,754 | 703 | 1,336 | 3,107 | 7,552 | 16,795 | 1,695 |
| Death rate attributable to tobacco | - | 71 | 185 | 336 | 683 | 55 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 4 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 357 | 721 | 1,245 | 1,926 | 3,129 | 625 | 420 | 507 | 713 | 1,285 | 2,331 | 545 |
| Death rate attributable to tobacco | - | 11 | 28 | 41 | 100 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 38 | 45 | 64 | 90 | 95 | 45 | 14 | 14 | 24 | 31 | 30 | 16 |
| Death rate attributable to tobacco | - | 1 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 77 | 247 | 675 | 1,097 | 1,925 | 233 | 22 | 150 | 338 | 669 | 1,372 | 144 |
| Death rate attributable to tobacco | - | 9 | 26 | 39 | 95 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 4 | 5 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 242 | 840 | 2,590 | 6,553 | 15,360 | 980 | 245 | 781 | 2,306 | 6,131 | 14,235 | 1,097 |
| Death rate attributable to tobacco | - | 60 | 157 | 295 | 584 | 47 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 6 | 4 | 4 | 5 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 29 | 169 | 558 | 1,374 | 2,767 | 189 | 47 | 183 | 449 | 951 | 1,482 | 195 |
| Death rate attributable to tobacco | - | 13 | 42 | 76 | 154 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 6 | 6 | 6 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 12 | 39 | 70 | 108 | 11 | 0 | 2 | 8 | 20 | 21 | 3 |
| Death rate attributable to tobacco | - | 5 | 21 | 39 | 66 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 42 | 55 | 56 | 61 | 48 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 28 | 156 | 520 | 1,304 | 2,658 | 178 | 46 | 181 | 441 | 931 | 1,460 | 192 |
| Death rate attributable to tobacco | - | 8 | 21 | 37 | 88 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 3 | 3 | 4 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 76 | 330 | 1,075 | 2,911 | 7,665 | 404 | 86 | 326 | 1,085 | 3,279 | 8,532 | 529 |
| Death rate attributable to tobacco | - | 29 | 43 | 53 | 26 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 2 | 0 | 4 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 18 | 137 | 466 | 1,156 | 2,316 | 153 | 11 | 80 | 326 | 821 | 1,886 | 130 |
| Death rate attributable to tobacco | - | 11 | 18 | 20 | 7 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 2 | 0 | 4 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 29 | 117 | 369 | 967 | 2,419 | 139 | 36 | 129 | 428 | 1,305 | 3,235 | 209 |
| Death rate attributable to tobacco | - | 10 | 14 | 15 | 7 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 2 | 0 | 3 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 28 | 76 | 240 | 787 | 2,930 | 112 | 38 | 117 | 331 | 1,153 | 3,411 | 190 |
| Death rate attributable to tobacco | - | 8 | 11 | 18 | 12 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 5 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 32 | 113 | 378 | 912 | 1,806 | 133 | 32 | 68 | 197 | 497 | 1,112 | 97 |
| Death rate attributable to tobacco | - | 17 | 70 | 160 | 388 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 18 | 18 | 21 | 15 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 8 | 49 | 206 | 512 | 955 | 64 | 5 | 21 | 79 | 219 | 446 | 34 |
| Death rate attributable to tobacco | - | 15 | 63 | 146 | 346 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 30 | 28 | 36 | 28 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 24 | 65 | 172 | 400 | 851 | 70 | 27 | 47 | 118 | 279 | 667 | 63 |
| Death rate attributable to tobacco | - | 2 | 7 | 14 | 42 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 4 | 5 | 3 | - | - | - | - | - | - |

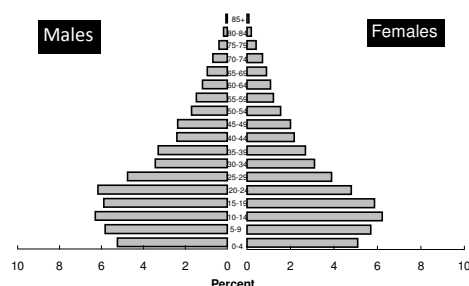
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bhutan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 213 | 197 | 410 |
| 30-44 | 57 | 50 | 107 |
| 45-59 | 35 | 30 | 64 |
| 60-69 | 13 | 12 | 26 |
| 70-79 | 7 | 7 | 14 |
| 80+ | 1 | 2 | 3 |
| Total | 326 | 297 | 623 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1086 per 100,000 population) was about 3 times that for communicable diseases (362 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 350 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 20 deaths per 100,000 population but with 65% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (219 per 100,000 men aged 30 years and over) compared with women (12 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 13% for men and 1% for women.

- Among those who died prematurely, almost one in every 41 deaths among those aged 30-44 and one in 11 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.8% of those whose death was due to a lower respiratory infection, 12.1% of deaths due to the category of 'all cardiovascular diseases combined', and 53.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 373 | 1,068 | 2,982 | 7,115 | 16,892 | 1,581 |
| Death rate attributable to tobacco | 9 | 93 | 358 | 442 | 1,173 | 122 |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 12 | 6 | 7 | 8 |
| Death rate: Communicable diseases | 181 | 240 | 537 | 1,265 | 3,492 | 362 |
| Death rate attributable to tobacco | 1 | 4 | 28 | 43 | 205 | 11 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 5 | 3 | 6 | 3 |
| Death rate: Tuberculosis | 32 | 61 | 82 | 74 | 63 | 50 |
| Death rate attributable to tobacco | 1 | 3 | 6 | 4 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 8 | 5 | 8 | 5 |
| Death rate: Lower respiratory infections | 13 | 18 | 230 | 668 | 1,985 | 113 |
| Death rate attributable to tobacco | 0 | 1 | 20 | 38 | 196 | 8 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 9 | 6 | 10 | 7 |
| Death rate: Noncommunicable diseases | 107 | 702 | 2,290 | 5,529 | 12,506 | 1,086 |
| Death rate attributable to tobacco | 8 | 89 | 330 | 399 | 968 | 111 |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 14 | 7 | 8 | 10 |
| Death rate: All malignant neoplasms | 21 | 110 | 405 | 660 | 1,701 | 161 |
| Death rate attributable to tobacco | 1 | 16 | 105 | 126 | 308 | 31 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 26 | 19 | 18 | 19 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 13 | 63 | 90 | 150 | 20 |
| Death rate attributable to tobacco | 0 | 7 | 46 | 60 | 109 | 13 |
| Proportion of deaths attributable to tobacco (%) | 15 | 53 | 74 | 67 | 73 | 65 |
| Death rate: All other malignant neoplasms | 19 | 98 | 342 | 570 | 1,551 | 140 |
| Death rate attributable to tobacco | 1 | 10 | 59 | 66 | 199 | 18 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 17 | 12 | 13 | 13 |
| Death rate: All Cardiovascular diseases | 43 | 347 | 1,369 | 3,479 | 7,714 | 632 |
| Death rate attributable to tobacco | 6 | 42 | 115 | 96 | 91 | 37 |
| Proportion of deaths attributable to tobacco (%) | 13 | 12 | 8 | 3 | 1 | 6 |
| Death rate: Ischaemic heart disease | 25 | 215 | 790 | 1,850 | 3,848 | 350 |
| Death rate attributable to tobacco | 3 | 27 | 67 | 55 | 53 | 22 |
| Proportion of deaths attributable to tobacco (%) | 13 | 12 | 8 | 3 | 1 | 6 |
| Death rate: Cerebrovascular disease | 4 | 74 | 400 | 1,084 | 2,446 | 180 |
| Death rate attributable to tobacco | 0 | 9 | 32 | 26 | 11 | 8 |
| Proportion of deaths attributable to tobacco (%) | 7 | 12 | 8 | 2 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 13 | 58 | 179 | 546 | 1,420 | 102 |
| Death rate attributable to tobacco | 2 | 7 | 16 | 15 | 27 | 6 |
| Proportion of deaths attributable to tobacco (%) | 15 | 12 | 9 | 3 | 2 | 6 |
| Death rate: Respiratory diseases | 11 | 118 | 272 | 622 | 1,250 | 133 |
| Death rate attributable to tobacco | 1 | 30 | 107 | 172 | 547 | 42 |
| Proportion of deaths attributable to tobacco (%) | 9 | 26 | 39 | 28 | 44 | 31 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 96 | 245 | 543 | 1,075 | 112 |
| Death rate attributable to tobacco | 1 | 29 | 104 | 168 | 530 | 41 |
| Proportion of deaths attributable to tobacco (%) | 20 | 30 | 43 | 31 | 49 | 36 |
| Death rate: Other respiratory diseases | 7 | 23 | 26 | 80 | 175 | 21 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 5 | 18 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 9 | 6 | 10 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 408 | 1,234 | 3,435 | 7,800 | 17,798 | 1,690 | 332 | 874 | 2,492 | 6,454 | 16,113 | 1,459 |
| Death rate attributable to tobacco | 17 | 173 | 688 | 900 | 1,728 | 219 | - | - | - | - | 697 | 12 |
| Proportion of deaths attributable to tobacco (%) | 4 | 14 | 20 | 12 | 10 | 13 | - | - | - | - | 4 | 1 |
| <u>Death rate: Communicable diseases</u> | 194 | 288 | 631 | 1,427 | 3,585 | 393 | 166 | 184 | 435 | 1,109 | 3,412 | 327 |
| Death rate attributable to tobacco | 2 | 7 | 53 | 88 | 321 | 19 | - | - | - | - | 106 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 8 | 6 | 9 | 5 | - | - | - | - | 3 | 1 |
| <i>Death rate: Tuberculosis</i> | 37 | 83 | 119 | 109 | 101 | 66 | 26 | 37 | 41 | 41 | 31 | 32 |
| Death rate attributable to tobacco | 1 | 5 | 12 | 8 | 11 | 4 | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 10 | 7 | 10 | 7 | - | - | - | - | 3 | 0 |
| <i>Death rate: Lower respiratory infections</i> | 16 | 19 | 271 | 746 | 2,096 | 118 | 9 | 18 | 185 | 593 | 1,890 | 107 |
| Death rate attributable to tobacco | 1 | 2 | 39 | 77 | 304 | 14 | - | - | - | - | 103 | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 14 | 10 | 15 | 12 | - | - | - | - | 5 | 2 |
| <u>Death rate: Noncommunicable diseases</u> | 113 | 800 | 2,633 | 6,014 | 13,223 | 1,147 | 99 | 587 | 1,918 | 5,062 | 11,891 | 1,018 |
| Death rate attributable to tobacco | 15 | 166 | 635 | 813 | 1,407 | 200 | - | - | - | - | 591 | 10 |
| Proportion of deaths attributable to tobacco (%) | 13 | 21 | 24 | 14 | 11 | 17 | - | - | - | - | 5 | 1 |
| <i>Death rate: All malignant neoplasms</i> | 19 | 103 | 477 | 774 | 1,668 | 165 | 23 | 119 | 327 | 550 | 1,729 | 155 |
| Death rate attributable to tobacco | 2 | 31 | 203 | 256 | 541 | 57 | - | - | - | - | 107 | 2 |
| Proportion of deaths attributable to tobacco (%) | 12 | 30 | 42 | 33 | 32 | 34 | - | - | - | - | 6 | 1 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 19 | 107 | 153 | 258 | 32 | 1 | 4 | 16 | 29 | 58 | 7 |
| Death rate attributable to tobacco | 0 | 12 | 89 | 122 | 215 | 25 | - | - | - | - | 18 | 0 |
| Proportion of deaths attributable to tobacco (%) | 21 | 64 | 84 | 80 | 84 | 77 | - | - | - | - | 31 | 5 |
| <i>Death rate: All other malignant neoplasms</i> | 16 | 83 | 371 | 621 | 1,410 | 133 | 22 | 115 | 311 | 520 | 1,671 | 148 |
| Death rate attributable to tobacco | 2 | 18 | 113 | 134 | 326 | 32 | - | - | - | - | 89 | 2 |
| Proportion of deaths attributable to tobacco (%) | 11 | 22 | 31 | 22 | 23 | 24 | - | - | - | - | 5 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 47 | 423 | 1,539 | 3,665 | 8,060 | 660 | 39 | 258 | 1,185 | 3,301 | 7,417 | 600 |
| Death rate attributable to tobacco | 11 | 78 | 221 | 195 | 83 | 68 | - | - | - | - | 97 | 2 |
| Proportion of deaths attributable to tobacco (%) | 23 | 18 | 14 | 5 | 1 | 10 | - | - | - | - | 1 | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 28 | 278 | 920 | 2,089 | 4,434 | 391 | 22 | 142 | 650 | 1,619 | 3,344 | 304 |
| Death rate attributable to tobacco | 6 | 49 | 129 | 111 | 44 | 41 | - | - | - | - | 60 | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 18 | 14 | 5 | 1 | 10 | - | - | - | - | 2 | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 5 | 87 | 443 | 1,117 | 2,399 | 180 | 4 | 58 | 353 | 1,052 | 2,486 | 179 |
| Death rate attributable to tobacco | 1 | 16 | 62 | 53 | 24 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 18 | 14 | 5 | 1 | 9 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 14 | 57 | 177 | 458 | 1,227 | 89 | 13 | 58 | 182 | 630 | 1,586 | 117 |
| Death rate attributable to tobacco | 4 | 12 | 31 | 31 | 16 | 11 | - | - | - | - | 37 | 1 |
| Proportion of deaths attributable to tobacco (%) | 27 | 22 | 17 | 7 | 1 | 13 | - | - | - | - | 2 | 1 |
| <u>Death rate: Respiratory diseases</u> | 11 | 129 | 341 | 707 | 1,295 | 145 | 12 | 105 | 197 | 541 | 1,212 | 120 |
| Death rate attributable to tobacco | 2 | 56 | 205 | 351 | 741 | 73 | - | - | - | - | 381 | 7 |
| Proportion of deaths attributable to tobacco (%) | 18 | 43 | 60 | 50 | 57 | 51 | - | - | - | - | 31 | 6 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 106 | 311 | 614 | 1,099 | 122 | 4 | 84 | 175 | 474 | 1,055 | 100 |
| Death rate attributable to tobacco | 2 | 54 | 201 | 342 | 713 | 71 | - | - | - | - | 372 | 6 |
| Proportion of deaths attributable to tobacco (%) | 39 | 51 | 65 | 56 | 65 | 58 | - | - | - | - | 35 | 6 |
| <i>Death rate: Other respiratory diseases</i> | 7 | 23 | 30 | 92 | 196 | 22 | 8 | 22 | 22 | 67 | 158 | 20 |
| Death rate attributable to tobacco | 0 | 2 | 4 | 10 | 28 | 2 | - | - | - | - | 9 | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 14 | 10 | 15 | 10 | - | - | - | - | 5 | 1 |

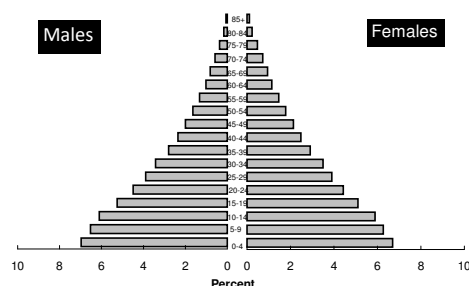
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bolivia (Plurinational State of)

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,995 | 2,910 | 5,905 |
| 30-44 | 773 | 801 | 1,574 |
| 45-59 | 447 | 484 | 931 |
| 60-69 | 165 | 188 | 354 |
| 70-79 | 87 | 108 | 195 |
| 80+ | 20 | 30 | 50 |
| Total | 4,488 | 4,521 | 9,009 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1158 per 100,000 population) was about 4.4 times that for communicable diseases (261 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 130 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 19 deaths per 100,000 population but with 62% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (122 per 100,000 men aged 30 years and over) compared with women (30 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 8% for men and 2% for women.

- Among those who died prematurely, almost one in every 21 deaths among those aged 30-44 and one in 17 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 7.3% of those whose death was due to a lower respiratory infection, 16.6% of deaths due to the category of 'all cardiovascular diseases combined', and 54.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 352 | 1,012 | 2,819 | 6,917 | 16,748 | 1,510 |
| Death rate attributable to tobacco | 17 | 58 | 189 | 335 | 340 | 74 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 7 | 5 | 2 | 5 |
| Death rate: Communicable diseases | 121 | 187 | 412 | 913 | 2,424 | 261 |
| Death rate attributable to tobacco | 4 | 8 | 23 | 38 | 57 | 10 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 6 | 4 | 2 | 4 |
| Death rate: Tuberculosis | 36 | 88 | 157 | 166 | 212 | 76 |
| Death rate attributable to tobacco | 3 | 5 | 10 | 9 | 9 | 5 |
| Proportion of deaths attributable to tobacco (%) | 7 | 5 | 7 | 5 | 4 | 6 |
| Death rate: Lower respiratory infections | 21 | 51 | 138 | 386 | 1,024 | 83 |
| Death rate attributable to tobacco | 1 | 4 | 13 | 30 | 48 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 7 | 9 | 8 | 5 | 7 |
| Death rate: Noncommunicable diseases | 166 | 725 | 2,284 | 5,839 | 14,092 | 1,158 |
| Death rate attributable to tobacco | 14 | 50 | 166 | 296 | 283 | 64 |
| Proportion of deaths attributable to tobacco (%) | 8 | 7 | 7 | 5 | 2 | 6 |
| Death rate: All malignant neoplasms | 62 | 273 | 846 | 1,924 | 3,200 | 383 |
| Death rate attributable to tobacco | 3 | 17 | 79 | 133 | 134 | 26 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 9 | 7 | 4 | 7 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 15 | 56 | 89 | 95 | 19 |
| Death rate attributable to tobacco | 1 | 8 | 39 | 59 | 53 | 12 |
| Proportion of deaths attributable to tobacco (%) | 31 | 55 | 70 | 66 | 57 | 62 |
| Death rate: All other malignant neoplasms | 60 | 258 | 790 | 1,835 | 3,105 | 363 |
| Death rate attributable to tobacco | 2 | 8 | 40 | 74 | 81 | 14 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 5 | 4 | 3 | 4 |
| Death rate: All Cardiovascular diseases | 32 | 167 | 611 | 1,911 | 6,024 | 354 |
| Death rate attributable to tobacco | 9 | 28 | 62 | 83 | 19 | 26 |
| Proportion of deaths attributable to tobacco (%) | 28 | 17 | 10 | 4 | 0 | 7 |
| Death rate: Ischaemic heart disease | 8 | 64 | 265 | 717 | 1,933 | 130 |
| Death rate attributable to tobacco | 3 | 11 | 26 | 30 | 6 | 10 |
| Proportion of deaths attributable to tobacco (%) | 37 | 17 | 10 | 4 | 0 | 7 |
| Death rate: Cerebrovascular disease | 10 | 55 | 174 | 552 | 1,399 | 99 |
| Death rate attributable to tobacco | 2 | 9 | 17 | 24 | 3 | 7 |
| Proportion of deaths attributable to tobacco (%) | 17 | 16 | 10 | 4 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 14 | 49 | 172 | 641 | 2,692 | 126 |
| Death rate attributable to tobacco | 5 | 8 | 19 | 30 | 10 | 9 |
| Proportion of deaths attributable to tobacco (%) | 32 | 17 | 11 | 5 | 0 | 7 |
| Death rate: Respiratory diseases | 10 | 33 | 130 | 419 | 1,213 | 76 |
| Death rate attributable to tobacco | 1 | 4 | 20 | 70 | 121 | 11 |
| Proportion of deaths attributable to tobacco (%) | 12 | 12 | 16 | 17 | 10 | 14 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 4 | 21 | 101 | 320 | 16 |
| Death rate attributable to tobacco | 0 | 2 | 10 | 46 | 82 | 6 |
| Proportion of deaths attributable to tobacco (%) | 35 | 42 | 50 | 45 | 26 | 39 |
| Death rate: Other respiratory diseases | 10 | 29 | 109 | 317 | 894 | 61 |
| Death rate attributable to tobacco | 1 | 2 | 10 | 24 | 39 | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 8 | 9 | 8 | 4 | 8 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------|-------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 399 | 1,203 | 3,336 | 7,707 | 17,711 | 1,625 | 306 | 835 | 2,365 | 6,286 | 16,100 | 1,403 |
| Death rate attributable to tobacco | 35 | 98 | 301 | 524 | 810 | 122 | - | 22 | 91 | 183 | 23 | 30 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 9 | 7 | 5 | 8 | - | 3 | 4 | 3 | 0 | 2 |
| <u>Death rate: Communicable diseases</u> | 107 | 236 | 511 | 995 | 2,657 | 277 | 135 | 141 | 324 | 848 | 2,268 | 247 |
| Death rate attributable to tobacco | 7 | 15 | 38 | 61 | 137 | 18 | - | 3 | 9 | 20 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 7 | 6 | 7 | 6 | 5 | 6 | - | 2 | 3 | 2 | 0 | 1 |
| <u>Death rate: Tuberculosis</u> | 49 | 118 | 227 | 225 | 326 | 103 | 24 | 60 | 96 | 119 | 136 | 51 |
| Death rate attributable to tobacco | 6 | 9 | 19 | 15 | 22 | 9 | - | 1 | 3 | 3 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 8 | 7 | 7 | 8 | - | 2 | 3 | 3 | 0 | 2 |
| <u>Death rate: Lower respiratory infections</u> | 11 | 59 | 172 | 478 | 1,232 | 87 | 31 | 44 | 107 | 312 | 884 | 79 |
| Death rate attributable to tobacco | 2 | 6 | 20 | 46 | 116 | 9 | - | 2 | 6 | 17 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | 16 | 10 | 11 | 10 | 9 | 11 | - | 3 | 6 | 5 | 0 | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 181 | 795 | 2,614 | 6,467 | 14,754 | 1,198 | 152 | 661 | 1,994 | 5,337 | 13,646 | 1,122 |
| Death rate attributable to tobacco | 27 | 83 | 262 | 463 | 673 | 104 | - | 19 | 82 | 163 | 20 | 27 |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 10 | 7 | 5 | 9 | - | 3 | 4 | 3 | 0 | 2 |
| <u>Death rate: All malignant neoplasms</u> | 43 | 215 | 868 | 2,060 | 3,659 | 352 | 80 | 327 | 827 | 1,815 | 2,890 | 411 |
| Death rate attributable to tobacco | 6 | 29 | 139 | 237 | 328 | 45 | - | 5 | 26 | 49 | 4 | 8 |
| Proportion of deaths attributable to tobacco (%) | 14 | 14 | 16 | 12 | 9 | 13 | - | 2 | 3 | 3 | 0 | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 22 | 86 | 144 | 174 | 29 | 2 | 9 | 29 | 46 | 41 | 11 |
| Death rate attributable to tobacco | 1 | 15 | 69 | 113 | 131 | 21 | - | 2 | 12 | 16 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | 46 | 68 | 80 | 78 | 76 | 74 | - | 25 | 42 | 35 | 2 | 30 |
| <u>Death rate: All other malignant neoplasms</u> | 40 | 193 | 782 | 1,916 | 3,485 | 324 | 78 | 317 | 798 | 1,769 | 2,849 | 400 |
| Death rate attributable to tobacco | 4 | 14 | 70 | 124 | 197 | 24 | - | 3 | 14 | 33 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 9 | 6 | 6 | 7 | - | 1 | 2 | 2 | 0 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 41 | 205 | 727 | 2,091 | 5,823 | 364 | 24 | 132 | 510 | 1,767 | 6,159 | 346 |
| Death rate attributable to tobacco | 19 | 45 | 84 | 106 | 39 | 39 | - | 12 | 42 | 66 | 5 | 13 |
| Proportion of deaths attributable to tobacco (%) | 45 | 22 | 12 | 5 | 1 | 11 | - | 9 | 8 | 4 | 0 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 12 | 90 | 361 | 933 | 2,036 | 155 | 4 | 39 | 181 | 544 | 1,863 | 106 |
| Death rate attributable to tobacco | 6 | 19 | 40 | 46 | 12 | 16 | - | 3 | 13 | 17 | 2 | 4 |
| Proportion of deaths attributable to tobacco (%) | 48 | 21 | 11 | 5 | 1 | 10 | - | 8 | 7 | 3 | 0 | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 12 | 59 | 180 | 556 | 1,359 | 95 | 9 | 50 | 168 | 549 | 1,426 | 103 |
| Death rate attributable to tobacco | 4 | 13 | 20 | 24 | 8 | 9 | - | 5 | 15 | 24 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 30 | 21 | 11 | 4 | 1 | 10 | - | 10 | 9 | 4 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 17 | 55 | 185 | 601 | 2,428 | 114 | 12 | 43 | 161 | 674 | 2,870 | 137 |
| Death rate attributable to tobacco | 9 | 13 | 24 | 35 | 19 | 14 | - | 4 | 14 | 25 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 54 | 24 | 13 | 6 | 1 | 12 | - | 9 | 9 | 4 | 0 | 3 |
| <u>Death rate: Respiratory diseases</u> | 15 | 43 | 165 | 523 | 1,367 | 88 | 6 | 24 | 100 | 336 | 1,109 | 65 |
| Death rate attributable to tobacco | 3 | 7 | 31 | 106 | 286 | 17 | - | 2 | 11 | 42 | 11 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 16 | 19 | 20 | 21 | 19 | - | 7 | 11 | 12 | 1 | 7 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 5 | 26 | 127 | 361 | 17 | 1 | 4 | 16 | 81 | 292 | 14 |
| Death rate attributable to tobacco | 0 | 3 | 15 | 68 | 191 | 9 | - | 1 | 6 | 28 | 8 | 3 |
| Proportion of deaths attributable to tobacco (%) | 67 | 56 | 58 | 54 | 53 | 55 | - | 25 | 37 | 35 | 3 | 21 |
| <u>Death rate: Other respiratory diseases</u> | 14 | 38 | 139 | 395 | 1,006 | 71 | 6 | 20 | 84 | 255 | 818 | 51 |
| Death rate attributable to tobacco | 2 | 4 | 16 | 38 | 94 | 8 | - | 1 | 5 | 14 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 16 | 10 | 11 | 10 | 9 | 11 | - | 3 | 6 | 5 | 0 | 3 |

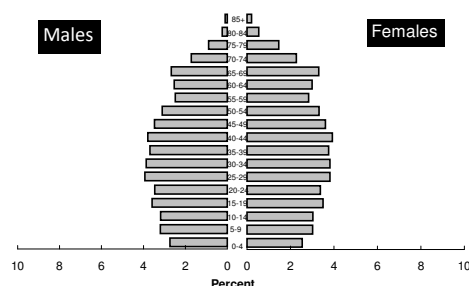
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bosnia and Herzegovina

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 785 | 753 | 1,538 |
| 30-44 | 443 | 449 | 893 |
| 45-59 | 354 | 381 | 735 |
| 60-69 | 203 | 246 | 449 |
| 70-79 | 102 | 146 | 248 |
| 80+ | 13 | 30 | 43 |
| Total | 1,901 | 2,005 | 3,905 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1381 per 100,000 population) was about 61.2 times that for communicable diseases (23 per 100,000). Tobacco was responsible for 22% of all NCDs compared with 17% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 247 deaths per 100,000 population aged 30 years and over, with 24% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 74 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 22% of all lower respiratory infection deaths and 22% of all tuberculosis deaths.

- The death rate due to tobacco in men was (508 per 100,000 men aged 30 years and over) compared with women (120 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 30% for men and 10% for women.

- Among those who died prematurely, almost one in every 3 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 30.9% of those whose death was due to a lower respiratory infection, 52.1% of deaths due to the category of 'all cardiovascular diseases combined', and 87% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 198 | 672 | 2,080 | 4,986 | 14,086 | 1,455 |
| Death rate attributable to tobacco | 68 | 251 | 554 | 821 | 443 | 303 |
| Proportion of deaths attributable to tobacco (%) | 34 | 37 | 27 | 16 | 3 | 21 |
| Death rate: Communicable diseases | 6 | 13 | 32 | 68 | 166 | 23 |
| Death rate attributable to tobacco | 2 | 3 | 6 | 11 | 14 | 4 |
| Proportion of deaths attributable to tobacco (%) | 25 | 20 | 18 | 16 | 8 | 17 |
| Death rate: Tuberculosis | 4 | 6 | 16 | 36 | 26 | 11 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 6 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 36 | 29 | 20 | 16 | 8 | 22 |
| Death rate: Lower respiratory infections | 0 | 3 | 10 | 21 | 106 | 7 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 5 | 12 | 2 |
| Proportion of deaths attributable to tobacco (%) | 46 | 31 | 24 | 23 | 11 | 22 |
| Death rate: Noncommunicable diseases | 145 | 612 | 1,996 | 4,848 | 13,813 | 1,381 |
| Death rate attributable to tobacco | 66 | 248 | 549 | 811 | 429 | 299 |
| Proportion of deaths attributable to tobacco (%) | 46 | 41 | 27 | 17 | 3 | 22 |
| Death rate: All malignant neoplasms | 43 | 191 | 473 | 778 | 934 | 264 |
| Death rate attributable to tobacco | 13 | 68 | 188 | 266 | 156 | 93 |
| Proportion of deaths attributable to tobacco (%) | 31 | 36 | 40 | 34 | 17 | 35 |
| Death rate: Trachea, bronchus, lung cancers | 9 | 54 | 150 | 219 | 141 | 74 |
| Death rate attributable to tobacco | 8 | 47 | 133 | 189 | 100 | 64 |
| Proportion of deaths attributable to tobacco (%) | 82 | 87 | 89 | 86 | 71 | 87 |
| Death rate: All other malignant neoplasms | 34 | 138 | 323 | 559 | 793 | 190 |
| Death rate attributable to tobacco | 5 | 22 | 56 | 77 | 56 | 28 |
| Proportion of deaths attributable to tobacco (%) | 16 | 16 | 17 | 14 | 7 | 15 |
| Death rate: All Cardiovascular diseases | 67 | 330 | 1,268 | 3,494 | 11,838 | 949 |
| Death rate attributable to tobacco | 49 | 172 | 330 | 470 | 181 | 187 |
| Proportion of deaths attributable to tobacco (%) | 74 | 52 | 26 | 13 | 2 | 20 |
| Death rate: Ischaemic heart disease | 23 | 131 | 404 | 799 | 2,055 | 247 |
| Death rate attributable to tobacco | 17 | 68 | 105 | 99 | 31 | 58 |
| Proportion of deaths attributable to tobacco (%) | 75 | 52 | 26 | 12 | 1 | 24 |
| Death rate: Cerebrovascular disease | 18 | 97 | 416 | 1,206 | 2,727 | 291 |
| Death rate attributable to tobacco | 12 | 49 | 98 | 151 | 12 | 54 |
| Proportion of deaths attributable to tobacco (%) | 69 | 50 | 24 | 13 | 0 | 19 |
| Death rate: Other cardiovascular diseases | 27 | 102 | 448 | 1,490 | 7,056 | 411 |
| Death rate attributable to tobacco | 20 | 55 | 127 | 220 | 138 | 74 |
| Proportion of deaths attributable to tobacco (%) | 76 | 54 | 28 | 15 | 2 | 18 |
| Death rate: Respiratory diseases | 4 | 16 | 66 | 163 | 390 | 43 |
| Death rate attributable to tobacco | 3 | 6 | 26 | 63 | 87 | 16 |
| Proportion of deaths attributable to tobacco (%) | 64 | 38 | 39 | 39 | 22 | 37 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 3 | 19 | 53 | 120 | 13 |
| Death rate attributable to tobacco | 1 | 2 | 13 | 39 | 58 | 9 |
| Proportion of deaths attributable to tobacco (%) | 90 | 80 | 69 | 74 | 48 | 69 |
| Death rate: Other respiratory diseases | 2 | 13 | 47 | 111 | 271 | 30 |
| Death rate attributable to tobacco | 1 | 4 | 12 | 24 | 29 | 7 |
| Proportion of deaths attributable to tobacco (%) | 47 | 29 | 26 | 22 | 11 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 275 | 929 | 2,889 | 6,448 | 16,807 | 1,721 | 122 | 433 | 1,412 | 3,963 | 12,853 | 1,218 |
| Death rate attributable to tobacco | 104 | 436 | 1,046 | 1,395 | 875 | 508 | 33 | 78 | 149 | 420 | 247 | 120 |
| Proportion of deaths attributable to tobacco (%) | 38 | 47 | 36 | 22 | 5 | 30 | 27 | 18 | 11 | 11 | 2 | 10 |
| <u>Death rate: Communicable diseases</u> | 9 | 21 | 48 | 108 | 272 | 32 | 4 | 6 | 19 | 40 | 118 | 14 |
| Death rate attributable to tobacco | 2 | 5 | 11 | 21 | 34 | 7 | 1 | 0 | 1 | 3 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 24 | 24 | 20 | 12 | 22 | 17 | 6 | 5 | 8 | 4 | 7 |
| <i>Death rate: Tuberculosis</i> | 6 | 11 | 27 | 56 | 40 | 16 | 2 | 1 | 8 | 23 | 20 | 6 |
| Death rate attributable to tobacco | 2 | 3 | 7 | 11 | 5 | 4 | 0 | 0 | 0 | 2 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 31 | 26 | 20 | 13 | 27 | 29 | 8 | 5 | 8 | 3 | 9 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 4 | 13 | 36 | 153 | 9 | 0 | 2 | 7 | 10 | 84 | 5 |
| Death rate attributable to tobacco | 0 | 2 | 4 | 10 | 28 | 3 | 0 | 0 | 1 | 1 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 40 | 34 | 27 | 18 | 29 | 45 | 14 | 9 | 14 | 5 | 10 |
| <u>Death rate: Noncommunicable diseases</u> | 190 | 834 | 2,753 | 6,220 | 16,339 | 1,606 | 101 | 405 | 1,371 | 3,888 | 12,669 | 1,181 |
| Death rate attributable to tobacco | 101 | 431 | 1,034 | 1,374 | 842 | 501 | 32 | 78 | 148 | 417 | 242 | 119 |
| Proportion of deaths attributable to tobacco (%) | 53 | 52 | 38 | 22 | 5 | 31 | 32 | 19 | 11 | 11 | 2 | 10 |
| <i>Death rate: All malignant neoplasms</i> | 45 | 242 | 735 | 1,217 | 1,589 | 359 | 41 | 144 | 256 | 470 | 637 | 179 |
| Death rate attributable to tobacco | 19 | 127 | 388 | 551 | 441 | 174 | 8 | 13 | 23 | 66 | 27 | 20 |
| Proportion of deaths attributable to tobacco (%) | 42 | 53 | 53 | 45 | 28 | 49 | 19 | 9 | 9 | 14 | 4 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 12 | 93 | 289 | 422 | 328 | 129 | 7 | 17 | 34 | 77 | 56 | 25 |
| Death rate attributable to tobacco | 10 | 86 | 272 | 391 | 286 | 120 | 5 | 10 | 18 | 47 | 16 | 14 |
| Proportion of deaths attributable to tobacco (%) | 86 | 92 | 94 | 93 | 87 | 93 | 77 | 59 | 52 | 61 | 28 | 58 |
| <i>Death rate: All other malignant neoplasms</i> | 33 | 149 | 446 | 796 | 1,260 | 229 | 35 | 128 | 222 | 393 | 581 | 154 |
| Death rate attributable to tobacco | 8 | 41 | 116 | 161 | 155 | 54 | 3 | 4 | 5 | 19 | 11 | 5 |
| Proportion of deaths attributable to tobacco (%) | 26 | 28 | 26 | 20 | 12 | 24 | 7 | 3 | 2 | 5 | 2 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 95 | 467 | 1,682 | 4,229 | 13,457 | 1,040 | 39 | 202 | 925 | 2,980 | 11,105 | 867 |
| Death rate attributable to tobacco | 77 | 290 | 592 | 690 | 210 | 296 | 23 | 62 | 114 | 316 | 168 | 90 |
| Proportion of deaths attributable to tobacco (%) | 80 | 62 | 35 | 16 | 2 | 28 | 58 | 31 | 12 | 11 | 2 | 10 |
| <i>Death rate: Ischaemic heart disease</i> | 37 | 204 | 606 | 1,119 | 2,471 | 322 | 9 | 62 | 236 | 575 | 1,867 | 180 |
| Death rate attributable to tobacco | 30 | 123 | 201 | 170 | 32 | 104 | 4 | 17 | 25 | 49 | 30 | 18 |
| Proportion of deaths attributable to tobacco (%) | 82 | 60 | 33 | 15 | 1 | 32 | 46 | 27 | 11 | 8 | 2 | 10 |
| <i>Death rate: Cerebrovascular disease</i> | 20 | 126 | 504 | 1,387 | 2,932 | 302 | 15 | 71 | 342 | 1,079 | 2,634 | 282 |
| Death rate attributable to tobacco | 14 | 77 | 166 | 190 | 38 | 78 | 10 | 23 | 42 | 124 | - | 33 |
| Proportion of deaths attributable to tobacco (%) | 68 | 61 | 33 | 14 | 1 | 26 | 71 | 32 | 12 | 12 | - | 12 |
| <i>Death rate: Other cardiovascular diseases</i> | 38 | 137 | 571 | 1,722 | 8,054 | 417 | 16 | 69 | 347 | 1,327 | 6,604 | 405 |
| Death rate attributable to tobacco | 32 | 91 | 225 | 330 | 139 | 114 | 8 | 22 | 46 | 144 | 138 | 39 |
| Proportion of deaths attributable to tobacco (%) | 85 | 66 | 39 | 19 | 2 | 27 | 52 | 32 | 13 | 11 | 2 | 10 |
| <u>Death rate: Respiratory diseases</u> | 6 | 20 | 98 | 254 | 525 | 56 | 2 | 12 | 40 | 100 | 329 | 32 |
| Death rate attributable to tobacco | 4 | 10 | 46 | 115 | 180 | 26 | 1 | 2 | 9 | 27 | 44 | 7 |
| Proportion of deaths attributable to tobacco (%) | 64 | 50 | 47 | 45 | 34 | 46 | 64 | 19 | 22 | 27 | 14 | 23 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 4 | 25 | 88 | 157 | 17 | 1 | 1 | 14 | 28 | 103 | 9 |
| Death rate attributable to tobacco | 2 | 4 | 21 | 70 | 112 | 14 | 1 | 1 | 7 | 17 | 33 | 5 |
| Proportion of deaths attributable to tobacco (%) | 91 | 88 | 85 | 80 | 71 | 82 | 88 | 60 | 47 | 61 | 33 | 50 |
| <i>Death rate: Other respiratory diseases</i> | 4 | 16 | 73 | 166 | 368 | 40 | 1 | 11 | 25 | 72 | 227 | 22 |
| Death rate attributable to tobacco | 2 | 6 | 25 | 45 | 68 | 12 | 1 | 1 | 2 | 10 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 40 | 34 | 27 | 18 | 31 | 45 | 14 | 9 | 14 | 5 | 11 |

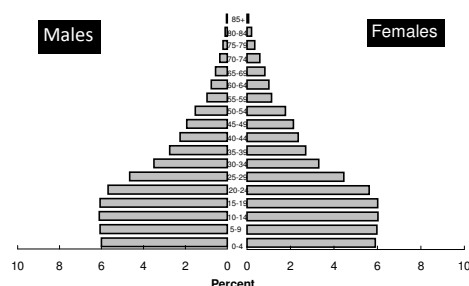
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Botswana

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 628 | 617 | 1,245 |
| 30-44 | 154 | 152 | 306 |
| 45-59 | 80 | 91 | 171 |
| 60-69 | 24 | 33 | 57 |
| 70-79 | 10 | 17 | 27 |
| 80+ | 3 | 5 | 8 |
| Total | 899 | 916 | 1,815 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (787 per 100,000 population) was about 0.4 times that for communicable diseases (2217 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 112 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 13 deaths per 100,000 population but with 57% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (116 per 100,000 men aged 30 years and over) compared with women (9 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,891 | 2,530 | 3,033 | 6,281 | 15,578 | 3,131 |
| Death rate attributable to tobacco | - | 76 | 177 | 274 | 450 | 60 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 4 | 3 | 2 |
| Death rate: Communicable diseases | 2,689 | 1,841 | 946 | 1,298 | 4,503 | 2,217 |
| Death rate attributable to tobacco | - | 8 | 15 | 28 | 118 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 2 | 3 | 0 |
| Death rate: Tuberculosis | 49 | 95 | 198 | 241 | 173 | 89 |
| Death rate attributable to tobacco | - | 6 | 10 | 12 | 10 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 5 | 5 | 6 | 4 |
| Death rate: Lower respiratory infections | 6 | 28 | 105 | 530 | 2,660 | 84 |
| Death rate attributable to tobacco | - | 2 | 5 | 16 | 107 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 3 | 4 | 4 |
| Death rate: Noncommunicable diseases | 111 | 570 | 1,924 | 4,677 | 10,251 | 787 |
| Death rate attributable to tobacco | - | 68 | 162 | 246 | 332 | 53 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 8 | 5 | 3 | 7 |
| Death rate: All malignant neoplasms | 19 | 124 | 396 | 839 | 1,364 | 146 |
| Death rate attributable to tobacco | - | 20 | 63 | 99 | 147 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 16 | 12 | 11 | 13 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 14 | 42 | 62 | 78 | 13 |
| Death rate attributable to tobacco | - | 8 | 25 | 39 | 51 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 52 | 60 | 62 | 65 | 57 |
| Death rate: All other malignant neoplasms | 18 | 109 | 354 | 777 | 1,287 | 133 |
| Death rate attributable to tobacco | - | 13 | 38 | 61 | 96 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 11 | 8 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 37 | 231 | 849 | 2,311 | 5,752 | 364 |
| Death rate attributable to tobacco | - | 33 | 45 | 44 | 15 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 5 | 2 | 0 | 5 |
| Death rate: Ischaemic heart disease | 7 | 77 | 313 | 721 | 1,444 | 112 |
| Death rate attributable to tobacco | - | 12 | 18 | 17 | 4 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 6 | 2 | 0 | 6 |
| Death rate: Cerebrovascular disease | 15 | 87 | 315 | 862 | 2,062 | 135 |
| Death rate attributable to tobacco | - | 12 | 15 | 13 | 4 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 5 | 1 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 15 | 67 | 222 | 729 | 2,247 | 116 |
| Death rate attributable to tobacco | - | 10 | 12 | 14 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 5 | 2 | 0 | 4 |
| Death rate: Respiratory diseases | 14 | 64 | 225 | 501 | 956 | 86 |
| Death rate attributable to tobacco | - | 14 | 52 | 97 | 161 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 23 | 19 | 17 | 19 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 25 | 112 | 256 | 442 | 38 |
| Death rate attributable to tobacco | - | 11 | 45 | 85 | 138 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 40 | 33 | 31 | 36 |
| Death rate: Other respiratory diseases | 11 | 39 | 114 | 245 | 514 | 48 |
| Death rate attributable to tobacco | - | 3 | 7 | 12 | 23 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 6 | 5 | 5 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,883 | 3,229 | 3,864 | 7,501 | 17,610 | 3,383 | 2,899 | 1,916 | 2,434 | 5,576 | 14,549 | 2,903 |
| Death rate attributable to tobacco | - | 132 | 412 | 748 | 1,340 | 116 | - | 28 | 8 | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 11 | 10 | 8 | 3 | - | 1 | 0 | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 2,663 | 2,414 | 1,229 | 1,424 | 5,112 | 2,441 | 2,716 | 1,337 | 742 | 1,226 | 4,195 | 2,015 |
| Death rate attributable to tobacco | - | 15 | 34 | 77 | 352 | 14 | - | 1 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 5 | 7 | 1 | - | 0 | 0 | - | - | 0 |
| <i>Death rate: Tuberculosis</i> | 93 | 176 | 335 | 510 | 386 | 157 | 5 | 24 | 98 | 86 | 65 | 27 |
| Death rate attributable to tobacco | - | 12 | 24 | 33 | 29 | 7 | - | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 6 | 8 | 5 | - | 2 | 0 | - | - | 1 |
| <i>Death rate: Lower respiratory infections</i> | 10 | 33 | 104 | 486 | 3,016 | 71 | 2 | 24 | 106 | 555 | 2,479 | 95 |
| Death rate attributable to tobacco | - | 3 | 10 | 44 | 320 | 7 | - | 1 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 9 | 11 | 9 | - | 3 | 0 | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 85 | 636 | 2,415 | 5,712 | 11,763 | 773 | 137 | 512 | 1,570 | 4,079 | 9,486 | 800 |
| Death rate attributable to tobacco | - | 116 | 378 | 671 | 988 | 102 | - | 26 | 7 | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 16 | 12 | 8 | 13 | - | 5 | 0 | - | - | 1 |
| <i>Death rate: All malignant neoplasms</i> | 11 | 128 | 521 | 1,198 | 2,115 | 154 | 27 | 120 | 305 | 632 | 984 | 138 |
| Death rate attributable to tobacco | - | 39 | 149 | 271 | 437 | 39 | - | 4 | 1 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 29 | 23 | 21 | 25 | - | 3 | 0 | - | - | 1 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 21 | 76 | 137 | 193 | 20 | 1 | 9 | 17 | 19 | 19 | 6 |
| Death rate attributable to tobacco | - | 14 | 58 | 106 | 150 | 15 | - | 2 | 1 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 66 | 77 | 77 | 78 | 73 | - | 23 | 4 | - | - | 11 |
| <i>Death rate: All other malignant neoplasms</i> | 10 | 107 | 445 | 1,062 | 1,922 | 134 | 26 | 111 | 288 | 613 | 965 | 132 |
| Death rate attributable to tobacco | - | 25 | 90 | 165 | 286 | 24 | - | 2 | 1 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 20 | 16 | 15 | 18 | - | 2 | 0 | - | - | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 27 | 251 | 1,003 | 2,534 | 5,873 | 328 | 48 | 213 | 738 | 2,183 | 5,690 | 396 |
| Death rate attributable to tobacco | - | 51 | 102 | 121 | 45 | 29 | - | 18 | 4 | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 10 | 5 | 1 | 9 | - | 8 | 1 | - | - | 1 |
| <i>Death rate: Ischaemic heart disease</i> | 7 | 106 | 438 | 1,018 | 1,792 | 128 | 6 | 51 | 223 | 549 | 1,267 | 97 |
| Death rate attributable to tobacco | - | 21 | 42 | 47 | 12 | 12 | - | 4 | 1 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 10 | 5 | 1 | 9 | - | 7 | 0 | - | - | 1 |
| <i>Death rate: Cerebrovascular disease</i> | 10 | 89 | 345 | 843 | 1,857 | 112 | 21 | 85 | 293 | 873 | 2,165 | 157 |
| Death rate attributable to tobacco | - | 18 | 33 | 35 | 13 | 10 | - | 8 | 2 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 10 | 4 | 1 | 9 | - | 9 | 1 | - | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 10 | 56 | 220 | 673 | 2,223 | 88 | 21 | 77 | 223 | 761 | 2,258 | 142 |
| Death rate attributable to tobacco | - | 13 | 26 | 39 | 20 | 8 | - | 7 | 1 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 12 | 6 | 1 | 9 | - | 9 | 1 | - | - | 2 |
| <i>Death rate: Respiratory diseases</i> | 11 | 85 | 352 | 797 | 1,382 | 105 | 17 | 45 | 134 | 331 | 741 | 69 |
| Death rate attributable to tobacco | - | 24 | 120 | 264 | 480 | 32 | - | 4 | 2 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 34 | 33 | 35 | 31 | - | 9 | 1 | - | - | 2 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 37 | 192 | 447 | 730 | 53 | 3 | 14 | 54 | 145 | 296 | 25 |
| Death rate attributable to tobacco | - | 20 | 105 | 233 | 411 | 28 | - | 3 | 2 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 54 | 54 | 52 | 56 | 52 | - | 23 | 3 | - | - | 5 |
| <i>Death rate: Other respiratory diseases</i> | 8 | 49 | 160 | 349 | 652 | 52 | 14 | 31 | 81 | 185 | 444 | 44 |
| Death rate attributable to tobacco | - | 5 | 16 | 32 | 69 | 5 | - | 1 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 9 | 11 | 9 | - | 3 | 0 | - | - | 1 |

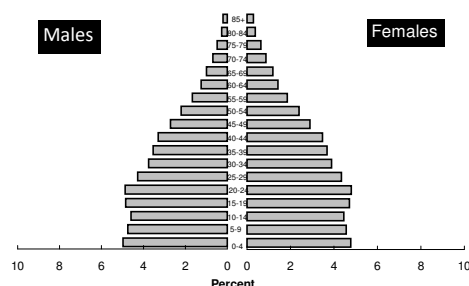
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Brazil

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 52,165 | 50,968 | 103,133 |
| 30-44 | 19,503 | 20,369 | 39,873 |
| 45-59 | 12,136 | 13,176 | 25,311 |
| 60-69 | 4,138 | 4,817 | 8,955 |
| 70-79 | 2,171 | 2,778 | 4,949 |
| 80+ | 861 | 1,235 | 2,096 |
| Total | 90,974 | 93,343 | 184,318 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1062 per 100,000 population) was about 7.2 times that for communicable diseases (147 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 173 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 27 deaths per 100,000 population but with 72% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 10% of all tuberculosis deaths.

- The death rate due to tobacco in men was (228 per 100,000 men aged 30 years and over) compared with women (65 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 15% for men and 6% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.3% of those whose death was due to a lower respiratory infection, 27.4% of deaths due to the category of 'all cardiovascular diseases combined', and 70.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 302 | 823 | 2,240 | 4,937 | 13,655 | 1,305 |
| Death rate attributable to tobacco | 31 | 130 | 334 | 506 | 764 | 143 |
| Proportion of deaths attributable to tobacco (%) | 10 | 16 | 15 | 10 | 6 | 11 |
| Death rate: Communicable diseases | 54 | 86 | 187 | 438 | 1,798 | 147 |
| Death rate attributable to tobacco | 2 | 4 | 11 | 24 | 79 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 6 | 6 | 4 | 5 |
| Death rate: Tuberculosis | 7 | 13 | 24 | 39 | 53 | 14 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 13 | 11 | 10 | 8 | 6 | 10 |
| Death rate: Lower respiratory infections | 8 | 21 | 67 | 205 | 1,101 | 59 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 21 | 76 | 6 |
| Proportion of deaths attributable to tobacco (%) | 18 | 14 | 13 | 10 | 7 | 10 |
| Death rate: Noncommunicable diseases | 155 | 653 | 1,964 | 4,378 | 11,567 | 1,062 |
| Death rate attributable to tobacco | 28 | 125 | 322 | 482 | 685 | 136 |
| Proportion of deaths attributable to tobacco (%) | 18 | 19 | 16 | 11 | 6 | 13 |
| Death rate: All malignant neoplasms | 38 | 183 | 510 | 925 | 1,576 | 229 |
| Death rate attributable to tobacco | 4 | 36 | 105 | 136 | 150 | 37 |
| Proportion of deaths attributable to tobacco (%) | 12 | 20 | 21 | 15 | 9 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 24 | 78 | 112 | 120 | 27 |
| Death rate attributable to tobacco | 1 | 17 | 61 | 82 | 79 | 20 |
| Proportion of deaths attributable to tobacco (%) | 47 | 71 | 78 | 73 | 66 | 72 |
| Death rate: All other malignant neoplasms | 35 | 160 | 433 | 813 | 1,456 | 202 |
| Death rate attributable to tobacco | 3 | 19 | 45 | 55 | 71 | 18 |
| Proportion of deaths attributable to tobacco (%) | 8 | 12 | 10 | 7 | 5 | 9 |
| Death rate: All Cardiovascular diseases | 53 | 271 | 881 | 2,100 | 6,030 | 491 |
| Death rate attributable to tobacco | 21 | 74 | 134 | 131 | 54 | 58 |
| Proportion of deaths attributable to tobacco (%) | 40 | 27 | 15 | 6 | 1 | 12 |
| Death rate: Ischaemic heart disease | 16 | 109 | 366 | 772 | 1,691 | 173 |
| Death rate attributable to tobacco | 7 | 30 | 53 | 44 | 17 | 22 |
| Proportion of deaths attributable to tobacco (%) | 45 | 27 | 14 | 6 | 1 | 13 |
| Death rate: Cerebrovascular disease | 17 | 84 | 266 | 694 | 1,995 | 157 |
| Death rate attributable to tobacco | 5 | 22 | 39 | 43 | 7 | 17 |
| Proportion of deaths attributable to tobacco (%) | 31 | 26 | 15 | 6 | 0 | 11 |
| Death rate: Other cardiovascular diseases | 21 | 78 | 249 | 635 | 2,343 | 161 |
| Death rate attributable to tobacco | 9 | 23 | 41 | 43 | 30 | 19 |
| Proportion of deaths attributable to tobacco (%) | 44 | 29 | 17 | 7 | 1 | 12 |
| Death rate: Respiratory diseases | 9 | 38 | 173 | 500 | 1,609 | 107 |
| Death rate attributable to tobacco | 2 | 13 | 74 | 200 | 463 | 37 |
| Proportion of deaths attributable to tobacco (%) | 26 | 33 | 43 | 40 | 29 | 35 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 17 | 108 | 330 | 922 | 62 |
| Death rate attributable to tobacco | 1 | 10 | 66 | 183 | 415 | 33 |
| Proportion of deaths attributable to tobacco (%) | 63 | 57 | 61 | 55 | 45 | 53 |
| Death rate: Other respiratory diseases | 7 | 21 | 65 | 169 | 686 | 45 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 18 | 48 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 13 | 13 | 10 | 7 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 423 | 1,059 | 2,775 | 5,894 | 13,965 | 1,480 | 186 | 605 | 1,781 | 4,189 | 13,438 | 1,146 |
| Death rate attributable to tobacco | 53 | 225 | 527 | 787 | 1,375 | 228 | 9 | 42 | 167 | 287 | 338 | 65 |
| Proportion of deaths attributable to tobacco (%) | 12 | 21 | 19 | 13 | 10 | 15 | 5 | 7 | 9 | 7 | 3 | 6 |
| <u>Death rate: Communicable diseases</u> | 67 | 116 | 230 | 507 | 1,732 | 161 | 41 | 59 | 151 | 384 | 1,843 | 134 |
| Death rate attributable to tobacco | 4 | 8 | 18 | 35 | 132 | 11 | 1 | 1 | 6 | 16 | 42 | 4 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 8 | 7 | 8 | 7 | 2 | 2 | 4 | 4 | 2 | 3 |
| <u>Death rate: Tuberculosis</u> | 9 | 19 | 36 | 60 | 81 | 20 | 4 | 7 | 14 | 22 | 34 | 8 |
| Death rate attributable to tobacco | 2 | 3 | 5 | 5 | 7 | 3 | 0 | 0 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 17 | 14 | 12 | 9 | 9 | 13 | 5 | 3 | 5 | 4 | 2 | 4 |
| <u>Death rate: Lower respiratory infections</u> | 10 | 28 | 80 | 235 | 1,030 | 59 | 5 | 15 | 56 | 182 | 1,150 | 59 |
| Death rate attributable to tobacco | 2 | 5 | 14 | 30 | 125 | 9 | 0 | 1 | 5 | 15 | 41 | 3 |
| Proportion of deaths attributable to tobacco (%) | 23 | 19 | 17 | 13 | 12 | 15 | 9 | 5 | 9 | 8 | 4 | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 189 | 796 | 2,393 | 5,209 | 11,921 | 1,155 | 123 | 522 | 1,595 | 3,729 | 11,319 | 977 |
| Death rate attributable to tobacco | 49 | 216 | 509 | 751 | 1,243 | 216 | 9 | 41 | 162 | 272 | 296 | 62 |
| Proportion of deaths attributable to tobacco (%) | 26 | 27 | 21 | 14 | 10 | 19 | 7 | 8 | 10 | 7 | 3 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 33 | 195 | 610 | 1,181 | 1,967 | 252 | 44 | 173 | 424 | 726 | 1,303 | 208 |
| Death rate attributable to tobacco | 8 | 69 | 193 | 254 | 326 | 67 | 1 | 6 | 30 | 44 | 27 | 10 |
| Proportion of deaths attributable to tobacco (%) | 24 | 35 | 32 | 22 | 17 | 27 | 3 | 3 | 7 | 6 | 2 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 38 | 127 | 185 | 217 | 43 | 2 | 10 | 35 | 55 | 52 | 13 |
| Death rate attributable to tobacco | 2 | 31 | 110 | 154 | 175 | 35 | 1 | 4 | 18 | 25 | 11 | 6 |
| Proportion of deaths attributable to tobacco (%) | 58 | 81 | 86 | 83 | 81 | 82 | 28 | 35 | 53 | 46 | 22 | 41 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 157 | 483 | 996 | 1,750 | 209 | 41 | 162 | 389 | 671 | 1,251 | 195 |
| Death rate attributable to tobacco | 5 | 38 | 84 | 100 | 151 | 32 | 1 | 2 | 11 | 19 | 15 | 4 |
| Proportion of deaths attributable to tobacco (%) | 19 | 24 | 17 | 10 | 9 | 15 | 2 | 1 | 3 | 3 | 1 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 65 | 337 | 1,091 | 2,445 | 5,870 | 521 | 42 | 210 | 700 | 1,831 | 6,141 | 464 |
| Death rate attributable to tobacco | 37 | 124 | 190 | 166 | 52 | 88 | 6 | 29 | 85 | 104 | 55 | 30 |
| Proportion of deaths attributable to tobacco (%) | 57 | 37 | 17 | 7 | 1 | 17 | 15 | 14 | 12 | 6 | 1 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 22 | 152 | 485 | 962 | 1,712 | 202 | 9 | 69 | 265 | 622 | 1,676 | 146 |
| Death rate attributable to tobacco | 13 | 53 | 81 | 64 | 14 | 36 | 1 | 8 | 29 | 29 | 20 | 9 |
| Proportion of deaths attributable to tobacco (%) | 60 | 35 | 17 | 7 | 1 | 18 | 9 | 12 | 11 | 5 | 1 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 17 | 93 | 323 | 812 | 1,979 | 161 | 17 | 76 | 216 | 601 | 2,007 | 154 |
| Death rate attributable to tobacco | 7 | 33 | 53 | 48 | 16 | 23 | 4 | 11 | 27 | 39 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 41 | 36 | 17 | 6 | 1 | 14 | 22 | 15 | 13 | 7 | - | 7 |
| <u>Death rate: Other cardiovascular diseases</u> | 25 | 92 | 283 | 670 | 2,180 | 158 | 16 | 66 | 219 | 608 | 2,458 | 165 |
| Death rate attributable to tobacco | 17 | 37 | 56 | 54 | 22 | 29 | 2 | 9 | 29 | 35 | 36 | 10 |
| Proportion of deaths attributable to tobacco (%) | 65 | 40 | 20 | 8 | 1 | 19 | 11 | 14 | 13 | 6 | 1 | 6 |
| <u>Death rate: Respiratory diseases</u> | 11 | 46 | 219 | 666 | 1,915 | 123 | 7 | 31 | 133 | 370 | 1,395 | 93 |
| Death rate attributable to tobacco | 3 | 20 | 112 | 313 | 833 | 56 | 1 | 6 | 42 | 112 | 204 | 20 |
| Proportion of deaths attributable to tobacco (%) | 31 | 43 | 51 | 47 | 44 | 45 | 17 | 19 | 31 | 30 | 15 | 22 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 21 | 143 | 470 | 1,256 | 77 | 1 | 14 | 77 | 221 | 689 | 48 |
| Death rate attributable to tobacco | 1 | 15 | 99 | 288 | 754 | 49 | 1 | 5 | 37 | 100 | 179 | 18 |
| Proportion of deaths attributable to tobacco (%) | 76 | 72 | 69 | 61 | 60 | 63 | 47 | 35 | 48 | 45 | 26 | 37 |
| <u>Death rate: Other respiratory diseases</u> | 9 | 25 | 76 | 196 | 659 | 46 | 5 | 17 | 56 | 148 | 706 | 44 |
| Death rate attributable to tobacco | 2 | 5 | 13 | 25 | 80 | 7 | 0 | 1 | 5 | 12 | 25 | 3 |
| Proportion of deaths attributable to tobacco (%) | 23 | 19 | 17 | 13 | 12 | 15 | 9 | 5 | 9 | 8 | 4 | 6 |

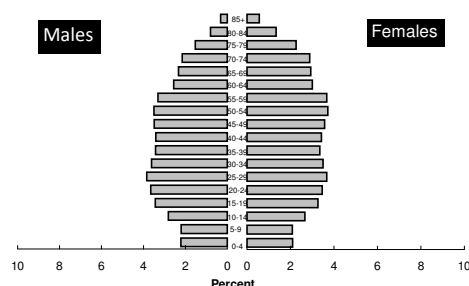
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Bulgaria

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,414 | 1,344 | 2,758 |
| 30-44 | 814 | 799 | 1,614 |
| 45-59 | 802 | 854 | 1,656 |
| 60-69 | 381 | 463 | 845 |
| 70-79 | 287 | 401 | 688 |
| 80+ | 87 | 148 | 234 |
| Total | 3,786 | 4,009 | 7,795 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2058 per 100,000 population) was about 51 times that for communicable diseases (40 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 525 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 65 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 21% of all tuberculosis deaths.

- The death rate due to tobacco in men was (530 per 100,000 men aged 30 years and over) compared with women (88 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 5% for women.

- Among those who died prematurely, almost one in every 3 deaths among those aged 30-44 and one in 2 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 36.6% of those whose death was due to a lower respiratory infection, 55.2% of deaths due to the category of 'all cardiovascular diseases combined', and 88.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 205 | 845 | 2,212 | 5,371 | 15,306 | 2,160 |
| Death rate attributable to tobacco | 64 | 339 | 508 | 489 | 257 | 296 |
| Proportion of deaths attributable to tobacco (%) | 31 | 40 | 23 | 9 | 2 | 14 |
| Death rate: Communicable diseases | 9 | 24 | 41 | 82 | 248 | 40 |
| Death rate attributable to tobacco | 2 | 6 | 6 | 8 | 12 | 6 |
| Proportion of deaths attributable to tobacco (%) | 26 | 26 | 15 | 10 | 5 | 14 |
| Death rate: Tuberculosis | 2 | 6 | 7 | 8 | 12 | 5 |
| Death rate attributable to tobacco | 1 | 2 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 31 | 30 | 18 | 10 | 4 | 21 |
| Death rate: Lower respiratory infections | 5 | 11 | 24 | 58 | 206 | 27 |
| Death rate attributable to tobacco | 2 | 4 | 5 | 7 | 11 | 4 |
| Proportion of deaths attributable to tobacco (%) | 38 | 37 | 21 | 13 | 5 | 16 |
| Death rate: Noncommunicable diseases | 147 | 763 | 2,111 | 5,211 | 14,919 | 2,058 |
| Death rate attributable to tobacco | 61 | 333 | 501 | 481 | 245 | 290 |
| Proportion of deaths attributable to tobacco (%) | 42 | 44 | 24 | 9 | 2 | 14 |
| Death rate: All malignant neoplasms | 45 | 239 | 523 | 772 | 946 | 330 |
| Death rate attributable to tobacco | 10 | 86 | 159 | 152 | 74 | 82 |
| Proportion of deaths attributable to tobacco (%) | 22 | 36 | 30 | 20 | 8 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 60 | 124 | 134 | 88 | 65 |
| Death rate attributable to tobacco | 4 | 53 | 107 | 104 | 47 | 53 |
| Proportion of deaths attributable to tobacco (%) | 70 | 88 | 86 | 77 | 53 | 82 |
| Death rate: All other malignant neoplasms | 39 | 179 | 399 | 638 | 857 | 265 |
| Death rate attributable to tobacco | 6 | 33 | 51 | 48 | 27 | 29 |
| Proportion of deaths attributable to tobacco (%) | 15 | 18 | 13 | 8 | 3 | 11 |
| Death rate: All Cardiovascular diseases | 78 | 426 | 1,375 | 4,003 | 13,146 | 1,554 |
| Death rate attributable to tobacco | 50 | 235 | 314 | 278 | 102 | 189 |
| Proportion of deaths attributable to tobacco (%) | 63 | 55 | 23 | 7 | 1 | 12 |
| Death rate: Ischaemic heart disease | 24 | 186 | 572 | 1,406 | 3,622 | 525 |
| Death rate attributable to tobacco | 16 | 104 | 128 | 94 | 30 | 75 |
| Proportion of deaths attributable to tobacco (%) | 69 | 56 | 22 | 7 | 1 | 14 |
| Death rate: Cerebrovascular disease | 14 | 99 | 376 | 1,223 | 3,504 | 430 |
| Death rate attributable to tobacco | 8 | 52 | 80 | 79 | 7 | 44 |
| Proportion of deaths attributable to tobacco (%) | 56 | 53 | 21 | 6 | 0 | 10 |
| Death rate: Other cardiovascular diseases | 41 | 141 | 427 | 1,373 | 6,020 | 599 |
| Death rate attributable to tobacco | 26 | 79 | 105 | 106 | 65 | 69 |
| Proportion of deaths attributable to tobacco (%) | 63 | 56 | 25 | 8 | 1 | 12 |
| Death rate: Respiratory diseases | 2 | 14 | 41 | 91 | 224 | 35 |
| Death rate attributable to tobacco | 1 | 10 | 24 | 44 | 64 | 17 |
| Proportion of deaths attributable to tobacco (%) | 59 | 69 | 59 | 48 | 29 | 48 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 10 | 30 | 69 | 165 | 26 |
| Death rate attributable to tobacco | 1 | 8 | 22 | 41 | 61 | 15 |
| Proportion of deaths attributable to tobacco (%) | 88 | 84 | 73 | 59 | 37 | 59 |
| Death rate: Other respiratory diseases | 1 | 5 | 11 | 21 | 58 | 9 |
| Death rate attributable to tobacco | 0 | 2 | 2 | 3 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | 38 | 37 | 21 | 13 | 6 | 17 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 281 | 1,236 | 3,163 | 6,717 | 16,649 | 2,446 | 128 | 478 | 1,429 | 4,406 | 14,516 | 1,906 |
| Death rate attributable to tobacco | 108 | 619 | 984 | 914 | 399 | 530 | 19 | 77 | 115 | 185 | 173 | 88 |
| Proportion of deaths attributable to tobacco (%) | 38 | 50 | 31 | 14 | 2 | 22 | 15 | 16 | 8 | 4 | 1 | 5 |
| <u>Death rate: Communicable diseases</u> | 14 | 38 | 58 | 116 | 314 | 53 | 4 | 10 | 27 | 58 | 209 | 29 |
| Death rate attributable to tobacco | 4 | 12 | 12 | 17 | 22 | 10 | 0 | 1 | 1 | 2 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 30 | 31 | 21 | 14 | 7 | 19 | 11 | 7 | 5 | 4 | 3 | 4 |
| <u>Death rate: Tuberculosis</u> | 3 | 10 | 12 | 12 | 22 | 9 | 1 | 2 | 3 | 4 | 7 | 2 |
| Death rate attributable to tobacco | 1 | 3 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 34 | 35 | 22 | 13 | 6 | 25 | 12 | 7 | 4 | 3 | 2 | 5 |
| <u>Death rate: Lower respiratory infections</u> | 8 | 18 | 33 | 84 | 252 | 34 | 2 | 5 | 16 | 40 | 179 | 21 |
| Death rate attributable to tobacco | 3 | 8 | 10 | 15 | 20 | 8 | 0 | 1 | 1 | 2 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 43 | 44 | 29 | 17 | 8 | 24 | 20 | 12 | 7 | 6 | 3 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 185 | 1,100 | 3,003 | 6,478 | 16,099 | 2,292 | 109 | 446 | 1,376 | 4,302 | 14,226 | 1,849 |
| Death rate attributable to tobacco | 103 | 607 | 972 | 897 | 377 | 520 | 18 | 76 | 114 | 183 | 167 | 87 |
| Proportion of deaths attributable to tobacco (%) | 56 | 55 | 32 | 14 | 2 | 23 | 17 | 17 | 8 | 4 | 1 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 42 | 301 | 747 | 1,086 | 1,257 | 414 | 47 | 180 | 338 | 547 | 763 | 255 |
| Death rate attributable to tobacco | 15 | 163 | 328 | 328 | 171 | 159 | 4 | 13 | 20 | 26 | 17 | 14 |
| Proportion of deaths attributable to tobacco (%) | 37 | 54 | 44 | 30 | 14 | 38 | 9 | 7 | 6 | 5 | 2 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 108 | 238 | 256 | 152 | 114 | 3 | 15 | 31 | 47 | 51 | 21 |
| Death rate attributable to tobacco | 6 | 101 | 220 | 225 | 110 | 103 | 2 | 8 | 14 | 18 | 10 | 9 |
| Proportion of deaths attributable to tobacco (%) | 78 | 93 | 93 | 88 | 72 | 90 | 51 | 56 | 46 | 37 | 20 | 42 |
| <u>Death rate: All other malignant neoplasms</u> | 35 | 193 | 509 | 831 | 1,105 | 300 | 44 | 165 | 307 | 500 | 712 | 234 |
| Death rate attributable to tobacco | 10 | 63 | 107 | 103 | 61 | 56 | 3 | 5 | 5 | 8 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | 27 | 32 | 21 | 12 | 6 | 19 | 6 | 3 | 2 | 2 | 1 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 109 | 642 | 1,953 | 4,820 | 13,814 | 1,658 | 48 | 223 | 900 | 3,417 | 12,754 | 1,462 |
| Death rate attributable to tobacco | 85 | 421 | 588 | 473 | 79 | 326 | 14 | 61 | 88 | 139 | 116 | 66 |
| Proportion of deaths attributable to tobacco (%) | 78 | 66 | 30 | 10 | 1 | 20 | 29 | 27 | 10 | 4 | 1 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 39 | 307 | 869 | 1,882 | 4,008 | 632 | 8 | 72 | 328 | 1,065 | 3,396 | 431 |
| Death rate attributable to tobacco | 31 | 196 | 250 | 176 | 20 | 139 | 2 | 17 | 28 | 35 | 36 | 18 |
| Proportion of deaths attributable to tobacco (%) | 79 | 64 | 29 | 9 | 1 | 22 | 21 | 24 | 9 | 3 | 1 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 17 | 135 | 511 | 1,402 | 3,634 | 437 | 11 | 65 | 265 | 1,095 | 3,428 | 425 |
| Death rate attributable to tobacco | 11 | 88 | 145 | 117 | 18 | 72 | 5 | 19 | 27 | 51 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 64 | 65 | 28 | 8 | 1 | 16 | 43 | 29 | 10 | 5 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 52 | 200 | 573 | 1,536 | 6,173 | 590 | 29 | 86 | 307 | 1,256 | 5,930 | 607 |
| Death rate attributable to tobacco | 43 | 138 | 193 | 179 | 41 | 116 | 7 | 24 | 33 | 53 | 80 | 28 |
| Proportion of deaths attributable to tobacco (%) | 83 | 69 | 34 | 12 | 1 | 20 | 26 | 29 | 11 | 4 | 1 | 5 |
| <u>Death rate: Respiratory diseases</u> | 3 | 24 | 68 | 148 | 310 | 49 | 1 | 5 | 20 | 50 | 173 | 22 |
| Death rate attributable to tobacco | 2 | 18 | 47 | 85 | 118 | 29 | 0 | 2 | 6 | 14 | 32 | 6 |
| Proportion of deaths attributable to tobacco (%) | 64 | 75 | 70 | 58 | 38 | 59 | 30 | 39 | 29 | 29 | 18 | 25 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 17 | 52 | 114 | 230 | 37 | 0 | 3 | 12 | 37 | 127 | 16 |
| Death rate attributable to tobacco | 1 | 15 | 43 | 79 | 112 | 26 | 0 | 2 | 5 | 14 | 30 | 5 |
| Proportion of deaths attributable to tobacco (%) | 89 | 89 | 82 | 70 | 49 | 71 | 71 | 56 | 41 | 37 | 24 | 33 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 7 | 16 | 34 | 80 | 13 | 1 | 2 | 7 | 13 | 46 | 6 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 6 | 6 | 3 | 0 | 0 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 43 | 44 | 29 | 17 | 8 | 24 | 20 | 12 | 7 | 6 | 3 | 6 |

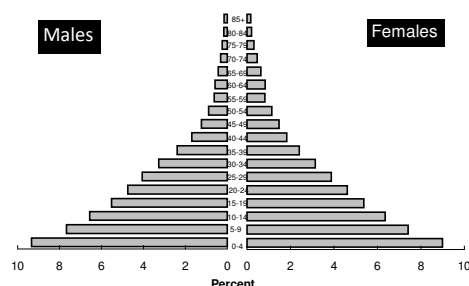
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Burkina Faso

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 5,120 | 4,948 | 10,068 |
| 30-44 | 993 | 995 | 1,988 |
| 45-59 | 373 | 464 | 836 |
| 60-69 | 139 | 199 | 337 |
| 70-79 | 76 | 107 | 183 |
| 80+ | 44 | 51 | 95 |
| Total | 6,743 | 6,764 | 13,507 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1465 per 100,000 population) was about 1.8 times that for communicable diseases (801 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 201 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 16 deaths per 100,000 population but with 61% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (167 per 100,000 men aged 30 years and over) compared with women (39 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 2% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,008 | 1,782 | 3,845 | 8,661 | 20,022 | 2,405 |
| Death rate attributable to tobacco | - | 68 | 289 | 626 | 781 | 100 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 7 | 4 | 4 |
| Death rate: Communicable diseases | 600 | 705 | 1,008 | 1,718 | 3,371 | 801 |
| Death rate attributable to tobacco | - | 10 | 39 | 86 | 148 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 5 | 4 | 2 |
| Death rate: Tuberculosis | 107 | 106 | 91 | 114 | 85 | 105 |
| Death rate attributable to tobacco | - | 4 | 5 | 7 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 6 | 6 | 2 |
| Death rate: Lower respiratory infections | 45 | 156 | 438 | 886 | 2,036 | 210 |
| Death rate attributable to tobacco | - | 5 | 33 | 78 | 142 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 8 | 9 | 7 | 6 |
| Death rate: Noncommunicable diseases | 281 | 954 | 2,699 | 6,718 | 16,298 | 1,465 |
| Death rate attributable to tobacco | - | 59 | 250 | 540 | 632 | 85 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 9 | 8 | 4 | 6 |
| Death rate: All malignant neoplasms | 43 | 208 | 551 | 1,201 | 2,158 | 253 |
| Death rate attributable to tobacco | - | 15 | 70 | 126 | 203 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 13 | 10 | 9 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 48 | 94 | 124 | 16 |
| Death rate attributable to tobacco | - | 4 | 32 | 64 | 82 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 49 | 65 | 68 | 67 | 61 |
| Death rate: All other malignant neoplasms | 42 | 198 | 502 | 1,107 | 2,034 | 237 |
| Death rate attributable to tobacco | - | 10 | 39 | 62 | 121 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 6 | 6 | 5 |
| Death rate: All Cardiovascular diseases | 93 | 386 | 1,202 | 3,332 | 9,149 | 694 |
| Death rate attributable to tobacco | - | 28 | 93 | 180 | 46 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 5 | 1 | 4 |
| Death rate: Ischaemic heart disease | 17 | 124 | 428 | 1,022 | 2,336 | 201 |
| Death rate attributable to tobacco | - | 11 | 33 | 49 | 13 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 8 | 5 | 1 | 4 |
| Death rate: Cerebrovascular disease | 38 | 146 | 448 | 1,240 | 3,175 | 254 |
| Death rate attributable to tobacco | - | 10 | 33 | 68 | 10 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 6 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 39 | 116 | 325 | 1,070 | 3,639 | 239 |
| Death rate attributable to tobacco | - | 7 | 27 | 62 | 23 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 8 | 6 | 1 | 4 |
| Death rate: Respiratory diseases | 37 | 105 | 305 | 714 | 1,563 | 158 |
| Death rate attributable to tobacco | - | 15 | 81 | 216 | 363 | 33 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 26 | 30 | 23 | 21 |
| Death rate: Chronic obstructive pulmonary disease | 7 | 40 | 148 | 365 | 728 | 68 |
| Death rate attributable to tobacco | - | 12 | 69 | 185 | 305 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 47 | 51 | 42 | 41 |
| Death rate: Other respiratory diseases | 29 | 65 | 157 | 349 | 836 | 90 |
| Death rate attributable to tobacco | - | 3 | 12 | 31 | 57 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 9 | 7 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,104 | 2,154 | 4,435 | 9,490 | 21,553 | 2,574 | 913 | 1,484 | 3,434 | 8,074 | 18,695 | 2,253 |
| Death rate attributable to tobacco | - | 153 | 540 | 915 | 1,589 | 167 | - | - | 113 | 421 | 81 | 39 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 12 | 10 | 7 | 6 | - | - | 3 | 5 | 0 | 2 |
| <u>Death rate: Communicable diseases</u> | 603 | 910 | 1,264 | 2,029 | 3,888 | 885 | 597 | 540 | 829 | 1,497 | 2,923 | 726 |
| Death rate attributable to tobacco | - | 21 | 75 | 124 | 303 | 25 | - | - | 13 | 59 | 14 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 6 | 8 | 3 | - | - | 2 | 4 | 0 | 1 |
| <i>Death rate: Tuberculosis</i> | 158 | 178 | 139 | 178 | 130 | 161 | 55 | 49 | 58 | 69 | 47 | 54 |
| Death rate attributable to tobacco | - | 9 | 11 | 13 | 11 | 4 | - | - | 1 | 3 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 7 | 9 | 2 | - | - | 2 | 4 | 0 | 1 |
| <i>Death rate: Lower respiratory infections</i> | 46 | 170 | 569 | 1,082 | 2,394 | 231 | 45 | 145 | 347 | 747 | 1,726 | 192 |
| Death rate attributable to tobacco | - | 12 | 64 | 111 | 289 | 21 | - | - | 12 | 55 | 14 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 11 | 10 | 12 | 9 | - | - | 3 | 7 | 1 | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 292 | 1,039 | 2,973 | 7,143 | 17,271 | 1,471 | 271 | 886 | 2,508 | 6,417 | 15,454 | 1,459 |
| Death rate attributable to tobacco | - | 132 | 465 | 791 | 1,286 | 142 | - | - | 100 | 362 | 66 | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 16 | 11 | 7 | 10 | - | - | 4 | 6 | 0 | 2 |
| <i>Death rate: All malignant neoplasms</i> | 35 | 208 | 641 | 1,495 | 2,929 | 273 | 52 | 208 | 488 | 992 | 1,489 | 235 |
| Death rate attributable to tobacco | - | 33 | 155 | 245 | 430 | 44 | - | - | 11 | 42 | 6 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 24 | 16 | 15 | 16 | - | - | 2 | 4 | 0 | 2 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 17 | 84 | 152 | 217 | 25 | 2 | 3 | 24 | 53 | 43 | 8 |
| Death rate attributable to tobacco | - | 10 | 67 | 121 | 174 | 18 | - | - | 7 | 23 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 58 | 79 | 80 | 80 | 75 | - | - | 29 | 44 | 6 | 26 |
| <i>Death rate: All other malignant neoplasms</i> | 34 | 190 | 557 | 1,344 | 2,712 | 248 | 50 | 205 | 465 | 939 | 1,446 | 226 |
| Death rate attributable to tobacco | - | 23 | 88 | 124 | 256 | 26 | - | - | 4 | 19 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 16 | 9 | 9 | 10 | - | - | 1 | 2 | 0 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 91 | 407 | 1,233 | 3,184 | 8,816 | 642 | 95 | 369 | 1,179 | 3,438 | 9,438 | 742 |
| Death rate attributable to tobacco | - | 64 | 141 | 173 | 79 | 37 | - | - | 59 | 184 | 18 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 11 | 5 | 1 | 6 | - | - | 5 | 5 | 0 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 21 | 169 | 535 | 1,257 | 2,619 | 227 | 12 | 89 | 354 | 856 | 2,090 | 177 |
| Death rate attributable to tobacco | - | 25 | 58 | 66 | 21 | 14 | - | - | 16 | 37 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 11 | 5 | 1 | 6 | - | - | 4 | 4 | 0 | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 35 | 145 | 423 | 1,059 | 2,771 | 215 | 40 | 146 | 465 | 1,369 | 3,524 | 289 |
| Death rate attributable to tobacco | - | 22 | 46 | 50 | 22 | 12 | - | - | 24 | 82 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 11 | 5 | 1 | 6 | - | - | 5 | 6 | - | 3 |
| <i>Death rate: Other cardiovascular diseases</i> | 34 | 94 | 275 | 867 | 3,426 | 199 | 43 | 134 | 360 | 1,213 | 3,823 | 275 |
| Death rate attributable to tobacco | - | 17 | 37 | 58 | 36 | 11 | - | - | 20 | 66 | 13 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 13 | 7 | 1 | 5 | - | - | 5 | 5 | 0 | 2 |
| <i>Death rate: Respiratory diseases</i> | 38 | 140 | 434 | 989 | 1,997 | 193 | 35 | 77 | 215 | 520 | 1,187 | 126 |
| Death rate attributable to tobacco | - | 33 | 159 | 352 | 735 | 57 | - | - | 26 | 120 | 40 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 37 | 36 | 37 | 30 | - | - | 12 | 23 | 3 | 9 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 9 | 60 | 237 | 557 | 1,032 | 93 | 6 | 24 | 86 | 229 | 464 | 45 |
| Death rate attributable to tobacco | - | 27 | 137 | 308 | 619 | 49 | - | - | 22 | 98 | 34 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 58 | 55 | 60 | 52 | - | - | 25 | 43 | 7 | 20 |
| <i>Death rate: Other respiratory diseases</i> | 29 | 80 | 197 | 433 | 965 | 99 | 30 | 53 | 129 | 291 | 724 | 81 |
| Death rate attributable to tobacco | - | 6 | 22 | 44 | 117 | 8 | - | - | 4 | 22 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 11 | 10 | 12 | 8 | - | - | 3 | 7 | 1 | 2 |

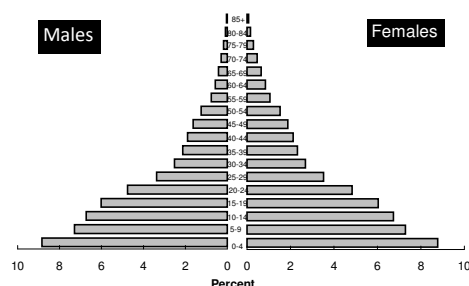
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Burundi

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,800 | 2,813 | 5,613 |
| 30-44 | 494 | 539 | 1,033 |
| 45-59 | 275 | 338 | 612 |
| 60-69 | 75 | 114 | 189 |
| 70-79 | 35 | 58 | 93 |
| 80+ | 9 | 17 | 26 |
| Total | 3,688 | 3,878 | 7,566 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1248 per 100,000 population) was about 1 times that for communicable diseases (1190 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 169 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 36% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (98 per 100,000 men aged 30 years and over) compared with women (5 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

- Among those who died prematurely, almost one in every 3909 deaths among those aged 30-44 and one in 41 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 2.8% of those whose death was due to a lower respiratory infection, 5.6% of deaths due to the category of 'all cardiovascular diseases combined', and 35% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,693 | 2,343 | 4,295 | 8,755 | 18,983 | 2,715 |
| Death rate attributable to tobacco | 0 | 57 | 139 | 236 | 334 | 47 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 3 | 3 | 2 | 2 |
| Death rate: Communicable diseases | 1,086 | 1,185 | 1,304 | 1,722 | 2,693 | 1,190 |
| Death rate attributable to tobacco | 0 | 11 | 20 | 26 | 41 | 7 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 2 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 145 | 163 | 225 | 245 | 198 | 164 |
| Death rate attributable to tobacco | 0 | 4 | 6 | 5 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 3 | 2 | 3 | 1 |
| Death rate: Lower respiratory infections | 85 | 215 | 464 | 802 | 1,526 | 216 |
| Death rate attributable to tobacco | 0 | 6 | 15 | 20 | 35 | 5 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 3 | 3 | 2 | 2 |
| Death rate: Noncommunicable diseases | 313 | 925 | 2,705 | 6,706 | 15,856 | 1,248 |
| Death rate attributable to tobacco | 0 | 47 | 119 | 210 | 293 | 40 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 4 | 3 | 2 | 3 |
| Death rate: All malignant neoplasms | 47 | 200 | 552 | 1,187 | 2,054 | 225 |
| Death rate attributable to tobacco | 0 | 13 | 45 | 71 | 119 | 13 |
| Proportion of deaths attributable to tobacco (%) | 0 | 7 | 8 | 6 | 6 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 29 | 49 | 63 | 10 |
| Death rate attributable to tobacco | 0 | 3 | 13 | 19 | 25 | 3 |
| Proportion of deaths attributable to tobacco (%) | 0 | 35 | 43 | 38 | 40 | 36 |
| Death rate: All other malignant neoplasms | 46 | 192 | 523 | 1,138 | 1,991 | 215 |
| Death rate attributable to tobacco | 0 | 10 | 32 | 53 | 94 | 10 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 6 | 5 | 5 | 5 |
| Death rate: All Cardiovascular diseases | 103 | 374 | 1,204 | 3,344 | 8,973 | 567 |
| Death rate attributable to tobacco | 0 | 21 | 29 | 45 | 11 | 12 |
| Proportion of deaths attributable to tobacco (%) | 0 | 6 | 2 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 20 | 123 | 432 | 1,019 | 2,234 | 169 |
| Death rate attributable to tobacco | 0 | 8 | 12 | 13 | 3 | 4 |
| Proportion of deaths attributable to tobacco (%) | 0 | 7 | 3 | 1 | 0 | 3 |
| Death rate: Cerebrovascular disease | 42 | 142 | 452 | 1,261 | 3,227 | 213 |
| Death rate attributable to tobacco | 0 | 7 | 10 | 16 | 3 | 4 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 2 | 1 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 41 | 109 | 320 | 1,064 | 3,511 | 184 |
| Death rate attributable to tobacco | 0 | 5 | 7 | 15 | 5 | 3 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 2 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 41 | 103 | 305 | 700 | 1,460 | 136 |
| Death rate attributable to tobacco | 0 | 12 | 43 | 90 | 156 | 14 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 14 | 13 | 11 | 10 |
| Death rate: Chronic obstructive pulmonary disease | 9 | 39 | 148 | 354 | 668 | 57 |
| Death rate attributable to tobacco | 0 | 10 | 38 | 81 | 138 | 13 |
| Proportion of deaths attributable to tobacco (%) | 1 | 25 | 26 | 23 | 21 | 22 |
| Death rate: Other respiratory diseases | 32 | 64 | 157 | 346 | 793 | 79 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 9 | 18 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 3 | 3 | 2 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,006 | 2,811 | 5,241 | 9,802 | 20,731 | 3,023 | 1,406 | 1,962 | 3,669 | 8,123 | 18,073 | 2,457 |
| Death rate attributable to tobacco | 1 | 127 | 349 | 473 | 975 | 98 | - | - | - | 93 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 7 | 5 | 5 | 3 | - | - | - | 1 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 1,065 | 1,375 | 1,721 | 2,145 | 3,334 | 1,282 | 1,105 | 1,030 | 1,029 | 1,466 | 2,359 | 1,113 |
| Death rate attributable to tobacco | 0 | 23 | 51 | 51 | 119 | 15 | - | - | - | 10 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 3 | 2 | 4 | 1 | - | - | - | 1 | - | 0 |
| <u>Death rate: Tuberculosis</u> | 210 | 278 | 363 | 467 | 414 | 256 | 85 | 68 | 134 | 111 | 86 | 86 |
| Death rate attributable to tobacco | 0 | 10 | 14 | 13 | 16 | 5 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 4 | 4 | 3 | 4 | 2 | - | - | - | 1 | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 146 | 262 | 651 | 987 | 1,856 | 275 | 29 | 176 | 341 | 690 | 1,355 | 166 |
| Death rate attributable to tobacco | 0 | 13 | 37 | 38 | 102 | 10 | - | - | - | 9 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 6 | 4 | 6 | 4 | - | - | - | 1 | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 398 | 1,045 | 3,068 | 7,192 | 16,869 | 1,257 | 235 | 828 | 2,465 | 6,412 | 15,329 | 1,240 |
| Death rate attributable to tobacco | 1 | 104 | 298 | 422 | 856 | 83 | - | - | - | 82 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 0 | 10 | 10 | 6 | 5 | 7 | - | - | - | 1 | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 48 | 209 | 661 | 1,507 | 3,010 | 237 | 46 | 194 | 480 | 993 | 1,556 | 215 |
| Death rate attributable to tobacco | 0 | 29 | 112 | 163 | 349 | 29 | - | - | - | 16 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 14 | 17 | 11 | 12 | 12 | - | - | - | 2 | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 14 | 49 | 74 | 116 | 13 | 1 | 5 | 16 | 34 | 35 | 6 |
| Death rate attributable to tobacco | 0 | 7 | 32 | 43 | 74 | 7 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 49 | 65 | 58 | 64 | 54 | - | - | - | 12 | - | 4 |
| <u>Death rate: All other malignant neoplasms</u> | 46 | 195 | 612 | 1,434 | 2,894 | 223 | 45 | 189 | 464 | 959 | 1,521 | 209 |
| Death rate attributable to tobacco | 0 | 22 | 81 | 120 | 275 | 21 | - | - | - | 12 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 12 | 13 | 8 | 9 | 10 | - | - | - | 1 | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 124 | 410 | 1,272 | 3,197 | 8,448 | 514 | 83 | 345 | 1,159 | 3,432 | 9,246 | 611 |
| Death rate attributable to tobacco | 0 | 47 | 73 | 64 | 32 | 24 | - | - | - | 33 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 6 | 2 | 0 | 5 | - | - | - | 1 | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 30 | 171 | 556 | 1,281 | 2,580 | 193 | 11 | 84 | 349 | 861 | 2,054 | 149 |
| Death rate attributable to tobacco | 0 | 18 | 31 | 25 | 9 | 9 | - | - | - | 7 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 5 | 2 | 0 | 5 | - | - | - | 1 | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 49 | 148 | 443 | 1,080 | 2,711 | 180 | 36 | 137 | 458 | 1,370 | 3,496 | 241 |
| Death rate attributable to tobacco | 0 | 16 | 24 | 18 | 9 | 8 | - | - | - | 15 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 5 | 2 | 0 | 4 | - | - | - | 1 | - | 0 |
| <u>Death rate: Other cardiovascular diseases</u> | 46 | 90 | 273 | 835 | 3,157 | 141 | 37 | 124 | 351 | 1,202 | 3,696 | 220 |
| Death rate attributable to tobacco | 0 | 12 | 19 | 21 | 14 | 6 | - | - | - | 12 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 13 | 7 | 2 | 0 | 5 | - | - | - | 1 | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 52 | 141 | 448 | 1,000 | 1,978 | 170 | 30 | 72 | 211 | 520 | 1,191 | 108 |
| Death rate attributable to tobacco | 0 | 26 | 108 | 188 | 456 | 29 | - | - | - | 30 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 19 | 24 | 19 | 23 | 17 | - | - | - | 6 | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 12 | 60 | 244 | 562 | 1,042 | 79 | 5 | 23 | 84 | 229 | 473 | 39 |
| Death rate attributable to tobacco | 0 | 22 | 96 | 171 | 405 | 26 | - | - | - | 26 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 37 | 39 | 30 | 39 | 33 | - | - | - | 12 | - | 4 |
| <u>Death rate: Other respiratory diseases</u> | 40 | 81 | 204 | 438 | 936 | 91 | 25 | 50 | 127 | 291 | 718 | 69 |
| Death rate attributable to tobacco | 0 | 4 | 11 | 17 | 52 | 3 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 6 | 4 | 6 | 4 | - | - | - | 1 | - | 0 |

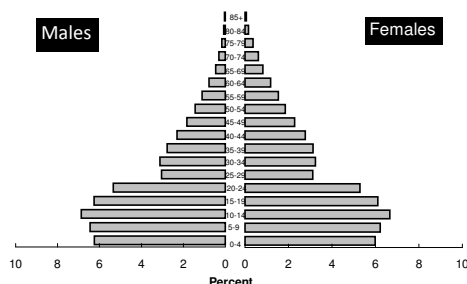
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cambodia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,695 | 4,578 | 9,273 |
| 30-44 | 1,126 | 1,256 | 2,382 |
| 45-59 | 600 | 777 | 1,377 |
| 60-69 | 169 | 274 | 444 |
| 70-79 | 65 | 135 | 200 |
| 80+ | 16 | 29 | 45 |
| Total | 6,670 | 7,050 | 13,720 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1070 per 100,000 population) was about 1.9 times that for communicable diseases (566 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 7% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 176 deaths per 100,000 population aged 30 years and over, with 20% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 24 deaths per 100,000 population but with 73% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 13% of all tuberculosis deaths.

- The death rate due to tobacco in men was (326 per 100,000 men aged 30 years and over) compared with women (130 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 8% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 7 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.1% of those whose death was due to a lower respiratory infection, 30.7% of deaths due to the category of 'all cardiovascular diseases combined', and 71.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 745 | 1,480 | 3,321 | 7,748 | 17,622 | 1,715 |
| Death rate attributable to tobacco | 107 | 216 | 393 | 923 | 1,236 | 217 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 12 | 12 | 7 | 13 |
| Death rate: Communicable diseases | 394 | 466 | 806 | 1,841 | 4,730 | 566 |
| Death rate attributable to tobacco | 33 | 31 | 58 | 143 | 279 | 42 |
| Proportion of deaths attributable to tobacco (%) | 8 | 7 | 7 | 8 | 6 | 7 |
| Death rate: Tuberculosis | 111 | 225 | 467 | 590 | 875 | 211 |
| Death rate attributable to tobacco | 23 | 25 | 45 | 62 | 68 | 28 |
| Proportion of deaths attributable to tobacco (%) | 20 | 11 | 10 | 10 | 8 | 13 |
| Death rate: Lower respiratory infections | 35 | 46 | 151 | 618 | 2,220 | 98 |
| Death rate attributable to tobacco | 10 | 6 | 13 | 81 | 207 | 14 |
| Proportion of deaths attributable to tobacco (%) | 29 | 12 | 9 | 13 | 9 | 15 |
| Death rate: Noncommunicable diseases | 276 | 940 | 2,442 | 5,775 | 12,625 | 1,070 |
| Death rate attributable to tobacco | 74 | 185 | 335 | 780 | 957 | 175 |
| Proportion of deaths attributable to tobacco (%) | 27 | 20 | 14 | 14 | 8 | 16 |
| Death rate: All malignant neoplasms | 61 | 257 | 542 | 888 | 1,194 | 219 |
| Death rate attributable to tobacco | 10 | 46 | 106 | 200 | 183 | 41 |
| Proportion of deaths attributable to tobacco (%) | 16 | 18 | 19 | 23 | 15 | 19 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 25 | 68 | 130 | 126 | 24 |
| Death rate attributable to tobacco | 3 | 18 | 51 | 100 | 85 | 17 |
| Proportion of deaths attributable to tobacco (%) | 64 | 72 | 75 | 77 | 67 | 73 |
| Death rate: All other malignant neoplasms | 57 | 233 | 474 | 758 | 1,068 | 195 |
| Death rate attributable to tobacco | 7 | 28 | 55 | 101 | 98 | 23 |
| Proportion of deaths attributable to tobacco (%) | 12 | 12 | 12 | 13 | 9 | 12 |
| Death rate: All Cardiovascular diseases | 106 | 379 | 1,072 | 2,900 | 7,018 | 482 |
| Death rate attributable to tobacco | 57 | 116 | 141 | 262 | 125 | 94 |
| Proportion of deaths attributable to tobacco (%) | 54 | 31 | 13 | 9 | 2 | 19 |
| Death rate: Ischaemic heart disease | 41 | 143 | 420 | 989 | 2,330 | 176 |
| Death rate attributable to tobacco | 23 | 42 | 53 | 81 | 48 | 35 |
| Proportion of deaths attributable to tobacco (%) | 57 | 30 | 13 | 8 | 2 | 20 |
| Death rate: Cerebrovascular disease | 23 | 106 | 301 | 890 | 1,976 | 135 |
| Death rate attributable to tobacco | 12 | 33 | 39 | 85 | 6 | 24 |
| Proportion of deaths attributable to tobacco (%) | 52 | 31 | 13 | 10 | 0 | 18 |
| Death rate: Other cardiovascular diseases | 42 | 130 | 351 | 1,021 | 2,711 | 171 |
| Death rate attributable to tobacco | 22 | 41 | 49 | 96 | 71 | 34 |
| Proportion of deaths attributable to tobacco (%) | 52 | 31 | 14 | 9 | 3 | 20 |
| Death rate: Respiratory diseases | 16 | 58 | 229 | 729 | 2,080 | 103 |
| Death rate attributable to tobacco | 6 | 19 | 79 | 293 | 627 | 37 |
| Proportion of deaths attributable to tobacco (%) | 37 | 33 | 35 | 40 | 30 | 35 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 21 | 111 | 378 | 909 | 45 |
| Death rate attributable to tobacco | 2 | 14 | 65 | 242 | 508 | 28 |
| Proportion of deaths attributable to tobacco (%) | 80 | 65 | 59 | 64 | 56 | 62 |
| Death rate: Other respiratory diseases | 14 | 37 | 119 | 352 | 1,170 | 58 |
| Death rate attributable to tobacco | 4 | 6 | 14 | 51 | 119 | 9 |
| Proportion of deaths attributable to tobacco (%) | 29 | 15 | 12 | 14 | 10 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 950 | 1,902 | 4,015 | 8,811 | 19,625 | 1,907 | 562 | 1,154 | 2,893 | 7,236 | 16,565 | 1,561 |
| Death rate attributable to tobacco | 168 | 344 | 721 | 1,472 | 1,975 | 326 | 52 | 117 | 190 | 658 | 846 | 130 |
| Proportion of deaths attributable to tobacco (%) | 18 | 18 | 18 | 17 | 10 | 17 | 9 | 10 | 7 | 9 | 5 | 8 |
| <u>Death rate: Communicable diseases</u> | 487 | 671 | 1,064 | 2,032 | 5,338 | 681 | 310 | 307 | 646 | 1,748 | 4,409 | 474 |
| Death rate attributable to tobacco | 49 | 52 | 113 | 192 | 341 | 63 | 19 | 15 | 24 | 120 | 246 | 26 |
| Proportion of deaths attributable to tobacco (%) | 10 | 8 | 11 | 9 | 6 | 9 | 6 | 5 | 4 | 7 | 6 | 6 |
| <i>Death rate: Tuberculosis</i> | 130 | 338 | 819 | 1,161 | 1,679 | 299 | 94 | 138 | 249 | 315 | 451 | 141 |
| Death rate attributable to tobacco | 34 | 48 | 102 | 145 | 159 | 49 | 12 | 8 | 9 | 22 | 20 | 11 |
| Proportion of deaths attributable to tobacco (%) | 26 | 14 | 12 | 13 | 9 | 16 | 13 | 6 | 4 | 7 | 4 | 8 |
| <i>Death rate: Lower respiratory infections</i> | 43 | 21 | 58 | 270 | 1,315 | 55 | 28 | 65 | 209 | 787 | 2,697 | 133 |
| Death rate attributable to tobacco | 15 | 4 | 10 | 46 | 173 | 13 | 6 | 7 | 15 | 98 | 225 | 15 |
| Proportion of deaths attributable to tobacco (%) | 34 | 19 | 17 | 17 | 13 | 24 | 22 | 10 | 7 | 12 | 8 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 331 | 1,107 | 2,841 | 6,619 | 13,997 | 1,096 | 227 | 811 | 2,196 | 5,368 | 11,901 | 1,048 |
| Death rate attributable to tobacco | 119 | 292 | 609 | 1,280 | 1,634 | 264 | 34 | 102 | 165 | 538 | 600 | 104 |
| Proportion of deaths attributable to tobacco (%) | 36 | 26 | 21 | 19 | 12 | 24 | 15 | 13 | 8 | 10 | 5 | 10 |
| <i>Death rate: All malignant neoplasms</i> | 51 | 260 | 644 | 1,091 | 1,238 | 209 | 71 | 255 | 479 | 790 | 1,171 | 226 |
| Death rate attributable to tobacco | 14 | 84 | 230 | 430 | 379 | 71 | 6 | 16 | 29 | 89 | 79 | 17 |
| Proportion of deaths attributable to tobacco (%) | 28 | 32 | 36 | 39 | 31 | 34 | 8 | 6 | 6 | 11 | 7 | 8 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 6 | 38 | 128 | 251 | 235 | 36 | 3 | 14 | 31 | 71 | 68 | 14 |
| Death rate attributable to tobacco | 4 | 31 | 110 | 220 | 193 | 30 | 2 | 7 | 15 | 41 | 28 | 7 |
| Proportion of deaths attributable to tobacco (%) | 71 | 81 | 86 | 88 | 82 | 83 | 54 | 51 | 47 | 58 | 41 | 52 |
| <i>Death rate: All other malignant neoplasms</i> | 45 | 222 | 517 | 839 | 1,003 | 173 | 67 | 241 | 448 | 719 | 1,103 | 212 |
| Death rate attributable to tobacco | 10 | 53 | 120 | 210 | 187 | 41 | 4 | 9 | 14 | 48 | 51 | 10 |
| Proportion of deaths attributable to tobacco (%) | 23 | 24 | 23 | 25 | 19 | 23 | 6 | 4 | 3 | 7 | 5 | 5 |
| <i>Death rate: All Cardiovascular diseases</i> | 136 | 468 | 1,232 | 3,108 | 7,255 | 484 | 79 | 310 | 973 | 2,799 | 6,892 | 480 |
| Death rate attributable to tobacco | 95 | 171 | 215 | 292 | 70 | 134 | 24 | 74 | 95 | 247 | 154 | 61 |
| Proportion of deaths attributable to tobacco (%) | 70 | 37 | 17 | 9 | 1 | 28 | 30 | 24 | 10 | 9 | 2 | 13 |
| <i>Death rate: Ischaemic heart disease</i> | 60 | 198 | 517 | 1,231 | 2,577 | 200 | 23 | 100 | 360 | 872 | 2,200 | 157 |
| Death rate attributable to tobacco | 44 | 70 | 87 | 113 | 23 | 57 | 5 | 21 | 32 | 65 | 62 | 17 |
| Proportion of deaths attributable to tobacco (%) | 72 | 35 | 17 | 9 | 1 | 29 | 23 | 21 | 9 | 7 | 3 | 11 |
| <i>Death rate: Cerebrovascular disease</i> | 30 | 128 | 340 | 903 | 1,916 | 130 | 16 | 89 | 276 | 883 | 2,008 | 139 |
| Death rate attributable to tobacco | 16 | 46 | 56 | 74 | 17 | 31 | 8 | 23 | 28 | 90 | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 55 | 36 | 17 | 8 | 1 | 24 | 46 | 26 | 10 | 10 | - | 14 |
| <i>Death rate: Other cardiovascular diseases</i> | 46 | 142 | 375 | 974 | 2,763 | 155 | 39 | 121 | 336 | 1,044 | 2,684 | 184 |
| Death rate attributable to tobacco | 35 | 55 | 71 | 105 | 31 | 46 | 11 | 30 | 35 | 92 | 92 | 25 |
| Proportion of deaths attributable to tobacco (%) | 76 | 39 | 19 | 11 | 1 | 30 | 28 | 24 | 10 | 9 | 3 | 13 |
| <u>Death rate: Respiratory diseases</u> | 20 | 76 | 331 | 1,100 | 2,868 | 122 | 13 | 44 | 167 | 551 | 1,664 | 89 |
| Death rate attributable to tobacco | 9 | 31 | 150 | 530 | 1,152 | 54 | 4 | 10 | 36 | 178 | 350 | 23 |
| Proportion of deaths attributable to tobacco (%) | 43 | 41 | 45 | 48 | 40 | 44 | 30 | 23 | 21 | 32 | 21 | 26 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 31 | 178 | 654 | 1,575 | 60 | 2 | 13 | 69 | 244 | 558 | 33 |
| Death rate attributable to tobacco | 3 | 22 | 124 | 453 | 982 | 42 | 1 | 7 | 29 | 140 | 257 | 17 |
| Proportion of deaths attributable to tobacco (%) | 85 | 72 | 69 | 69 | 62 | 69 | 73 | 52 | 42 | 57 | 46 | 51 |
| <i>Death rate: Other respiratory diseases</i> | 17 | 45 | 152 | 446 | 1,293 | 61 | 11 | 31 | 98 | 306 | 1,106 | 56 |
| Death rate attributable to tobacco | 6 | 9 | 26 | 77 | 171 | 12 | 2 | 3 | 7 | 38 | 92 | 6 |
| Proportion of deaths attributable to tobacco (%) | 34 | 19 | 17 | 17 | 13 | 20 | 22 | 10 | 7 | 12 | 8 | 11 |

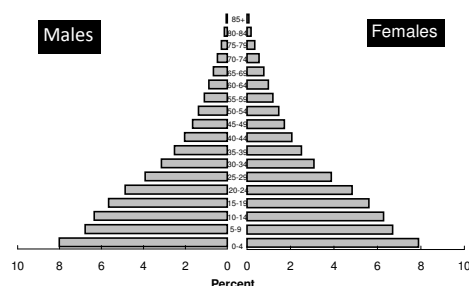
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cameroon

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 6,200 | 6,125 | 12,325 |
| 30-44 | 1,341 | 1,329 | 2,670 |
| 45-59 | 716 | 760 | 1,476 |
| 60-69 | 269 | 305 | 573 |
| 70-79 | 130 | 157 | 287 |
| 80+ | 33 | 46 | 78 |
| Total | 8,688 | 8,722 | 17,409 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1233 per 100,000 population) was about 1.2 times that for communicable diseases (990 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 174 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 11 deaths per 100,000 population but with 57% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (114 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 5% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,259 | 1,883 | 3,559 | 8,033 | 18,113 | 2,341 |
| Death rate attributable to tobacco | - | 44 | 206 | 232 | 422 | 56 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 3 | 2 | 2 |
| Death rate: Communicable diseases | 929 | 896 | 907 | 1,588 | 3,286 | 990 |
| Death rate attributable to tobacco | - | 5 | 28 | 29 | 80 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 2 | 1 |
| Death rate: Tuberculosis | 39 | 35 | 31 | 37 | 30 | 37 |
| Death rate attributable to tobacco | - | 1 | 2 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 3 | 4 | 1 |
| Death rate: Lower respiratory infections | 30 | 148 | 425 | 881 | 2,013 | 188 |
| Death rate attributable to tobacco | - | 4 | 26 | 28 | 78 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 3 | 4 | 4 |
| Death rate: Noncommunicable diseases | 231 | 877 | 2,517 | 6,221 | 14,471 | 1,233 |
| Death rate attributable to tobacco | - | 39 | 178 | 203 | 342 | 48 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 3 | 2 | 4 |
| Death rate: All malignant neoplasms | 36 | 190 | 518 | 1,128 | 1,949 | 226 |
| Death rate attributable to tobacco | - | 10 | 53 | 55 | 98 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 5 | 5 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 8 | 43 | 43 | 63 | 11 |
| Death rate attributable to tobacco | - | 3 | 27 | 29 | 46 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 64 | 67 | 72 | 57 |
| Death rate: All other malignant neoplasms | 35 | 182 | 475 | 1,085 | 1,886 | 215 |
| Death rate attributable to tobacco | - | 7 | 25 | 26 | 52 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 2 | 3 | 3 |
| Death rate: All Cardiovascular diseases | 77 | 355 | 1,110 | 3,057 | 8,088 | 565 |
| Death rate attributable to tobacco | - | 18 | 56 | 40 | 18 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 14 | 120 | 407 | 960 | 2,042 | 174 |
| Death rate attributable to tobacco | - | 7 | 23 | 15 | 5 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 6 | 2 | 0 | 3 |
| Death rate: Cerebrovascular disease | 31 | 132 | 409 | 1,126 | 2,845 | 208 |
| Death rate attributable to tobacco | - | 6 | 18 | 11 | 5 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 1 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 31 | 103 | 295 | 971 | 3,201 | 184 |
| Death rate attributable to tobacco | - | 5 | 15 | 13 | 8 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 30 | 99 | 295 | 679 | 1,373 | 137 |
| Death rate attributable to tobacco | - | 11 | 66 | 104 | 216 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 22 | 15 | 16 | 14 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 39 | 146 | 349 | 641 | 61 |
| Death rate attributable to tobacco | - | 9 | 57 | 93 | 188 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 39 | 27 | 29 | 28 |
| Death rate: Other respiratory diseases | 24 | 60 | 149 | 329 | 732 | 77 |
| Death rate attributable to tobacco | - | 2 | 9 | 10 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 3 | 4 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,194 | 2,210 | 4,193 | 8,816 | 19,235 | 2,445 | 1,325 | 1,574 | 3,000 | 7,388 | 17,309 | 2,243 |
| Death rate attributable to tobacco | - | 90 | 440 | 513 | 1,012 | 114 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 6 | 5 | 5 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 792 | 1,069 | 1,181 | 1,865 | 3,735 | 1,008 | 1,066 | 734 | 667 | 1,359 | 2,965 | 973 |
| Death rate attributable to tobacco | - | 10 | 59 | 64 | 192 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 3 | 5 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 59 | 57 | 46 | 56 | 50 | 57 | 20 | 13 | 17 | 22 | 16 | 18 |
| Death rate attributable to tobacco | - | 2 | 3 | 2 | 3 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 4 | 6 | 2 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 52 | 184 | 557 | 1,080 | 2,354 | 229 | 8 | 114 | 308 | 716 | 1,769 | 148 |
| Death rate attributable to tobacco | - | 8 | 55 | 62 | 187 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 6 | 8 | 6 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 246 | 972 | 2,829 | 6,644 | 15,121 | 1,263 | 215 | 787 | 2,242 | 5,872 | 14,005 | 1,205 |
| Death rate attributable to tobacco | - | 80 | 381 | 449 | 820 | 98 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 13 | 7 | 5 | 8 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 30 | 196 | 610 | 1,393 | 2,692 | 246 | 42 | 184 | 436 | 909 | 1,418 | 207 |
| Death rate attributable to tobacco | - | 20 | 112 | 122 | 234 | 27 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 18 | 9 | 9 | 11 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 13 | 76 | 95 | 152 | 19 | - | 4 | 14 | 1 | - | 3 |
| Death rate attributable to tobacco | - | 6 | 58 | 64 | 109 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 77 | 67 | 72 | 65 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 183 | 534 | 1,298 | 2,540 | 227 | 42 | 180 | 422 | 909 | 1,418 | 204 |
| Death rate attributable to tobacco | - | 14 | 54 | 58 | 125 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 4 | 5 | 6 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 77 | 383 | 1,174 | 2,952 | 7,580 | 532 | 76 | 328 | 1,054 | 3,143 | 8,452 | 598 |
| Death rate attributable to tobacco | - | 37 | 119 | 87 | 43 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 3 | 1 | 5 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 19 | 161 | 510 | 1,176 | 2,291 | 203 | 10 | 80 | 316 | 783 | 1,864 | 146 |
| Death rate attributable to tobacco | - | 15 | 49 | 34 | 12 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 10 | 3 | 1 | 6 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 30 | 135 | 403 | 981 | 2,391 | 181 | 32 | 129 | 414 | 1,244 | 3,170 | 234 |
| Death rate attributable to tobacco | - | 13 | 39 | 25 | 12 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 3 | 1 | 5 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 29 | 86 | 261 | 795 | 2,898 | 148 | 34 | 119 | 325 | 1,115 | 3,418 | 218 |
| Death rate attributable to tobacco | - | 10 | 31 | 29 | 19 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 12 | 4 | 1 | 5 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 32 | 131 | 413 | 924 | 1,772 | 171 | 27 | 69 | 192 | 476 | 1,088 | 105 |
| Death rate attributable to tobacco | - | 22 | 141 | 229 | 519 | 40 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 34 | 25 | 29 | 24 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 8 | 57 | 225 | 519 | 932 | 84 | 5 | 22 | 77 | 209 | 432 | 38 |
| Death rate attributable to tobacco | - | 19 | 123 | 206 | 452 | 35 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 54 | 40 | 48 | 42 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 24 | 74 | 187 | 405 | 839 | 87 | 23 | 47 | 115 | 266 | 656 | 67 |
| Death rate attributable to tobacco | - | 3 | 19 | 23 | 67 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 6 | 8 | 6 | - | - | - | - | - | - |

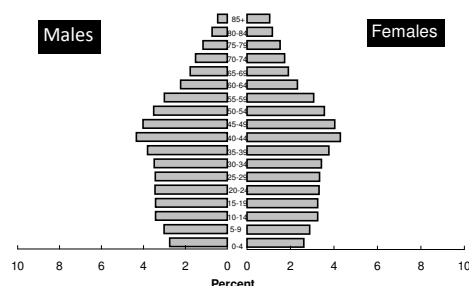
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Canada

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 6,233 | 5,961 | 12,194 |
| 30-44 | 3,716 | 3,669 | 7,385 |
| 45-59 | 3,365 | 3,408 | 6,773 |
| 60-69 | 1,278 | 1,348 | 2,626 |
| 70-79 | 852 | 1,039 | 1,891 |
| 80+ | 379 | 707 | 1,086 |
| Total | 15,823 | 16,132 | 31,955 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1008 per 100,000 population) was about 21.6 times that for communicable diseases (47 per 100,000). Tobacco was responsible for 23% of all NCDs compared with 18% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 211 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 89 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 33% of all lower respiratory infection deaths and 22% of all tuberculosis deaths.

- The death rate due to tobacco in men was (263 per 100,000 men aged 30 years and over) compared with women (216 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 23% for men and 20% for women.

- Among those who died prematurely, almost one in every 9 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 27.4% of those whose death was due to a lower respiratory infection, 45.6% of deaths due to the category of 'all cardiovascular diseases combined', and 83.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|--------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 100 | 351 | 1,145 | 2,971 | 9,385 | 1,110 |
| Death rate attributable to tobacco | 11 | 92 | 355 | 810 | 1,428 | 239 |
| Proportion of deaths attributable to tobacco (%) | 11 | 26 | 31 | 27 | 15 | 22 |
| Death rate: Communicable diseases | 6 | 12 | 26 | 94 | 514 | 47 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 16 | 115 | 9 |
| Proportion of deaths attributable to tobacco (%) | 4 | 7 | 11 | 17 | 22 | 18 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 2 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 15 | 17 | 22 | 24 | 23 | 22 |
| Death rate: Lower respiratory infections | 1 | 3 | 9 | 45 | 337 | 25 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 16 | 113 | 8 |
| Proportion of deaths attributable to tobacco (%) | 23 | 27 | 32 | 34 | 34 | 33 |
| Death rate: Noncommunicable diseases | 58 | 301 | 1,075 | 2,806 | 8,586 | 1,008 |
| Death rate attributable to tobacco | 11 | 91 | 352 | 794 | 1,312 | 230 |
| Proportion of deaths attributable to tobacco (%) | 19 | 30 | 33 | 28 | 15 | 23 |
| Death rate: All malignant neoplasms | 25 | 156 | 539 | 1,091 | 1,769 | 336 |
| Death rate attributable to tobacco | 4 | 49 | 206 | 398 | 459 | 109 |
| Proportion of deaths attributable to tobacco (%) | 16 | 31 | 38 | 37 | 26 | 32 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 42 | 173 | 329 | 339 | 89 |
| Death rate attributable to tobacco | 2 | 35 | 156 | 298 | 298 | 79 |
| Proportion of deaths attributable to tobacco (%) | 57 | 84 | 90 | 91 | 88 | 88 |
| Death rate: All other malignant neoplasms | 21 | 114 | 366 | 762 | 1,429 | 247 |
| Death rate attributable to tobacco | 2 | 14 | 50 | 100 | 160 | 30 |
| Proportion of deaths attributable to tobacco (%) | 8 | 12 | 14 | 13 | 11 | 12 |
| Death rate: All Cardiovascular diseases | 14 | 79 | 302 | 955 | 3,903 | 378 |
| Death rate attributable to tobacco | 7 | 36 | 101 | 215 | 336 | 67 |
| Proportion of deaths attributable to tobacco (%) | 48 | 46 | 33 | 22 | 9 | 18 |
| Death rate: Ischaemic heart disease | 7 | 52 | 195 | 567 | 2,014 | 211 |
| Death rate attributable to tobacco | 3 | 22 | 60 | 116 | 201 | 39 |
| Proportion of deaths attributable to tobacco (%) | 48 | 43 | 31 | 20 | 10 | 18 |
| Death rate: Cerebrovascular disease | 2 | 10 | 45 | 184 | 916 | 78 |
| Death rate attributable to tobacco | 1 | 5 | 16 | 45 | 8 | 9 |
| Proportion of deaths attributable to tobacco (%) | 45 | 50 | 36 | 24 | 1 | 11 |
| Death rate: Other cardiovascular diseases | 5 | 17 | 63 | 204 | 973 | 89 |
| Death rate attributable to tobacco | 2 | 9 | 24 | 54 | 127 | 19 |
| Proportion of deaths attributable to tobacco (%) | 50 | 51 | 39 | 26 | 13 | 22 |
| Death rate: Respiratory diseases | 1 | 8 | 56 | 224 | 657 | 68 |
| Death rate attributable to tobacco | 0 | 5 | 38 | 159 | 460 | 47 |
| Proportion of deaths attributable to tobacco (%) | 31 | 54 | 68 | 71 | 70 | 69 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 4 | 40 | 167 | 486 | 50 |
| Death rate attributable to tobacco | 0 | 3 | 33 | 140 | 404 | 41 |
| Proportion of deaths attributable to tobacco (%) | 75 | 79 | 82 | 84 | 83 | 83 |
| Death rate: Other respiratory diseases | 1 | 4 | 16 | 56 | 171 | 19 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 19 | 57 | 6 |
| Proportion of deaths attributable to tobacco (%) | 23 | 28 | 31 | 33 | 33 | 32 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 125 | 427 | 1,431 | 3,748 | 10,950 | 1,155 | 75 | 276 | 873 | 2,335 | 8,546 | 1,068 |
| Death rate attributable to tobacco | 15 | 115 | 437 | 1,005 | 1,754 | 263 | 8 | 69 | 277 | 651 | 1,253 | 216 |
| Proportion of deaths attributable to tobacco (%) | 12 | 27 | 31 | 27 | 16 | 23 | 11 | 25 | 32 | 28 | 15 | 20 |
| <u>Death rate: Communicable diseases</u> | 8 | 16 | 32 | 109 | 584 | 46 | 4 | 7 | 21 | 82 | 476 | 48 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 16 | 116 | 7 | 0 | 1 | 3 | 17 | 115 | 10 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 9 | 14 | 20 | 15 | 7 | 11 | 15 | 20 | 24 | 22 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 1 | 2 | 8 | 1 | 0 | 0 | 1 | 2 | 4 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 13 | 17 | 20 | 21 | 22 | 21 | 18 | 21 | 24 | 27 | 23 | 24 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 3 | 10 | 54 | 388 | 23 | 1 | 2 | 8 | 39 | 310 | 28 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 15 | 113 | 7 | 0 | 1 | 3 | 16 | 113 | 10 |
| Proportion of deaths attributable to tobacco (%) | 18 | 23 | 27 | 28 | 29 | 28 | 29 | 34 | 38 | 41 | 37 | 37 |
| <u>Death rate: Noncommunicable diseases</u> | 64 | 356 | 1,337 | 3,545 | 10,037 | 1,040 | 53 | 247 | 828 | 2,201 | 7,808 | 979 |
| Death rate attributable to tobacco | 15 | 114 | 434 | 989 | 1,638 | 256 | 8 | 68 | 273 | 635 | 1,138 | 206 |
| Proportion of deaths attributable to tobacco (%) | 23 | 32 | 32 | 28 | 16 | 25 | 15 | 28 | 33 | 29 | 15 | 21 |
| <u>Death rate: All malignant neoplasms</u> | 22 | 154 | 622 | 1,369 | 2,451 | 364 | 29 | 157 | 461 | 863 | 1,402 | 310 |
| Death rate attributable to tobacco | 4 | 58 | 268 | 563 | 783 | 139 | 4 | 40 | 147 | 263 | 284 | 81 |
| Proportion of deaths attributable to tobacco (%) | 18 | 38 | 43 | 41 | 32 | 38 | 14 | 25 | 32 | 31 | 20 | 26 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 46 | 212 | 446 | 567 | 108 | 4 | 39 | 136 | 232 | 217 | 71 |
| Death rate attributable to tobacco | 2 | 39 | 194 | 415 | 525 | 98 | 3 | 32 | 120 | 202 | 177 | 61 |
| Proportion of deaths attributable to tobacco (%) | 50 | 84 | 92 | 93 | 93 | 91 | 63 | 82 | 88 | 87 | 81 | 85 |
| <u>Death rate: All other malignant neoplasms</u> | 18 | 108 | 411 | 922 | 1,884 | 256 | 25 | 119 | 324 | 631 | 1,185 | 239 |
| Death rate attributable to tobacco | 2 | 20 | 74 | 147 | 258 | 41 | 1 | 8 | 28 | 61 | 107 | 20 |
| Proportion of deaths attributable to tobacco (%) | 12 | 18 | 18 | 16 | 14 | 16 | 5 | 6 | 8 | 10 | 9 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 20 | 119 | 430 | 1,264 | 4,378 | 392 | 8 | 40 | 182 | 701 | 3,648 | 366 |
| Death rate attributable to tobacco | 10 | 49 | 117 | 209 | 111 | 60 | 3 | 23 | 85 | 220 | 456 | 74 |
| Proportion of deaths attributable to tobacco (%) | 52 | 42 | 27 | 17 | 3 | 15 | 40 | 58 | 47 | 31 | 12 | 20 |
| <u>Death rate: Ischaemic heart disease</u> | 11 | 86 | 299 | 804 | 2,420 | 241 | 2 | 20 | 96 | 372 | 1,796 | 183 |
| Death rate attributable to tobacco | 6 | 34 | 78 | 129 | 58 | 38 | 1 | 11 | 43 | 105 | 278 | 40 |
| Proportion of deaths attributable to tobacco (%) | 52 | 40 | 26 | 16 | 2 | 16 | 30 | 54 | 44 | 28 | 15 | 22 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 11 | 50 | 217 | 921 | 67 | 2 | 9 | 39 | 157 | 913 | 89 |
| Death rate attributable to tobacco | 1 | 5 | 13 | 31 | 22 | 7 | 1 | 6 | 19 | 56 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 33 | 41 | 26 | 14 | 2 | 11 | 56 | 61 | 49 | 36 | - | 12 |
| <u>Death rate: Other cardiovascular diseases</u> | 6 | 23 | 81 | 243 | 1,037 | 84 | 4 | 11 | 46 | 172 | 939 | 94 |
| Death rate attributable to tobacco | 4 | 11 | 25 | 48 | 32 | 14 | 1 | 7 | 23 | 58 | 178 | 24 |
| Proportion of deaths attributable to tobacco (%) | 58 | 47 | 31 | 20 | 3 | 17 | 36 | 61 | 51 | 34 | 19 | 26 |
| <u>Death rate: Respiratory diseases</u> | 1 | 9 | 64 | 288 | 974 | 76 | 1 | 8 | 48 | 171 | 487 | 61 |
| Death rate attributable to tobacco | 0 | 5 | 41 | 193 | 680 | 51 | 0 | 5 | 35 | 130 | 343 | 43 |
| Proportion of deaths attributable to tobacco (%) | 25 | 50 | 64 | 67 | 70 | 67 | 39 | 60 | 73 | 76 | 70 | 72 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 5 | 45 | 213 | 750 | 56 | 0 | 4 | 35 | 130 | 344 | 43 |
| Death rate attributable to tobacco | 0 | 4 | 36 | 172 | 614 | 46 | 0 | 3 | 30 | 113 | 291 | 37 |
| Proportion of deaths attributable to tobacco (%) | 70 | 76 | 80 | 81 | 82 | 81 | 80 | 83 | 85 | 87 | 84 | 85 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 5 | 20 | 75 | 224 | 20 | 1 | 4 | 12 | 41 | 142 | 17 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 21 | 66 | 6 | 0 | 1 | 5 | 17 | 52 | 6 |
| Proportion of deaths attributable to tobacco (%) | 18 | 23 | 27 | 28 | 29 | 28 | 29 | 34 | 38 | 41 | 37 | 38 |

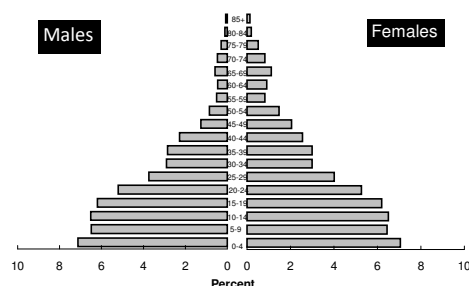
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cape Verde

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 175 | 176 | 350 |
| 30-44 | 40 | 42 | 82 |
| 45-59 | 13 | 22 | 35 |
| 60-69 | 5 | 10 | 15 |
| 70-79 | 4 | 7 | 10 |
| 80+ | 1 | 2 | 3 |
| Total | 237 | 258 | 495 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (913 per 100,000 population) was about 3 times that for communicable diseases (303 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 117 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 6 deaths per 100,000 population but with 32% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (34 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 258 | 732 | 2,397 | 5,909 | 16,612 | 1,295 |
| Death rate attributable to tobacco | - | - | 55 | 81 | 182 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 1 | 1 |
| Death rate: Communicable diseases | 116 | 191 | 411 | 1,101 | 3,866 | 303 |
| Death rate attributable to tobacco | - | - | 5 | 9 | 38 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 72 | 109 | 122 | 107 | 92 | 89 |
| Death rate attributable to tobacco | - | - | 2 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 2 | 0 |
| Death rate: Lower respiratory infections | 9 | 35 | 157 | 573 | 2,343 | 113 |
| Death rate attributable to tobacco | - | - | 3 | 7 | 36 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 2 | 1 |
| Death rate: Noncommunicable diseases | 88 | 478 | 1,883 | 4,615 | 12,248 | 913 |
| Death rate attributable to tobacco | - | - | 50 | 72 | 145 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 2 | 1 | 1 |
| Death rate: All malignant neoplasms | 15 | 106 | 383 | 823 | 1,542 | 161 |
| Death rate attributable to tobacco | - | - | 14 | 20 | 39 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 2 | 3 | 2 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 3 | 17 | 31 | 43 | 6 |
| Death rate attributable to tobacco | - | - | 7 | 11 | 18 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 42 | 35 | 41 | 32 |
| Death rate: All other malignant neoplasms | 15 | 103 | 366 | 792 | 1,499 | 155 |
| Death rate attributable to tobacco | - | - | 7 | 9 | 21 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 1 | 1 |
| Death rate: All Cardiovascular diseases | 29 | 186 | 803 | 2,173 | 6,741 | 422 |
| Death rate attributable to tobacco | - | - | 13 | 12 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 4 | 52 | 274 | 633 | 1,532 | 117 |
| Death rate attributable to tobacco | - | - | 5 | 4 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Cerebrovascular disease | 11 | 65 | 283 | 761 | 2,192 | 146 |
| Death rate attributable to tobacco | - | - | 4 | 3 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 0 | 0 | 0 |
| Death rate: Other cardiovascular diseases | 13 | 68 | 246 | 779 | 3,017 | 160 |
| Death rate attributable to tobacco | - | - | 4 | 4 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 0 |
| Death rate: Respiratory diseases | 11 | 50 | 210 | 489 | 1,126 | 96 |
| Death rate attributable to tobacco | - | - | 22 | 39 | 95 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 10 | 8 | 8 | 7 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 19 | 102 | 249 | 511 | 43 |
| Death rate attributable to tobacco | - | - | 20 | 36 | 85 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 19 | 14 | 17 | 14 |
| Death rate: Other respiratory diseases | 9 | 32 | 108 | 240 | 615 | 52 |
| Death rate attributable to tobacco | - | - | 2 | 3 | 10 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 2 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 306 | 942 | 3,139 | 7,051 | 17,907 | 1,345 | 212 | 605 | 2,012 | 5,249 | 15,892 | 1,258 |
| Death rate attributable to tobacco | - | - | 160 | 220 | 511 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 3 | 3 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 158 | 352 | 570 | 1,380 | 4,308 | 368 | 75 | 94 | 328 | 939 | 3,620 | 252 |
| Death rate attributable to tobacco | - | - | 14 | 23 | 106 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 2 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 110 | 219 | 240 | 192 | 169 | 149 | 37 | 43 | 61 | 58 | 49 | 43 |
| Death rate attributable to tobacco | - | - | 6 | 4 | 4 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 2 | 3 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 18 | 59 | 197 | 735 | 2,664 | 124 | 1 | 20 | 136 | 480 | 2,165 | 105 |
| Death rate attributable to tobacco | - | - | 7 | 20 | 100 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 3 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 72 | 490 | 2,428 | 5,399 | 13,121 | 872 | 103 | 471 | 1,600 | 4,161 | 11,763 | 945 |
| Death rate attributable to tobacco | - | - | 146 | 197 | 405 | 30 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 4 | 3 | 3 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 9 | 98 | 524 | 1,131 | 2,272 | 172 | 21 | 111 | 309 | 644 | 1,136 | 152 |
| Death rate attributable to tobacco | - | - | 41 | 53 | 109 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 8 | 5 | 5 | 5 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 0 | 7 | 38 | 60 | 92 | 10 | 0 | 1 | 6 | 14 | 16 | 3 |
| Death rate attributable to tobacco | - | - | 21 | 29 | 50 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 55 | 48 | 54 | 43 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 9 | 91 | 486 | 1,071 | 2,180 | 162 | 21 | 110 | 303 | 630 | 1,121 | 150 |
| Death rate attributable to tobacco | - | - | 20 | 24 | 59 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 2 | 3 | 2 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 22 | 187 | 980 | 2,306 | 6,440 | 370 | 35 | 185 | 712 | 2,096 | 6,909 | 462 |
| Death rate attributable to tobacco | - | - | 38 | 32 | 17 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 1 | 0 | 1 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 5 | 74 | 411 | 875 | 1,772 | 132 | 4 | 39 | 204 | 493 | 1,399 | 105 |
| Death rate attributable to tobacco | - | - | 15 | 12 | 4 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 1 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 61 | 321 | 726 | 1,892 | 117 | 14 | 68 | 264 | 781 | 2,359 | 168 |
| Death rate attributable to tobacco | - | - | 12 | 9 | 4 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 1 | 0 | 1 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 9 | 52 | 249 | 705 | 2,777 | 121 | 17 | 78 | 244 | 822 | 3,151 | 189 |
| Death rate attributable to tobacco | - | - | 11 | 11 | 8 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 2 | 0 | 1 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 9 | 66 | 352 | 750 | 1,526 | 117 | 12 | 41 | 136 | 337 | 904 | 79 |
| Death rate attributable to tobacco | - | - | 64 | 106 | 265 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 18 | 14 | 17 | 13 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 28 | 193 | 422 | 795 | 61 | 2 | 13 | 55 | 148 | 354 | 30 |
| Death rate attributable to tobacco | - | - | 58 | 97 | 237 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 30 | 23 | 30 | 23 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 7 | 37 | 159 | 329 | 731 | 56 | 10 | 29 | 81 | 189 | 551 | 49 |
| Death rate attributable to tobacco | - | - | 6 | 9 | 28 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 3 | 4 | 3 | - | - | - | - | - | - |

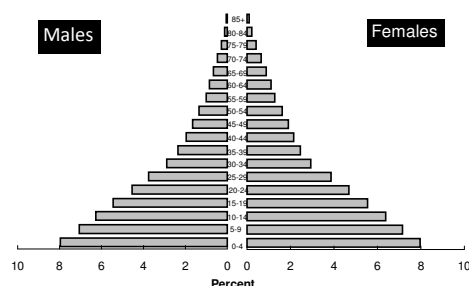
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Central African Republic

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,445 | 1,467 | 2,912 |
| 30-44 | 297 | 311 | 607 |
| 45-59 | 166 | 198 | 364 |
| 60-69 | 63 | 82 | 145 |
| 70-79 | 31 | 44 | 75 |
| 80+ | 7 | 13 | 20 |
| Total | 2,008 | 2,115 | 4,123 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1363 per 100,000 population) was about 1.2 times that for communicable diseases (1110 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 192 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 51% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (121 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,542 | 2,144 | 3,810 | 8,393 | 18,558 | 2,705 |
| Death rate attributable to tobacco | - | 81 | 174 | 128 | 199 | 56 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 2 | 1 | 2 |
| Death rate: Communicable diseases | 1,080 | 1,000 | 910 | 1,650 | 3,411 | 1,110 |
| Death rate attributable to tobacco | - | 11 | 21 | 14 | 33 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 110 | 127 | 156 | 163 | 136 | 124 |
| Death rate attributable to tobacco | - | 6 | 6 | 2 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 2 | 2 |
| Death rate: Lower respiratory infections | 22 | 114 | 350 | 825 | 2,011 | 172 |
| Death rate attributable to tobacco | - | 4 | 15 | 12 | 31 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 1 | 2 | 2 |
| Death rate: Noncommunicable diseases | 245 | 931 | 2,650 | 6,410 | 14,623 | 1,363 |
| Death rate attributable to tobacco | - | 71 | 153 | 114 | 166 | 49 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 6 | 2 | 1 | 4 |
| Death rate: All malignant neoplasms | 39 | 202 | 543 | 1,150 | 1,915 | 249 |
| Death rate attributable to tobacco | - | 17 | 45 | 29 | 43 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 3 | 2 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 11 | 35 | 29 | 35 | 10 |
| Death rate attributable to tobacco | - | 6 | 21 | 14 | 17 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 51 | 60 | 47 | 49 | 51 |
| Death rate: All other malignant neoplasms | 38 | 191 | 508 | 1,121 | 1,880 | 238 |
| Death rate attributable to tobacco | - | 11 | 24 | 15 | 26 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 5 | 1 | 1 | 3 |
| Death rate: All Cardiovascular diseases | 82 | 377 | 1,174 | 3,170 | 8,247 | 630 |
| Death rate attributable to tobacco | - | 36 | 46 | 20 | 7 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 15 | 125 | 426 | 981 | 2,054 | 192 |
| Death rate attributable to tobacco | - | 14 | 19 | 8 | 2 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 4 | 1 | 0 | 4 |
| Death rate: Cerebrovascular disease | 33 | 141 | 434 | 1,174 | 2,926 | 233 |
| Death rate attributable to tobacco | - | 12 | 15 | 6 | 2 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 3 | 0 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 33 | 111 | 314 | 1,014 | 3,267 | 205 |
| Death rate attributable to tobacco | - | 9 | 12 | 7 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 32 | 104 | 306 | 686 | 1,359 | 149 |
| Death rate attributable to tobacco | - | 17 | 59 | 62 | 112 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 19 | 9 | 8 | 12 |
| Death rate: Chronic obstructive pulmonary disease | 7 | 40 | 150 | 351 | 625 | 66 |
| Death rate attributable to tobacco | - | 14 | 52 | 57 | 101 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 34 | 16 | 16 | 24 |
| Death rate: Other respiratory diseases | 25 | 64 | 155 | 336 | 734 | 83 |
| Death rate attributable to tobacco | - | 3 | 7 | 5 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 2 | 2 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,536 | 2,494 | 4,476 | 9,245 | 19,962 | 2,813 | 1,547 | 1,851 | 3,301 | 7,791 | 17,753 | 2,611 |
| Death rate attributable to tobacco | - | 178 | 401 | 309 | 547 | 121 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 9 | 3 | 3 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 904 | 1,103 | 1,092 | 1,886 | 3,934 | 1,078 | 1,248 | 914 | 771 | 1,483 | 3,111 | 1,139 |
| Death rate attributable to tobacco | - | 23 | 48 | 35 | 91 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 2 | 2 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 172 | 221 | 235 | 286 | 270 | 201 | 50 | 49 | 96 | 76 | 59 | 58 |
| Death rate attributable to tobacco | - | 14 | 14 | 6 | 7 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 6 | 2 | 3 | 3 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 24 | 104 | 411 | 937 | 2,329 | 172 | 19 | 122 | 304 | 746 | 1,828 | 172 |
| Death rate attributable to tobacco | - | 9 | 34 | 28 | 84 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 8 | 3 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 258 | 1,047 | 3,022 | 6,930 | 15,464 | 1,366 | 232 | 833 | 2,367 | 6,043 | 14,141 | 1,359 |
| Death rate attributable to tobacco | - | 155 | 353 | 274 | 455 | 106 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 12 | 4 | 3 | 8 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 32 | 211 | 651 | 1,453 | 2,758 | 268 | 45 | 195 | 460 | 936 | 1,432 | 232 |
| Death rate attributable to tobacco | - | 36 | 104 | 70 | 119 | 28 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 16 | 5 | 4 | 10 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 20 | 65 | 64 | 90 | 19 | 1 | 4 | 11 | 4 | 4 | 3 |
| Death rate attributable to tobacco | - | 13 | 48 | 33 | 47 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 64 | 73 | 52 | 53 | 62 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 31 | 191 | 586 | 1,389 | 2,668 | 249 | 44 | 190 | 449 | 932 | 1,429 | 228 |
| Death rate attributable to tobacco | - | 24 | 56 | 37 | 71 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 10 | 3 | 3 | 7 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 81 | 412 | 1,254 | 3,078 | 7,746 | 576 | 82 | 348 | 1,114 | 3,234 | 8,534 | 677 |
| Death rate attributable to tobacco | - | 78 | 106 | 48 | 19 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 8 | 2 | 0 | 7 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 20 | 173 | 545 | 1,228 | 2,346 | 221 | 11 | 85 | 334 | 807 | 1,886 | 166 |
| Death rate attributable to tobacco | - | 31 | 44 | 18 | 5 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 8 | 2 | 0 | 7 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 32 | 146 | 431 | 1,023 | 2,443 | 196 | 35 | 137 | 437 | 1,282 | 3,202 | 265 |
| Death rate attributable to tobacco | - | 27 | 34 | 14 | 5 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 8 | 1 | 0 | 6 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 30 | 93 | 278 | 827 | 2,957 | 159 | 36 | 126 | 342 | 1,146 | 3,445 | 246 |
| Death rate attributable to tobacco | - | 20 | 28 | 16 | 8 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 10 | 2 | 0 | 6 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 34 | 141 | 441 | 965 | 1,813 | 185 | 30 | 73 | 202 | 490 | 1,098 | 117 |
| Death rate attributable to tobacco | - | 38 | 136 | 150 | 307 | 39 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 31 | 16 | 17 | 21 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 8 | 61 | 241 | 542 | 955 | 92 | 5 | 23 | 81 | 215 | 436 | 43 |
| Death rate attributable to tobacco | - | 31 | 119 | 138 | 276 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 51 | 50 | 25 | 29 | 37 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 26 | 80 | 200 | 423 | 858 | 94 | 25 | 50 | 121 | 274 | 662 | 74 |
| Death rate attributable to tobacco | - | 7 | 17 | 13 | 31 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 8 | 3 | 4 | 5 | - | - | - | - | - | - |

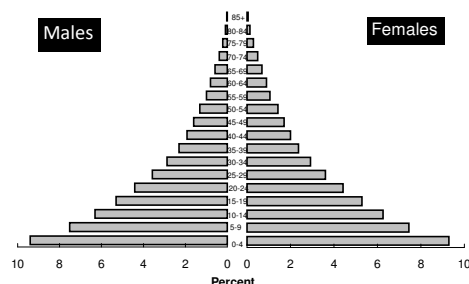
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Chad

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 3,585 | 3,563 | 7,147 |
| 30-44 | 696 | 714 | 1,410 |
| 45-59 | 383 | 411 | 795 |
| 60-69 | 137 | 155 | 292 |
| 70-79 | 59 | 78 | 137 |
| 80+ | 11 | 18 | 29 |
| Total | 4,872 | 4,939 | 9,810 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1253 per 100,000 population) was about 1.5 times that for communicable diseases (822 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 174 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 52% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (140 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 0% for women.

- Among those who died prematurely, almost one in every 92 deaths among those aged 30-44 and one in 19 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.5% of those whose death was due to a lower respiratory infection, 10.7% of deaths due to the category of 'all cardiovascular diseases combined', and 53.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,119 | 1,898 | 3,889 | 8,541 | 18,094 | 2,222 |
| Death rate attributable to tobacco | 12 | 101 | 196 | 138 | 222 | 68 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 5 | 2 | 1 | 3 |
| Death rate: Communicable diseases | 686 | 766 | 1,003 | 1,689 | 3,070 | 822 |
| Death rate attributable to tobacco | 3 | 16 | 29 | 16 | 34 | 11 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 3 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 131 | 113 | 109 | 134 | 124 | 123 |
| Death rate attributable to tobacco | 2 | 6 | 5 | 2 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 4 | 1 | 2 | 3 |
| Death rate: Lower respiratory infections | 37 | 184 | 471 | 878 | 1,809 | 191 |
| Death rate attributable to tobacco | 1 | 10 | 24 | 14 | 32 | 7 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 5 | 2 | 2 | 4 |
| Death rate: Noncommunicable diseases | 292 | 995 | 2,737 | 6,624 | 14,701 | 1,253 |
| Death rate attributable to tobacco | 9 | 85 | 168 | 122 | 188 | 57 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 6 | 2 | 1 | 5 |
| Death rate: All malignant neoplasms | 45 | 215 | 562 | 1,194 | 2,005 | 233 |
| Death rate attributable to tobacco | 1 | 20 | 49 | 31 | 49 | 14 |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 9 | 3 | 2 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 12 | 37 | 30 | 38 | 10 |
| Death rate attributable to tobacco | 0 | 7 | 23 | 15 | 19 | 5 |
| Proportion of deaths attributable to tobacco (%) | 9 | 54 | 61 | 48 | 51 | 52 |
| Death rate: All other malignant neoplasms | 44 | 203 | 525 | 1,163 | 1,966 | 223 |
| Death rate attributable to tobacco | 1 | 13 | 26 | 17 | 29 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 5 | 1 | 1 | 4 |
| Death rate: All Cardiovascular diseases | 97 | 402 | 1,209 | 3,265 | 8,185 | 561 |
| Death rate attributable to tobacco | 6 | 43 | 50 | 21 | 8 | 23 |
| Proportion of deaths attributable to tobacco (%) | 6 | 11 | 4 | 1 | 0 | 4 |
| Death rate: Ischaemic heart disease | 18 | 135 | 443 | 1,022 | 2,069 | 174 |
| Death rate attributable to tobacco | 2 | 17 | 21 | 8 | 2 | 9 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 5 | 1 | 0 | 5 |
| Death rate: Cerebrovascular disease | 39 | 151 | 449 | 1,216 | 2,924 | 210 |
| Death rate attributable to tobacco | 1 | 15 | 16 | 6 | 2 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 10 | 4 | 1 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 39 | 115 | 317 | 1,028 | 3,193 | 177 |
| Death rate attributable to tobacco | 3 | 11 | 13 | 7 | 3 | 7 |
| Proportion of deaths attributable to tobacco (%) | 8 | 9 | 4 | 1 | 0 | 4 |
| Death rate: Respiratory diseases | 38 | 112 | 320 | 715 | 1,391 | 141 |
| Death rate attributable to tobacco | 2 | 21 | 64 | 67 | 126 | 19 |
| Proportion of deaths attributable to tobacco (%) | 5 | 18 | 20 | 9 | 9 | 14 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 44 | 158 | 366 | 651 | 60 |
| Death rate attributable to tobacco | 1 | 17 | 56 | 61 | 114 | 16 |
| Proportion of deaths attributable to tobacco (%) | 17 | 38 | 36 | 17 | 17 | 27 |
| Death rate: Other respiratory diseases | 30 | 69 | 162 | 349 | 741 | 80 |
| Death rate attributable to tobacco | 0 | 4 | 8 | 6 | 13 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 5 | 2 | 2 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,184 | 2,228 | 4,477 | 9,376 | 19,533 | 2,384 | 1,057 | 1,590 | 3,371 | 7,906 | 17,164 | 2,071 |
| Death rate attributable to tobacco | 25 | 210 | 419 | 320 | 565 | 140 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 9 | 3 | 3 | 6 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 616 | 889 | 1,242 | 2,009 | 3,602 | 854 | 754 | 650 | 792 | 1,445 | 2,725 | 792 |
| Death rate attributable to tobacco | 6 | 34 | 61 | 38 | 87 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 5 | 2 | 2 | 3 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 194 | 178 | 163 | 208 | 210 | 187 | 69 | 52 | 62 | 78 | 68 | 64 |
| Death rate attributable to tobacco | 4 | 12 | 10 | 4 | 5 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 7 | 6 | 2 | 3 | 4 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 61 | 220 | 608 | 1,075 | 2,155 | 232 | 13 | 149 | 350 | 728 | 1,585 | 152 |
| Death rate attributable to tobacco | 2 | 21 | 51 | 33 | 81 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 8 | 3 | 4 | 6 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 329 | 1,117 | 3,028 | 7,045 | 15,569 | 1,294 | 257 | 881 | 2,482 | 6,303 | 14,140 | 1,214 |
| Death rate attributable to tobacco | 19 | 176 | 358 | 282 | 478 | 118 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 16 | 12 | 4 | 3 | 9 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 40 | 224 | 653 | 1,477 | 2,818 | 251 | 50 | 206 | 483 | 978 | 1,479 | 216 |
| Death rate attributable to tobacco | 2 | 41 | 105 | 72 | 124 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 18 | 16 | 5 | 4 | 12 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 21 | 66 | 65 | 92 | 18 | 1 | 4 | 12 | 4 | 4 | 3 |
| Death rate attributable to tobacco | 0 | 14 | 49 | 34 | 49 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 13 | 66 | 74 | 52 | 54 | 63 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 38 | 203 | 587 | 1,413 | 2,726 | 233 | 49 | 202 | 471 | 974 | 1,475 | 213 |
| Death rate attributable to tobacco | 2 | 27 | 56 | 38 | 75 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 13 | 10 | 3 | 3 | 8 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 103 | 439 | 1,256 | 3,126 | 7,755 | 533 | 91 | 367 | 1,167 | 3,371 | 8,464 | 587 |
| Death rate attributable to tobacco | 13 | 89 | 108 | 49 | 20 | 47 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 20 | 9 | 2 | 0 | 9 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 25 | 184 | 547 | 1,252 | 2,367 | 205 | 12 | 90 | 352 | 846 | 1,876 | 145 |
| Death rate attributable to tobacco | 3 | 36 | 45 | 19 | 5 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 8 | 2 | 0 | 9 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 40 | 157 | 433 | 1,045 | 2,464 | 184 | 39 | 146 | 462 | 1,345 | 3,221 | 233 |
| Death rate attributable to tobacco | 3 | 31 | 35 | 14 | 6 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 20 | 8 | 1 | 0 | 8 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 38 | 98 | 275 | 829 | 2,924 | 143 | 40 | 132 | 354 | 1,179 | 3,367 | 210 |
| Death rate attributable to tobacco | 6 | 23 | 28 | 16 | 9 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 23 | 10 | 2 | 0 | 10 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 43 | 150 | 442 | 982 | 1,833 | 177 | 33 | 77 | 212 | 511 | 1,106 | 107 |
| Death rate attributable to tobacco | 4 | 43 | 137 | 155 | 322 | 39 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 28 | 31 | 16 | 18 | 22 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 10 | 65 | 241 | 551 | 970 | 85 | 5 | 24 | 85 | 225 | 444 | 38 |
| Death rate attributable to tobacco | 3 | 35 | 120 | 142 | 289 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 26 | 53 | 50 | 26 | 30 | 40 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 33 | 86 | 201 | 431 | 862 | 92 | 27 | 53 | 127 | 287 | 662 | 69 |
| Death rate attributable to tobacco | 1 | 8 | 17 | 13 | 32 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 8 | 3 | 4 | 6 | - | - | - | - | - | - |

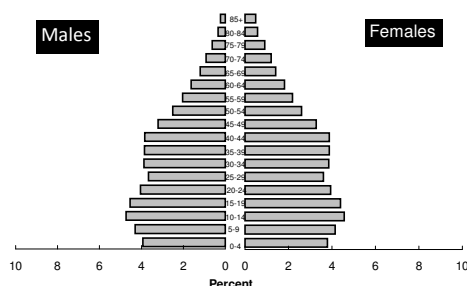
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Chile

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,065 | 3,942 | 8,007 |
| 30-44 | 1,866 | 1,872 | 3,739 |
| 45-59 | 1,250 | 1,301 | 2,551 |
| 60-69 | 454 | 521 | 974 |
| 70-79 | 249 | 339 | 587 |
| 80+ | 93 | 173 | 267 |
| Total | 7,977 | 8,147 | 16,124 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (896 per 100,000 population) was about 11.4 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 119 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 29 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (132 per 100,000 men aged 30 years and over) compared with women (74 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 11% for men and 8% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 143 | 452 | 1,404 | 3,706 | 12,111 | 1,042 |
| Death rate attributable to tobacco | - | 38 | 167 | 442 | 1,143 | 102 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 12 | 12 | 9 | 10 |
| Death rate: Communicable diseases | 11 | 19 | 59 | 201 | 1,390 | 78 |
| Death rate attributable to tobacco | - | 1 | 4 | 20 | 185 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 10 | 13 | 10 |
| Death rate: Tuberculosis | 1 | 5 | 13 | 31 | 79 | 9 |
| Death rate attributable to tobacco | - | 0 | 1 | 3 | 9 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 8 | 10 | 11 | 8 |
| Death rate: Lower respiratory infections | 2 | 4 | 24 | 120 | 1,043 | 48 |
| Death rate attributable to tobacco | - | 0 | 3 | 17 | 176 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 12 | 14 | 17 | 16 |
| Death rate: Noncommunicable diseases | 81 | 374 | 1,267 | 3,400 | 10,445 | 896 |
| Death rate attributable to tobacco | - | 38 | 163 | 422 | 959 | 93 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 13 | 12 | 9 | 10 |
| Death rate: All malignant neoplasms | 28 | 139 | 468 | 1,050 | 2,075 | 257 |
| Death rate attributable to tobacco | - | 15 | 82 | 186 | 293 | 38 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 18 | 18 | 14 | 15 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 16 | 67 | 134 | 166 | 29 |
| Death rate attributable to tobacco | - | 9 | 50 | 104 | 125 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 57 | 75 | 77 | 75 | 71 |
| Death rate: All other malignant neoplasms | 27 | 123 | 401 | 916 | 1,908 | 228 |
| Death rate attributable to tobacco | - | 6 | 32 | 83 | 168 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 9 | 9 | 8 |
| Death rate: All Cardiovascular diseases | 17 | 100 | 383 | 1,225 | 4,545 | 323 |
| Death rate attributable to tobacco | - | 19 | 52 | 106 | 148 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 14 | 9 | 3 | 8 |
| Death rate: Ischaemic heart disease | 4 | 42 | 172 | 486 | 1,453 | 119 |
| Death rate attributable to tobacco | - | 8 | 22 | 38 | 56 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 13 | 8 | 4 | 8 |
| Death rate: Cerebrovascular disease | 7 | 32 | 118 | 417 | 1,485 | 106 |
| Death rate attributable to tobacco | - | 6 | 16 | 37 | 7 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 13 | 9 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 7 | 26 | 93 | 323 | 1,607 | 98 |
| Death rate attributable to tobacco | - | 5 | 14 | 31 | 84 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 15 | 10 | 5 | 9 |
| Death rate: Respiratory diseases | 3 | 13 | 68 | 262 | 964 | 64 |
| Death rate attributable to tobacco | - | 3 | 24 | 115 | 485 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 36 | 44 | 50 | 44 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 35 | 160 | 643 | 39 |
| Death rate attributable to tobacco | - | 2 | 20 | 101 | 430 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 58 | 63 | 67 | 64 |
| Death rate: Other respiratory diseases | 2 | 8 | 33 | 102 | 321 | 25 |
| Death rate attributable to tobacco | - | 1 | 4 | 14 | 54 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 12 | 14 | 17 | 14 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 202 | 588 | 1,847 | 4,945 | 15,831 | 1,190 | 83 | 321 | 1,018 | 2,797 | 10,108 | 904 |
| Death rate attributable to tobacco | - | 64 | 263 | 681 | 1,570 | 132 | - | 14 | 83 | 266 | 914 | 74 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 14 | 14 | 10 | 11 | - | 4 | 8 | 10 | 9 | 8 |
| <u>Death rate: Communicable diseases</u> | 17 | 28 | 77 | 277 | 1,800 | 87 | 5 | 10 | 43 | 146 | 1,170 | 71 |
| Death rate attributable to tobacco | - | 1 | 7 | 30 | 225 | 8 | - | 0 | 2 | 13 | 163 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 11 | 13 | 10 | - | 2 | 4 | 9 | 14 | 11 |
| <i>Death rate: Tuberculosis</i> | 2 | 7 | 19 | 47 | 146 | 12 | 0 | 3 | 8 | 19 | 43 | 5 |
| Death rate attributable to tobacco | - | 1 | 2 | 5 | 16 | 1 | - | 0 | 0 | 1 | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 11 | 11 | 9 | - | 2 | 5 | 7 | 10 | 7 |
| <i>Death rate: Lower respiratory infections</i> | 2 | 6 | 34 | 167 | 1,351 | 50 | 1 | 2 | 15 | 85 | 877 | 46 |
| Death rate attributable to tobacco | - | 1 | 5 | 25 | 209 | 7 | - | 0 | 1 | 11 | 158 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 14 | 15 | 15 | 15 | - | 5 | 10 | 13 | 18 | 17 |
| <u>Death rate: Noncommunicable diseases</u> | 95 | 456 | 1,626 | 4,486 | 13,649 | 990 | 67 | 295 | 953 | 2,604 | 8,720 | 808 |
| Death rate attributable to tobacco | - | 62 | 256 | 651 | 1,344 | 123 | - | 14 | 81 | 254 | 751 | 66 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 16 | 15 | 10 | 12 | - | 5 | 9 | 10 | 9 | 8 |
| <i>Death rate: All malignant neoplasms</i> | 23 | 133 | 561 | 1,411 | 3,087 | 282 | 33 | 145 | 386 | 786 | 1,530 | 234 |
| Death rate attributable to tobacco | - | 26 | 142 | 331 | 523 | 58 | - | 4 | 30 | 80 | 169 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 25 | 23 | 17 | 21 | - | 3 | 8 | 10 | 11 | 8 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 23 | 101 | 216 | 274 | 40 | 1 | 10 | 37 | 74 | 108 | 19 |
| Death rate attributable to tobacco | - | 16 | 84 | 185 | 232 | 32 | - | 3 | 20 | 44 | 68 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 69 | 83 | 86 | 85 | 80 | - | 31 | 55 | 60 | 63 | 53 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 110 | 460 | 1,195 | 2,813 | 242 | 32 | 135 | 349 | 711 | 1,422 | 215 |
| Death rate attributable to tobacco | - | 10 | 58 | 146 | 291 | 26 | - | 1 | 10 | 36 | 101 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 13 | 12 | 10 | 11 | - | 1 | 3 | 5 | 7 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 23 | 136 | 527 | 1,643 | 5,673 | 355 | 12 | 66 | 257 | 919 | 3,938 | 294 |
| Death rate attributable to tobacco | - | 31 | 73 | 131 | 65 | 28 | - | 8 | 34 | 87 | 192 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 14 | 8 | 1 | 8 | - | 12 | 13 | 10 | 5 | 7 |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 65 | 261 | 704 | 2,014 | 147 | 1 | 19 | 95 | 326 | 1,151 | 92 |
| Death rate attributable to tobacco | - | 14 | 35 | 55 | 21 | 13 | - | 2 | 11 | 26 | 75 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 13 | 8 | 1 | 9 | - | 10 | 12 | 8 | 7 | 8 |
| <i>Death rate: Cerebrovascular disease</i> | 7 | 37 | 150 | 536 | 1,825 | 110 | 6 | 28 | 89 | 329 | 1,302 | 103 |
| Death rate attributable to tobacco | - | 8 | 20 | 37 | 19 | 8 | - | 4 | 12 | 36 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 13 | 7 | 1 | 7 | - | 13 | 14 | 11 | - | 5 |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 33 | 116 | 403 | 1,834 | 98 | 4 | 18 | 73 | 263 | 1,484 | 99 |
| Death rate attributable to tobacco | - | 9 | 19 | 38 | 24 | 8 | - | 2 | 10 | 25 | 117 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 16 | 10 | 1 | 8 | - | 12 | 14 | 10 | 8 | 9 |
| <u>Death rate: Respiratory diseases</u> | 4 | 16 | 86 | 356 | 1,386 | 73 | 1 | 10 | 52 | 193 | 737 | 56 |
| Death rate attributable to tobacco | - | 4 | 35 | 169 | 712 | 33 | - | 2 | 14 | 76 | 362 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 41 | 47 | 51 | 46 | - | 16 | 28 | 39 | 49 | 42 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 5 | 48 | 230 | 975 | 45 | 0 | 4 | 23 | 109 | 464 | 32 |
| Death rate attributable to tobacco | - | 3 | 30 | 150 | 649 | 29 | - | 1 | 12 | 65 | 313 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 57 | 63 | 65 | 67 | 65 | - | 31 | 50 | 59 | 67 | 62 |
| <i>Death rate: Other respiratory diseases</i> | 3 | 11 | 38 | 127 | 410 | 27 | 1 | 6 | 28 | 84 | 273 | 24 |
| Death rate attributable to tobacco | - | 1 | 5 | 19 | 63 | 4 | - | 0 | 3 | 11 | 49 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 14 | 15 | 15 | 14 | - | 5 | 10 | 13 | 18 | 14 |

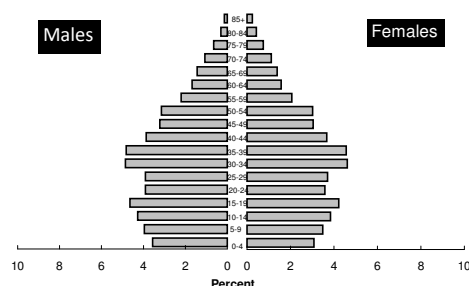
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

China

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|------------------|
| 0-29 | 318,179 | 287,452 | 605,631 |
| 30-44 | 177,779 | 168,602 | 346,382 |
| 45-59 | 112,411 | 106,535 | 218,946 |
| 60-69 | 40,896 | 38,783 | 79,678 |
| 70-79 | 22,525 | 24,484 | 47,009 |
| 80+ | 5,864 | 8,924 | 14,787 |
| Total | 677,653 | 634,779 | 1,312,433 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1018 per 100,000 population) was about 13.9 times that for communicable diseases (73 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 102 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 54 deaths per 100,000 population but with 48% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (153 per 100,000 men aged 30 years and over) compared with women (121 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 12% for men and 11% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 12 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.9% of those whose death was due to a lower respiratory infection, 8.3% of deaths due to the category of 'all cardiovascular diseases combined', and 37.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 171 | 617 | 2,033 | 5,422 | 15,288 | 1,185 |
| Death rate attributable to tobacco | 15 | 52 | 207 | 792 | 1,798 | 137 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 10 | 15 | 12 | 12 |
| Death rate: Communicable diseases | 23 | 48 | 118 | 233 | 882 | 73 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 9 | 43 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 2 | 2 | 4 | 5 | 4 |
| Death rate: Tuberculosis | 9 | 20 | 68 | 117 | 140 | 29 |
| Death rate attributable to tobacco | 1 | 0 | 2 | 4 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | 10 | 2 | 2 | 4 | 4 | 4 |
| Death rate: Lower respiratory infections | 2 | 5 | 23 | 85 | 614 | 24 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 5 | 36 | 1 |
| Proportion of deaths attributable to tobacco (%) | 14 | 4 | 4 | 6 | 6 | 6 |
| Death rate: Noncommunicable diseases | 82 | 481 | 1,789 | 5,008 | 14,023 | 1,018 |
| Death rate attributable to tobacco | 14 | 51 | 205 | 782 | 1,754 | 134 |
| Proportion of deaths attributable to tobacco (%) | 17 | 11 | 11 | 16 | 13 | 13 |
| Death rate: All malignant neoplasms | 39 | 209 | 562 | 1,067 | 1,354 | 247 |
| Death rate attributable to tobacco | 7 | 28 | 95 | 225 | 216 | 42 |
| Proportion of deaths attributable to tobacco (%) | 19 | 13 | 17 | 21 | 16 | 17 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 40 | 140 | 268 | 249 | 54 |
| Death rate attributable to tobacco | 2 | 15 | 64 | 151 | 129 | 26 |
| Proportion of deaths attributable to tobacco (%) | 39 | 38 | 46 | 56 | 52 | 48 |
| Death rate: All other malignant neoplasms | 33 | 170 | 423 | 800 | 1,105 | 193 |
| Death rate attributable to tobacco | 5 | 13 | 30 | 74 | 87 | 17 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 7 | 9 | 8 | 9 |
| Death rate: All Cardiovascular diseases | 20 | 163 | 738 | 2,316 | 7,502 | 454 |
| Death rate attributable to tobacco | 6 | 13 | 30 | 98 | 60 | 18 |
| Proportion of deaths attributable to tobacco (%) | 29 | 8 | 4 | 4 | 1 | 4 |
| Death rate: Ischaemic heart disease | 5 | 32 | 165 | 519 | 1,736 | 102 |
| Death rate attributable to tobacco | 2 | 3 | 6 | 19 | 24 | 4 |
| Proportion of deaths attributable to tobacco (%) | 31 | 8 | 4 | 4 | 1 | 4 |
| Death rate: Cerebrovascular disease | 9 | 98 | 434 | 1,337 | 3,995 | 256 |
| Death rate attributable to tobacco | 2 | 8 | 17 | 59 | 5 | 10 |
| Proportion of deaths attributable to tobacco (%) | 26 | 8 | 4 | 4 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 6 | 33 | 139 | 460 | 1,771 | 96 |
| Death rate attributable to tobacco | 2 | 3 | 6 | 21 | 31 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 9 | 5 | 5 | 2 | 5 |
| Death rate: Respiratory diseases | 4 | 45 | 317 | 1,194 | 4,130 | 217 |
| Death rate attributable to tobacco | 1 | 10 | 80 | 455 | 1,473 | 73 |
| Proportion of deaths attributable to tobacco (%) | 22 | 21 | 25 | 38 | 36 | 34 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 35 | 290 | 1,126 | 3,844 | 199 |
| Death rate attributable to tobacco | 1 | 9 | 79 | 451 | 1,457 | 72 |
| Proportion of deaths attributable to tobacco (%) | 50 | 27 | 27 | 40 | 38 | 36 |
| Death rate: Other respiratory diseases | 3 | 10 | 26 | 68 | 286 | 18 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 4 | 16 | 1 |
| Proportion of deaths attributable to tobacco (%) | 12 | 4 | 4 | 7 | 6 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 204 | 757 | 2,479 | 6,147 | 15,715 | 1,261 | 137 | 468 | 1,562 | 4,755 | 15,008 | 1,105 |
| Death rate attributable to tobacco | 26 | 88 | 284 | 790 | 1,892 | 153 | 3 | 14 | 126 | 794 | 1,735 | 121 |
| Proportion of deaths attributable to tobacco (%) | 13 | 12 | 11 | 13 | 12 | 12 | 3 | 3 | 8 | 17 | 12 | 11 |
| <u>Death rate: Communicable diseases</u> | 32 | 70 | 170 | 317 | 916 | 92 | 13 | 24 | 64 | 155 | 859 | 54 |
| Death rate attributable to tobacco | 2 | 1 | 4 | 10 | 39 | 3 | 0 | 0 | 1 | 9 | 46 | 2 |
| Proportion of deaths attributable to tobacco (%) | 7 | 2 | 2 | 3 | 4 | 3 | 2 | 1 | 2 | 6 | 5 | 4 |
| <i>Death rate: Tuberculosis</i> | 11 | 25 | 95 | 172 | 255 | 39 | 6 | 16 | 41 | 67 | 64 | 19 |
| Death rate attributable to tobacco | 2 | 1 | 2 | 5 | 9 | 2 | 0 | 0 | 1 | 3 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 14 | 3 | 3 | 3 | 4 | 5 | 2 | 1 | 2 | 5 | 3 | 2 |
| <i>Death rate: Lower respiratory infections</i> | 3 | 7 | 32 | 106 | 561 | 23 | 2 | 3 | 14 | 66 | 649 | 25 |
| Death rate attributable to tobacco | 1 | 0 | 1 | 5 | 29 | 1 | 0 | 0 | 0 | 6 | 40 | 2 |
| Proportion of deaths attributable to tobacco (%) | 19 | 5 | 4 | 4 | 5 | 5 | 4 | 1 | 3 | 9 | 6 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 93 | 581 | 2,151 | 5,620 | 14,366 | 1,059 | 71 | 375 | 1,406 | 4,444 | 13,798 | 974 |
| Death rate attributable to tobacco | 24 | 86 | 281 | 780 | 1,853 | 150 | 3 | 14 | 125 | 784 | 1,689 | 118 |
| Proportion of deaths attributable to tobacco (%) | 26 | 15 | 13 | 14 | 13 | 14 | 5 | 4 | 9 | 18 | 12 | 12 |
| <i>Death rate: All malignant neoplasms</i> | 44 | 268 | 732 | 1,372 | 1,815 | 304 | 33 | 148 | 383 | 787 | 1,051 | 187 |
| Death rate attributable to tobacco | 13 | 50 | 152 | 323 | 395 | 66 | 1 | 4 | 34 | 135 | 99 | 18 |
| Proportion of deaths attributable to tobacco (%) | 29 | 19 | 21 | 24 | 22 | 22 | 4 | 3 | 9 | 17 | 9 | 10 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 7 | 54 | 193 | 371 | 410 | 72 | 4 | 25 | 84 | 172 | 143 | 35 |
| Death rate attributable to tobacco | 3 | 26 | 103 | 224 | 253 | 40 | 1 | 3 | 24 | 84 | 48 | 11 |
| Proportion of deaths attributable to tobacco (%) | 52 | 49 | 54 | 60 | 62 | 55 | 16 | 12 | 28 | 49 | 34 | 32 |
| <i>Death rate: All other malignant neoplasms</i> | 38 | 214 | 540 | 1,000 | 1,405 | 233 | 29 | 123 | 299 | 615 | 908 | 152 |
| Death rate attributable to tobacco | 9 | 24 | 49 | 99 | 142 | 26 | 1 | 1 | 10 | 51 | 51 | 7 |
| Proportion of deaths attributable to tobacco (%) | 25 | 11 | 9 | 10 | 10 | 11 | 2 | 1 | 3 | 8 | 6 | 5 |
| <i>Death rate: All Cardiovascular diseases</i> | 22 | 187 | 865 | 2,508 | 7,378 | 445 | 18 | 137 | 604 | 2,139 | 7,583 | 464 |
| Death rate attributable to tobacco | 10 | 21 | 31 | 52 | 25 | 19 | 1 | 6 | 29 | 141 | 83 | 18 |
| Proportion of deaths attributable to tobacco (%) | 46 | 11 | 4 | 2 | 0 | 4 | 8 | 4 | 5 | 7 | 1 | 4 |
| <i>Death rate: Ischaemic heart disease</i> | 5 | 41 | 196 | 573 | 1,704 | 101 | 5 | 23 | 133 | 469 | 1,756 | 102 |
| Death rate attributable to tobacco | 3 | 4 | 7 | 12 | 5 | 4 | 0 | 1 | 6 | 25 | 36 | 4 |
| Proportion of deaths attributable to tobacco (%) | 53 | 11 | 4 | 2 | 0 | 4 | 5 | 3 | 4 | 5 | 2 | 4 |
| <i>Death rate: Cerebrovascular disease</i> | 11 | 111 | 522 | 1,473 | 4,001 | 257 | 8 | 84 | 340 | 1,212 | 3,992 | 255 |
| Death rate attributable to tobacco | 4 | 12 | 18 | 28 | 13 | 10 | 1 | 4 | 17 | 87 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 35 | 11 | 3 | 2 | 0 | 4 | 12 | 4 | 5 | 7 | - | 4 |
| <i>Death rate: Other cardiovascular diseases</i> | 6 | 35 | 147 | 463 | 1,673 | 87 | 6 | 30 | 132 | 458 | 1,836 | 106 |
| Death rate attributable to tobacco | 3 | 4 | 6 | 12 | 7 | 5 | 0 | 1 | 7 | 29 | 47 | 5 |
| Proportion of deaths attributable to tobacco (%) | 59 | 13 | 4 | 3 | 0 | 5 | 6 | 4 | 5 | 6 | 3 | 4 |
| <u>Death rate: Respiratory diseases</u> | 4 | 53 | 365 | 1,295 | 4,120 | 208 | 4 | 37 | 266 | 1,100 | 4,136 | 227 |
| Death rate attributable to tobacco | 1 | 15 | 97 | 403 | 1,429 | 65 | 0 | 4 | 61 | 503 | 1,503 | 82 |
| Proportion of deaths attributable to tobacco (%) | 32 | 29 | 27 | 31 | 35 | 31 | 12 | 10 | 23 | 46 | 36 | 36 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 41 | 332 | 1,224 | 3,816 | 190 | 1 | 29 | 247 | 1,037 | 3,863 | 209 |
| Death rate attributable to tobacco | 1 | 15 | 96 | 400 | 1,413 | 64 | 0 | 4 | 60 | 498 | 1,485 | 81 |
| Proportion of deaths attributable to tobacco (%) | 71 | 36 | 29 | 33 | 37 | 34 | 30 | 12 | 24 | 48 | 38 | 39 |
| <i>Death rate: Other respiratory diseases</i> | 3 | 12 | 33 | 71 | 304 | 19 | 3 | 8 | 19 | 64 | 274 | 17 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 3 | 16 | 1 | 0 | 0 | 1 | 6 | 17 | 1 |
| Proportion of deaths attributable to tobacco (%) | 19 | 5 | 4 | 4 | 5 | 6 | 4 | 1 | 3 | 9 | 6 | 6 |

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

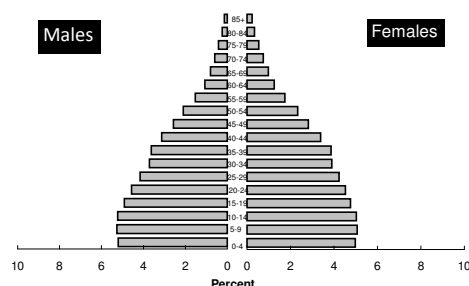
Note 4: For additional discussion on China, men and women differential, please refer to strenghts and limitations section of the Technical Note

Colombia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 13,004 | 12,677 | 25,681 |
| 30-44 | 4,636 | 4,940 | 9,576 |
| 45-59 | 2,743 | 3,050 | 5,793 |
| 60-69 | 830 | 990 | 1,820 |
| 70-79 | 448 | 575 | 1,023 |
| 80+ | 171 | 254 | 424 |
| Total | 21,831 | 22,486 | 44,317 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (740 per 100,000 population) was about 8.3 times that for communicable diseases (89 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 164 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 21 deaths per 100,000 population but with 65% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (106 per 100,000 men aged 30 years and over) compared with women (65 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 8% for women.

- Among those who died prematurely, almost one in every 436 deaths among those aged 30-44 and one in 15 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 6.5% of those whose death was due to a lower respiratory infection, 14.2% of deaths due to the category of 'all cardiovascular diseases combined', and 49.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 339 | 564 | 1,802 | 4,387 | 10,324 | 1,001 |
| Death rate attributable to tobacco | 1 | 39 | 248 | 559 | 736 | 84 |
| Proportion of deaths attributable to tobacco (%) | 0 | 7 | 14 | 13 | 7 | 8 |
| Death rate: Communicable diseases | 57 | 50 | 110 | 262 | 851 | 89 |
| Death rate attributable to tobacco | 0 | 1 | 7 | 19 | 40 | 3 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 6 | 7 | 5 | 3 |
| Death rate: Tuberculosis | 7 | 13 | 26 | 43 | 56 | 14 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 4 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 0 | 5 | 8 | 8 | 6 | 5 |
| Death rate: Lower respiratory infections | 7 | 6 | 38 | 119 | 461 | 26 |
| Death rate attributable to tobacco | 0 | 0 | 5 | 16 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 12 | 13 | 8 | 9 |
| Death rate: Noncommunicable diseases | 81 | 382 | 1,552 | 3,961 | 9,253 | 740 |
| Death rate attributable to tobacco | 1 | 38 | 241 | 540 | 696 | 81 |
| Proportion of deaths attributable to tobacco (%) | 1 | 10 | 16 | 14 | 8 | 11 |
| Death rate: All malignant neoplasms | 31 | 136 | 460 | 923 | 1,377 | 185 |
| Death rate attributable to tobacco | 0 | 12 | 79 | 146 | 134 | 23 |
| Proportion of deaths attributable to tobacco (%) | 1 | 9 | 17 | 16 | 10 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 14 | 66 | 119 | 114 | 21 |
| Death rate attributable to tobacco | 0 | 7 | 50 | 89 | 73 | 14 |
| Proportion of deaths attributable to tobacco (%) | 5 | 49 | 75 | 75 | 64 | 65 |
| Death rate: All other malignant neoplasms | 29 | 122 | 394 | 803 | 1,262 | 164 |
| Death rate attributable to tobacco | 0 | 5 | 30 | 57 | 60 | 9 |
| Proportion of deaths attributable to tobacco (%) | 0 | 4 | 8 | 7 | 5 | 6 |
| Death rate: All Cardiovascular diseases | 23 | 143 | 646 | 1,835 | 4,967 | 333 |
| Death rate attributable to tobacco | 0 | 20 | 93 | 149 | 61 | 25 |
| Proportion of deaths attributable to tobacco (%) | 2 | 14 | 14 | 8 | 1 | 8 |
| Death rate: Ischaemic heart disease | 9 | 74 | 348 | 919 | 2,284 | 164 |
| Death rate attributable to tobacco | 0 | 10 | 47 | 67 | 32 | 12 |
| Proportion of deaths attributable to tobacco (%) | 1 | 14 | 13 | 7 | 1 | 7 |
| Death rate: Cerebrovascular disease | 6 | 39 | 159 | 461 | 1,220 | 84 |
| Death rate attributable to tobacco | 0 | 5 | 24 | 42 | 3 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 14 | 15 | 9 | 0 | 8 |
| Death rate: Other cardiovascular diseases | 7 | 31 | 140 | 455 | 1,463 | 85 |
| Death rate attributable to tobacco | 0 | 5 | 23 | 41 | 26 | 7 |
| Proportion of deaths attributable to tobacco (%) | 2 | 15 | 16 | 9 | 2 | 8 |
| Death rate: Respiratory diseases | 4 | 18 | 125 | 439 | 1,177 | 71 |
| Death rate attributable to tobacco | 0 | 5 | 61 | 229 | 485 | 31 |
| Proportion of deaths attributable to tobacco (%) | 3 | 27 | 49 | 52 | 41 | 44 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 11 | 97 | 363 | 992 | 56 |
| Death rate attributable to tobacco | 0 | 5 | 58 | 219 | 471 | 30 |
| Proportion of deaths attributable to tobacco (%) | 7 | 40 | 59 | 60 | 47 | 53 |
| Death rate: Other respiratory diseases | 3 | 7 | 28 | 76 | 184 | 15 |
| Death rate attributable to tobacco | 0 | 0 | 3 | 10 | 15 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 12 | 13 | 8 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|--------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 548 | 743 | 2,172 | 5,278 | 11,621 | 1,215 | 143 | 404 | 1,493 | 3,693 | 9,452 | 809 |
| Death rate attributable to tobacco | - | 63 | 316 | 684 | 1,129 | 106 | 2 | 17 | 191 | 462 | 472 | 65 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 15 | 13 | 10 | 9 | 1 | 4 | 13 | 13 | 5 | 8 |
| <u>Death rate: Communicable diseases</u> | 81 | 77 | 139 | 317 | 900 | 113 | 34 | 26 | 86 | 219 | 818 | 68 |
| Death rate attributable to tobacco | - | 2 | 9 | 21 | 58 | 4 | 0 | 0 | 5 | 17 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 7 | 6 | 3 | 0 | 1 | 6 | 8 | 3 | 4 |
| <i>Death rate: Tuberculosis</i> | 10 | 20 | 39 | 66 | 87 | 20 | 4 | 7 | 15 | 25 | 35 | 8 |
| Death rate attributable to tobacco | - | 1 | 4 | 6 | 7 | 1 | 0 | 0 | 1 | 2 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 9 | 8 | 8 | 5 | 1 | 2 | 7 | 8 | 3 | 4 |
| <i>Death rate: Lower respiratory infections</i> | 12 | 8 | 44 | 137 | 481 | 29 | 3 | 4 | 32 | 104 | 448 | 24 |
| Death rate attributable to tobacco | - | 1 | 6 | 16 | 52 | 3 | 0 | 0 | 4 | 15 | 27 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 13 | 12 | 11 | 9 | 3 | 4 | 12 | 15 | 6 | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 85 | 422 | 1,780 | 4,686 | 10,369 | 781 | 78 | 345 | 1,361 | 3,396 | 8,503 | 703 |
| Death rate attributable to tobacco | - | 61 | 307 | 663 | 1,071 | 102 | 1 | 17 | 186 | 445 | 444 | 62 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 17 | 14 | 10 | 13 | 2 | 5 | 14 | 13 | 5 | 9 |
| <i>Death rate: All malignant neoplasms</i> | 24 | 123 | 484 | 1,096 | 1,799 | 187 | 37 | 147 | 441 | 787 | 1,093 | 183 |
| Death rate attributable to tobacco | - | 21 | 121 | 219 | 269 | 34 | 0 | 4 | 45 | 89 | 43 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 25 | 20 | 15 | 18 | 1 | 3 | 10 | 11 | 4 | 7 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 19 | 93 | 170 | 195 | 28 | 2 | 9 | 44 | 80 | 60 | 14 |
| Death rate attributable to tobacco | - | 12 | 76 | 139 | 153 | 21 | 0 | 2 | 27 | 50 | 20 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 62 | 81 | 82 | 78 | 75 | 9 | 26 | 62 | 63 | 33 | 49 |
| <i>Death rate: All other malignant neoplasms</i> | 23 | 104 | 390 | 926 | 1,604 | 159 | 35 | 138 | 397 | 707 | 1,033 | 169 |
| Death rate attributable to tobacco | - | 9 | 45 | 80 | 116 | 13 | 0 | 1 | 17 | 39 | 23 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 11 | 9 | 7 | 8 | 1 | 1 | 4 | 6 | 2 | 3 |
| <i>Death rate: All Cardiovascular diseases</i> | 28 | 177 | 795 | 2,198 | 5,335 | 359 | 18 | 113 | 522 | 1,552 | 4,719 | 310 |
| Death rate attributable to tobacco | - | 31 | 101 | 136 | 40 | 27 | 1 | 10 | 87 | 160 | 76 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 13 | 6 | 1 | 7 | 4 | 9 | 17 | 10 | 2 | 8 |
| <i>Death rate: Ischaemic heart disease</i> | 14 | 104 | 460 | 1,201 | 2,596 | 194 | 5 | 47 | 253 | 699 | 2,073 | 137 |
| Death rate attributable to tobacco | - | 18 | 56 | 72 | 18 | 15 | 0 | 4 | 39 | 62 | 41 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 12 | 6 | 1 | 8 | 3 | 8 | 15 | 9 | 2 | 7 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 40 | 174 | 481 | 1,206 | 80 | 6 | 38 | 146 | 446 | 1,229 | 88 |
| Death rate attributable to tobacco | - | 7 | 21 | 26 | 8 | 6 | 0 | 4 | 26 | 54 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 12 | 5 | 1 | 7 | 7 | 10 | 18 | 12 | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 8 | 34 | 161 | 516 | 1,533 | 85 | 6 | 28 | 123 | 407 | 1,416 | 85 |
| Death rate attributable to tobacco | - | 7 | 23 | 37 | 13 | 6 | 0 | 3 | 22 | 43 | 34 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 15 | 7 | 1 | 8 | 3 | 10 | 18 | 11 | 2 | 8 |
| <i>Death rate: Respiratory diseases</i> | 4 | 23 | 150 | 566 | 1,460 | 80 | 3 | 14 | 104 | 341 | 986 | 62 |
| Death rate attributable to tobacco | - | 8 | 77 | 293 | 740 | 39 | 0 | 2 | 48 | 178 | 314 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 51 | 52 | 51 | 48 | 6 | 17 | 46 | 52 | 32 | 39 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 14 | 121 | 481 | 1,269 | 65 | 1 | 8 | 78 | 271 | 807 | 47 |
| Death rate attributable to tobacco | - | 7 | 74 | 283 | 720 | 37 | 0 | 2 | 44 | 168 | 303 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 49 | 61 | 59 | 57 | 57 | 20 | 26 | 57 | 62 | 38 | 48 |
| <i>Death rate: Other respiratory diseases</i> | 3 | 8 | 29 | 85 | 191 | 15 | 2 | 6 | 26 | 70 | 180 | 14 |
| Death rate attributable to tobacco | - | 1 | 4 | 10 | 21 | 1 | 0 | 0 | 3 | 10 | 11 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 13 | 12 | 11 | 10 | 3 | 4 | 12 | 15 | 6 | 9 |

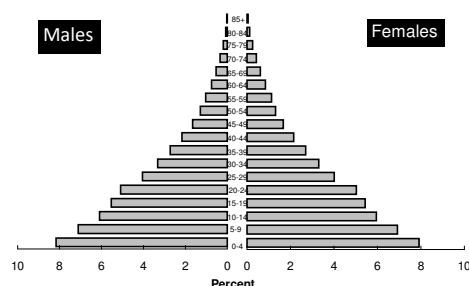
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Comoros

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 280 | 274 | 555 |
| 30-44 | 64 | 63 | 127 |
| 45-59 | 31 | 32 | 63 |
| 60-69 | 10 | 11 | 21 |
| 70-79 | 4 | 5 | 9 |
| 80+ | 1 | 1 | 2 |
| Total | 390 | 388 | 778 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (834 per 100,000 population) was about 2.7 times that for communicable diseases (306 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 115 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 28% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (40 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 346 | 1,009 | 2,780 | 6,793 | 17,641 | 1,212 |
| Death rate attributable to tobacco | - | 16 | 74 | 113 | 353 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 125 | 309 | 699 | 1,273 | 2,689 | 306 |
| Death rate attributable to tobacco | - | 2 | 9 | 11 | 44 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 13 | 16 | 20 | 28 | 25 | 15 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Lower respiratory infections | 24 | 127 | 381 | 719 | 1,649 | 133 |
| Death rate attributable to tobacco | - | 2 | 9 | 11 | 43 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 3 | 2 |
| Death rate: Noncommunicable diseases | 168 | 628 | 1,969 | 5,337 | 14,684 | 834 |
| Death rate attributable to tobacco | - | 14 | 65 | 102 | 309 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 2 | 2 |
| Death rate: All malignant neoplasms | 26 | 136 | 405 | 963 | 1,971 | 153 |
| Death rate attributable to tobacco | - | 4 | 25 | 40 | 122 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 4 | 6 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 6 | 22 | 40 | 61 | 7 |
| Death rate attributable to tobacco | - | 1 | 8 | 12 | 26 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 37 | 29 | 43 | 28 |
| Death rate: All other malignant neoplasms | 26 | 130 | 383 | 923 | 1,910 | 146 |
| Death rate attributable to tobacco | - | 3 | 17 | 28 | 96 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 3 | 5 | 3 |
| Death rate: All Cardiovascular diseases | 55 | 244 | 827 | 2,495 | 7,908 | 364 |
| Death rate attributable to tobacco | - | 6 | 14 | 13 | 11 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 10 | 85 | 317 | 818 | 2,068 | 115 |
| Death rate attributable to tobacco | - | 2 | 6 | 5 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 1 | 0 | 1 |
| Death rate: Cerebrovascular disease | 23 | 95 | 320 | 970 | 2,881 | 140 |
| Death rate attributable to tobacco | - | 2 | 5 | 4 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 0 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 22 | 64 | 190 | 707 | 2,959 | 108 |
| Death rate attributable to tobacco | - | 1 | 3 | 4 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 22 | 71 | 231 | 578 | 1,395 | 93 |
| Death rate attributable to tobacco | - | 4 | 24 | 46 | 165 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 8 | 12 | 8 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 28 | 114 | 296 | 650 | 40 |
| Death rate attributable to tobacco | - | 3 | 22 | 42 | 147 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 19 | 14 | 23 | 16 |
| Death rate: Other respiratory diseases | 17 | 43 | 117 | 281 | 745 | 53 |
| Death rate attributable to tobacco | - | 0 | 2 | 4 | 19 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 397 | 1,209 | 3,344 | 7,685 | 20,748 | 1,327 | 294 | 814 | 2,286 | 6,109 | 15,692 | 1,101 |
| Death rate attributable to tobacco | - | 32 | 157 | 260 | 915 | 40 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 3 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 154 | 425 | 983 | 1,672 | 3,466 | 389 | 96 | 198 | 450 | 968 | 2,202 | 227 |
| Death rate attributable to tobacco | - | 4 | 19 | 25 | 114 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 18 | 24 | 30 | 42 | 43 | 22 | 7 | 8 | 12 | 16 | 14 | 8 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 2 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 4 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 44 | 178 | 566 | 991 | 2,191 | 182 | 4 | 78 | 218 | 511 | 1,308 | 86 |
| Death rate attributable to tobacco | - | 3 | 18 | 25 | 112 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 5 | 2 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 169 | 678 | 2,208 | 5,746 | 16,938 | 838 | 167 | 579 | 1,760 | 5,024 | 13,270 | 830 |
| Death rate attributable to tobacco | - | 28 | 138 | 234 | 801 | 36 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 4 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 20 | 137 | 476 | 1,205 | 2,960 | 162 | 32 | 135 | 343 | 778 | 1,350 | 144 |
| Death rate attributable to tobacco | - | 9 | 54 | 91 | 317 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 11 | 8 | 11 | 8 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 10 | 35 | 58 | 110 | 9 | 1 | 3 | 11 | 26 | 30 | 4 |
| Death rate attributable to tobacco | - | 2 | 18 | 27 | 68 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 51 | 47 | 62 | 41 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 20 | 127 | 441 | 1,147 | 2,849 | 153 | 31 | 132 | 332 | 752 | 1,320 | 139 |
| Death rate attributable to tobacco | - | 6 | 37 | 64 | 249 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 6 | 9 | 6 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 52 | 261 | 886 | 2,451 | 8,282 | 341 | 57 | 228 | 776 | 2,529 | 7,673 | 386 |
| Death rate attributable to tobacco | - | 11 | 29 | 31 | 29 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 1 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 13 | 113 | 398 | 1,017 | 2,568 | 133 | 8 | 59 | 247 | 666 | 1,754 | 98 |
| Death rate attributable to tobacco | - | 5 | 13 | 12 | 8 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 1 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 21 | 95 | 315 | 849 | 2,700 | 120 | 25 | 95 | 323 | 1,062 | 2,994 | 159 |
| Death rate attributable to tobacco | - | 4 | 10 | 9 | 9 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 1 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 53 | 173 | 585 | 3,015 | 87 | 25 | 75 | 206 | 801 | 2,924 | 129 |
| Death rate attributable to tobacco | - | 3 | 7 | 9 | 12 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 22 | 91 | 322 | 800 | 1,974 | 113 | 22 | 51 | 151 | 407 | 1,032 | 73 |
| Death rate attributable to tobacco | - | 8 | 52 | 106 | 429 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 16 | 13 | 22 | 13 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 40 | 176 | 449 | 1,032 | 55 | 4 | 16 | 60 | 179 | 410 | 26 |
| Death rate attributable to tobacco | - | 7 | 47 | 97 | 381 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 27 | 22 | 37 | 23 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 17 | 52 | 146 | 351 | 943 | 58 | 18 | 35 | 90 | 228 | 621 | 47 |
| Death rate attributable to tobacco | - | 1 | 5 | 9 | 48 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 5 | 2 | - | - | - | - | - | - |

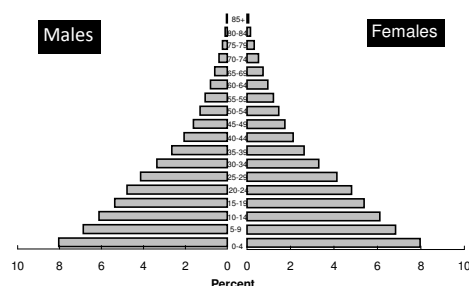
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Congo

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,246 | 1,244 | 2,490 |
| 30-44 | 285 | 284 | 568 |
| 45-59 | 140 | 156 | 296 |
| 60-69 | 49 | 60 | 109 |
| 70-79 | 22 | 30 | 53 |
| 80+ | 5 | 8 | 13 |
| Total | 1,748 | 1,782 | 3,530 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (949 per 100,000 population) was about 1 times that for communicable diseases (944 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 137 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 67% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (147 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,073 | 1,709 | 3,268 | 7,414 | 17,398 | 2,017 |
| Death rate attributable to tobacco | - | 67 | 215 | 399 | 698 | 71 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 5 | 4 | 4 |
| Death rate: Communicable diseases | 898 | 865 | 870 | 1,470 | 3,186 | 944 |
| Death rate attributable to tobacco | - | 8 | 27 | 54 | 155 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 4 | 5 | 1 |
| Death rate: Tuberculosis | 108 | 137 | 147 | 165 | 147 | 124 |
| Death rate attributable to tobacco | - | 7 | 8 | 11 | 13 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 6 | 9 | 3 |
| Death rate: Lower respiratory infections | 4 | 42 | 264 | 692 | 1,869 | 101 |
| Death rate attributable to tobacco | - | 2 | 19 | 43 | 141 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 6 | 8 | 6 |
| Death rate: Noncommunicable diseases | 84 | 719 | 2,217 | 5,673 | 13,790 | 949 |
| Death rate attributable to tobacco | - | 59 | 188 | 345 | 543 | 61 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 6 | 4 | 6 |
| Death rate: All malignant neoplasms | 14 | 156 | 455 | 1,021 | 1,827 | 175 |
| Death rate attributable to tobacco | - | 14 | 60 | 113 | 194 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 13 | 11 | 11 | 11 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 11 | 48 | 94 | 137 | 15 |
| Death rate attributable to tobacco | - | 6 | 34 | 65 | 99 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 59 | 70 | 68 | 72 | 67 |
| Death rate: All other malignant neoplasms | 13 | 145 | 408 | 927 | 1,690 | 160 |
| Death rate attributable to tobacco | - | 8 | 27 | 48 | 95 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 5 | 6 | 5 |
| Death rate: All Cardiovascular diseases | 28 | 291 | 979 | 2,799 | 7,747 | 443 |
| Death rate attributable to tobacco | - | 29 | 60 | 78 | 37 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 6 | 3 | 0 | 4 |
| Death rate: Ischaemic heart disease | 5 | 98 | 357 | 869 | 1,933 | 137 |
| Death rate attributable to tobacco | - | 12 | 25 | 30 | 10 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 7 | 3 | 1 | 6 |
| Death rate: Cerebrovascular disease | 11 | 108 | 358 | 1,027 | 2,720 | 162 |
| Death rate attributable to tobacco | - | 10 | 19 | 22 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 5 | 2 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 11 | 86 | 264 | 903 | 3,095 | 144 |
| Death rate attributable to tobacco | - | 8 | 16 | 26 | 17 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 6 | 3 | 1 | 4 |
| Death rate: Respiratory diseases | 10 | 80 | 259 | 611 | 1,292 | 103 |
| Death rate attributable to tobacco | - | 14 | 64 | 144 | 291 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 25 | 24 | 23 | 21 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 31 | 128 | 313 | 598 | 47 |
| Death rate attributable to tobacco | - | 12 | 55 | 124 | 238 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 43 | 40 | 40 | 39 |
| Death rate: Other respiratory diseases | 8 | 49 | 131 | 298 | 694 | 56 |
| Death rate attributable to tobacco | - | 3 | 9 | 20 | 53 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 7 | 8 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 989 | 1,924 | 3,841 | 8,227 | 18,833 | 2,036 | 1,158 | 1,515 | 2,795 | 6,815 | 16,515 | 2,001 |
| Death rate attributable to tobacco | - | 141 | 476 | 941 | 1,833 | 147 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 12 | 11 | 10 | 7 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 744 | 943 | 1,051 | 1,722 | 3,692 | 903 | 1,053 | 796 | 721 | 1,284 | 2,876 | 983 |
| Death rate attributable to tobacco | - | 18 | 60 | 128 | 408 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 7 | 11 | 2 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 147 | 219 | 207 | 278 | 274 | 180 | 70 | 63 | 98 | 82 | 68 | 72 |
| Death rate attributable to tobacco | - | 14 | 18 | 25 | 34 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 9 | 9 | 12 | 4 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 7 | 35 | 337 | 816 | 2,177 | 106 | 0 | 48 | 203 | 600 | 1,679 | 97 |
| Death rate attributable to tobacco | - | 3 | 41 | 102 | 370 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 12 | 13 | 17 | 13 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 99 | 787 | 2,535 | 6,152 | 14,682 | 949 | 70 | 657 | 1,954 | 5,320 | 13,241 | 949 |
| Death rate attributable to tobacco | - | 123 | 417 | 814 | 1,425 | 126 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 16 | 13 | 10 | 13 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 12 | 159 | 546 | 1,290 | 2,611 | 189 | 15 | 153 | 380 | 824 | 1,345 | 162 |
| Death rate attributable to tobacco | - | 29 | 133 | 266 | 510 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 24 | 21 | 20 | 20 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 0 | 20 | 92 | 183 | 302 | 26 | 0 | 2 | 12 | 29 | 36 | 4 |
| Death rate attributable to tobacco | - | 13 | 74 | 152 | 260 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 65 | 81 | 83 | 86 | 78 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 12 | 139 | 455 | 1,106 | 2,309 | 163 | 15 | 151 | 369 | 795 | 1,309 | 158 |
| Death rate attributable to tobacco | - | 16 | 59 | 113 | 251 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 13 | 10 | 11 | 11 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 31 | 311 | 1,052 | 2,732 | 7,362 | 405 | 25 | 274 | 919 | 2,848 | 7,984 | 479 |
| Death rate attributable to tobacco | - | 62 | 132 | 185 | 98 | 39 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 13 | 7 | 1 | 10 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 7 | 132 | 457 | 1,088 | 2,221 | 157 | 3 | 67 | 275 | 707 | 1,756 | 119 |
| Death rate attributable to tobacco | - | 25 | 55 | 71 | 26 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 12 | 7 | 1 | 10 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 12 | 109 | 360 | 903 | 2,310 | 136 | 11 | 107 | 358 | 1,119 | 2,972 | 186 |
| Death rate attributable to tobacco | - | 21 | 43 | 53 | 28 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 12 | 6 | 1 | 9 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 12 | 70 | 236 | 741 | 2,832 | 111 | 11 | 100 | 287 | 1,022 | 3,257 | 175 |
| Death rate attributable to tobacco | - | 16 | 35 | 61 | 44 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 15 | 8 | 2 | 10 | - | - | - | - | - | - |
| <i>Death rate: Respiratory diseases</i> | 13 | 106 | 370 | 856 | 1,720 | 129 | 8 | 57 | 167 | 431 | 1,029 | 80 |
| Death rate attributable to tobacco | - | 30 | 142 | 341 | 763 | 45 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 38 | 40 | 44 | 35 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 46 | 202 | 481 | 905 | 65 | 1 | 18 | 67 | 190 | 409 | 30 |
| Death rate attributable to tobacco | - | 24 | 122 | 293 | 625 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 53 | 60 | 61 | 69 | 59 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 10 | 60 | 168 | 375 | 815 | 64 | 7 | 39 | 100 | 241 | 620 | 49 |
| Death rate attributable to tobacco | - | 6 | 21 | 47 | 139 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 12 | 13 | 17 | 11 | - | - | - | - | - | - |

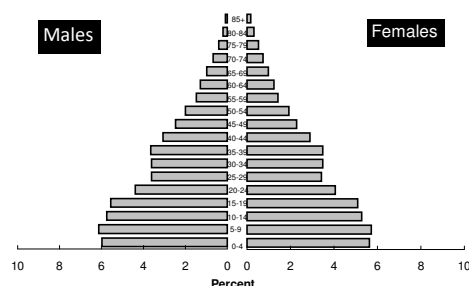
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cook Islands

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------|----------|-----------|
| 0-29 | 5 | 4 | 9 |
| 30-44 | 1 | 1 | 3 |
| 45-59 | 1 | 1 | 2 |
| 60-69 | 0 | 0 | 1 |
| 70-79 | 0 | 0 | 0 |
| 80+ | 0 | 0 | 0 |
| Total | 7 | 7 | 14 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (877 per 100,000 population) was about 4.7 times that for communicable diseases (188 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 152 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 51% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 8% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (72 per 100,000 men aged 30 years and over) compared with women (47 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 5% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 254 | 504 | 2,223 | 5,342 | 12,967 | 1,099 |
| Death rate attributable to tobacco | 8 | - | 135 | 312 | 1,135 | 60 |
| Proportion of deaths attributable to tobacco (%) | 3 | - | 6 | 6 | 9 | 5 |
| Death rate: Communicable diseases | 40 | 76 | 335 | 1,005 | 2,471 | 188 |
| Death rate attributable to tobacco | 1 | - | 3 | 16 | 107 | 4 |
| Proportion of deaths attributable to tobacco (%) | 2 | - | 1 | 2 | 4 | 2 |
| Death rate: Tuberculosis | 6 | 15 | 28 | 34 | 17 | 13 |
| Death rate attributable to tobacco | 0 | - | 1 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | - | 3 | 4 | 10 | 3 |
| Death rate: Lower respiratory infections | 7 | 11 | 61 | 269 | 654 | 42 |
| Death rate attributable to tobacco | 0 | - | 3 | 14 | 103 | 3 |
| Proportion of deaths attributable to tobacco (%) | 6 | - | 4 | 5 | 16 | 8 |
| Death rate: Noncommunicable diseases | 178 | 411 | 1,848 | 4,288 | 10,375 | 877 |
| Death rate attributable to tobacco | 7 | - | 132 | 296 | 1,028 | 56 |
| Proportion of deaths attributable to tobacco (%) | 4 | - | 7 | 7 | 10 | 6 |
| Death rate: All malignant neoplasms | 30 | 64 | 216 | 407 | 982 | 102 |
| Death rate attributable to tobacco | 2 | - | 23 | 58 | 198 | 11 |
| Proportion of deaths attributable to tobacco (%) | 5 | - | 11 | 14 | 20 | 10 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 6 | 35 | 75 | 172 | 15 |
| Death rate attributable to tobacco | 1 | - | 18 | 45 | 131 | 8 |
| Proportion of deaths attributable to tobacco (%) | 27 | - | 51 | 59 | 76 | 51 |
| Death rate: All other malignant neoplasms | 28 | 58 | 182 | 332 | 810 | 87 |
| Death rate attributable to tobacco | 1 | - | 5 | 13 | 67 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | - | 3 | 4 | 8 | 4 |
| Death rate: All Cardiovascular diseases | 82 | 216 | 1,034 | 2,417 | 5,403 | 471 |
| Death rate attributable to tobacco | 5 | - | 52 | 76 | 153 | 16 |
| Proportion of deaths attributable to tobacco (%) | 6 | - | 5 | 3 | 3 | 3 |
| Death rate: Ischaemic heart disease | 36 | 104 | 398 | 579 | 1,216 | 152 |
| Death rate attributable to tobacco | 0 | - | 19 | 18 | 35 | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | - | 5 | 3 | 3 | 3 |
| Death rate: Cerebrovascular disease | 27 | 58 | 355 | 798 | 1,481 | 147 |
| Death rate attributable to tobacco | 3 | - | 18 | 24 | 5 | 5 |
| Proportion of deaths attributable to tobacco (%) | 10 | - | 5 | 3 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 19 | 55 | 280 | 1,040 | 2,705 | 172 |
| Death rate attributable to tobacco | 2 | - | 16 | 35 | 113 | 7 |
| Proportion of deaths attributable to tobacco (%) | 10 | - | 6 | 3 | 4 | 4 |
| Death rate: Respiratory diseases | 9 | 29 | 176 | 445 | 1,056 | 80 |
| Death rate attributable to tobacco | 1 | - | 53 | 156 | 629 | 28 |
| Proportion of deaths attributable to tobacco (%) | 8 | - | 30 | 35 | 60 | 35 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 22 | 159 | 411 | 923 | 68 |
| Death rate attributable to tobacco | 0 | - | 52 | 154 | 607 | 27 |
| Proportion of deaths attributable to tobacco (%) | 22 | - | 33 | 37 | 66 | 40 |
| Death rate: Other respiratory diseases | 7 | 8 | 18 | 34 | 133 | 12 |
| Death rate attributable to tobacco | 0 | - | 1 | 2 | 22 | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | - | 5 | 6 | 16 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 331 | 566 | 2,537 | 6,068 | 16,201 | 1,186 | 173 | 438 | 1,902 | 4,717 | 11,092 | 1,010 |
| Death rate attributable to tobacco | - | - | 185 | 510 | 1,675 | 72 | 16 | - | 84 | 141 | 822 | 47 |
| Proportion of deaths attributable to tobacco (%) | - | - | 7 | 8 | 10 | 6 | 9 | - | 4 | 3 | 7 | 5 |
| <u>Death rate: Communicable diseases</u> | 50 | 84 | 312 | 1,037 | 2,769 | 182 | 29 | 68 | 358 | 977 | 2,298 | 195 |
| Death rate attributable to tobacco | - | - | 5 | 25 | 142 | 4 | 1 | - | 2 | 8 | 86 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 5 | 2 | 5 | - | 1 | 1 | 4 | 2 |
| <i>Death rate: Tuberculosis</i> | 5 | 17 | 35 | 43 | 23 | 14 | 6 | 13 | 20 | 25 | 14 | 11 |
| Death rate attributable to tobacco | - | - | 1 | 2 | 3 | 0 | 1 | - | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 5 | 13 | 2 | 9 | - | 2 | 2 | 8 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 8 | 13 | 71 | 299 | 797 | 44 | 5 | 9 | 51 | 243 | 570 | 41 |
| Death rate attributable to tobacco | - | - | 4 | 22 | 139 | 4 | 1 | - | 2 | 8 | 82 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 7 | 17 | 8 | 16 | - | 3 | 3 | 14 | 8 |
| <u>Death rate: Noncommunicable diseases</u> | 223 | 458 | 2,159 | 4,981 | 13,297 | 955 | 131 | 361 | 1,530 | 3,692 | 8,681 | 798 |
| Death rate attributable to tobacco | - | - | 180 | 485 | 1,532 | 68 | 15 | - | 82 | 132 | 736 | 43 |
| Proportion of deaths attributable to tobacco (%) | - | - | 8 | 10 | 12 | 7 | 11 | - | 5 | 4 | 8 | 5 |
| <i>Death rate: All malignant neoplasms</i> | 20 | 43 | 221 | 478 | 1,277 | 92 | 41 | 86 | 211 | 345 | 811 | 112 |
| Death rate attributable to tobacco | - | - | 36 | 111 | 400 | 16 | 3 | - | 10 | 12 | 80 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | - | 16 | 23 | 31 | 17 | 8 | - | 5 | 3 | 10 | 5 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 6 | 46 | 116 | 311 | 19 | 3 | 6 | 23 | 39 | 92 | 11 |
| Death rate attributable to tobacco | - | - | 29 | 85 | 269 | 12 | 1 | - | 7 | 9 | 52 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 62 | 73 | 86 | 63 | 44 | - | 29 | 24 | 56 | 31 |
| <i>Death rate: All other malignant neoplasms</i> | 18 | 37 | 176 | 362 | 966 | 74 | 38 | 81 | 188 | 306 | 719 | 102 |
| Death rate attributable to tobacco | - | - | 7 | 25 | 131 | 4 | 2 | - | 3 | 3 | 29 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 7 | 14 | 6 | 5 | - | 2 | 1 | 4 | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 127 | 274 | 1,197 | 2,776 | 6,174 | 521 | 36 | 155 | 867 | 2,108 | 4,956 | 421 |
| Death rate attributable to tobacco | - | - | 63 | 110 | 85 | 14 | 10 | - | 42 | 46 | 193 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 4 | 1 | 3 | 27 | - | 5 | 2 | 4 | 4 |
| <i>Death rate: Ischaemic heart disease</i> | 68 | 163 | 565 | 786 | 1,868 | 217 | 3 | 41 | 228 | 401 | 839 | 86 |
| Death rate attributable to tobacco | - | - | 28 | 30 | 23 | 5 | 0 | - | 10 | 7 | 42 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 4 | 1 | 2 | 17 | - | 4 | 2 | 5 | 3 |
| <i>Death rate: Cerebrovascular disease</i> | 39 | 54 | 306 | 909 | 1,190 | 137 | 15 | 61 | 406 | 702 | 1,650 | 158 |
| Death rate attributable to tobacco | - | - | 15 | 31 | 15 | 4 | 6 | - | 20 | 17 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 3 | 1 | 3 | 37 | - | 5 | 2 | - | 4 |
| <i>Death rate: Other cardiovascular diseases</i> | 20 | 56 | 326 | 1,081 | 3,117 | 167 | 18 | 53 | 233 | 1,005 | 2,467 | 177 |
| Death rate attributable to tobacco | - | - | 20 | 50 | 48 | 6 | 4 | - | 12 | 22 | 151 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 5 | 2 | 3 | 21 | - | 5 | 2 | 6 | 5 |
| <i>Death rate: Respiratory diseases</i> | 12 | 39 | 228 | 588 | 1,569 | 98 | 5 | 19 | 123 | 322 | 758 | 62 |
| Death rate attributable to tobacco | - | - | 77 | 255 | 981 | 36 | 2 | - | 28 | 71 | 425 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | - | 34 | 43 | 63 | 37 | 28 | - | 23 | 22 | 56 | 31 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 29 | 204 | 537 | 1,352 | 81 | 1 | 14 | 112 | 303 | 674 | 54 |
| Death rate attributable to tobacco | - | - | 75 | 251 | 943 | 35 | 1 | - | 28 | 71 | 413 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | - | 37 | 47 | 70 | 44 | 65 | - | 25 | 23 | 61 | 34 |
| <i>Death rate: Other respiratory diseases</i> | 10 | 10 | 24 | 51 | 217 | 17 | 4 | 5 | 11 | 19 | 84 | 8 |
| Death rate attributable to tobacco | - | - | 1 | 4 | 38 | 1 | 1 | - | 0 | 1 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 7 | 17 | 5 | 16 | - | 3 | 3 | 14 | 9 |

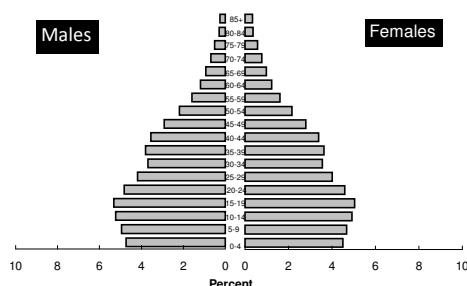
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Costa Rica

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,243 | 1,180 | 2,423 |
| 30-44 | 470 | 450 | 920 |
| 45-59 | 285 | 279 | 564 |
| 60-69 | 90 | 94 | 184 |
| 70-79 | 51 | 58 | 109 |
| 80+ | 23 | 30 | 53 |
| Total | 2,162 | 2,091 | 4,253 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (748 per 100,000 population) was about 15.7 times that for communicable diseases (48 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 146 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 55% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (61 per 100,000 men aged 30 years and over) compared with women (49 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 6% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 148 | 427 | 1,342 | 3,504 | 11,122 | 873 |
| Death rate attributable to tobacco | - | 5 | 65 | 309 | 977 | 55 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 9 | 9 | 6 |
| Death rate: Communicable diseases | 15 | 23 | 46 | 142 | 691 | 48 |
| Death rate attributable to tobacco | - | 0 | 1 | 8 | 62 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 6 | 9 | 5 |
| Death rate: Tuberculosis | 1 | 3 | 5 | 19 | 37 | 4 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 6 | 7 | 4 |
| Death rate: Lower respiratory infections | 2 | 7 | 21 | 71 | 500 | 24 |
| Death rate attributable to tobacco | - | 0 | 1 | 7 | 59 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 9 | 12 | 9 |
| Death rate: Noncommunicable diseases | 82 | 343 | 1,206 | 3,228 | 9,877 | 748 |
| Death rate attributable to tobacco | - | 5 | 64 | 301 | 915 | 53 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 9 | 9 | 7 |
| Death rate: All malignant neoplasms | 28 | 127 | 392 | 925 | 1,939 | 204 |
| Death rate attributable to tobacco | - | 2 | 28 | 107 | 189 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 12 | 10 | 8 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 35 | 93 | 128 | 15 |
| Death rate attributable to tobacco | - | 1 | 18 | 63 | 86 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 51 | 67 | 68 | 55 |
| Death rate: All other malignant neoplasms | 28 | 119 | 357 | 832 | 1,811 | 189 |
| Death rate attributable to tobacco | - | 1 | 10 | 44 | 103 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 5 | 6 | 4 |
| Death rate: All Cardiovascular diseases | 23 | 102 | 412 | 1,209 | 4,477 | 287 |
| Death rate attributable to tobacco | - | 2 | 21 | 68 | 108 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 6 | 2 | 4 |
| Death rate: Ischaemic heart disease | 8 | 58 | 248 | 658 | 2,057 | 146 |
| Death rate attributable to tobacco | - | 2 | 12 | 33 | 57 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 5 | 3 | 4 |
| Death rate: Cerebrovascular disease | 4 | 18 | 62 | 253 | 1,048 | 60 |
| Death rate attributable to tobacco | - | 0 | 3 | 16 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 6 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 11 | 26 | 101 | 298 | 1,371 | 81 |
| Death rate attributable to tobacco | - | 1 | 6 | 19 | 49 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 6 | 4 | 4 |
| Death rate: Respiratory diseases | 3 | 9 | 63 | 304 | 1,265 | 66 |
| Death rate attributable to tobacco | - | 0 | 13 | 115 | 593 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 21 | 38 | 47 | 39 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 37 | 208 | 995 | 46 |
| Death rate attributable to tobacco | - | 0 | 12 | 106 | 562 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 33 | 51 | 56 | 52 |
| Death rate: Other respiratory diseases | 3 | 7 | 26 | 97 | 271 | 20 |
| Death rate attributable to tobacco | - | 0 | 1 | 9 | 31 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 9 | 12 | 8 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 197 | 524 | 1,604 | 3,962 | 12,363 | 955 | 96 | 328 | 1,093 | 3,099 | 10,156 | 792 |
| Death rate attributable to tobacco | - | 11 | 96 | 374 | 1,086 | 61 | - | - | 36 | 252 | 892 | 49 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 9 | 9 | 6 | - | - | 3 | 8 | 9 | 6 |
| <u>Death rate: Communicable diseases</u> | 18 | 32 | 48 | 148 | 763 | 52 | 11 | 15 | 44 | 135 | 635 | 44 |
| Death rate attributable to tobacco | - | 0 | 1 | 8 | 53 | 2 | - | - | 1 | 8 | 69 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 6 | 7 | 4 | - | - | 2 | 6 | 11 | 7 |
| <u>Death rate: Tuberculosis</u> | 2 | 6 | 8 | 19 | 55 | 6 | 1 | 0 | 1 | 20 | 23 | 3 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 4 | 0 | - | - | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 6 | 7 | 3 | - | - | 2 | 6 | 8 | 5 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 7 | 19 | 84 | 514 | 24 | 1 | 7 | 24 | 61 | 490 | 25 |
| Death rate attributable to tobacco | - | 0 | 1 | 7 | 49 | 2 | - | - | 1 | 7 | 67 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 8 | 10 | 8 | - | - | 4 | 11 | 14 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 94 | 389 | 1,396 | 3,603 | 11,009 | 785 | 70 | 295 | 1,025 | 2,897 | 8,994 | 711 |
| Death rate attributable to tobacco | - | 10 | 95 | 366 | 1,033 | 59 | - | - | 35 | 244 | 823 | 46 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 10 | 9 | 8 | - | - | 3 | 8 | 9 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 125 | 454 | 1,052 | 2,668 | 223 | 30 | 128 | 332 | 813 | 1,370 | 185 |
| Death rate attributable to tobacco | - | 5 | 46 | 158 | 292 | 22 | - | - | 10 | 61 | 109 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 15 | 11 | 10 | - | - | 3 | 8 | 8 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 9 | 46 | 126 | 177 | 19 | - | 5 | 24 | 65 | 89 | 11 |
| Death rate attributable to tobacco | - | 2 | 29 | 95 | 135 | 12 | - | - | 7 | 35 | 49 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 63 | 75 | 76 | 63 | - | - | 30 | 54 | 55 | 41 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 116 | 408 | 927 | 2,491 | 204 | 30 | 123 | 308 | 748 | 1,281 | 174 |
| Death rate attributable to tobacco | - | 2 | 17 | 64 | 157 | 10 | - | - | 3 | 26 | 60 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 7 | 6 | 5 | - | - | 1 | 4 | 5 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 28 | 129 | 497 | 1,400 | 4,600 | 298 | 17 | 75 | 330 | 1,040 | 4,380 | 276 |
| Death rate attributable to tobacco | - | 5 | 26 | 60 | 31 | 8 | - | - | 16 | 76 | 169 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 4 | 1 | 3 | - | - | 5 | 7 | 4 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 12 | 84 | 306 | 835 | 2,279 | 166 | 3 | 31 | 192 | 501 | 1,884 | 125 |
| Death rate attributable to tobacco | - | 3 | 15 | 35 | 14 | 5 | - | - | 9 | 32 | 90 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 4 | 1 | 3 | - | - | 4 | 6 | 5 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 18 | 73 | 255 | 967 | 53 | 5 | 18 | 52 | 251 | 1,111 | 66 |
| Death rate attributable to tobacco | - | 1 | 4 | 9 | 6 | 1 | - | - | 3 | 22 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 4 | 1 | 2 | - | - | 5 | 9 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 13 | 27 | 117 | 310 | 1,355 | 78 | 8 | 25 | 86 | 287 | 1,384 | 84 |
| Death rate attributable to tobacco | - | 1 | 7 | 16 | 10 | 2 | - | - | 5 | 22 | 79 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 5 | 1 | 3 | - | - | 5 | 8 | 6 | 5 |
| <u>Death rate: Respiratory diseases</u> | 4 | 13 | 83 | 368 | 1,558 | 74 | 2 | 6 | 43 | 247 | 1,037 | 57 |
| Death rate attributable to tobacco | - | 1 | 19 | 138 | 694 | 27 | - | - | 7 | 94 | 514 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 23 | 37 | 45 | 37 | - | - | 17 | 38 | 50 | 41 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 4 | 48 | 262 | 1,236 | 52 | - | 1 | 26 | 159 | 807 | 40 |
| Death rate attributable to tobacco | - | 1 | 18 | 129 | 663 | 26 | - | - | 7 | 85 | 483 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 37 | 49 | 54 | 50 | - | - | 26 | 53 | 60 | 55 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 8 | 36 | 106 | 323 | 22 | 2 | 5 | 17 | 88 | 230 | 17 |
| Death rate attributable to tobacco | - | 0 | 2 | 9 | 31 | 1 | - | - | 1 | 10 | 31 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 8 | 10 | 7 | - | - | 4 | 11 | 14 | 10 |

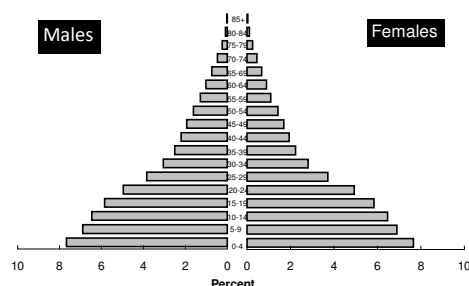
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Côte d'Ivoire

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 6,521 | 6,488 | 13,008 |
| 30-44 | 1,418 | 1,276 | 2,694 |
| 45-59 | 884 | 770 | 1,654 |
| 60-69 | 322 | 289 | 610 |
| 70-79 | 131 | 131 | 262 |
| 80+ | 22 | 26 | 48 |
| Total | 9,297 | 8,978 | 18,275 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1333 per 100,000 population) was about 1.1 times that for communicable diseases (1247 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 186 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 23 deaths per 100,000 population but with 75% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 8% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (284 per 100,000 men aged 30 years and over) compared with women (3 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 0% for women.

- Among those who died prematurely, almost one in every 853 deaths among those aged 30-44 and one in 11 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.2% of those whose death was due to a lower respiratory infection, 22.9% of deaths due to the category of 'all cardiovascular diseases combined', and 74.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,084 | 2,480 | 4,147 | 8,559 | 18,043 | 2,914 |
| Death rate attributable to tobacco | 2 | 226 | 433 | 461 | 627 | 151 |
| Proportion of deaths attributable to tobacco (%) | 0 | 9 | 10 | 5 | 3 | 5 |
| Death rate: Communicable diseases | 1,332 | 1,048 | 1,022 | 1,716 | 3,681 | 1,247 |
| Death rate attributable to tobacco | 1 | 31 | 54 | 64 | 148 | 21 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 5 | 4 | 4 | 2 |
| Death rate: Tuberculosis | 144 | 152 | 178 | 224 | 278 | 156 |
| Death rate attributable to tobacco | 0 | 17 | 15 | 13 | 17 | 8 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 8 | 6 | 6 | 5 |
| Death rate: Lower respiratory infections | 55 | 112 | 328 | 812 | 2,094 | 161 |
| Death rate attributable to tobacco | 0 | 14 | 39 | 51 | 130 | 13 |
| Proportion of deaths attributable to tobacco (%) | 0 | 12 | 12 | 6 | 6 | 8 |
| Death rate: Noncommunicable diseases | 376 | 1,158 | 2,853 | 6,477 | 13,745 | 1,333 |
| Death rate attributable to tobacco | 2 | 195 | 379 | 397 | 479 | 130 |
| Proportion of deaths attributable to tobacco (%) | 1 | 17 | 13 | 6 | 3 | 10 |
| Death rate: All malignant neoplasms | 58 | 247 | 592 | 1,202 | 1,966 | 254 |
| Death rate attributable to tobacco | 0 | 42 | 112 | 105 | 133 | 33 |
| Proportion of deaths attributable to tobacco (%) | 0 | 17 | 19 | 9 | 7 | 13 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 24 | 78 | 86 | 103 | 23 |
| Death rate attributable to tobacco | 0 | 18 | 63 | 66 | 79 | 17 |
| Proportion of deaths attributable to tobacco (%) | 2 | 75 | 82 | 77 | 77 | 75 |
| Death rate: All other malignant neoplasms | 57 | 224 | 514 | 1,116 | 1,863 | 231 |
| Death rate attributable to tobacco | 0 | 25 | 48 | 38 | 54 | 16 |
| Proportion of deaths attributable to tobacco (%) | 0 | 11 | 9 | 3 | 3 | 7 |
| Death rate: All Cardiovascular diseases | 125 | 465 | 1,244 | 3,133 | 7,533 | 578 |
| Death rate attributable to tobacco | 1 | 107 | 137 | 94 | 30 | 55 |
| Proportion of deaths attributable to tobacco (%) | 1 | 23 | 11 | 3 | 0 | 9 |
| Death rate: Ischaemic heart disease | 24 | 161 | 472 | 1,027 | 1,952 | 186 |
| Death rate attributable to tobacco | 0 | 43 | 57 | 37 | 8 | 22 |
| Proportion of deaths attributable to tobacco (%) | 0 | 27 | 12 | 4 | 0 | 12 |
| Death rate: Cerebrovascular disease | 51 | 173 | 454 | 1,143 | 2,649 | 214 |
| Death rate attributable to tobacco | 1 | 37 | 45 | 27 | 8 | 19 |
| Proportion of deaths attributable to tobacco (%) | 2 | 22 | 10 | 2 | 0 | 9 |
| Death rate: Other cardiovascular diseases | 51 | 131 | 317 | 963 | 2,932 | 178 |
| Death rate attributable to tobacco | 0 | 27 | 35 | 31 | 13 | 14 |
| Proportion of deaths attributable to tobacco (%) | 1 | 20 | 11 | 3 | 0 | 8 |
| Death rate: Respiratory diseases | 49 | 135 | 350 | 736 | 1,345 | 157 |
| Death rate attributable to tobacco | 1 | 41 | 121 | 187 | 298 | 39 |
| Proportion of deaths attributable to tobacco (%) | 1 | 31 | 34 | 25 | 22 | 25 |
| Death rate: Chronic obstructive pulmonary disease | 10 | 53 | 177 | 384 | 643 | 67 |
| Death rate attributable to tobacco | 0 | 30 | 99 | 162 | 253 | 31 |
| Proportion of deaths attributable to tobacco (%) | 3 | 57 | 56 | 42 | 39 | 47 |
| Death rate: Other respiratory diseases | 39 | 82 | 173 | 352 | 701 | 89 |
| Death rate attributable to tobacco | 0 | 11 | 21 | 24 | 45 | 8 |
| Proportion of deaths attributable to tobacco (%) | 1 | 14 | 12 | 7 | 6 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,213 | 2,963 | 4,875 | 9,532 | 19,527 | 3,243 | 1,940 | 1,925 | 3,336 | 7,582 | 16,782 | 2,548 |
| Death rate attributable to tobacco | - | 423 | 822 | 921 | 1,365 | 284 | 5 | - | - | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 17 | 10 | 7 | 9 | 0 | - | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 1,214 | 1,229 | 1,190 | 1,920 | 4,147 | 1,272 | 1,463 | 840 | 834 | 1,511 | 3,285 | 1,219 |
| Death rate attributable to tobacco | - | 59 | 103 | 128 | 322 | 39 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 9 | 7 | 8 | 3 | 0 | - | - | - | - | 0 |
| <i>Death rate: Tuberculosis</i> | 190 | 214 | 212 | 317 | 429 | 208 | 93 | 81 | 140 | 131 | 151 | 97 |
| Death rate attributable to tobacco | - | 32 | 29 | 25 | 37 | 15 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 13 | 8 | 9 | 7 | 1 | - | - | - | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 59 | 126 | 402 | 923 | 2,360 | 179 | 52 | 97 | 246 | 702 | 1,868 | 141 |
| Death rate attributable to tobacco | - | 26 | 74 | 103 | 283 | 24 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 18 | 11 | 12 | 13 | 1 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 382 | 1,327 | 3,320 | 7,164 | 14,755 | 1,458 | 369 | 964 | 2,332 | 5,788 | 12,887 | 1,195 |
| Death rate attributable to tobacco | - | 364 | 719 | 793 | 1,042 | 245 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 22 | 11 | 7 | 17 | 1 | - | - | - | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 47 | 266 | 716 | 1,504 | 2,686 | 284 | 71 | 226 | 454 | 900 | 1,355 | 220 |
| Death rate attributable to tobacco | - | 79 | 212 | 209 | 291 | 62 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 30 | 14 | 11 | 22 | 0 | - | - | - | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 40 | 138 | 164 | 215 | 39 | 2 | 5 | 11 | 9 | 9 | 4 |
| Death rate attributable to tobacco | - | 33 | 120 | 133 | 173 | 32 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 82 | 87 | 81 | 80 | 82 | 4 | - | - | - | - | 1 |
| <i>Death rate: All other malignant neoplasms</i> | 46 | 226 | 578 | 1,340 | 2,471 | 245 | 69 | 221 | 443 | 891 | 1,346 | 216 |
| Death rate attributable to tobacco | - | 46 | 91 | 76 | 118 | 30 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 16 | 6 | 5 | 12 | 0 | - | - | - | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 120 | 521 | 1,376 | 3,174 | 7,331 | 595 | 130 | 400 | 1,096 | 3,093 | 7,704 | 560 |
| Death rate attributable to tobacco | - | 199 | 259 | 188 | 65 | 103 | 3 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 19 | 6 | 1 | 17 | 2 | - | - | - | - | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 30 | 218 | 600 | 1,277 | 2,244 | 232 | 17 | 95 | 330 | 776 | 1,703 | 135 |
| Death rate attributable to tobacco | - | 80 | 108 | 73 | 18 | 42 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 18 | 6 | 1 | 18 | 1 | - | - | - | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 47 | 185 | 474 | 1,056 | 2,322 | 206 | 55 | 159 | 432 | 1,231 | 2,926 | 222 |
| Death rate attributable to tobacco | - | 70 | 85 | 54 | 18 | 35 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 18 | 5 | 1 | 17 | 3 | - | - | - | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 44 | 118 | 302 | 841 | 2,765 | 157 | 58 | 146 | 334 | 1,086 | 3,075 | 203 |
| Death rate attributable to tobacco | - | 50 | 66 | 61 | 28 | 27 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 42 | 22 | 7 | 1 | 17 | 1 | - | - | - | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 50 | 179 | 485 | 1,001 | 1,740 | 200 | 48 | 84 | 200 | 470 | 1,009 | 109 |
| Death rate attributable to tobacco | - | 77 | 229 | 373 | 649 | 74 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 47 | 37 | 37 | 37 | 2 | - | - | - | - | 1 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 12 | 77 | 264 | 562 | 923 | 95 | 8 | 26 | 80 | 206 | 406 | 36 |
| Death rate attributable to tobacco | - | 56 | 188 | 324 | 551 | 59 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 74 | 71 | 58 | 60 | 62 | 9 | - | - | - | - | 1 |
| <i>Death rate: Other respiratory diseases</i> | 38 | 102 | 220 | 440 | 816 | 105 | 40 | 58 | 120 | 264 | 604 | 72 |
| Death rate attributable to tobacco | - | 21 | 41 | 49 | 98 | 14 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 18 | 11 | 12 | 14 | 1 | - | - | - | - | 0 |

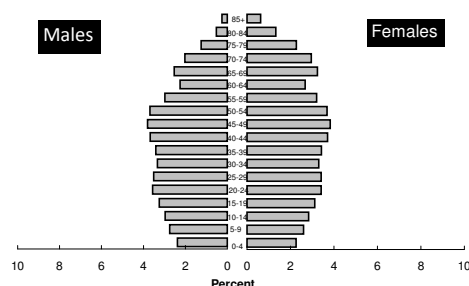
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Croatia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 836 | 800 | 1,636 |
| 30-44 | 473 | 473 | 946 |
| 45-59 | 475 | 486 | 962 |
| 60-69 | 217 | 269 | 486 |
| 70-79 | 149 | 237 | 386 |
| 80+ | 35 | 89 | 124 |
| Total | 2,185 | 2,355 | 4,540 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1607 per 100,000 population) was about 22.2 times that for communicable diseases (72 per 100,000). Tobacco was responsible for 19% of all NCDs compared with 19% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 403 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 95 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 22% of all lower respiratory infection deaths and 21% of all tuberculosis deaths.

- The death rate due to tobacco in men was (530 per 100,000 men aged 30 years and over) compared with women (136 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 28% for men and 8% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 38.4% of those whose death was due to a lower respiratory infection, 59% of deaths due to the category of 'all cardiovascular diseases combined', and 89.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 141 | 589 | 1,836 | 4,724 | 13,843 | 1,767 |
| Death rate attributable to tobacco | 29 | 209 | 534 | 859 | 862 | 319 |
| Proportion of deaths attributable to tobacco (%) | 21 | 36 | 29 | 18 | 6 | 18 |
| Death rate: Communicable diseases | 4 | 18 | 52 | 193 | 719 | 72 |
| Death rate attributable to tobacco | 1 | 5 | 12 | 41 | 109 | 14 |
| Proportion of deaths attributable to tobacco (%) | 19 | 26 | 23 | 21 | 15 | 19 |
| Death rate: Tuberculosis | 1 | 4 | 5 | 16 | 28 | 6 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 27 | 30 | 22 | 18 | 12 | 21 |
| Death rate: Lower respiratory infections | 1 | 9 | 36 | 155 | 639 | 57 |
| Death rate attributable to tobacco | 0 | 3 | 11 | 38 | 106 | 13 |
| Proportion of deaths attributable to tobacco (%) | 35 | 38 | 29 | 25 | 17 | 22 |
| Death rate: Noncommunicable diseases | 92 | 510 | 1,701 | 4,379 | 12,674 | 1,607 |
| Death rate attributable to tobacco | 29 | 204 | 522 | 818 | 752 | 305 |
| Proportion of deaths attributable to tobacco (%) | 31 | 40 | 31 | 19 | 6 | 19 |
| Death rate: All malignant neoplasms | 36 | 242 | 688 | 1,205 | 1,739 | 442 |
| Death rate attributable to tobacco | 8 | 94 | 247 | 335 | 261 | 130 |
| Proportion of deaths attributable to tobacco (%) | 22 | 39 | 36 | 28 | 15 | 30 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 64 | 176 | 257 | 198 | 95 |
| Death rate attributable to tobacco | 4 | 57 | 159 | 226 | 157 | 83 |
| Proportion of deaths attributable to tobacco (%) | 70 | 89 | 90 | 88 | 79 | 88 |
| Death rate: All other malignant neoplasms | 31 | 178 | 512 | 948 | 1,541 | 347 |
| Death rate attributable to tobacco | 4 | 37 | 88 | 108 | 103 | 47 |
| Proportion of deaths attributable to tobacco (%) | 13 | 21 | 17 | 11 | 7 | 14 |
| Death rate: All Cardiovascular diseases | 29 | 176 | 743 | 2,507 | 9,338 | 925 |
| Death rate attributable to tobacco | 20 | 104 | 236 | 358 | 244 | 139 |
| Proportion of deaths attributable to tobacco (%) | 68 | 59 | 32 | 14 | 3 | 15 |
| Death rate: Ischaemic heart disease | 14 | 94 | 374 | 1,100 | 3,711 | 403 |
| Death rate attributable to tobacco | 10 | 55 | 116 | 152 | 112 | 66 |
| Proportion of deaths attributable to tobacco (%) | 71 | 59 | 31 | 14 | 3 | 16 |
| Death rate: Cerebrovascular disease | 6 | 48 | 233 | 902 | 2,715 | 293 |
| Death rate attributable to tobacco | 4 | 28 | 73 | 126 | 17 | 40 |
| Proportion of deaths attributable to tobacco (%) | 58 | 58 | 31 | 14 | 1 | 14 |
| Death rate: Other cardiovascular diseases | 9 | 34 | 135 | 505 | 2,912 | 228 |
| Death rate attributable to tobacco | 6 | 21 | 48 | 80 | 115 | 33 |
| Proportion of deaths attributable to tobacco (%) | 70 | 62 | 35 | 16 | 4 | 14 |
| Death rate: Respiratory diseases | 1 | 7 | 45 | 166 | 394 | 49 |
| Death rate attributable to tobacco | 1 | 5 | 33 | 112 | 231 | 32 |
| Proportion of deaths attributable to tobacco (%) | 55 | 68 | 73 | 68 | 58 | 65 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 37 | 135 | 329 | 40 |
| Death rate attributable to tobacco | 0 | 4 | 30 | 105 | 219 | 30 |
| Proportion of deaths attributable to tobacco (%) | 81 | 85 | 82 | 77 | 67 | 75 |
| Death rate: Other respiratory diseases | 1 | 3 | 8 | 31 | 65 | 9 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 8 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | 35 | 38 | 31 | 25 | 17 | 25 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 196 | 848 | 2,690 | 6,329 | 15,982 | 1,916 | 85 | 336 | 1,146 | 3,718 | 12,991 | 1,638 |
| Death rate attributable to tobacco | 48 | 360 | 971 | 1,665 | 1,775 | 530 | 10 | 62 | 180 | 354 | 498 | 136 |
| Proportion of deaths attributable to tobacco (%) | 25 | 42 | 36 | 26 | 11 | 28 | 12 | 18 | 16 | 10 | 4 | 8 |
| <u>Death rate: Communicable diseases</u> | 5 | 26 | 72 | 288 | 970 | 80 | 2 | 10 | 36 | 134 | 619 | 66 |
| Death rate attributable to tobacco | 1 | 9 | 21 | 82 | 243 | 22 | 0 | 1 | 4 | 16 | 56 | 7 |
| Proportion of deaths attributable to tobacco (%) | 21 | 33 | 29 | 28 | 25 | 28 | 16 | 10 | 12 | 12 | 9 | 10 |
| <i>Death rate: Tuberculosis</i> | 1 | 7 | 7 | 25 | 45 | 8 | 0 | 2 | 3 | 10 | 22 | 4 |
| Death rate attributable to tobacco | 0 | 2 | 2 | 6 | 9 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 31 | 34 | 28 | 25 | 20 | 28 | 17 | 12 | 10 | 8 | 5 | 8 |
| <i>Death rate: Lower respiratory infections</i> | 2 | 14 | 52 | 231 | 873 | 62 | 1 | 4 | 24 | 107 | 546 | 53 |
| Death rate attributable to tobacco | 1 | 6 | 19 | 75 | 234 | 20 | 0 | 1 | 4 | 15 | 55 | 6 |
| Proportion of deaths attributable to tobacco (%) | 39 | 43 | 36 | 33 | 27 | 32 | 28 | 21 | 17 | 14 | 10 | 12 |
| <u>Death rate: Noncommunicable diseases</u> | 118 | 722 | 2,486 | 5,818 | 14,441 | 1,715 | 66 | 303 | 1,066 | 3,478 | 11,970 | 1,513 |
| Death rate attributable to tobacco | 47 | 351 | 950 | 1,584 | 1,532 | 508 | 10 | 61 | 176 | 338 | 442 | 129 |
| Proportion of deaths attributable to tobacco (%) | 40 | 49 | 38 | 27 | 11 | 30 | 15 | 20 | 17 | 10 | 4 | 9 |
| <i>Death rate: All malignant neoplasms</i> | 33 | 314 | 1,015 | 1,865 | 2,791 | 564 | 39 | 172 | 423 | 791 | 1,320 | 335 |
| Death rate attributable to tobacco | 12 | 166 | 485 | 758 | 755 | 244 | 4 | 23 | 54 | 69 | 64 | 32 |
| Proportion of deaths attributable to tobacco (%) | 36 | 53 | 48 | 41 | 27 | 43 | 10 | 13 | 13 | 9 | 5 | 10 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 7 | 105 | 323 | 543 | 507 | 164 | 4 | 24 | 57 | 77 | 75 | 34 |
| Death rate attributable to tobacco | 5 | 98 | 305 | 512 | 465 | 154 | 3 | 17 | 40 | 47 | 34 | 22 |
| Proportion of deaths attributable to tobacco (%) | 75 | 93 | 95 | 94 | 92 | 94 | 62 | 71 | 71 | 61 | 46 | 64 |
| <i>Death rate: All other malignant neoplasms</i> | 26 | 209 | 693 | 1,322 | 2,284 | 400 | 35 | 149 | 366 | 714 | 1,246 | 300 |
| Death rate attributable to tobacco | 7 | 68 | 180 | 246 | 290 | 90 | 1 | 6 | 14 | 22 | 29 | 10 |
| Proportion of deaths attributable to tobacco (%) | 25 | 33 | 26 | 19 | 13 | 23 | 4 | 4 | 4 | 3 | 2 | 3 |
| <i>Death rate: All Cardiovascular diseases</i> | 46 | 270 | 1,068 | 2,996 | 9,601 | 865 | 13 | 85 | 480 | 2,200 | 9,234 | 976 |
| Death rate attributable to tobacco | 35 | 174 | 393 | 575 | 221 | 206 | 5 | 36 | 110 | 222 | 253 | 80 |
| Proportion of deaths attributable to tobacco (%) | 75 | 64 | 37 | 19 | 2 | 24 | 42 | 42 | 23 | 10 | 3 | 8 |
| <i>Death rate: Ischaemic heart disease</i> | 25 | 155 | 565 | 1,437 | 4,028 | 418 | 3 | 34 | 220 | 888 | 3,585 | 390 |
| Death rate attributable to tobacco | 19 | 98 | 203 | 274 | 85 | 106 | 1 | 13 | 46 | 75 | 123 | 31 |
| Proportion of deaths attributable to tobacco (%) | 76 | 63 | 36 | 19 | 2 | 25 | 29 | 38 | 21 | 8 | 3 | 8 |
| <i>Death rate: Cerebrovascular disease</i> | 7 | 65 | 321 | 1,016 | 2,793 | 262 | 5 | 31 | 162 | 831 | 2,685 | 319 |
| Death rate attributable to tobacco | 4 | 42 | 114 | 175 | 59 | 55 | 3 | 14 | 39 | 96 | - | 27 |
| Proportion of deaths attributable to tobacco (%) | 60 | 64 | 36 | 17 | 2 | 21 | 54 | 45 | 24 | 12 | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 14 | 49 | 182 | 543 | 2,779 | 184 | 4 | 20 | 98 | 480 | 2,964 | 267 |
| Death rate attributable to tobacco | 11 | 34 | 76 | 126 | 76 | 44 | 1 | 9 | 25 | 51 | 130 | 23 |
| Proportion of deaths attributable to tobacco (%) | 81 | 69 | 42 | 23 | 3 | 24 | 35 | 45 | 25 | 11 | 4 | 9 |
| <u>Death rate: Respiratory diseases</u> | 1 | 11 | 80 | 299 | 714 | 69 | 1 | 4 | 17 | 82 | 267 | 32 |
| Death rate attributable to tobacco | 0 | 8 | 62 | 227 | 520 | 52 | 1 | 2 | 9 | 40 | 115 | 15 |
| Proportion of deaths attributable to tobacco (%) | 51 | 72 | 78 | 76 | 73 | 75 | 59 | 54 | 54 | 49 | 43 | 47 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 7 | 66 | 252 | 618 | 57 | 1 | 2 | 13 | 62 | 214 | 25 |
| Death rate attributable to tobacco | 0 | 6 | 57 | 211 | 494 | 48 | 1 | 2 | 8 | 38 | 110 | 14 |
| Proportion of deaths attributable to tobacco (%) | 87 | 89 | 86 | 84 | 80 | 84 | 79 | 72 | 66 | 61 | 51 | 57 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 4 | 13 | 48 | 97 | 12 | 0 | 1 | 4 | 20 | 52 | 7 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 16 | 26 | 4 | 0 | 0 | 1 | 3 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | 39 | 43 | 36 | 33 | 27 | 33 | 28 | 21 | 17 | 14 | 10 | 13 |

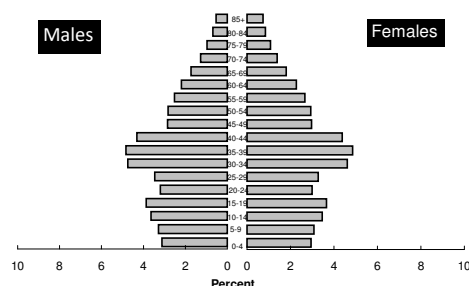
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cuba

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 2,313 | 2,184 | 4,497 |
| 30-44 | 1,563 | 1,558 | 3,120 |
| 45-59 | 921 | 964 | 1,885 |
| 60-69 | 441 | 458 | 899 |
| 70-79 | 253 | 278 | 530 |
| 80+ | 138 | 177 | 315 |
| Total | 5,628 | 5,619 | 11,247 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (981 per 100,000 population) was about 9.4 times that for communicable diseases (105 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 24% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 255 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 67 deaths per 100,000 population but with 86% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 27% of all lower respiratory infection deaths and 19% of all tuberculosis deaths.

- The death rate due to tobacco in men was (279 per 100,000 men aged 30 years and over) compared with women (190 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 21% for men and 18% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 31.4% of those whose death was due to a lower respiratory infection, 53.4% of deaths due to the category of 'all cardiovascular diseases combined', and 86.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 140 | 545 | 1,453 | 3,684 | 10,118 | 1,172 |
| Death rate attributable to tobacco | 23 | 179 | 391 | 736 | 1,352 | 234 |
| Proportion of deaths attributable to tobacco (%) | 17 | 33 | 27 | 20 | 13 | 20 |
| Death rate: Communicable diseases | 9 | 22 | 72 | 293 | 1,323 | 105 |
| Death rate attributable to tobacco | 1 | 4 | 14 | 63 | 348 | 25 |
| Proportion of deaths attributable to tobacco (%) | 10 | 20 | 20 | 21 | 26 | 24 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 3 | 3 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 26 | 25 | 17 | 16 | 19 | 19 |
| Death rate: Lower respiratory infections | 3 | 14 | 56 | 260 | 1,249 | 91 |
| Death rate attributable to tobacco | 1 | 4 | 14 | 62 | 347 | 25 |
| Proportion of deaths attributable to tobacco (%) | 30 | 31 | 25 | 24 | 28 | 27 |
| Death rate: Noncommunicable diseases | 85 | 469 | 1,310 | 3,226 | 8,195 | 981 |
| Death rate attributable to tobacco | 22 | 174 | 377 | 673 | 1,005 | 209 |
| Proportion of deaths attributable to tobacco (%) | 26 | 37 | 29 | 21 | 12 | 21 |
| Death rate: All malignant neoplasms | 33 | 187 | 478 | 939 | 1,624 | 281 |
| Death rate attributable to tobacco | 6 | 65 | 161 | 275 | 406 | 83 |
| Proportion of deaths attributable to tobacco (%) | 18 | 35 | 34 | 29 | 25 | 30 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 51 | 134 | 227 | 311 | 67 |
| Death rate attributable to tobacco | 3 | 44 | 118 | 197 | 270 | 57 |
| Proportion of deaths attributable to tobacco (%) | 65 | 86 | 87 | 87 | 87 | 86 |
| Death rate: All other malignant neoplasms | 28 | 136 | 344 | 712 | 1,312 | 214 |
| Death rate attributable to tobacco | 3 | 21 | 43 | 79 | 136 | 25 |
| Proportion of deaths attributable to tobacco (%) | 10 | 15 | 13 | 11 | 10 | 12 |
| Death rate: All Cardiovascular diseases | 26 | 176 | 569 | 1,642 | 4,864 | 493 |
| Death rate attributable to tobacco | 15 | 94 | 159 | 254 | 294 | 88 |
| Proportion of deaths attributable to tobacco (%) | 57 | 53 | 28 | 15 | 6 | 18 |
| Death rate: Ischaemic heart disease | 10 | 89 | 317 | 895 | 2,428 | 255 |
| Death rate attributable to tobacco | 6 | 46 | 84 | 127 | 172 | 45 |
| Proportion of deaths attributable to tobacco (%) | 60 | 51 | 26 | 14 | 7 | 18 |
| Death rate: Cerebrovascular disease | 6 | 46 | 143 | 446 | 1,170 | 124 |
| Death rate attributable to tobacco | 3 | 25 | 41 | 74 | 10 | 20 |
| Proportion of deaths attributable to tobacco (%) | 51 | 55 | 29 | 17 | 1 | 16 |
| Death rate: Other cardiovascular diseases | 10 | 41 | 109 | 301 | 1,266 | 114 |
| Death rate attributable to tobacco | 6 | 23 | 34 | 53 | 112 | 23 |
| Proportion of deaths attributable to tobacco (%) | 57 | 56 | 31 | 18 | 9 | 20 |
| Death rate: Respiratory diseases | 3 | 20 | 74 | 189 | 398 | 50 |
| Death rate attributable to tobacco | 1 | 13 | 50 | 131 | 284 | 34 |
| Proportion of deaths attributable to tobacco (%) | 40 | 63 | 68 | 69 | 71 | 68 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 13 | 61 | 164 | 334 | 40 |
| Death rate attributable to tobacco | 1 | 10 | 47 | 125 | 266 | 32 |
| Proportion of deaths attributable to tobacco (%) | 77 | 82 | 77 | 76 | 80 | 78 |
| Death rate: Other respiratory diseases | 3 | 8 | 13 | 25 | 64 | 10 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 6 | 18 | 3 |
| Proportion of deaths attributable to tobacco (%) | 29 | 31 | 25 | 24 | 28 | 27 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 175 | 658 | 1,737 | 4,331 | 11,384 | 1,299 | 105 | 438 | 1,179 | 3,095 | 9,132 | 1,049 |
| Death rate attributable to tobacco | 35 | 236 | 478 | 887 | 1,575 | 279 | 12 | 124 | 307 | 599 | 1,179 | 190 |
| Proportion of deaths attributable to tobacco (%) | 20 | 36 | 28 | 20 | 14 | 21 | 11 | 28 | 26 | 19 | 13 | 18 |
| <u>Death rate: Communicable diseases</u> | 11 | 26 | 88 | 353 | 1,524 | 114 | 7 | 19 | 56 | 239 | 1,166 | 95 |
| Death rate attributable to tobacco | 1 | 5 | 17 | 70 | 381 | 25 | 1 | 4 | 12 | 56 | 322 | 24 |
| Proportion of deaths attributable to tobacco (%) | 13 | 20 | 19 | 20 | 25 | 22 | 7 | 19 | 21 | 24 | 28 | 25 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 2 | 4 | 5 | 1 | - | - | 0 | 2 | 2 | 0 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 26 | 25 | 18 | 16 | 20 | 20 | | | 15 | 16 | 18 | 16 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 15 | 68 | 316 | 1,441 | 99 | 2 | 12 | 44 | 210 | 1,100 | 84 |
| Death rate attributable to tobacco | 1 | 5 | 16 | 69 | 379 | 25 | 0 | 4 | 11 | 56 | 322 | 24 |
| Proportion of deaths attributable to tobacco (%) | 34 | 33 | 24 | 22 | 26 | 25 | 23 | 30 | 26 | 27 | 29 | 28 |
| <u>Death rate: Noncommunicable diseases</u> | 90 | 546 | 1,547 | 3,777 | 9,300 | 1,075 | 80 | 396 | 1,083 | 2,725 | 7,336 | 890 |
| Death rate attributable to tobacco | 34 | 230 | 461 | 817 | 1,195 | 253 | 11 | 120 | 296 | 543 | 857 | 166 |
| Proportion of deaths attributable to tobacco (%) | 37 | 42 | 30 | 22 | 13 | 24 | 14 | 30 | 27 | 20 | 12 | 19 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 200 | 589 | 1,216 | 2,317 | 335 | 39 | 175 | 372 | 686 | 1,084 | 228 |
| Death rate attributable to tobacco | 8 | 95 | 237 | 415 | 674 | 121 | 4 | 37 | 88 | 149 | 198 | 46 |
| Proportion of deaths attributable to tobacco (%) | 30 | 48 | 40 | 34 | 29 | 36 | 9 | 21 | 24 | 22 | 18 | 20 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 70 | 186 | 329 | 496 | 93 | 4 | 33 | 84 | 135 | 168 | 42 |
| Death rate attributable to tobacco | 4 | 63 | 169 | 298 | 453 | 83 | 2 | 27 | 68 | 105 | 127 | 32 |
| Proportion of deaths attributable to tobacco (%) | 71 | 90 | 91 | 91 | 91 | 90 | 54 | 80 | 80 | 78 | 76 | 78 |
| <u>Death rate: All other malignant neoplasms</u> | 21 | 130 | 403 | 888 | 1,821 | 243 | 36 | 142 | 287 | 551 | 917 | 186 |
| Death rate attributable to tobacco | 4 | 33 | 68 | 117 | 220 | 38 | 2 | 10 | 20 | 44 | 70 | 13 |
| Proportion of deaths attributable to tobacco (%) | 19 | 25 | 17 | 13 | 12 | 16 | 5 | 7 | 7 | 8 | 8 | 7 |
| <u>Death rate: All Cardiovascular diseases</u> | 33 | 223 | 681 | 1,846 | 5,141 | 523 | 19 | 131 | 461 | 1,457 | 4,648 | 464 |
| Death rate attributable to tobacco | 24 | 120 | 166 | 225 | 114 | 88 | 6 | 69 | 152 | 281 | 435 | 88 |
| Proportion of deaths attributable to tobacco (%) | 71 | 54 | 24 | 12 | 2 | 17 | 32 | 53 | 33 | 19 | 9 | 19 |
| <u>Death rate: Ischaemic heart disease</u> | 15 | 120 | 397 | 1,052 | 2,618 | 282 | 5 | 59 | 240 | 752 | 2,280 | 229 |
| Death rate attributable to tobacco | 11 | 63 | 94 | 127 | 54 | 47 | 1 | 29 | 74 | 128 | 264 | 43 |
| Proportion of deaths attributable to tobacco (%) | 72 | 52 | 24 | 12 | 2 | 17 | 24 | 50 | 31 | 17 | 12 | 19 |
| <u>Death rate: Cerebrovascular disease</u> | 6 | 54 | 155 | 470 | 1,149 | 122 | 6 | 39 | 131 | 425 | 1,187 | 126 |
| Death rate attributable to tobacco | 3 | 29 | 36 | 51 | 24 | 19 | 3 | 22 | 46 | 96 | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 55 | 53 | 23 | 11 | 2 | 16 | 47 | 56 | 35 | 22 | - | 17 |
| <u>Death rate: Other cardiovascular diseases</u> | 12 | 49 | 129 | 325 | 1,374 | 118 | 8 | 33 | 90 | 280 | 1,181 | 109 |
| Death rate attributable to tobacco | 9 | 28 | 36 | 48 | 36 | 22 | 2 | 18 | 32 | 57 | 170 | 24 |
| Proportion of deaths attributable to tobacco (%) | 77 | 57 | 28 | 15 | 3 | 19 | 28 | 55 | 36 | 21 | 14 | 22 |
| <u>Death rate: Respiratory diseases</u> | 3 | 20 | 77 | 243 | 539 | 58 | 3 | 20 | 71 | 140 | 289 | 43 |
| Death rate attributable to tobacco | 1 | 13 | 53 | 169 | 393 | 40 | 1 | 12 | 48 | 96 | 199 | 29 |
| Proportion of deaths attributable to tobacco (%) | 42 | 65 | 68 | 69 | 73 | 69 | 37 | 61 | 68 | 69 | 69 | 66 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 13 | 64 | 216 | 471 | 48 | 1 | 12 | 58 | 116 | 227 | 33 |
| Death rate attributable to tobacco | 0 | 11 | 49 | 163 | 375 | 38 | 1 | 10 | 45 | 90 | 181 | 26 |
| Proportion of deaths attributable to tobacco (%) | 85 | 84 | 78 | 75 | 80 | 78 | 74 | 80 | 77 | 77 | 80 | 78 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 7 | 14 | 27 | 67 | 10 | 2 | 8 | 13 | 24 | 61 | 10 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 6 | 18 | 3 | 1 | 2 | 3 | 6 | 18 | 3 |
| Proportion of deaths attributable to tobacco (%) | 34 | 33 | 24 | 22 | 26 | 27 | 23 | 30 | 26 | 27 | 29 | 28 |

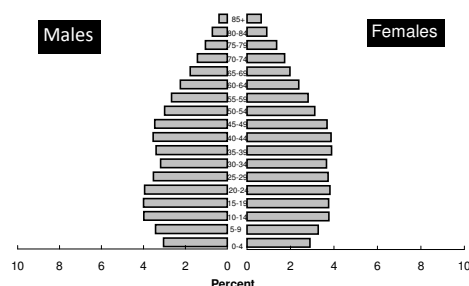
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Cyprus

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 181 | 176 | 357 |
| 30-44 | 84 | 94 | 178 |
| 45-59 | 75 | 79 | 155 |
| 60-69 | 33 | 36 | 69 |
| 70-79 | 20 | 26 | 46 |
| 80+ | 9 | 13 | 22 |
| Total | 403 | 424 | 827 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1073 per 100,000 population) was about 14.2 times that for communicable diseases (75 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 7% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 242 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 38 deaths per 100,000 population but with 73% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (191 per 100,000 men aged 30 years and over) compared with women (21 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 2% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.7% of those whose death was due to a lower respiratory infection, 29% of deaths due to the category of 'all cardiovascular diseases combined', and 68.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 80 | 330 | 1,199 | 3,457 | 11,284 | 1,182 |
| Death rate attributable to tobacco | 9 | 66 | 192 | 319 | 347 | 101 |
| Proportion of deaths attributable to tobacco (%) | 12 | 20 | 16 | 9 | 3 | 9 |
| Death rate: Communicable diseases | 8 | 15 | 57 | 183 | 879 | 75 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 16 | 55 | 5 |
| Proportion of deaths attributable to tobacco (%) | 4 | 10 | 9 | 9 | 6 | 7 |
| Death rate: Tuberculosis | 0 | 1 | 1 | 1 | 1 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 11 | 10 | 8 | 7 | 9 |
| Death rate: Lower respiratory infections | 5 | 11 | 43 | 150 | 726 | 60 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 16 | 54 | 5 |
| Proportion of deaths attributable to tobacco (%) | 6 | 13 | 11 | 11 | 7 | 9 |
| Death rate: Noncommunicable diseases | 49 | 286 | 1,100 | 3,214 | 10,342 | 1,073 |
| Death rate attributable to tobacco | 9 | 65 | 187 | 302 | 293 | 96 |
| Proportion of deaths attributable to tobacco (%) | 19 | 23 | 17 | 9 | 3 | 9 |
| Death rate: All malignant neoplasms | 16 | 103 | 323 | 640 | 982 | 196 |
| Death rate attributable to tobacco | 1 | 21 | 81 | 129 | 152 | 39 |
| Proportion of deaths attributable to tobacco (%) | 7 | 20 | 25 | 20 | 15 | 20 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 22 | 78 | 124 | 137 | 38 |
| Death rate attributable to tobacco | 1 | 15 | 61 | 94 | 98 | 28 |
| Proportion of deaths attributable to tobacco (%) | 27 | 69 | 78 | 76 | 72 | 73 |
| Death rate: All other malignant neoplasms | 14 | 81 | 245 | 516 | 845 | 158 |
| Death rate attributable to tobacco | 0 | 5 | 21 | 35 | 54 | 11 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 8 | 7 | 6 | 7 |
| Death rate: All Cardiovascular diseases | 22 | 144 | 612 | 2,067 | 7,876 | 717 |
| Death rate attributable to tobacco | 8 | 42 | 93 | 136 | 46 | 46 |
| Proportion of deaths attributable to tobacco (%) | 35 | 29 | 15 | 7 | 1 | 6 |
| Death rate: Ischaemic heart disease | 6 | 72 | 327 | 883 | 1,728 | 242 |
| Death rate attributable to tobacco | 2 | 21 | 47 | 55 | 9 | 20 |
| Proportion of deaths attributable to tobacco (%) | 34 | 28 | 15 | 6 | 1 | 8 |
| Death rate: Cerebrovascular disease | 2 | 14 | 80 | 362 | 1,502 | 123 |
| Death rate attributable to tobacco | 0 | 4 | 11 | 22 | 8 | 5 |
| Proportion of deaths attributable to tobacco (%) | 17 | 25 | 14 | 6 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 14 | 58 | 205 | 822 | 4,646 | 353 |
| Death rate attributable to tobacco | 5 | 18 | 35 | 59 | 29 | 20 |
| Proportion of deaths attributable to tobacco (%) | 37 | 31 | 17 | 7 | 1 | 6 |
| Death rate: Respiratory diseases | 5 | 16 | 75 | 280 | 995 | 92 |
| Death rate attributable to tobacco | 0 | 2 | 11 | 36 | 93 | 11 |
| Proportion of deaths attributable to tobacco (%) | 9 | 14 | 15 | 13 | 9 | 11 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 1 | 3 | 12 | 36 | 4 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 7 | 16 | 2 |
| Proportion of deaths attributable to tobacco (%) | 50 | 52 | 60 | 56 | 45 | 51 |
| Death rate: Other respiratory diseases | 5 | 16 | 72 | 267 | 959 | 89 |
| Death rate attributable to tobacco | 0 | 2 | 10 | 29 | 77 | 9 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 13 | 11 | 8 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 110 | 443 | 1,603 | 4,197 | 12,939 | 1,350 | 52 | 224 | 828 | 2,864 | 10,115 | 1,032 |
| Death rate attributable to tobacco | 19 | 129 | 356 | 563 | 839 | 191 | 1 | 7 | 41 | 123 | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 18 | 29 | 22 | 13 | 6 | 14 | 1 | 3 | 5 | 4 | - | 2 |
| <u>Death rate: Communicable diseases</u> | 6 | 20 | 56 | 201 | 996 | 77 | 9 | 10 | 58 | 169 | 796 | 74 |
| Death rate attributable to tobacco | 1 | 3 | 8 | 26 | 132 | 10 | 0 | 0 | 2 | 8 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 15 | 13 | 13 | 13 | 1 | 2 | 3 | 5 | - | 2 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 9 | 14 | 13 | 11 | 11 | 12 | 1 | 1 | 2 | 3 | - | 2 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 14 | 45 | 173 | 834 | 63 | 6 | 8 | 40 | 132 | 650 | 58 |
| Death rate attributable to tobacco | 0 | 3 | 8 | 26 | 131 | 10 | 0 | 0 | 2 | 8 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 13 | 19 | 18 | 15 | 16 | 16 | 2 | 2 | 5 | 6 | - | 2 |
| <u>Death rate: Noncommunicable diseases</u> | 62 | 376 | 1,481 | 3,912 | 11,851 | 1,220 | 37 | 201 | 751 | 2,656 | 9,275 | 942 |
| Death rate attributable to tobacco | 19 | 126 | 348 | 537 | 707 | 181 | 1 | 7 | 39 | 115 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 30 | 34 | 23 | 14 | 6 | 15 | 1 | 3 | 5 | 4 | - | 2 |
| <u>Death rate: All malignant neoplasms</u> | 13 | 101 | 380 | 775 | 1,330 | 222 | 19 | 105 | 270 | 532 | 736 | 173 |
| Death rate attributable to tobacco | 2 | 40 | 157 | 257 | 367 | 77 | 0 | 2 | 12 | 27 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 16 | 40 | 41 | 33 | 28 | 35 | 1 | 2 | 4 | 5 | - | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 37 | 134 | 219 | 280 | 65 | 2 | 8 | 26 | 48 | 36 | 14 |
| Death rate attributable to tobacco | 1 | 30 | 117 | 188 | 237 | 55 | 0 | 2 | 9 | 18 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 41 | 81 | 87 | 86 | 85 | 84 | 7 | 18 | 36 | 38 | - | 27 |
| <u>Death rate: All other malignant neoplasms</u> | 10 | 64 | 246 | 556 | 1,050 | 157 | 17 | 96 | 244 | 484 | 700 | 159 |
| Death rate attributable to tobacco | 1 | 11 | 40 | 69 | 129 | 22 | 0 | 0 | 3 | 8 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 9 | 17 | 16 | 12 | 12 | 14 | 0 | 0 | 1 | 2 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 35 | 222 | 893 | 2,504 | 8,693 | 810 | 11 | 71 | 355 | 1,718 | 7,299 | 634 |
| Death rate attributable to tobacco | 16 | 81 | 169 | 215 | 112 | 83 | 0 | 4 | 24 | 72 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 45 | 37 | 19 | 9 | 1 | 10 | 3 | 6 | 7 | 4 | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 10 | 119 | 504 | 1,244 | 2,073 | 319 | 2 | 28 | 165 | 595 | 1,485 | 172 |
| Death rate attributable to tobacco | 4 | 41 | 89 | 99 | 23 | 39 | 0 | 2 | 10 | 21 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 42 | 34 | 18 | 8 | 1 | 12 | 2 | 5 | 6 | 3 | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 19 | 105 | 414 | 1,662 | 130 | 2 | 10 | 57 | 319 | 1,389 | 117 |
| Death rate attributable to tobacco | 1 | 7 | 18 | 29 | 18 | 9 | 0 | 1 | 4 | 15 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 26 | 35 | 17 | 7 | 1 | 7 | 5 | 7 | 7 | 5 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 22 | 84 | 284 | 845 | 4,957 | 361 | 7 | 33 | 133 | 804 | 4,425 | 345 |
| Death rate attributable to tobacco | 11 | 34 | 62 | 87 | 71 | 36 | 0 | 2 | 10 | 36 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 49 | 40 | 22 | 10 | 1 | 10 | 2 | 7 | 8 | 4 | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 7 | 22 | 101 | 352 | 1,241 | 109 | 4 | 11 | 52 | 222 | 821 | 78 |
| Death rate attributable to tobacco | 1 | 4 | 21 | 62 | 226 | 20 | 0 | 0 | 3 | 16 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 20 | 20 | 18 | 18 | 18 | 2 | 3 | 6 | 7 | - | 3 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 1 | 5 | 18 | 58 | 5 | 0 | 0 | 2 | 8 | 20 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 3 | 12 | 39 | 3 | 0 | 0 | 1 | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 62 | 71 | 70 | 66 | 67 | 67 | 14 | 19 | 32 | 37 | - | 18 |
| <u>Death rate: Other respiratory diseases</u> | 7 | 21 | 97 | 335 | 1,183 | 104 | 4 | 10 | 50 | 214 | 800 | 76 |
| Death rate attributable to tobacco | 1 | 4 | 17 | 50 | 186 | 17 | 0 | 0 | 2 | 13 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 19 | 18 | 15 | 16 | 16 | 2 | 2 | 5 | 6 | - | 2 |

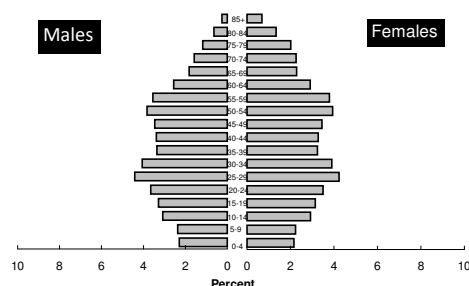
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Czech Republic

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 1,945 | 1,854 | 3,799 |
| 30-44 | 1,102 | 1,061 | 2,163 |
| 45-59 | 1,106 | 1,139 | 2,245 |
| 60-69 | 446 | 530 | 976 |
| 70-79 | 281 | 435 | 716 |
| 80+ | 90 | 206 | 296 |
| Total | 4,969 | 5,225 | 10,195 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1500 per 100,000 population) was about 34.3 times that for communicable diseases (44 per 100,000). Tobacco was responsible for 19% of all NCDs compared with 22% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 412 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 89 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 25% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (446 per 100,000 men aged 30 years and over) compared with women (161 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 26% for men and 10% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 36.5% of those whose death was due to a lower respiratory infection, 58.4% of deaths due to the category of 'all cardiovascular diseases combined', and 88.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 130 | 631 | 1,739 | 4,443 | 13,127 | 1,636 |
| Death rate attributable to tobacco | 17 | 216 | 521 | 823 | 925 | 296 |
| Proportion of deaths attributable to tobacco (%) | 13 | 34 | 30 | 19 | 7 | 18 |
| Death rate: Communicable diseases | 4 | 15 | 33 | 108 | 437 | 44 |
| Death rate attributable to tobacco | 0 | 5 | 8 | 25 | 84 | 10 |
| Proportion of deaths attributable to tobacco (%) | 14 | 30 | 25 | 23 | 19 | 22 |
| Death rate: Tuberculosis | 0 | 1 | 1 | 3 | 6 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 15 | 29 | 23 | 18 | 13 | 20 |
| Death rate: Lower respiratory infections | 2 | 12 | 26 | 94 | 403 | 38 |
| Death rate attributable to tobacco | 0 | 4 | 8 | 24 | 83 | 9 |
| Proportion of deaths attributable to tobacco (%) | 21 | 36 | 31 | 26 | 21 | 25 |
| Death rate: Noncommunicable diseases | 77 | 542 | 1,637 | 4,200 | 12,171 | 1,500 |
| Death rate attributable to tobacco | 16 | 211 | 512 | 798 | 841 | 286 |
| Proportion of deaths attributable to tobacco (%) | 21 | 39 | 31 | 19 | 7 | 19 |
| Death rate: All malignant neoplasms | 30 | 252 | 715 | 1,339 | 2,099 | 455 |
| Death rate attributable to tobacco | 4 | 93 | 247 | 333 | 319 | 124 |
| Proportion of deaths attributable to tobacco (%) | 14 | 37 | 35 | 25 | 15 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 61 | 185 | 255 | 216 | 89 |
| Death rate attributable to tobacco | 2 | 54 | 168 | 225 | 175 | 79 |
| Proportion of deaths attributable to tobacco (%) | 51 | 89 | 91 | 88 | 81 | 88 |
| Death rate: All other malignant neoplasms | 27 | 191 | 530 | 1,084 | 1,883 | 366 |
| Death rate attributable to tobacco | 2 | 38 | 79 | 109 | 145 | 45 |
| Proportion of deaths attributable to tobacco (%) | 9 | 20 | 15 | 10 | 8 | 12 |
| Death rate: All Cardiovascular diseases | 23 | 186 | 696 | 2,370 | 8,940 | 859 |
| Death rate attributable to tobacco | 12 | 108 | 232 | 383 | 361 | 137 |
| Proportion of deaths attributable to tobacco (%) | 51 | 58 | 33 | 16 | 4 | 16 |
| Death rate: Ischaemic heart disease | 9 | 117 | 421 | 1,223 | 3,594 | 412 |
| Death rate attributable to tobacco | 5 | 67 | 138 | 186 | 173 | 75 |
| Proportion of deaths attributable to tobacco (%) | 55 | 58 | 33 | 15 | 5 | 18 |
| Death rate: Cerebrovascular disease | 4 | 29 | 146 | 637 | 2,648 | 228 |
| Death rate attributable to tobacco | 1 | 17 | 48 | 104 | 15 | 26 |
| Proportion of deaths attributable to tobacco (%) | 34 | 58 | 33 | 16 | 1 | 11 |
| Death rate: Other cardiovascular diseases | 10 | 40 | 129 | 510 | 2,698 | 219 |
| Death rate attributable to tobacco | 5 | 24 | 47 | 92 | 173 | 36 |
| Proportion of deaths attributable to tobacco (%) | 53 | 61 | 36 | 18 | 6 | 16 |
| Death rate: Respiratory diseases | 1 | 14 | 44 | 111 | 240 | 35 |
| Death rate attributable to tobacco | 1 | 9 | 29 | 73 | 146 | 23 |
| Proportion of deaths attributable to tobacco (%) | 41 | 66 | 66 | 66 | 61 | 64 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 8 | 30 | 84 | 185 | 26 |
| Death rate attributable to tobacco | 0 | 7 | 24 | 66 | 134 | 20 |
| Proportion of deaths attributable to tobacco (%) | 70 | 85 | 82 | 79 | 73 | 78 |
| Death rate: Other respiratory diseases | 1 | 5 | 14 | 27 | 55 | 10 |
| Death rate attributable to tobacco | 0 | 2 | 4 | 7 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 22 | 35 | 32 | 26 | 21 | 27 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 181 | 896 | 2,468 | 5,814 | 14,980 | 1,742 | 77 | 373 | 1,124 | 3,557 | 12,321 | 1,540 |
| Death rate attributable to tobacco | 31 | 360 | 908 | 1,381 | 1,366 | 446 | 2 | 75 | 195 | 463 | 733 | 161 |
| Proportion of deaths attributable to tobacco (%) | 17 | 40 | 37 | 24 | 9 | 26 | 3 | 20 | 17 | 13 | 6 | 10 |
| <u>Death rate: Communicable diseases</u> | 5 | 22 | 48 | 156 | 559 | 48 | 2 | 8 | 21 | 76 | 383 | 40 |
| Death rate attributable to tobacco | 1 | 8 | 15 | 42 | 133 | 13 | 0 | 2 | 3 | 14 | 62 | 7 |
| Proportion of deaths attributable to tobacco (%) | 18 | 35 | 30 | 27 | 24 | 27 | 4 | 19 | 16 | 18 | 16 | 17 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 1 | 4 | 8 | 1 | 0 | 0 | 1 | 2 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 20 | 32 | 29 | 23 | 19 | 26 | 4 | 14 | 11 | 12 | 10 | 11 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 17 | 38 | 135 | 523 | 41 | 1 | 6 | 16 | 67 | 351 | 35 |
| Death rate attributable to tobacco | 1 | 7 | 14 | 41 | 131 | 13 | 0 | 1 | 3 | 14 | 62 | 7 |
| Proportion of deaths attributable to tobacco (%) | 27 | 41 | 37 | 30 | 25 | 31 | 7 | 25 | 20 | 21 | 18 | 19 |
| <u>Death rate: Noncommunicable diseases</u> | 95 | 755 | 2,310 | 5,481 | 13,857 | 1,572 | 58 | 336 | 1,069 | 3,374 | 11,438 | 1,435 |
| Death rate attributable to tobacco | 30 | 353 | 893 | 1,339 | 1,233 | 433 | 2 | 74 | 191 | 449 | 671 | 155 |
| Proportion of deaths attributable to tobacco (%) | 31 | 47 | 39 | 24 | 9 | 28 | 4 | 22 | 18 | 13 | 6 | 11 |
| <u>Death rate: All malignant neoplasms</u> | 29 | 316 | 990 | 1,873 | 3,023 | 536 | 31 | 190 | 484 | 995 | 1,697 | 382 |
| Death rate attributable to tobacco | 7 | 157 | 461 | 671 | 751 | 213 | 1 | 30 | 67 | 115 | 132 | 44 |
| Proportion of deaths attributable to tobacco (%) | 25 | 50 | 47 | 36 | 25 | 40 | 3 | 16 | 14 | 12 | 8 | 11 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 96 | 329 | 488 | 468 | 145 | 2 | 27 | 64 | 104 | 106 | 40 |
| Death rate attributable to tobacco | 3 | 89 | 311 | 457 | 425 | 135 | 0 | 20 | 48 | 74 | 66 | 28 |
| Proportion of deaths attributable to tobacco (%) | 63 | 93 | 95 | 94 | 91 | 93 | 23 | 75 | 74 | 71 | 62 | 71 |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 220 | 662 | 1,385 | 2,555 | 391 | 29 | 163 | 420 | 890 | 1,591 | 342 |
| Death rate attributable to tobacco | 4 | 68 | 150 | 214 | 325 | 78 | 0 | 10 | 19 | 40 | 66 | 16 |
| Proportion of deaths attributable to tobacco (%) | 18 | 31 | 23 | 15 | 13 | 20 | 1 | 6 | 5 | 5 | 4 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 33 | 289 | 1,013 | 2,977 | 9,485 | 825 | 12 | 86 | 429 | 1,978 | 8,704 | 889 |
| Death rate attributable to tobacco | 21 | 179 | 377 | 526 | 200 | 184 | 1 | 40 | 111 | 291 | 432 | 95 |
| Proportion of deaths attributable to tobacco (%) | 65 | 62 | 37 | 18 | 2 | 22 | 11 | 46 | 26 | 15 | 5 | 11 |
| <u>Death rate: Ischaemic heart disease</u> | 14 | 194 | 651 | 1,683 | 4,153 | 452 | 3 | 41 | 227 | 926 | 3,351 | 375 |
| Death rate attributable to tobacco | 9 | 118 | 236 | 292 | 80 | 111 | 0 | 18 | 54 | 118 | 213 | 43 |
| Proportion of deaths attributable to tobacco (%) | 65 | 61 | 36 | 17 | 2 | 25 | 7 | 43 | 24 | 13 | 6 | 11 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 40 | 201 | 754 | 2,621 | 194 | 3 | 18 | 100 | 562 | 2,660 | 258 |
| Death rate attributable to tobacco | 2 | 25 | 72 | 118 | 51 | 33 | 1 | 9 | 27 | 96 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 46 | 62 | 36 | 16 | 2 | 17 | 18 | 50 | 27 | 17 | - | 8 |
| <u>Death rate: Other cardiovascular diseases</u> | 14 | 54 | 161 | 540 | 2,711 | 179 | 6 | 26 | 102 | 491 | 2,693 | 255 |
| Death rate attributable to tobacco | 10 | 36 | 68 | 115 | 68 | 40 | 1 | 13 | 29 | 78 | 218 | 33 |
| Proportion of deaths attributable to tobacco (%) | 70 | 67 | 42 | 21 | 3 | 22 | 9 | 49 | 29 | 16 | 8 | 13 |
| <u>Death rate: Respiratory diseases</u> | 2 | 20 | 69 | 183 | 389 | 47 | 1 | 7 | 22 | 65 | 176 | 25 |
| Death rate attributable to tobacco | 1 | 14 | 49 | 130 | 261 | 33 | 0 | 4 | 12 | 37 | 96 | 14 |
| Proportion of deaths attributable to tobacco (%) | 47 | 72 | 71 | 71 | 67 | 70 | 21 | 50 | 52 | 56 | 55 | 54 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 13 | 48 | 143 | 306 | 34 | 0 | 4 | 14 | 46 | 132 | 18 |
| Death rate attributable to tobacco | 1 | 12 | 41 | 118 | 240 | 29 | 0 | 3 | 10 | 33 | 88 | 12 |
| Proportion of deaths attributable to tobacco (%) | 80 | 88 | 86 | 82 | 79 | 83 | 41 | 75 | 70 | 71 | 67 | 69 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 7 | 21 | 40 | 83 | 12 | 0 | 4 | 8 | 19 | 43 | 8 |
| Death rate attributable to tobacco | 0 | 3 | 8 | 12 | 21 | 4 | 0 | 1 | 2 | 4 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | 27 | 41 | 37 | 30 | 25 | 33 | 7 | 25 | 20 | 21 | 18 | 20 |

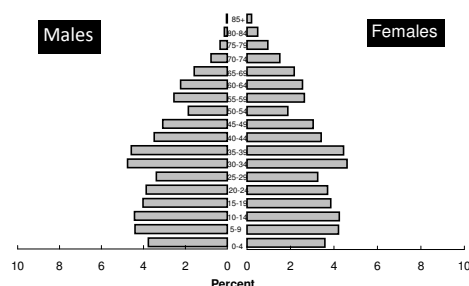
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Democratic People's Republic of Korea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 5,610 | 5,373 | 10,983 |
| 30-44 | 3,017 | 2,926 | 5,943 |
| 45-59 | 1,758 | 1,777 | 3,535 |
| 60-69 | 893 | 1,113 | 2,006 |
| 70-79 | 263 | 580 | 843 |
| 80+ | 40 | 165 | 204 |
| Total | 11,581 | 11,933 | 23,514 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1082 per 100,000 population) was about 2.9 times that for communicable diseases (367 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 7% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 241 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 28 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 13% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (187 per 100,000 men aged 30 years and over) compared with women (173 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 13% for men and 11% for women.

- Among those who died prematurely, almost one in every 19 deaths among those aged 30-44 and one in 8 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 10.3% of those whose death was due to a lower respiratory infection, 22.5% of deaths due to the category of 'all cardiovascular diseases combined', and 62.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 310 | 978 | 2,637 | 6,309 | 15,955 | 1,530 |
| Death rate attributable to tobacco | 17 | 127 | 393 | 805 | 1,172 | 180 |
| Proportion of deaths attributable to tobacco (%) | 5 | 13 | 15 | 13 | 7 | 12 |
| Death rate: Communicable diseases | 94 | 211 | 566 | 1,478 | 4,497 | 367 |
| Death rate attributable to tobacco | 1 | 7 | 42 | 162 | 412 | 27 |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 7 | 11 | 9 | 7 |
| Death rate: Tuberculosis | 11 | 21 | 32 | 80 | 84 | 23 |
| Death rate attributable to tobacco | 0 | 2 | 3 | 7 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 4 | 7 | 10 | 9 | 8 | 8 |
| Death rate: Lower respiratory infections | 12 | 54 | 269 | 986 | 3,547 | 188 |
| Death rate attributable to tobacco | 1 | 6 | 37 | 152 | 402 | 25 |
| Proportion of deaths attributable to tobacco (%) | 7 | 10 | 14 | 15 | 11 | 13 |
| Death rate: Noncommunicable diseases | 157 | 691 | 1,981 | 4,671 | 11,156 | 1,082 |
| Death rate attributable to tobacco | 15 | 120 | 351 | 644 | 759 | 153 |
| Proportion of deaths attributable to tobacco (%) | 10 | 17 | 18 | 14 | 7 | 14 |
| Death rate: All malignant neoplasms | 34 | 152 | 366 | 597 | 883 | 172 |
| Death rate attributable to tobacco | 2 | 23 | 89 | 135 | 116 | 32 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 24 | 23 | 13 | 19 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 19 | 73 | 118 | 107 | 28 |
| Death rate attributable to tobacco | 1 | 12 | 56 | 88 | 67 | 20 |
| Proportion of deaths attributable to tobacco (%) | 27 | 63 | 77 | 74 | 62 | 71 |
| Death rate: All other malignant neoplasms | 32 | 133 | 293 | 479 | 775 | 144 |
| Death rate attributable to tobacco | 1 | 11 | 33 | 47 | 50 | 13 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 11 | 10 | 6 | 9 |
| Death rate: All Cardiovascular diseases | 67 | 322 | 1,037 | 2,683 | 6,904 | 581 |
| Death rate attributable to tobacco | 12 | 72 | 167 | 266 | 199 | 74 |
| Proportion of deaths attributable to tobacco (%) | 18 | 23 | 16 | 10 | 3 | 13 |
| Death rate: Ischaemic heart disease | 27 | 145 | 463 | 1,070 | 2,569 | 241 |
| Death rate attributable to tobacco | 5 | 31 | 70 | 94 | 81 | 30 |
| Proportion of deaths attributable to tobacco (%) | 17 | 21 | 15 | 9 | 3 | 12 |
| Death rate: Cerebrovascular disease | 11 | 70 | 247 | 660 | 1,403 | 132 |
| Death rate attributable to tobacco | 2 | 16 | 40 | 73 | 2 | 17 |
| Proportion of deaths attributable to tobacco (%) | 16 | 23 | 16 | 11 | 0 | 13 |
| Death rate: Other cardiovascular diseases | 29 | 107 | 327 | 952 | 2,932 | 208 |
| Death rate attributable to tobacco | 5 | 25 | 56 | 100 | 116 | 27 |
| Proportion of deaths attributable to tobacco (%) | 19 | 23 | 17 | 10 | 4 | 13 |
| Death rate: Respiratory diseases | 10 | 65 | 210 | 563 | 1,624 | 121 |
| Death rate attributable to tobacco | 2 | 23 | 88 | 226 | 426 | 43 |
| Proportion of deaths attributable to tobacco (%) | 16 | 35 | 42 | 40 | 26 | 36 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 37 | 120 | 293 | 543 | 59 |
| Death rate attributable to tobacco | 1 | 20 | 75 | 186 | 303 | 36 |
| Proportion of deaths attributable to tobacco (%) | 43 | 54 | 63 | 63 | 56 | 60 |
| Death rate: Other respiratory diseases | 8 | 28 | 90 | 270 | 1,081 | 62 |
| Death rate attributable to tobacco | 1 | 3 | 13 | 41 | 122 | 8 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 14 | 15 | 11 | 13 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 350 | 1,158 | 3,157 | 7,191 | 16,766 | 1,419 | 269 | 799 | 2,220 | 5,910 | 15,758 | 1,631 |
| Death rate attributable to tobacco | 20 | 174 | 510 | 902 | 1,499 | 187 | 14 | 80 | 300 | 762 | 1,092 | 173 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 16 | 13 | 9 | 13 | 5 | 10 | 13 | 13 | 7 | 11 |
| <u>Death rate: Communicable diseases</u> | 79 | 250 | 692 | 1,685 | 4,656 | 322 | 109 | 173 | 465 | 1,383 | 4,459 | 409 |
| Death rate attributable to tobacco | 1 | 10 | 50 | 140 | 495 | 20 | 1 | 5 | 36 | 171 | 392 | 33 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 7 | 8 | 11 | 6 | 1 | 3 | 8 | 12 | 9 | 8 |
| <u>Death rate: Tuberculosis</u> | 14 | 28 | 53 | 166 | 248 | 32 | 8 | 14 | 15 | 41 | 44 | 14 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 15 | 23 | 3 | 0 | 1 | 1 | 4 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 10 | 9 | 9 | 8 | 6 | 5 | 7 | 9 | 6 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 16 | 59 | 290 | 936 | 3,654 | 134 | 8 | 49 | 252 | 1,009 | 3,521 | 237 |
| Death rate attributable to tobacco | 1 | 7 | 42 | 120 | 464 | 17 | 1 | 4 | 34 | 166 | 387 | 32 |
| Proportion of deaths attributable to tobacco (%) | 5 | 12 | 14 | 13 | 13 | 13 | 12 | 9 | 13 | 16 | 11 | 13 |
| <u>Death rate: Noncommunicable diseases</u> | 180 | 802 | 2,345 | 5,315 | 11,764 | 990 | 133 | 581 | 1,688 | 4,380 | 11,009 | 1,166 |
| Death rate attributable to tobacco | 19 | 164 | 460 | 762 | 1,004 | 167 | 12 | 75 | 264 | 590 | 700 | 140 |
| Proportion of deaths attributable to tobacco (%) | 10 | 20 | 20 | 14 | 9 | 17 | 9 | 13 | 16 | 13 | 6 | 12 |
| <u>Death rate: All malignant neoplasms</u> | 28 | 144 | 412 | 697 | 1,047 | 156 | 39 | 160 | 330 | 551 | 843 | 187 |
| Death rate attributable to tobacco | 2 | 36 | 146 | 236 | 300 | 46 | 2 | 9 | 44 | 89 | 72 | 20 |
| Proportion of deaths attributable to tobacco (%) | 6 | 25 | 35 | 34 | 29 | 29 | 5 | 6 | 13 | 16 | 8 | 11 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 25 | 107 | 188 | 227 | 34 | 2 | 13 | 46 | 86 | 78 | 22 |
| Death rate attributable to tobacco | 0 | 18 | 90 | 157 | 185 | 27 | 1 | 6 | 30 | 57 | 38 | 13 |
| Proportion of deaths attributable to tobacco (%) | 18 | 71 | 84 | 83 | 81 | 79 | 35 | 46 | 64 | 66 | 49 | 59 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 119 | 304 | 510 | 820 | 122 | 37 | 147 | 284 | 465 | 764 | 165 |
| Death rate attributable to tobacco | 1 | 18 | 56 | 79 | 115 | 19 | 1 | 4 | 14 | 32 | 34 | 8 |
| Proportion of deaths attributable to tobacco (%) | 5 | 15 | 18 | 16 | 14 | 15 | 3 | 2 | 5 | 7 | 4 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 82 | 394 | 1,212 | 2,900 | 6,816 | 512 | 51 | 250 | 896 | 2,584 | 6,925 | 645 |
| Death rate attributable to tobacco | 15 | 96 | 177 | 199 | 63 | 72 | 8 | 49 | 159 | 297 | 232 | 76 |
| Proportion of deaths attributable to tobacco (%) | 19 | 24 | 15 | 7 | 1 | 14 | 16 | 20 | 18 | 11 | 3 | 12 |
| <u>Death rate: Ischaemic heart disease</u> | 36 | 191 | 562 | 1,274 | 2,720 | 233 | 17 | 99 | 383 | 978 | 2,532 | 249 |
| Death rate attributable to tobacco | 7 | 45 | 79 | 86 | 23 | 32 | 2 | 18 | 63 | 97 | 95 | 27 |
| Proportion of deaths attributable to tobacco (%) | 19 | 23 | 14 | 7 | 1 | 14 | 12 | 18 | 16 | 10 | 4 | 11 |
| <u>Death rate: Cerebrovascular disease</u> | 14 | 84 | 280 | 699 | 1,384 | 114 | 8 | 57 | 220 | 643 | 1,408 | 148 |
| Death rate attributable to tobacco | 1 | 20 | 39 | 42 | 12 | 14 | 2 | 12 | 42 | 87 | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 10 | 24 | 14 | 6 | 1 | 13 | 28 | 22 | 19 | 13 | - | 13 |
| <u>Death rate: Other cardiovascular diseases</u> | 31 | 119 | 370 | 927 | 2,712 | 165 | 26 | 95 | 293 | 963 | 2,985 | 247 |
| Death rate attributable to tobacco | 7 | 31 | 59 | 72 | 28 | 25 | 4 | 19 | 54 | 112 | 137 | 30 |
| Proportion of deaths attributable to tobacco (%) | 22 | 26 | 16 | 8 | 1 | 15 | 15 | 20 | 19 | 12 | 5 | 12 |
| <u>Death rate: Respiratory diseases</u> | 11 | 77 | 290 | 771 | 1,829 | 118 | 9 | 53 | 145 | 468 | 1,574 | 124 |
| Death rate attributable to tobacco | 1 | 30 | 129 | 313 | 617 | 47 | 2 | 16 | 55 | 187 | 379 | 40 |
| Proportion of deaths attributable to tobacco (%) | 12 | 39 | 44 | 41 | 34 | 40 | 21 | 29 | 38 | 40 | 24 | 33 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 44 | 172 | 438 | 790 | 65 | 2 | 29 | 77 | 227 | 483 | 54 |
| Death rate attributable to tobacco | 1 | 26 | 112 | 270 | 485 | 40 | 1 | 14 | 46 | 147 | 260 | 32 |
| Proportion of deaths attributable to tobacco (%) | 34 | 59 | 65 | 62 | 61 | 62 | 55 | 47 | 59 | 65 | 54 | 58 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 32 | 118 | 333 | 1,039 | 53 | 7 | 24 | 68 | 241 | 1,092 | 70 |
| Death rate attributable to tobacco | 0 | 4 | 17 | 43 | 132 | 7 | 1 | 2 | 9 | 40 | 120 | 9 |
| Proportion of deaths attributable to tobacco (%) | 5 | 12 | 14 | 13 | 13 | 13 | 12 | 9 | 13 | 16 | 11 | 13 |

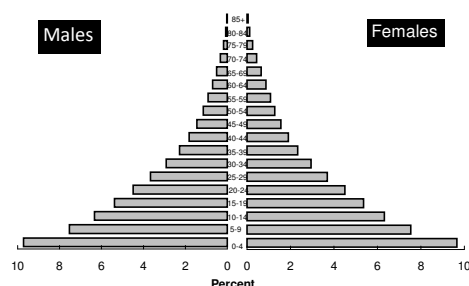
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Democratic Republic of the Congo

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 21,132 | 21,100 | 42,233 |
| 30-44 | 3,989 | 4,082 | 8,072 |
| 45-59 | 1,999 | 2,231 | 4,231 |
| 60-69 | 687 | 860 | 1,548 |
| 70-79 | 286 | 396 | 681 |
| 80+ | 57 | 97 | 154 |
| Total | 28,151 | 28,767 | 56,918 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1196 per 100,000 population) was about 1.2 times that for communicable diseases (1031 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 163 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 42% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (113 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

- Among those who died prematurely, almost one in every 47 deaths among those aged 30-44 and one in 28 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.4% of those whose death was due to a lower respiratory infection, 8.2% of deaths due to the category of 'all cardiovascular diseases combined', and 46.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,494 | 2,209 | 4,205 | 8,770 | 18,926 | 2,506 |
| Death rate attributable to tobacco | 32 | 78 | 134 | - | - | 54 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 3 | - | - | 2 |
| Death rate: Communicable diseases | 912 | 1,017 | 1,252 | 1,706 | 2,522 | 1,031 |
| Death rate attributable to tobacco | 10 | 16 | 24 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 2 | - | - | 1 |
| Death rate: Tuberculosis | 125 | 157 | 174 | 214 | 214 | 145 |
| Death rate attributable to tobacco | 5 | 6 | 5 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 4 | 4 | 3 | - | - | 3 |
| Death rate: Lower respiratory infections | 66 | 212 | 510 | 806 | 1,405 | 203 |
| Death rate attributable to tobacco | 5 | 9 | 19 | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 4 | - | - | 4 |
| Death rate: Noncommunicable diseases | 295 | 951 | 2,664 | 6,731 | 15,960 | 1,196 |
| Death rate attributable to tobacco | 22 | 62 | 111 | - | - | 42 |
| Proportion of deaths attributable to tobacco (%) | 7 | 7 | 4 | - | - | 3 |
| Death rate: All malignant neoplasms | 44 | 206 | 546 | 1,207 | 2,115 | 219 |
| Death rate attributable to tobacco | 3 | 14 | 30 | - | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 5 | - | - | 4 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 10 | 28 | 13 | 16 | 8 |
| Death rate attributable to tobacco | 0 | 5 | 15 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 23 | 47 | 53 | - | - | 42 |
| Death rate: All other malignant neoplasms | 43 | 196 | 518 | 1,194 | 2,099 | 212 |
| Death rate attributable to tobacco | 2 | 9 | 15 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 3 | - | - | 3 |
| Death rate: All Cardiovascular diseases | 97 | 385 | 1,181 | 3,328 | 8,968 | 537 |
| Death rate attributable to tobacco | 15 | 31 | 32 | - | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 3 | - | - | 4 |
| Death rate: Ischaemic heart disease | 18 | 128 | 426 | 1,030 | 2,239 | 163 |
| Death rate attributable to tobacco | 4 | 12 | 13 | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 21 | 10 | 3 | - | - | 4 |
| Death rate: Cerebrovascular disease | 39 | 144 | 439 | 1,238 | 3,196 | 200 |
| Death rate attributable to tobacco | 4 | 11 | 10 | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 2 | - | - | 3 |
| Death rate: Other cardiovascular diseases | 39 | 112 | 316 | 1,059 | 3,533 | 173 |
| Death rate attributable to tobacco | 7 | 8 | 8 | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 19 | 7 | 3 | - | - | 4 |
| Death rate: Respiratory diseases | 39 | 107 | 306 | 720 | 1,489 | 133 |
| Death rate attributable to tobacco | 4 | 16 | 46 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 11 | 15 | 15 | - | - | 9 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 41 | 150 | 367 | 688 | 56 |
| Death rate attributable to tobacco | 3 | 13 | 41 | - | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 33 | 32 | 28 | - | - | 17 |
| Death rate: Other respiratory diseases | 31 | 65 | 156 | 353 | 801 | 77 |
| Death rate attributable to tobacco | 1 | 3 | 5 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 3 | - | - | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,773 | 2,708 | 4,978 | 9,736 | 20,529 | 2,829 | 1,223 | 1,761 | 3,588 | 8,072 | 17,985 | 2,210 |
| Death rate attributable to tobacco | 64 | 165 | 302 | - | - | 113 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 6 | - | - | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 904 | 1,271 | 1,656 | 2,162 | 3,136 | 1,151 | 919 | 789 | 929 | 1,377 | 2,162 | 922 |
| Death rate attributable to tobacco | 20 | 33 | 53 | - | - | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 3 | - | - | 2 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 170 | 250 | 247 | 363 | 410 | 210 | 82 | 73 | 115 | 106 | 99 | 85 |
| Death rate attributable to tobacco | 10 | 13 | 10 | - | - | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 4 | - | - | 5 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 119 | 267 | 728 | 1,023 | 1,713 | 271 | 15 | 162 | 336 | 650 | 1,224 | 142 |
| Death rate attributable to tobacco | 10 | 20 | 43 | - | - | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 7 | 6 | - | - | 6 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 354 | 1,051 | 2,894 | 7,113 | 16,862 | 1,210 | 238 | 862 | 2,481 | 6,455 | 15,430 | 1,184 |
| Death rate attributable to tobacco | 44 | 132 | 249 | - | - | 87 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 13 | 13 | 9 | - | - | 7 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 42 | 211 | 624 | 1,492 | 3,029 | 231 | 46 | 201 | 483 | 1,002 | 1,579 | 209 |
| Death rate attributable to tobacco | 5 | 29 | 67 | - | - | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 14 | 11 | - | - | 8 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 17 | 50 | 29 | 41 | 13 | 1 | 4 | 10 | 2 | 2 | 3 |
| Death rate attributable to tobacco | 1 | 10 | 33 | - | - | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 29 | 59 | 66 | - | - | 51 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 40 | 194 | 573 | 1,462 | 2,988 | 218 | 45 | 197 | 473 | 1,000 | 1,577 | 206 |
| Death rate attributable to tobacco | 4 | 19 | 34 | - | - | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 6 | - | - | 5 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 110 | 413 | 1,200 | 3,157 | 8,422 | 495 | 84 | 360 | 1,166 | 3,451 | 9,288 | 576 |
| Death rate attributable to tobacco | 30 | 67 | 72 | - | - | 43 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 27 | 16 | 6 | - | - | 9 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 26 | 173 | 521 | 1,259 | 2,550 | 187 | 11 | 89 | 351 | 865 | 2,056 | 142 |
| Death rate attributable to tobacco | 8 | 26 | 30 | - | - | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 31 | 15 | 6 | - | - | 8 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 43 | 147 | 413 | 1,053 | 2,669 | 171 | 36 | 142 | 459 | 1,372 | 3,505 | 227 |
| Death rate attributable to tobacco | 7 | 23 | 23 | - | - | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 16 | 6 | - | - | 8 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 42 | 93 | 266 | 845 | 3,204 | 137 | 37 | 129 | 356 | 1,214 | 3,727 | 207 |
| Death rate attributable to tobacco | 15 | 17 | 19 | - | - | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 36 | 18 | 7 | - | - | 11 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 47 | 142 | 423 | 991 | 1,981 | 165 | 31 | 75 | 212 | 524 | 1,201 | 104 |
| Death rate attributable to tobacco | 8 | 34 | 104 | - | - | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 18 | 24 | 25 | - | - | 15 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 11 | 61 | 230 | 557 | 1,046 | 77 | 5 | 24 | 85 | 230 | 478 | 37 |
| Death rate attributable to tobacco | 5 | 28 | 93 | - | - | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 49 | 46 | 40 | - | - | 26 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 36 | 81 | 192 | 435 | 935 | 87 | 26 | 51 | 127 | 294 | 723 | 67 |
| Death rate attributable to tobacco | 3 | 6 | 11 | - | - | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 7 | 6 | - | - | 5 | - | - | - | - | - | - |

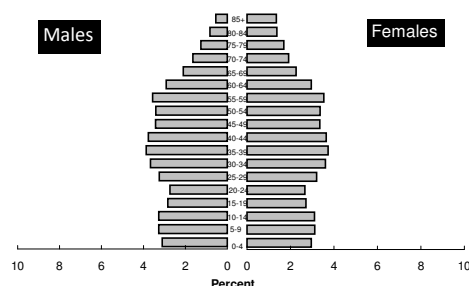
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Denmark

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 998 | 959 | 1,956 |
| 30-44 | 611 | 594 | 1,205 |
| 45-59 | 562 | 554 | 1,116 |
| 60-69 | 271 | 282 | 553 |
| 70-79 | 156 | 195 | 352 |
| 80+ | 74 | 147 | 222 |
| Total | 2,672 | 2,731 | 5,403 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1487 per 100,000 population) was about 26.1 times that for communicable diseases (57 per 100,000). Tobacco was responsible for 23% of all NCDs compared with 23% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 290 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 102 deaths per 100,000 population but with 89% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 33% of all lower respiratory infection deaths and 23% of all tuberculosis deaths.

- The death rate due to tobacco in men was (368 per 100,000 men aged 30 years and over) compared with women (348 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 23% for men and 21% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 30.1% of those whose death was due to a lower respiratory infection, 51.7% of deaths due to the category of 'all cardiovascular diseases combined', and 86.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 115 | 511 | 1,458 | 4,020 | 12,020 | 1,623 |
| Death rate attributable to tobacco | 11 | 141 | 472 | 1,196 | 1,720 | 358 |
| Proportion of deaths attributable to tobacco (%) | 10 | 28 | 32 | 30 | 14 | 22 |
| Death rate: Communicable diseases | 3 | 8 | 15 | 92 | 646 | 57 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 21 | 163 | 13 |
| Proportion of deaths attributable to tobacco (%) | 2 | 12 | 15 | 23 | 25 | 23 |
| Death rate: Tuberculosis | 0 | 1 | 0 | 4 | 6 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 9 | 23 | 26 | 25 | 21 | 23 |
| Death rate: Lower respiratory infections | 0 | 2 | 6 | 56 | 498 | 40 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 20 | 161 | 13 |
| Proportion of deaths attributable to tobacco (%) | 18 | 30 | 32 | 36 | 32 | 33 |
| Death rate: Noncommunicable diseases | 72 | 456 | 1,395 | 3,818 | 10,905 | 1,487 |
| Death rate attributable to tobacco | 11 | 140 | 470 | 1,175 | 1,557 | 345 |
| Proportion of deaths attributable to tobacco (%) | 15 | 31 | 34 | 31 | 14 | 23 |
| Death rate: All malignant neoplasms | 27 | 216 | 643 | 1,356 | 2,116 | 457 |
| Death rate attributable to tobacco | 3 | 71 | 229 | 453 | 451 | 136 |
| Proportion of deaths attributable to tobacco (%) | 12 | 33 | 36 | 33 | 21 | 30 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 52 | 180 | 345 | 313 | 102 |
| Death rate attributable to tobacco | 2 | 45 | 163 | 314 | 272 | 91 |
| Proportion of deaths attributable to tobacco (%) | 49 | 87 | 91 | 91 | 87 | 89 |
| Death rate: All other malignant neoplasms | 24 | 164 | 463 | 1,011 | 1,803 | 355 |
| Death rate attributable to tobacco | 2 | 26 | 66 | 139 | 179 | 45 |
| Proportion of deaths attributable to tobacco (%) | 7 | 16 | 14 | 14 | 10 | 13 |
| Death rate: All Cardiovascular diseases | 15 | 104 | 412 | 1,437 | 5,916 | 632 |
| Death rate attributable to tobacco | 7 | 54 | 142 | 347 | 503 | 110 |
| Proportion of deaths attributable to tobacco (%) | 44 | 52 | 34 | 24 | 8 | 17 |
| Death rate: Ischaemic heart disease | 5 | 49 | 205 | 703 | 2,617 | 290 |
| Death rate attributable to tobacco | 2 | 23 | 65 | 152 | 257 | 51 |
| Proportion of deaths attributable to tobacco (%) | 44 | 48 | 32 | 22 | 10 | 18 |
| Death rate: Cerebrovascular disease | 4 | 23 | 87 | 352 | 1,474 | 153 |
| Death rate attributable to tobacco | 1 | 13 | 31 | 92 | 11 | 20 |
| Proportion of deaths attributable to tobacco (%) | 37 | 54 | 35 | 26 | 1 | 13 |
| Death rate: Other cardiovascular diseases | 7 | 32 | 120 | 382 | 1,825 | 188 |
| Death rate attributable to tobacco | 3 | 18 | 45 | 103 | 235 | 40 |
| Proportion of deaths attributable to tobacco (%) | 49 | 55 | 38 | 27 | 13 | 21 |
| Death rate: Respiratory diseases | 2 | 19 | 119 | 443 | 751 | 120 |
| Death rate attributable to tobacco | 1 | 14 | 92 | 353 | 557 | 91 |
| Proportion of deaths attributable to tobacco (%) | 33 | 73 | 78 | 80 | 74 | 77 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 15 | 105 | 399 | 633 | 103 |
| Death rate attributable to tobacco | 0 | 13 | 88 | 337 | 519 | 86 |
| Proportion of deaths attributable to tobacco (%) | 68 | 83 | 84 | 85 | 82 | 83 |
| Death rate: Other respiratory diseases | 1 | 4 | 14 | 44 | 117 | 16 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 16 | 38 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 33 | 34 | 35 | 32 | 33 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 150 | 625 | 1,776 | 4,938 | 13,689 | 1,620 | 79 | 396 | 1,153 | 3,284 | 11,178 | 1,625 |
| Death rate attributable to tobacco | 16 | 175 | 553 | 1,372 | 1,933 | 368 | 6 | 107 | 395 | 1,055 | 1,612 | 348 |
| Proportion of deaths attributable to tobacco (%) | 11 | 28 | 31 | 28 | 14 | 23 | 7 | 27 | 34 | 32 | 14 | 21 |
| <u>Death rate: Communicable diseases</u> | 4 | 11 | 19 | 104 | 684 | 48 | 3 | 4 | 11 | 82 | 628 | 65 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 20 | 153 | 9 | 0 | 1 | 2 | 22 | 168 | 17 |
| Proportion of deaths attributable to tobacco (%) | 1 | 10 | 12 | 19 | 22 | 19 | 3 | 17 | 19 | 27 | 27 | 26 |
| <u>Death rate: Tuberculosis</u> | - | 1 | - | 4 | 8 | 1 | 0 | 1 | 1 | 4 | 4 | 1 |
| Death rate attributable to tobacco | - | 0 | - | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 20 | | 22 | 21 | 21 | 9 | 26 | 26 | 28 | 22 | 24 |
| <u>Death rate: Lower respiratory infections</u> | 0 | 3 | 8 | 66 | 553 | 33 | 0 | 1 | 5 | 48 | 471 | 46 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 19 | 151 | 9 | 0 | 0 | 2 | 21 | 167 | 17 |
| Proportion of deaths attributable to tobacco (%) | 19 | 27 | 27 | 29 | 27 | 28 | 17 | 40 | 40 | 44 | 35 | 36 |
| <u>Death rate: Noncommunicable diseases</u> | 85 | 544 | 1,696 | 4,697 | 12,481 | 1,480 | 59 | 367 | 1,106 | 3,113 | 10,111 | 1,494 |
| Death rate attributable to tobacco | 16 | 174 | 551 | 1,352 | 1,781 | 359 | 5 | 107 | 392 | 1,033 | 1,444 | 331 |
| Proportion of deaths attributable to tobacco (%) | 19 | 32 | 32 | 29 | 14 | 24 | 9 | 29 | 35 | 33 | 14 | 22 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 213 | 720 | 1,649 | 2,831 | 476 | 31 | 219 | 569 | 1,121 | 1,756 | 439 |
| Death rate attributable to tobacco | 4 | 84 | 295 | 620 | 761 | 169 | 2 | 57 | 166 | 319 | 294 | 105 |
| Proportion of deaths attributable to tobacco (%) | 18 | 39 | 41 | 38 | 27 | 36 | 7 | 26 | 29 | 28 | 17 | 24 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 55 | 218 | 461 | 519 | 121 | 3 | 49 | 144 | 252 | 209 | 84 |
| Death rate attributable to tobacco | 2 | 48 | 200 | 430 | 477 | 110 | 1 | 42 | 127 | 222 | 169 | 72 |
| Proportion of deaths attributable to tobacco (%) | 52 | 87 | 92 | 93 | 92 | 91 | 45 | 86 | 88 | 88 | 81 | 86 |
| <u>Death rate: All other malignant neoplasms</u> | 20 | 158 | 503 | 1,188 | 2,312 | 355 | 28 | 171 | 425 | 869 | 1,547 | 355 |
| Death rate attributable to tobacco | 2 | 36 | 94 | 191 | 284 | 59 | 1 | 16 | 39 | 97 | 126 | 33 |
| Proportion of deaths attributable to tobacco (%) | 12 | 23 | 19 | 16 | 12 | 17 | 3 | 9 | 9 | 11 | 8 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 20 | 156 | 589 | 1,895 | 6,471 | 619 | 10 | 50 | 242 | 1,070 | 5,635 | 644 |
| Death rate attributable to tobacco | 11 | 74 | 166 | 325 | 153 | 93 | 3 | 32 | 118 | 364 | 679 | 126 |
| Proportion of deaths attributable to tobacco (%) | 53 | 48 | 28 | 17 | 2 | 15 | 26 | 65 | 49 | 34 | 12 | 20 |
| <u>Death rate: Ischaemic heart disease</u> | 7 | 79 | 306 | 995 | 3,087 | 309 | 3 | 18 | 108 | 470 | 2,379 | 273 |
| Death rate attributable to tobacco | 4 | 36 | 82 | 164 | 67 | 45 | 0 | 11 | 49 | 142 | 353 | 56 |
| Proportion of deaths attributable to tobacco (%) | 54 | 45 | 27 | 16 | 2 | 15 | 18 | 61 | 46 | 30 | 15 | 21 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 28 | 112 | 404 | 1,457 | 131 | 3 | 18 | 64 | 310 | 1,483 | 174 |
| Death rate attributable to tobacco | 1 | 13 | 30 | 60 | 32 | 17 | 1 | 12 | 32 | 118 | - | 22 |
| Proportion of deaths attributable to tobacco (%) | 35 | 46 | 27 | 15 | 2 | 13 | 38 | 67 | 50 | 38 | - | 13 |
| <u>Death rate: Other cardiovascular diseases</u> | 9 | 49 | 171 | 496 | 1,927 | 179 | 4 | 15 | 70 | 290 | 1,773 | 196 |
| Death rate attributable to tobacco | 5 | 25 | 55 | 101 | 54 | 31 | 1 | 10 | 36 | 104 | 326 | 48 |
| Proportion of deaths attributable to tobacco (%) | 60 | 52 | 32 | 20 | 3 | 17 | 22 | 66 | 52 | 36 | 18 | 24 |
| <u>Death rate: Respiratory diseases</u> | 2 | 19 | 111 | 508 | 1,118 | 122 | 1 | 20 | 127 | 390 | 566 | 117 |
| Death rate attributable to tobacco | 1 | 13 | 82 | 385 | 821 | 90 | 1 | 15 | 103 | 327 | 424 | 93 |
| Proportion of deaths attributable to tobacco (%) | 28 | 67 | 74 | 76 | 73 | 74 | 43 | 78 | 81 | 84 | 75 | 79 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 14 | 97 | 453 | 972 | 106 | 1 | 16 | 113 | 355 | 463 | 101 |
| Death rate attributable to tobacco | 0 | 12 | 78 | 369 | 781 | 86 | 0 | 14 | 97 | 312 | 388 | 87 |
| Proportion of deaths attributable to tobacco (%) | 72 | 80 | 80 | 82 | 80 | 81 | 66 | 86 | 86 | 88 | 84 | 86 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 5 | 14 | 55 | 146 | 16 | 1 | 4 | 14 | 35 | 103 | 16 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 16 | 40 | 4 | 0 | 2 | 6 | 15 | 37 | 6 |
| Proportion of deaths attributable to tobacco (%) | 19 | 27 | 27 | 29 | 27 | 27 | 17 | 40 | 40 | 44 | 35 | 38 |

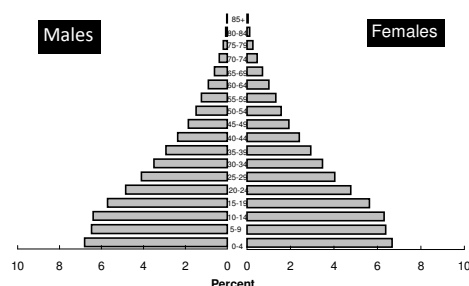
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Djibouti

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 271 | 267 | 539 |
| 30-44 | 70 | 70 | 139 |
| 45-59 | 36 | 38 | 74 |
| 60-69 | 12 | 14 | 26 |
| 70-79 | 5 | 6 | 10 |
| 80+ | 1 | 1 | 2 |
| Total | 395 | 396 | 790 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1031 per 100,000 population) was about 1.8 times that for communicable diseases (569 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 295 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 6 deaths per 100,000 population but with 25% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (36 per 100,000 men aged 30 years and over) compared with women (2 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 0% for women.

- Among those who died prematurely, almost one in every 374 deaths among those aged 30-44 and one in 48 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 0.4% of those whose death was due to a lower respiratory infection, 3.9% of deaths due to the category of 'all cardiovascular diseases combined', and 26.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 804 | 1,467 | 3,312 | 7,630 | 18,866 | 1,691 |
| Death rate attributable to tobacco | 2 | 30 | 69 | 26 | 43 | 19 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 2 | 0 | 0 | 1 |
| Death rate: Communicable diseases | 550 | 500 | 515 | 886 | 3,342 | 569 |
| Death rate attributable to tobacco | 1 | 4 | 5 | 2 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 1 | 0 | 0 | 0 |
| Death rate: Tuberculosis | 158 | 246 | 327 | 484 | 494 | 218 |
| Death rate attributable to tobacco | 0 | 4 | 5 | 1 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 2 | 0 | 0 | 1 |
| Death rate: Lower respiratory infections | 7 | 9 | 15 | 77 | 549 | 16 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 0 | 1 | 0 | 0 | 1 |
| Death rate: Noncommunicable diseases | 174 | 874 | 2,693 | 6,578 | 15,252 | 1,031 |
| Death rate attributable to tobacco | 2 | 26 | 63 | 24 | 39 | 16 |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 2 | 0 | 0 | 2 |
| Death rate: All malignant neoplasms | 52 | 168 | 347 | 584 | 858 | 145 |
| Death rate attributable to tobacco | 0 | 8 | 23 | 8 | 12 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 7 | 1 | 1 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 8 | 20 | 24 | 27 | 6 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 3 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 4 | 27 | 39 | 12 | 14 | 25 |
| Death rate: All other malignant neoplasms | 50 | 161 | 327 | 560 | 831 | 139 |
| Death rate attributable to tobacco | 0 | 6 | 15 | 5 | 8 | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 5 | 1 | 1 | 3 |
| Death rate: All Cardiovascular diseases | 45 | 403 | 1,509 | 4,150 | 10,726 | 561 |
| Death rate attributable to tobacco | 1 | 16 | 25 | 6 | 2 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 2 | 0 | 0 | 1 |
| Death rate: Ischaemic heart disease | 21 | 243 | 859 | 2,075 | 4,474 | 295 |
| Death rate attributable to tobacco | 0 | 10 | 15 | 3 | 1 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 2 | 0 | 0 | 2 |
| Death rate: Cerebrovascular disease | 6 | 55 | 245 | 729 | 1,981 | 91 |
| Death rate attributable to tobacco | 0 | 2 | 4 | 1 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 1 | 0 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 19 | 105 | 405 | 1,347 | 4,271 | 175 |
| Death rate attributable to tobacco | 0 | 4 | 7 | 2 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 2 | 0 | 0 | 1 |
| Death rate: Respiratory diseases | 12 | 38 | 154 | 440 | 1,023 | 61 |
| Death rate attributable to tobacco | 0 | 3 | 15 | 10 | 25 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 10 | 2 | 2 | 5 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 18 | 95 | 285 | 631 | 33 |
| Death rate attributable to tobacco | 0 | 2 | 14 | 9 | 23 | 3 |
| Proportion of deaths attributable to tobacco (%) | 10 | 13 | 14 | 3 | 4 | 8 |
| Death rate: Other respiratory diseases | 10 | 20 | 59 | 155 | 392 | 27 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 0 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 2 | 0 | 0 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 834 | 1,746 | 3,867 | 8,404 | 22,573 | 1,823 | 773 | 1,201 | 2,824 | 7,032 | 16,518 | 1,564 |
| Death rate attributable to tobacco | - | 62 | 146 | 59 | 112 | 36 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 1 | 0 | 2 | 1 | - | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 534 | 660 | 656 | 1,054 | 4,606 | 629 | 567 | 347 | 390 | 757 | 2,541 | 512 |
| Death rate attributable to tobacco | - | 9 | 11 | 4 | 11 | 4 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 0 | 0 | 1 | 0 | - | - | - | - | 0 |
| <i>Death rate: Tuberculosis</i> | 230 | 401 | 513 | 801 | 918 | 334 | 87 | 97 | 164 | 239 | 225 | 107 |
| Death rate attributable to tobacco | - | 9 | 11 | 3 | 5 | 4 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 0 | 1 | 1 | 1 | - | - | - | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 5 | 3 | 9 | 48 | 724 | 11 | 9 | 15 | 21 | 99 | 439 | 21 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 5 | 0 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 1 | 1 | 2 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 156 | 920 | 3,052 | 7,129 | 17,591 | 1,037 | 192 | 830 | 2,377 | 6,152 | 13,770 | 1,024 |
| Death rate attributable to tobacco | - | 54 | 135 | 55 | 101 | 32 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 1 | 1 | 3 | 2 | - | - | - | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 37 | 164 | 449 | 783 | 1,389 | 151 | 67 | 172 | 259 | 431 | 522 | 140 |
| Death rate attributable to tobacco | - | 16 | 50 | 18 | 30 | 10 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 11 | 2 | 2 | 7 | 1 | - | - | - | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 11 | 34 | 38 | 52 | 9 | 2 | 4 | 8 | 14 | 11 | 4 |
| Death rate attributable to tobacco | - | 4 | 17 | 7 | 10 | 3 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 49 | 18 | 18 | 35 | 8 | - | - | - | - | 2 |
| <i>Death rate: All other malignant neoplasms</i> | 36 | 153 | 415 | 745 | 1,337 | 142 | 65 | 168 | 250 | 416 | 511 | 136 |
| Death rate attributable to tobacco | - | 12 | 33 | 12 | 21 | 7 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 2 | 2 | 5 | 1 | - | - | - | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 37 | 453 | 1,707 | 4,363 | 11,886 | 561 | 54 | 356 | 1,335 | 3,985 | 9,991 | 560 |
| Death rate attributable to tobacco | - | 32 | 53 | 14 | 6 | 15 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 0 | 0 | 3 | 3 | - | - | - | - | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 19 | 301 | 1,039 | 2,340 | 5,025 | 320 | 23 | 188 | 701 | 1,870 | 4,126 | 270 |
| Death rate attributable to tobacco | - | 20 | 31 | 7 | 2 | 9 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 0 | 0 | 3 | 2 | - | - | - | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 4 | 54 | 259 | 753 | 2,219 | 86 | 7 | 56 | 233 | 710 | 1,831 | 96 |
| Death rate attributable to tobacco | - | 4 | 8 | 2 | 1 | 2 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 0 | 0 | 2 | 6 | - | - | - | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 14 | 98 | 409 | 1,270 | 4,643 | 155 | 23 | 111 | 402 | 1,406 | 4,035 | 194 |
| Death rate attributable to tobacco | - | 8 | 14 | 5 | 3 | 4 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 0 | 0 | 3 | 3 | - | - | - | - | 0 |
| <i>Death rate: Respiratory diseases</i> | 6 | 39 | 185 | 521 | 1,312 | 61 | 18 | 38 | 126 | 377 | 840 | 60 |
| Death rate attributable to tobacco | - | 5 | 31 | 23 | 63 | 6 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 17 | 4 | 5 | 10 | 4 | - | - | - | - | 1 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 18 | 114 | 337 | 783 | 35 | 3 | 18 | 77 | 244 | 534 | 32 |
| Death rate attributable to tobacco | - | 5 | 29 | 21 | 59 | 5 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 26 | 6 | 8 | 15 | 16 | - | - | - | - | 1 |
| <i>Death rate: Other respiratory diseases</i> | 4 | 21 | 71 | 183 | 529 | 26 | 15 | 20 | 49 | 133 | 306 | 28 |
| Death rate attributable to tobacco | - | 1 | 2 | 1 | 4 | 0 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 1 | 2 | 2 | - | - | - | - | 1 |

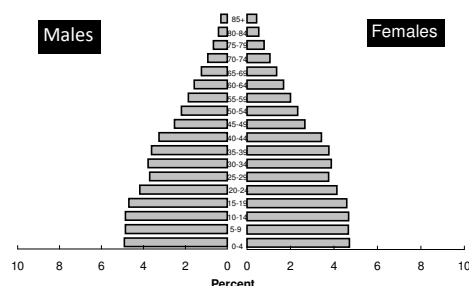
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Dominica

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 18 | 18 | 37 |
| 30-44 | 7 | 8 | 15 |
| 45-59 | 4 | 5 | 9 |
| 60-69 | 2 | 2 | 4 |
| 70-79 | 1 | 1 | 2 |
| 80+ | 0 | 1 | 1 |
| Total | 34 | 34 | 68 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1181 per 100,000 population) was about 8.9 times that for communicable diseases (132 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 83 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 37 deaths per 100,000 population but with 77% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 10% of all tuberculosis deaths.

- The death rate due to tobacco in men was (122 per 100,000 men aged 30 years and over) compared with women (170 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 13% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 29.2% of those whose death was due to a lower respiratory infection, 43.4% of deaths due to the category of 'all cardiovascular diseases combined', and 80.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 322 | 744 | 1,581 | 3,999 | 13,272 | 1,357 |
| Death rate attributable to tobacco | 32 | 170 | 207 | 336 | 854 | 147 |
| Proportion of deaths attributable to tobacco (%) | 10 | 23 | 13 | 8 | 6 | 11 |
| Death rate: Communicable diseases | 75 | 66 | 65 | 322 | 1,232 | 132 |
| Death rate attributable to tobacco | 2 | 2 | 3 | 25 | 111 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 4 | 8 | 9 | 6 |
| Death rate: Tuberculosis | - | - | 7 | 11 | 23 | 3 |
| Death rate attributable to tobacco | - | - | 1 | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 9 | 9 | 12 | 10 |
| Death rate: Lower respiratory infections | 6 | 7 | 13 | 197 | 695 | 47 |
| Death rate attributable to tobacco | 2 | 2 | 2 | 24 | 108 | 7 |
| Proportion of deaths attributable to tobacco (%) | 27 | 29 | 17 | 12 | 16 | 16 |
| Death rate: Noncommunicable diseases | 194 | 641 | 1,482 | 3,625 | 12,040 | 1,181 |
| Death rate attributable to tobacco | 30 | 168 | 204 | 311 | 743 | 140 |
| Proportion of deaths attributable to tobacco (%) | 16 | 26 | 14 | 9 | 6 | 12 |
| Death rate: All malignant neoplasms | 66 | 225 | 558 | 989 | 2,533 | 335 |
| Death rate attributable to tobacco | 8 | 55 | 81 | 141 | 179 | 47 |
| Proportion of deaths attributable to tobacco (%) | 12 | 24 | 14 | 14 | 7 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 7 | 36 | 79 | 123 | 109 | 37 |
| Death rate attributable to tobacco | 6 | 29 | 62 | 93 | 68 | 28 |
| Proportion of deaths attributable to tobacco (%) | 88 | 81 | 79 | 75 | 62 | 77 |
| Death rate: All other malignant neoplasms | 59 | 189 | 479 | 866 | 2,424 | 298 |
| Death rate attributable to tobacco | 2 | 26 | 18 | 48 | 111 | 19 |
| Proportion of deaths attributable to tobacco (%) | 4 | 14 | 4 | 6 | 5 | 6 |
| Death rate: All Cardiovascular diseases | 67 | 241 | 507 | 1,476 | 6,553 | 518 |
| Death rate attributable to tobacco | 18 | 105 | 100 | 111 | 350 | 73 |
| Proportion of deaths attributable to tobacco (%) | 27 | 43 | 20 | 8 | 5 | 14 |
| Death rate: Ischaemic heart disease | 10 | 37 | 110 | 385 | 681 | 83 |
| Death rate attributable to tobacco | 4 | 15 | 18 | 26 | 30 | 11 |
| Proportion of deaths attributable to tobacco (%) | 39 | 40 | 16 | 7 | 4 | 14 |
| Death rate: Cerebrovascular disease | 6 | 35 | 105 | 136 | 968 | 72 |
| Death rate attributable to tobacco | 2 | 15 | 21 | 12 | 1 | 9 |
| Proportion of deaths attributable to tobacco (%) | 38 | 42 | 20 | 9 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 52 | 169 | 291 | 955 | 4,904 | 363 |
| Death rate attributable to tobacco | 12 | 75 | 61 | 73 | 319 | 52 |
| Proportion of deaths attributable to tobacco (%) | 23 | 44 | 21 | 8 | 7 | 14 |
| Death rate: Respiratory diseases | 11 | 11 | 79 | 155 | 580 | 52 |
| Death rate attributable to tobacco | - | 3 | 12 | 34 | 141 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 16 | 22 | 24 | 20 |
| Death rate: Chronic obstructive pulmonary disease | - | - | - | 33 | 198 | 10 |
| Death rate attributable to tobacco | - | - | - | 19 | 79 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 57 | 40 | 44 |
| Death rate: Other respiratory diseases | 11 | 11 | 79 | 121 | 382 | 42 |
| Death rate attributable to tobacco | - | 3 | 12 | 15 | 61 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 16 | 13 | 16 | 14 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 395 | 958 | 1,894 | 4,744 | 11,713 | 1,430 | 252 | 544 | 1,291 | 3,353 | 14,438 | 1,289 |
| Death rate attributable to tobacco | - | 194 | 196 | 445 | 277 | 122 | 62 | 147 | 216 | 242 | 1,286 | 170 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 10 | 9 | 2 | 9 | 25 | 27 | 17 | 7 | 9 | 13 |
| <u>Death rate: Communicable diseases</u> | 120 | 81 | 106 | 443 | 998 | 159 | 31 | 52 | 26 | 217 | 1,408 | 107 |
| Death rate attributable to tobacco | - | - | 3 | 32 | 19 | 3 | 3 | 4 | 3 | 19 | 180 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 7 | 2 | 2 | 10 | 7 | 11 | 9 | 13 | 11 |
| <i>Death rate: Tuberculosis</i> | - | - | 14 | 24 | - | 3 | - | - | - | - | 40 | 2 |
| Death rate attributable to tobacco | - | - | 1 | 2 | - | 0 | - | - | - | - | 5 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 9 | 9 | - | 9 | - | - | - | - | 12 | 12 |
| <i>Death rate: Lower respiratory infections</i> | 6 | - | 14 | 232 | 495 | 37 | 6 | 13 | 13 | 167 | 845 | 56 |
| Death rate attributable to tobacco | - | - | 2 | 30 | 19 | 3 | 3 | 4 | 3 | 19 | 175 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | - | 12 | 13 | 4 | 8 | 55 | 29 | 22 | 12 | 21 | 21 |
| <u>Death rate: Noncommunicable diseases</u> | 182 | 799 | 1,732 | 4,216 | 10,715 | 1,191 | 205 | 492 | 1,251 | 3,112 | 13,030 | 1,171 |
| Death rate attributable to tobacco | - | 194 | 193 | 413 | 258 | 119 | 59 | 143 | 213 | 222 | 1,106 | 159 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 11 | 10 | 2 | 10 | 29 | 29 | 17 | 7 | 8 | 14 |
| <i>Death rate: All malignant neoplasms</i> | 61 | 220 | 651 | 1,307 | 3,607 | 387 | 71 | 230 | 472 | 713 | 1,730 | 286 |
| Death rate attributable to tobacco | - | 64 | 100 | 227 | 114 | 51 | 16 | 46 | 62 | 67 | 227 | 43 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 15 | 17 | 3 | 13 | 22 | 20 | 13 | 9 | 13 | 15 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | - | 39 | 90 | 187 | 94 | 39 | 13 | 32 | 69 | 68 | 121 | 35 |
| Death rate attributable to tobacco | - | 32 | 72 | 156 | 52 | 31 | 12 | 26 | 53 | 38 | 80 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 82 | 81 | 83 | 55 | 80 | 88 | 79 | 76 | 56 | 67 | 75 |
| <i>Death rate: All other malignant neoplasms</i> | 61 | 180 | 561 | 1,120 | 3,513 | 347 | 58 | 198 | 403 | 645 | 1,609 | 251 |
| Death rate attributable to tobacco | - | 32 | 28 | 71 | 63 | 20 | 4 | 21 | 9 | 29 | 147 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 5 | 6 | 2 | 6 | 7 | 10 | 2 | 4 | 9 | 7 |
| <i>Death rate: All Cardiovascular diseases</i> | 78 | 316 | 568 | 1,668 | 4,719 | 475 | 57 | 171 | 450 | 1,310 | 7,925 | 559 |
| Death rate attributable to tobacco | - | 121 | 71 | 121 | 13 | 54 | 35 | 89 | 127 | 103 | 602 | 91 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 12 | 7 | 0 | 11 | 62 | 52 | 28 | 8 | 8 | 16 |
| <i>Death rate: Ischaemic heart disease</i> | 6 | 50 | 158 | 575 | 695 | 101 | 13 | 24 | 65 | 220 | 671 | 66 |
| Death rate attributable to tobacco | - | 18 | 18 | 39 | 2 | 10 | 7 | 12 | 17 | 15 | 51 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 12 | 7 | 0 | 10 | 56 | 49 | 26 | 7 | 8 | 19 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 52 | 114 | 68 | 863 | 66 | 6 | 20 | 97 | 195 | 1,045 | 79 |
| Death rate attributable to tobacco | - | 19 | 13 | 4 | 2 | 8 | 5 | 11 | 29 | 18 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 12 | 6 | 0 | 12 | 78 | 55 | 29 | 9 | - | 13 |
| <i>Death rate: Other cardiovascular diseases</i> | 66 | 214 | 295 | 1,025 | 3,161 | 308 | 38 | 127 | 287 | 894 | 6,208 | 414 |
| Death rate attributable to tobacco | - | 84 | 39 | 78 | 9 | 36 | 23 | 66 | 81 | 69 | 551 | 68 |
| Proportion of deaths attributable to tobacco (%) | - | 39 | 13 | 8 | 0 | 12 | 61 | 52 | 28 | 8 | 9 | 16 |
| <u>Death rate: Respiratory diseases</u> | 23 | 10 | 103 | 230 | 602 | 63 | - | 13 | 56 | 89 | 563 | 41 |
| Death rate attributable to tobacco | - | 2 | 12 | 40 | 119 | 9 | - | 4 | 12 | 29 | 157 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 12 | 18 | 20 | 14 | - | 29 | 22 | 33 | 28 | 28 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | - | - | - | 22 | 355 | 13 | - | - | - | 43 | 81 | 7 |
| Death rate attributable to tobacco | - | - | - | 14 | 109 | 5 | - | - | - | 24 | 57 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 62 | 31 | 34 | - | - | - | 55 | 71 | 63 |
| <i>Death rate: Other respiratory diseases</i> | 23 | 10 | 103 | 208 | 248 | 50 | - | 13 | 56 | 46 | 483 | 34 |
| Death rate attributable to tobacco | - | 2 | 12 | 27 | 10 | 4 | - | 4 | 12 | 5 | 100 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 12 | 13 | 4 | 9 | - | 29 | 22 | 12 | 21 | 21 |

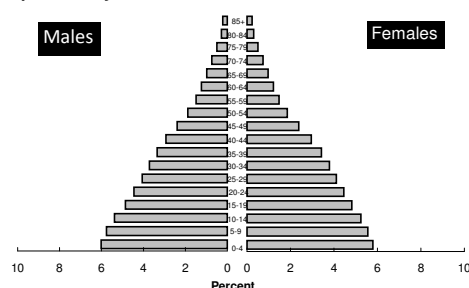
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Dominican Republic

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,847 | 2,795 | 5,641 |
| 30-44 | 930 | 948 | 1,878 |
| 45-59 | 537 | 532 | 1,070 |
| 60-69 | 206 | 203 | 409 |
| 70-79 | 114 | 115 | 230 |
| 80+ | 47 | 50 | 97 |
| Total | 4,681 | 4,644 | 9,325 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1354 per 100,000 population) was about 5.4 times that for communicable diseases (253 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 306 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 29 deaths per 100,000 population but with 74% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (179 per 100,000 men aged 30 years and over) compared with women (120 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 8% for women.

- Among those who died prematurely, almost one in every 89 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 9.5% of those whose death was due to a lower respiratory infection, 20.9% of deaths due to the category of 'all cardiovascular diseases combined', and 60.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 432 | 1,020 | 2,993 | 6,957 | 17,610 | 1,746 |
| Death rate attributable to tobacco | 5 | 98 | 383 | 715 | 1,203 | 150 |
| Proportion of deaths attributable to tobacco (%) | 1 | 10 | 13 | 10 | 7 | 9 |
| Death rate: Communicable diseases | 190 | 218 | 269 | 453 | 1,314 | 253 |
| Death rate attributable to tobacco | 1 | 6 | 17 | 35 | 139 | 10 |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 6 | 8 | 11 | 4 |
| Death rate: Tuberculosis | 15 | 32 | 63 | 109 | 217 | 36 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 11 | 25 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 10 | 10 | 11 | 7 |
| Death rate: Lower respiratory infections | 23 | 35 | 75 | 162 | 711 | 59 |
| Death rate attributable to tobacco | 1 | 3 | 11 | 24 | 114 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 10 | 15 | 15 | 16 | 12 |
| Death rate: Noncommunicable diseases | 135 | 673 | 2,544 | 6,266 | 15,829 | 1,354 |
| Death rate attributable to tobacco | 4 | 92 | 366 | 680 | 1,065 | 140 |
| Proportion of deaths attributable to tobacco (%) | 3 | 14 | 14 | 11 | 7 | 10 |
| Death rate: All malignant neoplasms | 35 | 156 | 525 | 1,255 | 2,667 | 270 |
| Death rate attributable to tobacco | 1 | 19 | 100 | 198 | 359 | 39 |
| Proportion of deaths attributable to tobacco (%) | 1 | 12 | 19 | 16 | 13 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 18 | 77 | 143 | 209 | 29 |
| Death rate attributable to tobacco | 0 | 11 | 61 | 113 | 168 | 21 |
| Proportion of deaths attributable to tobacco (%) | 16 | 60 | 78 | 79 | 80 | 74 |
| Death rate: All other malignant neoplasms | 33 | 139 | 447 | 1,112 | 2,458 | 241 |
| Death rate attributable to tobacco | 0 | 9 | 39 | 85 | 191 | 17 |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 9 | 8 | 8 | 7 |
| Death rate: All Cardiovascular diseases | 47 | 308 | 1,260 | 3,368 | 9,329 | 709 |
| Death rate attributable to tobacco | 3 | 64 | 206 | 306 | 220 | 68 |
| Proportion of deaths attributable to tobacco (%) | 5 | 21 | 16 | 9 | 2 | 10 |
| Death rate: Ischaemic heart disease | 19 | 154 | 620 | 1,437 | 3,539 | 306 |
| Death rate attributable to tobacco | 1 | 31 | 96 | 120 | 98 | 30 |
| Proportion of deaths attributable to tobacco (%) | 3 | 20 | 15 | 8 | 3 | 10 |
| Death rate: Cerebrovascular disease | 14 | 103 | 412 | 1,144 | 2,839 | 229 |
| Death rate attributable to tobacco | 1 | 22 | 69 | 106 | 20 | 22 |
| Proportion of deaths attributable to tobacco (%) | 9 | 22 | 17 | 9 | 1 | 10 |
| Death rate: Other cardiovascular diseases | 14 | 51 | 228 | 787 | 2,951 | 174 |
| Death rate attributable to tobacco | 1 | 11 | 41 | 79 | 101 | 16 |
| Proportion of deaths attributable to tobacco (%) | 4 | 22 | 18 | 10 | 3 | 9 |
| Death rate: Respiratory diseases | 9 | 36 | 150 | 421 | 1,233 | 90 |
| Death rate attributable to tobacco | 1 | 6 | 44 | 145 | 429 | 27 |
| Proportion of deaths attributable to tobacco (%) | 6 | 16 | 30 | 34 | 35 | 30 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 5 | 46 | 166 | 481 | 30 |
| Death rate attributable to tobacco | 0 | 3 | 29 | 106 | 315 | 19 |
| Proportion of deaths attributable to tobacco (%) | 16 | 55 | 64 | 64 | 66 | 63 |
| Death rate: Other respiratory diseases | 8 | 30 | 104 | 255 | 752 | 60 |
| Death rate attributable to tobacco | 0 | 3 | 15 | 38 | 114 | 8 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 15 | 15 | 15 | 13 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 576 | 1,264 | 3,615 | 8,355 | 19,281 | 2,079 | 291 | 773 | 2,365 | 5,570 | 16,059 | 1,416 |
| Death rate attributable to tobacco | - | 131 | 441 | 812 | 1,609 | 179 | 10 | 64 | 325 | 618 | 826 | 120 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 12 | 10 | 8 | 9 | 3 | 8 | 14 | 11 | 5 | 8 |
| <u>Death rate: Communicable diseases</u> | 253 | 298 | 321 | 539 | 1,524 | 324 | 128 | 137 | 217 | 367 | 1,120 | 182 |
| Death rate attributable to tobacco | - | 8 | 20 | 41 | 204 | 12 | 2 | 3 | 14 | 28 | 78 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 8 | 13 | 4 | 2 | 2 | 6 | 8 | 7 | 4 |
| <u>Death rate: Tuberculosis</u> | 20 | 47 | 89 | 150 | 284 | 51 | 9 | 17 | 38 | 68 | 154 | 22 |
| Death rate attributable to tobacco | - | 4 | 9 | 15 | 40 | 4 | 0 | 1 | 3 | 6 | 10 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 10 | 14 | 8 | 5 | 4 | 9 | 9 | 6 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 25 | 38 | 84 | 195 | 845 | 67 | 21 | 32 | 66 | 129 | 587 | 51 |
| Death rate attributable to tobacco | - | 4 | 12 | 27 | 164 | 8 | 2 | 3 | 10 | 22 | 68 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 14 | 14 | 19 | 12 | 9 | 8 | 16 | 17 | 12 | 12 |
| <u>Death rate: Noncommunicable diseases</u> | 152 | 755 | 3,007 | 7,485 | 17,136 | 1,538 | 118 | 591 | 2,076 | 5,057 | 14,615 | 1,172 |
| Death rate attributable to tobacco | - | 123 | 421 | 771 | 1,405 | 167 | 7 | 61 | 311 | 590 | 748 | 113 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 14 | 10 | 8 | 11 | 6 | 10 | 15 | 12 | 5 | 10 |
| <u>Death rate: All malignant neoplasms</u> | 26 | 132 | 555 | 1,611 | 3,956 | 315 | 44 | 181 | 494 | 902 | 1,470 | 225 |
| Death rate attributable to tobacco | - | 28 | 136 | 281 | 633 | 57 | 1 | 10 | 63 | 115 | 104 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 25 | 17 | 16 | 18 | 2 | 6 | 13 | 13 | 7 | 9 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 23 | 103 | 199 | 347 | 40 | 2 | 12 | 52 | 88 | 81 | 18 |
| Death rate attributable to tobacco | - | 15 | 85 | 168 | 305 | 32 | 1 | 6 | 35 | 58 | 41 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 69 | 83 | 84 | 88 | 80 | 28 | 45 | 68 | 66 | 50 | 58 |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 109 | 452 | 1,412 | 3,609 | 275 | 41 | 168 | 442 | 814 | 1,389 | 207 |
| Death rate attributable to tobacco | - | 13 | 51 | 113 | 328 | 25 | 0 | 5 | 28 | 57 | 63 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 11 | 8 | 9 | 9 | 1 | 3 | 6 | 7 | 5 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 58 | 377 | 1,540 | 4,002 | 9,199 | 796 | 36 | 238 | 976 | 2,739 | 9,449 | 622 |
| Death rate attributable to tobacco | - | 83 | 212 | 286 | 137 | 69 | 5 | 46 | 200 | 326 | 296 | 66 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 14 | 7 | 1 | 9 | 14 | 19 | 20 | 12 | 3 | 11 |
| <u>Death rate: Ischaemic heart disease</u> | 25 | 202 | 789 | 1,741 | 3,478 | 357 | 14 | 106 | 450 | 1,134 | 3,595 | 256 |
| Death rate attributable to tobacco | - | 43 | 107 | 125 | 49 | 34 | 1 | 18 | 85 | 116 | 145 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 14 | 7 | 1 | 9 | 9 | 17 | 19 | 10 | 4 | 10 |
| <u>Death rate: Cerebrovascular disease</u> | 16 | 120 | 499 | 1,399 | 2,945 | 262 | 11 | 85 | 324 | 890 | 2,740 | 196 |
| Death rate attributable to tobacco | - | 26 | 67 | 89 | 41 | 22 | 2 | 18 | 71 | 123 | - | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 13 | 6 | 1 | 8 | 22 | 21 | 22 | 14 | - | 11 |
| <u>Death rate: Other cardiovascular diseases</u> | 17 | 56 | 252 | 861 | 2,776 | 177 | 11 | 47 | 203 | 714 | 3,114 | 171 |
| Death rate attributable to tobacco | - | 14 | 39 | 72 | 48 | 14 | 1 | 9 | 44 | 86 | 151 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 15 | 8 | 2 | 8 | 11 | 20 | 22 | 12 | 5 | 10 |
| <u>Death rate: Respiratory diseases</u> | 9 | 39 | 176 | 511 | 1,297 | 101 | 10 | 32 | 123 | 332 | 1,173 | 80 |
| Death rate attributable to tobacco | - | 8 | 55 | 175 | 568 | 34 | 1 | 3 | 34 | 115 | 300 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 31 | 34 | 44 | 34 | 11 | 10 | 27 | 35 | 26 | 26 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 9 | 61 | 212 | 598 | 39 | 1 | 2 | 31 | 120 | 372 | 22 |
| Death rate attributable to tobacco | - | 5 | 39 | 134 | 433 | 25 | 0 | 1 | 19 | 79 | 206 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 56 | 64 | 63 | 72 | 65 | 47 | 46 | 63 | 66 | 55 | 60 |
| <u>Death rate: Other respiratory diseases</u> | 7 | 31 | 115 | 300 | 699 | 62 | 9 | 30 | 93 | 211 | 801 | 59 |
| Death rate attributable to tobacco | - | 3 | 16 | 41 | 135 | 9 | 1 | 2 | 14 | 36 | 93 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 14 | 14 | 19 | 14 | 9 | 8 | 16 | 17 | 12 | 13 |

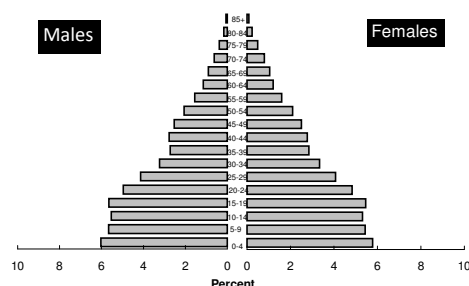
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Egypt

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 22,870 | 22,107 | 44,977 |
| 30-44 | 6,239 | 6,402 | 12,641 |
| 45-59 | 4,400 | 4,437 | 8,836 |
| 60-69 | 1,466 | 1,611 | 3,076 |
| 70-79 | 717 | 918 | 1,634 |
| 80+ | 158 | 227 | 385 |
| Total | 35,849 | 35,701 | 71,550 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1358 per 100,000 population) was about 11.3 times that for communicable diseases (121 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 394 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 16 deaths per 100,000 population but with 58% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (173 per 100,000 men aged 30 years and over) compared with women (19 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 1% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 8.9% of those whose death was due to a lower respiratory infection, 17% of deaths due to the category of 'all cardiovascular diseases combined', and 56.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 246 | 1,048 | 3,113 | 7,289 | 16,992 | 1,520 |
| Death rate attributable to tobacco | 59 | 104 | 157 | 176 | 180 | 94 |
| Proportion of deaths attributable to tobacco (%) | 24 | 10 | 5 | 2 | 1 | 6 |
| Death rate: Communicable diseases | 33 | 85 | 226 | 535 | 1,200 | 121 |
| Death rate attributable to tobacco | 3 | 2 | 6 | 8 | 13 | 4 |
| Proportion of deaths attributable to tobacco (%) | 11 | 3 | 2 | 2 | 1 | 3 |
| Death rate: Tuberculosis | 3 | 5 | 14 | 16 | 22 | 6 |
| Death rate attributable to tobacco | 1 | 0 | 1 | 0 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 21 | 5 | 4 | 2 | 2 | 8 |
| Death rate: Lower respiratory infections | 9 | 24 | 82 | 250 | 557 | 45 |
| Death rate attributable to tobacco | 3 | 2 | 5 | 8 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 31 | 9 | 6 | 3 | 2 | 7 |
| Death rate: Noncommunicable diseases | 191 | 913 | 2,825 | 6,673 | 15,641 | 1,358 |
| Death rate attributable to tobacco | 55 | 102 | 152 | 168 | 167 | 90 |
| Proportion of deaths attributable to tobacco (%) | 29 | 11 | 5 | 3 | 1 | 7 |
| Death rate: All malignant neoplasms | 43 | 137 | 294 | 461 | 587 | 137 |
| Death rate attributable to tobacco | 10 | 19 | 41 | 43 | 39 | 19 |
| Proportion of deaths attributable to tobacco (%) | 22 | 14 | 14 | 9 | 7 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 16 | 39 | 50 | 45 | 16 |
| Death rate attributable to tobacco | 3 | 9 | 23 | 26 | 21 | 9 |
| Proportion of deaths attributable to tobacco (%) | 67 | 57 | 59 | 52 | 47 | 58 |
| Death rate: All other malignant neoplasms | 38 | 121 | 255 | 411 | 542 | 121 |
| Death rate attributable to tobacco | 6 | 10 | 18 | 17 | 18 | 10 |
| Proportion of deaths attributable to tobacco (%) | 16 | 8 | 7 | 4 | 3 | 8 |
| Death rate: All Cardiovascular diseases | 63 | 424 | 1,555 | 4,154 | 10,920 | 765 |
| Death rate attributable to tobacco | 37 | 72 | 73 | 54 | 12 | 54 |
| Proportion of deaths attributable to tobacco (%) | 59 | 17 | 5 | 1 | 0 | 7 |
| Death rate: Ischaemic heart disease | 30 | 257 | 882 | 2,057 | 4,547 | 394 |
| Death rate attributable to tobacco | 18 | 44 | 42 | 28 | 5 | 30 |
| Proportion of deaths attributable to tobacco (%) | 60 | 17 | 5 | 1 | 0 | 7 |
| Death rate: Cerebrovascular disease | 8 | 56 | 252 | 712 | 1,826 | 122 |
| Death rate attributable to tobacco | 4 | 9 | 11 | 8 | 2 | 7 |
| Proportion of deaths attributable to tobacco (%) | 54 | 16 | 4 | 1 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 26 | 111 | 421 | 1,385 | 4,546 | 249 |
| Death rate attributable to tobacco | 16 | 19 | 20 | 19 | 6 | 17 |
| Proportion of deaths attributable to tobacco (%) | 60 | 17 | 5 | 1 | 0 | 7 |
| Death rate: Respiratory diseases | 19 | 45 | 177 | 483 | 1,160 | 91 |
| Death rate attributable to tobacco | 8 | 10 | 36 | 68 | 113 | 17 |
| Proportion of deaths attributable to tobacco (%) | 40 | 23 | 20 | 14 | 10 | 19 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 20 | 107 | 311 | 708 | 50 |
| Death rate attributable to tobacco | 3 | 8 | 32 | 63 | 104 | 13 |
| Proportion of deaths attributable to tobacco (%) | 81 | 41 | 30 | 20 | 15 | 26 |
| Death rate: Other respiratory diseases | 15 | 24 | 69 | 173 | 452 | 41 |
| Death rate attributable to tobacco | 5 | 2 | 3 | 5 | 9 | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 8 | 5 | 3 | 2 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 310 | 1,287 | 3,696 | 8,176 | 18,586 | 1,681 | 184 | 810 | 2,583 | 6,597 | 15,883 | 1,367 |
| Death rate attributable to tobacco | 96 | 183 | 330 | 401 | 438 | 173 | 22 | 26 | - | - | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 31 | 14 | 9 | 5 | 2 | 10 | 12 | 3 | - | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 32 | 111 | 289 | 622 | 1,405 | 137 | 33 | 60 | 169 | 467 | 1,057 | 105 |
| Death rate attributable to tobacco | 5 | 4 | 12 | 19 | 32 | 7 | 2 | 0 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 16 | 4 | 4 | 3 | 2 | 5 | 6 | 1 | - | - | - | 1 |
| <u>Death rate: Tuberculosis</u> | 3 | 6 | 18 | 23 | 33 | 7 | 3 | 5 | 10 | 10 | 15 | 5 |
| Death rate attributable to tobacco | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 30 | 8 | 6 | 4 | 3 | 11 | 12 | 1 | - | - | - | 4 |
| <u>Death rate: Lower respiratory infections</u> | 11 | 34 | 120 | 332 | 763 | 58 | 7 | 13 | 48 | 186 | 413 | 33 |
| Death rate attributable to tobacco | 4 | 4 | 10 | 18 | 29 | 6 | 2 | 0 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 38 | 11 | 8 | 5 | 4 | 10 | 21 | 2 | - | - | - | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 240 | 1,088 | 3,317 | 7,435 | 16,967 | 1,476 | 143 | 739 | 2,377 | 6,077 | 14,717 | 1,246 |
| Death rate attributable to tobacco | 91 | 179 | 319 | 382 | 406 | 166 | 20 | 26 | - | - | - | 18 |
| Proportion of deaths attributable to tobacco (%) | 38 | 16 | 10 | 5 | 2 | 11 | 14 | 4 | - | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 45 | 150 | 385 | 616 | 912 | 161 | 41 | 124 | 211 | 340 | 361 | 114 |
| Death rate attributable to tobacco | 16 | 36 | 86 | 98 | 95 | 36 | 4 | 2 | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 35 | 24 | 22 | 16 | 10 | 22 | 9 | 2 | - | - | - | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 7 | 24 | 66 | 90 | 93 | 25 | 3 | 8 | 15 | 19 | 11 | 8 |
| Death rate attributable to tobacco | 5 | 17 | 48 | 59 | 51 | 17 | 2 | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 74 | 70 | 74 | 66 | 55 | 70 | 52 | 19 | - | - | - | 18 |
| <u>Death rate: All other malignant neoplasms</u> | 39 | 127 | 319 | 526 | 818 | 137 | 38 | 115 | 196 | 321 | 350 | 106 |
| Death rate attributable to tobacco | 11 | 19 | 38 | 39 | 44 | 19 | 2 | 1 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 28 | 15 | 12 | 7 | 5 | 14 | 5 | 1 | - | - | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 86 | 537 | 1,822 | 4,511 | 11,448 | 818 | 42 | 312 | 1,313 | 3,875 | 10,552 | 715 |
| Death rate attributable to tobacco | 64 | 125 | 154 | 124 | 30 | 98 | 11 | 19 | - | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 75 | 23 | 8 | 3 | 0 | 12 | 27 | 6 | - | - | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 42 | 347 | 1,093 | 2,390 | 4,815 | 452 | 18 | 168 | 690 | 1,797 | 4,361 | 339 |
| Death rate attributable to tobacco | 32 | 78 | 89 | 63 | 11 | 55 | 4 | 9 | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 75 | 22 | 8 | 3 | 0 | 12 | 22 | 6 | - | - | - | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 10 | 66 | 281 | 770 | 1,927 | 125 | 5 | 46 | 226 | 668 | 1,756 | 119 |
| Death rate attributable to tobacco | 6 | 15 | 23 | 18 | 5 | 12 | 2 | 3 | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 59 | 23 | 8 | 2 | 0 | 9 | 45 | 7 | - | - | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 34 | 124 | 448 | 1,352 | 4,705 | 241 | 19 | 99 | 397 | 1,410 | 4,435 | 257 |
| Death rate attributable to tobacco | 27 | 32 | 43 | 43 | 14 | 31 | 5 | 7 | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 79 | 26 | 10 | 3 | 0 | 13 | 27 | 7 | - | - | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 21 | 52 | 223 | 596 | 1,416 | 103 | 17 | 38 | 135 | 396 | 982 | 79 |
| Death rate attributable to tobacco | 10 | 17 | 75 | 155 | 276 | 31 | 5 | 4 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 49 | 32 | 34 | 26 | 19 | 30 | 30 | 11 | - | - | - | 5 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 23 | 135 | 381 | 833 | 56 | 3 | 18 | 82 | 256 | 621 | 45 |
| Death rate attributable to tobacco | 4 | 13 | 67 | 144 | 253 | 25 | 2 | 4 | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 87 | 58 | 50 | 38 | 30 | 44 | 72 | 19 | - | - | - | 5 |
| <u>Death rate: Other respiratory diseases</u> | 16 | 29 | 87 | 215 | 583 | 47 | 14 | 19 | 53 | 140 | 360 | 35 |
| Death rate attributable to tobacco | 6 | 3 | 7 | 11 | 23 | 6 | 3 | 0 | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 38 | 11 | 8 | 5 | 4 | 13 | 21 | 2 | - | - | - | 5 |

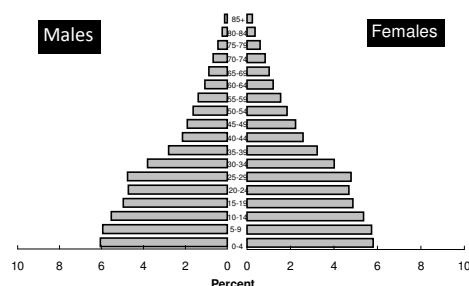
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

El Salvador

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,103 | 2,054 | 4,157 |
| 30-44 | 575 | 645 | 1,220 |
| 45-59 | 323 | 370 | 693 |
| 60-69 | 128 | 146 | 274 |
| 70-79 | 74 | 95 | 168 |
| 80+ | 24 | 41 | 65 |
| Total | 3,226 | 3,351 | 6,576 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (905 per 100,000 population) was about 4.3 times that for communicable diseases (209 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 166 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 17% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (10 per 100,000 men aged 30 years and over) compared with women (4 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 1% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 349 | 821 | 1,917 | 4,288 | 12,082 | 1,249 |
| Death rate attributable to tobacco | - | - | 19 | 49 | 64 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |
| Death rate: Communicable diseases | 119 | 140 | 202 | 552 | 1,780 | 209 |
| Death rate attributable to tobacco | - | - | 1 | 4 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 0 |
| Death rate: Tuberculosis | 9 | 20 | 32 | 47 | 69 | 19 |
| Death rate attributable to tobacco | - | - | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 0 |
| Death rate: Lower respiratory infections | 17 | 30 | 69 | 275 | 1,027 | 72 |
| Death rate attributable to tobacco | - | - | 1 | 4 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |
| Death rate: Noncommunicable diseases | 109 | 556 | 1,570 | 3,549 | 9,977 | 905 |
| Death rate attributable to tobacco | - | - | 18 | 44 | 56 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |
| Death rate: All malignant neoplasms | 25 | 143 | 390 | 764 | 1,438 | 189 |
| Death rate attributable to tobacco | - | - | 7 | 17 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 1 | 1 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 5 | 21 | 40 | 44 | 8 |
| Death rate attributable to tobacco | - | - | 4 | 10 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 20 | 24 | 19 | 17 |
| Death rate: All other malignant neoplasms | 24 | 138 | 369 | 724 | 1,394 | 181 |
| Death rate attributable to tobacco | - | - | 3 | 7 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |
| Death rate: All Cardiovascular diseases | 15 | 124 | 454 | 1,352 | 5,162 | 326 |
| Death rate attributable to tobacco | - | - | 7 | 11 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 0 |
| Death rate: Ischaemic heart disease | 6 | 72 | 282 | 748 | 2,174 | 166 |
| Death rate attributable to tobacco | - | - | 4 | 6 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 1 |
| Death rate: Cerebrovascular disease | 4 | 23 | 91 | 243 | 883 | 59 |
| Death rate attributable to tobacco | - | - | 1 | 2 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 5 | 29 | 81 | 361 | 2,105 | 101 |
| Death rate attributable to tobacco | - | - | 2 | 3 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 0 |
| Death rate: Respiratory diseases | 6 | 24 | 80 | 253 | 875 | 60 |
| Death rate attributable to tobacco | - | - | 3 | 15 | 35 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 6 | 4 | 4 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 23 | 105 | 472 | 24 |
| Death rate attributable to tobacco | - | - | 3 | 13 | 33 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 11 | 12 | 7 | 9 |
| Death rate: Other respiratory diseases | 6 | 19 | 57 | 149 | 403 | 36 |
| Death rate attributable to tobacco | - | - | 1 | 2 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 523 | 1,010 | 2,144 | 4,887 | 13,500 | 1,409 | 195 | 655 | 1,719 | 3,821 | 11,256 | 1,111 |
| Death rate attributable to tobacco | - | - | 20 | 68 | 173 | 10 | - | - | 18 | 33 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 1 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 162 | 181 | 210 | 640 | 2,065 | 245 | 80 | 104 | 196 | 483 | 1,613 | 177 |
| Death rate attributable to tobacco | - | - | 1 | 6 | 23 | 1 | - | - | 1 | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 1 | 1 | 0 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: Tuberculosis</u> | 13 | 30 | 48 | 72 | 117 | 28 | 5 | 10 | 18 | 27 | 41 | 11 |
| Death rate attributable to tobacco | - | - | 0 | 1 | 1 | 0 | - | - | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 0 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 26 | 30 | 60 | 301 | 1,185 | 74 | 10 | 30 | 76 | 254 | 935 | 70 |
| Death rate attributable to tobacco | - | - | 1 | 5 | 21 | 1 | - | - | 1 | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 2 | 2 | 1 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 134 | 601 | 1,689 | 3,918 | 10,930 | 922 | 86 | 516 | 1,467 | 3,262 | 9,422 | 890 |
| Death rate attributable to tobacco | - | - | 19 | 62 | 151 | 9 | - | - | 17 | 30 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 2 | 1 | 1 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 12 | 76 | 326 | 838 | 1,656 | 155 | 37 | 201 | 446 | 707 | 1,311 | 219 |
| Death rate attributable to tobacco | - | - | 10 | 30 | 45 | 4 | - | - | 5 | 6 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 4 | 3 | 3 | - | - | 1 | 1 | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 4 | 23 | 49 | 65 | 9 | 1 | 6 | 19 | 33 | 32 | 8 |
| Death rate attributable to tobacco | - | - | 6 | 18 | 23 | 2 | - | - | 3 | 3 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 25 | 37 | 35 | 27 | - | - | 14 | 10 | - | 7 |
| <u>Death rate: All other malignant neoplasms</u> | 11 | 73 | 303 | 789 | 1,590 | 146 | 36 | 195 | 426 | 674 | 1,279 | 211 |
| Death rate attributable to tobacco | - | - | 4 | 12 | 22 | 2 | - | - | 2 | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 2 | 1 | 1 | - | - | 0 | 0 | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 15 | 121 | 468 | 1,400 | 5,323 | 300 | 16 | 127 | 441 | 1,315 | 5,068 | 349 |
| Death rate attributable to tobacco | - | - | 5 | 12 | 6 | 2 | - | - | 8 | 10 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 1 | - | - | 2 | 1 | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 6 | 80 | 309 | 864 | 2,352 | 168 | 6 | 65 | 259 | 658 | 2,070 | 164 |
| Death rate attributable to tobacco | - | - | 3 | 7 | 3 | 1 | - | - | 4 | 4 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 1 | - | - | 2 | 1 | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 20 | 95 | 241 | 929 | 53 | 4 | 26 | 87 | 245 | 856 | 64 |
| Death rate attributable to tobacco | - | - | 1 | 2 | 1 | 0 | - | - | 2 | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 0 | - | - | 2 | 1 | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 6 | 22 | 65 | 295 | 2,042 | 79 | 5 | 36 | 96 | 413 | 2,141 | 121 |
| Death rate attributable to tobacco | - | - | 1 | 3 | 3 | 0 | - | - | 2 | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 0 | - | - | 2 | 1 | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 8 | 25 | 98 | 251 | 899 | 58 | 5 | 23 | 65 | 255 | 860 | 62 |
| Death rate attributable to tobacco | - | - | 4 | 19 | 95 | 4 | - | - | 3 | 12 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 7 | 11 | 6 | - | - | 4 | 5 | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 4 | 28 | 105 | 538 | 23 | 0 | 6 | 19 | 105 | 434 | 25 |
| Death rate attributable to tobacco | - | - | 3 | 16 | 89 | 3 | - | - | 2 | 11 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 11 | 15 | 17 | 15 | - | - | 11 | 10 | - | 4 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 21 | 70 | 147 | 362 | 36 | 5 | 17 | 46 | 150 | 427 | 37 |
| Death rate attributable to tobacco | - | - | 1 | 2 | 6 | 0 | - | - | 1 | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 2 | 2 | 1 | - | - | 1 | 1 | - | 1 |

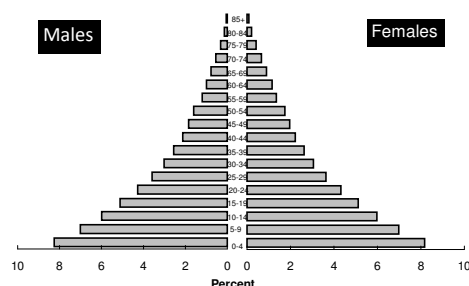
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Equatorial Guinea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 162 | 162 | 324 |
| 30-44 | 36 | 37 | 74 |
| 45-59 | 22 | 24 | 46 |
| 60-69 | 8 | 10 | 18 |
| 70-79 | 4 | 5 | 9 |
| 80+ | 1 | 1 | 2 |
| Total | 234 | 239 | 473 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1465 per 100,000 population) was about 1.7 times that for communicable diseases (880 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 208 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 12 deaths per 100,000 population but with 55% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (166 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 0% for women.

- Among those who died prematurely, almost one in every 120 deaths among those aged 30-44 and one in 17 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.9% of those whose death was due to a lower respiratory infection, 12.2% of deaths due to the category of 'all cardiovascular diseases combined', and 56.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,194 | 1,961 | 3,941 | 8,530 | 20,104 | 2,510 |
| Death rate attributable to tobacco | 10 | 116 | 214 | 145 | 300 | 80 |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 5 | 2 | 1 | 3 |
| Death rate: Communicable diseases | 733 | 744 | 948 | 1,737 | 4,297 | 880 |
| Death rate attributable to tobacco | 2 | 13 | 24 | 16 | 60 | 10 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 3 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 77 | 58 | 62 | 73 | 61 | 69 |
| Death rate attributable to tobacco | 1 | 4 | 3 | 1 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 5 | 2 | 2 | 3 |
| Death rate: Lower respiratory infections | 52 | 162 | 420 | 946 | 2,633 | 226 |
| Death rate attributable to tobacco | 1 | 10 | 21 | 15 | 58 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 5 | 2 | 2 | 3 |
| Death rate: Noncommunicable diseases | 302 | 1,072 | 2,846 | 6,540 | 15,302 | 1,465 |
| Death rate attributable to tobacco | 8 | 102 | 190 | 129 | 240 | 70 |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 7 | 2 | 2 | 5 |
| Death rate: All malignant neoplasms | 48 | 231 | 586 | 1,187 | 2,083 | 271 |
| Death rate attributable to tobacco | 1 | 23 | 55 | 33 | 62 | 17 |
| Proportion of deaths attributable to tobacco (%) | 2 | 10 | 9 | 3 | 3 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 13 | 39 | 31 | 42 | 12 |
| Death rate attributable to tobacco | 0 | 8 | 25 | 15 | 23 | 7 |
| Proportion of deaths attributable to tobacco (%) | 8 | 57 | 63 | 49 | 55 | 55 |
| Death rate: All other malignant neoplasms | 46 | 218 | 546 | 1,156 | 2,041 | 259 |
| Death rate attributable to tobacco | 1 | 16 | 30 | 17 | 39 | 11 |
| Proportion of deaths attributable to tobacco (%) | 2 | 7 | 6 | 2 | 2 | 4 |
| Death rate: All Cardiovascular diseases | 101 | 433 | 1,255 | 3,210 | 8,517 | 666 |
| Death rate attributable to tobacco | 5 | 53 | 59 | 23 | 11 | 28 |
| Proportion of deaths attributable to tobacco (%) | 5 | 12 | 5 | 1 | 0 | 4 |
| Death rate: Ischaemic heart disease | 19 | 147 | 463 | 1,017 | 2,186 | 208 |
| Death rate attributable to tobacco | 2 | 21 | 24 | 9 | 3 | 11 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 5 | 1 | 0 | 5 |
| Death rate: Cerebrovascular disease | 41 | 163 | 465 | 1,191 | 3,003 | 247 |
| Death rate attributable to tobacco | 1 | 18 | 19 | 6 | 3 | 9 |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 4 | 1 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 40 | 123 | 327 | 1,002 | 3,329 | 211 |
| Death rate attributable to tobacco | 3 | 13 | 15 | 7 | 5 | 8 |
| Proportion of deaths attributable to tobacco (%) | 7 | 11 | 5 | 1 | 0 | 4 |
| Death rate: Respiratory diseases | 39 | 121 | 335 | 715 | 1,469 | 164 |
| Death rate attributable to tobacco | 2 | 24 | 72 | 70 | 162 | 24 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 22 | 10 | 11 | 15 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 47 | 166 | 368 | 689 | 72 |
| Death rate attributable to tobacco | 1 | 19 | 63 | 64 | 144 | 20 |
| Proportion of deaths attributable to tobacco (%) | 14 | 41 | 38 | 18 | 21 | 28 |
| Death rate: Other respiratory diseases | 31 | 74 | 169 | 347 | 780 | 92 |
| Death rate attributable to tobacco | 0 | 5 | 9 | 6 | 17 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 5 | 2 | 2 | 4 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,224 | 2,294 | 4,527 | 9,308 | 23,759 | 2,691 | 1,164 | 1,656 | 3,440 | 7,903 | 17,657 | 2,342 |
| Death rate attributable to tobacco | 20 | 241 | 463 | 325 | 748 | 166 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 11 | 10 | 3 | 3 | 6 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 640 | 838 | 1,055 | 1,895 | 5,283 | 881 | 823 | 657 | 856 | 1,610 | 3,637 | 879 |
| Death rate attributable to tobacco | 4 | 28 | 52 | 37 | 149 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 5 | 2 | 3 | 2 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 122 | 95 | 94 | 113 | 105 | 110 | 33 | 24 | 34 | 41 | 32 | 31 |
| Death rate attributable to tobacco | 2 | 7 | 6 | 2 | 3 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 8 | 6 | 2 | 3 | 4 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 60 | 183 | 497 | 1,083 | 3,327 | 249 | 45 | 143 | 354 | 836 | 2,169 | 204 |
| Death rate attributable to tobacco | 2 | 20 | 45 | 34 | 144 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 9 | 3 | 4 | 6 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 317 | 1,224 | 3,272 | 7,081 | 17,917 | 1,554 | 287 | 931 | 2,481 | 6,104 | 13,551 | 1,383 |
| Death rate attributable to tobacco | 16 | 214 | 412 | 288 | 599 | 146 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 17 | 13 | 4 | 3 | 9 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 40 | 246 | 705 | 1,485 | 3,128 | 303 | 56 | 218 | 483 | 947 | 1,384 | 242 |
| Death rate attributable to tobacco | 2 | 49 | 119 | 73 | 154 | 36 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 20 | 17 | 5 | 5 | 12 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 23 | 71 | 65 | 100 | 21 | 1 | 5 | 12 | 4 | 4 | 4 |
| Death rate attributable to tobacco | 0 | 16 | 54 | 34 | 57 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 69 | 76 | 53 | 58 | 65 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 38 | 223 | 634 | 1,420 | 3,028 | 282 | 55 | 213 | 471 | 943 | 1,380 | 238 |
| Death rate attributable to tobacco | 2 | 33 | 66 | 39 | 96 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 15 | 10 | 3 | 3 | 8 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 100 | 482 | 1,358 | 3,143 | 9,049 | 654 | 101 | 388 | 1,166 | 3,265 | 8,161 | 677 |
| Death rate attributable to tobacco | 11 | 110 | 127 | 51 | 27 | 57 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 11 | 23 | 9 | 2 | 0 | 9 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 25 | 203 | 593 | 1,261 | 2,737 | 251 | 13 | 96 | 352 | 821 | 1,816 | 167 |
| Death rate attributable to tobacco | 3 | 44 | 53 | 20 | 7 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 22 | 9 | 2 | 0 | 9 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 39 | 172 | 468 | 1,050 | 2,867 | 224 | 43 | 154 | 462 | 1,305 | 3,095 | 268 |
| Death rate attributable to tobacco | 2 | 38 | 41 | 14 | 8 | 19 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 22 | 9 | 1 | 0 | 8 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 36 | 107 | 297 | 832 | 3,445 | 178 | 45 | 138 | 352 | 1,139 | 3,250 | 242 |
| Death rate attributable to tobacco | 5 | 28 | 33 | 17 | 12 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 15 | 26 | 11 | 2 | 0 | 9 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 42 | 165 | 477 | 987 | 2,088 | 211 | 37 | 81 | 212 | 495 | 1,054 | 121 |
| Death rate attributable to tobacco | 3 | 51 | 156 | 158 | 403 | 50 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 31 | 33 | 16 | 19 | 24 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 10 | 71 | 261 | 554 | 1,091 | 103 | 6 | 26 | 85 | 218 | 420 | 43 |
| Death rate attributable to tobacco | 2 | 41 | 136 | 144 | 360 | 42 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 23 | 57 | 52 | 26 | 33 | 41 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 31 | 94 | 217 | 433 | 997 | 108 | 31 | 56 | 127 | 277 | 635 | 78 |
| Death rate attributable to tobacco | 1 | 10 | 20 | 14 | 43 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 9 | 3 | 4 | 7 | - | - | - | - | - | - |

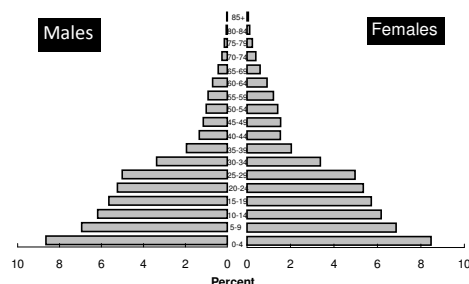
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Eritrea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,640 | 1,634 | 3,274 |
| 30-44 | 289 | 303 | 592 |
| 45-59 | 133 | 182 | 315 |
| 60-69 | 49 | 67 | 116 |
| 70-79 | 17 | 28 | 45 |
| 80+ | 3 | 8 | 11 |
| Total | 2,132 | 2,221 | 4,354 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (831 per 100,000 population) was about 1.9 times that for communicable diseases (432 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 117 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 30% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (46 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 498 | 1,138 | 2,799 | 6,847 | 17,432 | 1,372 |
| Death rate attributable to tobacco | - | 21 | 77 | 100 | 236 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 1 | 1 | 2 |
| Death rate: Communicable diseases | 310 | 374 | 630 | 1,283 | 3,080 | 432 |
| Death rate attributable to tobacco | - | 3 | 8 | 10 | 34 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 94 | 163 | 255 | 364 | 343 | 145 |
| Death rate attributable to tobacco | - | 2 | 4 | 4 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Lower respiratory infections | 7 | 47 | 175 | 505 | 1,676 | 75 |
| Death rate attributable to tobacco | - | 0 | 4 | 5 | 26 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Noncommunicable diseases | 108 | 655 | 1,999 | 5,313 | 13,943 | 831 |
| Death rate attributable to tobacco | - | 18 | 69 | 91 | 202 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 1 | 2 |
| Death rate: All malignant neoplasms | 17 | 144 | 410 | 943 | 1,756 | 153 |
| Death rate attributable to tobacco | - | 6 | 27 | 35 | 81 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 4 | 5 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 22 | 38 | 51 | 7 |
| Death rate attributable to tobacco | - | 2 | 9 | 10 | 18 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 39 | 27 | 35 | 30 |
| Death rate: All other malignant neoplasms | 17 | 137 | 388 | 905 | 1,704 | 146 |
| Death rate attributable to tobacco | - | 4 | 18 | 25 | 63 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 3 | 4 | 3 |
| Death rate: All Cardiovascular diseases | 36 | 267 | 883 | 2,644 | 7,955 | 385 |
| Death rate attributable to tobacco | - | 8 | 15 | 13 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 0 | 0 | 1 |
| Death rate: Ischaemic heart disease | 7 | 88 | 319 | 798 | 1,931 | 117 |
| Death rate attributable to tobacco | - | 3 | 6 | 5 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 15 | 99 | 322 | 974 | 2,800 | 141 |
| Death rate attributable to tobacco | - | 3 | 5 | 4 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 0 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 15 | 80 | 242 | 872 | 3,224 | 127 |
| Death rate attributable to tobacco | - | 2 | 4 | 4 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 0 | 0 | 1 |
| Death rate: Respiratory diseases | 14 | 72 | 231 | 558 | 1,268 | 90 |
| Death rate attributable to tobacco | - | 5 | 26 | 41 | 109 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 11 | 7 | 9 | 8 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 28 | 113 | 283 | 573 | 40 |
| Death rate attributable to tobacco | - | 4 | 23 | 38 | 98 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 20 | 13 | 17 | 16 |
| Death rate: Other respiratory diseases | 11 | 44 | 118 | 275 | 695 | 50 |
| Death rate attributable to tobacco | - | 1 | 2 | 3 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 538 | 1,425 | 3,413 | 7,804 | 19,660 | 1,449 | 459 | 927 | 2,345 | 6,277 | 16,429 | 1,307 |
| Death rate attributable to tobacco | - | 50 | 180 | 268 | 759 | 46 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 3 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 304 | 520 | 836 | 1,600 | 3,776 | 484 | 316 | 267 | 479 | 1,094 | 2,767 | 389 |
| Death rate attributable to tobacco | - | 6 | 18 | 26 | 108 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 131 | 287 | 372 | 683 | 779 | 221 | 59 | 72 | 169 | 173 | 147 | 82 |
| Death rate attributable to tobacco | - | 5 | 10 | 12 | 24 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 7 | 40 | 229 | 532 | 1,902 | 69 | 7 | 52 | 135 | 489 | 1,575 | 80 |
| Death rate attributable to tobacco | - | 1 | 8 | 13 | 84 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 110 | 728 | 2,332 | 5,860 | 15,410 | 803 | 107 | 601 | 1,752 | 4,986 | 13,283 | 854 |
| Death rate attributable to tobacco | - | 44 | 162 | 242 | 651 | 41 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 4 | 4 | 5 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 13 | 149 | 502 | 1,229 | 2,703 | 159 | 21 | 140 | 342 | 772 | 1,329 | 148 |
| Death rate attributable to tobacco | - | 13 | 63 | 94 | 262 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 13 | 8 | 10 | 9 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 0 | 11 | 38 | 59 | 101 | 10 | 1 | 3 | 11 | 26 | 29 | 4 |
| Death rate attributable to tobacco | - | 4 | 20 | 28 | 58 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 54 | 47 | 58 | 45 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 13 | 138 | 465 | 1,171 | 2,602 | 150 | 20 | 137 | 331 | 746 | 1,300 | 143 |
| Death rate attributable to tobacco | - | 10 | 43 | 67 | 203 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 9 | 6 | 8 | 7 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 34 | 289 | 966 | 2,600 | 7,768 | 338 | 38 | 251 | 822 | 2,670 | 8,040 | 424 |
| Death rate attributable to tobacco | - | 18 | 36 | 34 | 23 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 1 | 0 | 3 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 124 | 419 | 1,036 | 2,330 | 132 | 5 | 61 | 244 | 657 | 1,752 | 104 |
| Death rate attributable to tobacco | - | 7 | 15 | 13 | 6 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 1 | 0 | 3 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 13 | 101 | 330 | 859 | 2,435 | 115 | 16 | 97 | 317 | 1,042 | 2,964 | 163 |
| Death rate attributable to tobacco | - | 6 | 12 | 10 | 7 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 1 | 0 | 3 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 13 | 64 | 217 | 705 | 3,003 | 92 | 17 | 93 | 261 | 971 | 3,324 | 157 |
| Death rate attributable to tobacco | - | 5 | 10 | 11 | 11 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 2 | 0 | 3 | - | - | - | - | - | - |
| <i>Death rate: Respiratory diseases</i> | 14 | 98 | 341 | 817 | 1,798 | 110 | 14 | 52 | 150 | 404 | 1,029 | 73 |
| Death rate attributable to tobacco | - | 11 | 60 | 110 | 352 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 18 | 13 | 20 | 14 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 43 | 186 | 459 | 941 | 55 | 2 | 17 | 60 | 178 | 407 | 27 |
| Death rate attributable to tobacco | - | 10 | 55 | 101 | 315 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 29 | 22 | 33 | 25 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 11 | 55 | 155 | 358 | 857 | 55 | 11 | 36 | 90 | 226 | 622 | 46 |
| Death rate attributable to tobacco | - | 1 | 6 | 9 | 38 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 4 | 3 | - | - | - | - | - | - |

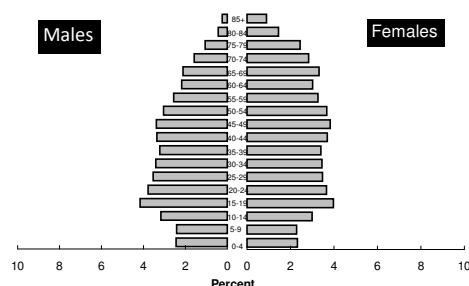
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Estonia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 263 | 252 | 515 |
| 30-44 | 135 | 142 | 277 |
| 45-59 | 121 | 145 | 266 |
| 60-69 | 58 | 85 | 143 |
| 70-79 | 35 | 71 | 107 |
| 80+ | 9 | 32 | 41 |
| Total | 621 | 727 | 1,348 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1851 per 100,000 population) was about 36.4 times that for communicable diseases (51 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 24% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 662 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 82 deaths per 100,000 population but with 86% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 29% of all lower respiratory infection deaths and 27% of all tuberculosis deaths.

- The death rate due to tobacco in men was (636 per 100,000 men aged 30 years and over) compared with women (132 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 26% for men and 7% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 31.1% of those whose death was due to a lower respiratory infection, 51.4% of deaths due to the category of 'all cardiovascular diseases combined', and 84.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 331 | 1,044 | 2,319 | 4,737 | 12,959 | 2,081 |
| Death rate attributable to tobacco | 58 | 268 | 652 | 819 | 553 | 349 |
| Proportion of deaths attributable to tobacco (%) | 18 | 26 | 28 | 17 | 4 | 17 |
| Death rate: Communicable diseases | 25 | 53 | 59 | 57 | 163 | 51 |
| Death rate attributable to tobacco | 8 | 13 | 16 | 11 | 22 | 12 |
| Proportion of deaths attributable to tobacco (%) | 31 | 25 | 27 | 19 | 13 | 24 |
| Death rate: Tuberculosis | 10 | 17 | 12 | 9 | 13 | 13 |
| Death rate attributable to tobacco | 3 | 4 | 3 | 2 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | 36 | 24 | 25 | 23 | 13 | 27 |
| Death rate: Lower respiratory infections | 10 | 30 | 39 | 36 | 124 | 30 |
| Death rate attributable to tobacco | 4 | 9 | 13 | 9 | 20 | 9 |
| Proportion of deaths attributable to tobacco (%) | 45 | 31 | 33 | 24 | 16 | 29 |
| Death rate: Noncommunicable diseases | 155 | 761 | 2,070 | 4,566 | 12,618 | 1,851 |
| Death rate attributable to tobacco | 50 | 255 | 636 | 808 | 532 | 337 |
| Proportion of deaths attributable to tobacco (%) | 32 | 33 | 31 | 18 | 4 | 18 |
| Death rate: All malignant neoplasms | 41 | 239 | 688 | 1,159 | 1,571 | 433 |
| Death rate attributable to tobacco | 12 | 69 | 238 | 303 | 212 | 116 |
| Proportion of deaths attributable to tobacco (%) | 29 | 29 | 35 | 26 | 13 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 7 | 46 | 167 | 224 | 160 | 82 |
| Death rate attributable to tobacco | 5 | 39 | 151 | 194 | 119 | 71 |
| Proportion of deaths attributable to tobacco (%) | 76 | 85 | 90 | 87 | 74 | 86 |
| Death rate: All other malignant neoplasms | 34 | 193 | 521 | 935 | 1,412 | 351 |
| Death rate attributable to tobacco | 6 | 30 | 88 | 109 | 93 | 45 |
| Proportion of deaths attributable to tobacco (%) | 19 | 16 | 17 | 12 | 7 | 13 |
| Death rate: All Cardiovascular diseases | 50 | 344 | 1,111 | 2,874 | 10,106 | 1,179 |
| Death rate attributable to tobacco | 36 | 177 | 355 | 410 | 206 | 192 |
| Proportion of deaths attributable to tobacco (%) | 73 | 51 | 32 | 14 | 2 | 16 |
| Death rate: Ischaemic heart disease | 20 | 173 | 624 | 1,614 | 5,869 | 662 |
| Death rate attributable to tobacco | 15 | 87 | 199 | 223 | 146 | 103 |
| Proportion of deaths attributable to tobacco (%) | 72 | 51 | 32 | 14 | 2 | 16 |
| Death rate: Cerebrovascular disease | 8 | 68 | 260 | 789 | 2,686 | 301 |
| Death rate attributable to tobacco | 5 | 33 | 79 | 114 | 11 | 41 |
| Proportion of deaths attributable to tobacco (%) | 66 | 49 | 30 | 14 | 0 | 14 |
| Death rate: Other cardiovascular diseases | 22 | 103 | 227 | 471 | 1,551 | 215 |
| Death rate attributable to tobacco | 17 | 56 | 76 | 74 | 48 | 48 |
| Proportion of deaths attributable to tobacco (%) | 76 | 54 | 34 | 16 | 3 | 22 |
| Death rate: Respiratory diseases | 2 | 15 | 52 | 127 | 201 | 41 |
| Death rate attributable to tobacco | 1 | 7 | 36 | 83 | 106 | 25 |
| Proportion of deaths attributable to tobacco (%) | 47 | 48 | 69 | 65 | 53 | 61 |
| Death rate: Chronic obstructive pulmonary disease | - | 4 | 38 | 97 | 149 | 28 |
| Death rate attributable to tobacco | - | 4 | 32 | 76 | 99 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 86 | 83 | 78 | 66 | 77 |
| Death rate: Other respiratory diseases | 2 | 11 | 14 | 30 | 52 | 13 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 7 | 7 | 3 |
| Proportion of deaths attributable to tobacco (%) | 47 | 33 | 30 | 24 | 14 | 27 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 527 | 1,630 | 3,752 | 7,078 | 15,667 | 2,455 | 145 | 555 | 1,349 | 3,569 | 12,179 | 1,799 |
| Death rate attributable to tobacco | 106 | 515 | 1,346 | 1,704 | 1,425 | 636 | 13 | 62 | 181 | 378 | 302 | 132 |
| Proportion of deaths attributable to tobacco (%) | 20 | 32 | 36 | 24 | 9 | 26 | 9 | 11 | 13 | 11 | 2 | 7 |
| <u>Death rate: Communicable diseases</u> | 41 | 88 | 111 | 106 | 312 | 81 | 10 | 24 | 25 | 33 | 120 | 28 |
| Death rate attributable to tobacco | 15 | 27 | 35 | 24 | 72 | 25 | 1 | 2 | 3 | 4 | 7 | 3 |
| Proportion of deaths attributable to tobacco (%) | 36 | 30 | 32 | 23 | 23 | 30 | 10 | 9 | 10 | 13 | 6 | 9 |
| <u>Death rate: Tuberculosis</u> | 17 | 31 | 24 | 28 | 37 | 24 | 2 | 6 | 4 | - | 7 | 4 |
| Death rate attributable to tobacco | 7 | 9 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 28 | 30 | 23 | 19 | 30 | 17 | 8 | 8 | | 4 | 9 |
| <u>Death rate: Lower respiratory infections</u> | 17 | 50 | 75 | 57 | 252 | 48 | 2 | 12 | 15 | 26 | 87 | 17 |
| Death rate attributable to tobacco | 8 | 18 | 29 | 18 | 65 | 17 | 1 | 2 | 2 | 4 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 36 | 38 | 31 | 26 | 36 | 28 | 14 | 15 | 16 | 8 | 13 |
| <u>Death rate: Noncommunicable diseases</u> | 222 | 1,123 | 3,292 | 6,761 | 15,079 | 2,048 | 91 | 458 | 1,243 | 3,472 | 11,909 | 1,702 |
| Death rate attributable to tobacco | 91 | 488 | 1,311 | 1,680 | 1,353 | 612 | 12 | 60 | 179 | 373 | 295 | 129 |
| Proportion of deaths attributable to tobacco (%) | 41 | 43 | 40 | 25 | 9 | 30 | 13 | 13 | 14 | 11 | 2 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 38 | 286 | 1,040 | 1,916 | 2,937 | 543 | 43 | 199 | 450 | 782 | 1,178 | 350 |
| Death rate attributable to tobacco | 18 | 134 | 516 | 741 | 763 | 228 | 6 | 15 | 50 | 84 | 53 | 31 |
| Proportion of deaths attributable to tobacco (%) | 46 | 47 | 50 | 39 | 26 | 42 | 14 | 7 | 11 | 11 | 5 | 9 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 10 | 81 | 341 | 502 | 482 | 148 | 4 | 17 | 50 | 85 | 67 | 32 |
| Death rate attributable to tobacco | 8 | 74 | 324 | 471 | 439 | 138 | 3 | 10 | 33 | 55 | 27 | 20 |
| Proportion of deaths attributable to tobacco (%) | 83 | 91 | 95 | 94 | 91 | 93 | 61 | 59 | 67 | 65 | 40 | 61 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 205 | 699 | 1,414 | 2,455 | 395 | 39 | 182 | 400 | 697 | 1,111 | 317 |
| Death rate attributable to tobacco | 9 | 60 | 193 | 271 | 324 | 90 | 4 | 5 | 17 | 28 | 27 | 12 |
| Proportion of deaths attributable to tobacco (%) | 33 | 29 | 28 | 19 | 13 | 23 | 9 | 3 | 4 | 4 | 2 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 85 | 577 | 1,843 | 4,043 | 10,857 | 1,201 | 16 | 149 | 616 | 2,291 | 9,890 | 1,162 |
| Death rate attributable to tobacco | 68 | 335 | 701 | 722 | 225 | 329 | 6 | 44 | 120 | 255 | 200 | 88 |
| Proportion of deaths attributable to tobacco (%) | 81 | 58 | 38 | 18 | 2 | 27 | 34 | 30 | 20 | 11 | 2 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 34 | 307 | 1,121 | 2,444 | 6,926 | 716 | 7 | 60 | 287 | 1,201 | 5,565 | 622 |
| Death rate attributable to tobacco | 28 | 173 | 417 | 435 | 138 | 183 | 2 | 16 | 52 | 117 | 149 | 42 |
| Proportion of deaths attributable to tobacco (%) | 82 | 56 | 37 | 18 | 2 | 26 | 29 | 27 | 18 | 10 | 3 | 7 |
| <u>Death rate: Cerebrovascular disease</u> | 14 | 101 | 384 | 974 | 2,445 | 260 | 2 | 40 | 176 | 697 | 2,755 | 332 |
| Death rate attributable to tobacco | 9 | 58 | 142 | 156 | 49 | 63 | 1 | 13 | 36 | 92 | - | 25 |
| Proportion of deaths attributable to tobacco (%) | 68 | 57 | 37 | 16 | 2 | 24 | 54 | 32 | 21 | 13 | - | 7 |
| <u>Death rate: Other cardiovascular diseases</u> | 37 | 169 | 337 | 625 | 1,485 | 225 | 7 | 49 | 153 | 393 | 1,570 | 208 |
| Death rate attributable to tobacco | 31 | 104 | 142 | 130 | 37 | 84 | 3 | 15 | 32 | 45 | 51 | 21 |
| Proportion of deaths attributable to tobacco (%) | 85 | 62 | 42 | 21 | 3 | 37 | 34 | 31 | 21 | 12 | 3 | 10 |
| <u>Death rate: Respiratory diseases</u> | 4 | 29 | 105 | 267 | 493 | 68 | - | 3 | 16 | 58 | 117 | 20 |
| Death rate attributable to tobacco | 2 | 16 | 80 | 195 | 347 | 47 | - | 0 | 6 | 27 | 36 | 8 |
| Proportion of deaths attributable to tobacco (%) | 47 | 53 | 76 | 73 | 70 | 70 | | 14 | 40 | 48 | 31 | 39 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 10 | 81 | 216 | 413 | 48 | - | - | 9 | 37 | 73 | 12 |
| Death rate attributable to tobacco | - | 8 | 71 | 179 | 327 | 40 | - | - | 5 | 24 | 33 | 7 |
| Proportion of deaths attributable to tobacco (%) | | 86 | 87 | 83 | 79 | 83 | | | 62 | 64 | 45 | 56 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 20 | 24 | 51 | 80 | 19 | - | 3 | 8 | 20 | 43 | 8 |
| Death rate attributable to tobacco | 2 | 7 | 9 | 16 | 21 | 7 | - | 0 | 1 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 36 | 38 | 31 | 26 | 35 | | 14 | 15 | 16 | 8 | 13 |

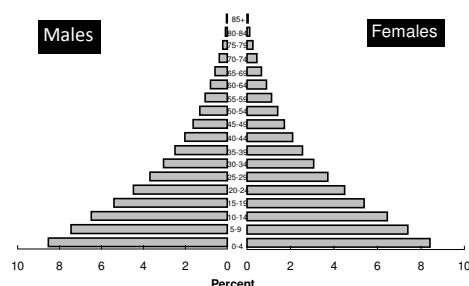
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Ethiopia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 27,756 | 27,606 | 55,362 |
| 30-44 | 5,823 | 5,940 | 11,763 |
| 45-59 | 3,076 | 3,277 | 6,353 |
| 60-69 | 1,068 | 1,198 | 2,266 |
| 70-79 | 461 | 554 | 1,015 |
| 80+ | 98 | 138 | 236 |
| Total | 38,281 | 38,714 | 76,995 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1046 per 100,000 population) was about 1.2 times that for communicable diseases (869 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 146 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 25% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (38 per 100,000 men aged 30 years and over) compared with women (25 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 1% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,025 | 1,790 | 3,720 | 8,232 | 18,077 | 2,056 |
| Death rate attributable to tobacco | - | 30 | 105 | 190 | 252 | 31 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 1 | 2 |
| Death rate: Communicable diseases | 708 | 890 | 1,155 | 1,621 | 2,393 | 869 |
| Death rate attributable to tobacco | - | 6 | 14 | 20 | 26 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 1 | 0 |
| Death rate: Tuberculosis | 129 | 156 | 178 | 215 | 210 | 147 |
| Death rate attributable to tobacco | - | 2 | 3 | 2 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 1 | 1 | 1 |
| Death rate: Lower respiratory infections | 40 | 188 | 480 | 794 | 1,346 | 179 |
| Death rate attributable to tobacco | - | 3 | 11 | 18 | 24 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |
| Death rate: Noncommunicable diseases | 202 | 756 | 2,364 | 6,352 | 15,413 | 1,046 |
| Death rate attributable to tobacco | - | 24 | 92 | 169 | 226 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 1 | 3 |
| Death rate: All malignant neoplasms | 32 | 164 | 485 | 1,149 | 2,086 | 193 |
| Death rate attributable to tobacco | - | 7 | 32 | 42 | 77 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 4 | 4 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 8 | 25 | 40 | 52 | 8 |
| Death rate attributable to tobacco | - | 2 | 8 | 10 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 33 | 24 | 20 | 25 |
| Death rate: All other malignant neoplasms | 31 | 157 | 460 | 1,109 | 2,034 | 185 |
| Death rate attributable to tobacco | - | 5 | 24 | 33 | 67 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 3 | 3 | 3 |
| Death rate: All Cardiovascular diseases | 68 | 307 | 1,047 | 3,124 | 8,603 | 477 |
| Death rate attributable to tobacco | - | 10 | 28 | 66 | 32 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 0 | 2 |
| Death rate: Ischaemic heart disease | 12 | 102 | 380 | 979 | 2,170 | 146 |
| Death rate attributable to tobacco | - | 4 | 9 | 14 | 10 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 27 | 115 | 387 | 1,152 | 3,034 | 176 |
| Death rate attributable to tobacco | - | 4 | 10 | 29 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 3 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 28 | 90 | 280 | 993 | 3,399 | 155 |
| Death rate attributable to tobacco | - | 3 | 9 | 24 | 22 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 1 | 2 |
| Death rate: Respiratory diseases | 26 | 84 | 273 | 690 | 1,462 | 116 |
| Death rate attributable to tobacco | - | 6 | 30 | 55 | 111 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 11 | 8 | 8 | 8 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 33 | 134 | 354 | 683 | 51 |
| Death rate attributable to tobacco | - | 6 | 27 | 47 | 97 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 20 | 13 | 14 | 15 |
| Death rate: Other respiratory diseases | 21 | 51 | 139 | 335 | 779 | 65 |
| Death rate attributable to tobacco | - | 1 | 3 | 8 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,045 | 2,093 | 4,289 | 9,002 | 19,239 | 2,198 | 1,005 | 1,506 | 3,214 | 7,591 | 17,254 | 1,922 |
| Death rate attributable to tobacco | - | 62 | 151 | 43 | 278 | 38 | - | - | 64 | 312 | 233 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 0 | 1 | 2 | - | - | 2 | 4 | 1 | 1 |
| <u>Death rate: Communicable diseases</u> | 647 | 1,070 | 1,498 | 2,022 | 2,910 | 938 | 768 | 720 | 850 | 1,288 | 2,027 | 804 |
| Death rate attributable to tobacco | - | 12 | 21 | 3 | 22 | 6 | - | - | 7 | 34 | 28 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 0 | 1 | 1 | - | - | 1 | 3 | 1 | 0 |
| <u>Death rate: Tuberculosis</u> | 176 | 244 | 240 | 338 | 359 | 211 | 83 | 73 | 123 | 113 | 104 | 86 |
| Death rate attributable to tobacco | - | 5 | 4 | 1 | 3 | 2 | - | - | 1 | 3 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 0 | 1 | 1 | - | - | 1 | 3 | 1 | 0 |
| <u>Death rate: Lower respiratory infections</u> | 54 | 227 | 673 | 1,010 | 1,628 | 224 | 26 | 151 | 308 | 613 | 1,147 | 136 |
| Death rate attributable to tobacco | - | 7 | 17 | 3 | 19 | 4 | - | - | 6 | 31 | 27 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 0 | 1 | 2 | - | - | 2 | 5 | 2 | 2 |
| <u>Death rate: Noncommunicable diseases</u> | 204 | 789 | 2,498 | 6,621 | 15,996 | 1,035 | 201 | 725 | 2,245 | 6,128 | 15,001 | 1,056 |
| Death rate attributable to tobacco | - | 50 | 130 | 39 | 256 | 32 | - | - | 57 | 278 | 205 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 5 | 1 | 2 | 3 | - | - | 3 | 5 | 1 | 2 |
| <u>Death rate: All malignant neoplasms</u> | 25 | 159 | 539 | 1,388 | 2,864 | 202 | 39 | 169 | 437 | 951 | 1,534 | 184 |
| Death rate attributable to tobacco | - | 15 | 55 | 18 | 123 | 12 | - | - | 12 | 63 | 45 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 10 | 1 | 4 | 6 | - | - | 3 | 7 | 3 | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 11 | 31 | 34 | 57 | 9 | 1 | 5 | 20 | 45 | 48 | 7 |
| Death rate attributable to tobacco | - | 4 | 13 | 3 | 15 | 3 | - | - | 4 | 15 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 44 | 9 | 26 | 31 | - | - | 19 | 34 | 15 | 18 |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 148 | 508 | 1,354 | 2,807 | 194 | 38 | 164 | 417 | 906 | 1,487 | 177 |
| Death rate attributable to tobacco | - | 11 | 41 | 15 | 108 | 9 | - | - | 8 | 48 | 38 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 1 | 4 | 5 | - | - | 2 | 5 | 3 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 64 | 311 | 1,037 | 2,941 | 8,000 | 435 | 71 | 303 | 1,056 | 3,278 | 9,030 | 517 |
| Death rate attributable to tobacco | - | 21 | 26 | 4 | 6 | 9 | - | - | 30 | 118 | 50 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 0 | 0 | 2 | - | - | 3 | 4 | 1 | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 15 | 131 | 450 | 1,172 | 2,421 | 166 | 9 | 74 | 317 | 818 | 1,992 | 127 |
| Death rate attributable to tobacco | - | 8 | 11 | 2 | 2 | 4 | - | - | 8 | 24 | 15 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 2 | 0 | 0 | 2 | - | - | 2 | 3 | 1 | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 25 | 110 | 356 | 977 | 2,524 | 148 | 30 | 119 | 414 | 1,298 | 3,395 | 203 |
| Death rate attributable to tobacco | - | 7 | 8 | 1 | 2 | 3 | - | - | 12 | 52 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 2 | 0 | 0 | 2 | - | - | 3 | 4 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 24 | 70 | 230 | 792 | 3,055 | 120 | 32 | 109 | 325 | 1,161 | 3,643 | 187 |
| Death rate attributable to tobacco | - | 6 | 7 | 1 | 3 | 2 | - | - | 10 | 42 | 35 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 3 | 0 | 0 | 2 | - | - | 3 | 4 | 1 | 2 |
| <u>Death rate: Respiratory diseases</u> | 27 | 106 | 364 | 922 | 1,877 | 141 | 26 | 63 | 192 | 497 | 1,168 | 93 |
| Death rate attributable to tobacco | - | 13 | 47 | 16 | 123 | 10 | - | - | 14 | 87 | 102 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 13 | 2 | 7 | 7 | - | - | 7 | 17 | 9 | 8 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 6 | 46 | 199 | 518 | 990 | 69 | 4 | 20 | 77 | 218 | 465 | 33 |
| Death rate attributable to tobacco | - | 11 | 43 | 15 | 113 | 9 | - | - | 12 | 73 | 86 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 22 | 3 | 11 | 14 | - | - | 16 | 33 | 18 | 18 |
| <u>Death rate: Other respiratory diseases</u> | 20 | 60 | 165 | 404 | 887 | 72 | 22 | 43 | 115 | 278 | 703 | 59 |
| Death rate attributable to tobacco | - | 2 | 4 | 1 | 10 | 1 | - | - | 2 | 14 | 16 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 0 | 1 | 1 | - | - | 2 | 5 | 2 | 2 |

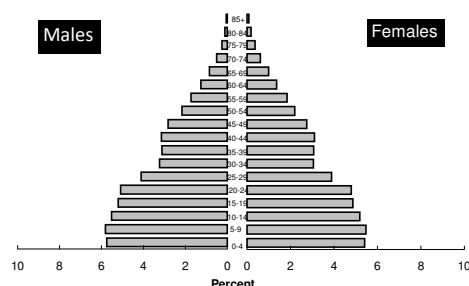
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Fiji

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 259 | 244 | 503 |
| 30-44 | 78 | 76 | 154 |
| 45-59 | 55 | 56 | 111 |
| 60-69 | 17 | 19 | 37 |
| 70-79 | 6 | 8 | 14 |
| 80+ | 1 | 2 | 4 |
| Total | 418 | 405 | 823 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1086 per 100,000 population) was about 5.4 times that for communicable diseases (203 per 100,000). Tobacco was responsible for 0% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 244 deaths per 100,000 population aged 30 years and over, with 0% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 2 deaths per 100,000 population but with 0% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 0% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (0 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 0% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 358 | 1,089 | 2,828 | 6,245 | 15,167 | 1,329 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Communicable diseases | 55 | 146 | 373 | 1,129 | 2,799 | 203 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Tuberculosis | 2 | 6 | 10 | 13 | 26 | 5 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Lower respiratory infections | 10 | 25 | 73 | 331 | 809 | 46 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Noncommunicable diseases | 264 | 905 | 2,413 | 5,067 | 12,245 | 1,086 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: All malignant neoplasms | 48 | 121 | 253 | 416 | 1,012 | 124 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Trachea, bronchus, lung cancers | 0 | 2 | 3 | 5 | 9 | 2 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: All other malignant neoplasms | 47 | 119 | 250 | 410 | 1,003 | 123 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: All Cardiovascular diseases | 132 | 523 | 1,444 | 3,004 | 7,271 | 629 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Ischaemic heart disease | 61 | 275 | 593 | 719 | 1,676 | 244 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Cerebrovascular disease | 44 | 137 | 492 | 1,070 | 2,598 | 203 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Other cardiovascular diseases | 27 | 111 | 358 | 1,215 | 2,996 | 182 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Respiratory diseases | 16 | 63 | 215 | 536 | 1,267 | 93 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Chronic obstructive pulmonary disease | 2 | 9 | 70 | 167 | 397 | 24 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Other respiratory diseases | 14 | 54 | 145 | 368 | 869 | 69 |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 448 | 1,361 | 3,571 | 7,544 | 17,093 | 1,537 | 266 | 818 | 2,163 | 5,241 | 13,955 | 1,124 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 63 | 178 | 402 | 1,217 | 2,757 | 210 | 47 | 115 | 347 | 1,061 | 2,825 | 196 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 3 | 10 | 16 | 30 | 68 | 9 | - | 2 | 6 | - | - | 1 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 11 | 33 | 100 | 391 | 885 | 51 | 9 | 18 | 48 | 286 | 761 | 41 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 324 | 1,124 | 3,097 | 6,281 | 14,230 | 1,266 | 203 | 688 | 1,801 | 4,130 | 10,995 | 909 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 27 | 85 | 263 | 496 | 1,123 | 101 | 69 | 158 | 244 | 354 | 942 | 147 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 0 | 2 | 6 | 11 | 1 | - | 5 | 4 | 5 | 8 | 3 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 26 | 85 | 261 | 490 | 1,113 | 100 | 69 | 153 | 240 | 349 | 934 | 145 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 201 | 735 | 1,859 | 3,696 | 8,375 | 780 | 61 | 313 | 1,073 | 2,470 | 6,576 | 481 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 111 | 462 | 929 | 1,052 | 2,383 | 380 | 10 | 89 | 293 | 463 | 1,232 | 111 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 61 | 145 | 488 | 1,292 | 2,928 | 211 | 27 | 130 | 497 | 898 | 2,391 | 195 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 30 | 128 | 442 | 1,352 | 3,064 | 188 | 24 | 94 | 283 | 1,109 | 2,954 | 175 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Respiratory diseases</i> | 21 | 90 | 309 | 736 | 1,668 | 120 | 11 | 37 | 132 | 381 | 1,014 | 67 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 15 | 108 | 225 | 511 | 31 | 3 | 2 | 36 | 122 | 326 | 17 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 20 | 75 | 201 | 511 | 1,157 | 88 | 8 | 34 | 96 | 258 | 688 | 50 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |

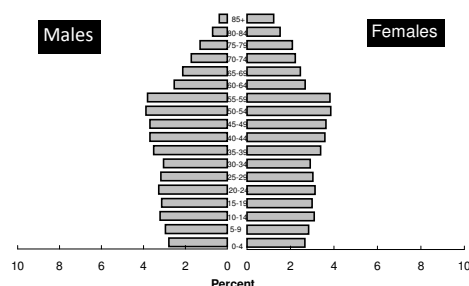
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Finland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 969 | 928 | 1,897 |
| 30-44 | 536 | 517 | 1,053 |
| 45-59 | 595 | 591 | 1,187 |
| 60-69 | 244 | 268 | 512 |
| 70-79 | 158 | 225 | 383 |
| 80+ | 56 | 143 | 200 |
| Total | 2,559 | 2,673 | 5,231 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1221 per 100,000 population) was about 19.7 times that for communicable diseases (62 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 15% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 349 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 56 deaths per 100,000 population but with 80% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (237 per 100,000 men aged 30 years and over) compared with women (79 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 6% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 145 | 504 | 1,207 | 3,077 | 10,549 | 1,396 |
| Death rate attributable to tobacco | - | 82 | 216 | 458 | 664 | 155 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 18 | 15 | 6 | 11 |
| Death rate: Communicable diseases | 3 | 11 | 25 | 114 | 669 | 62 |
| Death rate attributable to tobacco | - | 1 | 3 | 18 | 105 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 12 | 16 | 16 | 15 |
| Death rate: Tuberculosis | 0 | 0 | 2 | 6 | 15 | 2 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 10 | 12 | 12 | 11 |
| Death rate: Lower respiratory infections | 1 | 6 | 16 | 91 | 580 | 50 |
| Death rate attributable to tobacco | - | 1 | 3 | 17 | 103 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 17 | 19 | 18 | 18 |
| Death rate: Noncommunicable diseases | 74 | 387 | 1,076 | 2,820 | 9,522 | 1,221 |
| Death rate attributable to tobacco | - | 80 | 213 | 440 | 559 | 145 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 20 | 16 | 6 | 12 |
| Death rate: All malignant neoplasms | 21 | 134 | 435 | 879 | 1,540 | 314 |
| Death rate attributable to tobacco | - | 29 | 106 | 218 | 244 | 66 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 24 | 25 | 16 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 26 | 93 | 187 | 186 | 56 |
| Death rate attributable to tobacco | - | 19 | 76 | 157 | 146 | 45 |
| Proportion of deaths attributable to tobacco (%) | - | 73 | 82 | 84 | 78 | 80 |
| Death rate: All other malignant neoplasms | 20 | 108 | 342 | 692 | 1,353 | 258 |
| Death rate attributable to tobacco | - | 10 | 30 | 62 | 98 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 9 | 9 | 7 | 8 |
| Death rate: All Cardiovascular diseases | 23 | 141 | 435 | 1,317 | 5,272 | 591 |
| Death rate attributable to tobacco | - | 47 | 82 | 148 | 174 | 57 |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 19 | 11 | 3 | 10 |
| Death rate: Ischaemic heart disease | 7 | 79 | 267 | 803 | 3,103 | 349 |
| Death rate attributable to tobacco | - | 25 | 49 | 88 | 124 | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 18 | 11 | 4 | 10 |
| Death rate: Cerebrovascular disease | 7 | 25 | 84 | 307 | 1,314 | 138 |
| Death rate attributable to tobacco | - | 8 | 15 | 34 | 6 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 18 | 11 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 10 | 37 | 83 | 206 | 856 | 104 |
| Death rate attributable to tobacco | - | 14 | 18 | 27 | 45 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 22 | 13 | 5 | 13 |
| Death rate: Respiratory diseases | 1 | 8 | 43 | 121 | 240 | 38 |
| Death rate attributable to tobacco | - | 4 | 23 | 70 | 132 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 52 | 54 | 58 | 55 | 55 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 6 | 31 | 89 | 164 | 27 |
| Death rate attributable to tobacco | - | 4 | 21 | 64 | 119 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 67 | 69 | 71 | 72 | 71 |
| Death rate: Other respiratory diseases | 0 | 2 | 12 | 31 | 77 | 11 |
| Death rate attributable to tobacco | - | 0 | 2 | 6 | 14 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 17 | 19 | 18 | 18 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 201 | 699 | 1,716 | 4,286 | 12,152 | 1,450 | 86 | 309 | 744 | 2,230 | 9,918 | 1,347 |
| Death rate attributable to tobacco | - | 134 | 378 | 856 | 1,245 | 237 | - | 29 | 69 | 178 | 436 | 79 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 22 | 20 | 10 | 16 | - | 9 | 9 | 8 | 4 | 6 |
| <u>Death rate: Communicable diseases</u> | 5 | 14 | 35 | 151 | 880 | 58 | 2 | 8 | 15 | 89 | 586 | 65 |
| Death rate attributable to tobacco | - | 2 | 5 | 31 | 184 | 11 | - | 1 | 1 | 8 | 74 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 15 | 21 | 21 | 19 | - | 7 | 7 | 9 | 13 | 12 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 2 | 6 | 24 | 2 | - | 0 | 2 | 5 | 12 | 2 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 4 | 0 | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 15 | 17 | 17 | 16 | - | 7 | 6 | 7 | 8 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 8 | 24 | 131 | 771 | 48 | 0 | 5 | 9 | 63 | 505 | 53 |
| Death rate attributable to tobacco | - | 1 | 5 | 30 | 179 | 11 | - | 1 | 1 | 8 | 73 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 20 | 23 | 23 | 22 | - | 12 | 10 | 13 | 14 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 93 | 522 | 1,515 | 3,906 | 10,809 | 1,231 | 55 | 251 | 676 | 2,059 | 9,014 | 1,211 |
| Death rate attributable to tobacco | - | 132 | 373 | 825 | 1,061 | 226 | - | 29 | 68 | 170 | 361 | 72 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 25 | 21 | 10 | 18 | - | 11 | 10 | 8 | 4 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 19 | 138 | 536 | 1,245 | 2,316 | 346 | 23 | 129 | 343 | 622 | 1,234 | 285 |
| Death rate attributable to tobacco | - | 45 | 190 | 442 | 598 | 111 | - | 12 | 30 | 62 | 105 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 35 | 36 | 26 | 32 | - | 9 | 9 | 10 | 8 | 9 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 36 | 152 | 351 | 425 | 87 | 1 | 16 | 39 | 72 | 92 | 28 |
| Death rate attributable to tobacco | - | 29 | 135 | 320 | 383 | 77 | - | 9 | 22 | 42 | 52 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 80 | 89 | 91 | 90 | 88 | - | 56 | 57 | 58 | 56 | 56 |
| <u>Death rate: All other malignant neoplasms</u> | 17 | 102 | 384 | 893 | 1,890 | 259 | 22 | 114 | 305 | 550 | 1,141 | 257 |
| Death rate attributable to tobacco | - | 17 | 54 | 122 | 215 | 34 | - | 3 | 8 | 20 | 53 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 14 | 14 | 11 | 13 | - | 2 | 3 | 4 | 5 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 34 | 226 | 686 | 1,884 | 5,756 | 593 | 13 | 55 | 207 | 919 | 5,081 | 590 |
| Death rate attributable to tobacco | - | 79 | 141 | 246 | 105 | 79 | - | 15 | 29 | 80 | 202 | 36 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 21 | 13 | 2 | 13 | - | 27 | 14 | 9 | 4 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 13 | 135 | 451 | 1,249 | 3,632 | 377 | 1 | 23 | 101 | 491 | 2,894 | 324 |
| Death rate attributable to tobacco | - | 45 | 89 | 160 | 63 | 49 | - | 6 | 13 | 37 | 147 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 20 | 13 | 2 | 13 | - | 25 | 13 | 8 | 5 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 7 | 33 | 109 | 368 | 1,255 | 113 | 6 | 16 | 61 | 265 | 1,337 | 161 |
| Death rate attributable to tobacco | - | 11 | 21 | 42 | 22 | 12 | - | 5 | 9 | 27 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 20 | 12 | 2 | 11 | - | 30 | 15 | 10 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 14 | 58 | 126 | 267 | 869 | 103 | 6 | 16 | 45 | 163 | 850 | 105 |
| Death rate attributable to tobacco | - | 23 | 30 | 43 | 20 | 18 | - | 5 | 7 | 15 | 54 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 39 | 24 | 16 | 2 | 18 | - | 29 | 16 | 9 | 6 | 9 |
| <u>Death rate: Respiratory diseases</u> | 1 | 12 | 66 | 200 | 528 | 53 | 0 | 4 | 22 | 65 | 127 | 24 |
| Death rate attributable to tobacco | - | 7 | 40 | 131 | 346 | 34 | - | 2 | 8 | 27 | 48 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 57 | 61 | 65 | 65 | 63 | - | 38 | 36 | 42 | 38 | 39 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 9 | 50 | 158 | 417 | 42 | - | 3 | 13 | 42 | 64 | 14 |
| Death rate attributable to tobacco | - | 6 | 37 | 121 | 320 | 31 | - | 1 | 7 | 24 | 39 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 71 | 73 | 77 | 77 | 75 | - | 57 | 52 | 58 | 61 | 58 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 3 | 16 | 43 | 110 | 12 | 0 | 2 | 9 | 23 | 63 | 10 |
| Death rate attributable to tobacco | - | 1 | 3 | 10 | 26 | 3 | - | 0 | 1 | 3 | 9 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 20 | 23 | 23 | 22 | - | 12 | 10 | 13 | 14 | 13 |

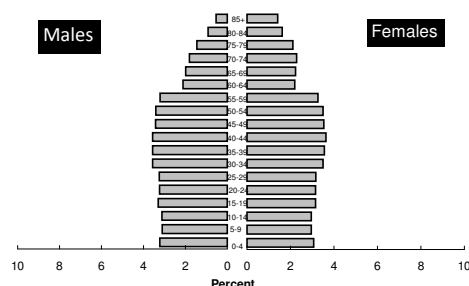
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

France

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 11,637 | 11,186 | 22,823 |
| 30-44 | 6,477 | 6,482 | 12,958 |
| 45-59 | 6,087 | 6,238 | 12,325 |
| 60-69 | 2,478 | 2,690 | 5,168 |
| 70-79 | 1,974 | 2,661 | 4,635 |
| 80+ | 880 | 1,836 | 2,715 |
| Total | 29,532 | 31,091 | 60,624 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1244 per 100,000 population) was about 15.9 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 9% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 133 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 79 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 17% of all lower respiratory infection deaths and 13% of all tuberculosis deaths.

- The death rate due to tobacco in men was (330 per 100,000 men aged 30 years and over) compared with women (70 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 5% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 37.8% of those whose death was due to a lower respiratory infection, 61.3% of deaths due to the category of 'all cardiovascular diseases combined', and 89.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 136 | 479 | 1,113 | 2,728 | 10,116 | 1,416 |
| Death rate attributable to tobacco | 24 | 157 | 273 | 423 | 618 | 193 |
| Proportion of deaths attributable to tobacco (%) | 18 | 33 | 25 | 16 | 6 | 14 |
| Death rate: Communicable diseases | 8 | 13 | 30 | 108 | 746 | 78 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 9 | 66 | 7 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 9 | 9 | 9 | 9 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 6 | 20 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 37 | 32 | 18 | 12 | 10 | 13 |
| Death rate: Lower respiratory infections | 1 | 3 | 10 | 45 | 424 | 39 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 64 | 6 |
| Proportion of deaths attributable to tobacco (%) | 42 | 38 | 24 | 19 | 15 | 17 |
| Death rate: Noncommunicable diseases | 83 | 410 | 1,021 | 2,496 | 8,865 | 1,244 |
| Death rate attributable to tobacco | 24 | 155 | 271 | 414 | 552 | 186 |
| Proportion of deaths attributable to tobacco (%) | 29 | 38 | 27 | 17 | 6 | 15 |
| Death rate: All malignant neoplasms | 37 | 238 | 571 | 1,058 | 1,888 | 434 |
| Death rate attributable to tobacco | 11 | 104 | 192 | 264 | 264 | 115 |
| Proportion of deaths attributable to tobacco (%) | 29 | 44 | 34 | 25 | 14 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 7 | 65 | 134 | 196 | 183 | 79 |
| Death rate attributable to tobacco | 6 | 59 | 117 | 165 | 142 | 68 |
| Proportion of deaths attributable to tobacco (%) | 78 | 89 | 87 | 85 | 78 | 85 |
| Death rate: All other malignant neoplasms | 30 | 173 | 437 | 862 | 1,705 | 354 |
| Death rate attributable to tobacco | 5 | 45 | 75 | 98 | 121 | 48 |
| Proportion of deaths attributable to tobacco (%) | 17 | 26 | 17 | 11 | 7 | 13 |
| Death rate: All Cardiovascular diseases | 17 | 74 | 227 | 797 | 4,094 | 453 |
| Death rate attributable to tobacco | 12 | 45 | 60 | 94 | 114 | 47 |
| Proportion of deaths attributable to tobacco (%) | 72 | 61 | 27 | 12 | 3 | 10 |
| Death rate: Ischaemic heart disease | 6 | 30 | 90 | 275 | 1,054 | 133 |
| Death rate attributable to tobacco | 4 | 18 | 23 | 31 | 30 | 16 |
| Proportion of deaths attributable to tobacco (%) | 76 | 60 | 26 | 11 | 3 | 12 |
| Death rate: Cerebrovascular disease | 4 | 14 | 46 | 192 | 949 | 104 |
| Death rate attributable to tobacco | 2 | 8 | 11 | 20 | 5 | 8 |
| Proportion of deaths attributable to tobacco (%) | 64 | 58 | 24 | 10 | 1 | 8 |
| Death rate: Other cardiovascular diseases | 7 | 30 | 91 | 330 | 2,091 | 215 |
| Death rate attributable to tobacco | 5 | 19 | 26 | 43 | 79 | 23 |
| Proportion of deaths attributable to tobacco (%) | 72 | 64 | 29 | 13 | 4 | 11 |
| Death rate: Respiratory diseases | 2 | 9 | 32 | 119 | 442 | 54 |
| Death rate attributable to tobacco | 1 | 5 | 15 | 49 | 158 | 21 |
| Proportion of deaths attributable to tobacco (%) | 50 | 54 | 46 | 41 | 36 | 39 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 14 | 49 | 176 | 22 |
| Death rate attributable to tobacco | 0 | 3 | 11 | 35 | 117 | 15 |
| Proportion of deaths attributable to tobacco (%) | 88 | 86 | 76 | 72 | 66 | 70 |
| Death rate: Other respiratory diseases | 1 | 6 | 19 | 70 | 266 | 33 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 13 | 41 | 6 |
| Proportion of deaths attributable to tobacco (%) | 42 | 37 | 23 | 19 | 15 | 19 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 185 | 671 | 1,594 | 3,848 | 11,882 | 1,524 | 87 | 291 | 669 | 1,897 | 9,269 | 1,318 |
| Death rate attributable to tobacco | 39 | 271 | 513 | 839 | 1,215 | 330 | 10 | 45 | 53 | 114 | 332 | 70 |
| Proportion of deaths attributable to tobacco (%) | 21 | 40 | 32 | 22 | 10 | 22 | 11 | 15 | 8 | 6 | 4 | 5 |
| <u>Death rate: Communicable diseases</u> | 12 | 19 | 42 | 148 | 835 | 74 | 5 | 8 | 19 | 79 | 704 | 82 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 17 | 114 | 9 | 0 | 0 | 1 | 3 | 42 | 5 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 12 | 12 | 14 | 13 | 5 | 6 | 3 | 4 | 6 | 6 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 2 | 7 | 27 | 3 | 0 | 0 | 1 | 5 | 17 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 34 | 22 | 18 | 16 | 20 | 20 | 14 | 6 | 6 | 6 | 6 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 5 | 16 | 65 | 493 | 36 | 1 | 2 | 5 | 31 | 391 | 42 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 16 | 110 | 9 | 0 | 0 | 1 | 3 | 41 | 5 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 29 | 24 | 22 | 24 | 33 | 24 | 11 | 10 | 11 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 103 | 571 | 1,463 | 3,523 | 10,462 | 1,337 | 62 | 252 | 613 | 1,735 | 8,100 | 1,161 |
| Death rate attributable to tobacco | 38 | 269 | 508 | 822 | 1,101 | 320 | 10 | 45 | 52 | 110 | 289 | 66 |
| Proportion of deaths attributable to tobacco (%) | 37 | 47 | 35 | 23 | 11 | 24 | 16 | 18 | 9 | 6 | 4 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 39 | 317 | 805 | 1,558 | 2,866 | 546 | 36 | 162 | 356 | 686 | 1,420 | 333 |
| Death rate attributable to tobacco | 17 | 183 | 368 | 552 | 661 | 213 | 5 | 27 | 31 | 50 | 73 | 28 |
| Proportion of deaths attributable to tobacco (%) | 43 | 58 | 46 | 35 | 23 | 39 | 14 | 17 | 9 | 7 | 5 | 8 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 10 | 106 | 238 | 374 | 405 | 134 | 5 | 26 | 39 | 63 | 77 | 31 |
| Death rate attributable to tobacco | 8 | 99 | 220 | 343 | 363 | 123 | 3 | 19 | 23 | 33 | 36 | 18 |
| Proportion of deaths attributable to tobacco (%) | 83 | 93 | 93 | 92 | 90 | 92 | 66 | 74 | 58 | 53 | 47 | 59 |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 211 | 567 | 1,184 | 2,460 | 412 | 31 | 136 | 317 | 623 | 1,343 | 303 |
| Death rate attributable to tobacco | 8 | 84 | 147 | 208 | 298 | 90 | 2 | 8 | 8 | 17 | 37 | 10 |
| Proportion of deaths attributable to tobacco (%) | 30 | 40 | 26 | 18 | 12 | 22 | 6 | 6 | 3 | 3 | 3 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 24 | 116 | 349 | 1,122 | 4,440 | 438 | 9 | 33 | 115 | 557 | 3,928 | 466 |
| Death rate attributable to tobacco | 20 | 76 | 107 | 165 | 85 | 70 | 4 | 16 | 17 | 42 | 128 | 26 |
| Proportion of deaths attributable to tobacco (%) | 81 | 66 | 31 | 15 | 2 | 16 | 46 | 47 | 15 | 7 | 3 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 10 | 52 | 149 | 436 | 1,311 | 154 | 1 | 8 | 35 | 156 | 930 | 114 |
| Death rate attributable to tobacco | 8 | 33 | 43 | 59 | 22 | 28 | 0 | 3 | 5 | 10 | 34 | 6 |
| Proportion of deaths attributable to tobacco (%) | 82 | 63 | 29 | 14 | 2 | 18 | 34 | 42 | 13 | 6 | 4 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 19 | 65 | 239 | 924 | 88 | 3 | 10 | 29 | 157 | 962 | 118 |
| Death rate attributable to tobacco | 3 | 12 | 18 | 29 | 15 | 12 | 2 | 5 | 4 | 13 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 68 | 64 | 29 | 12 | 2 | 13 | 59 | 48 | 15 | 8 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 11 | 45 | 135 | 446 | 2,206 | 196 | 4 | 15 | 51 | 243 | 2,036 | 233 |
| Death rate attributable to tobacco | 9 | 31 | 46 | 76 | 47 | 31 | 2 | 7 | 8 | 19 | 94 | 15 |
| Proportion of deaths attributable to tobacco (%) | 85 | 69 | 34 | 17 | 2 | 16 | 40 | 48 | 16 | 8 | 5 | 6 |
| <u>Death rate: Respiratory diseases</u> | 2 | 13 | 50 | 187 | 670 | 65 | 1 | 5 | 16 | 69 | 333 | 44 |
| Death rate attributable to tobacco | 1 | 8 | 27 | 93 | 323 | 33 | 0 | 2 | 4 | 16 | 79 | 11 |
| Proportion of deaths attributable to tobacco (%) | 55 | 60 | 54 | 49 | 48 | 50 | 41 | 38 | 23 | 23 | 24 | 24 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 5 | 23 | 88 | 325 | 31 | 0 | 1 | 5 | 21 | 104 | 14 |
| Death rate attributable to tobacco | 0 | 4 | 19 | 68 | 246 | 24 | 0 | 1 | 3 | 11 | 55 | 7 |
| Proportion of deaths attributable to tobacco (%) | 91 | 89 | 82 | 78 | 76 | 78 | 82 | 74 | 53 | 52 | 53 | 53 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 8 | 26 | 99 | 345 | 35 | 1 | 4 | 12 | 48 | 229 | 30 |
| Death rate attributable to tobacco | 1 | 3 | 8 | 24 | 77 | 9 | 0 | 1 | 1 | 5 | 24 | 3 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 29 | 24 | 22 | 26 | 33 | 24 | 11 | 10 | 11 | 11 |

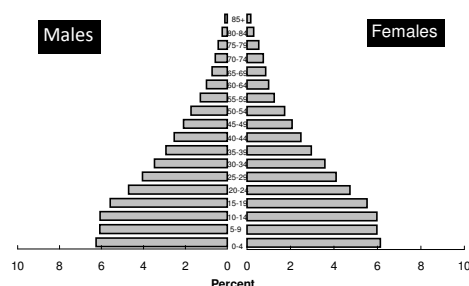
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Gabon

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 416 | 412 | 828 |
| 30-44 | 113 | 114 | 228 |
| 45-59 | 65 | 64 | 129 |
| 60-69 | 22 | 23 | 45 |
| 70-79 | 13 | 16 | 29 |
| 80+ | 5 | 6 | 11 |
| Total | 633 | 637 | 1,270 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1196 per 100,000 population) was about 1.5 times that for communicable diseases (797 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 174 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 19 deaths per 100,000 population but with 73% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (217 per 100,000 men aged 30 years and over) compared with women (5 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 926 | 1,427 | 3,063 | 7,146 | 17,823 | 2,112 |
| Death rate attributable to tobacco | - | 155 | 249 | 359 | 615 | 109 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 8 | 5 | 3 | 5 |
| Death rate: Communicable diseases | 696 | 561 | 648 | 1,426 | 4,655 | 797 |
| Death rate attributable to tobacco | - | 12 | 19 | 41 | 157 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 3 | 3 | 1 |
| Death rate: Tuberculosis | 72 | 57 | 64 | 60 | 35 | 65 |
| Death rate attributable to tobacco | - | 7 | 4 | 3 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 6 | 5 | 5 | 4 |
| Death rate: Lower respiratory infections | 3 | 41 | 215 | 768 | 2,867 | 156 |
| Death rate attributable to tobacco | - | 5 | 15 | 38 | 154 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 7 | 5 | 5 | 6 |
| Death rate: Noncommunicable diseases | 140 | 766 | 2,291 | 5,475 | 12,542 | 1,196 |
| Death rate attributable to tobacco | - | 143 | 230 | 318 | 459 | 97 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 10 | 6 | 4 | 8 |
| Death rate: All malignant neoplasms | 23 | 164 | 473 | 997 | 1,695 | 215 |
| Death rate attributable to tobacco | - | 38 | 79 | 116 | 181 | 31 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 17 | 12 | 11 | 15 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 24 | 48 | 63 | 84 | 19 |
| Death rate attributable to tobacco | - | 17 | 36 | 50 | 66 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 71 | 75 | 78 | 79 | 73 |
| Death rate: All other malignant neoplasms | 22 | 141 | 425 | 933 | 1,611 | 197 |
| Death rate attributable to tobacco | - | 21 | 43 | 67 | 114 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 10 | 7 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 47 | 309 | 1,004 | 2,686 | 7,001 | 565 |
| Death rate attributable to tobacco | - | 74 | 70 | 63 | 24 | 33 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 7 | 2 | 0 | 6 |
| Death rate: Ischaemic heart disease | 9 | 107 | 376 | 849 | 1,784 | 174 |
| Death rate attributable to tobacco | - | 29 | 29 | 24 | 6 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 8 | 3 | 0 | 8 |
| Death rate: Cerebrovascular disease | 19 | 114 | 367 | 984 | 2,439 | 205 |
| Death rate attributable to tobacco | - | 26 | 23 | 18 | 7 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 6 | 2 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 18 | 88 | 262 | 852 | 2,778 | 186 |
| Death rate attributable to tobacco | - | 19 | 18 | 21 | 11 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 7 | 2 | 0 | 5 |
| Death rate: Respiratory diseases | 18 | 88 | 276 | 602 | 1,202 | 132 |
| Death rate attributable to tobacco | - | 28 | 75 | 132 | 241 | 30 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 27 | 22 | 20 | 23 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 35 | 139 | 312 | 563 | 61 |
| Death rate attributable to tobacco | - | 21 | 64 | 115 | 206 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 59 | 46 | 37 | 37 | 42 |
| Death rate: Other respiratory diseases | 14 | 53 | 137 | 290 | 639 | 71 |
| Death rate attributable to tobacco | - | 7 | 11 | 16 | 36 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 8 | 6 | 6 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 920 | 1,694 | 3,650 | 8,183 | 19,583 | 2,246 | 931 | 1,157 | 2,518 | 6,330 | 16,519 | 1,983 |
| Death rate attributable to tobacco | - | 291 | 517 | 816 | 1,446 | 217 | - | 17 | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 14 | 10 | 7 | 10 | - | 1 | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 627 | 643 | 722 | 1,603 | 5,195 | 795 | 765 | 479 | 580 | 1,286 | 4,256 | 798 |
| Death rate attributable to tobacco | - | 23 | 40 | 94 | 368 | 24 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 6 | 7 | 3 | - | 0 | - | - | - | 0 |
| <i>Death rate: Tuberculosis</i> | 111 | 89 | 94 | 93 | 56 | 101 | 33 | 25 | 37 | 33 | 19 | 31 |
| Death rate attributable to tobacco | - | 13 | 8 | 6 | 4 | 5 | - | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 9 | 7 | 8 | 5 | - | 1 | - | - | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 46 | 253 | 907 | 3,292 | 163 | 4 | 36 | 180 | 659 | 2,552 | 149 |
| Death rate attributable to tobacco | - | 9 | 31 | 87 | 361 | 19 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 12 | 10 | 11 | 11 | - | 2 | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 156 | 906 | 2,770 | 6,268 | 13,802 | 1,290 | 123 | 624 | 1,846 | 4,851 | 11,608 | 1,106 |
| Death rate attributable to tobacco | - | 268 | 478 | 722 | 1,078 | 193 | - | 16 | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 17 | 12 | 8 | 15 | - | 3 | - | - | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 20 | 183 | 597 | 1,312 | 2,422 | 253 | 25 | 146 | 359 | 748 | 1,156 | 178 |
| Death rate attributable to tobacco | - | 74 | 165 | 264 | 424 | 63 | - | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 40 | 28 | 20 | 18 | 25 | - | 1 | - | - | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 40 | 93 | 144 | 198 | 34 | 0 | 8 | 7 | 0 | - | 3 |
| Death rate attributable to tobacco | - | 33 | 75 | 113 | 156 | 27 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 82 | 81 | 78 | 79 | 79 | - | 13 | - | - | - | 9 |
| <i>Death rate: All other malignant neoplasms</i> | 19 | 143 | 505 | 1,169 | 2,224 | 219 | 25 | 138 | 351 | 748 | 1,156 | 175 |
| Death rate attributable to tobacco | - | 41 | 90 | 151 | 268 | 36 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 18 | 13 | 12 | 16 | - | 1 | - | - | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 50 | 357 | 1,149 | 2,792 | 6,957 | 559 | 44 | 260 | 869 | 2,602 | 7,034 | 570 |
| Death rate attributable to tobacco | - | 136 | 146 | 142 | 56 | 65 | - | 11 | - | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 13 | 5 | 1 | 12 | - | 4 | - | - | - | 1 |
| <i>Death rate: Ischaemic heart disease</i> | 13 | 151 | 500 | 1,109 | 2,102 | 212 | 6 | 62 | 260 | 644 | 1,549 | 137 |
| Death rate attributable to tobacco | - | 55 | 61 | 55 | 15 | 26 | - | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 12 | 5 | 1 | 12 | - | 4 | - | - | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 19 | 127 | 395 | 931 | 2,196 | 189 | 19 | 102 | 340 | 1,026 | 2,619 | 221 |
| Death rate attributable to tobacco | - | 47 | 47 | 41 | 16 | 22 | - | 5 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 12 | 4 | 1 | 11 | - | 5 | - | - | - | 1 |
| <i>Death rate: Other cardiovascular diseases</i> | 18 | 80 | 253 | 752 | 2,659 | 159 | 19 | 95 | 270 | 931 | 2,866 | 212 |
| Death rate attributable to tobacco | - | 33 | 38 | 47 | 25 | 17 | - | 4 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 42 | 15 | 6 | 1 | 11 | - | 4 | - | - | - | 1 |
| <i>Death rate: Respiratory diseases</i> | 20 | 122 | 404 | 869 | 1,611 | 173 | 15 | 54 | 158 | 392 | 898 | 93 |
| Death rate attributable to tobacco | - | 53 | 156 | 299 | 567 | 61 | - | 3 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 39 | 34 | 35 | 35 | - | 5 | - | - | - | 1 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 5 | 53 | 221 | 489 | 843 | 87 | 2 | 17 | 63 | 173 | 355 | 35 |
| Death rate attributable to tobacco | - | 39 | 134 | 262 | 483 | 51 | - | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 73 | 61 | 54 | 57 | 58 | - | 13 | - | - | - | 2 |
| <i>Death rate: Other respiratory diseases</i> | 15 | 69 | 184 | 380 | 768 | 86 | 13 | 37 | 95 | 219 | 544 | 58 |
| Death rate attributable to tobacco | - | 14 | 23 | 37 | 84 | 10 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 12 | 10 | 11 | 12 | - | 2 | - | - | - | 0 |

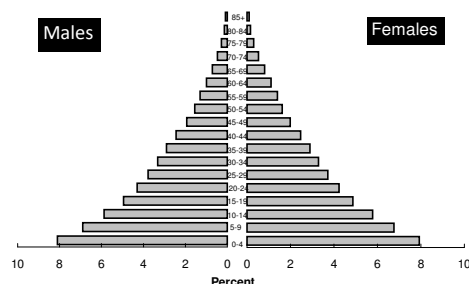
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Gambia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 533 | 523 | 1,056 |
| 30-44 | 136 | 136 | 272 |
| 45-59 | 75 | 79 | 154 |
| 60-69 | 27 | 30 | 57 |
| 70-79 | 12 | 13 | 25 |
| 80+ | 4 | 4 | 8 |
| Total | 786 | 785 | 1,571 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1147 per 100,000 population) was about 2.4 times that for communicable diseases (486 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 162 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 13 deaths per 100,000 population but with 65% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (129 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 571 | 1,327 | 3,281 | 7,716 | 19,960 | 1,734 |
| Death rate attributable to tobacco | - | 7 | 179 | 487 | 1,184 | 63 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 6 | 6 | 4 |
| Death rate: Communicable diseases | 269 | 436 | 817 | 1,503 | 3,376 | 486 |
| Death rate attributable to tobacco | - | 1 | 24 | 68 | 252 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 3 | 5 | 7 | 2 |
| Death rate: Tuberculosis | 62 | 63 | 78 | 109 | 94 | 67 |
| Death rate attributable to tobacco | - | 0 | 3 | 7 | 10 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 4 | 6 | 11 | 1 |
| Death rate: Lower respiratory infections | 19 | 127 | 372 | 779 | 2,032 | 157 |
| Death rate attributable to tobacco | - | 1 | 21 | 60 | 240 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 6 | 8 | 12 | 6 |
| Death rate: Noncommunicable diseases | 221 | 795 | 2,337 | 5,998 | 16,232 | 1,147 |
| Death rate attributable to tobacco | - | 6 | 155 | 419 | 932 | 53 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 7 | 7 | 6 | 5 |
| Death rate: All malignant neoplasms | 35 | 172 | 481 | 1,095 | 2,220 | 209 |
| Death rate attributable to tobacco | - | 1 | 49 | 141 | 346 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 10 | 13 | 16 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 5 | 36 | 99 | 182 | 13 |
| Death rate attributable to tobacco | - | 0 | 24 | 76 | 153 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 66 | 77 | 84 | 65 |
| Death rate: All other malignant neoplasms | 34 | 167 | 444 | 996 | 2,037 | 196 |
| Death rate attributable to tobacco | - | 1 | 25 | 65 | 193 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 6 | 7 | 9 | 5 |
| Death rate: All Cardiovascular diseases | 74 | 321 | 1,030 | 2,934 | 9,016 | 526 |
| Death rate attributable to tobacco | - | 3 | 46 | 95 | 72 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 1 | 2 |
| Death rate: Ischaemic heart disease | 14 | 109 | 378 | 933 | 2,336 | 162 |
| Death rate attributable to tobacco | - | 1 | 19 | 37 | 19 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 4 | 1 | 3 |
| Death rate: Cerebrovascular disease | 30 | 120 | 379 | 1,078 | 3,108 | 192 |
| Death rate attributable to tobacco | - | 1 | 15 | 27 | 20 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 1 | 2 |
| Death rate: Other cardiovascular diseases | 30 | 93 | 273 | 924 | 3,572 | 172 |
| Death rate attributable to tobacco | - | 1 | 12 | 31 | 32 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 1 | 2 |
| Death rate: Respiratory diseases | 29 | 90 | 274 | 662 | 1,587 | 128 |
| Death rate attributable to tobacco | - | 2 | 57 | 171 | 478 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 21 | 26 | 30 | 17 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 35 | 136 | 342 | 749 | 56 |
| Death rate attributable to tobacco | - | 2 | 50 | 147 | 380 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 37 | 43 | 51 | 33 |
| Death rate: Other respiratory diseases | 23 | 54 | 138 | 320 | 838 | 72 |
| Death rate attributable to tobacco | - | 0 | 7 | 24 | 97 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 5 | 8 | 12 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 626 | 1,575 | 3,842 | 8,506 | 22,619 | 1,935 | 515 | 1,089 | 2,781 | 7,008 | 17,533 | 1,539 |
| Death rate attributable to tobacco | - | 14 | 381 | 1,031 | 2,481 | 129 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 10 | 12 | 11 | 7 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 280 | 556 | 1,055 | 1,816 | 4,070 | 571 | 258 | 322 | 605 | 1,223 | 2,742 | 404 |
| Death rate attributable to tobacco | - | 2 | 51 | 143 | 528 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 5 | 8 | 13 | 4 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 92 | 97 | 112 | 157 | 141 | 99 | 33 | 31 | 47 | 66 | 51 | 36 |
| Death rate attributable to tobacco | - | 0 | 7 | 15 | 21 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 6 | 9 | 15 | 2 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 33 | 161 | 507 | 973 | 2,496 | 201 | 4 | 93 | 252 | 605 | 1,609 | 114 |
| Death rate attributable to tobacco | - | 1 | 44 | 128 | 503 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 9 | 13 | 20 | 9 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 224 | 872 | 2,613 | 6,396 | 18,137 | 1,217 | 218 | 720 | 2,090 | 5,643 | 14,493 | 1,078 |
| Death rate attributable to tobacco | - | 13 | 329 | 887 | 1,953 | 108 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 13 | 14 | 11 | 9 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 28 | 176 | 563 | 1,341 | 3,090 | 234 | 42 | 168 | 407 | 876 | 1,425 | 185 |
| Death rate attributable to tobacco | - | 3 | 104 | 298 | 725 | 36 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 18 | 22 | 23 | 16 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 0 | 8 | 68 | 192 | 363 | 24 | 1 | 3 | 8 | 16 | 18 | 3 |
| Death rate attributable to tobacco | - | 1 | 51 | 161 | 320 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 75 | 84 | 88 | 74 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 27 | 168 | 495 | 1,149 | 2,728 | 210 | 42 | 165 | 399 | 860 | 1,407 | 182 |
| Death rate attributable to tobacco | - | 2 | 53 | 137 | 405 | 19 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 11 | 12 | 15 | 9 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 70 | 344 | 1,084 | 2,841 | 9,243 | 521 | 77 | 300 | 982 | 3,018 | 8,809 | 531 |
| Death rate attributable to tobacco | - | 6 | 97 | 202 | 151 | 24 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 9 | 7 | 2 | 5 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 17 | 145 | 471 | 1,133 | 2,761 | 195 | 10 | 74 | 295 | 754 | 1,948 | 129 |
| Death rate attributable to tobacco | - | 2 | 40 | 78 | 40 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 9 | 7 | 1 | 5 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 27 | 121 | 372 | 945 | 2,909 | 176 | 33 | 118 | 386 | 1,197 | 3,290 | 208 |
| Death rate attributable to tobacco | - | 2 | 31 | 58 | 43 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 8 | 6 | 1 | 4 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 26 | 77 | 240 | 764 | 3,573 | 150 | 34 | 108 | 302 | 1,067 | 3,571 | 194 |
| Death rate attributable to tobacco | - | 1 | 25 | 66 | 68 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 11 | 9 | 2 | 5 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 29 | 118 | 381 | 890 | 2,100 | 163 | 28 | 63 | 179 | 458 | 1,118 | 94 |
| Death rate attributable to tobacco | - | 4 | 121 | 363 | 1,001 | 45 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 32 | 41 | 48 | 28 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 7 | 51 | 208 | 500 | 1,087 | 80 | 5 | 20 | 72 | 201 | 440 | 34 |
| Death rate attributable to tobacco | - | 4 | 106 | 311 | 797 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 51 | 62 | 73 | 48 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 22 | 66 | 173 | 390 | 1,013 | 83 | 23 | 43 | 107 | 257 | 679 | 61 |
| Death rate attributable to tobacco | - | 0 | 15 | 51 | 204 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 9 | 13 | 20 | 9 | - | - | - | - | - | - |

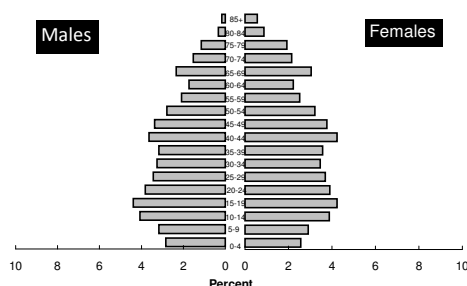
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Georgia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 981 | 957 | 1,938 |
| 30-44 | 455 | 509 | 963 |
| 45-59 | 372 | 429 | 801 |
| 60-69 | 184 | 238 | 422 |
| 70-79 | 121 | 184 | 304 |
| 80+ | 23 | 65 | 88 |
| Total | 2,136 | 2,381 | 4,517 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1343 per 100,000 population) was about 42.9 times that for communicable diseases (31 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 619 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 32 deaths per 100,000 population but with 69% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 13% of all lower respiratory infection deaths and 17% of all tuberculosis deaths.

- The death rate due to tobacco in men was (251 per 100,000 men aged 30 years and over) compared with women (12 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 1% for women.

- Among those who died prematurely, almost one in every 3 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.1% of those whose death was due to a lower respiratory infection, 28.6% of deaths due to the category of 'all cardiovascular diseases combined', and 69.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 178 | 511 | 1,812 | 4,265 | 11,103 | 1,403 |
| Death rate attributable to tobacco | 57 | 111 | 247 | 177 | 44 | 119 |
| Proportion of deaths attributable to tobacco (%) | 32 | 22 | 14 | 4 | 0 | 8 |
| Death rate: Communicable diseases | 25 | 28 | 33 | 44 | 72 | 31 |
| Death rate attributable to tobacco | 6 | 4 | 3 | 2 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | 26 | 13 | 10 | 5 | 1 | 14 |
| Death rate: Tuberculosis | 19 | 23 | 18 | 17 | 20 | 20 |
| Death rate attributable to tobacco | 5 | 3 | 2 | 1 | 0 | 3 |
| Proportion of deaths attributable to tobacco (%) | 28 | 13 | 12 | 6 | 2 | 17 |
| Death rate: Lower respiratory infections | 3 | 4 | 10 | 19 | 40 | 7 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 39 | 14 | 14 | 7 | 1 | 13 |
| Death rate: Noncommunicable diseases | 130 | 458 | 1,742 | 4,175 | 10,983 | 1,343 |
| Death rate attributable to tobacco | 51 | 107 | 243 | 175 | 43 | 114 |
| Proportion of deaths attributable to tobacco (%) | 39 | 23 | 14 | 4 | 0 | 9 |
| Death rate: All malignant neoplasms | 28 | 114 | 300 | 401 | 367 | 155 |
| Death rate attributable to tobacco | 5 | 26 | 79 | 73 | 28 | 33 |
| Proportion of deaths attributable to tobacco (%) | 19 | 23 | 26 | 18 | 8 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 23 | 72 | 81 | 43 | 32 |
| Death rate attributable to tobacco | 3 | 16 | 55 | 52 | 20 | 22 |
| Proportion of deaths attributable to tobacco (%) | 65 | 70 | 76 | 64 | 46 | 69 |
| Death rate: All other malignant neoplasms | 24 | 92 | 228 | 319 | 324 | 123 |
| Death rate attributable to tobacco | 2 | 10 | 24 | 21 | 8 | 11 |
| Proportion of deaths attributable to tobacco (%) | 10 | 11 | 11 | 6 | 2 | 9 |
| Death rate: All Cardiovascular diseases | 72 | 278 | 1,271 | 3,465 | 10,278 | 1,080 |
| Death rate attributable to tobacco | 44 | 80 | 157 | 97 | 10 | 79 |
| Proportion of deaths attributable to tobacco (%) | 62 | 29 | 12 | 3 | 0 | 7 |
| Death rate: Ischaemic heart disease | 41 | 175 | 734 | 1,935 | 5,877 | 619 |
| Death rate attributable to tobacco | 26 | 51 | 91 | 57 | 6 | 48 |
| Proportion of deaths attributable to tobacco (%) | 64 | 29 | 12 | 3 | 0 | 8 |
| Death rate: Cerebrovascular disease | 19 | 82 | 457 | 1,286 | 3,249 | 369 |
| Death rate attributable to tobacco | 10 | 22 | 55 | 31 | 3 | 23 |
| Proportion of deaths attributable to tobacco (%) | 54 | 27 | 12 | 2 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 12 | 21 | 80 | 244 | 1,153 | 92 |
| Death rate attributable to tobacco | 8 | 7 | 11 | 8 | 1 | 8 |
| Proportion of deaths attributable to tobacco (%) | 65 | 31 | 14 | 3 | 0 | 8 |
| Death rate: Respiratory diseases | 2 | 4 | 21 | 40 | 98 | 14 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 3 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | 31 | 19 | 17 | 9 | 5 | 12 |
| Death rate: Chronic obstructive pulmonary disease | - | 0 | 2 | 3 | 17 | 1 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 50 | 58 | 39 | 20 | 38 |
| Death rate: Other respiratory diseases | 2 | 3 | 19 | 37 | 81 | 12 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 2 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 31 | 15 | 12 | 6 | 2 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 279 | 776 | 2,491 | 5,502 | 12,138 | 1,572 | 87 | 281 | 1,286 | 3,451 | 10,741 | 1,266 |
| Death rate attributable to tobacco | 113 | 234 | 504 | 447 | 171 | 251 | 7 | 4 | 47 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 41 | 30 | 20 | 8 | 1 | 16 | 8 | 2 | 4 | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 45 | 51 | 59 | 71 | 99 | 53 | 8 | 8 | 13 | 26 | 62 | 14 |
| Death rate attributable to tobacco | 13 | 8 | 8 | 6 | 4 | 10 | 0 | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 30 | 15 | 13 | 8 | 4 | 18 | 5 | 1 | 2 | - | - | 1 |
| <u>Death rate: Tuberculosis</u> | 35 | 45 | 35 | 31 | 48 | 38 | 6 | 5 | 4 | 7 | 11 | 6 |
| Death rate attributable to tobacco | 11 | 7 | 5 | 2 | 2 | 8 | 0 | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 32 | 15 | 13 | 8 | 4 | 20 | 6 | 1 | 2 | - | - | 3 |
| <u>Death rate: Lower respiratory infections</u> | 5 | 5 | 16 | 29 | 34 | 10 | 0 | 2 | 5 | 12 | 42 | 5 |
| Death rate attributable to tobacco | 2 | 1 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 41 | 20 | 18 | 11 | 6 | 20 | 12 | 1 | 3 | - | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 194 | 682 | 2,367 | 5,365 | 11,979 | 1,471 | 73 | 264 | 1,257 | 3,392 | 10,634 | 1,238 |
| Death rate attributable to tobacco | 100 | 226 | 497 | 441 | 167 | 241 | 7 | 4 | 47 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 52 | 33 | 21 | 8 | 1 | 16 | 9 | 2 | 4 | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 126 | 393 | 558 | 567 | 183 | 32 | 105 | 228 | 297 | 297 | 133 |
| Death rate attributable to tobacco | 10 | 55 | 171 | 183 | 107 | 70 | 2 | 1 | 8 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 40 | 44 | 43 | 33 | 19 | 39 | 5 | 1 | 3 | - | - | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 7 | 41 | 135 | 162 | 119 | 57 | 2 | 7 | 23 | 28 | 16 | 11 |
| Death rate attributable to tobacco | 5 | 33 | 118 | 131 | 76 | 47 | 1 | 1 | 6 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 76 | 82 | 87 | 81 | 64 | 83 | 35 | 8 | 27 | - | - | 13 |
| <u>Death rate: All other malignant neoplasms</u> | 17 | 85 | 258 | 396 | 448 | 126 | 30 | 97 | 205 | 269 | 281 | 121 |
| Death rate attributable to tobacco | 4 | 22 | 53 | 52 | 31 | 23 | 1 | 0 | 2 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 25 | 26 | 21 | 13 | 7 | 19 | 2 | 0 | 1 | - | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 119 | 446 | 1,742 | 4,377 | 10,928 | 1,142 | 30 | 133 | 907 | 2,866 | 10,051 | 1,030 |
| Death rate attributable to tobacco | 88 | 167 | 311 | 244 | 40 | 165 | 5 | 3 | 38 | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 74 | 38 | 18 | 6 | 0 | 14 | 17 | 2 | 4 | - | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 69 | 293 | 1,040 | 2,542 | 6,303 | 678 | 16 | 73 | 498 | 1,536 | 5,728 | 570 |
| Death rate attributable to tobacco | 54 | 108 | 184 | 145 | 22 | 101 | 2 | 2 | 19 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 77 | 37 | 18 | 6 | 0 | 15 | 12 | 2 | 4 | - | - | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 31 | 120 | 601 | 1,543 | 3,366 | 374 | 8 | 48 | 345 | 1,117 | 3,208 | 365 |
| Death rate attributable to tobacco | 19 | 45 | 105 | 78 | 12 | 47 | 2 | 1 | 16 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 62 | 38 | 18 | 5 | 0 | 13 | 28 | 3 | 5 | - | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 33 | 102 | 291 | 1,258 | 89 | 6 | 12 | 64 | 213 | 1,116 | 95 |
| Death rate attributable to tobacco | 15 | 14 | 22 | 21 | 6 | 16 | 1 | 0 | 3 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 82 | 43 | 21 | 7 | 0 | 18 | 15 | 3 | 5 | - | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 3 | 6 | 30 | 58 | 122 | 16 | 1 | 2 | 14 | 29 | 89 | 11 |
| Death rate attributable to tobacco | 1 | 1 | 8 | 9 | 18 | 3 | 0 | 0 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 41 | 25 | 25 | 15 | 15 | 21 | 12 | 2 | 5 | - | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 1 | 4 | 5 | 34 | 2 | - | 0 | 1 | 2 | 11 | 1 |
| Death rate attributable to tobacco | - | 0 | 3 | 3 | 13 | 1 | - | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 74 | 71 | 57 | 40 | 57 | - | 8 | 23 | - | - | 5 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 5 | 26 | 53 | 88 | 14 | 1 | 2 | 13 | 27 | 78 | 10 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 6 | 5 | 2 | 0 | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 41 | 20 | 18 | 11 | 6 | 16 | 12 | 1 | 3 | - | - | 1 |

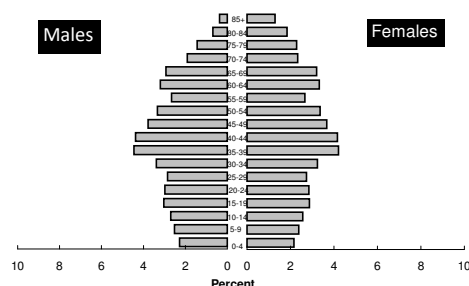
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Germany

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 13,504 | 12,865 | 26,369 |
| 30-44 | 10,088 | 9,596 | 19,684 |
| 45-59 | 8,069 | 8,008 | 16,077 |
| 60-69 | 5,059 | 5,394 | 10,453 |
| 70-79 | 2,771 | 3,813 | 6,583 |
| 80+ | 871 | 2,590 | 3,462 |
| Total | 40,362 | 42,266 | 82,628 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1337 per 100,000 population) was about 22.9 times that for communicable diseases (58 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 12% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 301 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 73 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 20% of all lower respiratory infection deaths and 16% of all tuberculosis deaths.

- The death rate due to tobacco in men was (301 per 100,000 men aged 30 years and over) compared with women (137 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 9% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 27.4% of those whose death was due to a lower respiratory infection, 49.1% of deaths due to the category of 'all cardiovascular diseases combined', and 83.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 107 | 428 | 1,220 | 3,228 | 11,116 | 1,448 |
| Death rate attributable to tobacco | 17 | 121 | 299 | 568 | 856 | 215 |
| Proportion of deaths attributable to tobacco (%) | 16 | 28 | 25 | 18 | 8 | 15 |
| Death rate: Communicable diseases | 4 | 11 | 33 | 118 | 549 | 58 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 14 | 73 | 7 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 11 | 12 | 13 | 12 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 2 | 4 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 19 | 19 | 17 | 15 | 13 | 16 |
| Death rate: Lower respiratory infections | 1 | 4 | 15 | 65 | 395 | 36 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 14 | 72 | 7 |
| Proportion of deaths attributable to tobacco (%) | 25 | 27 | 23 | 21 | 18 | 20 |
| Death rate: Noncommunicable diseases | 75 | 382 | 1,144 | 3,034 | 10,315 | 1,337 |
| Death rate attributable to tobacco | 17 | 120 | 296 | 553 | 783 | 208 |
| Proportion of deaths attributable to tobacco (%) | 23 | 31 | 26 | 18 | 8 | 16 |
| Death rate: All malignant neoplasms | 28 | 178 | 525 | 1,022 | 1,687 | 382 |
| Death rate attributable to tobacco | 5 | 60 | 162 | 259 | 238 | 94 |
| Proportion of deaths attributable to tobacco (%) | 18 | 34 | 31 | 25 | 14 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 43 | 127 | 210 | 178 | 73 |
| Death rate attributable to tobacco | 2 | 36 | 110 | 179 | 137 | 61 |
| Proportion of deaths attributable to tobacco (%) | 57 | 84 | 87 | 86 | 77 | 84 |
| Death rate: All other malignant neoplasms | 24 | 135 | 398 | 813 | 1,510 | 309 |
| Death rate attributable to tobacco | 3 | 24 | 53 | 80 | 102 | 33 |
| Proportion of deaths attributable to tobacco (%) | 11 | 18 | 13 | 10 | 7 | 11 |
| Death rate: All Cardiovascular diseases | 21 | 105 | 389 | 1,386 | 6,607 | 678 |
| Death rate attributable to tobacco | 12 | 52 | 99 | 184 | 288 | 76 |
| Proportion of deaths attributable to tobacco (%) | 55 | 49 | 25 | 13 | 4 | 11 |
| Death rate: Ischaemic heart disease | 8 | 53 | 207 | 687 | 2,666 | 301 |
| Death rate attributable to tobacco | 5 | 25 | 50 | 85 | 123 | 36 |
| Proportion of deaths attributable to tobacco (%) | 58 | 47 | 24 | 12 | 5 | 12 |
| Death rate: Cerebrovascular disease | 4 | 16 | 61 | 271 | 1,324 | 130 |
| Death rate attributable to tobacco | 2 | 8 | 15 | 35 | 5 | 10 |
| Proportion of deaths attributable to tobacco (%) | 43 | 49 | 24 | 13 | 0 | 8 |
| Death rate: Other cardiovascular diseases | 9 | 36 | 121 | 429 | 2,617 | 247 |
| Death rate attributable to tobacco | 5 | 19 | 34 | 64 | 159 | 31 |
| Proportion of deaths attributable to tobacco (%) | 58 | 53 | 28 | 15 | 6 | 13 |
| Death rate: Respiratory diseases | 1 | 11 | 51 | 168 | 432 | 59 |
| Death rate attributable to tobacco | 1 | 7 | 31 | 100 | 227 | 33 |
| Proportion of deaths attributable to tobacco (%) | 40 | 60 | 60 | 59 | 52 | 56 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 7 | 36 | 121 | 286 | 41 |
| Death rate attributable to tobacco | 0 | 6 | 27 | 90 | 200 | 30 |
| Proportion of deaths attributable to tobacco (%) | 75 | 79 | 75 | 74 | 70 | 73 |
| Death rate: Other respiratory diseases | 1 | 4 | 14 | 46 | 146 | 19 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 10 | 27 | 4 |
| Proportion of deaths attributable to tobacco (%) | 24 | 27 | 22 | 21 | 19 | 21 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 142 | 562 | 1,668 | 4,260 | 12,664 | 1,387 | 69 | 293 | 799 | 2,478 | 10,596 | 1,504 |
| Death rate attributable to tobacco | 29 | 181 | 492 | 968 | 1,336 | 301 | 6 | 60 | 119 | 277 | 695 | 137 |
| Proportion of deaths attributable to tobacco (%) | 20 | 32 | 29 | 23 | 11 | 22 | 8 | 20 | 15 | 11 | 7 | 9 |
| <u>Death rate: Communicable diseases</u> | 6 | 15 | 45 | 155 | 671 | 53 | 3 | 7 | 22 | 91 | 508 | 64 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 24 | 114 | 8 | 0 | 1 | 2 | 8 | 59 | 7 |
| Proportion of deaths attributable to tobacco (%) | 6 | 11 | 13 | 15 | 17 | 15 | 3 | 9 | 7 | 9 | 12 | 11 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 1 | 4 | 9 | 1 | 0 | 0 | 0 | 1 | 2 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 21 | 21 | 19 | 18 | 17 | 19 | 10 | 15 | 9 | 9 | 9 | 10 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 5 | 22 | 93 | 500 | 32 | 0 | 2 | 9 | 45 | 360 | 40 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 23 | 112 | 8 | 0 | 1 | 2 | 8 | 59 | 7 |
| Proportion of deaths attributable to tobacco (%) | 28 | 28 | 26 | 25 | 22 | 24 | 17 | 25 | 17 | 17 | 16 | 17 |
| <u>Death rate: Noncommunicable diseases</u> | 94 | 493 | 1,560 | 4,000 | 11,673 | 1,269 | 55 | 269 | 753 | 2,331 | 9,858 | 1,400 |
| Death rate attributable to tobacco | 28 | 180 | 486 | 944 | 1,222 | 293 | 6 | 59 | 117 | 269 | 635 | 130 |
| Proportion of deaths attributable to tobacco (%) | 30 | 36 | 31 | 24 | 10 | 23 | 10 | 22 | 16 | 12 | 6 | 9 |
| <u>Death rate: All malignant neoplasms</u> | 26 | 200 | 674 | 1,384 | 2,472 | 420 | 30 | 156 | 384 | 760 | 1,424 | 347 |
| Death rate attributable to tobacco | 7 | 91 | 280 | 500 | 606 | 154 | 2 | 29 | 52 | 85 | 115 | 39 |
| Proportion of deaths attributable to tobacco (%) | 28 | 45 | 42 | 36 | 25 | 37 | 7 | 19 | 14 | 11 | 8 | 11 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 59 | 203 | 377 | 408 | 110 | 3 | 28 | 55 | 88 | 100 | 39 |
| Death rate attributable to tobacco | 3 | 52 | 186 | 346 | 366 | 99 | 1 | 21 | 38 | 58 | 60 | 26 |
| Proportion of deaths attributable to tobacco (%) | 64 | 88 | 91 | 92 | 90 | 90 | 46 | 75 | 70 | 66 | 60 | 67 |
| <u>Death rate: All other malignant neoplasms</u> | 21 | 141 | 471 | 1,007 | 2,063 | 310 | 27 | 128 | 329 | 672 | 1,323 | 308 |
| Death rate attributable to tobacco | 4 | 39 | 94 | 154 | 240 | 55 | 1 | 8 | 14 | 27 | 55 | 13 |
| Proportion of deaths attributable to tobacco (%) | 20 | 28 | 20 | 15 | 12 | 18 | 3 | 6 | 4 | 4 | 4 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 30 | 158 | 569 | 1,804 | 6,798 | 573 | 11 | 52 | 220 | 1,083 | 6,543 | 775 |
| Death rate attributable to tobacco | 20 | 78 | 152 | 260 | 126 | 91 | 3 | 25 | 49 | 128 | 342 | 64 |
| Proportion of deaths attributable to tobacco (%) | 66 | 50 | 27 | 14 | 2 | 16 | 26 | 48 | 22 | 12 | 5 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 14 | 87 | 320 | 978 | 3,050 | 291 | 3 | 19 | 101 | 475 | 2,537 | 310 |
| Death rate attributable to tobacco | 9 | 41 | 81 | 134 | 51 | 47 | 0 | 8 | 20 | 48 | 147 | 25 |
| Proportion of deaths attributable to tobacco (%) | 66 | 47 | 25 | 14 | 2 | 16 | 18 | 44 | 20 | 10 | 6 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 19 | 81 | 319 | 1,254 | 96 | 3 | 12 | 43 | 236 | 1,348 | 162 |
| Death rate attributable to tobacco | 2 | 9 | 20 | 39 | 21 | 12 | 1 | 6 | 10 | 33 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 48 | 48 | 25 | 12 | 2 | 13 | 38 | 50 | 23 | 14 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 13 | 52 | 167 | 508 | 2,494 | 185 | 5 | 21 | 77 | 371 | 2,658 | 304 |
| Death rate attributable to tobacco | 9 | 28 | 51 | 87 | 54 | 32 | 1 | 10 | 19 | 47 | 195 | 30 |
| Proportion of deaths attributable to tobacco (%) | 71 | 54 | 30 | 17 | 2 | 17 | 22 | 50 | 25 | 13 | 7 | 10 |
| <u>Death rate: Respiratory diseases</u> | 2 | 14 | 73 | 261 | 746 | 70 | 1 | 8 | 30 | 100 | 327 | 50 |
| Death rate attributable to tobacco | 1 | 9 | 48 | 169 | 449 | 44 | 0 | 5 | 14 | 50 | 152 | 24 |
| Proportion of deaths attributable to tobacco (%) | 43 | 62 | 66 | 65 | 60 | 63 | 34 | 56 | 49 | 50 | 47 | 48 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 9 | 54 | 195 | 528 | 50 | 0 | 5 | 20 | 68 | 205 | 32 |
| Death rate attributable to tobacco | 0 | 7 | 43 | 152 | 400 | 39 | 0 | 4 | 13 | 44 | 132 | 21 |
| Proportion of deaths attributable to tobacco (%) | 81 | 81 | 79 | 78 | 76 | 78 | 66 | 76 | 65 | 66 | 65 | 65 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 5 | 19 | 66 | 218 | 19 | 1 | 3 | 10 | 32 | 122 | 18 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 16 | 49 | 5 | 0 | 1 | 2 | 5 | 20 | 3 |
| Proportion of deaths attributable to tobacco (%) | 28 | 28 | 26 | 25 | 22 | 24 | 17 | 25 | 17 | 17 | 16 | 17 |

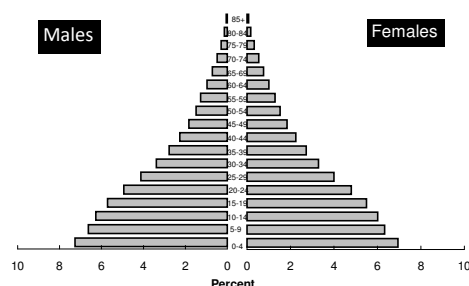
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Ghana

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 7,706 | 7,408 | 15,114 |
| 30-44 | 1,860 | 1,820 | 3,681 |
| 45-59 | 1,016 | 1,026 | 2,042 |
| 60-69 | 371 | 389 | 760 |
| 70-79 | 172 | 191 | 363 |
| 80+ | 43 | 54 | 97 |
| Total | 11,168 | 10,889 | 22,057 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (974 per 100,000 population) was about 1.3 times that for communicable diseases (743 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 158 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 40% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (56 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 719 | 1,479 | 3,309 | 7,601 | 17,659 | 1,822 |
| Death rate attributable to tobacco | - | 36 | 86 | 104 | 175 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 1 | 1 | 2 |
| Death rate: Communicable diseases | 464 | 659 | 1,028 | 2,131 | 5,664 | 743 |
| Death rate attributable to tobacco | - | 3 | 5 | 6 | 22 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 0 | 0 | 0 | 0 |
| Death rate: Tuberculosis | 69 | 73 | 98 | 123 | 98 | 76 |
| Death rate attributable to tobacco | - | 2 | 2 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 1 | 1 |
| Death rate: Lower respiratory infections | 11 | 50 | 109 | 303 | 1,117 | 64 |
| Death rate attributable to tobacco | - | 2 | 3 | 5 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 2 | 2 |
| Death rate: Noncommunicable diseases | 172 | 713 | 2,179 | 5,207 | 11,656 | 974 |
| Death rate attributable to tobacco | - | 33 | 82 | 98 | 153 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 1 | 3 |
| Death rate: All malignant neoplasms | 31 | 170 | 462 | 937 | 1,510 | 187 |
| Death rate attributable to tobacco | - | 8 | 23 | 25 | 33 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 3 | 2 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 23 | 36 | 44 | 8 |
| Death rate attributable to tobacco | - | 3 | 12 | 13 | 16 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 50 | 37 | 36 | 40 |
| Death rate: All other malignant neoplasms | 30 | 162 | 439 | 901 | 1,466 | 179 |
| Death rate attributable to tobacco | - | 5 | 11 | 11 | 17 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 1 | 2 |
| Death rate: All Cardiovascular diseases | 60 | 295 | 1,033 | 2,750 | 7,008 | 473 |
| Death rate attributable to tobacco | - | 16 | 24 | 17 | 5 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 10 | 105 | 416 | 979 | 1,807 | 158 |
| Death rate attributable to tobacco | - | 6 | 10 | 7 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 19 | 107 | 378 | 989 | 2,257 | 166 |
| Death rate attributable to tobacco | - | 5 | 7 | 5 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 0 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 31 | 83 | 240 | 781 | 2,944 | 149 |
| Death rate attributable to tobacco | - | 5 | 6 | 5 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 3 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 20 | 77 | 263 | 628 | 1,365 | 114 |
| Death rate attributable to tobacco | - | 8 | 34 | 56 | 113 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 13 | 9 | 8 | 9 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 29 | 126 | 343 | 735 | 52 |
| Death rate attributable to tobacco | - | 7 | 31 | 52 | 105 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 24 | 15 | 14 | 18 |
| Death rate: Other respiratory diseases | 16 | 48 | 138 | 286 | 629 | 62 |
| Death rate attributable to tobacco | - | 1 | 4 | 4 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 1 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 700 | 1,747 | 3,914 | 8,310 | 18,666 | 1,952 | 739 | 1,214 | 2,732 | 6,966 | 16,855 | 1,693 |
| Death rate attributable to tobacco | - | 72 | 177 | 220 | 393 | 56 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 3 | 2 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 400 | 834 | 1,258 | 2,510 | 6,537 | 800 | 529 | 486 | 808 | 1,791 | 4,967 | 686 |
| Death rate attributable to tobacco | - | 7 | 10 | 13 | 49 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 104 | 110 | 135 | 172 | 146 | 113 | 33 | 36 | 62 | 79 | 60 | 40 |
| Death rate attributable to tobacco | - | 3 | 4 | 3 | 3 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 2 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 11 | 73 | 133 | 373 | 1,663 | 81 | 10 | 27 | 86 | 239 | 682 | 47 |
| Death rate attributable to tobacco | - | 3 | 6 | 10 | 46 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 3 | 3 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 193 | 785 | 2,517 | 5,509 | 11,761 | 1,023 | 151 | 641 | 1,856 | 4,937 | 11,573 | 926 |
| Death rate attributable to tobacco | - | 66 | 167 | 207 | 344 | 52 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 7 | 4 | 3 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 28 | 179 | 582 | 1,145 | 1,954 | 211 | 33 | 161 | 347 | 751 | 1,155 | 162 |
| Death rate attributable to tobacco | - | 16 | 47 | 52 | 74 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 8 | 5 | 4 | 6 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 13 | 41 | 59 | 79 | 13 | 0 | 2 | 6 | 16 | 17 | 2 |
| Death rate attributable to tobacco | - | 6 | 24 | 28 | 36 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 46 | 58 | 48 | 46 | 48 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 27 | 166 | 541 | 1,085 | 1,876 | 198 | 33 | 159 | 341 | 735 | 1,138 | 160 |
| Death rate attributable to tobacco | - | 10 | 23 | 24 | 38 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 2 | 2 | 4 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 64 | 313 | 1,116 | 2,660 | 6,284 | 455 | 56 | 277 | 955 | 2,830 | 7,586 | 490 |
| Death rate attributable to tobacco | - | 32 | 49 | 35 | 12 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 1 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 13 | 133 | 509 | 1,118 | 1,749 | 178 | 7 | 77 | 327 | 854 | 1,853 | 139 |
| Death rate attributable to tobacco | - | 13 | 21 | 14 | 3 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 1 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 20 | 100 | 367 | 876 | 1,892 | 146 | 17 | 114 | 389 | 1,091 | 2,548 | 185 |
| Death rate attributable to tobacco | - | 10 | 15 | 10 | 3 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 1 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 31 | 80 | 240 | 666 | 2,643 | 131 | 31 | 86 | 239 | 885 | 3,185 | 166 |
| Death rate attributable to tobacco | - | 10 | 12 | 11 | 6 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 5 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 24 | 104 | 370 | 808 | 1,672 | 144 | 16 | 50 | 161 | 467 | 1,119 | 84 |
| Death rate attributable to tobacco | - | 17 | 70 | 117 | 255 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 19 | 15 | 15 | 15 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 42 | 192 | 482 | 994 | 72 | 1 | 16 | 62 | 217 | 529 | 33 |
| Death rate attributable to tobacco | - | 14 | 63 | 109 | 236 | 19 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 33 | 23 | 24 | 27 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 18 | 61 | 178 | 325 | 678 | 72 | 15 | 34 | 99 | 250 | 590 | 52 |
| Death rate attributable to tobacco | - | 3 | 8 | 8 | 19 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 3 | 3 | 3 | - | - | - | - | - | - |

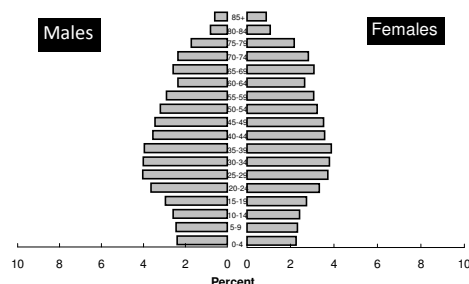
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Greece

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 1,999 | 1,858 | 3,856 |
| 30-44 | 1,275 | 1,245 | 2,520 |
| 45-59 | 1,057 | 1,088 | 2,145 |
| 60-69 | 547 | 635 | 1,182 |
| 70-79 | 450 | 553 | 1,004 |
| 80+ | 155 | 216 | 371 |
| Total | 5,483 | 5,596 | 11,079 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1322 per 100,000 population) was about 21.5 times that for communicable diseases (61 per 100,000). Tobacco was responsible for 17% of all NCDs compared with 19% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 231 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 88 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 23% of all lower respiratory infection deaths and 19% of all tuberculosis deaths.

- The death rate due to tobacco in men was (387 per 100,000 men aged 30 years and over) compared with women (98 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 7% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 26.1% of those whose death was due to a lower respiratory infection, 50.4% of deaths due to the category of 'all cardiovascular diseases combined', and 85.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 103 | 371 | 1,084 | 3,198 | 12,807 | 1,426 |
| Death rate attributable to tobacco | 19 | 129 | 296 | 595 | 1,201 | 238 |
| Proportion of deaths attributable to tobacco (%) | 18 | 35 | 27 | 19 | 9 | 17 |
| Death rate: Communicable diseases | 3 | 7 | 33 | 128 | 684 | 61 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 24 | 140 | 12 |
| Proportion of deaths attributable to tobacco (%) | 9 | 19 | 18 | 19 | 21 | 19 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 3 | 9 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 23 | 21 | 19 | 19 | 18 | 19 |
| Death rate: Lower respiratory infections | 1 | 1 | 5 | 21 | 131 | 11 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 5 | 31 | 3 |
| Proportion of deaths attributable to tobacco (%) | 19 | 26 | 22 | 23 | 24 | 23 |
| Death rate: Noncommunicable diseases | 64 | 332 | 1,012 | 3,008 | 12,021 | 1,322 |
| Death rate attributable to tobacco | 18 | 128 | 290 | 571 | 1,060 | 226 |
| Proportion of deaths attributable to tobacco (%) | 29 | 39 | 29 | 19 | 9 | 17 |
| Death rate: All malignant neoplasms | 25 | 160 | 466 | 1,010 | 2,013 | 376 |
| Death rate attributable to tobacco | 3 | 57 | 165 | 304 | 447 | 110 |
| Proportion of deaths attributable to tobacco (%) | 14 | 35 | 35 | 30 | 22 | 29 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 49 | 139 | 246 | 299 | 88 |
| Death rate attributable to tobacco | 2 | 42 | 122 | 216 | 258 | 76 |
| Proportion of deaths attributable to tobacco (%) | 53 | 86 | 88 | 88 | 86 | 87 |
| Death rate: All other malignant neoplasms | 22 | 111 | 327 | 764 | 1,714 | 288 |
| Death rate attributable to tobacco | 2 | 15 | 43 | 88 | 189 | 34 |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 13 | 12 | 11 | 12 |
| Death rate: All Cardiovascular diseases | 28 | 133 | 431 | 1,623 | 8,445 | 779 |
| Death rate attributable to tobacco | 15 | 67 | 110 | 215 | 339 | 90 |
| Proportion of deaths attributable to tobacco (%) | 53 | 50 | 26 | 13 | 4 | 12 |
| Death rate: Ischaemic heart disease | 17 | 86 | 216 | 586 | 1,618 | 231 |
| Death rate attributable to tobacco | 10 | 44 | 55 | 75 | 77 | 40 |
| Proportion of deaths attributable to tobacco (%) | 60 | 51 | 26 | 13 | 5 | 17 |
| Death rate: Cerebrovascular disease | 5 | 24 | 110 | 563 | 3,194 | 269 |
| Death rate attributable to tobacco | 2 | 11 | 26 | 69 | 27 | 19 |
| Proportion of deaths attributable to tobacco (%) | 34 | 46 | 23 | 12 | 1 | 7 |
| Death rate: Other cardiovascular diseases | 6 | 23 | 105 | 474 | 3,632 | 279 |
| Death rate attributable to tobacco | 3 | 12 | 29 | 70 | 234 | 31 |
| Proportion of deaths attributable to tobacco (%) | 50 | 51 | 27 | 15 | 6 | 11 |
| Death rate: Respiratory diseases | 2 | 8 | 33 | 128 | 733 | 64 |
| Death rate attributable to tobacco | 0 | 4 | 13 | 48 | 262 | 23 |
| Proportion of deaths attributable to tobacco (%) | 22 | 44 | 38 | 38 | 36 | 37 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 11 | 40 | 179 | 17 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 29 | 137 | 13 |
| Proportion of deaths attributable to tobacco (%) | 52 | 80 | 75 | 74 | 76 | 75 |
| Death rate: Other respiratory diseases | 2 | 6 | 23 | 88 | 553 | 47 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 19 | 126 | 10 |
| Proportion of deaths attributable to tobacco (%) | 18 | 29 | 21 | 21 | 23 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 145 | 525 | 1,554 | 4,024 | 12,793 | 1,546 | 60 | 222 | 679 | 2,526 | 12,817 | 1,314 |
| Death rate attributable to tobacco | 36 | 241 | 571 | 1,062 | 1,659 | 387 | 1 | 21 | 58 | 214 | 872 | 98 |
| Proportion of deaths attributable to tobacco (%) | 25 | 46 | 37 | 26 | 13 | 25 | 1 | 10 | 9 | 8 | 7 | 7 |
| <u>Death rate: Communicable diseases</u> | 4 | 10 | 46 | 164 | 748 | 66 | 2 | 5 | 21 | 99 | 638 | 57 |
| Death rate attributable to tobacco | 0 | 3 | 11 | 41 | 194 | 17 | 0 | 0 | 1 | 10 | 101 | 8 |
| Proportion of deaths attributable to tobacco (%) | 14 | 25 | 23 | 25 | 26 | 25 | 1 | 6 | 7 | 10 | 16 | 13 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 2 | 5 | 14 | 2 | - | 0 | 1 | 1 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 3 | 0 | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 23 | 29 | 24 | 22 | 22 | 23 | | 5 | 5 | 7 | 10 | 8 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 1 | 6 | 30 | 155 | 12 | 1 | 1 | 4 | 15 | 114 | 10 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 9 | 45 | 4 | 0 | 0 | 0 | 2 | 21 | 2 |
| Proportion of deaths attributable to tobacco (%) | 30 | 38 | 31 | 29 | 29 | 30 | 2 | 9 | 8 | 12 | 18 | 16 |
| <u>Death rate: Noncommunicable diseases</u> | 81 | 465 | 1,446 | 3,772 | 11,892 | 1,414 | 47 | 203 | 638 | 2,387 | 12,113 | 1,236 |
| Death rate attributable to tobacco | 36 | 238 | 560 | 1,021 | 1,464 | 370 | 1 | 21 | 57 | 205 | 770 | 91 |
| Proportion of deaths attributable to tobacco (%) | 44 | 51 | 39 | 27 | 12 | 26 | 2 | 10 | 9 | 9 | 6 | 7 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 201 | 663 | 1,428 | 2,684 | 478 | 26 | 120 | 297 | 670 | 1,532 | 282 |
| Death rate attributable to tobacco | 6 | 107 | 331 | 608 | 876 | 204 | 0 | 8 | 23 | 57 | 139 | 23 |
| Proportion of deaths attributable to tobacco (%) | 27 | 53 | 50 | 43 | 33 | 43 | 1 | 6 | 8 | 8 | 9 | 8 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 86 | 261 | 462 | 564 | 154 | 2 | 13 | 34 | 70 | 109 | 27 |
| Death rate attributable to tobacco | 3 | 78 | 244 | 431 | 522 | 142 | 0 | 6 | 18 | 40 | 69 | 15 |
| Proportion of deaths attributable to tobacco (%) | 67 | 92 | 93 | 93 | 93 | 93 | 9 | 48 | 51 | 57 | 63 | 55 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 115 | 403 | 966 | 2,120 | 324 | 25 | 107 | 263 | 600 | 1,422 | 255 |
| Death rate attributable to tobacco | 3 | 29 | 87 | 177 | 354 | 62 | 0 | 2 | 5 | 17 | 71 | 8 |
| Proportion of deaths attributable to tobacco (%) | 16 | 25 | 22 | 18 | 17 | 19 | 0 | 2 | 2 | 3 | 5 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 42 | 210 | 634 | 1,904 | 7,600 | 763 | 12 | 58 | 257 | 1,394 | 9,052 | 794 |
| Death rate attributable to tobacco | 28 | 124 | 203 | 326 | 203 | 131 | 1 | 12 | 30 | 124 | 436 | 52 |
| Proportion of deaths attributable to tobacco (%) | 67 | 59 | 32 | 17 | 3 | 17 | 4 | 21 | 12 | 9 | 5 | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 29 | 146 | 348 | 790 | 1,667 | 286 | 5 | 27 | 101 | 420 | 1,584 | 180 |
| Death rate attributable to tobacco | 20 | 84 | 107 | 131 | 39 | 68 | 0 | 5 | 11 | 30 | 105 | 14 |
| Proportion of deaths attributable to tobacco (%) | 68 | 58 | 31 | 17 | 2 | 24 | 3 | 19 | 10 | 7 | 7 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 6 | 33 | 146 | 598 | 2,712 | 233 | 4 | 17 | 80 | 534 | 3,541 | 303 |
| Death rate attributable to tobacco | 3 | 19 | 45 | 89 | 64 | 28 | 0 | 4 | 10 | 53 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 50 | 59 | 31 | 15 | 2 | 12 | 7 | 23 | 12 | 10 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 8 | 32 | 139 | 516 | 3,222 | 244 | 4 | 14 | 76 | 440 | 3,927 | 310 |
| Death rate attributable to tobacco | 6 | 20 | 51 | 106 | 99 | 34 | 0 | 3 | 10 | 41 | 331 | 28 |
| Proportion of deaths attributable to tobacco (%) | 74 | 64 | 37 | 21 | 3 | 14 | 3 | 23 | 13 | 9 | 8 | 9 |
| <u>Death rate: Respiratory diseases</u> | 2 | 12 | 45 | 166 | 802 | 69 | 2 | 4 | 23 | 96 | 683 | 60 |
| Death rate attributable to tobacco | 1 | 7 | 23 | 80 | 369 | 33 | 0 | 1 | 4 | 22 | 185 | 15 |
| Proportion of deaths attributable to tobacco (%) | 36 | 54 | 52 | 48 | 46 | 48 | 5 | 17 | 15 | 23 | 27 | 25 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 4 | 18 | 61 | 258 | 24 | 0 | 1 | 4 | 22 | 123 | 11 |
| Death rate attributable to tobacco | 0 | 4 | 15 | 50 | 211 | 19 | 0 | 0 | 2 | 13 | 83 | 7 |
| Proportion of deaths attributable to tobacco (%) | 82 | 87 | 83 | 82 | 82 | 82 | 19 | 48 | 46 | 57 | 68 | 62 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 8 | 27 | 104 | 544 | 45 | 2 | 4 | 19 | 74 | 560 | 48 |
| Death rate attributable to tobacco | 1 | 3 | 8 | 30 | 159 | 13 | 0 | 0 | 2 | 9 | 102 | 8 |
| Proportion of deaths attributable to tobacco (%) | 30 | 38 | 31 | 29 | 29 | 30 | 2 | 9 | 8 | 12 | 18 | 16 |

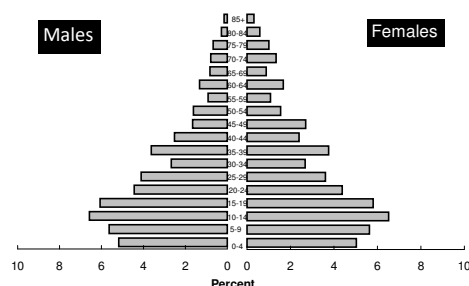
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Grenada

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 33 | 32 | 66 |
| 30-44 | 9 | 9 | 18 |
| 45-59 | 4 | 6 | 10 |
| 60-69 | 2 | 3 | 5 |
| 70-79 | 2 | 2 | 4 |
| 80+ | 0 | 1 | 1 |
| Total | 51 | 53 | 105 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1780 per 100,000 population) was about 6.5 times that for communicable diseases (274 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 242 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 26 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- The death rate due to tobacco in men was (219 per 100,000 men aged 30 years and over) compared with women (102 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 5% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 18.6% of those whose death was due to a lower respiratory infection, 30.9% of deaths due to the category of 'all cardiovascular diseases combined', and 72.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 383 | 1,121 | 2,921 | 6,579 | 16,381 | 2,115 |
| Death rate attributable to tobacco | 50 | 183 | 382 | 357 | - | 156 |
| Proportion of deaths attributable to tobacco (%) | 13 | 16 | 13 | 5 | - | 7 |
| Death rate: Communicable diseases | 72 | 110 | 210 | 937 | 2,436 | 274 |
| Death rate attributable to tobacco | 4 | 6 | 10 | 39 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 5 | 4 | - | 3 |
| Death rate: Tuberculosis | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Lower respiratory infections | 11 | 34 | 73 | 455 | 1,147 | 112 |
| Death rate attributable to tobacco | 4 | 6 | 10 | 39 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 37 | 19 | 13 | 8 | - | 8 |
| Death rate: Noncommunicable diseases | 266 | 951 | 2,662 | 5,554 | 13,705 | 1,780 |
| Death rate attributable to tobacco | 46 | 177 | 373 | 318 | - | 147 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 14 | 6 | - | 8 |
| Death rate: All malignant neoplasms | 50 | 289 | 857 | 992 | 1,940 | 379 |
| Death rate attributable to tobacco | 5 | 52 | 144 | 98 | - | 44 |
| Proportion of deaths attributable to tobacco (%) | 11 | 18 | 17 | 10 | - | 12 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 26 | 71 | 86 | - | 26 |
| Death rate attributable to tobacco | 2 | 19 | 55 | 56 | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 73 | 73 | 76 | 65 | - | 71 |
| Death rate: All other malignant neoplasms | 46 | 263 | 785 | 906 | 1,940 | 353 |
| Death rate attributable to tobacco | 3 | 33 | 90 | 42 | - | 26 |
| Proportion of deaths attributable to tobacco (%) | 6 | 13 | 11 | 5 | - | 7 |
| Death rate: All Cardiovascular diseases | 109 | 357 | 1,261 | 3,415 | 8,491 | 964 |
| Death rate attributable to tobacco | 34 | 110 | 210 | 183 | - | 90 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 17 | 5 | - | 9 |
| Death rate: Ischaemic heart disease | 9 | 111 | 418 | 945 | 1,620 | 242 |
| Death rate attributable to tobacco | 7 | 33 | 61 | 44 | - | 24 |
| Proportion of deaths attributable to tobacco (%) | 74 | 30 | 15 | 5 | - | 10 |
| Death rate: Cerebrovascular disease | 22 | 104 | 389 | 1,295 | 1,471 | 274 |
| Death rate attributable to tobacco | 6 | 32 | 66 | 72 | - | 27 |
| Proportion of deaths attributable to tobacco (%) | 28 | 31 | 17 | 6 | - | 10 |
| Death rate: Other cardiovascular diseases | 77 | 142 | 454 | 1,174 | 5,400 | 448 |
| Death rate attributable to tobacco | 21 | 45 | 83 | 67 | - | 39 |
| Proportion of deaths attributable to tobacco (%) | 27 | 32 | 18 | 6 | - | 9 |
| Death rate: Respiratory diseases | 27 | 42 | 29 | 114 | 255 | 48 |
| Death rate attributable to tobacco | 5 | 11 | 4 | 21 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 20 | 25 | 13 | 18 | - | 16 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 7 | - | 25 | 65 | 8 |
| Death rate attributable to tobacco | - | 5 | - | 13 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 73 | - | 52 | - | 35 |
| Death rate: Other respiratory diseases | 25 | 35 | 29 | 89 | 190 | 41 |
| Death rate attributable to tobacco | 5 | 5 | 4 | 8 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 21 | 16 | 13 | 9 | - | 13 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 412 | 1,254 | 3,384 | 7,771 | 18,177 | 2,089 | 353 | 1,017 | 2,532 | 5,833 | 15,494 | 2,137 |
| Death rate attributable to tobacco | 100 | 265 | 476 | 493 | - | 219 | - | 119 | 303 | 271 | - | 102 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 14 | 6 | - | 10 | - | 12 | 12 | 5 | - | 5 |
| <u>Death rate: Communicable diseases</u> | 84 | 132 | 343 | 927 | 2,878 | 274 | 60 | 92 | 98 | 943 | 2,219 | 275 |
| Death rate attributable to tobacco | 8 | 13 | 17 | 49 | - | 14 | - | 1 | 4 | 33 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 5 | 5 | - | 5 | - | 1 | 4 | 3 | - | 2 |
| <u>Death rate: Tuberculosis</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 21 | 65 | 131 | 540 | 1,390 | 126 | - | 10 | 24 | 402 | 1,027 | 99 |
| Death rate attributable to tobacco | 8 | 13 | 17 | 49 | - | 14 | - | 1 | 4 | 32 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 37 | 20 | 13 | 9 | - | 11 | - | 11 | 15 | 8 | - | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 259 | 1,008 | 2,934 | 6,697 | 14,774 | 1,712 | 272 | 906 | 2,434 | 4,838 | 13,177 | 1,838 |
| Death rate attributable to tobacco | 92 | 252 | 459 | 444 | - | 205 | - | 118 | 300 | 239 | - | 98 |
| Proportion of deaths attributable to tobacco (%) | 36 | 25 | 16 | 7 | - | 12 | - | 13 | 12 | 5 | - | 5 |
| <u>Death rate: All malignant neoplasms</u> | 47 | 247 | 943 | 1,439 | 3,075 | 408 | 52 | 322 | 784 | 712 | 1,380 | 355 |
| Death rate attributable to tobacco | 10 | 93 | 242 | 200 | - | 76 | - | 20 | 62 | 34 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | 22 | 38 | 26 | 14 | - | 19 | - | 6 | 8 | 5 | - | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 40 | 97 | 137 | - | 37 | - | 14 | 50 | 55 | - | 17 |
| Death rate attributable to tobacco | 5 | 33 | 80 | 106 | - | 30 | - | 8 | 33 | 25 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 73 | 82 | 82 | 77 | - | 80 | - | 53 | 67 | 46 | - | 55 |
| <u>Death rate: All other malignant neoplasms</u> | 41 | 207 | 846 | 1,303 | 3,075 | 371 | 52 | 307 | 734 | 657 | 1,380 | 339 |
| Death rate attributable to tobacco | 6 | 60 | 161 | 95 | - | 46 | - | 12 | 29 | 9 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 14 | 29 | 19 | 7 | - | 12 | - | 4 | 4 | 1 | - | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 94 | 347 | 1,477 | 3,570 | 8,981 | 861 | 124 | 364 | 1,080 | 3,317 | 8,249 | 1,053 |
| Death rate attributable to tobacco | 68 | 133 | 201 | 172 | - | 108 | - | 92 | 218 | 190 | - | 75 |
| Proportion of deaths attributable to tobacco (%) | 73 | 38 | 14 | 5 | - | 13 | - | 25 | 20 | 6 | - | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 18 | 137 | 585 | 1,130 | 2,604 | 282 | - | 90 | 277 | 829 | 1,133 | 208 |
| Death rate attributable to tobacco | 13 | 50 | 75 | 52 | - | 33 | - | 20 | 50 | 38 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 74 | 36 | 13 | 5 | - | 12 | - | 22 | 18 | 5 | - | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 22 | 90 | 395 | 1,305 | 1,687 | 239 | 23 | 116 | 385 | 1,289 | 1,365 | 304 |
| Death rate attributable to tobacco | 13 | 33 | 50 | 54 | - | 26 | - | 31 | 79 | 83 | - | 28 |
| Proportion of deaths attributable to tobacco (%) | 58 | 37 | 13 | 4 | - | 11 | - | 27 | 21 | 6 | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 54 | 121 | 498 | 1,135 | 4,689 | 340 | 101 | 158 | 417 | 1,198 | 5,751 | 541 |
| Death rate attributable to tobacco | 42 | 50 | 76 | 66 | - | 49 | - | 41 | 88 | 69 | - | 30 |
| Proportion of deaths attributable to tobacco (%) | 78 | 42 | 15 | 6 | - | 15 | - | 26 | 21 | 6 | - | 6 |
| <u>Death rate: Respiratory diseases</u> | 29 | 58 | 49 | 234 | - | 56 | 25 | 29 | 13 | 39 | 381 | 42 |
| Death rate attributable to tobacco | 11 | 20 | 6 | 49 | - | 16 | - | 3 | 2 | 3 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 35 | 13 | 21 | - | 28 | - | 11 | 15 | 8 | - | 3 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 16 | - | 66 | - | 10 | 4 | - | - | - | 98 | 6 |
| Death rate attributable to tobacco | - | 12 | - | 34 | - | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 73 | - | 52 | - | 61 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 29 | 42 | 49 | 169 | - | 46 | 21 | 29 | 13 | 39 | 284 | 36 |
| Death rate attributable to tobacco | 11 | 9 | 6 | 15 | - | 10 | - | 3 | 2 | 3 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 20 | 13 | 9 | - | 21 | - | 11 | 15 | 8 | - | 4 |

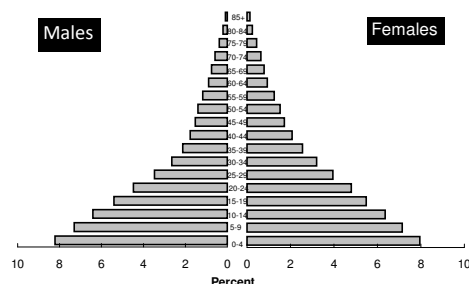
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Guatemala

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,375 | 4,422 | 8,797 |
| 30-44 | 811 | 972 | 1,783 |
| 45-59 | 507 | 556 | 1,063 |
| 60-69 | 203 | 213 | 416 |
| 70-79 | 120 | 134 | 255 |
| 80+ | 37 | 46 | 83 |
| Total | 6,054 | 6,343 | 12,397 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (874 per 100,000 population) was about 2.5 times that for communicable diseases (343 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 107 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 23 deaths per 100,000 population but with 65% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 11% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (111 per 100,000 men aged 30 years and over) compared with women (50 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 4% for women.

- Among those who died prematurely, almost one in every 30 deaths among those aged 30-44 and one in 31 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.4% of those whose death was due to a lower respiratory infection, 10.1% of deaths due to the category of 'all cardiovascular diseases combined', and 43.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 466 | 874 | 1,964 | 4,721 | 13,590 | 1,363 |
| Death rate attributable to tobacco | 15 | 28 | 127 | 380 | 902 | 78 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 6 | 8 | 7 | 6 |
| Death rate: Communicable diseases | 116 | 161 | 447 | 1,238 | 4,300 | 343 |
| Death rate attributable to tobacco | 2 | 4 | 22 | 87 | 329 | 19 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 5 | 7 | 8 | 5 |
| Death rate: Tuberculosis | 16 | 41 | 73 | 69 | 71 | 35 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 5 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 6 | 7 | 9 | 6 |
| Death rate: Lower respiratory infections | 11 | 47 | 213 | 709 | 2,603 | 154 |
| Death rate attributable to tobacco | 1 | 2 | 18 | 82 | 322 | 16 |
| Proportion of deaths attributable to tobacco (%) | 11 | 4 | 8 | 12 | 12 | 11 |
| Death rate: Noncommunicable diseases | 209 | 585 | 1,370 | 3,300 | 8,942 | 874 |
| Death rate attributable to tobacco | 13 | 25 | 105 | 292 | 574 | 60 |
| Proportion of deaths attributable to tobacco (%) | 6 | 4 | 8 | 9 | 6 | 7 |
| Death rate: All malignant neoplasms | 43 | 148 | 365 | 856 | 1,737 | 207 |
| Death rate attributable to tobacco | 3 | 9 | 50 | 130 | 218 | 24 |
| Proportion of deaths attributable to tobacco (%) | 6 | 6 | 14 | 15 | 13 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 12 | 52 | 115 | 159 | 23 |
| Death rate attributable to tobacco | 1 | 5 | 35 | 85 | 118 | 15 |
| Proportion of deaths attributable to tobacco (%) | 30 | 44 | 67 | 74 | 74 | 65 |
| Death rate: All other malignant neoplasms | 40 | 135 | 313 | 741 | 1,577 | 185 |
| Death rate attributable to tobacco | 2 | 4 | 15 | 45 | 99 | 9 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 5 | 6 | 6 | 5 |
| Death rate: All Cardiovascular diseases | 34 | 124 | 377 | 1,154 | 4,215 | 276 |
| Death rate attributable to tobacco | 9 | 13 | 36 | 82 | 86 | 20 |
| Proportion of deaths attributable to tobacco (%) | 26 | 10 | 9 | 7 | 2 | 7 |
| Death rate: Ischaemic heart disease | 11 | 55 | 170 | 478 | 1,383 | 107 |
| Death rate attributable to tobacco | 3 | 6 | 15 | 30 | 30 | 8 |
| Proportion of deaths attributable to tobacco (%) | 31 | 10 | 9 | 6 | 2 | 7 |
| Death rate: Cerebrovascular disease | 12 | 37 | 121 | 361 | 1,207 | 84 |
| Death rate attributable to tobacco | 2 | 4 | 12 | 27 | 6 | 6 |
| Proportion of deaths attributable to tobacco (%) | 20 | 10 | 10 | 7 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 11 | 32 | 87 | 315 | 1,625 | 85 |
| Death rate attributable to tobacco | 3 | 3 | 9 | 25 | 49 | 6 |
| Proportion of deaths attributable to tobacco (%) | 27 | 10 | 10 | 8 | 3 | 8 |
| Death rate: Respiratory diseases | 8 | 16 | 59 | 202 | 633 | 44 |
| Death rate attributable to tobacco | 1 | 2 | 13 | 63 | 237 | 13 |
| Proportion of deaths attributable to tobacco (%) | 16 | 11 | 22 | 31 | 38 | 29 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 3 | 21 | 87 | 342 | 18 |
| Death rate attributable to tobacco | 1 | 1 | 10 | 49 | 201 | 10 |
| Proportion of deaths attributable to tobacco (%) | 47 | 35 | 47 | 57 | 59 | 55 |
| Death rate: Other respiratory diseases | 6 | 12 | 38 | 115 | 291 | 26 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 13 | 36 | 3 |
| Proportion of deaths attributable to tobacco (%) | 10 | 5 | 8 | 12 | 13 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 699 | 1,101 | 2,197 | 5,107 | 14,624 | 1,624 | 272 | 667 | 1,741 | 4,374 | 12,758 | 1,134 |
| Death rate attributable to tobacco | 31 | 53 | 173 | 451 | 1,217 | 111 | 2 | 6 | 83 | 316 | 649 | 50 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 8 | 9 | 8 | 7 | 1 | 1 | 5 | 7 | 5 | 4 |
| <u>Death rate: Communicable diseases</u> | 124 | 200 | 489 | 1,280 | 4,596 | 372 | 110 | 125 | 408 | 1,200 | 4,062 | 318 |
| Death rate attributable to tobacco | 5 | 7 | 29 | 92 | 431 | 24 | 0 | 1 | 15 | 84 | 247 | 14 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 6 | 7 | 9 | 6 | 0 | 1 | 4 | 7 | 6 | 4 |
| <u>Death rate: Tuberculosis</u> | 23 | 56 | 101 | 88 | 98 | 49 | 10 | 28 | 46 | 52 | 49 | 23 |
| Death rate attributable to tobacco | 2 | 3 | 7 | 7 | 11 | 4 | 0 | 0 | 2 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 5 | 7 | 8 | 11 | 8 | 1 | 1 | 4 | 6 | 5 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 17 | 50 | 224 | 739 | 2,811 | 165 | 6 | 44 | 204 | 682 | 2,435 | 144 |
| Death rate attributable to tobacco | 3 | 4 | 22 | 84 | 420 | 20 | 0 | 1 | 14 | 80 | 244 | 13 |
| Proportion of deaths attributable to tobacco (%) | 15 | 7 | 10 | 11 | 15 | 12 | 3 | 1 | 7 | 12 | 10 | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 308 | 674 | 1,472 | 3,543 | 9,535 | 995 | 126 | 504 | 1,272 | 3,082 | 8,463 | 768 |
| Death rate attributable to tobacco | 26 | 46 | 144 | 360 | 786 | 87 | 2 | 5 | 68 | 232 | 403 | 36 |
| Proportion of deaths attributable to tobacco (%) | 9 | 7 | 10 | 10 | 8 | 9 | 2 | 1 | 5 | 8 | 5 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 40 | 110 | 337 | 921 | 2,005 | 204 | 45 | 182 | 391 | 798 | 1,520 | 211 |
| Death rate attributable to tobacco | 5 | 17 | 80 | 197 | 385 | 40 | 0 | 1 | 22 | 69 | 83 | 10 |
| Proportion of deaths attributable to tobacco (%) | 13 | 16 | 24 | 21 | 19 | 20 | 1 | 1 | 6 | 9 | 5 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 18 | 75 | 167 | 265 | 34 | 2 | 8 | 30 | 68 | 75 | 13 |
| Death rate attributable to tobacco | 1 | 11 | 57 | 136 | 222 | 25 | 0 | 1 | 14 | 38 | 34 | 5 |
| Proportion of deaths attributable to tobacco (%) | 45 | 60 | 77 | 81 | 84 | 76 | 10 | 10 | 45 | 56 | 46 | 41 |
| <u>Death rate: All other malignant neoplasms</u> | 37 | 93 | 263 | 754 | 1,740 | 170 | 43 | 174 | 361 | 729 | 1,446 | 198 |
| Death rate attributable to tobacco | 4 | 7 | 23 | 61 | 162 | 15 | 0 | 1 | 8 | 31 | 49 | 4 |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 2 | 4 | 3 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 42 | 139 | 412 | 1,238 | 4,333 | 296 | 27 | 111 | 345 | 1,079 | 4,121 | 257 |
| Death rate attributable to tobacco | 18 | 23 | 40 | 74 | 48 | 27 | 1 | 3 | 32 | 89 | 116 | 14 |
| Proportion of deaths attributable to tobacco (%) | 42 | 16 | 10 | 6 | 1 | 9 | 4 | 3 | 9 | 8 | 3 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 15 | 70 | 206 | 573 | 1,578 | 129 | 7 | 42 | 135 | 392 | 1,226 | 87 |
| Death rate attributable to tobacco | 7 | 11 | 20 | 34 | 16 | 12 | 0 | 1 | 11 | 27 | 42 | 5 |
| Proportion of deaths attributable to tobacco (%) | 46 | 15 | 9 | 6 | 1 | 9 | 3 | 3 | 8 | 7 | 3 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 15 | 38 | 131 | 389 | 1,305 | 91 | 9 | 35 | 111 | 336 | 1,128 | 78 |
| Death rate attributable to tobacco | 4 | 6 | 12 | 20 | 13 | 7 | 1 | 1 | 11 | 32 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 29 | 16 | 9 | 5 | 1 | 8 | 7 | 3 | 10 | 10 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 12 | 31 | 74 | 276 | 1,450 | 76 | 10 | 33 | 98 | 351 | 1,767 | 92 |
| Death rate attributable to tobacco | 6 | 6 | 8 | 19 | 19 | 8 | 0 | 1 | 9 | 30 | 74 | 5 |
| Proportion of deaths attributable to tobacco (%) | 52 | 18 | 11 | 7 | 1 | 10 | 3 | 3 | 10 | 8 | 4 | 6 |
| <u>Death rate: Respiratory diseases</u> | 10 | 20 | 68 | 228 | 733 | 52 | 6 | 13 | 51 | 178 | 553 | 38 |
| Death rate attributable to tobacco | 2 | 3 | 17 | 71 | 312 | 16 | 0 | 0 | 10 | 55 | 177 | 9 |
| Proportion of deaths attributable to tobacco (%) | 23 | 18 | 25 | 31 | 43 | 31 | 6 | 3 | 20 | 31 | 32 | 25 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 5 | 23 | 95 | 400 | 21 | 1 | 2 | 20 | 79 | 296 | 16 |
| Death rate attributable to tobacco | 1 | 2 | 12 | 56 | 262 | 13 | 0 | 0 | 8 | 44 | 152 | 8 |
| Proportion of deaths attributable to tobacco (%) | 65 | 47 | 54 | 58 | 66 | 60 | 20 | 10 | 40 | 56 | 51 | 49 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 15 | 45 | 133 | 333 | 31 | 5 | 11 | 31 | 99 | 257 | 22 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 15 | 50 | 4 | 0 | 0 | 2 | 12 | 26 | 2 |
| Proportion of deaths attributable to tobacco (%) | 15 | 7 | 10 | 11 | 15 | 12 | 3 | 1 | 7 | 12 | 10 | 8 |

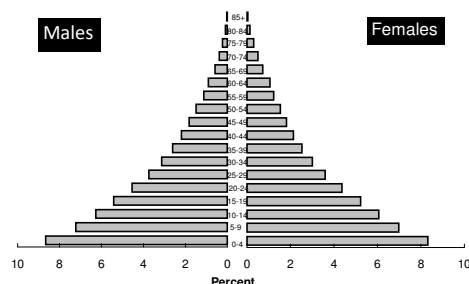
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Guinea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 3,167 | 3,051 | 6,218 |
| 30-44 | 701 | 678 | 1,378 |
| 45-59 | 391 | 404 | 795 |
| 60-69 | 132 | 157 | 289 |
| 70-79 | 55 | 72 | 126 |
| 80+ | 10 | 15 | 26 |
| Total | 4,455 | 4,377 | 8,833 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1126 per 100,000 population) was about 2 times that for communicable diseases (555 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 157 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 12 deaths per 100,000 population but with 56% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (182 per 100,000 men aged 30 years and over) compared with women (11 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 1% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 17 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.4% of those whose death was due to a lower respiratory infection, 10.5% of deaths due to the category of 'all cardiovascular diseases combined', and 53.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 722 | 1,532 | 3,535 | 8,137 | 17,495 | 1,803 |
| Death rate attributable to tobacco | 68 | 89 | 128 | 271 | 470 | 95 |
| Proportion of deaths attributable to tobacco (%) | 9 | 6 | 4 | 3 | 3 | 5 |
| Death rate: Communicable diseases | 372 | 507 | 859 | 1,608 | 3,194 | 555 |
| Death rate attributable to tobacco | 20 | 12 | 16 | 34 | 88 | 19 |
| Proportion of deaths attributable to tobacco (%) | 5 | 2 | 2 | 2 | 3 | 3 |
| Death rate: Tuberculosis | 77 | 75 | 96 | 126 | 141 | 82 |
| Death rate attributable to tobacco | 13 | 4 | 3 | 4 | 6 | 9 |
| Proportion of deaths attributable to tobacco (%) | 17 | 5 | 3 | 3 | 4 | 11 |
| Death rate: Lower respiratory infections | 29 | 149 | 401 | 845 | 1,882 | 164 |
| Death rate attributable to tobacco | 7 | 8 | 13 | 30 | 81 | 10 |
| Proportion of deaths attributable to tobacco (%) | 24 | 5 | 3 | 4 | 4 | 6 |
| Death rate: Noncommunicable diseases | 241 | 909 | 2,541 | 6,304 | 13,958 | 1,126 |
| Death rate attributable to tobacco | 48 | 76 | 112 | 236 | 382 | 76 |
| Proportion of deaths attributable to tobacco (%) | 20 | 8 | 4 | 4 | 3 | 7 |
| Death rate: All malignant neoplasms | 38 | 196 | 522 | 1,137 | 1,928 | 211 |
| Death rate attributable to tobacco | 7 | 18 | 32 | 70 | 125 | 17 |
| Proportion of deaths attributable to tobacco (%) | 18 | 9 | 6 | 6 | 6 | 8 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 12 | 27 | 55 | 76 | 12 |
| Death rate attributable to tobacco | 2 | 7 | 15 | 34 | 51 | 7 |
| Proportion of deaths attributable to tobacco (%) | 53 | 53 | 54 | 62 | 67 | 56 |
| Death rate: All other malignant neoplasms | 34 | 184 | 495 | 1,082 | 1,852 | 199 |
| Death rate attributable to tobacco | 5 | 11 | 17 | 36 | 74 | 10 |
| Proportion of deaths attributable to tobacco (%) | 15 | 6 | 3 | 3 | 4 | 5 |
| Death rate: All Cardiovascular diseases | 80 | 367 | 1,121 | 3,108 | 7,739 | 504 |
| Death rate attributable to tobacco | 31 | 39 | 31 | 47 | 19 | 34 |
| Proportion of deaths attributable to tobacco (%) | 39 | 11 | 3 | 2 | 0 | 7 |
| Death rate: Ischaemic heart disease | 15 | 124 | 409 | 969 | 1,957 | 157 |
| Death rate attributable to tobacco | 7 | 15 | 13 | 18 | 5 | 11 |
| Proportion of deaths attributable to tobacco (%) | 47 | 12 | 3 | 2 | 0 | 7 |
| Death rate: Cerebrovascular disease | 32 | 137 | 413 | 1,148 | 2,738 | 187 |
| Death rate attributable to tobacco | 11 | 13 | 10 | 13 | 6 | 12 |
| Proportion of deaths attributable to tobacco (%) | 35 | 10 | 2 | 1 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 32 | 107 | 299 | 991 | 3,043 | 160 |
| Death rate attributable to tobacco | 13 | 10 | 8 | 15 | 9 | 12 |
| Proportion of deaths attributable to tobacco (%) | 40 | 9 | 3 | 2 | 0 | 7 |
| Death rate: Respiratory diseases | 31 | 103 | 296 | 680 | 1,331 | 126 |
| Death rate attributable to tobacco | 9 | 19 | 46 | 114 | 226 | 23 |
| Proportion of deaths attributable to tobacco (%) | 29 | 18 | 16 | 17 | 17 | 18 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 40 | 146 | 349 | 626 | 55 |
| Death rate attributable to tobacco | 4 | 15 | 41 | 102 | 196 | 18 |
| Proportion of deaths attributable to tobacco (%) | 69 | 38 | 28 | 29 | 31 | 33 |
| Death rate: Other respiratory diseases | 25 | 63 | 150 | 332 | 705 | 72 |
| Death rate attributable to tobacco | 5 | 4 | 5 | 12 | 30 | 5 |
| Proportion of deaths attributable to tobacco (%) | 19 | 6 | 3 | 4 | 4 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 773 | 1,791 | 4,077 | 8,916 | 18,926 | 1,913 | 669 | 1,282 | 3,080 | 7,543 | 16,517 | 1,696 |
| Death rate attributable to tobacco | 115 | 180 | 280 | 626 | 1,158 | 182 | 21 | - | - | - | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 7 | 7 | 6 | 9 | 3 | - | - | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 339 | 613 | 1,048 | 1,872 | 3,693 | 587 | 406 | 405 | 701 | 1,408 | 2,853 | 523 |
| Death rate attributable to tobacco | 37 | 25 | 35 | 80 | 217 | 36 | 3 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 4 | 3 | 4 | 6 | 6 | 1 | - | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 115 | 121 | 141 | 189 | 226 | 124 | 39 | 31 | 59 | 78 | 83 | 41 |
| Death rate attributable to tobacco | 24 | 8 | 6 | 9 | 15 | 17 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 21 | 7 | 4 | 5 | 6 | 13 | 5 | - | - | - | - | 2 |
| <u>Death rate: Lower respiratory infections</u> | 46 | 175 | 513 | 1,019 | 2,213 | 192 | 10 | 124 | 306 | 712 | 1,656 | 137 |
| Death rate attributable to tobacco | 13 | 16 | 29 | 70 | 201 | 20 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 28 | 9 | 6 | 7 | 9 | 10 | 8 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 263 | 998 | 2,844 | 6,734 | 14,861 | 1,143 | 218 | 822 | 2,287 | 5,976 | 13,342 | 1,110 |
| Death rate attributable to tobacco | 78 | 155 | 245 | 546 | 941 | 145 | 18 | - | - | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 30 | 16 | 9 | 8 | 6 | 13 | 8 | - | - | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 32 | 201 | 613 | 1,412 | 2,693 | 223 | 43 | 192 | 446 | 927 | 1,405 | 200 |
| Death rate attributable to tobacco | 12 | 36 | 70 | 162 | 308 | 34 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 18 | 11 | 11 | 11 | 15 | 4 | - | - | - | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 20 | 50 | 110 | 169 | 20 | 2 | 4 | 8 | 13 | 13 | 4 |
| Death rate attributable to tobacco | 3 | 13 | 32 | 79 | 126 | 13 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 64 | 65 | 65 | 72 | 75 | 67 | 27 | - | - | - | - | 7 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 180 | 563 | 1,302 | 2,524 | 203 | 41 | 188 | 438 | 914 | 1,392 | 196 |
| Death rate attributable to tobacco | 9 | 23 | 38 | 83 | 181 | 21 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 32 | 13 | 7 | 6 | 7 | 10 | 3 | - | - | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 83 | 393 | 1,178 | 2,991 | 7,397 | 471 | 77 | 343 | 1,073 | 3,197 | 7,972 | 536 |
| Death rate attributable to tobacco | 50 | 79 | 69 | 108 | 48 | 63 | 12 | - | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 61 | 20 | 6 | 4 | 1 | 13 | 15 | - | - | - | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 20 | 165 | 511 | 1,191 | 2,245 | 182 | 10 | 84 | 323 | 800 | 1,760 | 133 |
| Death rate attributable to tobacco | 13 | 31 | 28 | 42 | 13 | 21 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 66 | 19 | 6 | 3 | 1 | 12 | 9 | - | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 32 | 139 | 403 | 992 | 2,330 | 162 | 33 | 135 | 421 | 1,267 | 3,017 | 211 |
| Death rate attributable to tobacco | 15 | 27 | 22 | 31 | 14 | 20 | 7 | - | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 47 | 20 | 6 | 3 | 1 | 12 | 22 | - | - | - | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 30 | 89 | 263 | 808 | 2,821 | 128 | 34 | 124 | 329 | 1,130 | 3,194 | 192 |
| Death rate attributable to tobacco | 22 | 20 | 18 | 36 | 21 | 21 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 71 | 23 | 7 | 4 | 1 | 17 | 11 | - | - | - | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 34 | 134 | 416 | 937 | 1,750 | 156 | 27 | 72 | 196 | 485 | 1,045 | 97 |
| Death rate attributable to tobacco | 14 | 38 | 101 | 264 | 557 | 45 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 41 | 28 | 24 | 28 | 32 | 29 | 15 | - | - | - | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 8 | 58 | 227 | 526 | 927 | 75 | 5 | 23 | 78 | 213 | 420 | 35 |
| Death rate attributable to tobacco | 7 | 31 | 90 | 235 | 483 | 36 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 81 | 53 | 40 | 45 | 52 | 48 | 46 | - | - | - | - | 3 |
| <u>Death rate: Other respiratory diseases</u> | 26 | 76 | 189 | 411 | 823 | 81 | 23 | 49 | 118 | 272 | 625 | 63 |
| Death rate attributable to tobacco | 7 | 7 | 11 | 28 | 75 | 9 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 28 | 9 | 6 | 7 | 9 | 11 | 8 | - | - | - | - | 2 |

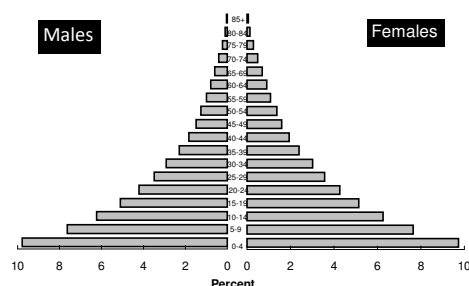
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Guinea-Bissau

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 565 | 567 | 1,132 |
| 30-44 | 109 | 114 | 223 |
| 45-59 | 58 | 63 | 121 |
| 60-69 | 22 | 25 | 46 |
| 70-79 | 10 | 12 | 22 |
| 80+ | 2 | 3 | 5 |
| Total | 765 | 784 | 1,549 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1284 per 100,000 population) was about 1.6 times that for communicable diseases (787 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 178 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 9 deaths per 100,000 population but with 45% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (103 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

- Among those who died prematurely, almost one in every 125 deaths among those aged 30-44 and one in 29 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.6% of those whose death was due to a lower respiratory infection, 6.9% of deaths due to the category of 'all cardiovascular diseases combined', and 46.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,019 | 1,828 | 3,936 | 8,606 | 19,311 | 2,204 |
| Death rate attributable to tobacco | 8 | 64 | 114 | 178 | 364 | 49 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 3 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 605 | 740 | 1,113 | 1,694 | 2,906 | 787 |
| Death rate attributable to tobacco | 2 | 11 | 18 | 22 | 56 | 8 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 2 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 54 | 64 | 82 | 104 | 97 | 63 |
| Death rate attributable to tobacco | 1 | 2 | 2 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 2 | 2 | 3 | 2 |
| Death rate: Lower respiratory infections | 66 | 238 | 536 | 896 | 1,729 | 233 |
| Death rate attributable to tobacco | 1 | 9 | 16 | 20 | 53 | 7 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 3 | 2 | 3 | 3 |
| Death rate: Noncommunicable diseases | 291 | 961 | 2,680 | 6,694 | 16,121 | 1,284 |
| Death rate attributable to tobacco | 6 | 53 | 96 | 155 | 308 | 41 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 4 | 2 | 2 | 3 |
| Death rate: All malignant neoplasms | 45 | 208 | 550 | 1,209 | 2,190 | 236 |
| Death rate attributable to tobacco | 1 | 11 | 25 | 39 | 80 | 9 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 5 | 3 | 4 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 25 | 45 | 62 | 9 |
| Death rate attributable to tobacco | 0 | 4 | 12 | 20 | 32 | 4 |
| Proportion of deaths attributable to tobacco (%) | 7 | 47 | 50 | 44 | 52 | 45 |
| Death rate: All other malignant neoplasms | 44 | 200 | 525 | 1,164 | 2,127 | 227 |
| Death rate attributable to tobacco | 1 | 7 | 13 | 20 | 48 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 2 | 2 | 2 | 2 |
| Death rate: All Cardiovascular diseases | 96 | 389 | 1,186 | 3,296 | 8,984 | 581 |
| Death rate attributable to tobacco | 4 | 27 | 27 | 29 | 15 | 15 |
| Proportion of deaths attributable to tobacco (%) | 4 | 7 | 2 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 18 | 130 | 432 | 1,033 | 2,282 | 178 |
| Death rate attributable to tobacco | 1 | 11 | 11 | 11 | 4 | 6 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 3 | 1 | 0 | 3 |
| Death rate: Cerebrovascular disease | 39 | 146 | 441 | 1,224 | 3,178 | 216 |
| Death rate attributable to tobacco | 1 | 9 | 9 | 8 | 4 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 2 | 1 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 39 | 113 | 314 | 1,040 | 3,523 | 187 |
| Death rate attributable to tobacco | 2 | 7 | 7 | 9 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | 6 | 6 | 2 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 38 | 108 | 310 | 725 | 1,537 | 143 |
| Death rate attributable to tobacco | 1 | 14 | 42 | 84 | 205 | 16 |
| Proportion of deaths attributable to tobacco (%) | 3 | 13 | 13 | 12 | 13 | 11 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 42 | 153 | 372 | 719 | 62 |
| Death rate attributable to tobacco | 1 | 12 | 38 | 76 | 181 | 14 |
| Proportion of deaths attributable to tobacco (%) | 12 | 29 | 25 | 21 | 25 | 23 |
| Death rate: Other respiratory diseases | 30 | 66 | 158 | 353 | 818 | 82 |
| Death rate attributable to tobacco | 0 | 2 | 4 | 8 | 24 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 3 | 2 | 3 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,136 | 2,202 | 4,518 | 9,396 | 21,996 | 2,427 | 907 | 1,485 | 3,432 | 7,971 | 17,526 | 1,999 |
| Death rate attributable to tobacco | 17 | 134 | 245 | 399 | 912 | 103 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 5 | 4 | 4 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 607 | 947 | 1,430 | 2,069 | 3,635 | 897 | 602 | 550 | 838 | 1,392 | 2,422 | 685 |
| Death rate attributable to tobacco | 4 | 23 | 39 | 50 | 140 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 3 | 2 | 4 | 2 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 84 | 101 | 121 | 157 | 163 | 97 | 25 | 30 | 49 | 62 | 53 | 32 |
| Death rate attributable to tobacco | 1 | 4 | 4 | 4 | 7 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 3 | 3 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 110 | 299 | 724 | 1,135 | 2,205 | 302 | 24 | 183 | 373 | 704 | 1,413 | 169 |
| Death rate attributable to tobacco | 2 | 18 | 34 | 45 | 132 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 5 | 4 | 6 | 5 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 319 | 1,049 | 2,885 | 7,015 | 18,011 | 1,316 | 264 | 881 | 2,501 | 6,437 | 14,865 | 1,255 |
| Death rate attributable to tobacco | 13 | 111 | 207 | 349 | 772 | 86 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 11 | 7 | 5 | 4 | 7 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 39 | 211 | 622 | 1,471 | 3,185 | 254 | 51 | 206 | 487 | 999 | 1,528 | 220 |
| Death rate attributable to tobacco | 1 | 23 | 54 | 88 | 200 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 9 | 6 | 6 | 8 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 15 | 44 | 75 | 123 | 15 | 0 | 2 | 8 | 21 | 22 | 3 |
| Death rate attributable to tobacco | 0 | 8 | 27 | 44 | 81 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 54 | 61 | 59 | 66 | 55 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 37 | 196 | 578 | 1,396 | 3,062 | 239 | 50 | 203 | 478 | 978 | 1,506 | 217 |
| Death rate attributable to tobacco | 1 | 15 | 28 | 44 | 120 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 8 | 5 | 3 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 100 | 413 | 1,197 | 3,115 | 9,052 | 548 | 93 | 367 | 1,176 | 3,442 | 8,938 | 611 |
| Death rate attributable to tobacco | 9 | 56 | 58 | 64 | 38 | 31 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 14 | 5 | 2 | 0 | 6 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 24 | 173 | 521 | 1,244 | 2,735 | 208 | 12 | 90 | 354 | 864 | 1,981 | 150 |
| Death rate attributable to tobacco | 2 | 22 | 24 | 25 | 10 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 13 | 5 | 2 | 0 | 6 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 39 | 147 | 412 | 1,039 | 2,866 | 188 | 39 | 146 | 465 | 1,372 | 3,385 | 242 |
| Death rate attributable to tobacco | 2 | 19 | 19 | 18 | 11 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 13 | 5 | 2 | 0 | 5 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 37 | 92 | 264 | 832 | 3,451 | 151 | 42 | 131 | 357 | 1,206 | 3,572 | 219 |
| Death rate attributable to tobacco | 5 | 14 | 15 | 21 | 17 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 16 | 6 | 3 | 0 | 6 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 42 | 141 | 421 | 977 | 2,107 | 179 | 34 | 77 | 214 | 522 | 1,158 | 111 |
| Death rate attributable to tobacco | 3 | 30 | 90 | 188 | 512 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 21 | 21 | 19 | 24 | 19 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 10 | 61 | 230 | 549 | 1,106 | 86 | 6 | 24 | 86 | 229 | 462 | 39 |
| Death rate attributable to tobacco | 2 | 25 | 81 | 171 | 452 | 30 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 19 | 41 | 35 | 31 | 41 | 35 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 32 | 80 | 191 | 428 | 1,001 | 92 | 29 | 53 | 128 | 293 | 696 | 71 |
| Death rate attributable to tobacco | 1 | 5 | 9 | 17 | 60 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 5 | 4 | 6 | 5 | - | - | - | - | - | - |

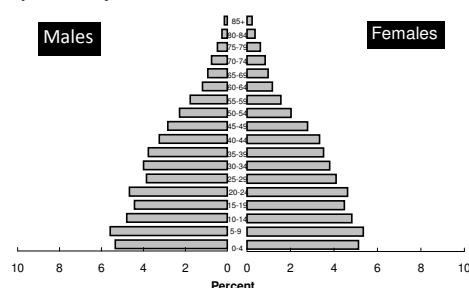
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Guyana

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 212 | 211 | 423 |
| 30-44 | 81 | 79 | 160 |
| 45-59 | 51 | 47 | 98 |
| 60-69 | 16 | 16 | 31 |
| 70-79 | 9 | 11 | 20 |
| 80+ | 3 | 4 | 7 |
| Total | 372 | 367 | 739 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1355 per 100,000 population) was about 3.8 times that for communicable diseases (354 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 272 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 33% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (50 per 100,000 men aged 30 years and over) compared with women (17 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 1% for women.

- Among those who died prematurely, almost one in every 62 deaths among those aged 30-44 and one in 23 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.1% of those whose death was due to a lower respiratory infection, 9.7% of deaths due to the category of 'all cardiovascular diseases combined', and 37.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 742 | 1,288 | 2,756 | 6,681 | 18,028 | 1,875 |
| Death rate attributable to tobacco | 12 | 56 | 54 | 69 | 22 | 34 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 2 | 1 | 0 | 2 |
| Death rate: Communicable diseases | 293 | 210 | 301 | 731 | 2,852 | 354 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 6 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 1 | 1 | 0 | 1 |
| Death rate: Tuberculosis | 21 | 27 | 50 | 53 | 58 | 29 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 1 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 2 | 2 | 0 | 2 |
| Death rate: Lower respiratory infections | 22 | 30 | 96 | 330 | 1,475 | 84 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 5 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 3 | 2 | 0 | 2 |
| Death rate: Noncommunicable diseases | 289 | 926 | 2,307 | 5,732 | 14,741 | 1,355 |
| Death rate attributable to tobacco | 11 | 54 | 51 | 63 | 18 | 31 |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 2 | 1 | 0 | 2 |
| Death rate: All malignant neoplasms | 59 | 144 | 278 | 758 | 1,756 | 189 |
| Death rate attributable to tobacco | 1 | 7 | 16 | 20 | 7 | 6 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 6 | 3 | 0 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 11 | 25 | 39 | 42 | 10 |
| Death rate attributable to tobacco | 0 | 4 | 10 | 14 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 13 | 37 | 41 | 35 | 7 | 33 |
| Death rate: All other malignant neoplasms | 57 | 133 | 253 | 719 | 1,714 | 179 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 6 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 2 | 1 | 0 | 1 |
| Death rate: All Cardiovascular diseases | 92 | 438 | 1,339 | 3,490 | 9,160 | 741 |
| Death rate attributable to tobacco | 9 | 42 | 28 | 22 | 2 | 22 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 2 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 26 | 189 | 586 | 1,270 | 2,793 | 272 |
| Death rate attributable to tobacco | 3 | 17 | 13 | 9 | 0 | 9 |
| Proportion of deaths attributable to tobacco (%) | 12 | 9 | 2 | 1 | 0 | 3 |
| Death rate: Cerebrovascular disease | 25 | 143 | 495 | 1,292 | 2,736 | 249 |
| Death rate attributable to tobacco | 2 | 15 | 10 | 8 | 0 | 7 |
| Proportion of deaths attributable to tobacco (%) | 6 | 10 | 2 | 1 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 41 | 106 | 257 | 928 | 3,630 | 220 |
| Death rate attributable to tobacco | 4 | 11 | 6 | 6 | 1 | 6 |
| Proportion of deaths attributable to tobacco (%) | 10 | 11 | 2 | 1 | 0 | 3 |
| Death rate: Respiratory diseases | 14 | 26 | 54 | 224 | 565 | 47 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 18 | 9 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 8 | 8 | 2 | 6 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 3 | 16 | 88 | 215 | 14 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 16 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | 25 | 30 | 23 | 18 | 4 | 15 |
| Death rate: Other respiratory diseases | 12 | 22 | 38 | 136 | 350 | 33 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 2 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 2 | 1 | 0 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 685 | 1,414 | 3,141 | 7,272 | 19,897 | 1,870 | 800 | 1,151 | 2,375 | 6,181 | 16,827 | 1,881 |
| Death rate attributable to tobacco | 21 | 59 | 109 | 151 | 57 | 50 | 3 | 52 | - | - | - | 17 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 3 | 2 | 0 | 3 | 0 | 5 | - | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 246 | 240 | 414 | 887 | 3,228 | 350 | 341 | 178 | 189 | 598 | 2,610 | 358 |
| Death rate attributable to tobacco | 2 | 2 | 7 | 13 | 11 | 4 | 0 | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 28 | 35 | 81 | 97 | 123 | 41 | 14 | 18 | 20 | 17 | 16 | 16 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 3 | 2 | 0 | 3 | 1 | 2 | - | - | - | 1 |
| <u>Death rate: Lower respiratory infections</u> | 23 | 35 | 134 | 405 | 1,673 | 89 | 20 | 25 | 58 | 266 | 1,348 | 80 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 11 | 10 | 2 | 0 | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 4 | 3 | 1 | 3 | 1 | 4 | - | - | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 215 | 925 | 2,493 | 6,065 | 16,235 | 1,278 | 365 | 926 | 2,122 | 5,450 | 13,781 | 1,434 |
| Death rate attributable to tobacco | 18 | 57 | 101 | 138 | 46 | 46 | 3 | 50 | - | - | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 9 | 6 | 4 | 2 | 0 | 4 | 1 | 5 | - | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 28 | 87 | 286 | 944 | 2,398 | 166 | 92 | 205 | 269 | 602 | 1,344 | 213 |
| Death rate attributable to tobacco | 2 | 9 | 31 | 43 | 17 | 10 | 0 | 5 | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 6 | 10 | 11 | 5 | 1 | 6 | 0 | 2 | - | - | - | 1 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 13 | 38 | 61 | 50 | 13 | 2 | 10 | 12 | 20 | 37 | 7 |
| Death rate attributable to tobacco | 0 | 5 | 21 | 30 | 8 | 6 | 0 | 3 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 21 | 43 | 55 | 49 | 16 | 44 | 4 | 28 | - | - | - | 12 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 75 | 248 | 883 | 2,347 | 153 | 90 | 196 | 257 | 581 | 1,307 | 206 |
| Death rate attributable to tobacco | 1 | 4 | 10 | 13 | 9 | 4 | 0 | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 4 | 1 | 0 | 2 | 0 | 1 | - | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 75 | 485 | 1,465 | 3,628 | 9,691 | 712 | 109 | 387 | 1,214 | 3,373 | 8,818 | 771 |
| Death rate attributable to tobacco | 15 | 44 | 55 | 49 | 4 | 30 | 2 | 41 | - | - | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 20 | 9 | 4 | 1 | 0 | 4 | 2 | 11 | - | - | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 27 | 237 | 685 | 1,448 | 2,945 | 290 | 24 | 137 | 489 | 1,120 | 2,695 | 254 |
| Death rate attributable to tobacco | 6 | 20 | 25 | 20 | 1 | 13 | 0 | 13 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 22 | 9 | 4 | 1 | 0 | 5 | 1 | 9 | - | - | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 20 | 147 | 526 | 1,414 | 3,189 | 245 | 30 | 139 | 464 | 1,188 | 2,446 | 253 |
| Death rate attributable to tobacco | 2 | 13 | 19 | 17 | 1 | 8 | 1 | 16 | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 9 | 4 | 1 | 0 | 3 | 3 | 12 | - | - | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 28 | 101 | 254 | 766 | 3,557 | 177 | 54 | 112 | 260 | 1,065 | 3,677 | 263 |
| Death rate attributable to tobacco | 7 | 10 | 11 | 12 | 2 | 9 | 1 | 12 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 26 | 10 | 4 | 2 | 0 | 5 | 1 | 11 | - | - | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 12 | 27 | 65 | 291 | 773 | 51 | 16 | 25 | 43 | 167 | 432 | 43 |
| Death rate attributable to tobacco | 1 | 2 | 9 | 39 | 23 | 5 | 0 | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 14 | 13 | 3 | 9 | 2 | 7 | - | - | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 4 | 25 | 149 | 308 | 18 | 1 | 3 | 8 | 36 | 156 | 9 |
| Death rate attributable to tobacco | 1 | 1 | 8 | 35 | 20 | 4 | 0 | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 31 | 30 | 23 | 6 | 20 | 9 | 29 | - | - | - | 4 |
| <u>Death rate: Other respiratory diseases</u> | 10 | 23 | 40 | 142 | 464 | 33 | 15 | 22 | 35 | 131 | 276 | 34 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 4 | 3 | 1 | 0 | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 4 | 3 | 1 | 3 | 1 | 4 | - | - | - | 1 |

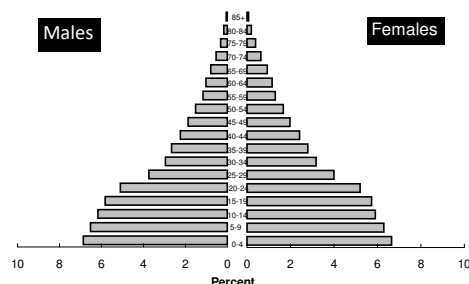
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Haiti

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 3,131 | 3,090 | 6,221 |
| 30-44 | 719 | 768 | 1,487 |
| 45-59 | 415 | 453 | 868 |
| 60-69 | 166 | 190 | 356 |
| 70-79 | 78 | 95 | 173 |
| 80+ | 20 | 24 | 44 |
| Total | 4,529 | 4,621 | 9,149 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1103 per 100,000 population) was about 1.4 times that for communicable diseases (764 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 91 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 44% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (37 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 874 | 1,550 | 3,469 | 7,850 | 18,180 | 2,062 |
| Death rate attributable to tobacco | - | 7 | 54 | 89 | 246 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 1 | 1 | 1 |
| Death rate: Communicable diseases | 560 | 739 | 871 | 1,652 | 3,772 | 764 |
| Death rate attributable to tobacco | - | 1 | 7 | 9 | 42 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 1 | 0 |
| Death rate: Tuberculosis | 57 | 180 | 344 | 390 | 377 | 153 |
| Death rate attributable to tobacco | - | 1 | 6 | 6 | 14 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 4 | 1 |
| Death rate: Lower respiratory infections | 21 | 42 | 69 | 429 | 1,388 | 77 |
| Death rate attributable to tobacco | - | 0 | 1 | 3 | 28 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Noncommunicable diseases | 170 | 610 | 2,340 | 5,848 | 13,713 | 1,103 |
| Death rate attributable to tobacco | - | 6 | 47 | 81 | 205 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 1 | 1 |
| Death rate: All malignant neoplasms | 13 | 93 | 367 | 996 | 2,046 | 169 |
| Death rate attributable to tobacco | - | 1 | 19 | 34 | 141 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 3 | 7 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 5 | 19 | 35 | 73 | 7 |
| Death rate attributable to tobacco | - | 1 | 9 | 17 | 51 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 49 | 48 | 69 | 44 |
| Death rate: All other malignant neoplasms | 13 | 89 | 348 | 961 | 1,973 | 162 |
| Death rate attributable to tobacco | - | 1 | 10 | 18 | 90 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 5 | 2 |
| Death rate: All Cardiovascular diseases | 64 | 286 | 1,082 | 3,294 | 7,552 | 557 |
| Death rate attributable to tobacco | - | 4 | 21 | 27 | 20 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 5 | 60 | 193 | 578 | 856 | 91 |
| Death rate attributable to tobacco | - | 1 | 5 | 6 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 0 | 1 |
| Death rate: Cerebrovascular disease | 29 | 120 | 572 | 1,466 | 2,644 | 246 |
| Death rate attributable to tobacco | - | 2 | 9 | 10 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 31 | 106 | 317 | 1,250 | 4,053 | 220 |
| Death rate attributable to tobacco | - | 2 | 7 | 11 | 13 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 13 | 20 | 93 | 316 | 551 | 51 |
| Death rate attributable to tobacco | - | 0 | 5 | 16 | 25 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 5 | 5 | 4 |
| Death rate: Chronic obstructive pulmonary disease | 1 | - | 16 | 34 | 41 | 5 |
| Death rate attributable to tobacco | - | - | 3 | 10 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 18 | 28 | - | 18 |
| Death rate: Other respiratory diseases | 12 | 20 | 77 | 282 | 511 | 46 |
| Death rate attributable to tobacco | - | 0 | 2 | 7 | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 5 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,054 | 1,892 | 4,059 | 8,647 | 19,372 | 2,342 | 706 | 1,236 | 2,954 | 7,195 | 17,211 | 1,807 |
| Death rate attributable to tobacco | - | 15 | 116 | 198 | 550 | 37 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 3 | 2 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 680 | 956 | 992 | 1,474 | 3,387 | 882 | 448 | 540 | 765 | 1,799 | 4,085 | 656 |
| Death rate attributable to tobacco | - | 2 | 16 | 19 | 93 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 1 | 3 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 82 | 261 | 512 | 528 | 531 | 217 | 33 | 106 | 197 | 277 | 251 | 94 |
| Death rate attributable to tobacco | - | 2 | 13 | 12 | 31 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 6 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 20 | 47 | 78 | 189 | 761 | 55 | 21 | 37 | 60 | 625 | 1,898 | 98 |
| Death rate attributable to tobacco | - | 1 | 3 | 6 | 62 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 8 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 185 | 702 | 2,740 | 6,765 | 15,243 | 1,222 | 156 | 525 | 1,992 | 5,095 | 12,469 | 996 |
| Death rate attributable to tobacco | - | 12 | 101 | 179 | 457 | 32 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 3 | 3 | 3 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 8 | 86 | 411 | 1,023 | 2,864 | 176 | 18 | 101 | 329 | 974 | 1,382 | 162 |
| Death rate attributable to tobacco | - | 3 | 42 | 76 | 314 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 7 | 11 | 8 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 0 | 9 | 37 | 68 | 155 | 13 | 0 | 1 | 3 | 8 | 7 | 1 |
| Death rate attributable to tobacco | - | 1 | 20 | 37 | 113 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 53 | 55 | 73 | 49 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 8 | 77 | 373 | 955 | 2,709 | 163 | 18 | 100 | 325 | 966 | 1,375 | 161 |
| Death rate attributable to tobacco | - | 2 | 22 | 39 | 201 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 4 | 7 | 5 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 73 | 331 | 1,227 | 3,457 | 7,466 | 580 | 56 | 244 | 956 | 3,160 | 7,623 | 536 |
| Death rate attributable to tobacco | - | 9 | 45 | 59 | 44 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 2 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 5 | 91 | 278 | 746 | 918 | 117 | 4 | 32 | 119 | 440 | 805 | 67 |
| Death rate attributable to tobacco | - | 2 | 10 | 13 | 5 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 2 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 33 | 125 | 556 | 1,445 | 2,145 | 231 | 25 | 115 | 586 | 1,483 | 3,049 | 260 |
| Death rate attributable to tobacco | - | 3 | 19 | 22 | 11 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 35 | 116 | 393 | 1,266 | 4,402 | 232 | 27 | 97 | 250 | 1,237 | 3,768 | 210 |
| Death rate attributable to tobacco | - | 3 | 16 | 25 | 28 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 2 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 9 | 27 | 142 | 507 | 688 | 68 | 18 | 13 | 51 | 160 | 440 | 36 |
| Death rate attributable to tobacco | - | 0 | 10 | 36 | 56 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 7 | 7 | 8 | 6 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | - | 21 | 76 | - | 8 | - | - | 11 | - | 74 | 3 |
| Death rate attributable to tobacco | - | - | 6 | 21 | - | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 29 | 28 | - | 24 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 7 | 27 | 121 | 430 | 688 | 60 | 18 | 13 | 40 | 160 | 367 | 33 |
| Death rate attributable to tobacco | - | 0 | 4 | 15 | 56 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 8 | 4 | - | - | - | - | - | - |

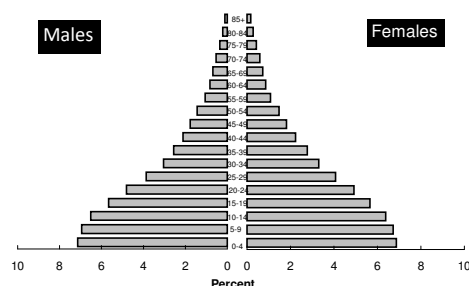
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Honduras

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,342 | 2,321 | 4,662 |
| 30-44 | 517 | 557 | 1,074 |
| 45-59 | 286 | 293 | 578 |
| 60-69 | 102 | 106 | 208 |
| 70-79 | 60 | 68 | 128 |
| 80+ | 22 | 30 | 52 |
| Total | 3,328 | 3,374 | 6,702 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1259 per 100,000 population) was about 7 times that for communicable diseases (179 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 261 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 27 deaths per 100,000 population but with 72% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 14% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (149 per 100,000 men aged 30 years and over) compared with women (95 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 7% for women.

- Among those who died prematurely, almost one in every 73 deaths among those aged 30-44 and one in 23 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.8% of those whose death was due to a lower respiratory infection, 11.3% of deaths due to the category of 'all cardiovascular diseases combined', and 46.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 356 | 921 | 2,530 | 6,315 | 16,595 | 1,523 |
| Death rate attributable to tobacco | 5 | 40 | 300 | 720 | 1,228 | 121 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 12 | 11 | 7 | 8 |
| Death rate: Communicable diseases | 133 | 155 | 181 | 392 | 853 | 179 |
| Death rate attributable to tobacco | 0 | 2 | 12 | 33 | 85 | 6 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 7 | 8 | 10 | 3 |
| Death rate: Tuberculosis | 14 | 33 | 60 | 97 | 145 | 32 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 10 | 16 | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 10 | 11 | 11 | 7 |
| Death rate: Lower respiratory infections | 2 | 11 | 46 | 144 | 434 | 29 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 23 | 69 | 4 |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 14 | 16 | 16 | 14 |
| Death rate: Noncommunicable diseases | 159 | 684 | 2,235 | 5,783 | 15,433 | 1,259 |
| Death rate attributable to tobacco | 5 | 38 | 287 | 686 | 1,143 | 115 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 13 | 12 | 7 | 9 |
| Death rate: All malignant neoplasms | 39 | 153 | 509 | 1,082 | 2,019 | 235 |
| Death rate attributable to tobacco | 1 | 10 | 95 | 200 | 280 | 33 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 19 | 18 | 14 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 13 | 78 | 154 | 184 | 27 |
| Death rate attributable to tobacco | 0 | 6 | 61 | 123 | 143 | 19 |
| Proportion of deaths attributable to tobacco (%) | 18 | 46 | 78 | 80 | 78 | 72 |
| Death rate: All other malignant neoplasms | 37 | 140 | 431 | 928 | 1,835 | 208 |
| Death rate attributable to tobacco | 1 | 4 | 34 | 77 | 138 | 13 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 8 | 8 | 7 | 6 |
| Death rate: All Cardiovascular diseases | 37 | 208 | 873 | 2,837 | 9,267 | 580 |
| Death rate attributable to tobacco | 3 | 23 | 136 | 275 | 279 | 46 |
| Proportion of deaths attributable to tobacco (%) | 8 | 11 | 16 | 10 | 3 | 8 |
| Death rate: Ischaemic heart disease | 11 | 87 | 413 | 1,338 | 4,115 | 261 |
| Death rate attributable to tobacco | 0 | 10 | 61 | 119 | 144 | 20 |
| Proportion of deaths attributable to tobacco (%) | 4 | 11 | 15 | 9 | 3 | 8 |
| Death rate: Cerebrovascular disease | 11 | 63 | 252 | 802 | 2,276 | 158 |
| Death rate attributable to tobacco | 2 | 7 | 39 | 83 | 12 | 12 |
| Proportion of deaths attributable to tobacco (%) | 14 | 11 | 16 | 10 | 1 | 8 |
| Death rate: Other cardiovascular diseases | 15 | 57 | 209 | 697 | 2,876 | 162 |
| Death rate attributable to tobacco | 1 | 7 | 35 | 74 | 124 | 14 |
| Proportion of deaths attributable to tobacco (%) | 7 | 12 | 17 | 11 | 4 | 9 |
| Death rate: Respiratory diseases | 5 | 21 | 95 | 358 | 1,051 | 67 |
| Death rate attributable to tobacco | 0 | 3 | 39 | 170 | 520 | 29 |
| Proportion of deaths attributable to tobacco (%) | 7 | 15 | 41 | 48 | 49 | 43 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 7 | 55 | 226 | 710 | 40 |
| Death rate attributable to tobacco | 0 | 2 | 34 | 149 | 467 | 25 |
| Proportion of deaths attributable to tobacco (%) | 27 | 33 | 62 | 66 | 66 | 63 |
| Death rate: Other respiratory diseases | 4 | 14 | 41 | 132 | 340 | 27 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 21 | 53 | 3 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 14 | 16 | 16 | 13 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 458 | 1,156 | 3,075 | 7,192 | 17,784 | 1,721 | 261 | 691 | 2,005 | 5,538 | 15,739 | 1,338 |
| Death rate attributable to tobacco | - | 66 | 406 | 905 | 1,476 | 149 | 9 | 15 | 197 | 555 | 1,050 | 95 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 13 | 13 | 8 | 9 | 4 | 2 | 10 | 10 | 7 | 7 |
| <u>Death rate: Communicable diseases</u> | 178 | 236 | 242 | 467 | 1,081 | 239 | 92 | 76 | 123 | 326 | 689 | 123 |
| Death rate attributable to tobacco | - | 3 | 17 | 46 | 119 | 8 | 1 | 0 | 7 | 22 | 61 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 7 | 10 | 11 | 3 | 1 | 1 | 6 | 7 | 9 | 4 |
| <i>Death rate: Tuberculosis</i> | 19 | 48 | 86 | 142 | 217 | 46 | 9 | 18 | 35 | 58 | 93 | 20 |
| Death rate attributable to tobacco | - | 3 | 10 | 16 | 28 | 3 | 0 | 0 | 2 | 5 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 11 | 12 | 13 | 7 | 5 | 1 | 6 | 9 | 8 | 5 |
| <i>Death rate: Lower respiratory infections</i> | 2 | 11 | 48 | 182 | 522 | 31 | 2 | 11 | 43 | 110 | 370 | 26 |
| Death rate attributable to tobacco | - | 1 | 8 | 29 | 91 | 5 | 0 | 0 | 5 | 17 | 53 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 16 | 16 | 18 | 15 | 9 | 2 | 11 | 16 | 14 | 13 |
| <u>Death rate: Noncommunicable diseases</u> | 175 | 781 | 2,639 | 6,511 | 16,319 | 1,345 | 145 | 588 | 1,846 | 5,138 | 14,795 | 1,179 |
| Death rate attributable to tobacco | - | 62 | 389 | 860 | 1,357 | 140 | 9 | 15 | 190 | 533 | 990 | 90 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 15 | 13 | 8 | 10 | 6 | 3 | 10 | 10 | 7 | 8 |
| <i>Death rate: All malignant neoplasms</i> | 20 | 111 | 513 | 1,253 | 2,311 | 223 | 58 | 195 | 505 | 931 | 1,808 | 247 |
| Death rate attributable to tobacco | - | 18 | 150 | 313 | 483 | 50 | 2 | 2 | 42 | 100 | 135 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 29 | 25 | 21 | 23 | 3 | 1 | 8 | 11 | 7 | 7 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 18 | 116 | 234 | 312 | 39 | 2 | 8 | 41 | 83 | 92 | 16 |
| Death rate attributable to tobacco | - | 11 | 99 | 203 | 269 | 32 | 1 | 1 | 25 | 53 | 52 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 60 | 85 | 87 | 86 | 81 | 29 | 16 | 60 | 64 | 56 | 52 |
| <i>Death rate: All other malignant neoplasms</i> | 18 | 93 | 397 | 1,019 | 2,000 | 184 | 55 | 186 | 464 | 848 | 1,716 | 231 |
| Death rate attributable to tobacco | - | 7 | 51 | 110 | 213 | 19 | 1 | 1 | 18 | 47 | 83 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 13 | 11 | 11 | 10 | 2 | 1 | 4 | 6 | 5 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 37 | 222 | 1,059 | 3,142 | 9,096 | 584 | 38 | 194 | 694 | 2,567 | 9,390 | 577 |
| Death rate attributable to tobacco | - | 37 | 167 | 271 | 122 | 47 | 6 | 11 | 106 | 280 | 393 | 46 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 16 | 9 | 1 | 8 | 15 | 5 | 15 | 11 | 4 | 8 |
| <i>Death rate: Ischaemic heart disease</i> | 13 | 103 | 538 | 1,682 | 4,022 | 283 | 9 | 72 | 292 | 1,033 | 4,182 | 240 |
| Death rate attributable to tobacco | - | 16 | 82 | 143 | 50 | 23 | 1 | 3 | 41 | 97 | 212 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 15 | 9 | 1 | 8 | 10 | 5 | 14 | 9 | 5 | 7 |
| <i>Death rate: Cerebrovascular disease</i> | 10 | 57 | 303 | 810 | 2,244 | 152 | 13 | 69 | 202 | 794 | 2,299 | 163 |
| Death rate attributable to tobacco | - | 9 | 46 | 62 | 28 | 12 | 3 | 4 | 33 | 101 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 15 | 8 | 1 | 8 | 24 | 6 | 16 | 13 | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 14 | 62 | 218 | 650 | 2,831 | 149 | 16 | 53 | 200 | 740 | 2,908 | 174 |
| Death rate attributable to tobacco | - | 11 | 38 | 66 | 44 | 12 | 2 | 3 | 32 | 82 | 181 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 18 | 10 | 2 | 8 | 12 | 6 | 16 | 11 | 6 | 9 |
| <i>Death rate: Respiratory diseases</i> | 5 | 23 | 108 | 479 | 1,202 | 76 | 4 | 19 | 84 | 251 | 942 | 59 |
| Death rate attributable to tobacco | - | 5 | 50 | 238 | 678 | 36 | 1 | 1 | 29 | 110 | 406 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 47 | 50 | 56 | 47 | 17 | 7 | 35 | 44 | 43 | 38 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 8 | 65 | 313 | 894 | 48 | 1 | 7 | 45 | 149 | 578 | 33 |
| Death rate attributable to tobacco | - | 4 | 44 | 211 | 624 | 32 | 0 | 1 | 24 | 94 | 354 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 47 | 67 | 68 | 70 | 67 | 49 | 17 | 55 | 63 | 61 | 58 |
| <i>Death rate: Other respiratory diseases</i> | 5 | 15 | 42 | 166 | 307 | 28 | 3 | 12 | 39 | 102 | 364 | 26 |
| Death rate attributable to tobacco | - | 1 | 7 | 27 | 54 | 4 | 0 | 0 | 4 | 16 | 52 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 16 | 16 | 18 | 14 | 9 | 2 | 11 | 16 | 14 | 12 |

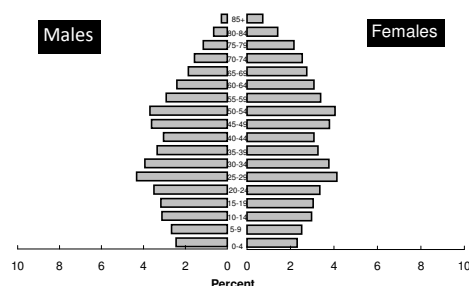
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Hungary

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 1,942 | 1,853 | 3,795 |
| 30-44 | 1,044 | 1,024 | 2,068 |
| 45-59 | 1,034 | 1,136 | 2,169 |
| 60-69 | 431 | 589 | 1,020 |
| 70-79 | 275 | 476 | 751 |
| 80+ | 94 | 216 | 310 |
| Total | 4,819 | 5,294 | 10,113 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1880 per 100,000 population) was about 76.4 times that for communicable diseases (25 per 100,000). Tobacco was responsible for 26% of all NCDs compared with 26% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 533 deaths per 100,000 population aged 30 years and over, with 24% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 130 deaths per 100,000 population but with 91% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 34% of all lower respiratory infection deaths and 30% of all tuberculosis deaths.

- The death rate due to tobacco in men was (699 per 100,000 men aged 30 years and over) compared with women (325 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 30% for men and 18% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 2 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 47.2% of those whose death was due to a lower respiratory infection, 68.7% of deaths due to the category of 'all cardiovascular diseases combined', and 94% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 225 | 1,005 | 2,250 | 5,111 | 13,066 | 2,030 |
| Death rate attributable to tobacco | 59 | 422 | 804 | 1,117 | 1,399 | 495 |
| Proportion of deaths attributable to tobacco (%) | 26 | 42 | 36 | 22 | 11 | 24 |
| Death rate: Communicable diseases | 6 | 13 | 23 | 56 | 163 | 25 |
| Death rate attributable to tobacco | 2 | 4 | 6 | 13 | 39 | 6 |
| Proportion of deaths attributable to tobacco (%) | 31 | 30 | 27 | 23 | 24 | 26 |
| Death rate: Tuberculosis | 2 | 4 | 5 | 9 | 15 | 5 |
| Death rate attributable to tobacco | 1 | 2 | 2 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 35 | 37 | 32 | 22 | 20 | 30 |
| Death rate: Lower respiratory infections | 2 | 5 | 11 | 35 | 125 | 14 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 11 | 36 | 5 |
| Proportion of deaths attributable to tobacco (%) | 46 | 47 | 40 | 30 | 29 | 34 |
| Death rate: Noncommunicable diseases | 158 | 890 | 2,114 | 4,858 | 12,306 | 1,880 |
| Death rate attributable to tobacco | 57 | 418 | 797 | 1,104 | 1,359 | 489 |
| Proportion of deaths attributable to tobacco (%) | 36 | 47 | 38 | 23 | 11 | 26 |
| Death rate: All malignant neoplasms | 49 | 372 | 790 | 1,313 | 1,930 | 522 |
| Death rate attributable to tobacco | 17 | 194 | 336 | 391 | 402 | 193 |
| Proportion of deaths attributable to tobacco (%) | 34 | 52 | 42 | 30 | 21 | 37 |
| Death rate: Trachea, bronchus, lung cancers | 9 | 117 | 241 | 292 | 276 | 130 |
| Death rate attributable to tobacco | 7 | 110 | 224 | 262 | 235 | 119 |
| Proportion of deaths attributable to tobacco (%) | 81 | 94 | 93 | 90 | 85 | 91 |
| Death rate: All other malignant neoplasms | 41 | 255 | 549 | 1,020 | 1,654 | 392 |
| Death rate attributable to tobacco | 10 | 85 | 111 | 130 | 167 | 74 |
| Proportion of deaths attributable to tobacco (%) | 24 | 33 | 20 | 13 | 10 | 19 |
| Death rate: All Cardiovascular diseases | 51 | 288 | 927 | 2,833 | 8,950 | 1,041 |
| Death rate attributable to tobacco | 37 | 198 | 389 | 559 | 643 | 241 |
| Proportion of deaths attributable to tobacco (%) | 73 | 69 | 42 | 20 | 7 | 23 |
| Death rate: Ischaemic heart disease | 24 | 159 | 493 | 1,460 | 4,422 | 533 |
| Death rate attributable to tobacco | 17 | 107 | 201 | 270 | 381 | 126 |
| Proportion of deaths attributable to tobacco (%) | 73 | 67 | 41 | 18 | 9 | 24 |
| Death rate: Cerebrovascular disease | 11 | 65 | 247 | 796 | 2,262 | 271 |
| Death rate attributable to tobacco | 7 | 45 | 103 | 163 | 16 | 55 |
| Proportion of deaths attributable to tobacco (%) | 68 | 70 | 42 | 20 | 1 | 20 |
| Death rate: Other cardiovascular diseases | 17 | 63 | 188 | 576 | 2,265 | 237 |
| Death rate attributable to tobacco | 12 | 46 | 86 | 126 | 246 | 61 |
| Proportion of deaths attributable to tobacco (%) | 74 | 72 | 46 | 22 | 11 | 26 |
| Death rate: Respiratory diseases | 4 | 28 | 81 | 185 | 393 | 66 |
| Death rate attributable to tobacco | 3 | 23 | 63 | 135 | 286 | 49 |
| Proportion of deaths attributable to tobacco (%) | 73 | 80 | 77 | 73 | 73 | 75 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 21 | 65 | 152 | 336 | 53 |
| Death rate attributable to tobacco | 2 | 19 | 56 | 125 | 269 | 45 |
| Proportion of deaths attributable to tobacco (%) | 89 | 90 | 87 | 82 | 80 | 84 |
| Death rate: Other respiratory diseases | 2 | 7 | 16 | 33 | 56 | 12 |
| Death rate attributable to tobacco | 1 | 3 | 6 | 10 | 16 | 4 |
| Proportion of deaths attributable to tobacco (%) | 45 | 47 | 40 | 30 | 29 | 36 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 314 | 1,467 | 3,394 | 6,977 | 14,876 | 2,300 | 134 | 584 | 1,414 | 4,032 | 12,283 | 1,805 |
| Death rate attributable to tobacco | 89 | 661 | 1,388 | 1,791 | 1,532 | 699 | 29 | 204 | 376 | 727 | 1,341 | 325 |
| Proportion of deaths attributable to tobacco (%) | 28 | 45 | 41 | 26 | 10 | 30 | 22 | 35 | 27 | 18 | 11 | 18 |
| <u>Death rate: Communicable diseases</u> | 8 | 20 | 36 | 77 | 222 | 30 | 4 | 7 | 14 | 44 | 138 | 20 |
| Death rate attributable to tobacco | 3 | 6 | 12 | 20 | 51 | 9 | 1 | 2 | 2 | 8 | 34 | 4 |
| Proportion of deaths attributable to tobacco (%) | 36 | 31 | 32 | 26 | 23 | 29 | 21 | 26 | 16 | 19 | 25 | 22 |
| <u>Death rate: Tuberculosis</u> | 3 | 8 | 10 | 16 | 31 | 8 | 1 | 1 | 2 | 5 | 8 | 2 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 4 | 6 | 3 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 38 | 35 | 26 | 21 | 33 | 27 | 31 | 19 | 16 | 18 | 20 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 7 | 18 | 48 | 165 | 16 | 1 | 3 | 6 | 28 | 108 | 13 |
| Death rate attributable to tobacco | 2 | 3 | 8 | 16 | 45 | 6 | 0 | 1 | 2 | 8 | 32 | 4 |
| Proportion of deaths attributable to tobacco (%) | 47 | 47 | 44 | 33 | 27 | 36 | 42 | 47 | 31 | 27 | 30 | 31 |
| <u>Death rate: Noncommunicable diseases</u> | 205 | 1,281 | 3,166 | 6,617 | 13,959 | 2,095 | 111 | 534 | 1,346 | 3,841 | 11,592 | 1,700 |
| Death rate attributable to tobacco | 86 | 655 | 1,377 | 1,771 | 1,481 | 690 | 28 | 203 | 374 | 718 | 1,307 | 321 |
| Proportion of deaths attributable to tobacco (%) | 42 | 51 | 43 | 27 | 11 | 33 | 26 | 38 | 28 | 19 | 11 | 19 |
| <u>Death rate: All malignant neoplasms</u> | 51 | 501 | 1,158 | 1,934 | 2,741 | 646 | 48 | 255 | 521 | 953 | 1,579 | 419 |
| Death rate attributable to tobacco | 24 | 317 | 633 | 789 | 798 | 319 | 9 | 83 | 118 | 162 | 231 | 87 |
| Proportion of deaths attributable to tobacco (%) | 48 | 63 | 55 | 41 | 29 | 49 | 20 | 33 | 23 | 17 | 15 | 21 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 11 | 177 | 434 | 559 | 519 | 203 | 6 | 62 | 101 | 138 | 171 | 69 |
| Death rate attributable to tobacco | 9 | 170 | 416 | 528 | 476 | 193 | 5 | 55 | 84 | 108 | 130 | 57 |
| Proportion of deaths attributable to tobacco (%) | 84 | 96 | 96 | 94 | 92 | 95 | 75 | 89 | 84 | 78 | 76 | 82 |
| <u>Death rate: All other malignant neoplasms</u> | 40 | 324 | 724 | 1,376 | 2,223 | 443 | 42 | 193 | 421 | 815 | 1,408 | 349 |
| Death rate attributable to tobacco | 15 | 147 | 217 | 261 | 322 | 126 | 5 | 28 | 34 | 54 | 101 | 30 |
| Proportion of deaths attributable to tobacco (%) | 38 | 45 | 30 | 19 | 14 | 28 | 11 | 15 | 8 | 7 | 7 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 71 | 441 | 1,397 | 3,691 | 9,519 | 1,056 | 30 | 149 | 583 | 2,337 | 8,704 | 1,028 |
| Death rate attributable to tobacco | 57 | 301 | 618 | 728 | 219 | 298 | 16 | 104 | 222 | 462 | 826 | 193 |
| Proportion of deaths attributable to tobacco (%) | 81 | 68 | 44 | 20 | 2 | 28 | 53 | 70 | 38 | 20 | 9 | 19 |
| <u>Death rate: Ischaemic heart disease</u> | 36 | 259 | 764 | 1,982 | 4,877 | 569 | 11 | 69 | 295 | 1,159 | 4,225 | 502 |
| Death rate attributable to tobacco | 30 | 174 | 330 | 387 | 106 | 163 | 5 | 46 | 106 | 202 | 500 | 94 |
| Proportion of deaths attributable to tobacco (%) | 82 | 67 | 43 | 20 | 2 | 29 | 43 | 67 | 36 | 17 | 12 | 19 |
| <u>Death rate: Cerebrovascular disease</u> | 12 | 90 | 365 | 1,019 | 2,394 | 267 | 10 | 42 | 160 | 668 | 2,205 | 275 |
| Death rate attributable to tobacco | 8 | 61 | 157 | 180 | 52 | 67 | 7 | 31 | 64 | 153 | - | 44 |
| Proportion of deaths attributable to tobacco (%) | 68 | 68 | 43 | 18 | 2 | 25 | 69 | 73 | 40 | 23 | - | 16 |
| <u>Death rate: Other cardiovascular diseases</u> | 23 | 92 | 269 | 691 | 2,247 | 221 | 10 | 38 | 128 | 510 | 2,273 | 251 |
| Death rate attributable to tobacco | 19 | 66 | 131 | 161 | 62 | 68 | 5 | 27 | 52 | 106 | 326 | 55 |
| Proportion of deaths attributable to tobacco (%) | 85 | 72 | 49 | 23 | 3 | 31 | 49 | 72 | 41 | 21 | 14 | 22 |
| <u>Death rate: Respiratory diseases</u> | 5 | 40 | 136 | 299 | 586 | 84 | 3 | 18 | 42 | 120 | 309 | 50 |
| Death rate attributable to tobacco | 4 | 32 | 109 | 229 | 436 | 65 | 2 | 14 | 29 | 80 | 221 | 35 |
| Proportion of deaths attributable to tobacco (%) | 75 | 81 | 81 | 77 | 74 | 78 | 70 | 77 | 69 | 67 | 71 | 70 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 31 | 109 | 254 | 520 | 70 | 2 | 13 | 33 | 93 | 257 | 39 |
| Death rate attributable to tobacco | 3 | 28 | 98 | 215 | 418 | 60 | 2 | 11 | 26 | 72 | 205 | 32 |
| Proportion of deaths attributable to tobacco (%) | 91 | 91 | 89 | 84 | 80 | 86 | 87 | 89 | 81 | 78 | 80 | 80 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 8 | 26 | 44 | 66 | 14 | 1 | 5 | 9 | 27 | 52 | 11 |
| Death rate attributable to tobacco | 1 | 4 | 11 | 15 | 18 | 5 | 1 | 2 | 3 | 7 | 16 | 3 |
| Proportion of deaths attributable to tobacco (%) | 47 | 47 | 44 | 33 | 27 | 39 | 42 | 47 | 31 | 27 | 30 | 32 |

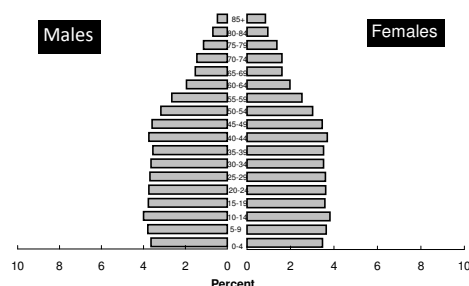
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Iceland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 66 | 64 | 130 |
| 30-44 | 32 | 31 | 63 |
| 45-59 | 28 | 26 | 54 |
| 60-69 | 10 | 10 | 21 |
| 70-79 | 8 | 9 | 16 |
| 80+ | 3 | 5 | 9 |
| Total | 147 | 146 | 293 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1044 per 100,000 population) was about 22.1 times that for communicable diseases (47 per 100,000). Tobacco was responsible for 19% of all NCDs compared with 26% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 256 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 71 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 32% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (184 per 100,000 men aged 30 years and over) compared with women (227 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 20% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 22.1% of those whose death was due to a lower respiratory infection, 37% of deaths due to the category of 'all cardiovascular diseases combined', and 80.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 79 | 305 | 972 | 2,836 | 11,345 | 1,141 |
| Death rate attributable to tobacco | 14 | 70 | 253 | 649 | 1,515 | 206 |
| Proportion of deaths attributable to tobacco (%) | 17 | 23 | 26 | 23 | 13 | 18 |
| Death rate: Communicable diseases | 1 | 4 | 14 | 65 | 706 | 47 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 14 | 192 | 12 |
| Proportion of deaths attributable to tobacco (%) | 30 | 12 | 15 | 21 | 27 | 26 |
| Death rate: Tuberculosis | - | - | 2 | 10 | 25 | 3 |
| Death rate attributable to tobacco | - | - | 0 | 2 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 11 | 23 | 20 | 20 |
| Death rate: Lower respiratory infections | 1 | 2 | 8 | 36 | 569 | 36 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 11 | 188 | 12 |
| Proportion of deaths attributable to tobacco (%) | 30 | 22 | 19 | 31 | 33 | 32 |
| Death rate: Noncommunicable diseases | 53 | 256 | 898 | 2,690 | 10,463 | 1,044 |
| Death rate attributable to tobacco | 13 | 69 | 251 | 635 | 1,322 | 194 |
| Proportion of deaths attributable to tobacco (%) | 25 | 27 | 28 | 24 | 13 | 19 |
| Death rate: All malignant neoplasms | 23 | 141 | 442 | 1,032 | 1,973 | 320 |
| Death rate attributable to tobacco | 4 | 38 | 145 | 322 | 412 | 87 |
| Proportion of deaths attributable to tobacco (%) | 18 | 27 | 33 | 31 | 21 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 36 | 127 | 265 | 277 | 71 |
| Death rate attributable to tobacco | 3 | 29 | 110 | 235 | 236 | 61 |
| Proportion of deaths attributable to tobacco (%) | 65 | 81 | 87 | 89 | 85 | 85 |
| Death rate: All other malignant neoplasms | 19 | 105 | 315 | 767 | 1,696 | 249 |
| Death rate attributable to tobacco | 1 | 9 | 35 | 87 | 176 | 26 |
| Proportion of deaths attributable to tobacco (%) | 6 | 9 | 11 | 11 | 10 | 10 |
| Death rate: All Cardiovascular diseases | 17 | 76 | 306 | 1,056 | 5,669 | 477 |
| Death rate attributable to tobacco | 9 | 28 | 71 | 187 | 470 | 65 |
| Proportion of deaths attributable to tobacco (%) | 55 | 37 | 23 | 18 | 8 | 14 |
| Death rate: Ischaemic heart disease | 7 | 56 | 205 | 632 | 2,750 | 256 |
| Death rate attributable to tobacco | 4 | 20 | 44 | 97 | 256 | 37 |
| Proportion of deaths attributable to tobacco (%) | 56 | 36 | 21 | 15 | 9 | 14 |
| Death rate: Cerebrovascular disease | 5 | 7 | 41 | 222 | 1,412 | 107 |
| Death rate attributable to tobacco | 3 | 3 | 12 | 46 | 7 | 8 |
| Proportion of deaths attributable to tobacco (%) | 52 | 38 | 29 | 21 | 0 | 8 |
| Death rate: Other cardiovascular diseases | 5 | 13 | 61 | 202 | 1,508 | 114 |
| Death rate attributable to tobacco | 2 | 5 | 15 | 43 | 208 | 20 |
| Proportion of deaths attributable to tobacco (%) | 55 | 41 | 25 | 21 | 14 | 18 |
| Death rate: Respiratory diseases | - | 6 | 50 | 169 | 592 | 57 |
| Death rate attributable to tobacco | - | 3 | 34 | 121 | 422 | 40 |
| Proportion of deaths attributable to tobacco (%) | - | 50 | 67 | 71 | 71 | 70 |
| Death rate: Chronic obstructive pulmonary disease | - | 3 | 41 | 142 | 498 | 47 |
| Death rate attributable to tobacco | - | 2 | 31 | 113 | 392 | 37 |
| Proportion of deaths attributable to tobacco (%) | - | 72 | 77 | 80 | 79 | 79 |
| Death rate: Other respiratory diseases | - | 3 | 10 | 27 | 94 | 10 |
| Death rate attributable to tobacco | - | 1 | 3 | 8 | 30 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 27 | 29 | 31 | 29 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 89 | 365 | 1,189 | 3,708 | 12,121 | 1,165 | 70 | 242 | 761 | 2,078 | 10,847 | 1,116 |
| Death rate attributable to tobacco | 19 | 85 | 231 | 735 | 1,180 | 184 | 8 | 55 | 274 | 573 | 1,729 | 227 |
| Proportion of deaths attributable to tobacco (%) | 21 | 23 | 19 | 20 | 10 | 16 | 12 | 23 | 36 | 28 | 16 | 20 |
| <u>Death rate: Communicable diseases</u> | 1 | 5 | 25 | 72 | 597 | 37 | - | 3 | 3 | 58 | 775 | 57 |
| Death rate attributable to tobacco | 0 | 0 | 3 | 8 | 88 | 5 | - | 0 | 1 | 18 | 260 | 19 |
| Proportion of deaths attributable to tobacco (%) | 30 | 10 | 12 | 12 | 15 | 14 | | 17 | 40 | 31 | 33 | 33 |
| <u>Death rate: Tuberculosis</u> | - | - | 4 | 4 | 30 | 2 | - | - | - | 15 | 21 | 3 |
| Death rate attributable to tobacco | - | - | 0 | 1 | 4 | 0 | - | - | - | 4 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | | | 11 | 16 | 14 | 14 | | | | 25 | 25 | 25 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 3 | 14 | 36 | 435 | 25 | - | 1 | 3 | 36 | 655 | 47 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 8 | 83 | 5 | - | 0 | 1 | 15 | 254 | 18 |
| Proportion of deaths attributable to tobacco (%) | 30 | 17 | 15 | 21 | 19 | 19 | | 33 | 40 | 40 | 39 | 39 |
| <u>Death rate: Noncommunicable diseases</u> | 48 | 300 | 1,076 | 3,530 | 11,332 | 1,063 | 58 | 210 | 726 | 1,961 | 9,906 | 1,024 |
| Death rate attributable to tobacco | 18 | 84 | 228 | 727 | 1,093 | 179 | 8 | 54 | 272 | 555 | 1,469 | 208 |
| Proportion of deaths attributable to tobacco (%) | 38 | 28 | 21 | 21 | 10 | 17 | 14 | 26 | 38 | 28 | 15 | 20 |
| <u>Death rate: All malignant neoplasms</u> | 18 | 124 | 440 | 1,286 | 2,555 | 332 | 29 | 159 | 443 | 811 | 1,600 | 307 |
| Death rate attributable to tobacco | 5 | 39 | 132 | 398 | 510 | 91 | 3 | 36 | 157 | 256 | 349 | 82 |
| Proportion of deaths attributable to tobacco (%) | 31 | 32 | 30 | 31 | 20 | 27 | 10 | 23 | 35 | 32 | 22 | 27 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 34 | 109 | 317 | 343 | 71 | 4 | 38 | 145 | 220 | 236 | 71 |
| Death rate attributable to tobacco | 3 | 27 | 91 | 286 | 301 | 61 | 3 | 31 | 128 | 190 | 195 | 60 |
| Proportion of deaths attributable to tobacco (%) | 67 | 79 | 84 | 90 | 88 | 86 | 62 | 82 | 89 | 86 | 83 | 85 |
| <u>Death rate: All other malignant neoplasms</u> | 12 | 90 | 331 | 969 | 2,212 | 261 | 25 | 121 | 299 | 591 | 1,365 | 237 |
| Death rate attributable to tobacco | 2 | 13 | 41 | 113 | 210 | 30 | 0 | 5 | 29 | 66 | 154 | 22 |
| Proportion of deaths attributable to tobacco (%) | 15 | 14 | 12 | 12 | 9 | 11 | 2 | 4 | 10 | 11 | 11 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 20 | 122 | 471 | 1,563 | 6,057 | 509 | 13 | 29 | 146 | 615 | 5,421 | 446 |
| Death rate attributable to tobacco | 13 | 40 | 71 | 186 | 89 | 49 | 5 | 16 | 70 | 188 | 715 | 82 |
| Proportion of deaths attributable to tobacco (%) | 64 | 33 | 15 | 12 | 1 | 10 | 39 | 55 | 48 | 31 | 13 | 18 |
| <u>Death rate: Ischaemic heart disease</u> | 9 | 89 | 324 | 1,026 | 3,417 | 314 | 4 | 23 | 89 | 289 | 2,323 | 200 |
| Death rate attributable to tobacco | 6 | 28 | 46 | 119 | 47 | 31 | 1 | 12 | 41 | 78 | 389 | 43 |
| Proportion of deaths attributable to tobacco (%) | 69 | 32 | 14 | 12 | 1 | 10 | 29 | 54 | 46 | 27 | 17 | 21 |
| <u>Death rate: Cerebrovascular disease</u> | 6 | 11 | 49 | 271 | 1,253 | 91 | 4 | 3 | 33 | 179 | 1,513 | 123 |
| Death rate attributable to tobacco | 3 | 4 | 7 | 28 | 17 | 7 | 2 | 2 | 17 | 62 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 51 | 33 | 14 | 10 | 1 | 7 | 55 | 60 | 50 | 34 | - | 8 |
| <u>Death rate: Other cardiovascular diseases</u> | 5 | 22 | 98 | 266 | 1,387 | 105 | 4 | 4 | 24 | 146 | 1,585 | 123 |
| Death rate attributable to tobacco | 3 | 8 | 17 | 39 | 25 | 11 | 2 | 2 | 13 | 47 | 325 | 29 |
| Proportion of deaths attributable to tobacco (%) | 74 | 38 | 18 | 15 | 2 | 10 | 35 | 60 | 53 | 32 | 21 | 23 |
| <u>Death rate: Respiratory diseases</u> | - | 9 | 45 | 207 | 728 | 59 | - | 3 | 56 | 135 | 504 | 55 |
| Death rate attributable to tobacco | - | 4 | 24 | 137 | 477 | 37 | - | 2 | 44 | 107 | 387 | 42 |
| Proportion of deaths attributable to tobacco (%) | | 47 | 54 | 66 | 65 | 64 | | 58 | 78 | 79 | 77 | 77 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 5 | 35 | 174 | 637 | 49 | - | 1 | 46 | 114 | 408 | 44 |
| Death rate attributable to tobacco | - | 4 | 23 | 130 | 459 | 36 | - | 1 | 40 | 98 | 350 | 38 |
| Proportion of deaths attributable to tobacco (%) | | 69 | 65 | 75 | 72 | 72 | | 82 | 86 | 86 | 86 | 86 |
| <u>Death rate: Other respiratory diseases</u> | - | 4 | 10 | 33 | 91 | 10 | - | 1 | 10 | 22 | 96 | 10 |
| Death rate attributable to tobacco | - | 1 | 1 | 7 | 17 | 2 | - | 0 | 4 | 9 | 37 | 4 |
| Proportion of deaths attributable to tobacco (%) | | 17 | 15 | 21 | 19 | 19 | | 33 | 40 | 40 | 39 | 39 |

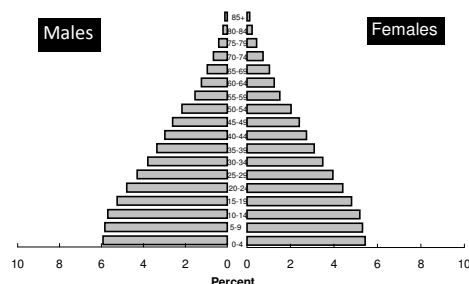
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

India

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|------------------|
| 0-29 | 355,295 | 325,340 | 680,635 |
| 30-44 | 113,135 | 104,019 | 217,154 |
| 45-59 | 70,473 | 66,224 | 136,697 |
| 60-69 | 24,483 | 25,484 | 49,967 |
| 70-79 | 11,927 | 13,153 | 25,080 |
| 80+ | 3,543 | 3,909 | 7,452 |
| Total | 578,855 | 538,130 | 1,116,985 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1096 per 100,000 population) was about 3.3 times that for communicable diseases (336 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 329 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 16 deaths per 100,000 population but with 58% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (206 per 100,000 men aged 30 years and over) compared with women (13 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 12% for men and 1% for women.

- Among those who died prematurely, almost one in every 28 deaths among those aged 30-44 and one in 12 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.8% of those whose death was due to a lower respiratory infection, 10.9% of deaths due to the category of 'all cardiovascular diseases combined', and 51.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 406 | 1,109 | 3,388 | 7,225 | 13,742 | 1,587 |
| Death rate attributable to tobacco | 14 | 96 | 330 | 403 | 790 | 112 |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 10 | 6 | 6 | 7 |
| Death rate: Communicable diseases | 152 | 230 | 612 | 1,289 | 2,619 | 336 |
| Death rate attributable to tobacco | 2 | 4 | 23 | 30 | 92 | 8 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 4 | 2 | 4 | 2 |
| Death rate: Tuberculosis | 35 | 68 | 103 | 96 | 73 | 58 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 3 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 5 | 3 | 6 | 4 |
| Death rate: Lower respiratory infections | 24 | 28 | 315 | 754 | 1,550 | 127 |
| Death rate attributable to tobacco | 1 | 1 | 17 | 26 | 86 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 5 | 3 | 6 | 5 |
| Death rate: Noncommunicable diseases | 133 | 739 | 2,597 | 5,603 | 10,456 | 1,096 |
| Death rate attributable to tobacco | 13 | 92 | 307 | 373 | 698 | 104 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 12 | 7 | 7 | 9 |
| Death rate: All malignant neoplasms | 25 | 124 | 378 | 631 | 1,552 | 157 |
| Death rate attributable to tobacco | 3 | 23 | 95 | 125 | 305 | 32 |
| Proportion of deaths attributable to tobacco (%) | 10 | 19 | 25 | 20 | 20 | 20 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 12 | 47 | 69 | 122 | 16 |
| Death rate attributable to tobacco | 0 | 6 | 31 | 39 | 79 | 9 |
| Proportion of deaths attributable to tobacco (%) | 18 | 52 | 66 | 56 | 65 | 58 |
| Death rate: All other malignant neoplasms | 24 | 112 | 331 | 562 | 1,430 | 141 |
| Death rate attributable to tobacco | 2 | 17 | 64 | 86 | 226 | 23 |
| Proportion of deaths attributable to tobacco (%) | 9 | 15 | 19 | 15 | 16 | 16 |
| Death rate: All Cardiovascular diseases | 54 | 354 | 1,438 | 3,215 | 6,079 | 591 |
| Death rate attributable to tobacco | 9 | 39 | 78 | 53 | 25 | 29 |
| Proportion of deaths attributable to tobacco (%) | 16 | 11 | 5 | 2 | 0 | 5 |
| Death rate: Ischaemic heart disease | 31 | 219 | 827 | 1,701 | 3,026 | 329 |
| Death rate attributable to tobacco | 5 | 25 | 46 | 30 | 14 | 17 |
| Proportion of deaths attributable to tobacco (%) | 16 | 11 | 6 | 2 | 0 | 5 |
| Death rate: Cerebrovascular disease | 6 | 75 | 421 | 1,003 | 1,931 | 165 |
| Death rate attributable to tobacco | 1 | 8 | 22 | 14 | 6 | 6 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 5 | 1 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 17 | 59 | 190 | 512 | 1,121 | 97 |
| Death rate attributable to tobacco | 3 | 6 | 11 | 8 | 5 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 10 | 6 | 2 | 0 | 5 |
| Death rate: Respiratory diseases | 13 | 121 | 457 | 922 | 1,282 | 172 |
| Death rate attributable to tobacco | 1 | 29 | 131 | 192 | 355 | 42 |
| Proportion of deaths attributable to tobacco (%) | 11 | 24 | 29 | 21 | 28 | 25 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 97 | 412 | 804 | 1,100 | 145 |
| Death rate attributable to tobacco | 1 | 28 | 129 | 188 | 344 | 41 |
| Proportion of deaths attributable to tobacco (%) | 23 | 29 | 31 | 23 | 31 | 28 |
| Death rate: Other respiratory diseases | 8 | 24 | 45 | 118 | 182 | 27 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 4 | 11 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 5 | 4 | 6 | 4 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 482 | 1,324 | 3,826 | 7,669 | 14,385 | 1,717 | 324 | 880 | 2,967 | 6,822 | 13,160 | 1,451 |
| Death rate attributable to tobacco | 27 | 180 | 647 | 791 | 1,435 | 206 | 1 | 6 | 26 | 51 | 205 | 13 |
| Proportion of deaths attributable to tobacco (%) | 6 | 14 | 17 | 10 | 10 | 12 | 0 | 1 | 1 | 1 | 2 | 1 |
| <u>Death rate: Communicable diseases</u> | 164 | 287 | 686 | 1,395 | 2,692 | 366 | 138 | 169 | 540 | 1,193 | 2,553 | 305 |
| Death rate attributable to tobacco | 4 | 8 | 47 | 62 | 186 | 16 | - | - | - | - | 7 | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 7 | 4 | 7 | 4 | - | - | - | - | 0 | 0 |
| <u>Death rate: Tuberculosis</u> | 41 | 92 | 156 | 143 | 113 | 76 | 29 | 43 | 53 | 53 | 36 | 38 |
| Death rate attributable to tobacco | 2 | 5 | 11 | 7 | 9 | 4 | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 7 | 5 | 8 | 6 | - | - | - | - | 0 | 0 |
| <u>Death rate: Lower respiratory infections</u> | 28 | 33 | 353 | 803 | 1,573 | 131 | 20 | 23 | 279 | 710 | 1,529 | 122 |
| Death rate attributable to tobacco | 2 | 3 | 35 | 54 | 173 | 11 | - | - | - | - | 7 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 10 | 7 | 11 | 9 | - | - | - | - | 0 | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 153 | 867 | 2,945 | 5,913 | 10,922 | 1,162 | 112 | 603 | 2,263 | 5,322 | 10,035 | 1,027 |
| Death rate attributable to tobacco | 23 | 172 | 600 | 729 | 1,250 | 190 | 1 | 6 | 26 | 51 | 198 | 12 |
| Proportion of deaths attributable to tobacco (%) | 15 | 20 | 20 | 12 | 11 | 16 | 1 | 1 | 1 | 1 | 2 | 1 |
| <u>Death rate: All malignant neoplasms</u> | 25 | 119 | 427 | 686 | 1,626 | 159 | 26 | 128 | 331 | 582 | 1,486 | 156 |
| Death rate attributable to tobacco | 4 | 39 | 167 | 208 | 480 | 51 | 1 | 6 | 26 | 51 | 147 | 11 |
| Proportion of deaths attributable to tobacco (%) | 16 | 32 | 39 | 30 | 30 | 32 | 4 | 5 | 8 | 9 | 10 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 19 | 82 | 116 | 210 | 26 | 1 | 4 | 14 | 27 | 43 | 6 |
| Death rate attributable to tobacco | 1 | 12 | 64 | 83 | 165 | 18 | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 24 | 61 | 77 | 71 | 79 | 70 | - | - | - | - | 3 | 0 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 100 | 344 | 570 | 1,416 | 133 | 25 | 125 | 318 | 554 | 1,443 | 150 |
| Death rate attributable to tobacco | 3 | 27 | 104 | 125 | 315 | 33 | 1 | 6 | 26 | 51 | 145 | 11 |
| Proportion of deaths attributable to tobacco (%) | 15 | 27 | 30 | 22 | 22 | 25 | 4 | 5 | 8 | 9 | 10 | 8 |
| <u>Death rate: All Cardiovascular diseases</u> | 64 | 437 | 1,617 | 3,266 | 6,050 | 617 | 43 | 264 | 1,266 | 3,169 | 6,105 | 563 |
| Death rate attributable to tobacco | 16 | 75 | 160 | 112 | 46 | 56 | - | - | - | - | 7 | 0 |
| Proportion of deaths attributable to tobacco (%) | 26 | 17 | 10 | 3 | 1 | 9 | - | - | - | - | 0 | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 37 | 289 | 966 | 1,862 | 3,330 | 368 | 25 | 145 | 694 | 1,554 | 2,751 | 287 |
| Death rate attributable to tobacco | 10 | 48 | 93 | 64 | 24 | 34 | - | - | - | - | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | 26 | 16 | 10 | 3 | 1 | 9 | - | - | - | - | 0 | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 7 | 89 | 466 | 995 | 1,799 | 165 | 4 | 60 | 377 | 1,010 | 2,051 | 166 |
| Death rate attributable to tobacco | 1 | 15 | 45 | 30 | 13 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 14 | 17 | 10 | 3 | 1 | 7 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 59 | 185 | 409 | 921 | 85 | 14 | 59 | 195 | 605 | 1,303 | 110 |
| Death rate attributable to tobacco | 6 | 12 | 22 | 18 | 9 | 10 | - | - | - | - | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | 31 | 20 | 12 | 4 | 1 | 12 | - | - | - | - | 0 | 0 |
| <u>Death rate: Respiratory diseases</u> | 13 | 139 | 531 | 1,029 | 1,391 | 186 | 12 | 102 | 386 | 825 | 1,184 | 157 |
| Death rate attributable to tobacco | 3 | 57 | 268 | 404 | 699 | 81 | - | - | - | - | 44 | 1 |
| Proportion of deaths attributable to tobacco (%) | 20 | 41 | 50 | 39 | 50 | 44 | - | - | - | - | 4 | 1 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 113 | 484 | 895 | 1,178 | 157 | 5 | 81 | 343 | 722 | 1,029 | 132 |
| Death rate attributable to tobacco | 2 | 55 | 263 | 394 | 676 | 79 | - | - | - | - | 43 | 1 |
| Proportion of deaths attributable to tobacco (%) | 43 | 49 | 54 | 44 | 57 | 50 | - | - | - | - | 4 | 1 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 26 | 47 | 135 | 213 | 28 | 8 | 22 | 43 | 103 | 154 | 25 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 9 | 23 | 2 | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 10 | 7 | 11 | 8 | - | - | - | - | 0 | 0 |

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

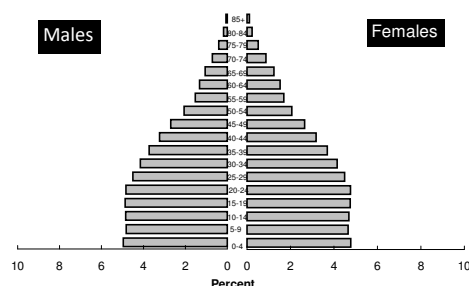
Note 4: For additional discussion on smokeless tobacco please refer to strengths and limitations section of the Technical Note

Indonesia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 64,382 | 62,721 | 127,103 |
| 30-44 | 24,797 | 24,615 | 49,412 |
| 45-59 | 14,055 | 14,290 | 28,345 |
| 60-69 | 5,289 | 6,151 | 11,440 |
| 70-79 | 2,495 | 3,120 | 5,615 |
| 80+ | 540 | 769 | 1,309 |
| Total | 111,558 | 111,667 | 223,225 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1017 per 100,000 population) was about 3.4 times that for communicable diseases (302 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 12% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 240 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 37 deaths per 100,000 population but with 80% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 20% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (317 per 100,000 men aged 30 years and over) compared with women (176 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 20% for men and 12% for women.

- Among those who died prematurely, almost one in every 9 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 16% of those whose death was due to a lower respiratory infection, 30.1% of deaths due to the category of 'all cardiovascular diseases combined', and 72.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 463 | 1,185 | 3,035 | 6,802 | 16,331 | 1,569 |
| Death rate attributable to tobacco | 53 | 185 | 605 | 1,065 | 2,150 | 245 |
| Proportion of deaths attributable to tobacco (%) | 11 | 16 | 20 | 16 | 13 | 16 |
| Death rate: Communicable diseases | 136 | 214 | 475 | 1,140 | 3,353 | 302 |
| Death rate attributable to tobacco | 15 | 21 | 70 | 131 | 481 | 36 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 15 | 11 | 14 | 12 |
| Death rate: Tuberculosis | 61 | 89 | 86 | 101 | 128 | 76 |
| Death rate attributable to tobacco | 10 | 11 | 14 | 14 | 20 | 11 |
| Proportion of deaths attributable to tobacco (%) | 16 | 12 | 16 | 14 | 15 | 15 |
| Death rate: Lower respiratory infections | 22 | 62 | 276 | 618 | 1,968 | 125 |
| Death rate attributable to tobacco | 5 | 10 | 56 | 116 | 454 | 25 |
| Proportion of deaths attributable to tobacco (%) | 23 | 16 | 20 | 19 | 23 | 20 |
| Death rate: Noncommunicable diseases | 147 | 713 | 2,222 | 5,174 | 12,093 | 1,017 |
| Death rate attributable to tobacco | 37 | 164 | 535 | 935 | 1,669 | 209 |
| Proportion of deaths attributable to tobacco (%) | 26 | 23 | 24 | 18 | 14 | 21 |
| Death rate: All malignant neoplasms | 36 | 175 | 486 | 818 | 1,705 | 199 |
| Death rate attributable to tobacco | 6 | 34 | 144 | 221 | 341 | 48 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 30 | 27 | 20 | 24 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 26 | 113 | 183 | 244 | 37 |
| Death rate attributable to tobacco | 2 | 19 | 96 | 153 | 203 | 30 |
| Proportion of deaths attributable to tobacco (%) | 59 | 73 | 85 | 83 | 83 | 80 |
| Death rate: All other malignant neoplasms | 32 | 149 | 374 | 635 | 1,461 | 162 |
| Death rate attributable to tobacco | 4 | 15 | 48 | 68 | 137 | 18 |
| Proportion of deaths attributable to tobacco (%) | 12 | 10 | 13 | 11 | 9 | 11 |
| Death rate: All Cardiovascular diseases | 55 | 302 | 1,106 | 2,803 | 6,668 | 504 |
| Death rate attributable to tobacco | 26 | 91 | 244 | 327 | 307 | 93 |
| Proportion of deaths attributable to tobacco (%) | 48 | 30 | 22 | 12 | 5 | 18 |
| Death rate: Ischaemic heart disease | 26 | 153 | 570 | 1,301 | 2,762 | 240 |
| Death rate attributable to tobacco | 12 | 45 | 120 | 140 | 156 | 44 |
| Proportion of deaths attributable to tobacco (%) | 47 | 29 | 21 | 11 | 6 | 18 |
| Death rate: Cerebrovascular disease | 8 | 65 | 290 | 833 | 2,087 | 135 |
| Death rate attributable to tobacco | 4 | 20 | 64 | 102 | 13 | 22 |
| Proportion of deaths attributable to tobacco (%) | 46 | 31 | 22 | 12 | 1 | 16 |
| Death rate: Other cardiovascular diseases | 21 | 83 | 246 | 669 | 1,818 | 129 |
| Death rate attributable to tobacco | 10 | 26 | 60 | 86 | 139 | 27 |
| Proportion of deaths attributable to tobacco (%) | 49 | 31 | 24 | 13 | 8 | 21 |
| Death rate: Respiratory diseases | 12 | 78 | 230 | 630 | 1,649 | 116 |
| Death rate attributable to tobacco | 4 | 37 | 136 | 364 | 971 | 64 |
| Proportion of deaths attributable to tobacco (%) | 37 | 47 | 59 | 58 | 59 | 55 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 54 | 173 | 476 | 1,135 | 81 |
| Death rate attributable to tobacco | 2 | 33 | 124 | 335 | 852 | 57 |
| Proportion of deaths attributable to tobacco (%) | 77 | 62 | 72 | 70 | 75 | 70 |
| Death rate: Other respiratory diseases | 9 | 24 | 57 | 154 | 515 | 35 |
| Death rate attributable to tobacco | 2 | 4 | 12 | 29 | 119 | 7 |
| Proportion of deaths attributable to tobacco (%) | 25 | 15 | 20 | 19 | 23 | 20 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 480 | 1,269 | 3,456 | 7,611 | 17,451 | 1,620 | 446 | 1,103 | 2,673 | 6,156 | 15,544 | 1,519 |
| Death rate attributable to tobacco | 66 | 265 | 880 | 1,422 | 2,549 | 317 | 39 | 105 | 369 | 781 | 1,869 | 176 |
| Proportion of deaths attributable to tobacco (%) | 14 | 21 | 25 | 19 | 15 | 20 | 9 | 10 | 14 | 13 | 12 | 12 |
| <u>Death rate: Communicable diseases</u> | 129 | 235 | 547 | 1,308 | 3,667 | 310 | 142 | 193 | 413 | 1,006 | 3,132 | 293 |
| Death rate attributable to tobacco | 19 | 35 | 112 | 170 | 490 | 47 | 12 | 6 | 34 | 100 | 474 | 26 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 20 | 13 | 13 | 15 | 8 | 3 | 8 | 10 | 15 | 9 |
| <u>Death rate: Tuberculosis</u> | 71 | 135 | 147 | 171 | 210 | 106 | 51 | 44 | 33 | 45 | 69 | 47 |
| Death rate attributable to tobacco | 11 | 19 | 26 | 26 | 34 | 16 | 9 | 2 | 3 | 4 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | 16 | 14 | 18 | 15 | 16 | 15 | 17 | 5 | 8 | 10 | 14 | 13 |
| <u>Death rate: Lower respiratory infections</u> | 35 | 84 | 354 | 701 | 2,046 | 143 | 9 | 41 | 210 | 553 | 1,913 | 108 |
| Death rate attributable to tobacco | 7 | 16 | 85 | 142 | 447 | 31 | 3 | 4 | 31 | 94 | 459 | 20 |
| Proportion of deaths attributable to tobacco (%) | 21 | 19 | 24 | 20 | 22 | 21 | 29 | 10 | 15 | 17 | 24 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 152 | 758 | 2,548 | 5,771 | 12,830 | 1,044 | 141 | 670 | 1,942 | 4,696 | 11,575 | 992 |
| Death rate attributable to tobacco | 48 | 230 | 768 | 1,252 | 2,059 | 270 | 27 | 99 | 334 | 681 | 1,395 | 150 |
| Proportion of deaths attributable to tobacco (%) | 31 | 30 | 30 | 22 | 16 | 26 | 19 | 15 | 17 | 15 | 12 | 15 |
| <u>Death rate: All malignant neoplasms</u> | 29 | 164 | 585 | 1,025 | 1,736 | 204 | 42 | 185 | 401 | 652 | 1,683 | 194 |
| Death rate attributable to tobacco | 8 | 57 | 255 | 389 | 555 | 77 | 5 | 11 | 48 | 86 | 190 | 20 |
| Proportion of deaths attributable to tobacco (%) | 26 | 35 | 44 | 38 | 32 | 38 | 11 | 6 | 12 | 13 | 11 | 10 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 38 | 186 | 301 | 396 | 55 | 4 | 13 | 50 | 89 | 138 | 20 |
| Death rate attributable to tobacco | 2 | 31 | 168 | 270 | 354 | 48 | 3 | 7 | 33 | 59 | 97 | 13 |
| Proportion of deaths attributable to tobacco (%) | 56 | 81 | 91 | 90 | 89 | 87 | 62 | 50 | 67 | 67 | 71 | 63 |
| <u>Death rate: All other malignant neoplasms</u> | 25 | 126 | 399 | 724 | 1,340 | 149 | 38 | 172 | 352 | 563 | 1,545 | 174 |
| Death rate attributable to tobacco | 5 | 26 | 87 | 119 | 201 | 29 | 2 | 5 | 14 | 27 | 93 | 7 |
| Proportion of deaths attributable to tobacco (%) | 21 | 21 | 22 | 16 | 15 | 19 | 6 | 3 | 4 | 5 | 6 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 63 | 343 | 1,236 | 2,940 | 6,706 | 506 | 48 | 261 | 995 | 2,693 | 6,641 | 501 |
| Death rate attributable to tobacco | 35 | 124 | 300 | 329 | 115 | 108 | 17 | 58 | 196 | 326 | 442 | 78 |
| Proportion of deaths attributable to tobacco (%) | 56 | 36 | 24 | 11 | 2 | 21 | 36 | 22 | 20 | 12 | 7 | 16 |
| <u>Death rate: Ischaemic heart disease</u> | 33 | 191 | 665 | 1,507 | 3,110 | 264 | 20 | 116 | 488 | 1,135 | 2,518 | 217 |
| Death rate attributable to tobacco | 19 | 67 | 157 | 167 | 50 | 57 | 6 | 23 | 88 | 118 | 230 | 32 |
| Proportion of deaths attributable to tobacco (%) | 57 | 35 | 24 | 11 | 2 | 21 | 30 | 20 | 18 | 10 | 9 | 15 |
| <u>Death rate: Cerebrovascular disease</u> | 9 | 71 | 317 | 826 | 1,909 | 127 | 7 | 59 | 267 | 838 | 2,212 | 143 |
| Death rate attributable to tobacco | 4 | 25 | 74 | 82 | 31 | 22 | 4 | 14 | 56 | 118 | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 39 | 36 | 23 | 10 | 2 | 18 | 55 | 24 | 21 | 14 | - | 14 |
| <u>Death rate: Other cardiovascular diseases</u> | 21 | 82 | 254 | 606 | 1,687 | 115 | 21 | 85 | 239 | 719 | 1,910 | 141 |
| Death rate attributable to tobacco | 13 | 32 | 69 | 80 | 34 | 29 | 7 | 20 | 51 | 91 | 212 | 25 |
| Proportion of deaths attributable to tobacco (%) | 63 | 40 | 27 | 13 | 2 | 25 | 35 | 24 | 21 | 13 | 11 | 18 |
| <u>Death rate: Respiratory diseases</u> | 12 | 83 | 305 | 831 | 2,162 | 134 | 11 | 74 | 166 | 470 | 1,290 | 98 |
| Death rate attributable to tobacco | 4 | 46 | 198 | 509 | 1,332 | 80 | 5 | 28 | 82 | 249 | 717 | 48 |
| Proportion of deaths attributable to tobacco (%) | 33 | 55 | 65 | 61 | 62 | 60 | 43 | 38 | 49 | 53 | 56 | 49 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 56 | 234 | 639 | 1,610 | 97 | 3 | 51 | 121 | 345 | 801 | 66 |
| Death rate attributable to tobacco | 2 | 41 | 181 | 470 | 1,211 | 72 | 2 | 26 | 75 | 228 | 600 | 42 |
| Proportion of deaths attributable to tobacco (%) | 75 | 72 | 77 | 74 | 75 | 75 | 79 | 50 | 62 | 66 | 75 | 64 |
| <u>Death rate: Other respiratory diseases</u> | 10 | 26 | 71 | 192 | 552 | 37 | 8 | 22 | 45 | 124 | 488 | 32 |
| Death rate attributable to tobacco | 2 | 5 | 17 | 39 | 120 | 8 | 2 | 2 | 7 | 21 | 117 | 6 |
| Proportion of deaths attributable to tobacco (%) | 21 | 19 | 24 | 20 | 22 | 21 | 29 | 10 | 15 | 17 | 24 | 18 |

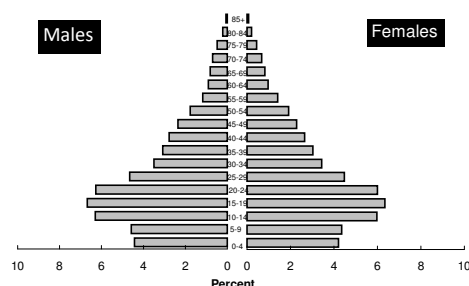
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Iran (Islamic Republic of)

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 22,595 | 21,542 | 44,137 |
| 30-44 | 6,417 | 6,252 | 12,670 |
| 45-59 | 3,640 | 3,848 | 7,488 |
| 60-69 | 1,173 | 1,231 | 2,404 |
| 70-79 | 816 | 770 | 1,586 |
| 80+ | 191 | 193 | 384 |
| Total | 34,832 | 33,837 | 68,669 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1010 per 100,000 population) was about 22.2 times that for communicable diseases (46 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 331 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 13 deaths per 100,000 population but with 53% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (96 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 219 | 707 | 2,278 | 5,981 | 14,842 | 1,171 |
| Death rate attributable to tobacco | - | 35 | 144 | 274 | 336 | 48 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 5 | 2 | 4 |
| Death rate: Communicable diseases | 22 | 28 | 63 | 172 | 533 | 46 |
| Death rate attributable to tobacco | - | 0 | 1 | 5 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 3 | 3 | 2 |
| Death rate: Tuberculosis | 3 | 6 | 7 | 12 | 19 | 5 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 4 | 3 | 2 |
| Death rate: Lower respiratory infections | 1 | 6 | 25 | 96 | 337 | 16 |
| Death rate attributable to tobacco | - | 0 | 1 | 5 | 13 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 5 | 4 | 4 |
| Death rate: Noncommunicable diseases | 123 | 565 | 2,029 | 5,539 | 13,836 | 1,010 |
| Death rate attributable to tobacco | - | 34 | 143 | 269 | 323 | 47 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 5 | 2 | 5 |
| Death rate: All malignant neoplasms | 28 | 127 | 405 | 809 | 1,284 | 165 |
| Death rate attributable to tobacco | - | 10 | 63 | 125 | 154 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 16 | 15 | 12 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 38 | 75 | 84 | 13 |
| Death rate attributable to tobacco | - | 3 | 23 | 47 | 50 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 61 | 62 | 60 | 53 |
| Death rate: All other malignant neoplasms | 27 | 118 | 367 | 734 | 1,201 | 152 |
| Death rate attributable to tobacco | - | 7 | 40 | 79 | 103 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 11 | 11 | 9 | 8 |
| Death rate: All Cardiovascular diseases | 46 | 314 | 1,273 | 3,793 | 9,820 | 643 |
| Death rate attributable to tobacco | - | 22 | 62 | 87 | 24 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 5 | 2 | 0 | 3 |
| Death rate: Ischaemic heart disease | 25 | 176 | 688 | 1,914 | 4,656 | 331 |
| Death rate attributable to tobacco | - | 12 | 34 | 45 | 11 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 5 | 2 | 0 | 3 |
| Death rate: Cerebrovascular disease | 9 | 62 | 282 | 984 | 2,757 | 158 |
| Death rate attributable to tobacco | - | 3 | 12 | 19 | 6 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 2 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 12 | 77 | 302 | 896 | 2,407 | 155 |
| Death rate attributable to tobacco | - | 6 | 16 | 23 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 5 | 3 | 0 | 3 |
| Death rate: Respiratory diseases | 6 | 26 | 113 | 364 | 986 | 61 |
| Death rate attributable to tobacco | - | 3 | 16 | 54 | 140 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 14 | 15 | 14 | 13 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 9 | 42 | 140 | 433 | 24 |
| Death rate attributable to tobacco | - | 2 | 13 | 43 | 117 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 30 | 31 | 27 | 27 |
| Death rate: Other respiratory diseases | 4 | 17 | 71 | 224 | 554 | 37 |
| Death rate attributable to tobacco | - | 0 | 4 | 11 | 23 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 5 | 4 | 4 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 266 | 876 | 2,845 | 6,867 | 15,864 | 1,378 | 171 | 547 | 1,738 | 5,041 | 13,832 | 965 |
| Death rate attributable to tobacco | - | 71 | 295 | 532 | 677 | 96 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 8 | 4 | 7 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 18 | 33 | 74 | 203 | 575 | 49 | 27 | 22 | 53 | 140 | 491 | 42 |
| Death rate attributable to tobacco | - | 1 | 3 | 10 | 28 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 5 | 5 | 3 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 3 | 8 | 10 | 15 | 25 | 6 | 4 | 5 | 4 | 9 | 13 | 5 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 1 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 6 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 1 | 6 | 26 | 114 | 359 | 18 | 0 | 6 | 23 | 77 | 316 | 14 |
| Death rate attributable to tobacco | - | 0 | 2 | 9 | 27 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 8 | 7 | 7 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 141 | 663 | 2,477 | 6,277 | 14,655 | 1,156 | 105 | 473 | 1,602 | 4,757 | 13,027 | 864 |
| Death rate attributable to tobacco | - | 71 | 293 | 522 | 649 | 94 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 12 | 8 | 4 | 8 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 22 | 131 | 534 | 1,085 | 1,747 | 202 | 34 | 124 | 281 | 517 | 827 | 129 |
| Death rate attributable to tobacco | - | 21 | 129 | 243 | 309 | 40 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 24 | 22 | 18 | 20 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 14 | 65 | 121 | 144 | 22 | 1 | 4 | 12 | 26 | 24 | 5 |
| Death rate attributable to tobacco | - | 7 | 47 | 90 | 102 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 50 | 73 | 74 | 71 | 66 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 21 | 117 | 470 | 964 | 1,603 | 180 | 32 | 119 | 269 | 491 | 803 | 124 |
| Death rate attributable to tobacco | - | 14 | 82 | 153 | 207 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 17 | 16 | 13 | 14 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 53 | 379 | 1,527 | 4,133 | 9,919 | 717 | 39 | 254 | 1,030 | 3,434 | 9,723 | 570 |
| Death rate attributable to tobacco | - | 44 | 128 | 169 | 49 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 8 | 4 | 0 | 5 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 32 | 231 | 867 | 2,180 | 4,889 | 390 | 18 | 125 | 518 | 1,632 | 4,427 | 272 |
| Death rate attributable to tobacco | - | 26 | 69 | 87 | 23 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 8 | 4 | 0 | 5 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 61 | 319 | 1,029 | 2,737 | 164 | 9 | 62 | 247 | 936 | 2,778 | 151 |
| Death rate attributable to tobacco | - | 7 | 25 | 36 | 13 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 8 | 4 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 13 | 87 | 341 | 924 | 2,293 | 163 | 11 | 66 | 265 | 866 | 2,519 | 147 |
| Death rate attributable to tobacco | - | 12 | 33 | 46 | 14 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 10 | 5 | 1 | 6 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 6 | 30 | 141 | 442 | 1,134 | 73 | 5 | 22 | 86 | 281 | 841 | 49 |
| Death rate attributable to tobacco | - | 5 | 33 | 105 | 282 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 24 | 24 | 25 | 22 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 11 | 53 | 173 | 505 | 29 | 2 | 7 | 31 | 104 | 362 | 18 |
| Death rate attributable to tobacco | - | 4 | 26 | 83 | 235 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 49 | 48 | 47 | 45 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 4 | 19 | 88 | 269 | 630 | 44 | 4 | 15 | 55 | 177 | 479 | 31 |
| Death rate attributable to tobacco | - | 1 | 7 | 21 | 47 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 8 | 7 | 7 | - | - | - | - | - | - |

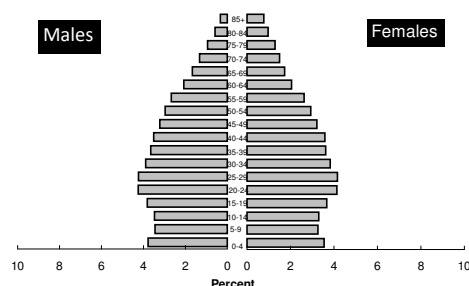
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Ireland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 935 | 898 | 1,834 |
| 30-44 | 449 | 449 | 898 |
| 45-59 | 361 | 356 | 717 |
| 60-69 | 152 | 154 | 306 |
| 70-79 | 93 | 113 | 206 |
| 80+ | 37 | 71 | 108 |
| Total | 2,027 | 2,041 | 4,068 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1150 per 100,000 population) was about 11.1 times that for communicable diseases (103 per 100,000). Tobacco was responsible for 22% of all NCDs compared with 29% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 264 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 76 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 31% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (301 per 100,000 men aged 30 years and over) compared with women (267 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 22% for women.

- Among those who died prematurely, almost one in every 32 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 20.7% of those whose death was due to a lower respiratory infection, 38.7% of deaths due to the category of 'all cardiovascular diseases combined', and 78% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 101 | 397 | 1,361 | 3,890 | 12,093 | 1,296 |
| Death rate attributable to tobacco | 3 | 92 | 393 | 1,071 | 2,074 | 284 |
| Proportion of deaths attributable to tobacco (%) | 3 | 23 | 29 | 28 | 17 | 22 |
| Death rate: Communicable diseases | 5 | 15 | 47 | 240 | 1,411 | 103 |
| Death rate attributable to tobacco | 0 | 2 | 11 | 72 | 429 | 30 |
| Proportion of deaths attributable to tobacco (%) | 2 | 15 | 23 | 30 | 30 | 29 |
| Death rate: Tuberculosis | 0 | 0 | 2 | 9 | 10 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 2 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 14 | 19 | 23 | 21 | 20 |
| Death rate: Lower respiratory infections | 1 | 10 | 38 | 212 | 1,339 | 93 |
| Death rate attributable to tobacco | 0 | 2 | 11 | 70 | 427 | 29 |
| Proportion of deaths attributable to tobacco (%) | 6 | 21 | 28 | 33 | 32 | 31 |
| Death rate: Noncommunicable diseases | 66 | 348 | 1,274 | 3,593 | 10,490 | 1,150 |
| Death rate attributable to tobacco | 3 | 90 | 382 | 999 | 1,645 | 254 |
| Proportion of deaths attributable to tobacco (%) | 5 | 26 | 30 | 28 | 16 | 22 |
| Death rate: All malignant neoplasms | 27 | 168 | 594 | 1,290 | 2,131 | 368 |
| Death rate attributable to tobacco | 1 | 39 | 196 | 429 | 467 | 102 |
| Proportion of deaths attributable to tobacco (%) | 4 | 23 | 33 | 33 | 22 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 32 | 153 | 317 | 305 | 76 |
| Death rate attributable to tobacco | 0 | 25 | 136 | 287 | 264 | 66 |
| Proportion of deaths attributable to tobacco (%) | 22 | 78 | 89 | 90 | 87 | 87 |
| Death rate: All other malignant neoplasms | 25 | 136 | 441 | 973 | 1,826 | 292 |
| Death rate attributable to tobacco | 1 | 14 | 60 | 143 | 203 | 36 |
| Proportion of deaths attributable to tobacco (%) | 2 | 10 | 14 | 15 | 11 | 12 |
| Death rate: All Cardiovascular diseases | 17 | 119 | 442 | 1,477 | 5,474 | 506 |
| Death rate attributable to tobacco | 2 | 46 | 132 | 328 | 467 | 86 |
| Proportion of deaths attributable to tobacco (%) | 11 | 39 | 30 | 22 | 9 | 17 |
| Death rate: Ischaemic heart disease | 7 | 69 | 265 | 806 | 2,670 | 264 |
| Death rate attributable to tobacco | 1 | 25 | 73 | 161 | 259 | 46 |
| Proportion of deaths attributable to tobacco (%) | 9 | 36 | 27 | 20 | 10 | 17 |
| Death rate: Cerebrovascular disease | 4 | 15 | 63 | 262 | 1,243 | 99 |
| Death rate attributable to tobacco | 1 | 6 | 20 | 65 | 8 | 11 |
| Proportion of deaths attributable to tobacco (%) | 15 | 41 | 31 | 25 | 1 | 11 |
| Death rate: Other cardiovascular diseases | 6 | 35 | 115 | 410 | 1,561 | 142 |
| Death rate attributable to tobacco | 1 | 15 | 40 | 102 | 200 | 30 |
| Proportion of deaths attributable to tobacco (%) | 12 | 43 | 35 | 25 | 13 | 21 |
| Death rate: Respiratory diseases | 1 | 12 | 81 | 342 | 1,088 | 99 |
| Death rate attributable to tobacco | 0 | 5 | 51 | 229 | 678 | 62 |
| Proportion of deaths attributable to tobacco (%) | 7 | 41 | 63 | 67 | 62 | 63 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 55 | 230 | 667 | 62 |
| Death rate attributable to tobacco | 0 | 3 | 44 | 191 | 543 | 51 |
| Proportion of deaths attributable to tobacco (%) | 17 | 73 | 80 | 83 | 81 | 82 |
| Death rate: Other respiratory diseases | 1 | 7 | 26 | 113 | 421 | 37 |
| Death rate attributable to tobacco | 0 | 1 | 7 | 38 | 135 | 11 |
| Proportion of deaths attributable to tobacco (%) | 6 | 21 | 28 | 34 | 32 | 31 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 134 | 492 | 1,739 | 4,941 | 14,095 | 1,361 | 67 | 300 | 989 | 3,030 | 11,034 | 1,235 |
| Death rate attributable to tobacco | 3 | 131 | 524 | 1,285 | 2,184 | 301 | 3 | 52 | 264 | 896 | 2,016 | 267 |
| Proportion of deaths attributable to tobacco (%) | 2 | 27 | 30 | 26 | 15 | 22 | 5 | 17 | 27 | 30 | 18 | 22 |
| <u>Death rate: Communicable diseases</u> | 6 | 15 | 57 | 298 | 1,565 | 94 | 3 | 14 | 37 | 193 | 1,330 | 112 |
| Death rate attributable to tobacco | 0 | 2 | 13 | 76 | 388 | 22 | 0 | 2 | 9 | 68 | 450 | 36 |
| Proportion of deaths attributable to tobacco (%) | 0 | 14 | 23 | 26 | 25 | 24 | 4 | 16 | 24 | 35 | 34 | 33 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 2 | 9 | 14 | 2 | - | - | 2 | 9 | 7 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 2 | 3 | 0 | - | - | 0 | 2 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 14 | 19 | 21 | 19 | 18 | | | 20 | 25 | 22 | 23 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 11 | 50 | 268 | 1,497 | 85 | 1 | 10 | 26 | 166 | 1,255 | 101 |
| Death rate attributable to tobacco | 0 | 2 | 13 | 74 | 386 | 22 | 0 | 2 | 8 | 66 | 449 | 36 |
| Proportion of deaths attributable to tobacco (%) | 2 | 20 | 25 | 28 | 26 | 26 | 11 | 22 | 32 | 40 | 36 | 36 |
| <u>Death rate: Noncommunicable diseases</u> | 77 | 425 | 1,629 | 4,571 | 12,352 | 1,209 | 55 | 269 | 924 | 2,794 | 9,505 | 1,093 |
| Death rate attributable to tobacco | 3 | 129 | 511 | 1,209 | 1,796 | 279 | 3 | 50 | 256 | 828 | 1,565 | 230 |
| Proportion of deaths attributable to tobacco (%) | 4 | 30 | 31 | 26 | 15 | 23 | 6 | 19 | 28 | 30 | 16 | 21 |
| <u>Death rate: All malignant neoplasms</u> | 21 | 172 | 687 | 1,654 | 3,060 | 406 | 33 | 163 | 502 | 992 | 1,639 | 331 |
| Death rate attributable to tobacco | 1 | 54 | 272 | 609 | 725 | 132 | 1 | 23 | 121 | 282 | 331 | 73 |
| Proportion of deaths attributable to tobacco (%) | 3 | 32 | 40 | 37 | 24 | 33 | 5 | 14 | 24 | 28 | 20 | 22 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 39 | 199 | 436 | 482 | 95 | 2 | 24 | 107 | 220 | 212 | 58 |
| Death rate attributable to tobacco | 0 | 32 | 182 | 405 | 440 | 85 | 1 | 18 | 90 | 190 | 171 | 47 |
| Proportion of deaths attributable to tobacco (%) | 8 | 82 | 91 | 93 | 91 | 90 | 33 | 72 | 84 | 86 | 81 | 82 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 133 | 488 | 1,218 | 2,578 | 311 | 31 | 139 | 395 | 772 | 1,427 | 273 |
| Death rate attributable to tobacco | 0 | 23 | 90 | 204 | 285 | 47 | 1 | 6 | 31 | 92 | 160 | 25 |
| Proportion of deaths attributable to tobacco (%) | 2 | 17 | 18 | 17 | 11 | 15 | 2 | 4 | 8 | 12 | 11 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 26 | 183 | 657 | 1,912 | 5,953 | 528 | 9 | 53 | 231 | 1,122 | 5,221 | 484 |
| Death rate attributable to tobacco | 2 | 68 | 172 | 315 | 129 | 79 | 2 | 23 | 93 | 339 | 646 | 94 |
| Proportion of deaths attributable to tobacco (%) | 9 | 37 | 26 | 16 | 2 | 15 | 20 | 43 | 40 | 30 | 12 | 19 |
| <u>Death rate: Ischaemic heart disease</u> | 12 | 117 | 425 | 1,113 | 3,143 | 305 | 2 | 21 | 106 | 554 | 2,420 | 226 |
| Death rate attributable to tobacco | 1 | 42 | 106 | 175 | 63 | 46 | 0 | 8 | 40 | 150 | 363 | 45 |
| Proportion of deaths attributable to tobacco (%) | 9 | 36 | 25 | 16 | 2 | 15 | 11 | 39 | 37 | 27 | 15 | 20 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 16 | 79 | 276 | 1,185 | 82 | 4 | 13 | 47 | 250 | 1,273 | 115 |
| Death rate attributable to tobacco | 0 | 6 | 20 | 39 | 24 | 9 | 1 | 6 | 20 | 86 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 4 | 36 | 25 | 14 | 2 | 11 | 27 | 46 | 42 | 34 | - | 12 |
| <u>Death rate: Other cardiovascular diseases</u> | 10 | 50 | 152 | 523 | 1,625 | 142 | 2 | 20 | 77 | 318 | 1,528 | 143 |
| Death rate attributable to tobacco | 1 | 21 | 46 | 101 | 42 | 24 | 0 | 9 | 34 | 103 | 283 | 35 |
| Proportion of deaths attributable to tobacco (%) | 11 | 42 | 30 | 19 | 3 | 17 | 14 | 46 | 43 | 32 | 19 | 25 |
| <u>Death rate: Respiratory diseases</u> | 2 | 14 | 104 | 416 | 1,460 | 105 | 1 | 10 | 58 | 282 | 892 | 94 |
| Death rate attributable to tobacco | 0 | 6 | 63 | 267 | 906 | 64 | 0 | 4 | 39 | 197 | 557 | 60 |
| Proportion of deaths attributable to tobacco (%) | 4 | 43 | 61 | 64 | 62 | 61 | 11 | 39 | 67 | 70 | 62 | 64 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 6 | 69 | 287 | 995 | 70 | - | 3 | 41 | 183 | 493 | 55 |
| Death rate attributable to tobacco | 0 | 4 | 54 | 231 | 787 | 56 | - | 2 | 34 | 158 | 414 | 46 |
| Proportion of deaths attributable to tobacco (%) | 17 | 73 | 79 | 81 | 79 | 79 | | 73 | 82 | 86 | 84 | 84 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 8 | 35 | 129 | 465 | 35 | 1 | 6 | 17 | 99 | 398 | 39 |
| Death rate attributable to tobacco | 0 | 2 | 9 | 36 | 120 | 9 | 0 | 1 | 5 | 39 | 142 | 14 |
| Proportion of deaths attributable to tobacco (%) | 2 | 20 | 25 | 28 | 26 | 25 | 11 | 22 | 32 | 40 | 36 | 36 |

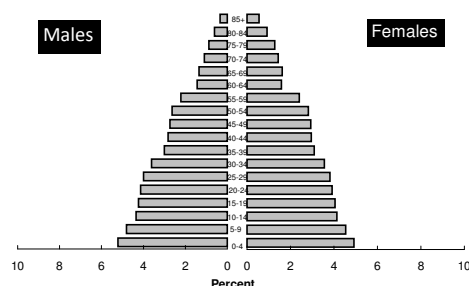
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Israel

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,758 | 1,669 | 3,427 |
| 30-44 | 620 | 631 | 1,252 |
| 45-59 | 499 | 536 | 1,035 |
| 60-69 | 183 | 211 | 393 |
| 70-79 | 129 | 179 | 308 |
| 80+ | 63 | 97 | 159 |
| Total | 3,252 | 3,322 | 6,574 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (949 per 100,000 population) was about 16.5 times that for communicable diseases (58 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 163 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 44 deaths per 100,000 population but with 77% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (156 per 100,000 men aged 30 years and over) compared with women (76 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 8% for women.

- Among those who died prematurely, almost one in every 21 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 15% of those whose death was due to a lower respiratory infection, 32.9% of deaths due to the category of 'all cardiovascular diseases combined', and 72.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|--------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 89 | 327 | 1,096 | 3,118 | 9,213 | 1,052 |
| Death rate attributable to tobacco | 4 | 53 | 190 | 389 | 650 | 114 |
| Proportion of deaths attributable to tobacco (%) | 5 | 16 | 17 | 12 | 7 | 11 |
| Death rate: Communicable diseases | 3 | 12 | 41 | 150 | 643 | 58 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 7 | 39 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 5 | 5 | 6 | 5 |
| Death rate: Tuberculosis | 0 | 0 | 2 | 4 | 13 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 14 | 11 | 11 | 10 | 11 |
| Death rate: Lower respiratory infections | 1 | 3 | 11 | 42 | 238 | 19 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 7 | 37 | 3 |
| Proportion of deaths attributable to tobacco (%) | 8 | 15 | 18 | 17 | 16 | 16 |
| Death rate: Noncommunicable diseases | 56 | 283 | 1,018 | 2,902 | 8,343 | 949 |
| Death rate attributable to tobacco | 4 | 53 | 188 | 381 | 611 | 111 |
| Proportion of deaths attributable to tobacco (%) | 8 | 19 | 18 | 13 | 7 | 12 |
| Death rate: All malignant neoplasms | 29 | 143 | 448 | 945 | 1,680 | 292 |
| Death rate attributable to tobacco | 2 | 26 | 106 | 177 | 214 | 51 |
| Proportion of deaths attributable to tobacco (%) | 6 | 18 | 24 | 19 | 13 | 17 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 25 | 94 | 153 | 166 | 44 |
| Death rate attributable to tobacco | 1 | 18 | 77 | 122 | 125 | 34 |
| Proportion of deaths attributable to tobacco (%) | 27 | 72 | 82 | 80 | 75 | 77 |
| Death rate: All other malignant neoplasms | 27 | 118 | 354 | 792 | 1,514 | 248 |
| Death rate attributable to tobacco | 1 | 8 | 30 | 55 | 89 | 17 |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 8 | 7 | 6 | 7 |
| Death rate: All Cardiovascular diseases | 9 | 65 | 276 | 983 | 3,484 | 332 |
| Death rate attributable to tobacco | 2 | 22 | 53 | 101 | 115 | 30 |
| Proportion of deaths attributable to tobacco (%) | 26 | 33 | 19 | 10 | 3 | 9 |
| Death rate: Ischaemic heart disease | 3 | 34 | 138 | 486 | 1,682 | 163 |
| Death rate attributable to tobacco | 1 | 11 | 25 | 45 | 61 | 15 |
| Proportion of deaths attributable to tobacco (%) | 29 | 32 | 18 | 9 | 4 | 9 |
| Death rate: Cerebrovascular disease | 1 | 11 | 66 | 233 | 759 | 74 |
| Death rate attributable to tobacco | 0 | 4 | 12 | 25 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 31 | 19 | 11 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 4 | 20 | 73 | 263 | 1,043 | 96 |
| Death rate attributable to tobacco | 1 | 7 | 15 | 31 | 51 | 10 |
| Proportion of deaths attributable to tobacco (%) | 26 | 36 | 21 | 12 | 5 | 11 |
| Death rate: Respiratory diseases | 1 | 11 | 47 | 171 | 571 | 55 |
| Death rate attributable to tobacco | 0 | 4 | 21 | 79 | 233 | 24 |
| Proportion of deaths attributable to tobacco (%) | 18 | 39 | 44 | 46 | 41 | 42 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 25 | 100 | 288 | 29 |
| Death rate attributable to tobacco | 0 | 3 | 17 | 67 | 188 | 19 |
| Proportion of deaths attributable to tobacco (%) | 46 | 66 | 68 | 67 | 65 | 66 |
| Death rate: Other respiratory diseases | 1 | 6 | 22 | 71 | 284 | 26 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 12 | 45 | 4 |
| Proportion of deaths attributable to tobacco (%) | 9 | 16 | 16 | 16 | 16 | 16 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 121 | 423 | 1,422 | 3,786 | 10,257 | 1,123 | 59 | 238 | 814 | 2,634 | 8,538 | 988 |
| Death rate attributable to tobacco | 7 | 90 | 326 | 578 | 798 | 156 | 1 | 19 | 72 | 252 | 555 | 76 |
| Proportion of deaths attributable to tobacco (%) | 6 | 21 | 23 | 15 | 8 | 14 | 2 | 8 | 9 | 10 | 6 | 8 |
| <u>Death rate: Communicable diseases</u> | 4 | 16 | 56 | 185 | 670 | 58 | 3 | 8 | 29 | 124 | 626 | 57 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 11 | 43 | 4 | 0 | 0 | 1 | 5 | 36 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 6 | 6 | 6 | 6 | 1 | 3 | 3 | 4 | 6 | 5 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 2 | 6 | 17 | 2 | - | - | 1 | 2 | 10 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 2 | 0 | - | - | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 14 | 15 | 12 | 11 | 12 | | | 6 | 9 | 9 | 9 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 3 | 16 | 61 | 274 | 20 | 0 | 2 | 6 | 29 | 215 | 17 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 10 | 41 | 3 | 0 | 0 | 1 | 5 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | 9 | 19 | 20 | 17 | 15 | 16 | 7 | 10 | 11 | 16 | 16 | 16 |
| <u>Death rate: Noncommunicable diseases</u> | 65 | 353 | 1,311 | 3,505 | 9,329 | 1,000 | 47 | 218 | 763 | 2,466 | 7,705 | 904 |
| Death rate attributable to tobacco | 7 | 89 | 322 | 567 | 754 | 153 | 1 | 19 | 71 | 247 | 518 | 73 |
| Proportion of deaths attributable to tobacco (%) | 11 | 25 | 25 | 16 | 8 | 15 | 3 | 9 | 9 | 10 | 7 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 25 | 145 | 539 | 1,154 | 2,136 | 314 | 33 | 140 | 368 | 794 | 1,385 | 272 |
| Death rate attributable to tobacco | 3 | 43 | 192 | 310 | 370 | 81 | 1 | 9 | 32 | 81 | 113 | 23 |
| Proportion of deaths attributable to tobacco (%) | 11 | 30 | 36 | 27 | 17 | 26 | 2 | 7 | 9 | 10 | 8 | 8 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 37 | 154 | 247 | 267 | 65 | 2 | 14 | 41 | 85 | 100 | 26 |
| Death rate attributable to tobacco | 1 | 30 | 137 | 216 | 225 | 55 | 0 | 7 | 24 | 55 | 60 | 15 |
| Proportion of deaths attributable to tobacco (%) | 32 | 81 | 89 | 87 | 84 | 85 | 22 | 51 | 60 | 65 | 60 | 59 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 108 | 385 | 907 | 1,869 | 249 | 31 | 126 | 327 | 709 | 1,285 | 246 |
| Death rate attributable to tobacco | 2 | 13 | 55 | 95 | 145 | 26 | 0 | 2 | 8 | 26 | 53 | 8 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 14 | 10 | 8 | 11 | 1 | 2 | 2 | 4 | 4 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 12 | 102 | 400 | 1,233 | 3,763 | 353 | 5 | 31 | 168 | 801 | 3,303 | 314 |
| Death rate attributable to tobacco | 4 | 37 | 84 | 115 | 42 | 36 | 1 | 7 | 26 | 90 | 162 | 25 |
| Proportion of deaths attributable to tobacco (%) | 34 | 36 | 21 | 9 | 1 | 10 | 10 | 24 | 16 | 11 | 5 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 6 | 59 | 218 | 671 | 1,983 | 190 | 1 | 11 | 67 | 353 | 1,488 | 138 |
| Death rate attributable to tobacco | 2 | 20 | 44 | 60 | 20 | 19 | 0 | 2 | 9 | 34 | 86 | 11 |
| Proportion of deaths attributable to tobacco (%) | 33 | 34 | 20 | 9 | 1 | 10 | 7 | 21 | 14 | 10 | 6 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 14 | 93 | 284 | 747 | 72 | 1 | 9 | 42 | 197 | 766 | 75 |
| Death rate attributable to tobacco | 0 | 5 | 18 | 23 | 8 | 6 | 0 | 2 | 7 | 26 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 19 | 35 | 20 | 8 | 1 | 9 | 17 | 26 | 16 | 13 | - | 6 |
| <u>Death rate: Other cardiovascular diseases</u> | 5 | 29 | 89 | 279 | 1,033 | 90 | 3 | 11 | 58 | 252 | 1,049 | 101 |
| Death rate attributable to tobacco | 2 | 12 | 22 | 31 | 14 | 11 | 0 | 3 | 10 | 30 | 76 | 10 |
| Proportion of deaths attributable to tobacco (%) | 39 | 40 | 24 | 11 | 1 | 12 | 9 | 26 | 17 | 12 | 7 | 10 |
| <u>Death rate: Respiratory diseases</u> | 1 | 16 | 62 | 223 | 657 | 60 | 0 | 7 | 34 | 134 | 516 | 51 |
| Death rate attributable to tobacco | 0 | 7 | 33 | 111 | 285 | 28 | 0 | 2 | 10 | 55 | 199 | 19 |
| Proportion of deaths attributable to tobacco (%) | 16 | 45 | 54 | 50 | 43 | 47 | 23 | 26 | 29 | 41 | 39 | 38 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 8 | 39 | 141 | 366 | 35 | 0 | 2 | 14 | 70 | 237 | 24 |
| Death rate attributable to tobacco | 0 | 6 | 29 | 97 | 241 | 24 | 0 | 1 | 8 | 45 | 153 | 15 |
| Proportion of deaths attributable to tobacco (%) | 52 | 71 | 74 | 69 | 66 | 68 | 40 | 52 | 55 | 64 | 65 | 63 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 8 | 23 | 82 | 291 | 25 | 0 | 4 | 21 | 63 | 279 | 27 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 14 | 44 | 4 | 0 | 0 | 2 | 10 | 45 | 4 |
| Proportion of deaths attributable to tobacco (%) | 9 | 19 | 20 | 17 | 15 | 16 | 7 | 10 | 11 | 16 | 16 | 15 |

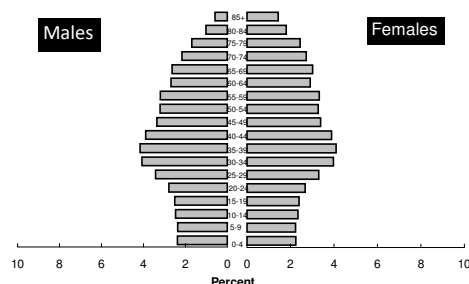
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Italy

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 9,309 | 8,874 | 18,183 |
| 30-44 | 7,086 | 6,993 | 14,079 |
| 45-59 | 5,700 | 5,840 | 11,540 |
| 60-69 | 3,109 | 3,464 | 6,573 |
| 70-79 | 2,249 | 3,024 | 5,273 |
| 80+ | 936 | 1,891 | 2,826 |
| Total | 28,389 | 30,086 | 58,475 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1257 per 100,000 population) was about 31 times that for communicable diseases (41 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 13% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 222 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 82 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 21% of all lower respiratory infection deaths and 16% of all tuberculosis deaths.

- The death rate due to tobacco in men was (343 per 100,000 men aged 30 years and over) compared with women (93 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 7% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 23.7% of those whose death was due to a lower respiratory infection, 44.3% of deaths due to the category of 'all cardiovascular diseases combined', and 81.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|--------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 91 | 337 | 1,050 | 2,903 | 9,608 | 1,353 |
| Death rate attributable to tobacco | 12 | 88 | 258 | 585 | 905 | 211 |
| Proportion of deaths attributable to tobacco (%) | 13 | 26 | 25 | 20 | 9 | 16 |
| Death rate: Communicable diseases | 7 | 8 | 21 | 69 | 331 | 41 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 51 | 5 |
| Proportion of deaths attributable to tobacco (%) | 3 | 8 | 9 | 13 | 16 | 13 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 3 | 7 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 12 | 18 | 15 | 18 | 15 | 16 |
| Death rate: Lower respiratory infections | 1 | 2 | 8 | 36 | 247 | 24 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 8 | 50 | 5 |
| Proportion of deaths attributable to tobacco (%) | 20 | 24 | 23 | 24 | 20 | 21 |
| Death rate: Noncommunicable diseases | 58 | 302 | 993 | 2,756 | 8,943 | 1,257 |
| Death rate attributable to tobacco | 11 | 87 | 256 | 576 | 854 | 206 |
| Proportion of deaths attributable to tobacco (%) | 20 | 29 | 26 | 21 | 10 | 16 |
| Death rate: All malignant neoplasms | 26 | 168 | 510 | 1,036 | 1,672 | 393 |
| Death rate attributable to tobacco | 3 | 48 | 163 | 321 | 329 | 107 |
| Proportion of deaths attributable to tobacco (%) | 13 | 29 | 32 | 31 | 20 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 38 | 128 | 249 | 234 | 82 |
| Death rate attributable to tobacco | 2 | 31 | 111 | 219 | 193 | 70 |
| Proportion of deaths attributable to tobacco (%) | 50 | 82 | 87 | 88 | 83 | 85 |
| Death rate: All other malignant neoplasms | 23 | 130 | 381 | 786 | 1,438 | 311 |
| Death rate attributable to tobacco | 2 | 17 | 52 | 101 | 136 | 37 |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 14 | 13 | 9 | 12 |
| Death rate: All Cardiovascular diseases | 15 | 80 | 296 | 1,097 | 5,161 | 582 |
| Death rate attributable to tobacco | 8 | 36 | 72 | 156 | 188 | 58 |
| Proportion of deaths attributable to tobacco (%) | 49 | 44 | 24 | 14 | 4 | 10 |
| Death rate: Ischaemic heart disease | 5 | 43 | 157 | 484 | 1,693 | 222 |
| Death rate attributable to tobacco | 3 | 19 | 38 | 67 | 71 | 26 |
| Proportion of deaths attributable to tobacco (%) | 53 | 44 | 24 | 14 | 4 | 12 |
| Death rate: Cerebrovascular disease | 3 | 15 | 61 | 293 | 1,540 | 162 |
| Death rate attributable to tobacco | 1 | 6 | 14 | 39 | 11 | 10 |
| Proportion of deaths attributable to tobacco (%) | 36 | 42 | 23 | 13 | 1 | 6 |
| Death rate: Other cardiovascular diseases | 8 | 21 | 78 | 321 | 1,928 | 199 |
| Death rate attributable to tobacco | 4 | 10 | 20 | 49 | 105 | 21 |
| Proportion of deaths attributable to tobacco (%) | 51 | 46 | 26 | 15 | 5 | 11 |
| Death rate: Respiratory diseases | 1 | 6 | 31 | 146 | 537 | 64 |
| Death rate attributable to tobacco | 0 | 3 | 17 | 87 | 308 | 37 |
| Proportion of deaths attributable to tobacco (%) | 28 | 45 | 54 | 60 | 57 | 57 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 2 | 19 | 100 | 373 | 43 |
| Death rate attributable to tobacco | 0 | 2 | 14 | 76 | 273 | 32 |
| Proportion of deaths attributable to tobacco (%) | 70 | 75 | 75 | 77 | 73 | 74 |
| Death rate: Other respiratory diseases | 1 | 3 | 12 | 46 | 165 | 21 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 11 | 35 | 5 |
| Proportion of deaths attributable to tobacco (%) | 20 | 22 | 22 | 24 | 21 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 122 | 440 | 1,450 | 3,994 | 11,335 | 1,439 | 59 | 236 | 690 | 2,091 | 8,753 | 1,276 |
| Death rate attributable to tobacco | 20 | 150 | 477 | 1,125 | 1,636 | 343 | 3 | 26 | 61 | 183 | 543 | 93 |
| Proportion of deaths attributable to tobacco (%) | 16 | 34 | 33 | 28 | 14 | 24 | 6 | 11 | 9 | 9 | 6 | 7 |
| <u>Death rate: Communicable diseases</u> | 11 | 12 | 27 | 91 | 402 | 42 | 4 | 4 | 15 | 53 | 296 | 39 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 17 | 87 | 7 | 0 | 0 | 0 | 3 | 34 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 13 | 18 | 22 | 17 | 2 | 5 | 3 | 6 | 11 | 9 |
| <i>Death rate: Tuberculosis</i> | 0 | 0 | 1 | 6 | 11 | 2 | 0 | 0 | 1 | 2 | 4 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 21 | 23 | 20 | 22 | 7 | 7 | 6 | 7 | 9 | 8 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 3 | 11 | 51 | 312 | 25 | 1 | 2 | 4 | 24 | 214 | 24 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 15 | 84 | 7 | 0 | 0 | 0 | 3 | 33 | 4 |
| Proportion of deaths attributable to tobacco (%) | 22 | 29 | 28 | 30 | 27 | 28 | 13 | 13 | 10 | 13 | 16 | 15 |
| <u>Death rate: Noncommunicable diseases</u> | 70 | 387 | 1,367 | 3,792 | 10,575 | 1,330 | 47 | 220 | 657 | 1,985 | 8,135 | 1,191 |
| Death rate attributable to tobacco | 19 | 149 | 473 | 1,108 | 1,550 | 336 | 3 | 26 | 61 | 180 | 509 | 89 |
| Proportion of deaths attributable to tobacco (%) | 28 | 39 | 35 | 29 | 15 | 25 | 7 | 12 | 9 | 9 | 6 | 7 |
| <i>Death rate: All malignant neoplasms</i> | 24 | 195 | 694 | 1,524 | 2,475 | 481 | 29 | 141 | 345 | 673 | 1,275 | 314 |
| Death rate attributable to tobacco | 5 | 84 | 312 | 664 | 780 | 194 | 2 | 13 | 30 | 65 | 106 | 28 |
| Proportion of deaths attributable to tobacco (%) | 21 | 43 | 45 | 44 | 32 | 40 | 5 | 9 | 9 | 10 | 8 | 9 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 60 | 228 | 485 | 511 | 139 | 3 | 16 | 39 | 75 | 97 | 31 |
| Death rate attributable to tobacco | 2 | 53 | 211 | 454 | 469 | 127 | 1 | 9 | 22 | 45 | 57 | 18 |
| Proportion of deaths attributable to tobacco (%) | 57 | 88 | 92 | 94 | 92 | 92 | 38 | 58 | 57 | 60 | 59 | 58 |
| <i>Death rate: All other malignant neoplasms</i> | 20 | 135 | 465 | 1,039 | 1,964 | 343 | 26 | 125 | 306 | 598 | 1,178 | 283 |
| Death rate attributable to tobacco | 3 | 31 | 101 | 210 | 312 | 67 | 1 | 3 | 8 | 21 | 49 | 10 |
| Proportion of deaths attributable to tobacco (%) | 14 | 23 | 22 | 20 | 16 | 20 | 2 | 3 | 2 | 3 | 4 | 3 |
| <i>Death rate: All Cardiovascular diseases</i> | 23 | 120 | 431 | 1,457 | 5,536 | 558 | 8 | 41 | 175 | 830 | 4,975 | 604 |
| Death rate attributable to tobacco | 13 | 60 | 125 | 259 | 129 | 80 | 2 | 12 | 25 | 79 | 217 | 39 |
| Proportion of deaths attributable to tobacco (%) | 59 | 50 | 29 | 18 | 2 | 14 | 21 | 29 | 14 | 10 | 4 | 6 |
| <i>Death rate: Ischaemic heart disease</i> | 9 | 73 | 248 | 719 | 2,010 | 249 | 1 | 15 | 75 | 309 | 1,536 | 198 |
| Death rate attributable to tobacco | 5 | 35 | 69 | 124 | 43 | 40 | 0 | 4 | 10 | 25 | 85 | 14 |
| Proportion of deaths attributable to tobacco (%) | 59 | 48 | 28 | 17 | 2 | 16 | 13 | 26 | 13 | 8 | 6 | 7 |
| <i>Death rate: Cerebrovascular disease</i> | 3 | 18 | 81 | 357 | 1,592 | 140 | 2 | 12 | 43 | 245 | 1,515 | 181 |
| Death rate attributable to tobacco | 1 | 9 | 22 | 56 | 34 | 15 | 1 | 4 | 6 | 27 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 40 | 49 | 28 | 16 | 2 | 11 | 31 | 31 | 15 | 11 | - | 3 |
| <i>Death rate: Other cardiovascular diseases</i> | 11 | 29 | 102 | 381 | 1,934 | 169 | 4 | 14 | 56 | 276 | 1,924 | 225 |
| Death rate attributable to tobacco | 7 | 16 | 33 | 79 | 52 | 25 | 1 | 4 | 9 | 27 | 132 | 18 |
| Proportion of deaths attributable to tobacco (%) | 65 | 54 | 33 | 21 | 3 | 15 | 17 | 31 | 16 | 10 | 7 | 8 |
| <u>Death rate: Respiratory diseases</u> | 2 | 8 | 47 | 244 | 905 | 84 | 1 | 4 | 16 | 72 | 356 | 46 |
| Death rate attributable to tobacco | 1 | 4 | 30 | 165 | 597 | 55 | 0 | 1 | 5 | 30 | 165 | 20 |
| Proportion of deaths attributable to tobacco (%) | 31 | 54 | 64 | 67 | 66 | 66 | 22 | 28 | 31 | 41 | 46 | 44 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 4 | 31 | 175 | 663 | 59 | 0 | 1 | 8 | 44 | 229 | 28 |
| Death rate attributable to tobacco | 0 | 3 | 25 | 144 | 531 | 48 | 0 | 1 | 4 | 26 | 145 | 18 |
| Proportion of deaths attributable to tobacco (%) | 76 | 82 | 81 | 82 | 80 | 81 | 58 | 59 | 52 | 59 | 64 | 62 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 4 | 16 | 70 | 242 | 24 | 1 | 3 | 8 | 29 | 127 | 18 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 21 | 65 | 7 | 0 | 0 | 1 | 4 | 20 | 3 |
| Proportion of deaths attributable to tobacco (%) | 22 | 29 | 28 | 30 | 27 | 28 | 13 | 13 | 10 | 13 | 16 | 15 |

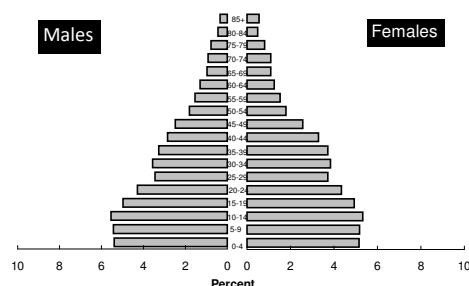
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Jamaica

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 775 | 764 | 1,539 |
| 30-44 | 258 | 289 | 547 |
| 45-59 | 155 | 157 | 312 |
| 60-69 | 60 | 63 | 123 |
| 70-79 | 45 | 51 | 96 |
| 80+ | 21 | 28 | 49 |
| Total | 1,315 | 1,350 | 2,665 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1381 per 100,000 population) was about 6.6 times that for communicable diseases (210 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 324 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 31 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (228 per 100,000 men aged 30 years and over) compared with women (87 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 12% for men and 6% for women.

- Among those who died prematurely, almost one in every 44 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 11.2% of those whose death was due to a lower respiratory infection, 21.1% of deaths due to the category of 'all cardiovascular diseases combined', and 65.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 258 | 653 | 1,899 | 5,181 | 17,224 | 1,702 |
| Death rate attributable to tobacco | 6 | 65 | 262 | 581 | 1,288 | 155 |
| Proportion of deaths attributable to tobacco (%) | 2 | 10 | 14 | 11 | 7 | 9 |
| Death rate: Communicable diseases | 121 | 134 | 131 | 320 | 1,682 | 210 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 17 | 88 | 7 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 5 | 5 | 5 | 3 |
| Death rate: Tuberculosis | 1 | 2 | 3 | 4 | 4 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 7 | 9 | 9 | 8 | 8 | 8 |
| Death rate: Lower respiratory infections | 4 | 19 | 51 | 156 | 988 | 69 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 17 | 87 | 7 |
| Proportion of deaths attributable to tobacco (%) | 8 | 11 | 12 | 11 | 9 | 10 |
| Death rate: Noncommunicable diseases | 73 | 406 | 1,629 | 4,694 | 15,119 | 1,381 |
| Death rate attributable to tobacco | 5 | 63 | 256 | 563 | 1,200 | 148 |
| Proportion of deaths attributable to tobacco (%) | 7 | 15 | 16 | 12 | 8 | 11 |
| Death rate: All malignant neoplasms | 28 | 139 | 464 | 1,074 | 2,129 | 287 |
| Death rate attributable to tobacco | 1 | 21 | 88 | 156 | 233 | 39 |
| Proportion of deaths attributable to tobacco (%) | 4 | 15 | 19 | 15 | 11 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 20 | 71 | 118 | 146 | 31 |
| Death rate attributable to tobacco | 1 | 13 | 54 | 88 | 105 | 22 |
| Proportion of deaths attributable to tobacco (%) | 28 | 65 | 76 | 74 | 72 | 71 |
| Death rate: All other malignant neoplasms | 26 | 119 | 393 | 955 | 1,983 | 256 |
| Death rate attributable to tobacco | 0 | 8 | 35 | 68 | 128 | 17 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 9 | 7 | 6 | 7 |
| Death rate: All Cardiovascular diseases | 22 | 158 | 701 | 2,236 | 8,445 | 688 |
| Death rate attributable to tobacco | 4 | 33 | 94 | 144 | 104 | 38 |
| Proportion of deaths attributable to tobacco (%) | 18 | 21 | 13 | 6 | 1 | 6 |
| Death rate: Ischaemic heart disease | 8 | 79 | 373 | 1,085 | 3,792 | 324 |
| Death rate attributable to tobacco | 2 | 17 | 48 | 65 | 52 | 19 |
| Proportion of deaths attributable to tobacco (%) | 23 | 22 | 13 | 6 | 1 | 6 |
| Death rate: Cerebrovascular disease | 7 | 44 | 178 | 593 | 2,152 | 179 |
| Death rate attributable to tobacco | 1 | 9 | 23 | 39 | 9 | 9 |
| Proportion of deaths attributable to tobacco (%) | 9 | 20 | 13 | 7 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 6 | 35 | 150 | 558 | 2,501 | 185 |
| Death rate attributable to tobacco | 1 | 7 | 22 | 40 | 43 | 10 |
| Proportion of deaths attributable to tobacco (%) | 21 | 22 | 15 | 7 | 2 | 6 |
| Death rate: Respiratory diseases | 3 | 21 | 138 | 513 | 1,918 | 149 |
| Death rate attributable to tobacco | 0 | 7 | 67 | 248 | 836 | 67 |
| Proportion of deaths attributable to tobacco (%) | 12 | 36 | 48 | 48 | 44 | 45 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 13 | 111 | 431 | 1,598 | 122 |
| Death rate attributable to tobacco | 0 | 7 | 64 | 239 | 806 | 64 |
| Proportion of deaths attributable to tobacco (%) | 33 | 50 | 57 | 56 | 50 | 53 |
| Death rate: Other respiratory diseases | 2 | 7 | 27 | 82 | 320 | 27 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 9 | 29 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 12 | 11 | 9 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------|-------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 335 | 796 | 2,252 | 5,979 | 17,679 | 1,832 | 189 | 512 | 1,559 | 4,477 | 16,877 | 1,583 |
| Death rate attributable to tobacco | 12 | 106 | 382 | 823 | 2,058 | 228 | - | 24 | 147 | 367 | 701 | 87 |
| Proportion of deaths attributable to tobacco (%) | 4 | 13 | 17 | 14 | 12 | 12 | - | 5 | 9 | 8 | 4 | 6 |
| <u>Death rate: Communicable diseases</u> | 178 | 200 | 166 | 359 | 1,501 | 250 | 70 | 68 | 97 | 285 | 1,821 | 174 |
| Death rate attributable to tobacco | 1 | 4 | 10 | 23 | 131 | 10 | - | 1 | 3 | 12 | 55 | 4 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 6 | 6 | 9 | 4 | - | 1 | 4 | 4 | 3 | 2 |
| <u>Death rate: Tuberculosis</u> | 1 | 3 | 5 | 5 | 6 | 3 | 1 | 1 | 2 | 2 | 3 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 10 | 11 | 11 | 9 | 11 | 10 | - | 2 | 4 | 5 | 3 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 5 | 25 | 62 | 176 | 876 | 66 | 4 | 14 | 40 | 138 | 1,074 | 73 |
| Death rate attributable to tobacco | 1 | 4 | 9 | 23 | 130 | 9 | - | 1 | 3 | 12 | 55 | 4 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 15 | 13 | 15 | 14 | - | 4 | 8 | 9 | 5 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 55 | 396 | 1,845 | 5,349 | 15,672 | 1,406 | 88 | 415 | 1,421 | 4,115 | 14,697 | 1,358 |
| Death rate attributable to tobacco | 11 | 102 | 373 | 800 | 1,927 | 219 | - | 24 | 143 | 355 | 646 | 83 |
| Proportion of deaths attributable to tobacco (%) | 21 | 26 | 20 | 15 | 12 | 16 | - | 6 | 10 | 9 | 4 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 15 | 110 | 490 | 1,258 | 2,603 | 300 | 40 | 168 | 439 | 911 | 1,767 | 274 |
| Death rate attributable to tobacco | 2 | 37 | 148 | 268 | 471 | 69 | - | 5 | 31 | 57 | 52 | 12 |
| Proportion of deaths attributable to tobacco (%) | 15 | 33 | 30 | 21 | 18 | 23 | - | 3 | 7 | 6 | 3 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 31 | 109 | 187 | 263 | 48 | 1 | 9 | 34 | 57 | 57 | 15 |
| Death rate attributable to tobacco | 1 | 24 | 92 | 156 | 221 | 39 | - | 3 | 17 | 27 | 17 | 6 |
| Proportion of deaths attributable to tobacco (%) | 43 | 77 | 84 | 83 | 84 | 81 | - | 28 | 51 | 48 | 29 | 39 |
| <u>Death rate: All other malignant neoplasms</u> | 12 | 79 | 381 | 1,071 | 2,340 | 252 | 38 | 159 | 405 | 853 | 1,710 | 259 |
| Death rate attributable to tobacco | 1 | 13 | 56 | 111 | 250 | 30 | - | 2 | 13 | 30 | 35 | 6 |
| Proportion of deaths attributable to tobacco (%) | 8 | 17 | 15 | 10 | 11 | 12 | - | 1 | 3 | 3 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 20 | 172 | 842 | 2,552 | 8,336 | 692 | 23 | 144 | 566 | 1,958 | 8,528 | 684 |
| Death rate attributable to tobacco | 8 | 52 | 125 | 175 | 90 | 51 | - | 15 | 64 | 116 | 114 | 26 |
| Proportion of deaths attributable to tobacco (%) | 42 | 30 | 15 | 7 | 1 | 7 | - | 10 | 11 | 6 | 1 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 9 | 99 | 482 | 1,326 | 3,974 | 353 | 7 | 59 | 268 | 873 | 3,654 | 297 |
| Death rate attributable to tobacco | 4 | 29 | 69 | 89 | 40 | 27 | - | 5 | 28 | 44 | 61 | 11 |
| Proportion of deaths attributable to tobacco (%) | 44 | 29 | 14 | 7 | 1 | 8 | - | 9 | 10 | 5 | 2 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 5 | 40 | 191 | 614 | 1,958 | 163 | 9 | 48 | 166 | 574 | 2,300 | 193 |
| Death rate attributable to tobacco | 1 | 12 | 27 | 37 | 20 | 11 | - | 5 | 20 | 40 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 27 | 30 | 14 | 6 | 1 | 7 | - | 11 | 12 | 7 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 6 | 32 | 169 | 611 | 2,404 | 176 | 7 | 37 | 132 | 511 | 2,575 | 194 |
| Death rate attributable to tobacco | 3 | 11 | 29 | 49 | 30 | 13 | - | 4 | 16 | 31 | 53 | 8 |
| Proportion of deaths attributable to tobacco (%) | 50 | 34 | 17 | 8 | 1 | 7 | - | 11 | 12 | 6 | 2 | 4 |
| <u>Death rate: Respiratory diseases</u> | 2 | 22 | 163 | 619 | 2,261 | 166 | 3 | 19 | 115 | 419 | 1,657 | 134 |
| Death rate attributable to tobacco | 1 | 11 | 90 | 338 | 1,323 | 94 | - | 3 | 44 | 169 | 464 | 42 |
| Proportion of deaths attributable to tobacco (%) | 29 | 50 | 56 | 55 | 59 | 56 | - | 18 | 38 | 40 | 28 | 32 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 15 | 132 | 529 | 1,950 | 140 | 1 | 11 | 92 | 344 | 1,329 | 106 |
| Death rate attributable to tobacco | 0 | 10 | 86 | 326 | 1,277 | 90 | - | 3 | 42 | 163 | 447 | 41 |
| Proportion of deaths attributable to tobacco (%) | 63 | 67 | 65 | 62 | 65 | 64 | - | 29 | 46 | 47 | 34 | 38 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 7 | 31 | 90 | 312 | 26 | 2 | 8 | 23 | 75 | 327 | 28 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 12 | 46 | 4 | - | 0 | 2 | 7 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 15 | 13 | 15 | 14 | - | 4 | 8 | 9 | 5 | 6 |

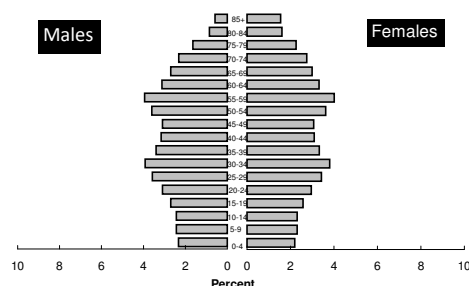
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Japan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 21,149 | 20,153 | 41,302 |
| 30-44 | 13,391 | 13,054 | 26,445 |
| 45-59 | 13,591 | 13,663 | 27,254 |
| 60-69 | 7,426 | 8,051 | 15,477 |
| 70-79 | 5,060 | 6,397 | 11,457 |
| 80+ | 1,844 | 4,019 | 5,863 |
| Total | 62,461 | 65,337 | 127,798 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (934 per 100,000 population) was about 6.5 times that for communicable diseases (143 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 23% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 109 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 70 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 28% of all lower respiratory infection deaths and 17% of all tuberculosis deaths.

- The death rate due to tobacco in men was (285 per 100,000 men aged 30 years and over) compared with women (122 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 12% for women.

- Among those who died prematurely, almost one in every 13 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.5% of those whose death was due to a lower respiratory infection, 29.5% of deaths due to the category of 'all cardiovascular diseases combined', and 69.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|------------|--------------|--------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 91 | 356 | 903 | 2,328 | 8,024 | 1,154 |
| Death rate attributable to tobacco | 7 | 58 | 150 | 448 | 1,378 | 200 |
| Proportion of deaths attributable to tobacco (%) | 7 | 16 | 17 | 19 | 17 | 17 |
| Death rate: Communicable diseases | 3 | 15 | 56 | 239 | 1,416 | 143 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 37 | 397 | 33 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 9 | 15 | 28 | 23 |
| Death rate: Tuberculosis | 0 | 1 | 3 | 13 | 36 | 5 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 2 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 10 | 14 | 22 | 17 |
| Death rate: Lower respiratory infections | 1 | 7 | 32 | 172 | 1,231 | 114 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 35 | 388 | 32 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 14 | 20 | 31 | 28 |
| Death rate: Noncommunicable diseases | 51 | 282 | 776 | 1,975 | 6,336 | 934 |
| Death rate attributable to tobacco | 7 | 57 | 145 | 411 | 981 | 167 |
| Proportion of deaths attributable to tobacco (%) | 13 | 20 | 19 | 21 | 15 | 18 |
| Death rate: All malignant neoplasms | 22 | 156 | 432 | 934 | 1,700 | 372 |
| Death rate attributable to tobacco | 1 | 32 | 106 | 285 | 513 | 102 |
| Proportion of deaths attributable to tobacco (%) | 7 | 21 | 25 | 31 | 30 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 23 | 75 | 199 | 322 | 70 |
| Death rate attributable to tobacco | 1 | 16 | 58 | 169 | 281 | 57 |
| Proportion of deaths attributable to tobacco (%) | 26 | 70 | 77 | 85 | 87 | 82 |
| Death rate: All other malignant neoplasms | 20 | 133 | 357 | 735 | 1,378 | 303 |
| Death rate attributable to tobacco | 1 | 16 | 48 | 116 | 232 | 45 |
| Proportion of deaths attributable to tobacco (%) | 5 | 12 | 13 | 16 | 17 | 15 |
| Death rate: All Cardiovascular diseases | 18 | 80 | 215 | 654 | 3,106 | 366 |
| Death rate attributable to tobacco | 5 | 24 | 32 | 77 | 206 | 39 |
| Proportion of deaths attributable to tobacco (%) | 28 | 30 | 15 | 12 | 7 | 11 |
| Death rate: Ischaemic heart disease | 5 | 32 | 90 | 230 | 756 | 109 |
| Death rate attributable to tobacco | 2 | 9 | 13 | 26 | 69 | 14 |
| Proportion of deaths attributable to tobacco (%) | 34 | 29 | 14 | 11 | 9 | 13 |
| Death rate: Cerebrovascular disease | 6 | 32 | 85 | 273 | 1,311 | 152 |
| Death rate attributable to tobacco | 1 | 9 | 12 | 31 | 12 | 10 |
| Proportion of deaths attributable to tobacco (%) | 17 | 29 | 14 | 11 | 1 | 7 |
| Death rate: Other cardiovascular diseases | 7 | 15 | 40 | 151 | 1,039 | 105 |
| Death rate attributable to tobacco | 2 | 5 | 7 | 20 | 126 | 15 |
| Proportion of deaths attributable to tobacco (%) | 35 | 32 | 17 | 13 | 12 | 14 |
| Death rate: Respiratory diseases | 1 | 5 | 27 | 125 | 541 | 60 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 46 | 248 | 24 |
| Proportion of deaths attributable to tobacco (%) | 9 | 20 | 24 | 36 | 46 | 41 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 1 | 5 | 38 | 153 | 17 |
| Death rate attributable to tobacco | 0 | 0 | 3 | 28 | 126 | 13 |
| Proportion of deaths attributable to tobacco (%) | 30 | 63 | 64 | 74 | 83 | 79 |
| Death rate: Other respiratory diseases | 1 | 5 | 21 | 88 | 388 | 44 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 18 | 122 | 11 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 14 | 20 | 31 | 26 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 120 | 485 | 1,297 | 3,362 | 10,107 | 1,294 | 61 | 228 | 540 | 1,510 | 7,068 | 1,025 |
| Death rate attributable to tobacco | 13 | 100 | 272 | 837 | 2,164 | 285 | - | 16 | 37 | 141 | 1,017 | 122 |
| Proportion of deaths attributable to tobacco (%) | 11 | 21 | 21 | 25 | 21 | 22 | - | 7 | 7 | 9 | 14 | 12 |
| <u>Death rate: Communicable diseases</u> | 4 | 22 | 80 | 358 | 1,968 | 155 | 2 | 8 | 33 | 146 | 1,163 | 133 |
| Death rate attributable to tobacco | 0 | 2 | 9 | 68 | 568 | 36 | - | 0 | 1 | 13 | 318 | 30 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 11 | 19 | 29 | 23 | - | 3 | 4 | 9 | 27 | 23 |
| <i>Death rate: Tuberculosis</i> | 0 | 2 | 4 | 19 | 65 | 7 | 0 | 0 | 1 | 8 | 22 | 3 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 3 | 16 | 1 | - | 0 | 0 | 1 | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 12 | 17 | 24 | 19 | - | 4 | 4 | 7 | 19 | 14 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 9 | 49 | 273 | 1,742 | 124 | 1 | 4 | 16 | 92 | 997 | 106 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 64 | 551 | 35 | - | 0 | 1 | 12 | 313 | 30 |
| Proportion of deaths attributable to tobacco (%) | 12 | 17 | 16 | 24 | 32 | 28 | - | 8 | 7 | 13 | 31 | 28 |
| <u>Death rate: Noncommunicable diseases</u> | 61 | 369 | 1,109 | 2,843 | 7,763 | 1,035 | 41 | 195 | 468 | 1,288 | 5,682 | 842 |
| Death rate attributable to tobacco | 13 | 98 | 264 | 769 | 1,596 | 249 | - | 16 | 36 | 128 | 699 | 91 |
| Proportion of deaths attributable to tobacco (%) | 22 | 27 | 24 | 27 | 21 | 24 | - | 8 | 8 | 10 | 12 | 11 |
| <i>Death rate: All malignant neoplasms</i> | 19 | 184 | 611 | 1,415 | 2,573 | 465 | 25 | 128 | 267 | 554 | 1,299 | 287 |
| Death rate attributable to tobacco | 3 | 57 | 198 | 560 | 1,046 | 170 | - | 8 | 21 | 67 | 268 | 39 |
| Proportion of deaths attributable to tobacco (%) | 15 | 31 | 32 | 40 | 41 | 37 | - | 6 | 8 | 12 | 21 | 14 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 34 | 122 | 357 | 628 | 106 | 1 | 12 | 32 | 74 | 181 | 36 |
| Death rate attributable to tobacco | 1 | 27 | 105 | 326 | 586 | 94 | - | 5 | 15 | 44 | 141 | 23 |
| Proportion of deaths attributable to tobacco (%) | 39 | 79 | 86 | 91 | 93 | 89 | - | 43 | 48 | 60 | 78 | 64 |
| <i>Death rate: All other malignant neoplasms</i> | 17 | 150 | 489 | 1,058 | 1,945 | 359 | 23 | 116 | 235 | 480 | 1,118 | 251 |
| Death rate attributable to tobacco | 2 | 30 | 93 | 234 | 460 | 76 | - | 2 | 6 | 23 | 127 | 16 |
| Proportion of deaths attributable to tobacco (%) | 11 | 20 | 19 | 22 | 24 | 21 | - | 2 | 3 | 5 | 11 | 7 |
| <i>Death rate: All Cardiovascular diseases</i> | 26 | 118 | 314 | 883 | 3,291 | 359 | 9 | 42 | 123 | 473 | 3,021 | 373 |
| Death rate attributable to tobacco | 10 | 39 | 52 | 116 | 95 | 44 | - | 8 | 13 | 46 | 257 | 34 |
| Proportion of deaths attributable to tobacco (%) | 38 | 33 | 17 | 13 | 3 | 12 | - | 19 | 10 | 10 | 9 | 9 |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 53 | 142 | 332 | 867 | 125 | 2 | 12 | 43 | 149 | 705 | 95 |
| Death rate attributable to tobacco | 3 | 17 | 23 | 43 | 23 | 17 | - | 2 | 4 | 12 | 89 | 11 |
| Proportion of deaths attributable to tobacco (%) | 41 | 32 | 16 | 13 | 3 | 14 | - | 16 | 9 | 8 | 13 | 11 |
| <i>Death rate: Cerebrovascular disease</i> | 8 | 44 | 119 | 373 | 1,423 | 148 | 4 | 21 | 53 | 195 | 1,259 | 157 |
| Death rate attributable to tobacco | 2 | 14 | 19 | 44 | 38 | 16 | - | 4 | 6 | 21 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 24 | 33 | 16 | 12 | 3 | 11 | - | 20 | 11 | 11 | - | 3 |
| <i>Death rate: Other cardiovascular diseases</i> | 10 | 21 | 54 | 178 | 1,001 | 87 | 4 | 9 | 27 | 130 | 1,057 | 121 |
| Death rate attributable to tobacco | 5 | 8 | 11 | 29 | 34 | 11 | - | 2 | 3 | 13 | 167 | 18 |
| Proportion of deaths attributable to tobacco (%) | 47 | 38 | 20 | 16 | 3 | 13 | - | 20 | 12 | 10 | 16 | 15 |
| <u>Death rate: Respiratory diseases</u> | 2 | 7 | 41 | 207 | 862 | 74 | 1 | 3 | 14 | 61 | 393 | 47 |
| Death rate attributable to tobacco | 0 | 2 | 12 | 87 | 438 | 33 | - | 0 | 2 | 13 | 161 | 17 |
| Proportion of deaths attributable to tobacco (%) | 15 | 24 | 28 | 42 | 51 | 44 | - | 11 | 12 | 21 | 41 | 35 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 1 | 9 | 72 | 320 | 25 | 0 | 0 | 2 | 11 | 76 | 9 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 55 | 267 | 20 | - | 0 | 1 | 6 | 62 | 7 |
| Proportion of deaths attributable to tobacco (%) | 60 | 69 | 68 | 77 | 83 | 80 | - | 44 | 43 | 59 | 81 | 75 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 6 | 31 | 135 | 542 | 49 | 1 | 3 | 12 | 50 | 317 | 39 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 32 | 171 | 13 | - | 0 | 1 | 7 | 99 | 10 |
| Proportion of deaths attributable to tobacco (%) | 12 | 17 | 16 | 24 | 32 | 26 | - | 8 | 7 | 13 | 31 | 26 |

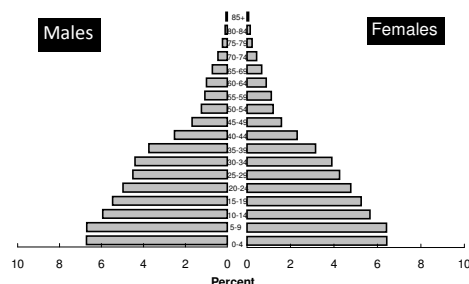
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Jordan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,844 | 1,760 | 3,604 |
| 30-44 | 573 | 503 | 1,075 |
| 45-59 | 214 | 209 | 423 |
| 60-69 | 91 | 84 | 175 |
| 70-79 | 36 | 36 | 72 |
| 80+ | 9 | 12 | 21 |
| Total | 2,767 | 2,604 | 5,371 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (827 per 100,000 population) was about 15.5 times that for communicable diseases (53 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 255 deaths per 100,000 population aged 30 years and over, with 15% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 25 deaths per 100,000 population but with 75% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (196 per 100,000 men aged 30 years and over) compared with women (14 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 18% for men and 2% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.1% of those whose death was due to a lower respiratory infection, 29% of deaths due to the category of 'all cardiovascular diseases combined', and 75.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 213 | 733 | 2,241 | 5,603 | 16,329 | 949 |
| Death rate attributable to tobacco | 26 | 144 | 329 | 432 | 749 | 109 |
| Proportion of deaths attributable to tobacco (%) | 12 | 20 | 15 | 8 | 5 | 12 |
| Death rate: Communicable diseases | 24 | 33 | 87 | 251 | 1,024 | 53 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 14 | 101 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 7 | 6 | 10 | 6 |
| Death rate: Tuberculosis | 1 | 1 | 1 | 4 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 8 | 11 | 11 | 7 | 9 | 9 |
| Death rate: Lower respiratory infections | 6 | 13 | 49 | 157 | 776 | 27 |
| Death rate attributable to tobacco | 1 | 2 | 6 | 14 | 100 | 3 |
| Proportion of deaths attributable to tobacco (%) | 12 | 14 | 13 | 9 | 13 | 12 |
| Death rate: Noncommunicable diseases | 129 | 637 | 2,080 | 5,220 | 14,887 | 827 |
| Death rate attributable to tobacco | 25 | 141 | 323 | 418 | 648 | 106 |
| Proportion of deaths attributable to tobacco (%) | 20 | 22 | 16 | 8 | 4 | 13 |
| Death rate: All malignant neoplasms | 45 | 179 | 435 | 755 | 1,715 | 165 |
| Death rate attributable to tobacco | 4 | 33 | 107 | 153 | 237 | 30 |
| Proportion of deaths attributable to tobacco (%) | 9 | 18 | 25 | 20 | 14 | 18 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 28 | 88 | 129 | 167 | 25 |
| Death rate attributable to tobacco | 1 | 21 | 71 | 99 | 125 | 18 |
| Proportion of deaths attributable to tobacco (%) | 46 | 75 | 81 | 76 | 75 | 75 |
| Death rate: All other malignant neoplasms | 42 | 151 | 347 | 626 | 1,549 | 140 |
| Death rate attributable to tobacco | 3 | 12 | 36 | 54 | 111 | 11 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 10 | 9 | 7 | 8 |
| Death rate: All Cardiovascular diseases | 48 | 356 | 1,278 | 3,400 | 10,067 | 499 |
| Death rate attributable to tobacco | 20 | 103 | 174 | 169 | 153 | 63 |
| Proportion of deaths attributable to tobacco (%) | 42 | 29 | 14 | 5 | 2 | 13 |
| Death rate: Ischaemic heart disease | 27 | 215 | 704 | 1,605 | 4,336 | 255 |
| Death rate attributable to tobacco | 14 | 68 | 99 | 85 | 83 | 39 |
| Proportion of deaths attributable to tobacco (%) | 51 | 31 | 14 | 5 | 2 | 15 |
| Death rate: Cerebrovascular disease | 7 | 94 | 414 | 1,377 | 3,764 | 169 |
| Death rate attributable to tobacco | 2 | 25 | 52 | 62 | 20 | 15 |
| Proportion of deaths attributable to tobacco (%) | 21 | 27 | 13 | 5 | 1 | 9 |
| Death rate: Other cardiovascular diseases | 13 | 47 | 161 | 419 | 1,968 | 75 |
| Death rate attributable to tobacco | 5 | 10 | 23 | 21 | 49 | 9 |
| Proportion of deaths attributable to tobacco (%) | 36 | 21 | 14 | 5 | 3 | 12 |
| Death rate: Respiratory diseases | 4 | 16 | 89 | 284 | 551 | 33 |
| Death rate attributable to tobacco | 1 | 4 | 36 | 86 | 226 | 11 |
| Proportion of deaths attributable to tobacco (%) | 25 | 26 | 40 | 30 | 41 | 34 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 5 | 48 | 126 | 312 | 15 |
| Death rate attributable to tobacco | 1 | 3 | 31 | 71 | 195 | 9 |
| Proportion of deaths attributable to tobacco (%) | 77 | 57 | 64 | 56 | 62 | 61 |
| Death rate: Other respiratory diseases | 3 | 11 | 41 | 158 | 239 | 18 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 15 | 32 | 2 |
| Proportion of deaths attributable to tobacco (%) | 10 | 13 | 12 | 9 | 13 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 253 | 897 | 2,738 | 6,521 | 17,876 | 1,068 | 167 | 565 | 1,699 | 4,684 | 15,121 | 819 |
| Death rate attributable to tobacco | 46 | 277 | 600 | 811 | 1,240 | 196 | 3 | 8 | 34 | 53 | 365 | 14 |
| Proportion of deaths attributable to tobacco (%) | 18 | 31 | 22 | 12 | 7 | 18 | 2 | 1 | 2 | 1 | 2 | 2 |
| <u>Death rate: Communicable diseases</u> | 20 | 36 | 102 | 257 | 1,288 | 54 | 28 | 31 | 71 | 246 | 819 | 53 |
| Death rate attributable to tobacco | 1 | 4 | 12 | 26 | 175 | 6 | 0 | 0 | 1 | 2 | 43 | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 12 | 10 | 14 | 10 | 1 | 0 | 1 | 1 | 5 | 2 |
| <i>Death rate: Tuberculosis</i> | 0 | 2 | 2 | 5 | 7 | 1 | 1 | 1 | 1 | 3 | 3 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 17 | 18 | 15 | 11 | 12 | 16 | 2 | 0 | 1 | 1 | 4 | 1 |
| <i>Death rate: Lower respiratory infections</i> | 4 | 15 | 57 | 166 | 1,045 | 29 | 7 | 11 | 40 | 147 | 566 | 25 |
| Death rate attributable to tobacco | 1 | 4 | 12 | 26 | 174 | 5 | 0 | 0 | 1 | 2 | 43 | 1 |
| Proportion of deaths attributable to tobacco (%) | 23 | 24 | 20 | 15 | 17 | 19 | 3 | 1 | 2 | 2 | 8 | 4 |
| <u>Death rate: Noncommunicable diseases</u> | 136 | 757 | 2,526 | 6,049 | 16,112 | 906 | 121 | 515 | 1,595 | 4,391 | 13,930 | 740 |
| Death rate attributable to tobacco | 45 | 272 | 589 | 785 | 1,065 | 191 | 3 | 7 | 33 | 51 | 321 | 13 |
| Proportion of deaths attributable to tobacco (%) | 33 | 36 | 23 | 13 | 7 | 21 | 2 | 1 | 2 | 1 | 2 | 2 |
| <i>Death rate: All malignant neoplasms</i> | 37 | 177 | 543 | 1,040 | 1,953 | 178 | 54 | 181 | 319 | 471 | 1,530 | 151 |
| Death rate attributable to tobacco | 7 | 64 | 201 | 299 | 469 | 55 | 1 | 1 | 5 | 7 | 55 | 2 |
| Proportion of deaths attributable to tobacco (%) | 19 | 36 | 37 | 29 | 24 | 31 | 1 | 1 | 2 | 1 | 4 | 1 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 48 | 151 | 224 | 296 | 40 | 2 | 7 | 20 | 35 | 66 | 7 |
| Death rate attributable to tobacco | 2 | 41 | 134 | 193 | 253 | 34 | 0 | 1 | 4 | 5 | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | 58 | 85 | 89 | 86 | 86 | 85 | 13 | 8 | 18 | 14 | 39 | 16 |
| <i>Death rate: All other malignant neoplasms</i> | 33 | 129 | 392 | 816 | 1,657 | 137 | 53 | 174 | 299 | 436 | 1,464 | 143 |
| Death rate attributable to tobacco | 5 | 23 | 67 | 106 | 216 | 21 | 0 | 0 | 1 | 2 | 29 | 1 |
| Proportion of deaths attributable to tobacco (%) | 14 | 18 | 17 | 13 | 13 | 15 | 1 | 0 | 0 | 0 | 2 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 61 | 469 | 1,555 | 3,812 | 10,226 | 551 | 33 | 240 | 977 | 2,988 | 9,943 | 442 |
| Death rate attributable to tobacco | 36 | 198 | 310 | 304 | 125 | 112 | 2 | 6 | 25 | 34 | 175 | 9 |
| Proportion of deaths attributable to tobacco (%) | 60 | 42 | 20 | 8 | 1 | 20 | 6 | 3 | 3 | 1 | 2 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 44 | 316 | 916 | 1,952 | 4,465 | 311 | 9 | 112 | 472 | 1,257 | 4,235 | 193 |
| Death rate attributable to tobacco | 26 | 132 | 180 | 159 | 52 | 71 | 0 | 2 | 11 | 12 | 108 | 4 |
| Proportion of deaths attributable to tobacco (%) | 60 | 42 | 20 | 8 | 1 | 23 | 4 | 2 | 2 | 1 | 3 | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 5 | 114 | 467 | 1,477 | 3,974 | 173 | 10 | 73 | 356 | 1,277 | 3,600 | 164 |
| Death rate attributable to tobacco | 2 | 48 | 91 | 107 | 46 | 26 | 1 | 2 | 10 | 17 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 41 | 43 | 19 | 7 | 1 | 15 | 10 | 3 | 3 | 1 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 12 | 39 | 171 | 384 | 1,788 | 66 | 14 | 55 | 149 | 454 | 2,108 | 86 |
| Death rate attributable to tobacco | 8 | 18 | 39 | 38 | 26 | 15 | 1 | 2 | 4 | 5 | 67 | 2 |
| Proportion of deaths attributable to tobacco (%) | 66 | 47 | 23 | 10 | 1 | 22 | 5 | 3 | 3 | 1 | 3 | 3 |
| <u>Death rate: Respiratory diseases</u> | 4 | 18 | 124 | 383 | 875 | 42 | 5 | 14 | 52 | 185 | 299 | 23 |
| Death rate attributable to tobacco | 2 | 8 | 67 | 163 | 424 | 20 | 0 | 0 | 3 | 9 | 72 | 2 |
| Proportion of deaths attributable to tobacco (%) | 49 | 44 | 54 | 43 | 48 | 47 | 3 | 3 | 6 | 5 | 24 | 8 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 7 | 78 | 204 | 536 | 24 | - | 3 | 15 | 48 | 138 | 6 |
| Death rate attributable to tobacco | 1 | 5 | 57 | 136 | 367 | 17 | - | 0 | 2 | 6 | 60 | 1 |
| Proportion of deaths attributable to tobacco (%) | 77 | 77 | 73 | 66 | 69 | 70 | | 8 | 15 | 14 | 44 | 23 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 11 | 46 | 178 | 339 | 19 | 5 | 11 | 36 | 137 | 161 | 17 |
| Death rate attributable to tobacco | 0 | 3 | 9 | 27 | 56 | 3 | 0 | 0 | 1 | 2 | 12 | 0 |
| Proportion of deaths attributable to tobacco (%) | 23 | 24 | 20 | 15 | 17 | 18 | 3 | 1 | 2 | 2 | 8 | 3 |

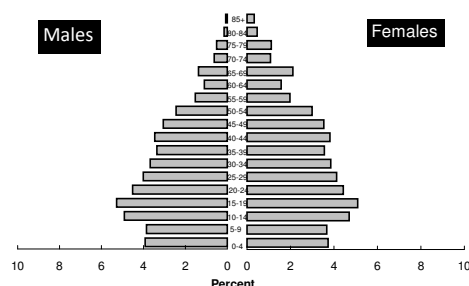
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Kazakhstan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,001 | 3,888 | 7,889 |
| 30-44 | 1,585 | 1,697 | 3,282 |
| 45-59 | 1,061 | 1,286 | 2,347 |
| 60-69 | 372 | 556 | 927 |
| 70-79 | 172 | 333 | 504 |
| 80+ | 35 | 122 | 157 |
| Total | 7,226 | 7,881 | 15,107 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1999 per 100,000 population) was about 21.1 times that for communicable diseases (95 per 100,000). Tobacco was responsible for 26% of all NCDs compared with 28% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 714 deaths per 100,000 population aged 30 years and over, with 24% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 68 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 34% of all lower respiratory infection deaths and 32% of all tuberculosis deaths.

- The death rate due to tobacco in men was (952 per 100,000 men aged 30 years and over) compared with women (234 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 35% for men and 12% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 34.2% of those whose death was due to a lower respiratory infection, 51.3% of deaths due to the category of 'all cardiovascular diseases combined', and 86.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 546 | 1,545 | 4,208 | 8,563 | 19,319 | 2,311 |
| Death rate attributable to tobacco | 144 | 507 | 1,459 | 1,711 | 793 | 555 |
| Proportion of deaths attributable to tobacco (%) | 26 | 33 | 35 | 20 | 4 | 24 |
| Death rate: Communicable diseases | 67 | 121 | 117 | 106 | 129 | 95 |
| Death rate attributable to tobacco | 20 | 35 | 35 | 23 | 12 | 27 |
| Proportion of deaths attributable to tobacco (%) | 30 | 29 | 30 | 21 | 9 | 28 |
| Death rate: Tuberculosis | 34 | 42 | 30 | 35 | 32 | 36 |
| Death rate attributable to tobacco | 12 | 13 | 10 | 8 | 4 | 12 |
| Proportion of deaths attributable to tobacco (%) | 36 | 30 | 32 | 22 | 11 | 32 |
| Death rate: Lower respiratory infections | 17 | 64 | 67 | 60 | 83 | 43 |
| Death rate attributable to tobacco | 7 | 22 | 25 | 14 | 8 | 15 |
| Proportion of deaths attributable to tobacco (%) | 43 | 34 | 36 | 24 | 10 | 34 |
| Death rate: Noncommunicable diseases | 286 | 1,172 | 3,868 | 8,260 | 19,024 | 1,999 |
| Death rate attributable to tobacco | 124 | 472 | 1,424 | 1,688 | 781 | 528 |
| Proportion of deaths attributable to tobacco (%) | 43 | 40 | 37 | 20 | 4 | 26 |
| Death rate: All malignant neoplasms | 45 | 253 | 814 | 1,151 | 1,042 | 310 |
| Death rate attributable to tobacco | 13 | 92 | 375 | 426 | 181 | 118 |
| Proportion of deaths attributable to tobacco (%) | 29 | 36 | 46 | 37 | 17 | 38 |
| Death rate: Trachea, bronchus, lung cancers | 7 | 53 | 213 | 245 | 130 | 68 |
| Death rate attributable to tobacco | 6 | 46 | 196 | 215 | 89 | 60 |
| Proportion of deaths attributable to tobacco (%) | 78 | 87 | 92 | 88 | 69 | 88 |
| Death rate: All other malignant neoplasms | 38 | 200 | 601 | 906 | 912 | 243 |
| Death rate attributable to tobacco | 7 | 47 | 179 | 210 | 92 | 58 |
| Proportion of deaths attributable to tobacco (%) | 19 | 23 | 30 | 23 | 10 | 24 |
| Death rate: All Cardiovascular diseases | 144 | 673 | 2,479 | 6,159 | 16,645 | 1,396 |
| Death rate attributable to tobacco | 103 | 345 | 884 | 915 | 211 | 341 |
| Proportion of deaths attributable to tobacco (%) | 71 | 51 | 36 | 15 | 1 | 24 |
| Death rate: Ischaemic heart disease | 57 | 346 | 1,308 | 3,283 | 8,157 | 714 |
| Death rate attributable to tobacco | 42 | 183 | 463 | 468 | 119 | 173 |
| Proportion of deaths attributable to tobacco (%) | 73 | 53 | 35 | 14 | 1 | 24 |
| Death rate: Cerebrovascular disease | 27 | 176 | 717 | 1,800 | 4,336 | 382 |
| Death rate attributable to tobacco | 17 | 85 | 249 | 273 | 14 | 87 |
| Proportion of deaths attributable to tobacco (%) | 65 | 48 | 35 | 15 | 0 | 23 |
| Death rate: Other cardiovascular diseases | 61 | 151 | 454 | 1,075 | 4,151 | 300 |
| Death rate attributable to tobacco | 44 | 77 | 171 | 174 | 77 | 81 |
| Proportion of deaths attributable to tobacco (%) | 72 | 51 | 38 | 16 | 2 | 27 |
| Death rate: Respiratory diseases | 10 | 46 | 201 | 462 | 845 | 96 |
| Death rate attributable to tobacco | 8 | 33 | 158 | 338 | 387 | 67 |
| Proportion of deaths attributable to tobacco (%) | 75 | 72 | 79 | 73 | 46 | 69 |
| Death rate: Chronic obstructive pulmonary disease | 7 | 37 | 182 | 429 | 787 | 86 |
| Death rate attributable to tobacco | 7 | 30 | 151 | 330 | 381 | 63 |
| Proportion of deaths attributable to tobacco (%) | 88 | 80 | 83 | 77 | 48 | 74 |
| Death rate: Other respiratory diseases | 3 | 9 | 19 | 32 | 58 | 10 |
| Death rate attributable to tobacco | 1 | 3 | 7 | 9 | 6 | 3 |
| Proportion of deaths attributable to tobacco (%) | 44 | 35 | 37 | 26 | 9 | 31 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|--------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 816 | 2,331 | 6,310 | 11,482 | 21,256 | 2,739 | 294 | 897 | 2,803 | 7,056 | 18,759 | 1,964 |
| Death rate attributable to tobacco | 245 | 957 | 2,800 | 3,204 | 2,108 | 952 | 50 | 135 | 563 | 939 | 413 | 234 |
| Proportion of deaths attributable to tobacco (%) | 30 | 41 | 44 | 28 | 10 | 35 | 17 | 15 | 20 | 13 | 2 | 12 |
| <u>Death rate: Communicable diseases</u> | 102 | 213 | 207 | 174 | 217 | 155 | 34 | 46 | 57 | 71 | 104 | 46 |
| Death rate attributable to tobacco | 36 | 72 | 77 | 48 | 40 | 53 | 5 | 4 | 7 | 9 | 4 | 5 |
| Proportion of deaths attributable to tobacco (%) | 36 | 34 | 37 | 28 | 18 | 34 | 14 | 8 | 12 | 13 | 3 | 11 |
| <i>Death rate: Tuberculosis</i> | 63 | 84 | 64 | 81 | 93 | 71 | 7 | 7 | 8 | 10 | 15 | 8 |
| Death rate attributable to tobacco | 24 | 27 | 23 | 21 | 15 | 25 | 1 | 0 | 1 | 1 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 38 | 33 | 36 | 25 | 16 | 35 | 21 | 6 | 10 | 9 | 2 | 13 |
| <i>Death rate: Lower respiratory infections</i> | 25 | 107 | 118 | 81 | 113 | 67 | 10 | 28 | 34 | 49 | 74 | 24 |
| Death rate attributable to tobacco | 12 | 44 | 53 | 27 | 25 | 28 | 3 | 3 | 6 | 8 | 3 | 4 |
| Proportion of deaths attributable to tobacco (%) | 47 | 41 | 45 | 33 | 22 | 42 | 33 | 12 | 18 | 17 | 4 | 17 |
| <u>Death rate: Noncommunicable diseases</u> | 392 | 1,681 | 5,703 | 10,976 | 20,813 | 2,215 | 186 | 752 | 2,642 | 6,857 | 18,506 | 1,825 |
| Death rate attributable to tobacco | 209 | 885 | 2,723 | 3,156 | 2,068 | 898 | 45 | 131 | 556 | 930 | 409 | 229 |
| Proportion of deaths attributable to tobacco (%) | 53 | 53 | 48 | 29 | 10 | 41 | 24 | 17 | 21 | 14 | 2 | 13 |
| <i>Death rate: All malignant neoplasms</i> | 39 | 310 | 1,224 | 1,763 | 1,594 | 373 | 51 | 206 | 540 | 835 | 883 | 260 |
| Death rate attributable to tobacco | 18 | 183 | 795 | 976 | 665 | 220 | 8 | 18 | 94 | 141 | 41 | 35 |
| Proportion of deaths attributable to tobacco (%) | 47 | 59 | 65 | 55 | 42 | 59 | 16 | 9 | 17 | 17 | 5 | 14 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 10 | 98 | 444 | 552 | 393 | 122 | 5 | 15 | 58 | 87 | 54 | 24 |
| Death rate attributable to tobacco | 8 | 91 | 427 | 521 | 350 | 115 | 3 | 8 | 41 | 57 | 14 | 15 |
| Proportion of deaths attributable to tobacco (%) | 83 | 93 | 96 | 94 | 89 | 94 | 67 | 55 | 71 | 66 | 26 | 63 |
| <i>Death rate: All other malignant neoplasms</i> | 29 | 212 | 780 | 1,210 | 1,202 | 251 | 46 | 191 | 482 | 749 | 828 | 236 |
| Death rate attributable to tobacco | 10 | 92 | 368 | 454 | 315 | 105 | 5 | 9 | 53 | 85 | 27 | 20 |
| Proportion of deaths attributable to tobacco (%) | 34 | 43 | 47 | 38 | 26 | 42 | 10 | 5 | 11 | 11 | 3 | 9 |
| <i>Death rate: All Cardiovascular diseases</i> | 219 | 1,019 | 3,611 | 7,745 | 17,063 | 1,458 | 74 | 388 | 1,722 | 5,340 | 16,524 | 1,345 |
| Death rate attributable to tobacco | 178 | 639 | 1,613 | 1,500 | 292 | 566 | 33 | 103 | 396 | 613 | 187 | 159 |
| Proportion of deaths attributable to tobacco (%) | 81 | 63 | 45 | 19 | 2 | 39 | 44 | 27 | 23 | 11 | 1 | 12 |
| <i>Death rate: Ischaemic heart disease</i> | 97 | 592 | 2,038 | 4,399 | 9,066 | 811 | 20 | 144 | 820 | 2,707 | 7,894 | 635 |
| Death rate attributable to tobacco | 79 | 364 | 894 | 851 | 145 | 309 | 7 | 34 | 175 | 271 | 111 | 64 |
| Proportion of deaths attributable to tobacco (%) | 82 | 61 | 44 | 19 | 2 | 38 | 34 | 24 | 21 | 10 | 1 | 10 |
| <i>Death rate: Cerebrovascular disease</i> | 34 | 227 | 966 | 2,184 | 4,030 | 363 | 20 | 133 | 551 | 1,603 | 4,425 | 396 |
| Death rate attributable to tobacco | 23 | 142 | 421 | 382 | 65 | 128 | 12 | 38 | 134 | 217 | - | 54 |
| Proportion of deaths attributable to tobacco (%) | 68 | 62 | 44 | 17 | 2 | 35 | 60 | 29 | 24 | 14 | - | 14 |
| <i>Death rate: Other cardiovascular diseases</i> | 88 | 200 | 607 | 1,162 | 3,967 | 284 | 35 | 111 | 351 | 1,030 | 4,205 | 313 |
| Death rate attributable to tobacco | 75 | 133 | 298 | 267 | 82 | 130 | 14 | 31 | 87 | 125 | 76 | 41 |
| Proportion of deaths attributable to tobacco (%) | 85 | 67 | 49 | 23 | 2 | 46 | 40 | 28 | 25 | 12 | 2 | 13 |
| <i>Death rate: Respiratory diseases</i> | 16 | 76 | 354 | 825 | 1,525 | 134 | 6 | 20 | 99 | 274 | 648 | 65 |
| Death rate attributable to tobacco | 12 | 61 | 302 | 666 | 1,103 | 108 | 4 | 10 | 62 | 169 | 180 | 33 |
| Proportion of deaths attributable to tobacco (%) | 78 | 79 | 85 | 81 | 72 | 81 | 68 | 48 | 62 | 62 | 28 | 50 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 11 | 62 | 320 | 768 | 1,448 | 119 | 4 | 17 | 90 | 255 | 595 | 59 |
| Death rate attributable to tobacco | 10 | 55 | 287 | 647 | 1,087 | 102 | 3 | 9 | 60 | 166 | 177 | 32 |
| Proportion of deaths attributable to tobacco (%) | 91 | 88 | 90 | 84 | 75 | 86 | 83 | 56 | 67 | 65 | 30 | 54 |
| <i>Death rate: Other respiratory diseases</i> | 5 | 15 | 34 | 57 | 77 | 15 | 2 | 3 | 9 | 20 | 53 | 6 |
| Death rate attributable to tobacco | 2 | 6 | 15 | 19 | 17 | 6 | 1 | 0 | 2 | 3 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 41 | 45 | 33 | 22 | 40 | 33 | 12 | 18 | 17 | 4 | 15 |

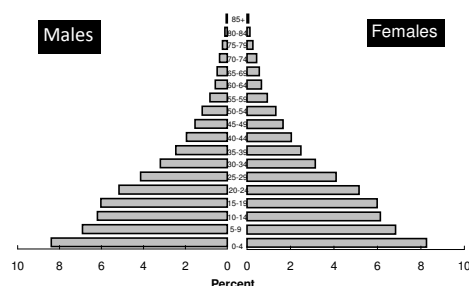
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Kenya

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 12,771 | 12,648 | 25,420 |
| 30-44 | 2,633 | 2,654 | 5,287 |
| 45-59 | 1,237 | 1,360 | 2,597 |
| 60-69 | 367 | 425 | 792 |
| 70-79 | 209 | 244 | 452 |
| 80+ | 57 | 70 | 127 |
| Total | 17,274 | 17,400 | 34,675 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (914 per 100,000 population) was about 0.6 times that for communicable diseases (1425 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 131 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 44% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (71 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,661 | 2,214 | 3,431 | 7,555 | 17,948 | 2,479 |
| Death rate attributable to tobacco | - | 21 | 144 | 222 | 412 | 35 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 2 | 1 |
| Death rate: Communicable diseases | 1,455 | 1,408 | 894 | 1,487 | 3,583 | 1,425 |
| Death rate attributable to tobacco | - | 3 | 13 | 22 | 68 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 2 | 0 |
| Death rate: Tuberculosis | 155 | 255 | 320 | 306 | 247 | 206 |
| Death rate attributable to tobacco | - | 3 | 9 | 7 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 3 | 1 |
| Death rate: Lower respiratory infections | 3 | 20 | 142 | 630 | 2,052 | 78 |
| Death rate attributable to tobacco | - | 0 | 4 | 15 | 60 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 2 | 3 | 2 |
| Death rate: Noncommunicable diseases | 95 | 667 | 2,344 | 5,774 | 13,872 | 914 |
| Death rate attributable to tobacco | - | 17 | 131 | 200 | 344 | 31 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 3 | 2 | 3 |
| Death rate: All malignant neoplasms | 17 | 146 | 482 | 1,055 | 1,894 | 169 |
| Death rate attributable to tobacco | - | 6 | 50 | 78 | 139 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 7 | 7 | 7 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 7 | 28 | 46 | 63 | 8 |
| Death rate attributable to tobacco | - | 1 | 16 | 24 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 56 | 51 | 57 | 44 |
| Death rate: All other malignant neoplasms | 16 | 139 | 454 | 1,009 | 1,831 | 161 |
| Death rate attributable to tobacco | - | 4 | 35 | 54 | 104 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 8 | 5 | 6 | 5 |
| Death rate: All Cardiovascular diseases | 32 | 271 | 1,034 | 2,823 | 7,719 | 427 |
| Death rate attributable to tobacco | - | 7 | 32 | 31 | 13 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 6 | 88 | 380 | 895 | 1,964 | 131 |
| Death rate attributable to tobacco | - | 3 | 13 | 12 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 13 | 101 | 378 | 1,030 | 2,681 | 155 |
| Death rate attributable to tobacco | - | 2 | 10 | 9 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 13 | 82 | 276 | 898 | 3,075 | 140 |
| Death rate attributable to tobacco | - | 2 | 9 | 10 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 12 | 73 | 277 | 638 | 1,335 | 101 |
| Death rate attributable to tobacco | - | 5 | 46 | 87 | 184 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 17 | 14 | 14 | 12 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 28 | 138 | 331 | 627 | 46 |
| Death rate attributable to tobacco | - | 4 | 41 | 79 | 163 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 30 | 24 | 26 | 23 |
| Death rate: Other respiratory diseases | 10 | 45 | 139 | 308 | 707 | 55 |
| Death rate attributable to tobacco | - | 1 | 5 | 8 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 3 | 3 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,381 | 2,473 | 4,273 | 8,474 | 19,115 | 2,471 | 1,939 | 1,977 | 2,705 | 6,767 | 16,988 | 2,487 |
| Death rate attributable to tobacco | - | 44 | 311 | 480 | 914 | 71 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 6 | 5 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 1,132 | 1,574 | 1,264 | 1,747 | 4,013 | 1,329 | 1,776 | 1,258 | 576 | 1,265 | 3,230 | 1,515 |
| Death rate attributable to tobacco | - | 7 | 28 | 48 | 151 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 3 | 4 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 225 | 422 | 457 | 488 | 403 | 313 | 85 | 103 | 201 | 149 | 119 | 104 |
| Death rate attributable to tobacco | - | 7 | 19 | 16 | 17 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 3 | 4 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 5 | 12 | 142 | 686 | 2,286 | 79 | 0 | 27 | 141 | 581 | 1,860 | 78 |
| Death rate attributable to tobacco | - | 0 | 8 | 32 | 133 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 5 | 6 | 5 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 68 | 683 | 2,740 | 6,357 | 14,594 | 931 | 122 | 653 | 2,003 | 5,274 | 13,278 | 899 |
| Death rate attributable to tobacco | - | 36 | 284 | 433 | 763 | 63 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 7 | 5 | 7 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 9 | 138 | 591 | 1,333 | 2,579 | 186 | 24 | 153 | 389 | 817 | 1,330 | 153 |
| Death rate attributable to tobacco | - | 12 | 109 | 168 | 308 | 24 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 18 | 13 | 12 | 13 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 0 | 10 | 51 | 82 | 121 | 13 | 1 | 4 | 8 | 15 | 15 | 3 |
| Death rate attributable to tobacco | - | 3 | 34 | 51 | 79 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 66 | 62 | 65 | 56 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 9 | 128 | 540 | 1,250 | 2,458 | 173 | 24 | 149 | 381 | 803 | 1,315 | 150 |
| Death rate attributable to tobacco | - | 9 | 75 | 117 | 230 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 14 | 9 | 9 | 10 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 22 | 270 | 1,139 | 2,825 | 7,336 | 404 | 43 | 272 | 944 | 2,822 | 8,034 | 449 |
| Death rate attributable to tobacco | - | 15 | 70 | 67 | 30 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 6 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 6 | 114 | 494 | 1,121 | 2,203 | 155 | 6 | 65 | 281 | 701 | 1,767 | 109 |
| Death rate attributable to tobacco | - | 6 | 29 | 26 | 8 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 95 | 389 | 933 | 2,296 | 135 | 18 | 107 | 370 | 1,114 | 2,997 | 175 |
| Death rate attributable to tobacco | - | 5 | 22 | 19 | 8 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 8 | 61 | 256 | 771 | 2,837 | 114 | 19 | 100 | 293 | 1,007 | 3,271 | 165 |
| Death rate attributable to tobacco | - | 4 | 19 | 23 | 13 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 3 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 9 | 92 | 399 | 884 | 1,706 | 126 | 15 | 57 | 171 | 428 | 1,029 | 77 |
| Death rate attributable to tobacco | - | 9 | 100 | 189 | 408 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 25 | 21 | 24 | 20 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 40 | 218 | 497 | 895 | 64 | 3 | 18 | 68 | 188 | 407 | 28 |
| Death rate attributable to tobacco | - | 8 | 89 | 171 | 361 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 41 | 34 | 40 | 34 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 6 | 52 | 181 | 388 | 811 | 61 | 13 | 39 | 102 | 239 | 622 | 49 |
| Death rate attributable to tobacco | - | 1 | 11 | 18 | 47 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 5 | 6 | 4 | - | - | - | - | - | - |

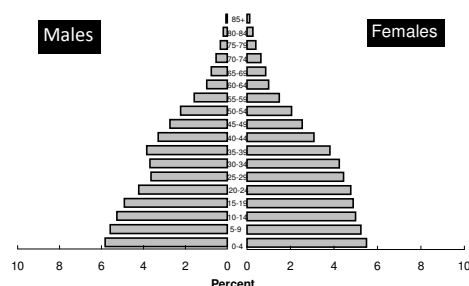
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Kiribati

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 27 | 27 | 54 |
| 30-44 | 10 | 10 | 20 |
| 45-59 | 6 | 5 | 11 |
| 60-69 | 2 | 2 | 3 |
| 70-79 | 1 | 1 | 2 |
| 80+ | 0 | 0 | 1 |
| Total | 45 | 45 | 90 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1038 per 100,000 population) was about 5 times that for communicable diseases (206 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 19 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (106 per 100,000 men aged 30 years and over) compared with women (27 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 8% for men and 2% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 28 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 0% of those whose death was due to a lower respiratory infection, 8.6% of deaths due to the category of 'all cardiovascular diseases combined', and 47% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 494 | 1,079 | 2,348 | 4,752 | 14,807 | 1,267 |
| Death rate attributable to tobacco | 76 | 39 | - | 291 | - | 66 |
| Proportion of deaths attributable to tobacco (%) | 15 | 4 | - | 6 | - | 5 |
| Death rate: Communicable diseases | 55 | 98 | 360 | 970 | 4,300 | 206 |
| Death rate attributable to tobacco | 1 | 0 | - | 21 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 0 | - | 2 | - | 1 |
| Death rate: Tuberculosis | 3 | 16 | 45 | 52 | 53 | 14 |
| Death rate attributable to tobacco | 1 | 0 | - | 2 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 23 | 2 | - | 4 | - | 4 |
| Death rate: Lower respiratory infections | - | 15 | 7 | 145 | 850 | 26 |
| Death rate attributable to tobacco | - | - | - | 19 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 13 | - | 3 |
| Death rate: Noncommunicable diseases | 422 | 957 | 1,974 | 3,755 | 10,200 | 1,038 |
| Death rate attributable to tobacco | 75 | 38 | - | 270 | - | 65 |
| Proportion of deaths attributable to tobacco (%) | 18 | 4 | - | 7 | - | 6 |
| Death rate: All malignant neoplasms | 26 | 92 | 191 | 301 | 413 | 80 |
| Death rate attributable to tobacco | 3 | 5 | - | 65 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 13 | 6 | - | 21 | - | 8 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 7 | - | 72 | - | 8 |
| Death rate attributable to tobacco | 3 | 3 | - | 55 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 80 | 47 | - | 77 | - | 70 |
| Death rate: All other malignant neoplasms | 22 | 85 | 191 | 230 | 413 | 73 |
| Death rate attributable to tobacco | - | 2 | - | 9 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | - | 4 | - | 1 |
| Death rate: All Cardiovascular diseases | 118 | 329 | 632 | 1,665 | 3,469 | 355 |
| Death rate attributable to tobacco | 57 | 28 | - | 189 | - | 48 |
| Proportion of deaths attributable to tobacco (%) | 48 | 9 | - | 11 | - | 14 |
| Death rate: Ischaemic heart disease | 1 | 24 | 51 | 114 | 63 | 19 |
| Death rate attributable to tobacco | 1 | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 81 | 9 | - | - | - | 6 |
| Death rate: Cerebrovascular disease | 59 | 161 | 378 | 1,156 | 2,117 | 203 |
| Death rate attributable to tobacco | 35 | 13 | - | 177 | - | 31 |
| Proportion of deaths attributable to tobacco (%) | 59 | 8 | - | 15 | - | 15 |
| Death rate: Other cardiovascular diseases | 58 | 145 | 202 | 394 | 1,288 | 133 |
| Death rate attributable to tobacco | 21 | 13 | - | 13 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 37 | 9 | - | 3 | - | 12 |
| Death rate: Respiratory diseases | 15 | 45 | 179 | 281 | 789 | 64 |
| Death rate attributable to tobacco | 5 | 2 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 36 | 5 | - | - | - | 6 |
| Death rate: Chronic obstructive pulmonary disease | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Other respiratory diseases | 15 | 45 | 179 | 281 | 789 | 64 |
| Death rate attributable to tobacco | 5 | 2 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 36 | 5 | - | - | - | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 636 | 1,352 | 2,342 | 5,180 | 14,209 | 1,383 | 355 | 785 | 2,353 | 4,396 | 15,203 | 1,153 |
| Death rate attributable to tobacco | 154 | 74 | - | - | - | 106 | - | - | - | 534 | - | 27 |
| Proportion of deaths attributable to tobacco (%) | 24 | 6 | - | - | - | 8 | - | - | - | 12 | - | 2 |
| <u>Death rate: Communicable diseases</u> | 58 | 43 | 377 | 1,026 | 1,885 | 146 | 51 | 157 | 344 | 923 | 5,897 | 265 |
| Death rate attributable to tobacco | 1 | 1 | - | - | - | 1 | - | - | - | 39 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 3 | 2 | - | - | - | 1 | - | - | - | 4 | - | 1 |
| <u>Death rate: Tuberculosis</u> | 4 | 21 | 62 | 83 | 74 | 19 | 2 | 11 | 29 | 27 | 38 | 9 |
| Death rate attributable to tobacco | 1 | 1 | - | - | - | 1 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 37 | 3 | - | - | - | 5 | - | - | - | 15 | - | 2 |
| <u>Death rate: Lower respiratory infections</u> | - | - | 14 | 158 | 1,082 | 22 | - | 31 | - | 133 | 697 | 29 |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | 35 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | 26 | - | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 550 | 1,263 | 1,937 | 4,093 | 12,324 | 1,203 | 298 | 628 | 2,009 | 3,474 | 8,797 | 875 |
| Death rate attributable to tobacco | 152 | 74 | - | - | - | 105 | - | - | - | 495 | - | 25 |
| Proportion of deaths attributable to tobacco (%) | 28 | 6 | - | - | - | 9 | - | - | - | 14 | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 8 | 83 | 182 | 347 | - | 62 | 44 | 102 | 199 | 263 | 687 | 99 |
| Death rate attributable to tobacco | 7 | 10 | - | - | - | 7 | - | - | - | 118 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 80 | 12 | - | - | - | 11 | - | - | - | 45 | - | 6 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 13 | - | - | - | 9 | - | - | - | 131 | - | 7 |
| Death rate attributable to tobacco | 7 | 6 | - | - | - | 6 | - | - | - | 101 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 80 | 47 | - | - | - | 64 | - | - | - | 77 | - | 77 |
| <u>Death rate: All other malignant neoplasms</u> | - | 70 | 182 | 347 | - | 53 | 44 | 102 | 199 | 132 | 687 | 92 |
| Death rate attributable to tobacco | - | 4 | - | - | - | 1 | - | - | - | 17 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | - | - | - | 2 | - | - | - | 13 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 160 | 496 | 768 | 1,726 | 6,318 | 467 | 78 | 150 | 504 | 1,613 | 1,586 | 245 |
| Death rate attributable to tobacco | 116 | 55 | - | - | - | 80 | - | - | - | 347 | - | 18 |
| Proportion of deaths attributable to tobacco (%) | 73 | 11 | - | - | - | 17 | - | - | - | 21 | - | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 2 | 43 | 46 | 251 | 15 | 30 | - | 3 | 55 | - | 95 | 8 |
| Death rate attributable to tobacco | 1 | 4 | - | - | - | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 81 | 10 | - | - | - | 7 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 107 | 250 | 446 | 764 | 5,321 | 277 | 13 | 65 | 315 | 1,482 | - | 130 |
| Death rate attributable to tobacco | 71 | 26 | - | - | - | 46 | - | - | - | 323 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 67 | 10 | - | - | - | 17 | - | - | - | 22 | - | 13 |
| <u>Death rate: Other cardiovascular diseases</u> | 51 | 203 | 276 | 711 | 982 | 160 | 65 | 82 | 133 | 131 | 1,491 | 107 |
| Death rate attributable to tobacco | 43 | 25 | - | - | - | 31 | - | - | - | 23 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 85 | 12 | - | - | - | 20 | - | - | - | 18 | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 24 | 87 | 207 | 619 | 984 | 98 | 6 | - | 153 | - | 660 | 30 |
| Death rate attributable to tobacco | 11 | 4 | - | - | - | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 46 | 5 | - | - | - | 7 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 24 | 87 | 207 | 619 | 984 | 98 | 6 | - | 153 | - | 660 | 30 |
| Death rate attributable to tobacco | 11 | 4 | - | - | - | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 46 | 5 | - | - | - | 7 | - | - | - | - | - | - |

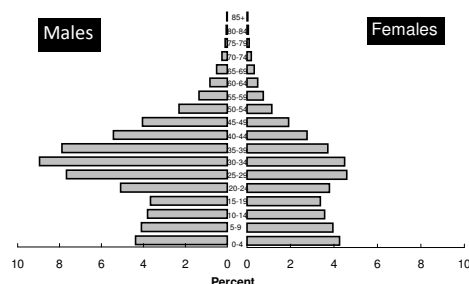
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Kuwait

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 751 | 616 | 1,367 |
| 30-44 | 583 | 287 | 870 |
| 45-59 | 202 | 99 | 301 |
| 60-69 | 35 | 22 | 57 |
| 70-79 | 9 | 8 | 17 |
| 80+ | 2 | 2 | 4 |
| Total | 1,582 | 1,035 | 2,617 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (236 per 100,000 population) was about 13.3 times that for communicable diseases (18 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 69 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 5 deaths per 100,000 population but with 43% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (10 per 100,000 men aged 30 years and over) compared with women (7 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 2% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 74 | 268 | 1,470 | 4,568 | 11,542 | 285 |
| Death rate attributable to tobacco | - | - | 64 | 317 | 553 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 7 | 5 | 3 |
| Death rate: Communicable diseases | 3 | 11 | 72 | 292 | 1,666 | 18 |
| Death rate attributable to tobacco | - | - | 1 | 19 | 125 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 6 | 7 | 4 |
| Death rate: Tuberculosis | 1 | 1 | 8 | 46 | 251 | 2 |
| Death rate attributable to tobacco | - | - | 0 | 3 | 17 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 6 | 7 | 4 |
| Death rate: Lower respiratory infections | 1 | 4 | 32 | 169 | 1,050 | 9 |
| Death rate attributable to tobacco | - | - | 1 | 16 | 108 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 9 | 10 | 7 |
| Death rate: Noncommunicable diseases | 43 | 227 | 1,337 | 4,187 | 9,750 | 236 |
| Death rate attributable to tobacco | - | - | 63 | 298 | 428 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 7 | 4 | 4 |
| Death rate: All malignant neoplasms | 8 | 46 | 250 | 633 | 1,169 | 41 |
| Death rate attributable to tobacco | - | - | 27 | 109 | 177 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 11 | 17 | 15 | 8 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 5 | 37 | 108 | 136 | 5 |
| Death rate attributable to tobacco | - | - | 20 | 78 | 95 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 54 | 72 | 70 | 43 |
| Death rate: All other malignant neoplasms | 8 | 40 | 213 | 525 | 1,033 | 36 |
| Death rate attributable to tobacco | - | - | 7 | 31 | 83 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 6 | 8 | 3 |
| Death rate: All Cardiovascular diseases | 27 | 144 | 796 | 2,602 | 6,243 | 147 |
| Death rate attributable to tobacco | - | - | 31 | 142 | 106 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 5 | 2 | 3 |
| Death rate: Ischaemic heart disease | 17 | 90 | 387 | 936 | 1,664 | 69 |
| Death rate attributable to tobacco | - | - | 16 | 48 | 27 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 5 | 2 | 2 |
| Death rate: Cerebrovascular disease | 2 | 11 | 65 | 383 | 1,156 | 16 |
| Death rate attributable to tobacco | - | - | 2 | 21 | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 5 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 9 | 43 | 344 | 1,283 | 3,423 | 61 |
| Death rate attributable to tobacco | - | - | 12 | 74 | 75 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 6 | 2 | 3 |
| Death rate: Respiratory diseases | 1 | 6 | 31 | 139 | 414 | 6 |
| Death rate attributable to tobacco | - | - | 3 | 28 | 100 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 8 | 21 | 24 | 13 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 1 | 8 | 36 | 139 | 2 |
| Death rate attributable to tobacco | - | - | 2 | 19 | 73 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 22 | 53 | 53 | 36 |
| Death rate: Other respiratory diseases | 0 | 5 | 22 | 103 | 274 | 5 |
| Death rate attributable to tobacco | - | - | 1 | 10 | 27 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 9 | 10 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-----------|------------|--------------|--------------|---------------|--------------------------------|-----------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 83 | 286 | 1,501 | 4,603 | 12,729 | 272 | 58 | 231 | 1,419 | 4,527 | 10,574 | 312 |
| Death rate attributable to tobacco | - | - | 101 | 387 | 748 | 10 | - | - | 3 | 235 | 393 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 7 | 8 | 6 | 4 | - | - | 0 | 5 | 4 | 2 |
| <u>Death rate: Communicable diseases</u> | 3 | 12 | 78 | 317 | 1,955 | 16 | 3 | 9 | 61 | 263 | 1,429 | 21 |
| Death rate attributable to tobacco | - | - | 2 | 23 | 182 | 1 | - | - | 0 | 14 | 79 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 7 | 9 | 5 | - | - | 0 | 5 | 5 | 3 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 10 | 57 | 322 | 2 | 1 | 1 | 5 | 33 | 192 | 3 |
| Death rate attributable to tobacco | - | - | 0 | 4 | 28 | 0 | - | - | 0 | 1 | 8 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 7 | 9 | 6 | - | - | 0 | 4 | 4 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 4 | 30 | 185 | 1,242 | 8 | 1 | 3 | 35 | 151 | 893 | 11 |
| Death rate attributable to tobacco | - | - | 2 | 19 | 153 | 1 | - | - | 0 | 13 | 70 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 10 | 12 | 8 | - | - | 0 | 8 | 8 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 46 | 237 | 1,344 | 4,164 | 10,593 | 217 | 38 | 207 | 1,326 | 4,215 | 9,062 | 274 |
| Death rate attributable to tobacco | - | - | 99 | 364 | 567 | 10 | - | - | 3 | 221 | 315 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 7 | 9 | 5 | 4 | - | - | 0 | 5 | 3 | 2 |
| <u>Death rate: All malignant neoplasms</u> | 5 | 31 | 234 | 662 | 1,494 | 32 | 15 | 76 | 275 | 599 | 903 | 59 |
| Death rate attributable to tobacco | - | - | 43 | 162 | 320 | 4 | - | - | 1 | 45 | 60 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 18 | 25 | 21 | 14 | - | - | 0 | 8 | 7 | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 6 | 49 | 152 | 221 | 6 | 0 | 4 | 17 | 56 | 67 | 4 |
| Death rate attributable to tobacco | - | - | 32 | 121 | 178 | 3 | - | - | 0 | 26 | 26 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 65 | 80 | 81 | 50 | - | - | 3 | 47 | 40 | 18 |
| <u>Death rate: All other malignant neoplasms</u> | 4 | 25 | 185 | 509 | 1,273 | 26 | 15 | 72 | 258 | 543 | 837 | 55 |
| Death rate attributable to tobacco | - | - | 11 | 41 | 142 | 1 | - | - | 0 | 19 | 34 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 8 | 11 | 5 | - | - | 0 | 4 | 4 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 34 | 170 | 833 | 2,586 | 6,554 | 145 | 14 | 93 | 737 | 2,621 | 5,989 | 152 |
| Death rate attributable to tobacco | - | - | 48 | 141 | 59 | 4 | - | - | 2 | 143 | 145 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 5 | 1 | 3 | - | - | 0 | 5 | 2 | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 23 | 116 | 465 | 1,074 | 2,047 | 80 | 4 | 38 | 260 | 772 | 1,351 | 47 |
| Death rate attributable to tobacco | - | - | 26 | 57 | 17 | 2 | - | - | 1 | 37 | 36 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 5 | 1 | 2 | - | - | 0 | 5 | 3 | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 12 | 66 | 435 | 1,215 | 15 | 2 | 9 | 65 | 322 | 1,109 | 19 |
| Death rate attributable to tobacco | - | - | 4 | 20 | 10 | 0 | - | - | 0 | 21 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 5 | 1 | 3 | - | - | 0 | 7 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 9 | 42 | 302 | 1,077 | 3,292 | 49 | 7 | 46 | 411 | 1,527 | 3,529 | 86 |
| Death rate attributable to tobacco | - | - | 19 | 64 | 33 | 2 | - | - | 1 | 84 | 109 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 6 | 1 | 3 | - | - | 0 | 6 | 3 | 3 |
| <u>Death rate: Respiratory diseases</u> | 0 | 5 | 28 | 147 | 401 | 5 | 1 | 7 | 34 | 129 | 424 | 9 |
| Death rate attributable to tobacco | - | - | 4 | 37 | 124 | 1 | - | - | 0 | 18 | 80 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 14 | 25 | 31 | 16 | - | - | 1 | 14 | 19 | 9 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 1 | 7 | 49 | 155 | 2 | - | 1 | 10 | 20 | 126 | 2 |
| Death rate attributable to tobacco | - | - | 3 | 27 | 94 | 1 | - | - | 0 | 9 | 56 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 40 | 55 | 60 | 41 | - | - | 2 | 46 | 45 | 27 |
| <u>Death rate: Other respiratory diseases</u> | 0 | 4 | 21 | 98 | 247 | 4 | 1 | 6 | 24 | 109 | 297 | 7 |
| Death rate attributable to tobacco | - | - | 1 | 10 | 30 | 0 | - | - | 0 | 9 | 23 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 10 | 12 | 6 | - | - | 0 | 8 | 8 | 4 |

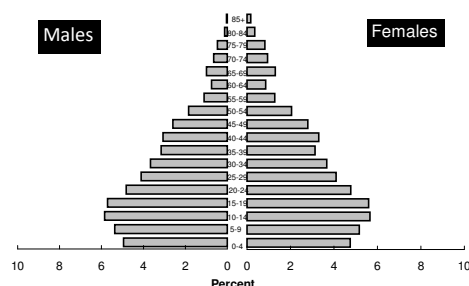
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Kyrgyzstan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,588 | 1,547 | 3,136 |
| 30-44 | 509 | 520 | 1,029 |
| 45-59 | 286 | 316 | 601 |
| 60-69 | 90 | 111 | 201 |
| 70-79 | 58 | 91 | 149 |
| 80+ | 9 | 27 | 36 |
| Total | 2,540 | 2,613 | 5,153 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1633 per 100,000 population) was about 19.2 times that for communicable diseases (85 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 13% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 563 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 29 deaths per 100,000 population but with 74% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 18% of all tuberculosis deaths.

- The death rate due to tobacco in men was (465 per 100,000 men aged 30 years and over) compared with women (76 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 5% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 18.3% of those whose death was due to a lower respiratory infection, 30.7% of deaths due to the category of 'all cardiovascular diseases combined', and 73.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 430 | 1,217 | 3,947 | 7,730 | 17,578 | 1,860 |
| Death rate attributable to tobacco | 83 | 237 | 831 | 783 | 330 | 260 |
| Proportion of deaths attributable to tobacco (%) | 19 | 20 | 21 | 10 | 2 | 14 |
| Death rate: Communicable diseases | 59 | 85 | 126 | 119 | 455 | 85 |
| Death rate attributable to tobacco | 11 | 9 | 19 | 8 | 5 | 11 |
| Proportion of deaths attributable to tobacco (%) | 19 | 11 | 15 | 7 | 1 | 13 |
| Death rate: Tuberculosis | 36 | 36 | 40 | 40 | 34 | 36 |
| Death rate attributable to tobacco | 8 | 5 | 6 | 3 | 1 | 6 |
| Proportion of deaths attributable to tobacco (%) | 23 | 13 | 15 | 8 | 3 | 18 |
| Death rate: Lower respiratory infections | 10 | 25 | 59 | 66 | 399 | 31 |
| Death rate attributable to tobacco | 3 | 5 | 13 | 5 | 4 | 5 |
| Proportion of deaths attributable to tobacco (%) | 32 | 18 | 22 | 8 | 1 | 16 |
| Death rate: Noncommunicable diseases | 252 | 964 | 3,636 | 7,481 | 16,991 | 1,633 |
| Death rate attributable to tobacco | 72 | 228 | 812 | 775 | 325 | 249 |
| Proportion of deaths attributable to tobacco (%) | 28 | 24 | 22 | 10 | 2 | 15 |
| Death rate: All malignant neoplasms | 40 | 176 | 542 | 682 | 630 | 189 |
| Death rate attributable to tobacco | 8 | 39 | 175 | 132 | 32 | 43 |
| Proportion of deaths attributable to tobacco (%) | 19 | 22 | 32 | 19 | 5 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 26 | 105 | 103 | 50 | 29 |
| Death rate attributable to tobacco | 3 | 19 | 88 | 73 | 19 | 22 |
| Proportion of deaths attributable to tobacco (%) | 63 | 73 | 84 | 71 | 38 | 74 |
| Death rate: All other malignant neoplasms | 36 | 150 | 437 | 579 | 580 | 160 |
| Death rate attributable to tobacco | 5 | 20 | 87 | 60 | 13 | 22 |
| Proportion of deaths attributable to tobacco (%) | 14 | 13 | 20 | 10 | 2 | 14 |
| Death rate: All Cardiovascular diseases | 89 | 493 | 2,258 | 5,346 | 13,544 | 1,053 |
| Death rate attributable to tobacco | 53 | 151 | 408 | 234 | 13 | 130 |
| Proportion of deaths attributable to tobacco (%) | 59 | 31 | 18 | 4 | 0 | 12 |
| Death rate: Ischaemic heart disease | 34 | 197 | 1,117 | 3,008 | 8,619 | 563 |
| Death rate attributable to tobacco | 21 | 63 | 201 | 131 | 8 | 60 |
| Proportion of deaths attributable to tobacco (%) | 63 | 32 | 18 | 4 | 0 | 11 |
| Death rate: Cerebrovascular disease | 27 | 211 | 977 | 2,104 | 4,387 | 407 |
| Death rate attributable to tobacco | 13 | 60 | 174 | 91 | 4 | 49 |
| Proportion of deaths attributable to tobacco (%) | 50 | 29 | 18 | 4 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 29 | 86 | 163 | 234 | 538 | 83 |
| Death rate attributable to tobacco | 18 | 28 | 33 | 12 | 1 | 22 |
| Proportion of deaths attributable to tobacco (%) | 62 | 32 | 20 | 5 | 0 | 26 |
| Death rate: Respiratory diseases | 15 | 67 | 357 | 918 | 2,143 | 169 |
| Death rate attributable to tobacco | 11 | 37 | 225 | 406 | 280 | 74 |
| Proportion of deaths attributable to tobacco (%) | 69 | 55 | 63 | 44 | 13 | 44 |
| Death rate: Chronic obstructive pulmonary disease | 12 | 55 | 330 | 846 | 2,034 | 154 |
| Death rate attributable to tobacco | 10 | 35 | 221 | 399 | 278 | 72 |
| Proportion of deaths attributable to tobacco (%) | 79 | 64 | 67 | 47 | 14 | 47 |
| Death rate: Other respiratory diseases | 3 | 12 | 27 | 72 | 109 | 15 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 6 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 28 | 13 | 16 | 9 | 2 | 12 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 624 | 1,732 | 5,329 | 9,102 | 18,848 | 2,090 | 239 | 752 | 2,827 | 6,856 | 17,159 | 1,654 |
| Death rate attributable to tobacco | 145 | 449 | 1,549 | 1,539 | 1,329 | 465 | 23 | 46 | 249 | 302 | - | 76 |
| Proportion of deaths attributable to tobacco (%) | 23 | 26 | 29 | 17 | 7 | 22 | 9 | 6 | 9 | 4 | - | 5 |
| <u>Death rate: Communicable diseases</u> | 84 | 138 | 213 | 163 | 381 | 120 | 36 | 37 | 55 | 92 | 479 | 54 |
| Death rate attributable to tobacco | 21 | 19 | 40 | 17 | 20 | 22 | 2 | 1 | 2 | 3 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 25 | 14 | 19 | 11 | 5 | 18 | 5 | 2 | 4 | 3 | - | 3 |
| <u>Death rate: Tuberculosis</u> | 56 | 58 | 66 | 80 | 85 | 59 | 16 | 15 | 20 | 14 | 17 | 16 |
| Death rate attributable to tobacco | 15 | 10 | 12 | 8 | 3 | 13 | 2 | 0 | 1 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 27 | 16 | 19 | 10 | 4 | 21 | 10 | 2 | 3 | 2 | - | 6 |
| <u>Death rate: Lower respiratory infections</u> | 18 | 42 | 107 | 69 | 286 | 39 | 2 | 10 | 21 | 65 | 436 | 23 |
| Death rate attributable to tobacco | 6 | 9 | 27 | 9 | 16 | 9 | 0 | 0 | 1 | 2 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 34 | 22 | 25 | 14 | 6 | 24 | 17 | 4 | 6 | 4 | - | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 348 | 1,300 | 4,801 | 8,725 | 18,293 | 1,734 | 158 | 659 | 2,692 | 6,688 | 16,561 | 1,543 |
| Death rate attributable to tobacco | 124 | 430 | 1,509 | 1,522 | 1,310 | 443 | 21 | 45 | 247 | 299 | - | 75 |
| Proportion of deaths attributable to tobacco (%) | 36 | 33 | 31 | 17 | 7 | 26 | 13 | 7 | 9 | 4 | - | 5 |
| <u>Death rate: All malignant neoplasms</u> | 36 | 196 | 759 | 897 | 701 | 211 | 45 | 158 | 366 | 545 | 606 | 169 |
| Death rate attributable to tobacco | 12 | 76 | 361 | 308 | 128 | 84 | 3 | 5 | 23 | 21 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 34 | 39 | 48 | 34 | 18 | 40 | 8 | 3 | 6 | 4 | - | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 44 | 198 | 201 | 120 | 49 | 3 | 9 | 30 | 40 | 27 | 11 |
| Death rate attributable to tobacco | 4 | 37 | 180 | 170 | 77 | 42 | 1 | 3 | 13 | 11 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 71 | 84 | 91 | 85 | 65 | 86 | 46 | 28 | 44 | 26 | - | 32 |
| <u>Death rate: All other malignant neoplasms</u> | 30 | 152 | 561 | 696 | 582 | 163 | 42 | 149 | 336 | 505 | 579 | 157 |
| Death rate attributable to tobacco | 8 | 39 | 181 | 137 | 51 | 42 | 2 | 2 | 10 | 10 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 26 | 26 | 32 | 20 | 9 | 26 | 5 | 1 | 3 | 2 | - | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 136 | 697 | 2,902 | 5,895 | 13,990 | 1,047 | 44 | 308 | 1,735 | 4,995 | 13,396 | 1,059 |
| Death rate attributable to tobacco | 94 | 282 | 726 | 414 | 51 | 230 | 12 | 32 | 150 | 119 | - | 41 |
| Proportion of deaths attributable to tobacco (%) | 69 | 41 | 25 | 7 | 0 | 22 | 27 | 10 | 9 | 2 | - | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 56 | 318 | 1,486 | 3,436 | 9,259 | 562 | 12 | 86 | 818 | 2,735 | 8,408 | 563 |
| Death rate attributable to tobacco | 41 | 125 | 369 | 250 | 33 | 110 | 2 | 8 | 65 | 56 | - | 15 |
| Proportion of deaths attributable to tobacco (%) | 73 | 39 | 25 | 7 | 0 | 20 | 18 | 9 | 8 | 2 | - | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 38 | 266 | 1,212 | 2,208 | 4,071 | 387 | 16 | 161 | 787 | 2,037 | 4,492 | 425 |
| Death rate attributable to tobacco | 21 | 107 | 298 | 143 | 15 | 80 | 6 | 18 | 73 | 58 | - | 21 |
| Proportion of deaths attributable to tobacco (%) | 55 | 40 | 25 | 6 | 0 | 21 | 38 | 11 | 9 | 3 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 42 | 113 | 204 | 252 | 660 | 97 | 16 | 61 | 131 | 223 | 497 | 71 |
| Death rate attributable to tobacco | 33 | 51 | 59 | 22 | 3 | 40 | 3 | 7 | 12 | 5 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 77 | 45 | 29 | 9 | 0 | 41 | 22 | 11 | 9 | 2 | - | 8 |
| <u>Death rate: Respiratory diseases</u> | 21 | 100 | 550 | 1,320 | 2,953 | 202 | 10 | 37 | 202 | 661 | 1,876 | 141 |
| Death rate attributable to tobacco | 16 | 69 | 415 | 794 | 1,130 | 128 | 5 | 8 | 71 | 158 | - | 26 |
| Proportion of deaths attributable to tobacco (%) | 76 | 69 | 76 | 60 | 38 | 63 | 55 | 21 | 35 | 24 | - | 18 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 17 | 88 | 517 | 1,228 | 2,811 | 186 | 8 | 26 | 179 | 603 | 1,777 | 126 |
| Death rate attributable to tobacco | 15 | 67 | 407 | 781 | 1,121 | 125 | 5 | 7 | 70 | 156 | - | 25 |
| Proportion of deaths attributable to tobacco (%) | 85 | 76 | 79 | 64 | 40 | 67 | 66 | 28 | 39 | 26 | - | 20 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 12 | 32 | 92 | 142 | 16 | 2 | 11 | 23 | 59 | 99 | 14 |
| Death rate attributable to tobacco | 1 | 3 | 8 | 13 | 8 | 3 | 0 | 0 | 1 | 2 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 34 | 22 | 25 | 14 | 6 | 20 | 17 | 4 | 6 | 4 | - | 5 |

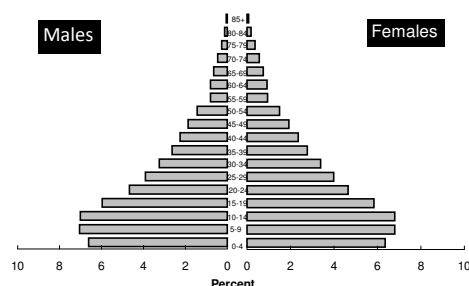
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Lao People's Democratic Republic

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,963 | 1,919 | 3,882 |
| 30-44 | 454 | 475 | 928 |
| 45-59 | 229 | 244 | 473 |
| 60-69 | 81 | 93 | 174 |
| 70-79 | 41 | 52 | 93 |
| 80+ | 9 | 14 | 24 |
| Total | 2,777 | 2,797 | 5,574 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1162 per 100,000 population) was about 2.6 times that for communicable diseases (441 per 100,000). Tobacco was responsible for 22% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 298 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 31 deaths per 100,000 population but with 78% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 14% of all tuberculosis deaths.

- The death rate due to tobacco in men was (336 per 100,000 men aged 30 years and over) compared with women (235 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 18% for men and 14% for women.

- Among those who died prematurely, almost one in every 12 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 17.2% of those whose death was due to a lower respiratory infection, 34% of deaths due to the category of 'all cardiovascular diseases combined', and 73.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 611 | 1,443 | 3,542 | 7,748 | 17,313 | 1,770 |
| Death rate attributable to tobacco | 49 | 270 | 767 | 1,244 | 2,446 | 284 |
| Proportion of deaths attributable to tobacco (%) | 8 | 19 | 22 | 16 | 14 | 16 |
| Death rate: Communicable diseases | 330 | 343 | 587 | 1,171 | 2,781 | 441 |
| Death rate attributable to tobacco | 11 | 14 | 65 | 111 | 309 | 27 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 11 | 10 | 11 | 6 |
| Death rate: Tuberculosis | 35 | 76 | 144 | 167 | 189 | 67 |
| Death rate attributable to tobacco | 6 | 9 | 19 | 18 | 22 | 9 |
| Proportion of deaths attributable to tobacco (%) | 19 | 11 | 13 | 11 | 12 | 14 |
| Death rate: Lower respiratory infections | 15 | 27 | 251 | 597 | 1,599 | 97 |
| Death rate attributable to tobacco | 4 | 5 | 45 | 92 | 283 | 17 |
| Proportion of deaths attributable to tobacco (%) | 26 | 17 | 18 | 15 | 18 | 18 |
| Death rate: Noncommunicable diseases | 148 | 929 | 2,772 | 6,257 | 13,766 | 1,162 |
| Death rate attributable to tobacco | 38 | 257 | 702 | 1,132 | 2,137 | 257 |
| Proportion of deaths attributable to tobacco (%) | 26 | 28 | 25 | 18 | 16 | 22 |
| Death rate: All malignant neoplasms | 35 | 207 | 585 | 885 | 1,668 | 209 |
| Death rate attributable to tobacco | 7 | 39 | 155 | 215 | 323 | 47 |
| Proportion of deaths attributable to tobacco (%) | 20 | 19 | 27 | 24 | 19 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 27 | 101 | 151 | 188 | 31 |
| Death rate attributable to tobacco | 3 | 20 | 84 | 121 | 147 | 24 |
| Proportion of deaths attributable to tobacco (%) | 62 | 74 | 83 | 80 | 78 | 78 |
| Death rate: All other malignant neoplasms | 30 | 181 | 484 | 734 | 1,480 | 178 |
| Death rate attributable to tobacco | 4 | 19 | 72 | 94 | 176 | 23 |
| Proportion of deaths attributable to tobacco (%) | 14 | 11 | 15 | 13 | 12 | 13 |
| Death rate: All Cardiovascular diseases | 50 | 413 | 1,539 | 3,669 | 7,923 | 613 |
| Death rate attributable to tobacco | 25 | 140 | 315 | 350 | 245 | 108 |
| Proportion of deaths attributable to tobacco (%) | 51 | 34 | 20 | 10 | 3 | 18 |
| Death rate: Ischaemic heart disease | 27 | 227 | 793 | 1,691 | 3,261 | 298 |
| Death rate attributable to tobacco | 14 | 73 | 155 | 148 | 132 | 54 |
| Proportion of deaths attributable to tobacco (%) | 50 | 32 | 19 | 9 | 4 | 18 |
| Death rate: Cerebrovascular disease | 7 | 103 | 500 | 1,312 | 2,929 | 197 |
| Death rate attributable to tobacco | 3 | 36 | 103 | 130 | 15 | 30 |
| Proportion of deaths attributable to tobacco (%) | 48 | 35 | 21 | 10 | 0 | 15 |
| Death rate: Other cardiovascular diseases | 16 | 83 | 246 | 666 | 1,733 | 118 |
| Death rate attributable to tobacco | 8 | 31 | 57 | 72 | 98 | 24 |
| Proportion of deaths attributable to tobacco (%) | 52 | 38 | 23 | 11 | 6 | 21 |
| Death rate: Respiratory diseases | 12 | 132 | 350 | 929 | 2,487 | 165 |
| Death rate attributable to tobacco | 5 | 75 | 224 | 556 | 1,541 | 99 |
| Proportion of deaths attributable to tobacco (%) | 44 | 57 | 64 | 60 | 62 | 60 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 104 | 316 | 837 | 2,182 | 140 |
| Death rate attributable to tobacco | 3 | 70 | 218 | 541 | 1,487 | 94 |
| Proportion of deaths attributable to tobacco (%) | 74 | 68 | 69 | 65 | 68 | 67 |
| Death rate: Other respiratory diseases | 8 | 28 | 34 | 92 | 306 | 25 |
| Death rate attributable to tobacco | 2 | 5 | 6 | 14 | 54 | 5 |
| Proportion of deaths attributable to tobacco (%) | 25 | 17 | 18 | 16 | 18 | 18 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 628 | 1,561 | 3,989 | 8,518 | 18,464 | 1,823 | 596 | 1,332 | 3,154 | 7,144 | 16,570 | 1,721 |
| Death rate attributable to tobacco | 80 | 310 | 999 | 1,504 | 2,609 | 336 | 20 | 234 | 565 | 1,040 | 2,341 | 235 |
| Proportion of deaths attributable to tobacco (%) | 13 | 20 | 25 | 18 | 14 | 18 | 3 | 18 | 18 | 15 | 14 | 14 |
| <u>Death rate: Communicable diseases</u> | 279 | 350 | 628 | 1,278 | 2,921 | 414 | 379 | 337 | 553 | 1,087 | 2,690 | 465 |
| Death rate attributable to tobacco | 17 | 17 | 88 | 136 | 329 | 34 | 5 | 10 | 45 | 92 | 296 | 21 |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 14 | 11 | 11 | 8 | 1 | 3 | 8 | 8 | 11 | 4 |
| <u>Death rate: Tuberculosis</u> | 38 | 101 | 209 | 235 | 281 | 85 | 31 | 53 | 88 | 114 | 130 | 50 |
| Death rate attributable to tobacco | 10 | 12 | 32 | 29 | 36 | 14 | 3 | 5 | 7 | 9 | 13 | 4 |
| Proportion of deaths attributable to tobacco (%) | 27 | 12 | 15 | 12 | 13 | 17 | 9 | 10 | 8 | 8 | 10 | 9 |
| <u>Death rate: Lower respiratory infections</u> | 17 | 27 | 259 | 623 | 1,620 | 92 | 14 | 28 | 244 | 577 | 1,585 | 101 |
| Death rate attributable to tobacco | 6 | 5 | 54 | 105 | 288 | 18 | 2 | 5 | 37 | 82 | 279 | 16 |
| Proportion of deaths attributable to tobacco (%) | 35 | 17 | 21 | 17 | 18 | 20 | 16 | 17 | 15 | 14 | 18 | 16 |
| <u>Death rate: Noncommunicable diseases</u> | 182 | 1,024 | 3,151 | 6,883 | 14,676 | 1,215 | 116 | 840 | 2,444 | 5,765 | 13,178 | 1,113 |
| Death rate attributable to tobacco | 63 | 292 | 911 | 1,369 | 2,280 | 303 | 15 | 224 | 520 | 947 | 2,045 | 215 |
| Proportion of deaths attributable to tobacco (%) | 35 | 29 | 29 | 20 | 16 | 25 | 13 | 27 | 21 | 16 | 16 | 19 |
| <u>Death rate: All malignant neoplasms</u> | 37 | 203 | 706 | 1,089 | 1,785 | 223 | 33 | 212 | 480 | 726 | 1,593 | 196 |
| Death rate attributable to tobacco | 12 | 55 | 256 | 354 | 491 | 71 | 2 | 24 | 68 | 106 | 215 | 25 |
| Proportion of deaths attributable to tobacco (%) | 33 | 27 | 36 | 33 | 28 | 32 | 7 | 11 | 14 | 15 | 13 | 13 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 34 | 159 | 245 | 316 | 44 | 3 | 20 | 50 | 77 | 106 | 19 |
| Death rate attributable to tobacco | 4 | 27 | 141 | 214 | 274 | 38 | 1 | 13 | 34 | 48 | 66 | 12 |
| Proportion of deaths attributable to tobacco (%) | 72 | 79 | 89 | 87 | 87 | 85 | 43 | 66 | 67 | 62 | 62 | 63 |
| <u>Death rate: All other malignant neoplasms</u> | 31 | 169 | 547 | 844 | 1,469 | 178 | 30 | 192 | 430 | 648 | 1,487 | 178 |
| Death rate attributable to tobacco | 8 | 28 | 115 | 140 | 218 | 33 | 1 | 11 | 34 | 58 | 149 | 13 |
| Proportion of deaths attributable to tobacco (%) | 25 | 17 | 21 | 17 | 15 | 19 | 3 | 6 | 8 | 9 | 10 | 7 |
| <u>Death rate: All Cardiovascular diseases</u> | 61 | 478 | 1,701 | 3,894 | 8,293 | 627 | 40 | 351 | 1,399 | 3,493 | 7,684 | 600 |
| Death rate attributable to tobacco | 44 | 157 | 357 | 347 | 109 | 123 | 8 | 125 | 278 | 352 | 333 | 95 |
| Proportion of deaths attributable to tobacco (%) | 72 | 33 | 21 | 9 | 1 | 20 | 20 | 36 | 20 | 10 | 4 | 16 |
| <u>Death rate: Ischaemic heart disease</u> | 33 | 286 | 902 | 1,916 | 3,744 | 328 | 21 | 172 | 698 | 1,514 | 2,949 | 271 |
| Death rate attributable to tobacco | 24 | 91 | 185 | 172 | 47 | 67 | 3 | 56 | 128 | 129 | 188 | 42 |
| Proportion of deaths attributable to tobacco (%) | 73 | 32 | 21 | 9 | 1 | 20 | 16 | 33 | 18 | 9 | 6 | 15 |
| <u>Death rate: Cerebrovascular disease</u> | 9 | 115 | 559 | 1,392 | 2,969 | 196 | 5 | 91 | 449 | 1,249 | 2,903 | 197 |
| Death rate attributable to tobacco | 5 | 37 | 114 | 111 | 37 | 31 | 2 | 35 | 94 | 145 | - | 29 |
| Proportion of deaths attributable to tobacco (%) | 56 | 33 | 20 | 8 | 1 | 16 | 36 | 39 | 21 | 12 | - | 15 |
| <u>Death rate: Other cardiovascular diseases</u> | 18 | 77 | 239 | 586 | 1,580 | 103 | 14 | 88 | 252 | 730 | 1,832 | 132 |
| Death rate attributable to tobacco | 14 | 29 | 58 | 64 | 25 | 25 | 3 | 34 | 55 | 77 | 145 | 24 |
| Proportion of deaths attributable to tobacco (%) | 77 | 37 | 24 | 11 | 2 | 24 | 20 | 38 | 22 | 11 | 8 | 18 |
| <u>Death rate: Respiratory diseases</u> | 12 | 133 | 414 | 1,032 | 2,604 | 167 | 12 | 131 | 294 | 849 | 2,412 | 164 |
| Death rate attributable to tobacco | 7 | 78 | 288 | 651 | 1,638 | 106 | 4 | 73 | 169 | 481 | 1,479 | 93 |
| Proportion of deaths attributable to tobacco (%) | 53 | 59 | 69 | 63 | 63 | 63 | 34 | 56 | 57 | 57 | 61 | 57 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 106 | 377 | 920 | 2,244 | 142 | 5 | 102 | 263 | 771 | 2,141 | 139 |
| Death rate attributable to tobacco | 4 | 73 | 280 | 632 | 1,574 | 100 | 3 | 68 | 164 | 470 | 1,431 | 89 |
| Proportion of deaths attributable to tobacco (%) | 85 | 69 | 74 | 69 | 70 | 71 | 64 | 66 | 62 | 61 | 67 | 64 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 27 | 37 | 111 | 360 | 25 | 8 | 29 | 31 | 78 | 270 | 24 |
| Death rate attributable to tobacco | 3 | 5 | 8 | 19 | 64 | 5 | 1 | 5 | 5 | 11 | 48 | 4 |
| Proportion of deaths attributable to tobacco (%) | 35 | 17 | 21 | 17 | 18 | 21 | 16 | 17 | 15 | 14 | 18 | 16 |

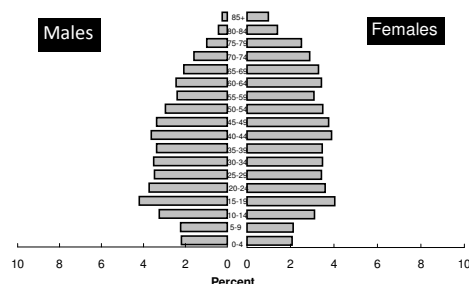
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Latvia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 441 | 425 | 866 |
| 30-44 | 243 | 250 | 494 |
| 45-59 | 202 | 239 | 441 |
| 60-69 | 104 | 155 | 260 |
| 70-79 | 60 | 125 | 184 |
| 80+ | 15 | 55 | 70 |
| Total | 1,066 | 1,249 | 2,315 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1973 per 100,000 population) was about 38 times that for communicable diseases (52 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 21% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 699 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 75 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 27% of all lower respiratory infection deaths and 23% of all tuberculosis deaths.

- The death rate due to tobacco in men was (657 per 100,000 men aged 30 years and over) compared with women (75 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 27% for men and 4% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 35.3% of those whose death was due to a lower respiratory infection, 49.6% of deaths due to the category of 'all cardiovascular diseases combined', and 85.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 350 | 1,051 | 2,447 | 4,942 | 14,522 | 2,212 |
| Death rate attributable to tobacco | 62 | 303 | 569 | 708 | 425 | 326 |
| Proportion of deaths attributable to tobacco (%) | 18 | 29 | 23 | 14 | 3 | 15 |
| Death rate: Communicable diseases | 24 | 55 | 60 | 66 | 165 | 52 |
| Death rate attributable to tobacco | 5 | 15 | 13 | 10 | 18 | 11 |
| Proportion of deaths attributable to tobacco (%) | 23 | 27 | 21 | 16 | 11 | 21 |
| Death rate: Tuberculosis | 9 | 17 | 13 | 10 | 17 | 13 |
| Death rate attributable to tobacco | 2 | 5 | 3 | 1 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | 25 | 27 | 22 | 13 | 8 | 23 |
| Death rate: Lower respiratory infections | 9 | 28 | 34 | 41 | 122 | 29 |
| Death rate attributable to tobacco | 3 | 10 | 10 | 9 | 17 | 8 |
| Proportion of deaths attributable to tobacco (%) | 34 | 35 | 28 | 22 | 14 | 27 |
| Death rate: Noncommunicable diseases | 172 | 767 | 2,192 | 4,731 | 14,130 | 1,973 |
| Death rate attributable to tobacco | 57 | 288 | 556 | 698 | 406 | 315 |
| Proportion of deaths attributable to tobacco (%) | 33 | 38 | 25 | 15 | 3 | 16 |
| Death rate: All malignant neoplasms | 43 | 240 | 658 | 1,100 | 1,335 | 410 |
| Death rate attributable to tobacco | 7 | 79 | 202 | 271 | 162 | 105 |
| Proportion of deaths attributable to tobacco (%) | 16 | 33 | 31 | 25 | 12 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 48 | 140 | 208 | 143 | 75 |
| Death rate attributable to tobacco | 3 | 41 | 123 | 178 | 102 | 63 |
| Proportion of deaths attributable to tobacco (%) | 69 | 86 | 88 | 86 | 71 | 85 |
| Death rate: All other malignant neoplasms | 39 | 192 | 518 | 891 | 1,193 | 336 |
| Death rate attributable to tobacco | 4 | 37 | 79 | 93 | 61 | 42 |
| Proportion of deaths attributable to tobacco (%) | 11 | 19 | 15 | 10 | 5 | 12 |
| Death rate: All Cardiovascular diseases | 80 | 412 | 1,290 | 3,229 | 11,987 | 1,377 |
| Death rate attributable to tobacco | 49 | 204 | 326 | 371 | 182 | 193 |
| Proportion of deaths attributable to tobacco (%) | 61 | 50 | 25 | 11 | 2 | 14 |
| Death rate: Ischaemic heart disease | 26 | 212 | 679 | 1,657 | 6,028 | 699 |
| Death rate attributable to tobacco | 18 | 107 | 176 | 192 | 125 | 100 |
| Proportion of deaths attributable to tobacco (%) | 68 | 50 | 26 | 12 | 2 | 14 |
| Death rate: Cerebrovascular disease | 12 | 83 | 399 | 1,207 | 4,358 | 466 |
| Death rate attributable to tobacco | 5 | 38 | 87 | 130 | 14 | 46 |
| Proportion of deaths attributable to tobacco (%) | 43 | 45 | 22 | 11 | 0 | 10 |
| Death rate: Other cardiovascular diseases | 42 | 117 | 213 | 365 | 1,601 | 212 |
| Death rate attributable to tobacco | 26 | 60 | 63 | 49 | 43 | 47 |
| Proportion of deaths attributable to tobacco (%) | 62 | 51 | 30 | 14 | 3 | 22 |
| Death rate: Respiratory diseases | 2 | 8 | 41 | 90 | 128 | 28 |
| Death rate attributable to tobacco | 0 | 5 | 25 | 53 | 58 | 16 |
| Proportion of deaths attributable to tobacco (%) | 11 | 60 | 62 | 59 | 45 | 56 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 4 | 29 | 65 | 95 | 19 |
| Death rate attributable to tobacco | - | 4 | 22 | 47 | 54 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 85 | 77 | 73 | 56 | 71 |
| Death rate: Other respiratory diseases | 1 | 3 | 12 | 25 | 33 | 8 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 5 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 31 | 27 | 22 | 14 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 525 | 1,624 | 3,898 | 7,124 | 15,412 | 2,435 | 179 | 567 | 1,471 | 3,900 | 14,279 | 2,043 |
| Death rate attributable to tobacco | 126 | 615 | 1,323 | 1,705 | 1,057 | 657 | - | 39 | 62 | 232 | 251 | 75 |
| Proportion of deaths attributable to tobacco (%) | 24 | 38 | 34 | 24 | 7 | 27 | - | 7 | 4 | 6 | 2 | 4 |
| <u>Death rate: Communicable diseases</u> | 36 | 97 | 108 | 106 | 282 | 81 | 12 | 20 | 27 | 47 | 133 | 30 |
| Death rate attributable to tobacco | 11 | 32 | 31 | 26 | 62 | 24 | - | 1 | 1 | 3 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 31 | 32 | 28 | 24 | 22 | 29 | - | 3 | 3 | 6 | 5 | 4 |
| <u>Death rate: Tuberculosis</u> | 14 | 32 | 26 | 14 | 28 | 22 | 4 | 4 | 5 | 8 | 14 | 6 |
| Death rate attributable to tobacco | 4 | 10 | 7 | 3 | 5 | 7 | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 33 | 31 | 27 | 24 | 18 | 30 | - | 3 | 2 | 5 | 3 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 16 | 54 | 65 | 71 | 233 | 47 | 3 | 7 | 14 | 26 | 92 | 16 |
| Death rate attributable to tobacco | 6 | 21 | 23 | 23 | 55 | 17 | - | 0 | 1 | 2 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 42 | 40 | 35 | 32 | 24 | 36 | - | 6 | 4 | 9 | 6 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 240 | 1,137 | 3,439 | 6,767 | 14,862 | 2,042 | 106 | 453 | 1,353 | 3,759 | 13,929 | 1,921 |
| Death rate attributable to tobacco | 115 | 583 | 1,292 | 1,679 | 995 | 634 | - | 39 | 61 | 230 | 245 | 74 |
| Proportion of deaths attributable to tobacco (%) | 48 | 51 | 38 | 25 | 7 | 31 | - | 9 | 5 | 6 | 2 | 4 |
| <u>Death rate: All malignant neoplasms</u> | 44 | 306 | 1,021 | 1,830 | 2,324 | 518 | 42 | 185 | 414 | 751 | 1,065 | 329 |
| Death rate attributable to tobacco | 14 | 163 | 485 | 745 | 601 | 225 | - | 7 | 12 | 44 | 42 | 14 |
| Proportion of deaths attributable to tobacco (%) | 32 | 53 | 47 | 41 | 26 | 43 | - | 4 | 3 | 6 | 4 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 7 | 92 | 310 | 522 | 438 | 145 | 1 | 11 | 25 | 58 | 62 | 21 |
| Death rate attributable to tobacco | 6 | 85 | 293 | 491 | 396 | 135 | - | 4 | 9 | 28 | 21 | 9 |
| Proportion of deaths attributable to tobacco (%) | 77 | 92 | 94 | 94 | 90 | 93 | - | 39 | 34 | 49 | 35 | 41 |
| <u>Death rate: All other malignant neoplasms</u> | 37 | 213 | 711 | 1,308 | 1,886 | 373 | 41 | 174 | 389 | 693 | 1,003 | 308 |
| Death rate attributable to tobacco | 8 | 78 | 192 | 254 | 205 | 90 | - | 3 | 4 | 16 | 21 | 5 |
| Proportion of deaths attributable to tobacco (%) | 23 | 37 | 27 | 19 | 11 | 24 | - | 1 | 1 | 2 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 127 | 664 | 2,071 | 4,330 | 11,490 | 1,302 | 34 | 200 | 766 | 2,704 | 12,123 | 1,435 |
| Death rate attributable to tobacco | 99 | 409 | 742 | 794 | 216 | 376 | - | 32 | 46 | 169 | 172 | 55 |
| Proportion of deaths attributable to tobacco (%) | 78 | 62 | 36 | 18 | 2 | 29 | - | 16 | 6 | 6 | 1 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 46 | 368 | 1,172 | 2,465 | 6,319 | 721 | 6 | 79 | 347 | 1,272 | 5,948 | 682 |
| Death rate attributable to tobacco | 36 | 220 | 409 | 454 | 114 | 200 | - | 11 | 19 | 67 | 128 | 25 |
| Proportion of deaths attributable to tobacco (%) | 78 | 60 | 35 | 18 | 2 | 28 | - | 14 | 5 | 5 | 2 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 17 | 118 | 544 | 1,382 | 3,585 | 354 | 8 | 54 | 301 | 1,124 | 4,569 | 551 |
| Death rate attributable to tobacco | 11 | 71 | 188 | 230 | 65 | 82 | - | 9 | 19 | 82 | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 63 | 61 | 35 | 17 | 2 | 23 | - | 17 | 6 | 7 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 64 | 178 | 355 | 483 | 1,586 | 226 | 20 | 66 | 117 | 308 | 1,605 | 202 |
| Death rate attributable to tobacco | 53 | 117 | 145 | 110 | 37 | 94 | - | 11 | 8 | 20 | 44 | 11 |
| Proportion of deaths attributable to tobacco (%) | 82 | 66 | 41 | 23 | 2 | 42 | - | 17 | 7 | 7 | 3 | 5 |
| <u>Death rate: Respiratory diseases</u> | 1 | 14 | 82 | 186 | 260 | 43 | 2 | 2 | 13 | 43 | 92 | 17 |
| Death rate attributable to tobacco | 0 | 10 | 59 | 133 | 167 | 30 | - | 0 | 3 | 15 | 28 | 5 |
| Proportion of deaths attributable to tobacco (%) | 42 | 69 | 72 | 71 | 64 | 70 | - | 13 | 20 | 34 | 31 | 28 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 9 | 60 | 143 | 197 | 31 | 0 | 0 | 8 | 28 | 67 | 10 |
| Death rate attributable to tobacco | - | 8 | 51 | 119 | 152 | 26 | - | 0 | 2 | 13 | 27 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 88 | 86 | 83 | 77 | 84 | - | 39 | 30 | 48 | 39 | 41 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 6 | 22 | 44 | 63 | 12 | 2 | 2 | 5 | 16 | 24 | 6 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 14 | 15 | 4 | - | 0 | 0 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 42 | 40 | 35 | 32 | 24 | 33 | - | 6 | 4 | 9 | 6 | 6 |

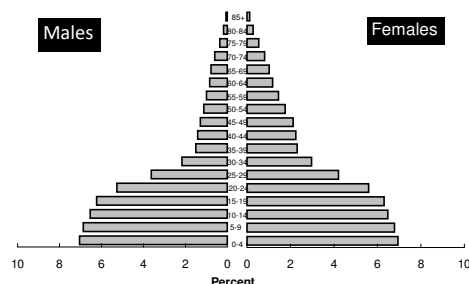
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Lesotho

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|--------------|--------------|
| 0-29 | 700 | 714 | 1,414 |
| 30-44 | 100 | 148 | 248 |
| 45-59 | 67 | 105 | 171 |
| 60-69 | 32 | 43 | 75 |
| 70-79 | 19 | 26 | 45 |
| 80+ | 5 | 8 | 13 |
| Total | 922 | 1,044 | 1,966 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1088 per 100,000 population) was about 0.5 times that for communicable diseases (2280 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 156 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 16 deaths per 100,000 population but with 62% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (181 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 3,283 | 2,552 | 2,639 | 5,921 | 15,604 | 3,470 |
| Death rate attributable to tobacco | - | 44 | 160 | 297 | 567 | 73 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 5 | 4 | 2 |
| Death rate: Communicable diseases | 3,157 | 1,937 | 704 | 1,106 | 3,242 | 2,280 |
| Death rate attributable to tobacco | - | 6 | 15 | 35 | 125 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 3 | 4 | 0 |
| Death rate: Tuberculosis | 49 | 101 | 134 | 124 | 101 | 84 |
| Death rate attributable to tobacco | - | 5 | 7 | 7 | 8 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 5 | 7 | 4 |
| Death rate: Lower respiratory infections | 1 | 23 | 156 | 551 | 1,948 | 119 |
| Death rate attributable to tobacco | - | 0 | 9 | 28 | 117 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 5 | 6 | 5 |
| Death rate: Noncommunicable diseases | 71 | 529 | 1,784 | 4,570 | 11,907 | 1,088 |
| Death rate attributable to tobacco | - | 39 | 144 | 262 | 442 | 63 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 6 | 4 | 6 |
| Death rate: All malignant neoplasms | 12 | 116 | 367 | 830 | 1,578 | 196 |
| Death rate attributable to tobacco | - | 12 | 54 | 98 | 177 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 15 | 12 | 11 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 35 | 72 | 102 | 16 |
| Death rate attributable to tobacco | - | 4 | 24 | 47 | 70 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 48 | 69 | 65 | 69 | 62 |
| Death rate: All other malignant neoplasms | 11 | 107 | 332 | 758 | 1,476 | 179 |
| Death rate attributable to tobacco | - | 8 | 30 | 51 | 107 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 9 | 7 | 7 | 7 |
| Death rate: All Cardiovascular diseases | 24 | 215 | 787 | 2,244 | 6,688 | 523 |
| Death rate attributable to tobacco | - | 17 | 40 | 51 | 25 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 5 | 2 | 0 | 3 |
| Death rate: Ischaemic heart disease | 4 | 69 | 284 | 689 | 1,624 | 156 |
| Death rate attributable to tobacco | - | 7 | 16 | 19 | 7 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 6 | 3 | 0 | 4 |
| Death rate: Cerebrovascular disease | 9 | 78 | 280 | 797 | 2,270 | 184 |
| Death rate attributable to tobacco | - | 6 | 13 | 14 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 5 | 2 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 10 | 69 | 223 | 758 | 2,794 | 183 |
| Death rate attributable to tobacco | - | 4 | 11 | 17 | 11 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 5 | 2 | 0 | 2 |
| Death rate: Respiratory diseases | 9 | 58 | 210 | 500 | 1,120 | 117 |
| Death rate attributable to tobacco | - | 9 | 48 | 107 | 226 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 23 | 21 | 20 | 20 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 22 | 105 | 258 | 519 | 55 |
| Death rate attributable to tobacco | - | 7 | 41 | 94 | 190 | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 40 | 36 | 37 | 36 |
| Death rate: Other respiratory diseases | 7 | 36 | 106 | 242 | 601 | 62 |
| Death rate attributable to tobacco | - | 1 | 6 | 13 | 36 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 5 | 6 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 3,281 | 3,536 | 3,718 | 7,151 | 18,091 | 4,062 | 3,285 | 1,925 | 1,847 | 5,040 | 14,166 | 3,072 |
| Death rate attributable to tobacco | - | 113 | 377 | 711 | 1,547 | 181 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 10 | 10 | 9 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 3,092 | 2,746 | 1,224 | 1,455 | 3,994 | 2,601 | 3,201 | 1,420 | 323 | 856 | 2,807 | 2,064 |
| Death rate attributable to tobacco | - | 14 | 36 | 84 | 342 | 24 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 6 | 9 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 113 | 240 | 230 | 234 | 217 | 180 | 6 | 12 | 64 | 45 | 33 | 19 |
| Death rate attributable to tobacco | - | 13 | 16 | 16 | 20 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 7 | 9 | 4 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 2 | 10 | 208 | 704 | 2,422 | 145 | 1 | 32 | 118 | 442 | 1,673 | 102 |
| Death rate attributable to tobacco | - | 1 | 20 | 67 | 318 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 10 | 13 | 11 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 95 | 646 | 2,281 | 5,370 | 13,583 | 1,307 | 55 | 455 | 1,419 | 3,997 | 10,937 | 942 |
| Death rate attributable to tobacco | - | 99 | 341 | 627 | 1,205 | 157 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 15 | 12 | 9 | 12 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 12 | 131 | 492 | 1,126 | 2,399 | 262 | 12 | 106 | 276 | 617 | 1,103 | 151 |
| Death rate attributable to tobacco | - | 31 | 128 | 235 | 483 | 58 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 26 | 21 | 20 | 22 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 18 | 75 | 143 | 234 | 34 | 1 | 3 | 7 | 20 | 25 | 4 |
| Death rate attributable to tobacco | - | 11 | 57 | 112 | 192 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 61 | 77 | 78 | 82 | 74 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 10 | 113 | 418 | 983 | 2,165 | 228 | 11 | 103 | 269 | 597 | 1,078 | 147 |
| Death rate attributable to tobacco | - | 20 | 70 | 123 | 292 | 33 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 17 | 13 | 13 | 14 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 30 | 255 | 949 | 2,386 | 6,829 | 573 | 20 | 190 | 669 | 2,143 | 6,607 | 489 |
| Death rate attributable to tobacco | - | 44 | 94 | 121 | 67 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 10 | 5 | 1 | 7 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 7 | 108 | 409 | 940 | 2,029 | 217 | 2 | 44 | 193 | 509 | 1,390 | 115 |
| Death rate attributable to tobacco | - | 18 | 39 | 46 | 18 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 9 | 5 | 1 | 7 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 11 | 89 | 322 | 781 | 2,117 | 189 | 8 | 71 | 250 | 809 | 2,358 | 181 |
| Death rate attributable to tobacco | - | 15 | 30 | 34 | 19 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 9 | 4 | 1 | 6 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 11 | 59 | 219 | 665 | 2,682 | 167 | 9 | 75 | 226 | 824 | 2,858 | 193 |
| Death rate attributable to tobacco | - | 12 | 26 | 41 | 31 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 12 | 6 | 1 | 7 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 12 | 87 | 332 | 747 | 1,588 | 176 | 6 | 40 | 121 | 323 | 849 | 78 |
| Death rate attributable to tobacco | - | 22 | 112 | 256 | 618 | 58 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 34 | 34 | 39 | 33 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 38 | 182 | 420 | 833 | 92 | 1 | 12 | 48 | 143 | 336 | 30 |
| Death rate attributable to tobacco | - | 18 | 98 | 225 | 519 | 50 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 48 | 54 | 54 | 62 | 54 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 9 | 49 | 150 | 328 | 755 | 84 | 5 | 27 | 73 | 181 | 512 | 47 |
| Death rate attributable to tobacco | - | 4 | 15 | 31 | 99 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 10 | 13 | 10 | - | - | - | - | - | - |

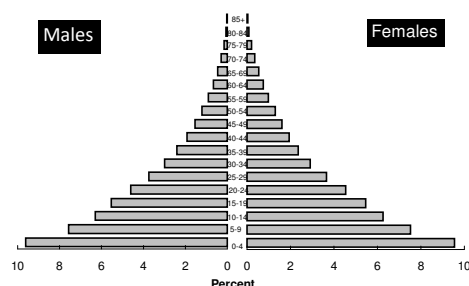
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Liberia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,251 | 1,238 | 2,489 |
| 30-44 | 245 | 241 | 486 |
| 45-59 | 122 | 130 | 252 |
| 60-69 | 37 | 43 | 80 |
| 70-79 | 15 | 19 | 34 |
| 80+ | 3 | 4 | 7 |
| Total | 1,673 | 1,676 | 3,348 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1088 per 100,000 population) was about 1.1 times that for communicable diseases (954 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 145 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 38% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (96 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

- Among those who died prematurely, almost one in every 45 deaths among those aged 30-44 and one in 43 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 2.7% of those whose death was due to a lower respiratory infection, 5% of deaths due to the category of 'all cardiovascular diseases combined', and 40.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,360 | 2,148 | 4,258 | 8,930 | 19,885 | 2,308 |
| Death rate attributable to tobacco | 30 | 50 | 91 | 122 | 281 | 47 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 2 | 1 | 1 | 2 |
| Death rate: Communicable diseases | 789 | 998 | 1,363 | 1,738 | 2,360 | 954 |
| Death rate attributable to tobacco | 10 | 11 | 18 | 15 | 33 | 11 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 1 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 110 | 104 | 122 | 176 | 184 | 113 |
| Death rate attributable to tobacco | 4 | 2 | 2 | 2 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | 4 | 2 | 2 | 1 | 2 | 3 |
| Death rate: Lower respiratory infections | 106 | 317 | 647 | 866 | 1,331 | 258 |
| Death rate attributable to tobacco | 6 | 9 | 16 | 13 | 29 | 8 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 2 | 2 | 2 | 3 |
| Death rate: Noncommunicable diseases | 312 | 905 | 2,593 | 6,835 | 16,877 | 1,088 |
| Death rate attributable to tobacco | 21 | 38 | 73 | 107 | 248 | 36 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 3 | 2 | 1 | 3 |
| Death rate: All malignant neoplasms | 46 | 195 | 531 | 1,231 | 2,301 | 200 |
| Death rate attributable to tobacco | 2 | 9 | 19 | 27 | 65 | 7 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 4 | 2 | 3 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 7 | 20 | 36 | 51 | 7 |
| Death rate attributable to tobacco | 0 | 3 | 9 | 12 | 22 | 3 |
| Proportion of deaths attributable to tobacco (%) | 18 | 41 | 48 | 34 | 43 | 38 |
| Death rate: All other malignant neoplasms | 44 | 188 | 511 | 1,195 | 2,251 | 193 |
| Death rate attributable to tobacco | 2 | 6 | 10 | 15 | 43 | 5 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 2 | 1 | 2 | 2 |
| Death rate: All Cardiovascular diseases | 102 | 365 | 1,150 | 3,372 | 9,392 | 480 |
| Death rate attributable to tobacco | 14 | 18 | 20 | 18 | 11 | 16 |
| Proportion of deaths attributable to tobacco (%) | 14 | 5 | 2 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 19 | 121 | 414 | 1,045 | 2,372 | 145 |
| Death rate attributable to tobacco | 4 | 7 | 8 | 7 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 19 | 6 | 2 | 1 | 0 | 4 |
| Death rate: Cerebrovascular disease | 41 | 137 | 427 | 1,252 | 3,316 | 179 |
| Death rate attributable to tobacco | 3 | 6 | 6 | 5 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 8 | 5 | 1 | 0 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 42 | 108 | 309 | 1,074 | 3,704 | 156 |
| Death rate attributable to tobacco | 7 | 5 | 5 | 6 | 5 | 6 |
| Proportion of deaths attributable to tobacco (%) | 17 | 5 | 2 | 1 | 0 | 4 |
| Death rate: Respiratory diseases | 41 | 101 | 297 | 735 | 1,612 | 123 |
| Death rate attributable to tobacco | 4 | 11 | 32 | 59 | 166 | 12 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 11 | 8 | 10 | 10 |
| Death rate: Chronic obstructive pulmonary disease | 9 | 39 | 145 | 376 | 755 | 51 |
| Death rate attributable to tobacco | 3 | 9 | 29 | 54 | 149 | 10 |
| Proportion of deaths attributable to tobacco (%) | 30 | 23 | 20 | 14 | 20 | 20 |
| Death rate: Other respiratory diseases | 32 | 62 | 152 | 360 | 857 | 72 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 5 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 2 | 1 | 2 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,634 | 2,652 | 4,988 | 9,879 | 23,072 | 2,651 | 1,082 | 1,674 | 3,630 | 8,195 | 17,814 | 1,979 |
| Death rate attributable to tobacco | 60 | 103 | 196 | 280 | 712 | 96 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 4 | 4 | 3 | 3 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 820 | 1,303 | 1,871 | 2,292 | 3,107 | 1,119 | 757 | 712 | 925 | 1,310 | 1,875 | 795 |
| Death rate attributable to tobacco | 19 | 23 | 40 | 35 | 83 | 23 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 2 | 2 | 3 | 2 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 167 | 165 | 183 | 275 | 318 | 172 | 52 | 47 | 70 | 100 | 96 | 55 |
| Death rate attributable to tobacco | 8 | 5 | 5 | 5 | 9 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 3 | 2 | 3 | 4 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 161 | 418 | 936 | 1,174 | 1,757 | 350 | 49 | 223 | 398 | 628 | 1,053 | 170 |
| Death rate attributable to tobacco | 11 | 18 | 35 | 30 | 73 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 4 | 3 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 374 | 981 | 2,700 | 7,103 | 19,233 | 1,111 | 248 | 833 | 2,501 | 6,628 | 15,346 | 1,066 |
| Death rate attributable to tobacco | 41 | 79 | 157 | 245 | 630 | 73 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 11 | 8 | 6 | 3 | 3 | 7 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 45 | 196 | 582 | 1,490 | 3,402 | 208 | 47 | 195 | 487 | 1,030 | 1,586 | 192 |
| Death rate attributable to tobacco | 5 | 19 | 42 | 63 | 165 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 7 | 4 | 5 | 7 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 13 | 38 | 59 | 97 | 11 | 1 | 1 | 4 | 18 | 20 | 2 |
| Death rate attributable to tobacco | 1 | 6 | 20 | 28 | 55 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 25 | 45 | 54 | 47 | 56 | 47 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 43 | 183 | 544 | 1,431 | 3,305 | 197 | 46 | 193 | 483 | 1,012 | 1,565 | 190 |
| Death rate attributable to tobacco | 4 | 13 | 21 | 35 | 110 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 7 | 4 | 2 | 3 | 5 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 117 | 385 | 1,120 | 3,152 | 9,665 | 450 | 87 | 347 | 1,175 | 3,542 | 9,215 | 509 |
| Death rate attributable to tobacco | 28 | 38 | 42 | 42 | 27 | 33 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 24 | 10 | 4 | 1 | 0 | 7 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 27 | 159 | 484 | 1,250 | 2,889 | 167 | 11 | 85 | 353 | 887 | 2,036 | 124 |
| Death rate attributable to tobacco | 7 | 15 | 17 | 16 | 7 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 27 | 9 | 4 | 1 | 0 | 6 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 45 | 137 | 384 | 1,047 | 3,047 | 156 | 37 | 138 | 464 | 1,411 | 3,491 | 202 |
| Death rate attributable to tobacco | 7 | 13 | 14 | 12 | 8 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 4 | 1 | 0 | 6 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 44 | 89 | 252 | 855 | 3,730 | 128 | 39 | 125 | 358 | 1,244 | 3,688 | 183 |
| Death rate attributable to tobacco | 14 | 10 | 11 | 14 | 12 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 32 | 11 | 5 | 2 | 0 | 10 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 49 | 132 | 394 | 990 | 2,250 | 151 | 32 | 73 | 214 | 538 | 1,197 | 95 |
| Death rate attributable to tobacco | 8 | 22 | 70 | 135 | 422 | 24 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 16 | 16 | 18 | 14 | 19 | 16 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 12 | 57 | 215 | 556 | 1,181 | 69 | 5 | 23 | 86 | 236 | 478 | 33 |
| Death rate attributable to tobacco | 5 | 19 | 63 | 124 | 378 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 44 | 33 | 29 | 22 | 32 | 30 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 38 | 76 | 179 | 434 | 1,069 | 82 | 27 | 50 | 128 | 302 | 719 | 62 |
| Death rate attributable to tobacco | 3 | 3 | 7 | 11 | 44 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 4 | 3 | 4 | 5 | - | - | - | - | - | - |

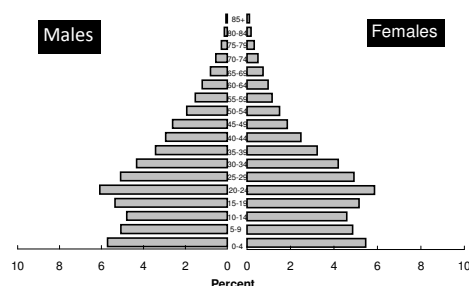
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Libyan Arab Jamahiriya

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,863 | 1,789 | 3,652 |
| 30-44 | 620 | 574 | 1,194 |
| 45-59 | 353 | 261 | 614 |
| 60-69 | 116 | 99 | 215 |
| 70-79 | 49 | 48 | 97 |
| 80+ | 11 | 17 | 28 |
| Total | 3,011 | 2,788 | 5,799 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (830 per 100,000 population) was about 11.5 times that for communicable diseases (72 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 269 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 62% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (122 per 100,000 men aged 30 years and over) compared with women (1 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 11% for men and 0% for women.

- Among those who died prematurely, almost one in every 9 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 7% of those whose death was due to a lower respiratory infection, 15.1% of deaths due to the category of 'all cardiovascular diseases combined', and 57.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 207 | 715 | 2,156 | 5,403 | 15,087 | 978 |
| Death rate attributable to tobacco | 24 | 70 | 163 | 258 | 316 | 65 |
| Proportion of deaths attributable to tobacco (%) | 12 | 10 | 8 | 5 | 2 | 7 |
| Death rate: Communicable diseases | 32 | 56 | 129 | 298 | 881 | 72 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 11 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 4 | 4 | 3 | 3 |
| Death rate: Tuberculosis | 2 | 3 | 3 | 7 | 10 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 5 | 4 | 4 | 5 |
| Death rate: Lower respiratory infections | 6 | 15 | 59 | 173 | 525 | 28 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 10 | 27 | 2 |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 7 | 6 | 5 | 7 |
| Death rate: Noncommunicable diseases | 124 | 584 | 1,898 | 4,879 | 13,902 | 830 |
| Death rate attributable to tobacco | 23 | 69 | 158 | 246 | 288 | 63 |
| Proportion of deaths attributable to tobacco (%) | 19 | 12 | 8 | 5 | 2 | 8 |
| Death rate: All malignant neoplasms | 30 | 107 | 284 | 557 | 931 | 113 |
| Death rate attributable to tobacco | 3 | 16 | 56 | 92 | 113 | 18 |
| Proportion of deaths attributable to tobacco (%) | 11 | 15 | 20 | 17 | 12 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 15 | 46 | 75 | 80 | 15 |
| Death rate attributable to tobacco | 1 | 8 | 32 | 52 | 53 | 9 |
| Proportion of deaths attributable to tobacco (%) | 38 | 57 | 69 | 69 | 67 | 62 |
| Death rate: All other malignant neoplasms | 28 | 92 | 238 | 482 | 851 | 99 |
| Death rate attributable to tobacco | 2 | 8 | 24 | 40 | 60 | 8 |
| Proportion of deaths attributable to tobacco (%) | 8 | 8 | 10 | 8 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 49 | 312 | 1,130 | 3,176 | 10,073 | 506 |
| Death rate attributable to tobacco | 19 | 47 | 76 | 85 | 28 | 36 |
| Proportion of deaths attributable to tobacco (%) | 38 | 15 | 7 | 3 | 0 | 7 |
| Death rate: Ischaemic heart disease | 28 | 201 | 669 | 1,636 | 4,198 | 269 |
| Death rate attributable to tobacco | 11 | 31 | 46 | 44 | 11 | 22 |
| Proportion of deaths attributable to tobacco (%) | 41 | 16 | 7 | 3 | 0 | 8 |
| Death rate: Cerebrovascular disease | 5 | 41 | 180 | 576 | 2,132 | 87 |
| Death rate attributable to tobacco | 1 | 5 | 11 | 13 | 6 | 4 |
| Proportion of deaths attributable to tobacco (%) | 23 | 13 | 6 | 2 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 16 | 71 | 281 | 964 | 3,743 | 150 |
| Death rate attributable to tobacco | 6 | 11 | 20 | 27 | 12 | 10 |
| Proportion of deaths attributable to tobacco (%) | 38 | 15 | 7 | 3 | 0 | 6 |
| Death rate: Respiratory diseases | 8 | 23 | 97 | 291 | 796 | 44 |
| Death rate attributable to tobacco | 1 | 5 | 25 | 67 | 142 | 10 |
| Proportion of deaths attributable to tobacco (%) | 18 | 22 | 26 | 23 | 18 | 22 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 12 | 61 | 192 | 502 | 26 |
| Death rate attributable to tobacco | 1 | 4 | 23 | 61 | 128 | 8 |
| Proportion of deaths attributable to tobacco (%) | 51 | 38 | 37 | 32 | 26 | 33 |
| Death rate: Other respiratory diseases | 7 | 12 | 35 | 99 | 294 | 19 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 5 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 7 | 5 | 5 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 261 | 866 | 2,657 | 6,341 | 16,689 | 1,110 | 149 | 510 | 1,568 | 4,463 | 14,003 | 827 |
| Death rate attributable to tobacco | 45 | 122 | 302 | 514 | 784 | 122 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 17 | 14 | 11 | 8 | 5 | 11 | 1 | - | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 34 | 67 | 163 | 369 | 1,036 | 81 | 30 | 40 | 89 | 227 | 776 | 61 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 22 | 70 | 4 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 5 | 6 | 7 | 5 | 1 | - | - | - | - | 0 |
| <i>Death rate: Tuberculosis</i> | 1 | 3 | 4 | 9 | 16 | 2 | 2 | 2 | 2 | 6 | 6 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 14 | 7 | 7 | 6 | 7 | 9 | 1 | - | - | - | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 6 | 18 | 78 | 235 | 698 | 33 | 7 | 11 | 37 | 112 | 408 | 23 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 21 | 66 | 3 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 10 | 10 | 9 | 9 | 10 | 2 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 149 | 688 | 2,311 | 5,673 | 15,267 | 917 | 97 | 445 | 1,413 | 4,083 | 12,979 | 729 |
| Death rate attributable to tobacco | 44 | 119 | 293 | 492 | 714 | 118 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 17 | 13 | 9 | 5 | 13 | 1 | - | - | - | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 27 | 113 | 373 | 773 | 1,389 | 134 | 34 | 99 | 180 | 341 | 621 | 90 |
| Death rate attributable to tobacco | 6 | 28 | 103 | 184 | 280 | 33 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 22 | 25 | 28 | 24 | 20 | 25 | 1 | - | - | - | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 22 | 77 | 134 | 174 | 24 | 2 | 5 | 10 | 16 | 16 | 4 |
| Death rate attributable to tobacco | 2 | 15 | 59 | 103 | 132 | 17 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 52 | 67 | 77 | 77 | 76 | 72 | 7 | - | - | - | - | 2 |
| <i>Death rate: All other malignant neoplasms</i> | 24 | 91 | 296 | 639 | 1,215 | 110 | 32 | 94 | 169 | 325 | 606 | 86 |
| Death rate attributable to tobacco | 4 | 13 | 44 | 81 | 148 | 16 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 15 | 15 | 13 | 12 | 14 | 1 | - | - | - | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 66 | 388 | 1,379 | 3,589 | 10,570 | 551 | 31 | 210 | 837 | 2,762 | 9,737 | 454 |
| Death rate attributable to tobacco | 35 | 82 | 140 | 169 | 70 | 66 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 53 | 21 | 10 | 5 | 1 | 12 | 3 | - | - | - | - | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 41 | 268 | 862 | 1,954 | 4,517 | 319 | 14 | 111 | 441 | 1,317 | 3,982 | 212 |
| Death rate attributable to tobacco | 22 | 54 | 84 | 89 | 28 | 41 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 53 | 20 | 10 | 5 | 1 | 13 | 2 | - | - | - | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 43 | 204 | 632 | 2,257 | 86 | 4 | 38 | 150 | 520 | 2,047 | 87 |
| Death rate attributable to tobacco | 2 | 9 | 20 | 25 | 14 | 7 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 35 | 21 | 10 | 4 | 1 | 8 | 5 | - | - | - | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 19 | 77 | 312 | 1,003 | 3,796 | 146 | 12 | 62 | 245 | 925 | 3,707 | 155 |
| Death rate attributable to tobacco | 11 | 18 | 36 | 55 | 29 | 18 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 59 | 24 | 12 | 5 | 1 | 12 | 3 | - | - | - | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 9 | 27 | 121 | 357 | 960 | 50 | 7 | 18 | 68 | 225 | 685 | 38 |
| Death rate attributable to tobacco | 3 | 9 | 47 | 133 | 351 | 18 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 29 | 34 | 39 | 37 | 37 | 36 | 4 | - | - | - | - | 0 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 14 | 77 | 238 | 597 | 29 | 1 | 9 | 43 | 146 | 437 | 22 |
| Death rate attributable to tobacco | 1 | 8 | 42 | 123 | 317 | 16 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 71 | 55 | 55 | 52 | 53 | 54 | 15 | - | - | - | - | 0 |
| <i>Death rate: Other respiratory diseases</i> | 7 | 13 | 44 | 119 | 363 | 21 | 6 | 10 | 26 | 79 | 248 | 17 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 11 | 34 | 2 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 10 | 10 | 9 | 9 | 11 | 2 | - | - | - | - | 0 |

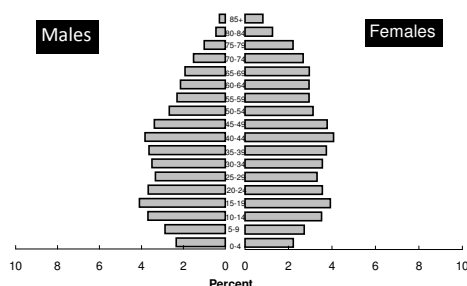
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Lithuania

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 689 | 663 | 1,352 |
| 30-44 | 377 | 391 | 769 |
| 45-59 | 288 | 339 | 627 |
| 60-69 | 139 | 203 | 342 |
| 70-79 | 87 | 168 | 254 |
| 80+ | 25 | 72 | 97 |
| Total | 1,605 | 1,836 | 3,440 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1677 per 100,000 population) was about 34.1 times that for communicable diseases (49 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 19% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 714 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 67 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 23% of all lower respiratory infection deaths and 22% of all tuberculosis deaths.

- The death rate due to tobacco in men was (573 per 100,000 men aged 30 years and over) compared with women (54 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 3% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 34.5% of those whose death was due to a lower respiratory infection, 52.2% of deaths due to the category of 'all cardiovascular diseases combined', and 86.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 346 | 1,011 | 2,204 | 4,440 | 12,959 | 1,932 |
| Death rate attributable to tobacco | 44 | 280 | 513 | 587 | 562 | 282 |
| Proportion of deaths attributable to tobacco (%) | 13 | 28 | 23 | 13 | 4 | 15 |
| Death rate: Communicable diseases | 22 | 43 | 61 | 88 | 162 | 49 |
| Death rate attributable to tobacco | 3 | 12 | 12 | 14 | 16 | 9 |
| Proportion of deaths attributable to tobacco (%) | 15 | 27 | 20 | 15 | 10 | 19 |
| Death rate: Tuberculosis | 9 | 18 | 19 | 13 | 29 | 15 |
| Death rate attributable to tobacco | 2 | 5 | 5 | 2 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 16 | 29 | 24 | 17 | 10 | 22 |
| Death rate: Lower respiratory infections | 8 | 19 | 27 | 55 | 109 | 25 |
| Death rate attributable to tobacco | 2 | 7 | 8 | 11 | 13 | 6 |
| Proportion of deaths attributable to tobacco (%) | 20 | 35 | 28 | 20 | 12 | 23 |
| Death rate: Noncommunicable diseases | 157 | 714 | 1,916 | 4,173 | 12,592 | 1,677 |
| Death rate attributable to tobacco | 40 | 268 | 501 | 573 | 546 | 273 |
| Proportion of deaths attributable to tobacco (%) | 26 | 38 | 26 | 14 | 4 | 16 |
| Death rate: All malignant neoplasms | 38 | 262 | 631 | 1,042 | 1,282 | 382 |
| Death rate attributable to tobacco | 4 | 87 | 193 | 235 | 157 | 95 |
| Proportion of deaths attributable to tobacco (%) | 11 | 33 | 31 | 23 | 12 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 50 | 138 | 183 | 130 | 67 |
| Death rate attributable to tobacco | 1 | 43 | 121 | 152 | 89 | 56 |
| Proportion of deaths attributable to tobacco (%) | 46 | 86 | 88 | 83 | 69 | 84 |
| Death rate: All other malignant neoplasms | 35 | 212 | 492 | 860 | 1,153 | 315 |
| Death rate attributable to tobacco | 3 | 44 | 72 | 83 | 68 | 39 |
| Proportion of deaths attributable to tobacco (%) | 8 | 21 | 15 | 10 | 6 | 12 |
| Death rate: All Cardiovascular diseases | 66 | 323 | 1,027 | 2,689 | 10,431 | 1,100 |
| Death rate attributable to tobacco | 35 | 169 | 252 | 243 | 188 | 143 |
| Proportion of deaths attributable to tobacco (%) | 52 | 52 | 25 | 9 | 2 | 13 |
| Death rate: Ischaemic heart disease | 24 | 190 | 656 | 1,724 | 7,146 | 714 |
| Death rate attributable to tobacco | 13 | 101 | 166 | 160 | 156 | 89 |
| Proportion of deaths attributable to tobacco (%) | 55 | 53 | 25 | 9 | 2 | 12 |
| Death rate: Cerebrovascular disease | 10 | 54 | 222 | 699 | 2,427 | 254 |
| Death rate attributable to tobacco | 4 | 25 | 48 | 55 | 8 | 24 |
| Proportion of deaths attributable to tobacco (%) | 36 | 48 | 22 | 8 | 0 | 9 |
| Death rate: Other cardiovascular diseases | 33 | 80 | 150 | 265 | 858 | 132 |
| Death rate attributable to tobacco | 18 | 42 | 38 | 27 | 24 | 30 |
| Proportion of deaths attributable to tobacco (%) | 54 | 53 | 25 | 10 | 3 | 23 |
| Death rate: Respiratory diseases | 3 | 17 | 74 | 147 | 359 | 53 |
| Death rate attributable to tobacco | 1 | 11 | 53 | 94 | 198 | 33 |
| Proportion of deaths attributable to tobacco (%) | 53 | 67 | 71 | 64 | 55 | 63 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 12 | 65 | 131 | 331 | 46 |
| Death rate attributable to tobacco | 1 | 9 | 51 | 91 | 194 | 32 |
| Proportion of deaths attributable to tobacco (%) | 74 | 81 | 79 | 70 | 59 | 69 |
| Death rate: Other respiratory diseases | 1 | 5 | 9 | 16 | 28 | 7 |
| Death rate attributable to tobacco | 0 | 2 | 2 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 34 | 21 | 18 | 12 | 21 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 558 | 1,590 | 3,539 | 6,437 | 15,380 | 2,296 | 142 | 519 | 1,288 | 3,409 | 12,115 | 1,648 |
| Death rate attributable to tobacco | 87 | 564 | 1,205 | 1,523 | 1,185 | 573 | 2 | 39 | 38 | 104 | 345 | 54 |
| Proportion of deaths attributable to tobacco (%) | 16 | 35 | 34 | 24 | 8 | 25 | 1 | 7 | 3 | 3 | 3 | 3 |
| <u>Death rate: Communicable diseases</u> | 37 | 78 | 112 | 161 | 296 | 80 | 7 | 14 | 26 | 51 | 115 | 25 |
| Death rate attributable to tobacco | 6 | 25 | 30 | 37 | 43 | 20 | 0 | 1 | 0 | 1 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | 17 | 32 | 27 | 23 | 14 | 25 | 2 | 5 | 2 | 3 | 6 | 4 |
| <i>Death rate: Tuberculosis</i> | 17 | 35 | 41 | 29 | 75 | 29 | 2 | 3 | 4 | 5 | 13 | 4 |
| Death rate attributable to tobacco | 3 | 11 | 11 | 6 | 10 | 7 | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 32 | 27 | 21 | 13 | 25 | 2 | 4 | 2 | 2 | 4 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 13 | 34 | 53 | 108 | 189 | 39 | 3 | 6 | 10 | 28 | 81 | 14 |
| Death rate attributable to tobacco | 3 | 14 | 19 | 31 | 33 | 12 | 0 | 1 | 0 | 1 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 24 | 40 | 35 | 28 | 18 | 31 | 3 | 8 | 3 | 5 | 8 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 227 | 1,073 | 3,022 | 5,968 | 14,705 | 1,856 | 90 | 410 | 1,157 | 3,246 | 11,855 | 1,538 |
| Death rate attributable to tobacco | 80 | 539 | 1,175 | 1,486 | 1,142 | 553 | 2 | 38 | 38 | 103 | 338 | 54 |
| Proportion of deaths attributable to tobacco (%) | 35 | 50 | 39 | 25 | 8 | 30 | 2 | 9 | 3 | 3 | 3 | 3 |
| <i>Death rate: All malignant neoplasms</i> | 32 | 338 | 975 | 1,687 | 2,230 | 488 | 44 | 197 | 394 | 709 | 952 | 299 |
| Death rate attributable to tobacco | 8 | 180 | 462 | 650 | 475 | 205 | 0 | 9 | 9 | 21 | 46 | 10 |
| Proportion of deaths attributable to tobacco (%) | 25 | 53 | 47 | 39 | 21 | 42 | 1 | 5 | 2 | 3 | 5 | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 95 | 306 | 452 | 313 | 129 | 2 | 12 | 23 | 44 | 66 | 18 |
| Death rate attributable to tobacco | 3 | 88 | 289 | 421 | 270 | 120 | 0 | 6 | 6 | 14 | 26 | 6 |
| Proportion of deaths attributable to tobacco (%) | 60 | 93 | 94 | 93 | 86 | 93 | 13 | 45 | 27 | 32 | 39 | 34 |
| <i>Death rate: All other malignant neoplasms</i> | 27 | 243 | 669 | 1,235 | 1,918 | 359 | 42 | 185 | 371 | 666 | 886 | 281 |
| Death rate attributable to tobacco | 5 | 92 | 173 | 230 | 205 | 85 | 0 | 3 | 2 | 7 | 20 | 4 |
| Proportion of deaths attributable to tobacco (%) | 20 | 38 | 26 | 19 | 11 | 24 | 1 | 2 | 1 | 1 | 2 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 112 | 540 | 1,649 | 3,604 | 11,115 | 1,110 | 23 | 139 | 601 | 2,216 | 10,193 | 1,091 |
| Death rate attributable to tobacco | 69 | 335 | 581 | 584 | 141 | 281 | 1 | 27 | 26 | 67 | 205 | 35 |
| Proportion of deaths attributable to tobacco (%) | 62 | 62 | 35 | 16 | 1 | 25 | 5 | 20 | 4 | 3 | 2 | 3 |
| <i>Death rate: Ischaemic heart disease</i> | 43 | 341 | 1,123 | 2,481 | 7,878 | 745 | 5 | 62 | 335 | 1,334 | 6,891 | 689 |
| Death rate attributable to tobacco | 26 | 207 | 388 | 402 | 98 | 175 | 0 | 11 | 13 | 35 | 177 | 21 |
| Proportion of deaths attributable to tobacco (%) | 62 | 61 | 35 | 16 | 1 | 24 | 4 | 17 | 4 | 3 | 3 | 3 |
| <i>Death rate: Cerebrovascular disease</i> | 16 | 76 | 312 | 795 | 2,370 | 218 | 4 | 34 | 160 | 650 | 2,447 | 281 |
| Death rate attributable to tobacco | 7 | 47 | 107 | 116 | 29 | 46 | 0 | 7 | 8 | 24 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 43 | 61 | 34 | 15 | 1 | 21 | 10 | 21 | 5 | 4 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 53 | 123 | 215 | 329 | 867 | 148 | 13 | 43 | 105 | 232 | 854 | 120 |
| Death rate attributable to tobacco | 36 | 82 | 86 | 65 | 14 | 60 | 1 | 9 | 5 | 8 | 28 | 7 |
| Proportion of deaths attributable to tobacco (%) | 68 | 66 | 40 | 20 | 2 | 41 | 5 | 21 | 5 | 3 | 3 | 5 |
| <u>Death rate: Respiratory diseases</u> | 5 | 30 | 154 | 322 | 779 | 87 | 1 | 5 | 19 | 56 | 212 | 26 |
| Death rate attributable to tobacco | 3 | 22 | 125 | 248 | 519 | 65 | 0 | 2 | 3 | 15 | 86 | 8 |
| Proportion of deaths attributable to tobacco (%) | 57 | 74 | 81 | 77 | 67 | 75 | 15 | 34 | 16 | 26 | 40 | 32 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 21 | 141 | 296 | 731 | 77 | 0 | 4 | 12 | 45 | 191 | 21 |
| Death rate attributable to tobacco | 2 | 19 | 121 | 240 | 511 | 62 | 0 | 2 | 3 | 14 | 84 | 8 |
| Proportion of deaths attributable to tobacco (%) | 78 | 88 | 86 | 81 | 70 | 80 | 25 | 46 | 24 | 31 | 44 | 38 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 9 | 13 | 27 | 48 | 9 | 0 | 2 | 7 | 11 | 21 | 5 |
| Death rate attributable to tobacco | 0 | 3 | 5 | 8 | 8 | 3 | 0 | 0 | 0 | 0 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 24 | 40 | 35 | 28 | 18 | 31 | 3 | 8 | 3 | 5 | 8 | 5 |

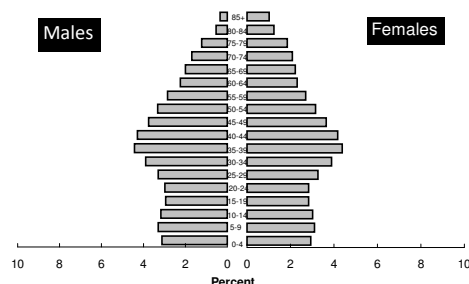
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Luxembourg

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 85 | 81 | 166 |
| 30-44 | 57 | 56 | 113 |
| 45-59 | 45 | 43 | 88 |
| 60-69 | 19 | 20 | 40 |
| 70-79 | 13 | 18 | 31 |
| 80+ | 4 | 10 | 14 |
| Total | 223 | 229 | 452 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1115 per 100,000 population) was about 13.8 times that for communicable diseases (81 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 179 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 71 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 21% of all lower respiratory infection deaths and 17% of all tuberculosis deaths.

- The death rate due to tobacco in men was (310 per 100,000 men aged 30 years and over) compared with women (123 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 10% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 27.7% of those whose death was due to a lower respiratory infection, 49.6% of deaths due to the category of 'all cardiovascular diseases combined', and 84.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 119 | 425 | 1,317 | 3,437 | 10,858 | 1,271 |
| Death rate attributable to tobacco | 16 | 125 | 372 | 661 | 921 | 214 |
| Proportion of deaths attributable to tobacco (%) | 13 | 29 | 28 | 19 | 8 | 17 |
| Death rate: Communicable diseases | 7 | 17 | 56 | 168 | 945 | 81 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 24 | 133 | 11 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 12 | 14 | 14 | 14 |
| Death rate: Tuberculosis | - | 1 | 1 | 1 | 2 | 1 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 18 | 21 | 21 | 8 | 17 |
| Death rate: Lower respiratory infections | 3 | 8 | 25 | 106 | 699 | 53 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 24 | 133 | 11 |
| Proportion of deaths attributable to tobacco (%) | 22 | 28 | 27 | 23 | 19 | 21 |
| Death rate: Noncommunicable diseases | 71 | 356 | 1,190 | 3,143 | 9,530 | 1,115 |
| Death rate attributable to tobacco | 15 | 123 | 365 | 637 | 787 | 203 |
| Proportion of deaths attributable to tobacco (%) | 22 | 35 | 31 | 20 | 8 | 18 |
| Death rate: All malignant neoplasms | 26 | 169 | 524 | 1,087 | 1,725 | 338 |
| Death rate attributable to tobacco | 5 | 61 | 194 | 300 | 294 | 95 |
| Proportion of deaths attributable to tobacco (%) | 18 | 36 | 37 | 28 | 17 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 45 | 146 | 236 | 212 | 71 |
| Death rate attributable to tobacco | 2 | 38 | 129 | 206 | 171 | 61 |
| Proportion of deaths attributable to tobacco (%) | 53 | 84 | 88 | 87 | 81 | 85 |
| Death rate: All other malignant neoplasms | 23 | 124 | 378 | 851 | 1,513 | 267 |
| Death rate attributable to tobacco | 3 | 24 | 65 | 94 | 123 | 34 |
| Proportion of deaths attributable to tobacco (%) | 13 | 19 | 17 | 11 | 8 | 13 |
| Death rate: All Cardiovascular diseases | 22 | 109 | 415 | 1,355 | 5,629 | 525 |
| Death rate attributable to tobacco | 10 | 54 | 121 | 197 | 215 | 69 |
| Proportion of deaths attributable to tobacco (%) | 47 | 50 | 29 | 15 | 4 | 13 |
| Death rate: Ischaemic heart disease | 7 | 55 | 198 | 535 | 1,485 | 179 |
| Death rate attributable to tobacco | 4 | 26 | 54 | 73 | 61 | 28 |
| Proportion of deaths attributable to tobacco (%) | 56 | 48 | 27 | 14 | 4 | 16 |
| Death rate: Cerebrovascular disease | 5 | 21 | 102 | 362 | 1,533 | 138 |
| Death rate attributable to tobacco | 2 | 10 | 29 | 50 | 9 | 14 |
| Proportion of deaths attributable to tobacco (%) | 33 | 49 | 29 | 14 | 1 | 10 |
| Death rate: Other cardiovascular diseases | 10 | 33 | 115 | 459 | 2,610 | 209 |
| Death rate attributable to tobacco | 5 | 18 | 38 | 74 | 145 | 28 |
| Proportion of deaths attributable to tobacco (%) | 47 | 53 | 33 | 16 | 6 | 13 |
| Death rate: Respiratory diseases | 1 | 14 | 79 | 237 | 559 | 69 |
| Death rate attributable to tobacco | 0 | 7 | 47 | 133 | 266 | 37 |
| Proportion of deaths attributable to tobacco (%) | 37 | 53 | 59 | 56 | 48 | 53 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 6 | 51 | 150 | 306 | 41 |
| Death rate attributable to tobacco | 0 | 5 | 39 | 114 | 217 | 30 |
| Proportion of deaths attributable to tobacco (%) | 80 | 82 | 78 | 76 | 71 | 75 |
| Death rate: Other respiratory diseases | 1 | 7 | 29 | 87 | 254 | 29 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 19 | 49 | 6 |
| Proportion of deaths attributable to tobacco (%) | 21 | 28 | 25 | 22 | 19 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 159 | 556 | 1,752 | 4,327 | 12,242 | 1,253 | 79 | 288 | 911 | 2,777 | 10,320 | 1,288 |
| Death rate attributable to tobacco | 28 | 195 | 563 | 1,141 | 1,699 | 310 | 4 | 52 | 193 | 307 | 618 | 123 |
| Proportion of deaths attributable to tobacco (%) | 17 | 35 | 32 | 26 | 14 | 25 | 5 | 18 | 21 | 11 | 6 | 10 |
| <u>Death rate: Communicable diseases</u> | 9 | 23 | 79 | 204 | 1,132 | 74 | 4 | 12 | 34 | 141 | 873 | 87 |
| Death rate attributable to tobacco | 1 | 3 | 12 | 38 | 233 | 13 | 0 | 1 | 2 | 14 | 94 | 9 |
| Proportion of deaths attributable to tobacco (%) | 12 | 15 | 15 | 18 | 21 | 18 | 4 | 10 | 7 | 10 | 11 | 10 |
| <i>Death rate: Tuberculosis</i> | - | 1 | 2 | 3 | - | 1 | - | 1 | - | - | 3 | 0 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | - | 0 | - | 0 | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 24 | 21 | 21 | | 22 | | 12 | | | 8 | 10 |
| <i>Death rate: Lower respiratory infections</i> | 4 | 10 | 40 | 134 | 855 | 48 | 2 | 5 | 11 | 85 | 639 | 58 |
| Death rate attributable to tobacco | 1 | 3 | 11 | 37 | 233 | 13 | 0 | 1 | 2 | 14 | 93 | 9 |
| Proportion of deaths attributable to tobacco (%) | 27 | 31 | 28 | 28 | 27 | 28 | 10 | 21 | 22 | 17 | 15 | 15 |
| <u>Death rate: Noncommunicable diseases</u> | 85 | 460 | 1,565 | 3,986 | 10,698 | 1,089 | 57 | 247 | 839 | 2,519 | 9,076 | 1,140 |
| Death rate attributable to tobacco | 27 | 192 | 551 | 1,103 | 1,466 | 297 | 4 | 51 | 191 | 292 | 524 | 114 |
| Proportion of deaths attributable to tobacco (%) | 31 | 42 | 35 | 28 | 14 | 27 | 7 | 21 | 23 | 12 | 6 | 10 |
| <i>Death rate: All malignant neoplasms</i> | 26 | 194 | 697 | 1,388 | 2,521 | 375 | 26 | 142 | 362 | 865 | 1,416 | 304 |
| Death rate attributable to tobacco | 8 | 97 | 326 | 582 | 775 | 158 | 1 | 24 | 71 | 91 | 107 | 36 |
| Proportion of deaths attributable to tobacco (%) | 33 | 50 | 47 | 42 | 31 | 42 | 4 | 17 | 20 | 11 | 8 | 12 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 5 | 66 | 226 | 438 | 518 | 111 | 2 | 23 | 71 | 87 | 93 | 34 |
| Death rate attributable to tobacco | 3 | 59 | 208 | 407 | 476 | 102 | 1 | 16 | 55 | 57 | 53 | 23 |
| Proportion of deaths attributable to tobacco (%) | 63 | 89 | 92 | 93 | 92 | 91 | 32 | 71 | 77 | 66 | 57 | 67 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 128 | 471 | 950 | 2,003 | 264 | 24 | 119 | 291 | 778 | 1,323 | 269 |
| Death rate attributable to tobacco | 6 | 38 | 117 | 175 | 299 | 56 | 0 | 8 | 16 | 34 | 55 | 13 |
| Proportion of deaths attributable to tobacco (%) | 26 | 30 | 25 | 18 | 15 | 21 | 1 | 7 | 6 | 4 | 4 | 5 |
| <i>Death rate: All Cardiovascular diseases</i> | 27 | 155 | 546 | 1,701 | 5,785 | 466 | 17 | 60 | 292 | 1,099 | 5,568 | 581 |
| Death rate attributable to tobacco | 17 | 82 | 159 | 283 | 141 | 87 | 3 | 25 | 85 | 133 | 244 | 53 |
| Proportion of deaths attributable to tobacco (%) | 65 | 53 | 29 | 17 | 2 | 19 | 18 | 41 | 29 | 12 | 4 | 9 |
| <i>Death rate: Ischaemic heart disease</i> | 12 | 82 | 284 | 796 | 1,815 | 199 | 2 | 27 | 118 | 341 | 1,357 | 160 |
| Death rate attributable to tobacco | 8 | 41 | 78 | 126 | 39 | 41 | 0 | 10 | 31 | 34 | 70 | 16 |
| Proportion of deaths attributable to tobacco (%) | 64 | 51 | 28 | 16 | 2 | 20 | 11 | 38 | 27 | 10 | 5 | 10 |
| <i>Death rate: Cerebrovascular disease</i> | 3 | 27 | 117 | 357 | 1,451 | 102 | 6 | 15 | 88 | 365 | 1,566 | 171 |
| Death rate attributable to tobacco | 1 | 14 | 32 | 51 | 31 | 15 | 2 | 6 | 27 | 50 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 46 | 52 | 27 | 14 | 2 | 15 | 26 | 44 | 30 | 14 | - | 7 |
| <i>Death rate: Other cardiovascular diseases</i> | 12 | 47 | 146 | 549 | 2,520 | 165 | 9 | 19 | 86 | 393 | 2,645 | 251 |
| Death rate attributable to tobacco | 8 | 27 | 48 | 107 | 71 | 31 | 1 | 8 | 28 | 50 | 174 | 25 |
| Proportion of deaths attributable to tobacco (%) | 70 | 57 | 33 | 20 | 3 | 19 | 14 | 44 | 32 | 13 | 7 | 10 |
| <u>Death rate: Respiratory diseases</u> | 2 | 21 | 98 | 352 | 873 | 80 | 1 | 6 | 62 | 152 | 438 | 59 |
| Death rate attributable to tobacco | 1 | 12 | 62 | 227 | 530 | 50 | 0 | 2 | 33 | 64 | 163 | 24 |
| Proportion of deaths attributable to tobacco (%) | 45 | 58 | 63 | 64 | 61 | 62 | 10 | 35 | 53 | 42 | 37 | 41 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 11 | 65 | 244 | 550 | 52 | - | 2 | 37 | 81 | 211 | 30 |
| Death rate attributable to tobacco | 1 | 9 | 53 | 197 | 442 | 42 | - | 1 | 27 | 53 | 130 | 19 |
| Proportion of deaths attributable to tobacco (%) | 80 | 83 | 81 | 81 | 80 | 81 | | 71 | 73 | 65 | 62 | 65 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 10 | 33 | 108 | 323 | 28 | 1 | 4 | 25 | 71 | 227 | 29 |
| Death rate attributable to tobacco | 0 | 3 | 9 | 30 | 88 | 8 | 0 | 1 | 5 | 12 | 33 | 5 |
| Proportion of deaths attributable to tobacco (%) | 27 | 31 | 28 | 28 | 27 | 28 | 10 | 21 | 22 | 17 | 15 | 16 |

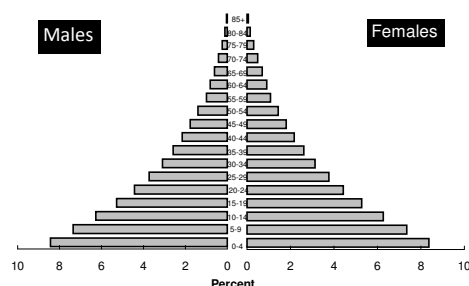
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Madagascar

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 6,436 | 6,427 | 12,862 |
| 30-44 | 1,419 | 1,437 | 2,855 |
| 45-59 | 756 | 782 | 1,538 |
| 60-69 | 258 | 290 | 548 |
| 70-79 | 120 | 144 | 264 |
| 80+ | 29 | 39 | 67 |
| Total | 9,017 | 9,118 | 18,135 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1065 per 100,000 population) was about 2.5 times that for communicable diseases (431 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 148 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 9 deaths per 100,000 population but with 33% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (64 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 500 | 1,256 | 3,290 | 7,732 | 17,783 | 1,593 |
| Death rate attributable to tobacco | - | 29 | 104 | 160 | 338 | 32 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 207 | 414 | 852 | 1,488 | 2,764 | 431 |
| Death rate attributable to tobacco | - | 4 | 13 | 16 | 42 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 72 | 83 | 113 | 141 | 119 | 84 |
| Death rate attributable to tobacco | - | 1 | 2 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 2 | 1 |
| Death rate: Lower respiratory infections | 26 | 141 | 406 | 774 | 1,637 | 157 |
| Death rate attributable to tobacco | - | 3 | 11 | 14 | 39 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 2 | 2 |
| Death rate: Noncommunicable diseases | 217 | 748 | 2,306 | 6,033 | 14,734 | 1,065 |
| Death rate attributable to tobacco | - | 25 | 91 | 144 | 296 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 2 | 2 | 3 |
| Death rate: All malignant neoplasms | 34 | 162 | 474 | 1,093 | 1,998 | 195 |
| Death rate attributable to tobacco | - | 8 | 35 | 55 | 120 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 5 | 6 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 26 | 46 | 63 | 9 |
| Death rate attributable to tobacco | - | 2 | 11 | 15 | 27 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 41 | 34 | 42 | 33 |
| Death rate: All other malignant neoplasms | 33 | 154 | 448 | 1,047 | 1,935 | 187 |
| Death rate attributable to tobacco | - | 6 | 24 | 40 | 93 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 4 | 5 | 4 |
| Death rate: All Cardiovascular diseases | 72 | 302 | 1,019 | 2,965 | 8,218 | 486 |
| Death rate attributable to tobacco | - | 11 | 21 | 21 | 11 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 13 | 100 | 371 | 928 | 2,073 | 148 |
| Death rate attributable to tobacco | - | 4 | 9 | 8 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 29 | 113 | 375 | 1,092 | 2,885 | 179 |
| Death rate attributable to tobacco | - | 4 | 7 | 6 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 30 | 89 | 273 | 946 | 3,259 | 159 |
| Death rate attributable to tobacco | - | 3 | 6 | 7 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 28 | 84 | 269 | 657 | 1,404 | 118 |
| Death rate attributable to tobacco | - | 7 | 33 | 65 | 159 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 12 | 10 | 11 | 9 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 33 | 133 | 338 | 657 | 52 |
| Death rate attributable to tobacco | - | 6 | 30 | 59 | 142 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 23 | 17 | 22 | 19 |
| Death rate: Other respiratory diseases | 22 | 51 | 136 | 319 | 747 | 67 |
| Death rate attributable to tobacco | - | 1 | 3 | 6 | 17 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 564 | 1,487 | 3,834 | 8,501 | 18,985 | 1,734 | 437 | 1,033 | 2,805 | 7,088 | 16,895 | 1,457 |
| Death rate attributable to tobacco | - | 60 | 220 | 345 | 796 | 64 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 4 | 4 | 4 | - | - | - | 0 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 231 | 541 | 1,130 | 1,846 | 3,235 | 520 | 183 | 291 | 605 | 1,189 | 2,416 | 345 |
| Death rate attributable to tobacco | - | 8 | 28 | 35 | 99 | 8 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 3 | 2 | - | - | - | 0 | - | 0 |
| <u>Death rate: Tuberculosis</u> | 103 | 126 | 163 | 207 | 186 | 121 | 41 | 42 | 68 | 87 | 69 | 47 |
| Death rate attributable to tobacco | - | 3 | 5 | 4 | 6 | 2 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 3 | 1 | - | - | - | 0 | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 40 | 179 | 562 | 990 | 1,947 | 199 | 12 | 104 | 267 | 592 | 1,408 | 117 |
| Death rate attributable to tobacco | - | 5 | 23 | 31 | 92 | 6 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 5 | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 219 | 803 | 2,526 | 6,360 | 15,424 | 1,075 | 215 | 694 | 2,110 | 5,759 | 14,224 | 1,056 |
| Death rate attributable to tobacco | - | 52 | 192 | 310 | 697 | 56 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 8 | 5 | 5 | 5 | - | - | - | 0 | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 161 | 544 | 1,333 | 2,745 | 209 | 41 | 162 | 411 | 892 | 1,446 | 182 |
| Death rate attributable to tobacco | - | 15 | 74 | 120 | 283 | 21 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 14 | 9 | 10 | 10 | - | - | - | 0 | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 11 | 40 | 65 | 105 | 12 | 1 | 4 | 14 | 30 | 32 | 5 |
| Death rate attributable to tobacco | - | 4 | 23 | 34 | 63 | 6 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 57 | 52 | 60 | 48 | - | - | - | 1 | - | 0 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 150 | 504 | 1,268 | 2,639 | 197 | 40 | 158 | 397 | 862 | 1,414 | 177 |
| Death rate attributable to tobacco | - | 11 | 51 | 87 | 220 | 15 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 7 | 8 | 8 | - | - | - | 0 | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 68 | 316 | 1,048 | 2,826 | 7,733 | 452 | 76 | 289 | 993 | 3,082 | 8,576 | 519 |
| Death rate attributable to tobacco | - | 22 | 44 | 45 | 25 | 13 | - | - | - | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 2 | 0 | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 16 | 132 | 454 | 1,121 | 2,324 | 171 | 10 | 70 | 297 | 767 | 1,888 | 125 |
| Death rate attributable to tobacco | - | 9 | 18 | 17 | 7 | 5 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 2 | 0 | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 27 | 112 | 359 | 937 | 2,432 | 154 | 32 | 114 | 390 | 1,221 | 3,220 | 204 |
| Death rate attributable to tobacco | - | 8 | 14 | 13 | 7 | 4 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 1 | 0 | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: Other cardiovascular diseases</u> | 26 | 72 | 235 | 768 | 2,976 | 127 | 34 | 105 | 306 | 1,094 | 3,468 | 190 |
| Death rate attributable to tobacco | - | 6 | 12 | 15 | 11 | 4 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 5 | 2 | 0 | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 29 | 108 | 368 | 885 | 1,807 | 145 | 28 | 61 | 180 | 467 | 1,106 | 93 |
| Death rate attributable to tobacco | - | 14 | 71 | 140 | 374 | 22 | - | - | - | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 19 | 16 | 21 | 15 | - | - | - | 0 | - | 0 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 7 | 47 | 201 | 497 | 951 | 71 | 5 | 19 | 72 | 205 | 439 | 33 |
| Death rate attributable to tobacco | - | 12 | 64 | 128 | 334 | 19 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 32 | 26 | 35 | 27 | - | - | - | 1 | - | 0 |
| <u>Death rate: Other respiratory diseases</u> | 22 | 61 | 167 | 388 | 856 | 74 | 23 | 42 | 108 | 261 | 666 | 60 |
| Death rate attributable to tobacco | - | 2 | 7 | 12 | 41 | 2 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 5 | 3 | - | - | - | 0 | - | 0 |

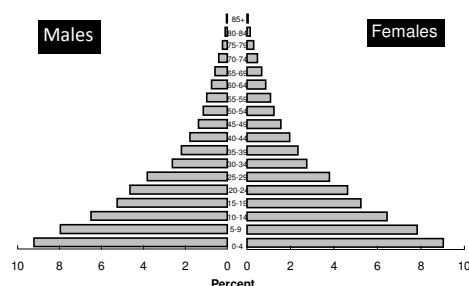
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Malawi

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,823 | 4,766 | 9,590 |
| 30-44 | 849 | 909 | 1,759 |
| 45-59 | 451 | 500 | 951 |
| 60-69 | 171 | 196 | 368 |
| 70-79 | 82 | 101 | 183 |
| 80+ | 18 | 25 | 43 |
| Total | 6,395 | 6,499 | 12,894 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1117 per 100,000 population) was about 0.6 times that for communicable diseases (1901 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 160 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 44% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (69 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,429 | 2,556 | 3,928 | 8,233 | 17,849 | 3,157 |
| Death rate attributable to tobacco | - | 14 | 56 | 281 | 529 | 33 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 3 | 3 | 1 |
| Death rate: Communicable diseases | 2,171 | 1,634 | 1,331 | 1,667 | 2,600 | 1,901 |
| Death rate attributable to tobacco | - | 2 | 6 | 31 | 71 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 0 | 2 | 3 | 0 |
| Death rate: Tuberculosis | 92 | 140 | 170 | 189 | 191 | 121 |
| Death rate attributable to tobacco | - | 1 | 1 | 6 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 3 | 4 | 1 |
| Death rate: Lower respiratory infections | 26 | 144 | 400 | 772 | 1,461 | 162 |
| Death rate attributable to tobacco | - | 1 | 5 | 26 | 62 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 3 | 4 | 2 |
| Death rate: Noncommunicable diseases | 150 | 781 | 2,399 | 6,300 | 14,945 | 1,117 |
| Death rate attributable to tobacco | - | 12 | 50 | 249 | 457 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 4 | 3 | 3 |
| Death rate: All malignant neoplasms | 23 | 170 | 492 | 1,137 | 2,041 | 206 |
| Death rate attributable to tobacco | - | 4 | 20 | 98 | 189 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 9 | 9 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 5 | 17 | 48 | 71 | 7 |
| Death rate attributable to tobacco | - | 1 | 5 | 30 | 50 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 30 | 64 | 70 | 44 |
| Death rate: All other malignant neoplasms | 23 | 165 | 475 | 1,089 | 1,969 | 199 |
| Death rate attributable to tobacco | - | 3 | 15 | 67 | 139 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 6 | 7 | 4 |
| Death rate: All Cardiovascular diseases | 49 | 317 | 1,063 | 3,105 | 8,316 | 517 |
| Death rate attributable to tobacco | - | 5 | 10 | 41 | 20 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 10 | 105 | 385 | 968 | 2,102 | 160 |
| Death rate attributable to tobacco | - | 2 | 4 | 16 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 2 | 0 | 1 |
| Death rate: Cerebrovascular disease | 20 | 118 | 392 | 1,143 | 2,924 | 190 |
| Death rate attributable to tobacco | - | 2 | 3 | 12 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 19 | 93 | 286 | 993 | 3,290 | 167 |
| Death rate attributable to tobacco | - | 1 | 3 | 14 | 9 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 19 | 87 | 277 | 682 | 1,423 | 122 |
| Death rate attributable to tobacco | - | 3 | 19 | 105 | 237 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 15 | 17 | 10 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 34 | 136 | 350 | 667 | 55 |
| Death rate attributable to tobacco | - | 3 | 17 | 95 | 205 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 13 | 27 | 31 | 19 |
| Death rate: Other respiratory diseases | 15 | 53 | 141 | 332 | 757 | 67 |
| Death rate attributable to tobacco | - | 0 | 2 | 11 | 31 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 3 | 4 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,414 | 3,118 | 4,546 | 8,927 | 19,293 | 3,383 | 2,443 | 2,048 | 3,389 | 7,666 | 16,829 | 2,952 |
| Death rate attributable to tobacco | - | 29 | 120 | 624 | 1,277 | 69 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 7 | 7 | 2 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 2,032 | 2,069 | 1,690 | 2,009 | 3,127 | 2,016 | 2,301 | 1,242 | 1,018 | 1,387 | 2,229 | 1,796 |
| Death rate attributable to tobacco | - | 4 | 14 | 70 | 172 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 3 | 6 | 0 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 152 | 233 | 234 | 302 | 333 | 194 | 36 | 56 | 114 | 97 | 91 | 55 |
| Death rate attributable to tobacco | - | 2 | 3 | 13 | 20 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 4 | 6 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 33 | 161 | 539 | 946 | 1,746 | 192 | 19 | 130 | 280 | 629 | 1,260 | 134 |
| Death rate attributable to tobacco | - | 2 | 11 | 57 | 151 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 6 | 9 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 200 | 823 | 2,570 | 6,558 | 15,802 | 1,149 | 103 | 743 | 2,249 | 6,090 | 14,340 | 1,089 |
| Death rate attributable to tobacco | - | 25 | 107 | 554 | 1,104 | 60 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 8 | 7 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 24 | 166 | 554 | 1,375 | 2,827 | 226 | 22 | 173 | 437 | 942 | 1,485 | 188 |
| Death rate attributable to tobacco | - | 9 | 43 | 217 | 456 | 24 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 16 | 16 | 11 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 9 | 28 | 99 | 162 | 13 | 0 | 2 | 7 | 6 | 7 | 2 |
| Death rate attributable to tobacco | - | 2 | 11 | 68 | 120 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 38 | 69 | 74 | 51 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 158 | 526 | 1,276 | 2,664 | 213 | 22 | 171 | 431 | 936 | 1,478 | 186 |
| Death rate attributable to tobacco | - | 7 | 33 | 150 | 336 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 12 | 13 | 8 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 63 | 324 | 1,068 | 2,914 | 7,905 | 487 | 37 | 310 | 1,058 | 3,261 | 8,606 | 545 |
| Death rate attributable to tobacco | - | 10 | 22 | 91 | 49 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 3 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 15 | 137 | 463 | 1,158 | 2,386 | 186 | 5 | 76 | 318 | 813 | 1,901 | 136 |
| Death rate attributable to tobacco | - | 4 | 9 | 35 | 13 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 3 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 24 | 114 | 365 | 965 | 2,486 | 165 | 16 | 121 | 415 | 1,288 | 3,234 | 213 |
| Death rate attributable to tobacco | - | 3 | 7 | 26 | 14 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 3 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 23 | 73 | 239 | 790 | 3,033 | 136 | 16 | 112 | 326 | 1,159 | 3,471 | 196 |
| Death rate attributable to tobacco | - | 3 | 6 | 30 | 22 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 4 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 26 | 111 | 375 | 912 | 1,854 | 156 | 12 | 65 | 192 | 493 | 1,119 | 92 |
| Death rate attributable to tobacco | - | 7 | 40 | 234 | 571 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 11 | 26 | 31 | 16 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 6 | 48 | 205 | 513 | 977 | 78 | 2 | 20 | 77 | 217 | 448 | 35 |
| Death rate attributable to tobacco | - | 6 | 37 | 210 | 496 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 18 | 41 | 51 | 29 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 20 | 63 | 170 | 400 | 877 | 78 | 10 | 44 | 115 | 276 | 672 | 57 |
| Death rate attributable to tobacco | - | 1 | 3 | 24 | 76 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 6 | 9 | 3 | - | - | - | - | - | - |

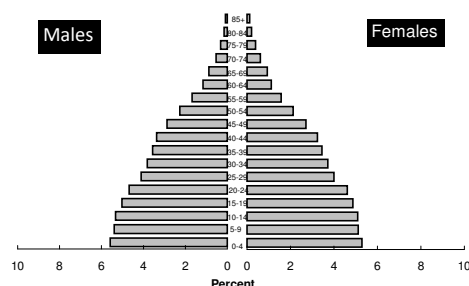
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Malaysia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 7,590 | 7,299 | 14,889 |
| 30-44 | 2,709 | 2,620 | 5,329 |
| 45-59 | 1,716 | 1,613 | 3,329 |
| 60-69 | 512 | 516 | 1,028 |
| 70-79 | 215 | 255 | 470 |
| 80+ | 63 | 84 | 146 |
| Total | 12,805 | 12,387 | 25,191 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (831 per 100,000 population) was about 4.2 times that for communicable diseases (197 per 100,000). Tobacco was responsible for 23% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 137 deaths per 100,000 population aged 30 years and over, with 21% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 38 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 22% of all lower respiratory infection deaths and 13% of all tuberculosis deaths.

- The death rate due to tobacco in men was (271 per 100,000 men aged 30 years and over) compared with women (146 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 15% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 17.6% of those whose death was due to a lower respiratory infection, 33.2% of deaths due to the category of 'all cardiovascular diseases combined', and 75.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 229 | 725 | 2,542 | 6,483 | 13,673 | 1,096 |
| Death rate attributable to tobacco | 24 | 135 | 595 | 1,396 | 2,093 | 209 |
| Proportion of deaths attributable to tobacco (%) | 11 | 19 | 23 | 22 | 15 | 19 |
| Death rate: Communicable diseases | 70 | 123 | 367 | 1,083 | 2,474 | 197 |
| Death rate attributable to tobacco | 3 | 10 | 36 | 129 | 371 | 19 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 10 | 12 | 15 | 10 |
| Death rate: Tuberculosis | 19 | 32 | 59 | 73 | 73 | 30 |
| Death rate attributable to tobacco | 2 | 4 | 10 | 13 | 10 | 4 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 18 | 18 | 14 | 13 |
| Death rate: Lower respiratory infections | 9 | 29 | 102 | 455 | 1,587 | 68 |
| Death rate attributable to tobacco | 1 | 5 | 24 | 115 | 353 | 15 |
| Proportion of deaths attributable to tobacco (%) | 15 | 18 | 23 | 25 | 22 | 22 |
| Death rate: Noncommunicable diseases | 106 | 533 | 2,084 | 5,258 | 10,997 | 831 |
| Death rate attributable to tobacco | 21 | 126 | 559 | 1,267 | 1,722 | 190 |
| Proportion of deaths attributable to tobacco (%) | 20 | 24 | 27 | 24 | 16 | 23 |
| Death rate: All malignant neoplasms | 29 | 172 | 567 | 1,070 | 1,528 | 198 |
| Death rate attributable to tobacco | 5 | 45 | 204 | 351 | 324 | 58 |
| Proportion of deaths attributable to tobacco (%) | 16 | 26 | 36 | 33 | 21 | 29 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 28 | 136 | 244 | 217 | 38 |
| Death rate attributable to tobacco | 1 | 21 | 119 | 214 | 176 | 32 |
| Proportion of deaths attributable to tobacco (%) | 41 | 76 | 88 | 88 | 81 | 82 |
| Death rate: All other malignant neoplasms | 26 | 144 | 431 | 826 | 1,311 | 159 |
| Death rate attributable to tobacco | 3 | 24 | 84 | 137 | 149 | 26 |
| Proportion of deaths attributable to tobacco (%) | 13 | 17 | 20 | 17 | 11 | 17 |
| Death rate: All Cardiovascular diseases | 39 | 199 | 842 | 2,412 | 5,686 | 359 |
| Death rate attributable to tobacco | 15 | 66 | 223 | 403 | 285 | 74 |
| Proportion of deaths attributable to tobacco (%) | 38 | 33 | 26 | 17 | 5 | 21 |
| Death rate: Ischaemic heart disease | 16 | 78 | 350 | 880 | 1,965 | 137 |
| Death rate attributable to tobacco | 7 | 25 | 88 | 132 | 128 | 28 |
| Proportion of deaths attributable to tobacco (%) | 41 | 33 | 25 | 15 | 6 | 21 |
| Death rate: Cerebrovascular disease | 7 | 49 | 216 | 766 | 1,898 | 103 |
| Death rate attributable to tobacco | 2 | 16 | 57 | 134 | 8 | 18 |
| Proportion of deaths attributable to tobacco (%) | 29 | 33 | 26 | 18 | 0 | 18 |
| Death rate: Other cardiovascular diseases | 15 | 73 | 276 | 766 | 1,822 | 120 |
| Death rate attributable to tobacco | 6 | 25 | 78 | 136 | 150 | 27 |
| Proportion of deaths attributable to tobacco (%) | 39 | 34 | 28 | 18 | 8 | 23 |
| Death rate: Respiratory diseases | 7 | 31 | 204 | 757 | 1,911 | 96 |
| Death rate attributable to tobacco | 1 | 12 | 116 | 474 | 1,069 | 53 |
| Proportion of deaths attributable to tobacco (%) | 21 | 38 | 57 | 63 | 56 | 55 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 13 | 127 | 541 | 1,273 | 60 |
| Death rate attributable to tobacco | 1 | 9 | 97 | 420 | 926 | 45 |
| Proportion of deaths attributable to tobacco (%) | 62 | 67 | 77 | 78 | 73 | 75 |
| Death rate: Other respiratory diseases | 6 | 18 | 77 | 216 | 638 | 35 |
| Death rate attributable to tobacco | 1 | 3 | 18 | 55 | 143 | 8 |
| Proportion of deaths attributable to tobacco (%) | 14 | 17 | 24 | 25 | 22 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 324 | 912 | 3,028 | 7,315 | 12,693 | 1,220 | 130 | 527 | 2,059 | 5,781 | 14,406 | 970 |
| Death rate attributable to tobacco | 41 | 216 | 830 | 1,750 | 2,065 | 271 | 7 | 50 | 361 | 1,097 | 2,113 | 146 |
| Proportion of deaths attributable to tobacco (%) | 13 | 24 | 27 | 24 | 16 | 22 | 5 | 9 | 18 | 19 | 15 | 15 |
| <u>Death rate: Communicable diseases</u> | 103 | 170 | 442 | 1,188 | 2,477 | 231 | 37 | 72 | 293 | 994 | 2,472 | 162 |
| Death rate attributable to tobacco | 5 | 16 | 51 | 137 | 289 | 22 | 1 | 3 | 21 | 123 | 432 | 17 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 12 | 11 | 12 | 10 | 3 | 4 | 7 | 12 | 17 | 10 |
| <i>Death rate: Tuberculosis</i> | 21 | 45 | 89 | 114 | 107 | 41 | 16 | 18 | 29 | 39 | 47 | 20 |
| Death rate attributable to tobacco | 2 | 7 | 18 | 21 | 14 | 6 | 1 | 1 | 3 | 6 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 16 | 20 | 18 | 13 | 16 | 6 | 5 | 11 | 15 | 15 | 8 |
| <i>Death rate: Lower respiratory infections</i> | 17 | 38 | 115 | 461 | 1,535 | 70 | 2 | 19 | 89 | 449 | 1,626 | 65 |
| Death rate attributable to tobacco | 3 | 8 | 30 | 114 | 268 | 15 | 0 | 2 | 17 | 116 | 417 | 15 |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 27 | 25 | 17 | 21 | 11 | 9 | 20 | 26 | 26 | 23 |
| <u>Death rate: Noncommunicable diseases</u> | 137 | 633 | 2,449 | 5,939 | 10,000 | 885 | 74 | 426 | 1,721 | 4,684 | 11,741 | 776 |
| Death rate attributable to tobacco | 36 | 200 | 779 | 1,613 | 1,776 | 249 | 6 | 47 | 340 | 975 | 1,681 | 129 |
| Proportion of deaths attributable to tobacco (%) | 26 | 32 | 32 | 27 | 18 | 28 | 8 | 11 | 20 | 21 | 14 | 17 |
| <i>Death rate: All malignant neoplasms</i> | 30 | 192 | 703 | 1,362 | 1,433 | 221 | 27 | 152 | 432 | 823 | 1,599 | 174 |
| Death rate attributable to tobacco | 7 | 78 | 331 | 564 | 437 | 91 | 2 | 11 | 77 | 171 | 240 | 25 |
| Proportion of deaths attributable to tobacco (%) | 25 | 41 | 47 | 41 | 31 | 41 | 6 | 7 | 18 | 21 | 15 | 14 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 43 | 210 | 380 | 311 | 56 | 2 | 13 | 63 | 130 | 146 | 21 |
| Death rate attributable to tobacco | 1 | 36 | 192 | 349 | 269 | 49 | 1 | 6 | 47 | 101 | 106 | 14 |
| Proportion of deaths attributable to tobacco (%) | 47 | 84 | 92 | 92 | 86 | 88 | 33 | 47 | 74 | 77 | 72 | 67 |
| <i>Death rate: All other malignant neoplasms</i> | 27 | 149 | 494 | 983 | 1,122 | 165 | 25 | 139 | 369 | 693 | 1,453 | 153 |
| Death rate attributable to tobacco | 6 | 42 | 139 | 215 | 169 | 41 | 1 | 5 | 30 | 71 | 134 | 11 |
| Proportion of deaths attributable to tobacco (%) | 22 | 28 | 28 | 22 | 15 | 25 | 3 | 4 | 8 | 10 | 9 | 7 |
| <i>Death rate: All Cardiovascular diseases</i> | 55 | 248 | 975 | 2,529 | 4,740 | 367 | 23 | 147 | 709 | 2,314 | 6,392 | 351 |
| Death rate attributable to tobacco | 26 | 100 | 264 | 356 | 63 | 88 | 4 | 30 | 182 | 443 | 451 | 59 |
| Proportion of deaths attributable to tobacco (%) | 47 | 40 | 27 | 14 | 1 | 24 | 16 | 20 | 26 | 19 | 7 | 17 |
| <i>Death rate: Ischaemic heart disease</i> | 26 | 107 | 425 | 1,043 | 1,799 | 155 | 7 | 47 | 275 | 743 | 2,090 | 118 |
| Death rate attributable to tobacco | 12 | 41 | 111 | 144 | 22 | 37 | 1 | 8 | 65 | 122 | 206 | 19 |
| Proportion of deaths attributable to tobacco (%) | 48 | 39 | 26 | 14 | 1 | 24 | 11 | 18 | 24 | 16 | 10 | 16 |
| <i>Death rate: Cerebrovascular disease</i> | 10 | 58 | 249 | 749 | 1,447 | 97 | 4 | 38 | 183 | 780 | 2,235 | 109 |
| Death rate attributable to tobacco | 3 | 23 | 64 | 93 | 18 | 20 | 1 | 8 | 49 | 169 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | 31 | 40 | 26 | 12 | 1 | 20 | 27 | 22 | 27 | 22 | - | 15 |
| <i>Death rate: Other cardiovascular diseases</i> | 19 | 83 | 301 | 737 | 1,493 | 115 | 12 | 62 | 251 | 791 | 2,067 | 125 |
| Death rate attributable to tobacco | 10 | 36 | 89 | 119 | 23 | 31 | 2 | 13 | 68 | 152 | 244 | 24 |
| Proportion of deaths attributable to tobacco (%) | 53 | 43 | 29 | 16 | 2 | 27 | 14 | 21 | 27 | 19 | 12 | 19 |
| <u>Death rate: Respiratory diseases</u> | 9 | 41 | 272 | 1,028 | 2,229 | 114 | 4 | 21 | 137 | 528 | 1,674 | 76 |
| Death rate attributable to tobacco | 2 | 19 | 165 | 660 | 1,249 | 66 | 1 | 5 | 67 | 318 | 935 | 40 |
| Proportion of deaths attributable to tobacco (%) | 22 | 45 | 61 | 64 | 56 | 57 | 17 | 24 | 49 | 60 | 56 | 52 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 18 | 175 | 760 | 1,644 | 75 | 1 | 8 | 79 | 356 | 996 | 45 |
| Death rate attributable to tobacco | 1 | 14 | 139 | 594 | 1,146 | 57 | 0 | 4 | 55 | 273 | 762 | 33 |
| Proportion of deaths attributable to tobacco (%) | 67 | 75 | 80 | 78 | 70 | 76 | 53 | 47 | 70 | 77 | 76 | 74 |
| <i>Death rate: Other respiratory diseases</i> | 8 | 23 | 97 | 268 | 585 | 39 | 3 | 12 | 58 | 172 | 678 | 31 |
| Death rate attributable to tobacco | 1 | 5 | 26 | 66 | 102 | 9 | 0 | 1 | 11 | 45 | 174 | 7 |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 27 | 25 | 17 | 22 | 11 | 9 | 20 | 26 | 26 | 22 |

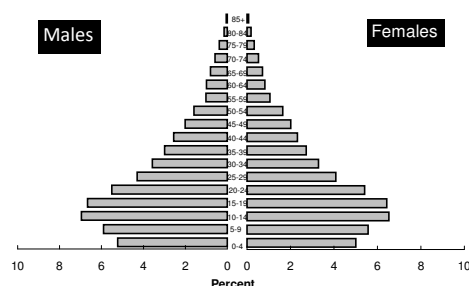
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Maldives

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 100 | 96 | 196 |
| 30-44 | 27 | 24 | 51 |
| 45-59 | 13 | 14 | 27 |
| 60-69 | 5 | 4 | 10 |
| 70-79 | 3 | 2 | 5 |
| 80+ | 1 | 1 | 1 |
| Total | 149 | 141 | 291 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1296 per 100,000 population) was about 10.3 times that for communicable diseases (126 per 100,000). Tobacco was responsible for 32% of all NCDs compared with 16% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 90 deaths per 100,000 population aged 30 years and over, with 34% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 96 deaths per 100,000 population but with 93% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 47% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (475 per 100,000 men aged 30 years and over) compared with women (397 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 29% for men and 25% for women.

- Among those who died prematurely, almost one in every 36 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 26.1% of those whose death was due to a lower respiratory infection, 47.7% of deaths due to the category of 'all cardiovascular diseases combined', and 82.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 221 | 871 | 3,427 | 9,701 | 23,498 | 1,607 |
| Death rate attributable to tobacco | 6 | 163 | 1,114 | 3,428 | 5,515 | 437 |
| Proportion of deaths attributable to tobacco (%) | 3 | 19 | 33 | 35 | 23 | 27 |
| Death rate: Communicable diseases | 77 | 74 | 118 | 465 | 1,722 | 126 |
| Death rate attributable to tobacco | 1 | 5 | 24 | 141 | 594 | 21 |
| Proportion of deaths attributable to tobacco (%) | 1 | 6 | 20 | 30 | 35 | 16 |
| Death rate: Tuberculosis | 6 | 15 | 25 | 22 | 19 | 12 |
| Death rate attributable to tobacco | 0 | 3 | 8 | 8 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 6 | 18 | 31 | 38 | 38 | 20 |
| Death rate: Lower respiratory infections | 2 | 8 | 38 | 261 | 1,119 | 38 |
| Death rate attributable to tobacco | 0 | 2 | 16 | 130 | 566 | 18 |
| Proportion of deaths attributable to tobacco (%) | 13 | 26 | 42 | 50 | 51 | 47 |
| Death rate: Noncommunicable diseases | 64 | 624 | 2,933 | 8,598 | 20,573 | 1,296 |
| Death rate attributable to tobacco | 5 | 159 | 1,090 | 3,287 | 4,921 | 417 |
| Proportion of deaths attributable to tobacco (%) | 9 | 25 | 37 | 38 | 24 | 32 |
| Death rate: All malignant neoplasms | 26 | 294 | 1,264 | 2,805 | 4,143 | 446 |
| Death rate attributable to tobacco | 2 | 76 | 539 | 1,343 | 1,822 | 180 |
| Proportion of deaths attributable to tobacco (%) | 8 | 26 | 43 | 48 | 44 | 40 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 40 | 281 | 720 | 960 | 96 |
| Death rate attributable to tobacco | 1 | 33 | 264 | 689 | 918 | 89 |
| Proportion of deaths attributable to tobacco (%) | 34 | 83 | 94 | 96 | 96 | 93 |
| Death rate: All other malignant neoplasms | 24 | 254 | 983 | 2,085 | 3,184 | 350 |
| Death rate attributable to tobacco | 1 | 43 | 275 | 654 | 903 | 91 |
| Proportion of deaths attributable to tobacco (%) | 5 | 17 | 28 | 31 | 28 | 26 |
| Death rate: All Cardiovascular diseases | 13 | 148 | 887 | 3,162 | 8,609 | 443 |
| Death rate attributable to tobacco | 3 | 71 | 417 | 1,229 | 839 | 146 |
| Proportion of deaths attributable to tobacco (%) | 23 | 48 | 47 | 39 | 10 | 33 |
| Death rate: Ischaemic heart disease | 3 | 39 | 206 | 612 | 1,509 | 90 |
| Death rate attributable to tobacco | 1 | 17 | 92 | 218 | 280 | 31 |
| Proportion of deaths attributable to tobacco (%) | 23 | 44 | 44 | 36 | 19 | 34 |
| Death rate: Cerebrovascular disease | 7 | 89 | 572 | 2,068 | 5,085 | 278 |
| Death rate attributable to tobacco | 1 | 43 | 271 | 815 | 104 | 89 |
| Proportion of deaths attributable to tobacco (%) | 23 | 49 | 47 | 39 | 2 | 32 |
| Death rate: Other cardiovascular diseases | 3 | 21 | 109 | 482 | 2,014 | 75 |
| Death rate attributable to tobacco | 1 | 10 | 54 | 196 | 455 | 27 |
| Proportion of deaths attributable to tobacco (%) | 26 | 50 | 50 | 41 | 23 | 35 |
| Death rate: Respiratory diseases | 2 | 17 | 135 | 741 | 2,768 | 101 |
| Death rate attributable to tobacco | 0 | 7 | 76 | 500 | 1,909 | 65 |
| Proportion of deaths attributable to tobacco (%) | 17 | 39 | 56 | 67 | 69 | 65 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 4 | 42 | 312 | 1,233 | 41 |
| Death rate attributable to tobacco | 0 | 3 | 37 | 284 | 1,125 | 37 |
| Proportion of deaths attributable to tobacco (%) | 49 | 78 | 88 | 91 | 91 | 90 |
| Death rate: Other respiratory diseases | 1 | 12 | 92 | 429 | 1,534 | 60 |
| Death rate attributable to tobacco | 0 | 3 | 38 | 216 | 784 | 28 |
| Proportion of deaths attributable to tobacco (%) | 10 | 26 | 42 | 50 | 51 | 47 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 238 | 967 | 3,546 | 9,441 | 23,196 | 1,619 | 203 | 777 | 3,288 | 9,996 | 23,752 | 1,593 |
| Death rate attributable to tobacco | 6 | 199 | 1,243 | 3,512 | 6,274 | 475 | 6 | 129 | 963 | 3,332 | 4,877 | 397 |
| Proportion of deaths attributable to tobacco (%) | 2 | 21 | 35 | 37 | 27 | 29 | 3 | 17 | 29 | 33 | 21 | 25 |
| <u>Death rate: Communicable diseases</u> | 89 | 101 | 139 | 524 | 1,950 | 147 | 64 | 48 | 94 | 398 | 1,530 | 104 |
| Death rate attributable to tobacco | 0 | 6 | 31 | 167 | 668 | 23 | 1 | 4 | 16 | 111 | 532 | 18 |
| Proportion of deaths attributable to tobacco (%) | 0 | 6 | 22 | 32 | 34 | 16 | 1 | 7 | 17 | 28 | 35 | 17 |
| <u>Death rate: Tuberculosis</u> | 6 | 21 | 35 | 29 | 31 | 15 | 6 | 10 | 14 | 13 | 10 | 8 |
| Death rate attributable to tobacco | 0 | 4 | 11 | 11 | 12 | 3 | 1 | 2 | 4 | 5 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 19 | 32 | 38 | 38 | 22 | 9 | 16 | 29 | 38 | 38 | 18 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 8 | 48 | 324 | 1,346 | 44 | 2 | 7 | 26 | 190 | 928 | 31 |
| Death rate attributable to tobacco | 0 | 2 | 19 | 154 | 638 | 20 | 0 | 2 | 12 | 103 | 506 | 16 |
| Proportion of deaths attributable to tobacco (%) | 6 | 25 | 40 | 47 | 47 | 45 | 16 | 27 | 44 | 55 | 55 | 50 |
| <u>Death rate: Noncommunicable diseases</u> | 71 | 676 | 2,994 | 8,266 | 20,031 | 1,280 | 56 | 573 | 2,861 | 8,974 | 21,029 | 1,312 |
| Death rate attributable to tobacco | 5 | 193 | 1,212 | 3,345 | 5,606 | 451 | 6 | 125 | 947 | 3,222 | 4,345 | 379 |
| Proportion of deaths attributable to tobacco (%) | 8 | 29 | 40 | 40 | 28 | 35 | 10 | 22 | 33 | 36 | 21 | 29 |
| <u>Death rate: All malignant neoplasms</u> | 22 | 297 | 1,385 | 3,211 | 5,146 | 494 | 30 | 292 | 1,122 | 2,346 | 3,302 | 395 |
| Death rate attributable to tobacco | 2 | 110 | 740 | 1,823 | 2,677 | 251 | 2 | 43 | 304 | 800 | 1,103 | 106 |
| Proportion of deaths attributable to tobacco (%) | 8 | 37 | 53 | 57 | 52 | 51 | 8 | 15 | 27 | 34 | 33 | 27 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 51 | 377 | 995 | 1,393 | 131 | 3 | 30 | 169 | 408 | 596 | 59 |
| Death rate attributable to tobacco | 1 | 44 | 360 | 964 | 1,351 | 124 | 1 | 23 | 152 | 379 | 555 | 52 |
| Proportion of deaths attributable to tobacco (%) | 23 | 86 | 95 | 97 | 97 | 95 | 43 | 77 | 90 | 93 | 93 | 88 |
| <u>Death rate: All other malignant neoplasms</u> | 20 | 246 | 1,008 | 2,216 | 3,753 | 363 | 27 | 262 | 953 | 1,938 | 2,706 | 336 |
| Death rate attributable to tobacco | 1 | 67 | 381 | 859 | 1,326 | 127 | 1 | 20 | 152 | 422 | 548 | 53 |
| Proportion of deaths attributable to tobacco (%) | 7 | 27 | 38 | 39 | 35 | 35 | 4 | 8 | 16 | 22 | 20 | 16 |
| <u>Death rate: All Cardiovascular diseases</u> | 16 | 155 | 807 | 2,645 | 7,391 | 385 | 10 | 142 | 981 | 3,747 | 9,632 | 504 |
| Death rate attributable to tobacco | 3 | 69 | 323 | 776 | 388 | 105 | 3 | 73 | 526 | 1,743 | 1,217 | 190 |
| Proportion of deaths attributable to tobacco (%) | 20 | 44 | 40 | 29 | 5 | 27 | 29 | 51 | 54 | 47 | 13 | 38 |
| <u>Death rate: Ischaemic heart disease</u> | 4 | 52 | 210 | 545 | 1,329 | 88 | 1 | 27 | 203 | 687 | 1,661 | 93 |
| Death rate attributable to tobacco | 1 | 22 | 83 | 166 | 67 | 26 | 0 | 12 | 102 | 277 | 458 | 36 |
| Proportion of deaths attributable to tobacco (%) | 24 | 43 | 40 | 31 | 5 | 30 | 16 | 46 | 50 | 40 | 28 | 39 |
| <u>Death rate: Cerebrovascular disease</u> | 7 | 85 | 509 | 1,746 | 4,541 | 241 | 6 | 93 | 646 | 2,431 | 5,542 | 317 |
| Death rate attributable to tobacco | 1 | 37 | 201 | 488 | 229 | 64 | 2 | 49 | 352 | 1,186 | - | 115 |
| Proportion of deaths attributable to tobacco (%) | 13 | 44 | 39 | 28 | 5 | 26 | 36 | 53 | 55 | 49 | - | 36 |
| <u>Death rate: Other cardiovascular diseases</u> | 4 | 19 | 89 | 353 | 1,521 | 57 | 3 | 22 | 132 | 629 | 2,429 | 95 |
| Death rate attributable to tobacco | 1 | 9 | 39 | 121 | 92 | 16 | 1 | 11 | 72 | 280 | 759 | 38 |
| Proportion of deaths attributable to tobacco (%) | 29 | 48 | 44 | 34 | 6 | 27 | 20 | 51 | 55 | 45 | 31 | 41 |
| <u>Death rate: Respiratory diseases</u> | 2 | 20 | 170 | 888 | 3,217 | 117 | 1 | 13 | 93 | 576 | 2,391 | 84 |
| Death rate attributable to tobacco | 0 | 8 | 95 | 593 | 2,217 | 75 | 0 | 5 | 52 | 394 | 1,650 | 55 |
| Proportion of deaths attributable to tobacco (%) | 13 | 40 | 56 | 67 | 69 | 64 | 22 | 38 | 56 | 68 | 69 | 66 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 6 | 56 | 399 | 1,599 | 51 | 0 | 3 | 26 | 214 | 926 | 30 |
| Death rate attributable to tobacco | 0 | 5 | 50 | 362 | 1,451 | 46 | 0 | 2 | 23 | 196 | 851 | 27 |
| Proportion of deaths attributable to tobacco (%) | 41 | 79 | 88 | 91 | 91 | 90 | 64 | 78 | 88 | 92 | 92 | 91 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 14 | 114 | 489 | 1,618 | 66 | 1 | 10 | 67 | 362 | 1,465 | 54 |
| Death rate attributable to tobacco | 0 | 4 | 46 | 232 | 766 | 29 | 0 | 3 | 30 | 198 | 799 | 28 |
| Proportion of deaths attributable to tobacco (%) | 6 | 25 | 40 | 47 | 47 | 44 | 16 | 27 | 44 | 55 | 55 | 51 |

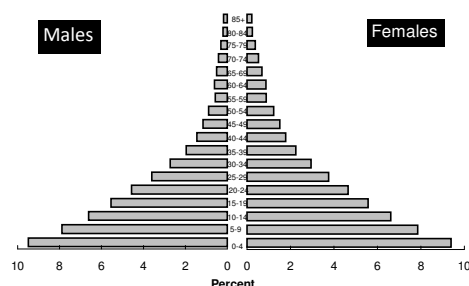
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mali

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,250 | 4,261 | 8,511 |
| 30-44 | 689 | 786 | 1,475 |
| 45-59 | 294 | 407 | 701 |
| 60-69 | 125 | 175 | 301 |
| 70-79 | 81 | 101 | 182 |
| 80+ | 42 | 52 | 94 |
| Total | 5,482 | 5,783 | 11,265 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1771 per 100,000 population) was about 2 times that for communicable diseases (879 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 247 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 9 deaths per 100,000 population but with 51% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (109 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,075 | 1,881 | 4,033 | 8,960 | 20,730 | 2,798 |
| Death rate attributable to tobacco | - | - | 117 | 272 | 528 | 49 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 3 | 3 | 2 |
| Death rate: Communicable diseases | 630 | 772 | 1,130 | 1,760 | 3,042 | 879 |
| Death rate attributable to tobacco | - | - | 18 | 33 | 74 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 2 | 1 |
| Death rate: Tuberculosis | 125 | 157 | 187 | 250 | 234 | 152 |
| Death rate attributable to tobacco | - | - | 4 | 7 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 3 | 4 | 1 |
| Death rate: Lower respiratory infections | 68 | 200 | 475 | 846 | 1,739 | 255 |
| Death rate attributable to tobacco | - | - | 13 | 26 | 65 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 3 | 4 | 2 |
| Death rate: Noncommunicable diseases | 305 | 979 | 2,761 | 6,977 | 17,388 | 1,771 |
| Death rate attributable to tobacco | - | - | 99 | 239 | 454 | 42 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 3 | 3 | 2 |
| Death rate: All malignant neoplasms | 47 | 213 | 564 | 1,258 | 2,283 | 302 |
| Death rate attributable to tobacco | - | - | 30 | 77 | 162 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 6 | 7 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 2 | 21 | 53 | 71 | 9 |
| Death rate attributable to tobacco | - | - | 12 | 29 | 42 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | - | 54 | 54 | 60 | 51 |
| Death rate: All other malignant neoplasms | 46 | 211 | 542 | 1,205 | 2,212 | 293 |
| Death rate attributable to tobacco | - | - | 19 | 49 | 120 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 4 | 5 | 3 |
| Death rate: All Cardiovascular diseases | 101 | 396 | 1,229 | 3,443 | 9,787 | 852 |
| Death rate attributable to tobacco | - | - | 27 | 44 | 21 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 18 | 126 | 440 | 1,073 | 2,502 | 247 |
| Death rate attributable to tobacco | - | - | 11 | 17 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 2 | 0 | 1 |
| Death rate: Cerebrovascular disease | 41 | 150 | 459 | 1,278 | 3,402 | 311 |
| Death rate attributable to tobacco | - | - | 9 | 12 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 42 | 120 | 331 | 1,093 | 3,883 | 294 |
| Death rate attributable to tobacco | - | - | 7 | 14 | 9 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 40 | 107 | 312 | 753 | 1,662 | 189 |
| Death rate attributable to tobacco | - | - | 40 | 113 | 259 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | - | 13 | 15 | 16 | 11 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 40 | 152 | 387 | 771 | 83 |
| Death rate attributable to tobacco | - | - | 36 | 102 | 226 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | - | 24 | 26 | 29 | 22 |
| Death rate: Other respiratory diseases | 32 | 67 | 160 | 366 | 891 | 106 |
| Death rate attributable to tobacco | - | - | 4 | 11 | 33 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 3 | 4 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,195 | 2,293 | 4,696 | 9,832 | 22,949 | 3,126 | 971 | 1,584 | 3,560 | 8,262 | 18,936 | 2,533 |
| Death rate attributable to tobacco | - | - | 280 | 612 | 1,181 | 109 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 6 | 5 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 598 | 977 | 1,470 | 2,143 | 3,682 | 984 | 659 | 625 | 888 | 1,454 | 2,524 | 793 |
| Death rate attributable to tobacco | - | - | 42 | 75 | 166 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 4 | 5 | 2 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 195 | 270 | 296 | 385 | 386 | 243 | 64 | 74 | 108 | 142 | 110 | 79 |
| Death rate attributable to tobacco | - | - | 10 | 15 | 19 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 4 | 5 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 89 | 231 | 634 | 1,039 | 2,098 | 310 | 51 | 177 | 361 | 692 | 1,449 | 211 |
| Death rate attributable to tobacco | - | - | 31 | 59 | 146 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 6 | 7 | 4 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 345 | 1,083 | 3,017 | 7,371 | 18,905 | 1,891 | 271 | 904 | 2,577 | 6,661 | 16,160 | 1,675 |
| Death rate attributable to tobacco | - | - | 238 | 537 | 1,015 | 94 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 8 | 7 | 5 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 41 | 216 | 650 | 1,543 | 3,198 | 352 | 52 | 211 | 502 | 1,029 | 1,542 | 262 |
| Death rate attributable to tobacco | - | - | 73 | 174 | 363 | 31 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 11 | 11 | 11 | 9 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 0 | 6 | 45 | 95 | 137 | 17 | 1 | 0 | 4 | 19 | 18 | 3 |
| Death rate attributable to tobacco | - | - | 28 | 64 | 95 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 62 | 67 | 69 | 60 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 41 | 210 | 605 | 1,448 | 3,061 | 335 | 51 | 211 | 497 | 1,010 | 1,525 | 260 |
| Death rate attributable to tobacco | - | - | 45 | 109 | 268 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 7 | 8 | 9 | 6 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 108 | 424 | 1,253 | 3,285 | 9,659 | 836 | 95 | 376 | 1,212 | 3,570 | 9,891 | 866 |
| Death rate attributable to tobacco | - | - | 64 | 98 | 47 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 3 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 25 | 175 | 545 | 1,302 | 2,880 | 296 | 12 | 91 | 364 | 890 | 2,196 | 207 |
| Death rate attributable to tobacco | - | - | 26 | 37 | 13 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 3 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 42 | 152 | 432 | 1,099 | 3,053 | 281 | 40 | 149 | 478 | 1,421 | 3,685 | 336 |
| Death rate attributable to tobacco | - | - | 21 | 28 | 13 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 3 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 40 | 97 | 276 | 884 | 3,726 | 259 | 43 | 136 | 370 | 1,260 | 4,010 | 322 |
| Death rate attributable to tobacco | - | - | 17 | 32 | 21 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 4 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 45 | 146 | 440 | 1,021 | 2,184 | 247 | 35 | 79 | 220 | 539 | 1,239 | 143 |
| Death rate attributable to tobacco | - | - | 97 | 254 | 580 | 46 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 22 | 25 | 27 | 19 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 11 | 62 | 240 | 574 | 1,128 | 122 | 6 | 25 | 88 | 238 | 483 | 52 |
| Death rate attributable to tobacco | - | - | 87 | 229 | 506 | 41 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 36 | 40 | 45 | 34 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 35 | 84 | 200 | 446 | 1,057 | 125 | 29 | 54 | 132 | 301 | 757 | 91 |
| Death rate attributable to tobacco | - | - | 10 | 26 | 74 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 6 | 7 | 4 | - | - | - | - | - | - |

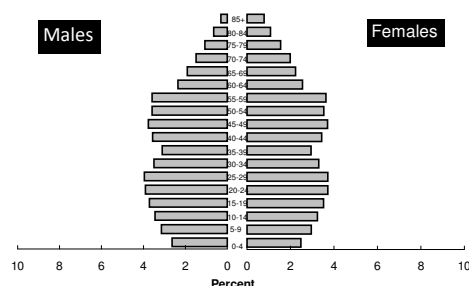
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Malta

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 83 | 79 | 162 |
| 30-44 | 41 | 39 | 79 |
| 45-59 | 44 | 43 | 87 |
| 60-69 | 17 | 19 | 36 |
| 70-79 | 10 | 14 | 24 |
| 80+ | 4 | 7 | 11 |
| Total | 199 | 201 | 400 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1148 per 100,000 population) was about 12 times that for communicable diseases (96 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 11% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 324 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 56 deaths per 100,000 population but with 83% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (292 per 100,000 men aged 30 years and over) compared with women (17 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 1% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 72 | 333 | 1,209 | 3,857 | 12,038 | 1,290 |
| Death rate attributable to tobacco | - | 64 | 272 | 550 | 622 | 150 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 23 | 14 | 5 | 12 |
| Death rate: Communicable diseases | 6 | 10 | 46 | 206 | 1,324 | 96 |
| Death rate attributable to tobacco | - | 1 | 7 | 27 | 136 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 15 | 13 | 10 | 11 |
| Death rate: Tuberculosis | - | - | - | 4 | 6 | 1 |
| Death rate attributable to tobacco | - | - | - | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 2 | 8 | 4 |
| Death rate: Lower respiratory infections | 3 | 5 | 39 | 190 | 1,261 | 88 |
| Death rate attributable to tobacco | - | 1 | 7 | 27 | 134 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 18 | 14 | 11 | 12 |
| Death rate: Noncommunicable diseases | 47 | 299 | 1,136 | 3,567 | 10,319 | 1,148 |
| Death rate attributable to tobacco | - | 63 | 265 | 523 | 487 | 140 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 23 | 15 | 5 | 12 |
| Death rate: All malignant neoplasms | 23 | 144 | 524 | 998 | 1,318 | 304 |
| Death rate attributable to tobacco | - | 30 | 143 | 229 | 200 | 65 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 27 | 23 | 15 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 27 | 118 | 195 | 159 | 56 |
| Death rate attributable to tobacco | - | 20 | 101 | 165 | 135 | 46 |
| Proportion of deaths attributable to tobacco (%) | - | 74 | 86 | 84 | 85 | 83 |
| Death rate: All other malignant neoplasms | 22 | 117 | 406 | 803 | 1,158 | 248 |
| Death rate attributable to tobacco | - | 10 | 41 | 64 | 65 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 8 | 6 | 8 |
| Death rate: All Cardiovascular diseases | 15 | 97 | 405 | 1,726 | 6,371 | 578 |
| Death rate attributable to tobacco | - | 31 | 85 | 152 | 44 | 42 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 21 | 9 | 1 | 7 |
| Death rate: Ischaemic heart disease | 9 | 67 | 279 | 1,019 | 3,191 | 324 |
| Death rate attributable to tobacco | - | 22 | 60 | 92 | 22 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 22 | 9 | 1 | 9 |
| Death rate: Cerebrovascular disease | 2 | 15 | 84 | 450 | 1,728 | 146 |
| Death rate attributable to tobacco | - | 4 | 16 | 35 | 11 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 19 | 8 | 1 | 6 |
| Death rate: Other cardiovascular diseases | 4 | 16 | 43 | 257 | 1,453 | 108 |
| Death rate attributable to tobacco | - | 5 | 9 | 24 | 12 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 21 | 9 | 1 | 6 |
| Death rate: Respiratory diseases | 1 | 4 | 58 | 215 | 527 | 57 |
| Death rate attributable to tobacco | - | 1 | 32 | 132 | 225 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 55 | 61 | 43 | 51 |
| Death rate: Chronic obstructive pulmonary disease | - | 2 | 37 | 165 | 327 | 38 |
| Death rate attributable to tobacco | - | 1 | 28 | 126 | 212 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 64 | 75 | 76 | 65 | 71 |
| Death rate: Other respiratory diseases | 1 | 2 | 21 | 49 | 200 | 19 |
| Death rate attributable to tobacco | - | 0 | 4 | 6 | 14 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 20 | 11 | 7 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-----------|------------|--------------|--------------|---------------|--------------------------------|-----------|------------|------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 90 | 412 | 1,562 | 4,978 | 13,921 | 1,316 | 53 | 253 | 895 | 3,042 | 11,082 | 1,266 |
| Death rate attributable to tobacco | - | 120 | 517 | 1,233 | 1,848 | 292 | - | 8 | 54 | 53 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 33 | 25 | 13 | 22 | - | 3 | 6 | 2 | - | 1 |
| <u>Death rate: Communicable diseases</u> | 8 | 13 | 51 | 225 | 1,717 | 91 | 3 | 7 | 42 | 192 | 1,125 | 100 |
| Death rate attributable to tobacco | - | 2 | 12 | 57 | 403 | 21 | - | 0 | 2 | 5 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 24 | 25 | 23 | 23 | - | 2 | 6 | 3 | - | 1 |
| <u>Death rate: Tuberculosis</u> | - | - | - | - | 9 | 0 | - | - | - | 7 | 5 | 1 |
| Death rate attributable to tobacco | - | - | - | - | 2 | 0 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 18 | 18 | - | - | - | 2 | - | 1 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 7 | 45 | 215 | 1,650 | 84 | 3 | 4 | 34 | 173 | 1,063 | 92 |
| Death rate attributable to tobacco | - | 2 | 12 | 57 | 397 | 20 | - | 0 | 2 | 5 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 27 | 26 | 24 | 24 | - | 3 | 7 | 3 | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 53 | 363 | 1,469 | 4,668 | 11,881 | 1,176 | 42 | 234 | 839 | 2,767 | 9,526 | 1,121 |
| Death rate attributable to tobacco | - | 118 | 505 | 1,176 | 1,445 | 271 | - | 7 | 52 | 48 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 34 | 25 | 12 | 23 | - | 3 | 6 | 2 | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 16 | 151 | 633 | 1,339 | 2,090 | 343 | 30 | 138 | 428 | 750 | 926 | 267 |
| Death rate attributable to tobacco | - | 57 | 280 | 524 | 595 | 129 | - | 3 | 20 | 14 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 38 | 44 | 39 | 28 | 38 | - | 2 | 5 | 2 | - | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 45 | 216 | 412 | 445 | 100 | 1 | 9 | 31 | 38 | 15 | 14 |
| Death rate attributable to tobacco | - | 38 | 198 | 381 | 402 | 91 | - | 2 | 15 | 9 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 84 | 92 | 92 | 90 | 90 | - | 23 | 47 | 22 | - | 30 |
| <u>Death rate: All other malignant neoplasms</u> | 15 | 106 | 417 | 927 | 1,645 | 243 | 29 | 129 | 396 | 712 | 911 | 253 |
| Death rate attributable to tobacco | - | 19 | 82 | 143 | 192 | 38 | - | 1 | 5 | 6 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 20 | 15 | 12 | 16 | - | 1 | 1 | 1 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 24 | 143 | 566 | 2,155 | 6,687 | 556 | 5 | 51 | 262 | 1,414 | 6,211 | 599 |
| Death rate attributable to tobacco | - | 58 | 153 | 323 | 131 | 77 | - | 4 | 25 | 27 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 27 | 15 | 2 | 14 | - | 8 | 10 | 2 | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 14 | 105 | 421 | 1,352 | 3,556 | 343 | 4 | 28 | 152 | 778 | 3,006 | 306 |
| Death rate attributable to tobacco | - | 42 | 112 | 201 | 65 | 52 | - | 2 | 14 | 13 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 40 | 27 | 15 | 2 | 15 | - | 7 | 9 | 2 | - | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 3 | 19 | 100 | 537 | 1,704 | 126 | - | 10 | 69 | 387 | 1,740 | 164 |
| Death rate attributable to tobacco | - | 8 | 26 | 72 | 31 | 14 | - | 1 | 7 | 9 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 26 | 13 | 2 | 11 | - | 9 | 10 | 2 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 7 | 19 | 45 | 267 | 1,427 | 87 | 1 | 13 | 41 | 250 | 1,466 | 129 |
| Death rate attributable to tobacco | - | 9 | 14 | 49 | 34 | 11 | - | 1 | 5 | 5 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 32 | 19 | 2 | 13 | - | 9 | 11 | 2 | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 2 | 6 | 97 | 411 | 980 | 86 | - | 2 | 23 | 72 | 298 | 31 |
| Death rate attributable to tobacco | - | 2 | 63 | 305 | 669 | 59 | - | 0 | 5 | 5 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 45 | 65 | 74 | 68 | 69 | - | 10 | 21 | 7 | - | 5 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 2 | 69 | 370 | 810 | 70 | - | 1 | 9 | 17 | 82 | 9 |
| Death rate attributable to tobacco | - | 2 | 55 | 295 | 629 | 55 | - | 0 | 4 | 4 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 76 | 80 | 80 | 78 | 79 | - | 24 | 42 | 22 | - | 13 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 3 | 29 | 41 | 169 | 15 | - | 1 | 14 | 55 | 216 | 22 |
| Death rate attributable to tobacco | - | 1 | 8 | 11 | 41 | 4 | - | 0 | 1 | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 27 | 26 | 24 | 24 | - | 3 | 7 | 3 | - | 2 |

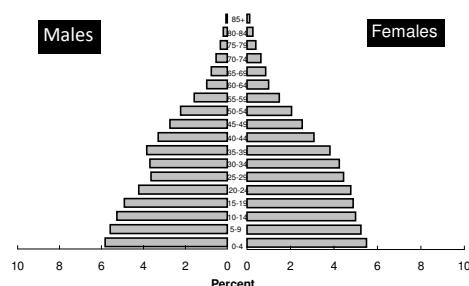
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Marshall Islands

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 16 | 17 | 33 |
| 30-44 | 6 | 6 | 12 |
| 45-59 | 4 | 3 | 7 |
| 60-69 | 1 | 1 | 2 |
| 70-79 | 0 | 1 | 1 |
| 80+ | 0 | 0 | 0 |
| Total | 28 | 28 | 56 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1330 per 100,000 population) was about 4.7 times that for communicable diseases (283 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 244 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 22 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 17% of all lower respiratory infection deaths and 10% of all tuberculosis deaths.

- The death rate due to tobacco in men was (234 per 100,000 men aged 30 years and over) compared with women (202 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 13% for men and 13% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 8 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 10.1% of those whose death was due to a lower respiratory infection, 21.2% of deaths due to the category of 'all cardiovascular diseases combined', and 59.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 565 | 1,442 | 3,466 | 7,477 | 16,834 | 1,677 |
| Death rate attributable to tobacco | 131 | 191 | 324 | 665 | 1,819 | 218 |
| Proportion of deaths attributable to tobacco (%) | 23 | 13 | 9 | 9 | 11 | 13 |
| Death rate: Communicable diseases | 95 | 219 | 522 | 1,411 | 3,226 | 283 |
| Death rate attributable to tobacco | 8 | 4 | 10 | 44 | 206 | 12 |
| Proportion of deaths attributable to tobacco (%) | 8 | 2 | 2 | 3 | 6 | 4 |
| Death rate: Tuberculosis | 6 | 18 | 54 | 93 | 120 | 20 |
| Death rate attributable to tobacco | 2 | 1 | 3 | 6 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 26 | 6 | 6 | 7 | 14 | 10 |
| Death rate: Lower respiratory infections | 17 | 34 | 92 | 384 | 860 | 59 |
| Death rate attributable to tobacco | 6 | 3 | 7 | 37 | 185 | 10 |
| Proportion of deaths attributable to tobacco (%) | 38 | 10 | 8 | 10 | 22 | 17 |
| Death rate: Noncommunicable diseases | 403 | 1,171 | 2,881 | 5,997 | 13,450 | 1,330 |
| Death rate attributable to tobacco | 123 | 186 | 313 | 621 | 1,613 | 206 |
| Proportion of deaths attributable to tobacco (%) | 30 | 16 | 11 | 10 | 12 | 16 |
| Death rate: All malignant neoplasms | 88 | 189 | 347 | 568 | 1,272 | 184 |
| Death rate attributable to tobacco | 15 | 19 | 46 | 100 | 282 | 27 |
| Proportion of deaths attributable to tobacco (%) | 17 | 10 | 13 | 18 | 22 | 15 |
| Death rate: Trachea, bronchus, lung cancers | 7 | 17 | 49 | 104 | 218 | 22 |
| Death rate attributable to tobacco | 5 | 10 | 32 | 73 | 177 | 15 |
| Proportion of deaths attributable to tobacco (%) | 76 | 60 | 66 | 71 | 81 | 70 |
| Death rate: All other malignant neoplasms | 82 | 172 | 298 | 465 | 1,054 | 162 |
| Death rate attributable to tobacco | 10 | 9 | 14 | 27 | 105 | 12 |
| Proportion of deaths attributable to tobacco (%) | 12 | 5 | 5 | 6 | 10 | 8 |
| Death rate: All Cardiovascular diseases | 172 | 612 | 1,604 | 3,381 | 7,599 | 704 |
| Death rate attributable to tobacco | 94 | 130 | 144 | 199 | 336 | 118 |
| Proportion of deaths attributable to tobacco (%) | 55 | 21 | 9 | 6 | 4 | 17 |
| Death rate: Ischaemic heart disease | 68 | 294 | 611 | 806 | 1,559 | 244 |
| Death rate attributable to tobacco | 36 | 51 | 52 | 43 | 75 | 43 |
| Proportion of deaths attributable to tobacco (%) | 53 | 17 | 8 | 5 | 5 | 18 |
| Death rate: Cerebrovascular disease | 59 | 164 | 546 | 1,116 | 2,512 | 223 |
| Death rate attributable to tobacco | 31 | 41 | 48 | 65 | 15 | 37 |
| Proportion of deaths attributable to tobacco (%) | 52 | 25 | 9 | 6 | 1 | 16 |
| Death rate: Other cardiovascular diseases | 45 | 154 | 447 | 1,459 | 3,527 | 236 |
| Death rate attributable to tobacco | 27 | 38 | 44 | 91 | 247 | 39 |
| Proportion of deaths attributable to tobacco (%) | 60 | 25 | 10 | 6 | 7 | 16 |
| Death rate: Respiratory diseases | 24 | 85 | 263 | 620 | 1,356 | 113 |
| Death rate attributable to tobacco | 11 | 34 | 113 | 305 | 905 | 55 |
| Proportion of deaths attributable to tobacco (%) | 48 | 40 | 43 | 49 | 67 | 49 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 63 | 237 | 573 | 1,191 | 90 |
| Death rate attributable to tobacco | 6 | 32 | 111 | 301 | 871 | 51 |
| Proportion of deaths attributable to tobacco (%) | 82 | 50 | 47 | 52 | 73 | 56 |
| Death rate: Other respiratory diseases | 16 | 23 | 27 | 47 | 165 | 23 |
| Death rate attributable to tobacco | 5 | 2 | 2 | 5 | 35 | 4 |
| Proportion of deaths attributable to tobacco (%) | 32 | 10 | 8 | 10 | 21 | 19 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 617 | 1,597 | 3,954 | 8,411 | 18,101 | 1,780 | 514 | 1,275 | 3,008 | 6,699 | 15,993 | 1,575 |
| Death rate attributable to tobacco | 137 | 179 | 445 | 917 | 2,016 | 234 | 125 | 204 | 210 | 454 | 1,688 | 202 |
| Proportion of deaths attributable to tobacco (%) | 22 | 11 | 11 | 11 | 11 | 13 | 24 | 16 | 7 | 7 | 11 | 13 |
| <u>Death rate: Communicable diseases</u> | 102 | 236 | 486 | 1,438 | 3,094 | 274 | 89 | 200 | 557 | 1,388 | 3,314 | 292 |
| Death rate attributable to tobacco | 4 | 4 | 16 | 58 | 199 | 10 | 12 | 5 | 5 | 32 | 211 | 14 |
| Proportion of deaths attributable to tobacco (%) | 4 | 2 | 3 | 4 | 6 | 4 | 14 | 2 | 1 | 2 | 6 | 5 |
| <i>Death rate: Tuberculosis</i> | 6 | 26 | 85 | 139 | 167 | 27 | 6 | 9 | 25 | 55 | 88 | 13 |
| Death rate attributable to tobacco | 1 | 1 | 6 | 11 | 24 | 2 | 2 | 1 | 1 | 2 | 12 | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 5 | 6 | 8 | 14 | 8 | 38 | 8 | 3 | 4 | 13 | 15 |
| <i>Death rate: Lower respiratory infections</i> | 15 | 40 | 117 | 426 | 905 | 61 | 18 | 28 | 69 | 349 | 830 | 58 |
| Death rate attributable to tobacco | 3 | 3 | 11 | 47 | 176 | 8 | 10 | 4 | 4 | 29 | 191 | 12 |
| Proportion of deaths attributable to tobacco (%) | 18 | 7 | 9 | 11 | 19 | 12 | 55 | 15 | 6 | 8 | 23 | 21 |
| <u>Death rate: Noncommunicable diseases</u> | 416 | 1,287 | 3,365 | 6,904 | 14,857 | 1,415 | 390 | 1,046 | 2,428 | 5,243 | 12,517 | 1,247 |
| Death rate attributable to tobacco | 133 | 175 | 429 | 860 | 1,817 | 225 | 113 | 199 | 205 | 422 | 1,477 | 188 |
| Proportion of deaths attributable to tobacco (%) | 32 | 14 | 13 | 12 | 12 | 16 | 29 | 19 | 8 | 8 | 12 | 15 |
| <i>Death rate: All malignant neoplasms</i> | 40 | 120 | 344 | 663 | 1,427 | 137 | 135 | 263 | 349 | 490 | 1,169 | 230 |
| Death rate attributable to tobacco | 9 | 17 | 72 | 178 | 463 | 30 | 22 | 22 | 21 | 35 | 162 | 25 |
| Proportion of deaths attributable to tobacco (%) | 21 | 14 | 21 | 27 | 32 | 22 | 16 | 8 | 6 | 7 | 14 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 17 | 71 | 161 | 347 | 25 | 10 | 18 | 29 | 55 | 132 | 19 |
| Death rate attributable to tobacco | 2 | 10 | 53 | 130 | 305 | 18 | 9 | 11 | 12 | 26 | 92 | 12 |
| Proportion of deaths attributable to tobacco (%) | 51 | 58 | 76 | 81 | 88 | 73 | 84 | 62 | 42 | 46 | 70 | 64 |
| <i>Death rate: All other malignant neoplasms</i> | 37 | 104 | 274 | 501 | 1,079 | 112 | 125 | 245 | 320 | 434 | 1,037 | 211 |
| Death rate attributable to tobacco | 7 | 7 | 19 | 48 | 158 | 12 | 13 | 11 | 9 | 10 | 70 | 13 |
| Proportion of deaths attributable to tobacco (%) | 18 | 7 | 7 | 9 | 15 | 10 | 11 | 4 | 3 | 2 | 7 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 237 | 772 | 1,867 | 3,848 | 8,281 | 809 | 109 | 439 | 1,357 | 2,993 | 7,146 | 600 |
| Death rate attributable to tobacco | 115 | 117 | 175 | 228 | 128 | 126 | 74 | 143 | 115 | 175 | 475 | 111 |
| Proportion of deaths attributable to tobacco (%) | 48 | 15 | 9 | 6 | 2 | 16 | 68 | 33 | 9 | 6 | 7 | 18 |
| <i>Death rate: Ischaemic heart disease</i> | 124 | 460 | 883 | 1,090 | 2,087 | 365 | 13 | 116 | 355 | 569 | 1,210 | 126 |
| Death rate attributable to tobacco | 66 | 66 | 79 | 62 | 29 | 66 | 7 | 34 | 27 | 27 | 105 | 20 |
| Proportion of deaths attributable to tobacco (%) | 53 | 14 | 9 | 6 | 1 | 18 | 56 | 29 | 8 | 5 | 9 | 16 |
| <i>Death rate: Cerebrovascular disease</i> | 73 | 153 | 478 | 1,260 | 2,712 | 218 | 46 | 176 | 610 | 997 | 2,379 | 228 |
| Death rate attributable to tobacco | 25 | 23 | 42 | 63 | 38 | 28 | 36 | 61 | 54 | 66 | - | 46 |
| Proportion of deaths attributable to tobacco (%) | 35 | 15 | 9 | 5 | 1 | 13 | 78 | 35 | 9 | 7 | - | 20 |
| <i>Death rate: Other cardiovascular diseases</i> | 41 | 160 | 506 | 1,498 | 3,483 | 226 | 49 | 147 | 392 | 1,428 | 3,557 | 246 |
| Death rate attributable to tobacco | 24 | 28 | 54 | 103 | 61 | 32 | 30 | 49 | 35 | 82 | 370 | 45 |
| Proportion of deaths attributable to tobacco (%) | 58 | 17 | 11 | 7 | 2 | 14 | 61 | 33 | 9 | 6 | 10 | 18 |
| <i>Death rate: Respiratory diseases</i> | 27 | 110 | 350 | 815 | 1,754 | 138 | 20 | 59 | 182 | 458 | 1,093 | 89 |
| Death rate attributable to tobacco | 9 | 38 | 167 | 434 | 1,144 | 65 | 14 | 29 | 63 | 199 | 747 | 46 |
| Proportion of deaths attributable to tobacco (%) | 32 | 35 | 48 | 53 | 65 | 47 | 69 | 48 | 35 | 43 | 68 | 52 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 7 | 82 | 313 | 744 | 1,517 | 109 | 8 | 42 | 165 | 431 | 975 | 72 |
| Death rate attributable to tobacco | 5 | 37 | 163 | 426 | 1,098 | 61 | 7 | 26 | 62 | 197 | 720 | 41 |
| Proportion of deaths attributable to tobacco (%) | 71 | 45 | 52 | 57 | 72 | 56 | 92 | 62 | 38 | 46 | 74 | 57 |
| <i>Death rate: Other respiratory diseases</i> | 20 | 28 | 37 | 71 | 236 | 29 | 12 | 17 | 18 | 27 | 117 | 17 |
| Death rate attributable to tobacco | 4 | 2 | 3 | 8 | 46 | 4 | 7 | 3 | 1 | 2 | 27 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 7 | 9 | 11 | 19 | 13 | 55 | 15 | 6 | 8 | 23 | 30 |

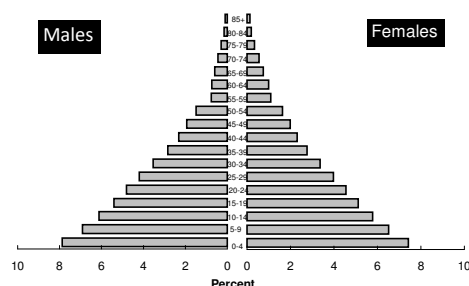
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mauritania

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,018 | 962 | 1,980 |
| 30-44 | 250 | 243 | 493 |
| 45-59 | 121 | 136 | 256 |
| 60-69 | 38 | 50 | 89 |
| 70-79 | 22 | 26 | 47 |
| 80+ | 7 | 10 | 17 |
| Total | 1,456 | 1,426 | 2,882 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1169 per 100,000 population) was about 2.4 times that for communicable diseases (483 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 164 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 42% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (69 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 542 | 1,260 | 3,289 | 7,839 | 19,784 | 1,760 |
| Death rate attributable to tobacco | - | 34 | 91 | 154 | 359 | 33 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 278 | 384 | 769 | 1,530 | 3,504 | 483 |
| Death rate attributable to tobacco | - | 4 | 11 | 18 | 63 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 103 | 116 | 134 | 177 | 140 | 114 |
| Death rate attributable to tobacco | - | 2 | 3 | 3 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 3 | 1 |
| Death rate: Lower respiratory infections | 12 | 89 | 327 | 763 | 2,081 | 143 |
| Death rate attributable to tobacco | - | 2 | 8 | 15 | 59 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 3 | 2 |
| Death rate: Noncommunicable diseases | 174 | 776 | 2,393 | 6,090 | 15,903 | 1,169 |
| Death rate attributable to tobacco | - | 29 | 80 | 136 | 296 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | 2 | 2 |
| Death rate: All malignant neoplasms | 26 | 168 | 491 | 1,107 | 2,106 | 208 |
| Death rate attributable to tobacco | - | 6 | 21 | 35 | 77 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 3 | 4 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 22 | 42 | 60 | 8 |
| Death rate attributable to tobacco | - | 2 | 11 | 18 | 31 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 48 | 43 | 52 | 42 |
| Death rate: All other malignant neoplasms | 25 | 161 | 469 | 1,065 | 2,045 | 200 |
| Death rate attributable to tobacco | - | 4 | 11 | 17 | 45 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 2 |
| Death rate: All Cardiovascular diseases | 57 | 313 | 1,060 | 2,989 | 8,930 | 549 |
| Death rate attributable to tobacco | - | 14 | 22 | 25 | 14 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 11 | 101 | 382 | 935 | 2,254 | 164 |
| Death rate attributable to tobacco | - | 5 | 9 | 9 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 23 | 116 | 387 | 1,087 | 3,066 | 198 |
| Death rate attributable to tobacco | - | 5 | 7 | 7 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 23 | 96 | 290 | 967 | 3,610 | 187 |
| Death rate attributable to tobacco | - | 4 | 6 | 8 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 22 | 87 | 276 | 667 | 1,520 | 127 |
| Death rate attributable to tobacco | - | 8 | 35 | 74 | 197 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 13 | 11 | 13 | 10 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 33 | 136 | 344 | 707 | 57 |
| Death rate attributable to tobacco | - | 7 | 32 | 67 | 175 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 23 | 20 | 25 | 21 |
| Death rate: Other respiratory diseases | 17 | 54 | 140 | 322 | 813 | 71 |
| Death rate attributable to tobacco | - | 1 | 3 | 6 | 23 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 3 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 635 | 1,520 | 3,935 | 8,707 | 22,224 | 1,927 | 447 | 1,028 | 2,797 | 7,109 | 17,932 | 1,603 |
| Death rate attributable to tobacco | - | 71 | 211 | 338 | 832 | 69 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 4 | 4 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 267 | 511 | 1,004 | 1,833 | 4,198 | 542 | 289 | 270 | 590 | 1,274 | 2,976 | 427 |
| Death rate attributable to tobacco | - | 9 | 26 | 40 | 146 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 3 | 2 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 151 | 184 | 204 | 259 | 224 | 171 | 54 | 56 | 82 | 108 | 77 | 61 |
| Death rate attributable to tobacco | - | 5 | 6 | 6 | 8 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 4 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 13 | 106 | 442 | 939 | 2,533 | 164 | 11 | 74 | 239 | 615 | 1,738 | 124 |
| Death rate attributable to tobacco | - | 4 | 19 | 33 | 136 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 4 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 230 | 852 | 2,753 | 6,572 | 17,595 | 1,225 | 117 | 709 | 2,119 | 5,684 | 14,617 | 1,116 |
| Death rate attributable to tobacco | - | 62 | 185 | 298 | 686 | 59 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 5 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 28 | 169 | 594 | 1,377 | 3,011 | 233 | 24 | 166 | 413 | 880 | 1,418 | 184 |
| Death rate attributable to tobacco | - | 14 | 49 | 76 | 177 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 6 | 6 | 6 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 12 | 42 | 70 | 115 | 13 | 0 | 2 | 7 | 18 | 19 | 3 |
| Death rate attributable to tobacco | - | 5 | 24 | 39 | 72 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 59 | 56 | 63 | 51 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 27 | 157 | 552 | 1,307 | 2,897 | 220 | 23 | 164 | 405 | 862 | 1,399 | 181 |
| Death rate attributable to tobacco | - | 8 | 25 | 37 | 105 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 3 | 4 | 4 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 72 | 334 | 1,143 | 2,924 | 8,952 | 527 | 41 | 295 | 996 | 3,043 | 8,913 | 569 |
| Death rate attributable to tobacco | - | 30 | 51 | 54 | 33 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 17 | 136 | 494 | 1,154 | 2,653 | 192 | 5 | 70 | 296 | 751 | 1,951 | 137 |
| Death rate attributable to tobacco | - | 12 | 21 | 20 | 9 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 28 | 118 | 390 | 967 | 2,798 | 177 | 18 | 115 | 385 | 1,189 | 3,269 | 218 |
| Death rate attributable to tobacco | - | 10 | 16 | 15 | 9 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 27 | 79 | 259 | 804 | 3,501 | 158 | 18 | 111 | 315 | 1,104 | 3,693 | 214 |
| Death rate attributable to tobacco | - | 8 | 14 | 18 | 15 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 5 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 30 | 115 | 401 | 912 | 2,039 | 163 | 14 | 62 | 181 | 461 | 1,125 | 94 |
| Death rate attributable to tobacco | - | 17 | 81 | 161 | 458 | 28 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 20 | 18 | 22 | 17 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 7 | 48 | 219 | 513 | 1,057 | 80 | 2 | 19 | 72 | 203 | 440 | 35 |
| Death rate attributable to tobacco | - | 15 | 73 | 147 | 405 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 33 | 29 | 38 | 31 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 23 | 66 | 182 | 399 | 982 | 83 | 12 | 43 | 109 | 258 | 684 | 59 |
| Death rate attributable to tobacco | - | 3 | 8 | 14 | 53 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 4 | 5 | 4 | - | - | - | - | - | - |

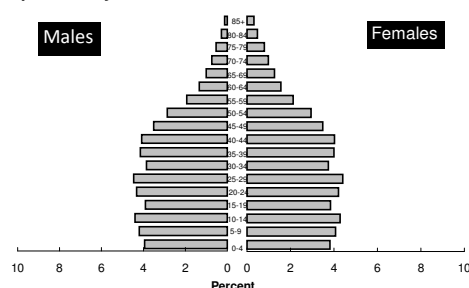
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mauritius

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 311 | 303 | 614 |
| 30-44 | 149 | 145 | 293 |
| 45-59 | 102 | 105 | 208 |
| 60-69 | 29 | 35 | 64 |
| 70-79 | 16 | 22 | 38 |
| 80+ | 5 | 10 | 15 |
| Total | 611 | 619 | 1,231 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1219 per 100,000 population) was about 20.6 times that for communicable diseases (59 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 381 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 21 deaths per 100,000 population but with 64% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (164 per 100,000 men aged 30 years and over) compared with women (42 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 11% for men and 4% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 11 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 6.7% of those whose death was due to a lower respiratory infection, 14.1% of deaths due to the category of 'all cardiovascular diseases combined', and 48.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 241 | 836 | 2,603 | 5,455 | 14,259 | 1,337 |
| Death rate attributable to tobacco | 34 | 75 | 229 | 428 | 450 | 102 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 9 | 8 | 3 | 8 |
| Death rate: Communicable diseases | 14 | 26 | 75 | 215 | 955 | 59 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 15 | 48 | 3 |
| Proportion of deaths attributable to tobacco (%) | 8 | 4 | 6 | 7 | 5 | 6 |
| Death rate: Tuberculosis | 1 | 2 | 1 | 8 | 11 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 11 | 4 | 9 | 8 | 8 | 8 |
| Death rate: Lower respiratory infections | 6 | 13 | 42 | 124 | 646 | 35 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 14 | 46 | 3 |
| Proportion of deaths attributable to tobacco (%) | 16 | 7 | 10 | 12 | 7 | 9 |
| Death rate: Noncommunicable diseases | 175 | 753 | 2,465 | 5,163 | 13,133 | 1,219 |
| Death rate attributable to tobacco | 33 | 74 | 224 | 413 | 402 | 98 |
| Proportion of deaths attributable to tobacco (%) | 19 | 10 | 9 | 8 | 3 | 8 |
| Death rate: All malignant neoplasms | 26 | 117 | 354 | 626 | 998 | 150 |
| Death rate attributable to tobacco | 4 | 12 | 61 | 118 | 109 | 22 |
| Proportion of deaths attributable to tobacco (%) | 14 | 10 | 17 | 19 | 11 | 14 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 14 | 56 | 111 | 107 | 21 |
| Death rate attributable to tobacco | 1 | 7 | 39 | 81 | 66 | 13 |
| Proportion of deaths attributable to tobacco (%) | 46 | 49 | 70 | 73 | 62 | 64 |
| Death rate: All other malignant neoplasms | 23 | 104 | 298 | 515 | 891 | 129 |
| Death rate attributable to tobacco | 2 | 5 | 22 | 37 | 44 | 8 |
| Proportion of deaths attributable to tobacco (%) | 9 | 5 | 7 | 7 | 5 | 6 |
| Death rate: All Cardiovascular diseases | 67 | 404 | 1,518 | 3,493 | 9,352 | 760 |
| Death rate attributable to tobacco | 26 | 57 | 136 | 202 | 82 | 60 |
| Proportion of deaths attributable to tobacco (%) | 39 | 14 | 9 | 6 | 1 | 8 |
| Death rate: Ischaemic heart disease | 29 | 238 | 883 | 1,756 | 3,745 | 381 |
| Death rate attributable to tobacco | 12 | 33 | 75 | 97 | 40 | 31 |
| Proportion of deaths attributable to tobacco (%) | 41 | 14 | 9 | 6 | 1 | 8 |
| Death rate: Cerebrovascular disease | 16 | 104 | 450 | 1,187 | 3,153 | 237 |
| Death rate attributable to tobacco | 5 | 15 | 42 | 69 | 9 | 16 |
| Proportion of deaths attributable to tobacco (%) | 32 | 14 | 9 | 6 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 22 | 61 | 184 | 551 | 2,454 | 142 |
| Death rate attributable to tobacco | 9 | 9 | 18 | 36 | 34 | 12 |
| Proportion of deaths attributable to tobacco (%) | 42 | 15 | 10 | 6 | 1 | 9 |
| Death rate: Respiratory diseases | 15 | 32 | 119 | 362 | 1,141 | 80 |
| Death rate attributable to tobacco | 2 | 3 | 19 | 77 | 191 | 13 |
| Proportion of deaths attributable to tobacco (%) | 16 | 9 | 16 | 21 | 17 | 17 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 18 | 82 | 290 | 15 |
| Death rate attributable to tobacco | 0 | 1 | 9 | 46 | 129 | 7 |
| Proportion of deaths attributable to tobacco (%) | 66 | 38 | 52 | 55 | 44 | 49 |
| Death rate: Other respiratory diseases | 15 | 29 | 100 | 279 | 851 | 65 |
| Death rate attributable to tobacco | 2 | 2 | 10 | 31 | 62 | 6 |
| Proportion of deaths attributable to tobacco (%) | 16 | 7 | 10 | 11 | 7 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 340 | 1,120 | 3,364 | 7,033 | 15,692 | 1,503 | 139 | 559 | 1,972 | 4,324 | 13,516 | 1,180 |
| Death rate attributable to tobacco | 52 | 125 | 440 | 738 | 896 | 164 | 15 | 26 | 54 | 206 | 219 | 42 |
| Proportion of deaths attributable to tobacco (%) | 15 | 11 | 13 | 10 | 6 | 11 | 11 | 5 | 3 | 5 | 2 | 4 |
| <u>Death rate: Communicable diseases</u> | 18 | 37 | 104 | 343 | 1,106 | 68 | 10 | 16 | 51 | 123 | 877 | 51 |
| Death rate attributable to tobacco | 2 | 2 | 9 | 31 | 98 | 5 | 1 | 0 | 1 | 4 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | 9 | 4 | 8 | 9 | 9 | 8 | 6 | 2 | 1 | 3 | 2 | 3 |
| <u>Death rate: Tuberculosis</u> | 2 | 2 | 2 | 14 | 32 | 3 | 0 | 1 | - | 3 | - | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 11 | 6 | 9 | 10 | 8 | 9 | 10 | 2 | | 4 | | 4 |
| <u>Death rate: Lower respiratory infections</u> | 9 | 19 | 65 | 213 | 800 | 42 | 4 | 7 | 23 | 59 | 567 | 28 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 29 | 94 | 5 | 1 | 0 | 1 | 4 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 13 | 14 | 12 | 12 | 17 | 3 | 3 | 7 | 4 | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 235 | 988 | 3,160 | 6,558 | 14,341 | 1,339 | 113 | 524 | 1,888 | 4,163 | 12,507 | 1,105 |
| Death rate attributable to tobacco | 51 | 124 | 431 | 706 | 798 | 159 | 14 | 26 | 53 | 202 | 197 | 41 |
| Proportion of deaths attributable to tobacco (%) | 22 | 12 | 14 | 11 | 6 | 12 | 13 | 5 | 3 | 5 | 2 | 4 |
| <u>Death rate: All malignant neoplasms</u> | 22 | 102 | 411 | 904 | 1,352 | 155 | 30 | 133 | 306 | 427 | 815 | 146 |
| Death rate attributable to tobacco | 5 | 20 | 125 | 239 | 274 | 38 | 2 | 3 | 8 | 32 | 24 | 6 |
| Proportion of deaths attributable to tobacco (%) | 21 | 20 | 30 | 26 | 20 | 25 | 8 | 2 | 3 | 7 | 3 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 18 | 97 | 197 | 212 | 31 | 3 | 9 | 22 | 50 | 52 | 12 |
| Death rate attributable to tobacco | 1 | 11 | 80 | 166 | 170 | 24 | 1 | 2 | 5 | 20 | 12 | 4 |
| Proportion of deaths attributable to tobacco (%) | 46 | 62 | 82 | 84 | 80 | 77 | 46 | 23 | 23 | 41 | 23 | 31 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 83 | 314 | 707 | 1,140 | 124 | 27 | 124 | 284 | 377 | 763 | 134 |
| Death rate attributable to tobacco | 3 | 9 | 45 | 74 | 104 | 15 | 1 | 1 | 3 | 11 | 12 | 2 |
| Proportion of deaths attributable to tobacco (%) | 17 | 11 | 14 | 10 | 9 | 12 | 4 | 1 | 1 | 3 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 95 | 553 | 1,929 | 4,211 | 9,575 | 801 | 38 | 259 | 1,175 | 2,979 | 9,236 | 722 |
| Death rate attributable to tobacco | 43 | 95 | 251 | 296 | 80 | 94 | 10 | 21 | 40 | 134 | 84 | 28 |
| Proportion of deaths attributable to tobacco (%) | 45 | 17 | 13 | 7 | 1 | 12 | 25 | 8 | 3 | 4 | 1 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 44 | 351 | 1,090 | 2,203 | 4,013 | 428 | 12 | 129 | 711 | 1,435 | 3,606 | 337 |
| Death rate attributable to tobacco | 21 | 58 | 139 | 156 | 31 | 52 | 2 | 9 | 23 | 55 | 44 | 12 |
| Proportion of deaths attributable to tobacco (%) | 47 | 17 | 13 | 7 | 1 | 12 | 18 | 7 | 3 | 4 | 1 | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 23 | 132 | 626 | 1,415 | 3,365 | 247 | 10 | 77 | 304 | 1,023 | 3,044 | 228 |
| Death rate attributable to tobacco | 7 | 23 | 79 | 89 | 26 | 24 | 4 | 7 | 11 | 54 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 30 | 17 | 13 | 6 | 1 | 10 | 39 | 9 | 4 | 5 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 28 | 70 | 214 | 593 | 2,197 | 126 | 16 | 52 | 160 | 521 | 2,587 | 158 |
| Death rate attributable to tobacco | 15 | 14 | 32 | 51 | 22 | 18 | 4 | 5 | 6 | 24 | 40 | 7 |
| Proportion of deaths attributable to tobacco (%) | 53 | 20 | 15 | 9 | 1 | 14 | 22 | 9 | 4 | 5 | 2 | 4 |
| <u>Death rate: Respiratory diseases</u> | 19 | 45 | 183 | 578 | 1,566 | 99 | 11 | 20 | 65 | 207 | 921 | 61 |
| Death rate attributable to tobacco | 3 | 5 | 39 | 144 | 403 | 21 | 2 | 1 | 3 | 29 | 81 | 6 |
| Proportion of deaths attributable to tobacco (%) | 15 | 11 | 21 | 25 | 26 | 21 | 18 | 6 | 5 | 14 | 9 | 10 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 3 | 30 | 133 | 458 | 19 | 0 | 2 | 8 | 46 | 203 | 11 |
| Death rate attributable to tobacco | - | 2 | 19 | 84 | 272 | 11 | 0 | 1 | 2 | 19 | 54 | 3 |
| Proportion of deaths attributable to tobacco (%) | | 49 | 62 | 63 | 59 | 60 | 66 | 24 | 20 | 40 | 27 | 30 |
| <u>Death rate: Other respiratory diseases</u> | 19 | 42 | 153 | 445 | 1,108 | 80 | 11 | 17 | 57 | 160 | 718 | 50 |
| Death rate attributable to tobacco | 3 | 3 | 20 | 60 | 131 | 10 | 2 | 1 | 1 | 11 | 27 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 13 | 14 | 12 | 12 | 17 | 3 | 3 | 7 | 4 | 5 |

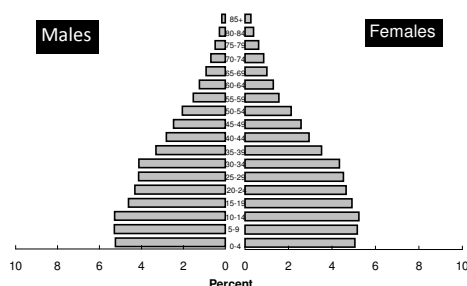
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mexico

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 29,836 | 30,532 | 60,368 |
| 30-44 | 10,583 | 11,186 | 21,770 |
| 45-59 | 6,239 | 6,460 | 12,699 |
| 60-69 | 2,215 | 2,387 | 4,602 |
| 70-79 | 1,216 | 1,538 | 2,754 |
| 80+ | 467 | 679 | 1,146 |
| Total | 50,555 | 52,783 | 103,338 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (841 per 100,000 population) was about 11.8 times that for communicable diseases (71 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 165 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 60% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (82 per 100,000 men aged 30 years and over) compared with women (50 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 6% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 186 | 582 | 1,675 | 3,818 | 11,007 | 984 |
| Death rate attributable to tobacco | - | 13 | 111 | 334 | 1,054 | 65 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 9 | 10 | 7 |
| Death rate: Communicable diseases | 24 | 36 | 83 | 221 | 947 | 71 |
| Death rate attributable to tobacco | - | 0 | 3 | 12 | 86 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 5 | 9 | 5 |
| Death rate: Tuberculosis | 2 | 5 | 11 | 20 | 29 | 6 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 6 | 9 | 4 |
| Death rate: Lower respiratory infections | 3 | 9 | 33 | 111 | 612 | 31 |
| Death rate attributable to tobacco | - | 0 | 2 | 11 | 83 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 10 | 14 | 10 |
| Death rate: Noncommunicable diseases | 107 | 483 | 1,507 | 3,467 | 9,760 | 841 |
| Death rate attributable to tobacco | - | 13 | 108 | 322 | 968 | 62 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 9 | 10 | 7 |
| Death rate: All malignant neoplasms | 25 | 109 | 326 | 677 | 1,227 | 156 |
| Death rate attributable to tobacco | - | 4 | 40 | 101 | 176 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 12 | 15 | 14 | 11 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 45 | 100 | 147 | 18 |
| Death rate attributable to tobacco | - | 2 | 28 | 69 | 106 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 62 | 70 | 72 | 60 |
| Death rate: All other malignant neoplasms | 24 | 99 | 281 | 577 | 1,080 | 138 |
| Death rate attributable to tobacco | - | 1 | 12 | 32 | 70 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 6 | 6 | 4 |
| Death rate: All Cardiovascular diseases | 21 | 120 | 457 | 1,283 | 4,684 | 302 |
| Death rate attributable to tobacco | - | 6 | 34 | 72 | 125 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 6 | 3 | 4 |
| Death rate: Ischaemic heart disease | 10 | 66 | 253 | 690 | 2,575 | 165 |
| Death rate attributable to tobacco | - | 4 | 18 | 36 | 83 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 5 | 3 | 5 |
| Death rate: Cerebrovascular disease | 5 | 28 | 112 | 336 | 1,163 | 75 |
| Death rate attributable to tobacco | - | 1 | 8 | 20 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 6 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 6 | 26 | 92 | 256 | 945 | 62 |
| Death rate attributable to tobacco | - | 1 | 8 | 16 | 38 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 6 | 4 | 5 |
| Death rate: Respiratory diseases | 4 | 18 | 83 | 307 | 1,218 | 68 |
| Death rate attributable to tobacco | - | 2 | 25 | 126 | 616 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 29 | 41 | 51 | 40 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 8 | 54 | 227 | 945 | 48 |
| Death rate attributable to tobacco | - | 1 | 23 | 118 | 579 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 42 | 52 | 61 | 54 |
| Death rate: Other respiratory diseases | 3 | 10 | 30 | 80 | 273 | 20 |
| Death rate attributable to tobacco | - | 0 | 2 | 8 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 10 | 14 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 265 | 720 | 1,951 | 4,438 | 12,173 | 1,096 | 111 | 448 | 1,419 | 3,327 | 10,207 | 880 |
| Death rate attributable to tobacco | - | 26 | 167 | 468 | 1,271 | 82 | - | - | 59 | 228 | 906 | 50 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 9 | 11 | 10 | 7 | - | - | 4 | 7 | 9 | 6 |
| <u>Death rate: Communicable diseases</u> | 33 | 46 | 96 | 258 | 1,056 | 80 | 16 | 27 | 70 | 192 | 872 | 63 |
| Death rate attributable to tobacco | - | 1 | 4 | 16 | 95 | 4 | - | - | 1 | 9 | 80 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 6 | 9 | 5 | - | - | 2 | 5 | 9 | 5 |
| <i>Death rate: Tuberculosis</i> | 3 | 7 | 15 | 29 | 47 | 8 | 1 | 3 | 8 | 12 | 17 | 4 |
| Death rate attributable to tobacco | - | 0 | 1 | 2 | 4 | 0 | - | - | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 7 | 9 | 5 | - | - | 2 | 5 | 8 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 5 | 12 | 41 | 135 | 701 | 34 | 2 | 7 | 25 | 91 | 550 | 29 |
| Death rate attributable to tobacco | - | 0 | 3 | 14 | 90 | 3 | - | - | 1 | 8 | 78 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 10 | 13 | 10 | - | - | 5 | 9 | 14 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 135 | 566 | 1,713 | 3,980 | 10,732 | 898 | 81 | 402 | 1,317 | 3,062 | 9,093 | 788 |
| Death rate attributable to tobacco | - | 26 | 163 | 452 | 1,176 | 78 | - | - | 57 | 219 | 825 | 46 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 11 | 11 | 9 | - | - | 4 | 7 | 9 | 6 |
| <i>Death rate: All malignant neoplasms</i> | 19 | 89 | 342 | 804 | 1,575 | 155 | 32 | 128 | 312 | 576 | 988 | 156 |
| Death rate attributable to tobacco | - | 8 | 69 | 174 | 288 | 26 | - | - | 14 | 44 | 99 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 20 | 22 | 18 | 17 | - | - | 4 | 8 | 10 | 5 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 12 | 66 | 153 | 229 | 25 | 1 | 6 | 26 | 58 | 91 | 12 |
| Death rate attributable to tobacco | - | 5 | 48 | 122 | 187 | 18 | - | - | 9 | 28 | 51 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 74 | 80 | 82 | 71 | - | - | 36 | 48 | 56 | 37 |
| <i>Death rate: All other malignant neoplasms</i> | 18 | 77 | 276 | 651 | 1,346 | 130 | 31 | 121 | 286 | 518 | 897 | 145 |
| Death rate attributable to tobacco | - | 3 | 20 | 52 | 102 | 8 | - | - | 4 | 16 | 48 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 8 | 8 | 6 | - | - | 2 | 3 | 5 | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 29 | 152 | 551 | 1,453 | 4,792 | 313 | 14 | 90 | 369 | 1,148 | 4,609 | 293 |
| Death rate attributable to tobacco | - | 13 | 46 | 78 | 43 | 14 | - | - | 23 | 68 | 181 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 5 | 1 | 5 | - | - | 6 | 6 | 4 | 4 |
| <i>Death rate: Ischaemic heart disease</i> | 16 | 92 | 329 | 834 | 2,734 | 181 | 5 | 40 | 183 | 577 | 2,466 | 149 |
| Death rate attributable to tobacco | - | 7 | 27 | 44 | 24 | 8 | - | - | 11 | 30 | 123 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 5 | 1 | 5 | - | - | 6 | 5 | 5 | 5 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 31 | 124 | 360 | 1,174 | 73 | 4 | 26 | 101 | 317 | 1,156 | 78 |
| Death rate attributable to tobacco | - | 3 | 10 | 17 | 10 | 3 | - | - | 7 | 23 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 5 | 1 | 4 | - | - | 7 | 7 | - | 3 |
| <i>Death rate: Other cardiovascular diseases</i> | 7 | 29 | 99 | 259 | 884 | 58 | 5 | 24 | 85 | 254 | 987 | 66 |
| Death rate attributable to tobacco | - | 3 | 10 | 17 | 9 | 3 | - | - | 6 | 15 | 58 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 6 | 1 | 5 | - | - | 7 | 6 | 6 | 5 |
| <u>Death rate: Respiratory diseases</u> | 5 | 22 | 100 | 391 | 1,538 | 77 | 3 | 14 | 68 | 240 | 998 | 60 |
| Death rate attributable to tobacco | - | 3 | 35 | 174 | 793 | 33 | - | - | 15 | 88 | 494 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 35 | 44 | 52 | 42 | - | - | 22 | 37 | 50 | 38 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 10 | 65 | 294 | 1,221 | 55 | 1 | 6 | 43 | 174 | 755 | 42 |
| Death rate attributable to tobacco | - | 3 | 32 | 164 | 752 | 31 | - | - | 13 | 83 | 460 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 50 | 56 | 62 | 56 | - | - | 31 | 48 | 61 | 51 |
| <i>Death rate: Other respiratory diseases</i> | 4 | 12 | 35 | 97 | 317 | 22 | 2 | 8 | 25 | 67 | 244 | 18 |
| Death rate attributable to tobacco | - | 0 | 3 | 10 | 41 | 2 | - | - | 1 | 6 | 35 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 10 | 13 | 9 | - | - | 5 | 9 | 14 | 9 |

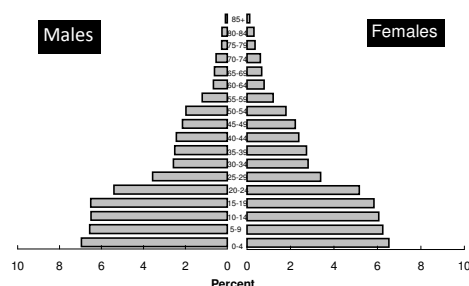
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Micronesia (Federated States of)

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 39 | 36 | 75 |
| 30-44 | 8 | 9 | 17 |
| 45-59 | 6 | 6 | 12 |
| 60-69 | 1 | 2 | 3 |
| 70-79 | 1 | 1 | 2 |
| 80+ | 0 | 0 | 1 |
| Total | 56 | 54 | 109 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1087 per 100,000 population) was about 4.6 times that for communicable diseases (235 per 100,000). Tobacco was responsible for 0% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 185 deaths per 100,000 population aged 30 years and over, with 0% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 4 deaths per 100,000 population but with 1% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 0% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (1 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 0% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 279 | 880 | 2,559 | 5,896 | 14,678 | 1,358 |
| Death rate attributable to tobacco | - | - | - | - | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Communicable diseases | 48 | 134 | 389 | 1,113 | 2,792 | 235 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Tuberculosis | 6 | 26 | 101 | 184 | 188 | 36 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Lower respiratory infections | 9 | 23 | 79 | 320 | 764 | 56 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Noncommunicable diseases | 200 | 716 | 2,126 | 4,729 | 11,750 | 1,087 |
| Death rate attributable to tobacco | - | - | - | - | 23 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: All malignant neoplasms | 45 | 118 | 257 | 448 | 1,112 | 138 |
| Death rate attributable to tobacco | - | - | - | - | 5 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 4 | 11 | 14 | 24 | 4 |
| Death rate attributable to tobacco | - | - | - | - | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 6 | 1 |
| Death rate: All other malignant neoplasms | 44 | 114 | 246 | 434 | 1,088 | 133 |
| Death rate attributable to tobacco | - | - | - | - | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: All Cardiovascular diseases | 84 | 369 | 1,183 | 2,666 | 6,632 | 586 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Ischaemic heart disease | 33 | 175 | 446 | 635 | 1,383 | 185 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Cerebrovascular disease | 29 | 100 | 405 | 880 | 2,191 | 188 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Other cardiovascular diseases | 22 | 95 | 332 | 1,151 | 3,058 | 213 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |
| Death rate: Respiratory diseases | 12 | 51 | 198 | 488 | 1,199 | 98 |
| Death rate attributable to tobacco | - | - | - | - | 18 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 38 | 178 | 451 | 1,053 | 82 |
| Death rate attributable to tobacco | - | - | - | - | 17 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 2 | 1 |
| Death rate: Other respiratory diseases | 8 | 13 | 20 | 37 | 146 | 16 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 299 | 961 | 2,975 | 6,698 | 15,869 | 1,431 | 260 | 797 | 2,198 | 5,246 | 13,769 | 1,288 |
| Death rate attributable to tobacco | - | - | - | - | 57 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 50 | 142 | 367 | 1,145 | 2,712 | 225 | 46 | 125 | 407 | 1,087 | 2,853 | 246 |
| Death rate attributable to tobacco | - | - | - | - | 3 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 8 | 41 | 173 | 291 | 259 | 54 | 4 | 10 | 39 | 97 | 134 | 18 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 8 | 28 | 106 | 367 | 814 | 60 | 9 | 18 | 54 | 282 | 725 | 53 |
| Death rate attributable to tobacco | - | - | - | - | 2 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 202 | 777 | 2,532 | 5,498 | 13,025 | 1,157 | 198 | 653 | 1,774 | 4,105 | 10,777 | 1,020 |
| Death rate attributable to tobacco | - | - | - | - | 54 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 20 | 73 | 260 | 528 | 1,251 | 112 | 69 | 163 | 254 | 383 | 1,006 | 162 |
| Death rate attributable to tobacco | - | - | - | - | 11 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 4 | 15 | 25 | 46 | 5 | 1 | 4 | 9 | 5 | 7 | 3 |
| Death rate attributable to tobacco | - | - | - | - | 4 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 8 | 1 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 19 | 69 | 245 | 503 | 1,205 | 107 | 68 | 160 | 246 | 379 | 999 | 159 |
| Death rate attributable to tobacco | - | - | - | - | 8 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 115 | 462 | 1,404 | 3,064 | 7,260 | 656 | 55 | 275 | 992 | 2,344 | 6,152 | 520 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 60 | 276 | 661 | 869 | 1,829 | 267 | 7 | 72 | 259 | 445 | 1,041 | 107 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 35 | 90 | 358 | 1,003 | 2,377 | 183 | 23 | 110 | 447 | 780 | 2,049 | 192 |
| Death rate attributable to tobacco | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 20 | 96 | 385 | 1,192 | 3,053 | 205 | 24 | 93 | 286 | 1,118 | 3,062 | 221 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 14 | 66 | 272 | 649 | 1,537 | 120 | 11 | 37 | 134 | 358 | 941 | 77 |
| Death rate attributable to tobacco | - | - | - | - | 40 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 50 | 244 | 592 | 1,331 | 100 | 4 | 26 | 121 | 337 | 841 | 66 |
| Death rate attributable to tobacco | - | - | - | - | 40 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 10 | 16 | 28 | 57 | 207 | 20 | 6 | 11 | 13 | 21 | 100 | 12 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | - | - | - |

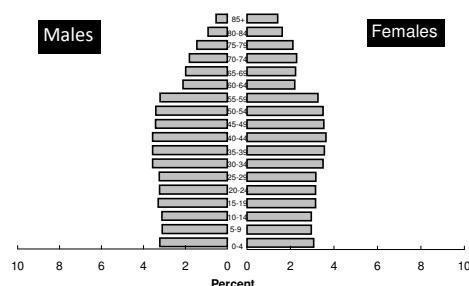
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Monaco

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 6 | 6 | 12 |
| 30-44 | 3 | 3 | 7 |
| 45-59 | 3 | 3 | 7 |
| 60-69 | 1 | 1 | 3 |
| 70-79 | 1 | 1 | 2 |
| 80+ | 0 | 1 | 1 |
| Total | 16 | 17 | 32 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1060 per 100,000 population) was about 13.6 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 131 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 64 deaths per 100,000 population but with 81% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (270 per 100,000 men aged 30 years and over) compared with women (51 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 21% for men and 4% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 25% of those whose death was due to a lower respiratory infection, 48.3% of deaths due to the category of 'all cardiovascular diseases combined', and 83.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|-------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 117 | 349 | 893 | 2,266 | 9,240 | 1,218 |
| Death rate attributable to tobacco | 18 | 95 | 203 | 354 | 646 | 155 |
| Proportion of deaths attributable to tobacco (%) | 16 | 27 | 23 | 16 | 7 | 13 |
| Death rate: Communicable diseases | 12 | 11 | 33 | 108 | 726 | 78 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 11 | 79 | 8 |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 12 | 10 | 11 | 10 |
| Death rate: Tuberculosis | 0 | 0 | 2 | 3 | 10 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 20 | 13 | 10 | 8 | 11 |
| Death rate: Lower respiratory infections | 1 | 4 | 19 | 65 | 580 | 54 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 11 | 78 | 8 |
| Proportion of deaths attributable to tobacco (%) | 21 | 25 | 19 | 17 | 13 | 15 |
| Death rate: Noncommunicable diseases | 67 | 295 | 813 | 2,057 | 8,035 | 1,060 |
| Death rate attributable to tobacco | 18 | 93 | 199 | 343 | 568 | 147 |
| Proportion of deaths attributable to tobacco (%) | 27 | 32 | 25 | 17 | 7 | 14 |
| Death rate: All malignant neoplasms | 29 | 172 | 434 | 802 | 1,551 | 335 |
| Death rate attributable to tobacco | 8 | 61 | 138 | 208 | 229 | 84 |
| Proportion of deaths attributable to tobacco (%) | 27 | 36 | 32 | 26 | 15 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 6 | 42 | 105 | 173 | 172 | 64 |
| Death rate attributable to tobacco | 4 | 35 | 88 | 143 | 131 | 52 |
| Proportion of deaths attributable to tobacco (%) | 73 | 83 | 84 | 83 | 76 | 81 |
| Death rate: All other malignant neoplasms | 23 | 130 | 329 | 629 | 1,379 | 271 |
| Death rate attributable to tobacco | 4 | 26 | 49 | 65 | 98 | 32 |
| Proportion of deaths attributable to tobacco (%) | 16 | 20 | 15 | 10 | 7 | 12 |
| Death rate: All Cardiovascular diseases | 16 | 59 | 214 | 741 | 3,894 | 424 |
| Death rate attributable to tobacco | 9 | 29 | 44 | 73 | 86 | 34 |
| Proportion of deaths attributable to tobacco (%) | 57 | 48 | 21 | 10 | 2 | 8 |
| Death rate: Ischaemic heart disease | 5 | 29 | 96 | 286 | 994 | 131 |
| Death rate attributable to tobacco | 3 | 14 | 20 | 28 | 23 | 13 |
| Proportion of deaths attributable to tobacco (%) | 69 | 48 | 21 | 10 | 2 | 10 |
| Death rate: Cerebrovascular disease | 4 | 11 | 46 | 183 | 1,003 | 106 |
| Death rate attributable to tobacco | 1 | 5 | 9 | 15 | 5 | 6 |
| Proportion of deaths attributable to tobacco (%) | 34 | 45 | 19 | 8 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 7 | 19 | 72 | 272 | 1,897 | 188 |
| Death rate attributable to tobacco | 4 | 10 | 16 | 30 | 59 | 15 |
| Proportion of deaths attributable to tobacco (%) | 62 | 50 | 22 | 11 | 3 | 8 |
| Death rate: Respiratory diseases | 2 | 6 | 31 | 117 | 567 | 62 |
| Death rate attributable to tobacco | 1 | 3 | 16 | 58 | 241 | 28 |
| Proportion of deaths attributable to tobacco (%) | 37 | 49 | 51 | 49 | 42 | 45 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 21 | 79 | 352 | 39 |
| Death rate attributable to tobacco | 0 | 2 | 14 | 52 | 212 | 24 |
| Proportion of deaths attributable to tobacco (%) | 91 | 76 | 68 | 65 | 60 | 62 |
| Death rate: Other respiratory diseases | 2 | 3 | 10 | 38 | 215 | 23 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 6 | 29 | 3 |
| Proportion of deaths attributable to tobacco (%) | 25 | 22 | 18 | 16 | 14 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 162 | 494 | 1,289 | 3,203 | 10,588 | 1,279 | 71 | 208 | 529 | 1,570 | 8,594 | 1,162 |
| Death rate attributable to tobacco | 37 | 173 | 392 | 724 | 1,303 | 270 | - | 18 | 30 | 80 | 332 | 51 |
| Proportion of deaths attributable to tobacco (%) | 23 | 35 | 30 | 23 | 12 | 21 | - | 9 | 6 | 5 | 4 | 4 |
| <u>Death rate: Communicable diseases</u> | 17 | 16 | 48 | 148 | 864 | 77 | 7 | 6 | 20 | 77 | 661 | 78 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 22 | 151 | 12 | - | 0 | 1 | 3 | 44 | 5 |
| Proportion of deaths attributable to tobacco (%) | 4 | 13 | 16 | 15 | 17 | 15 | - | 5 | 3 | 4 | 7 | 6 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 2 | 3 | 9 | 1 | - | 0 | 1 | 3 | 11 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 25 | 18 | 17 | 16 | 20 | - | 6 | 3 | 4 | 4 | 4 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 6 | 30 | 95 | 698 | 51 | 2 | 3 | 10 | 43 | 523 | 57 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 21 | 150 | 12 | - | 0 | 1 | 3 | 43 | 5 |
| Proportion of deaths attributable to tobacco (%) | 47 | 33 | 24 | 22 | 21 | 23 | - | 11 | 6 | 7 | 8 | 8 |
| <u>Death rate: Noncommunicable diseases</u> | 88 | 417 | 1,178 | 2,912 | 9,220 | 1,111 | 46 | 176 | 477 | 1,422 | 7,468 | 1,013 |
| Death rate attributable to tobacco | 36 | 171 | 384 | 702 | 1,151 | 259 | - | 18 | 29 | 77 | 288 | 46 |
| Proportion of deaths attributable to tobacco (%) | 41 | 41 | 33 | 24 | 12 | 23 | - | 10 | 6 | 5 | 4 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 36 | 230 | 624 | 1,200 | 2,356 | 426 | 23 | 115 | 259 | 507 | 1,165 | 254 |
| Death rate attributable to tobacco | 16 | 114 | 270 | 449 | 597 | 161 | - | 10 | 16 | 30 | 52 | 14 |
| Proportion of deaths attributable to tobacco (%) | 45 | 49 | 43 | 37 | 25 | 38 | - | 9 | 6 | 6 | 4 | 6 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 10 | 70 | 188 | 337 | 388 | 110 | 2 | 14 | 28 | 51 | 68 | 22 |
| Death rate attributable to tobacco | 9 | 63 | 171 | 306 | 346 | 99 | - | 8 | 12 | 22 | 28 | 9 |
| Proportion of deaths attributable to tobacco (%) | 84 | 90 | 91 | 91 | 89 | 90 | - | 53 | 42 | 42 | 41 | 43 |
| <u>Death rate: All other malignant neoplasms</u> | 25 | 160 | 435 | 862 | 1,968 | 316 | 21 | 101 | 231 | 456 | 1,097 | 232 |
| Death rate attributable to tobacco | 7 | 51 | 99 | 142 | 251 | 62 | - | 3 | 4 | 8 | 25 | 5 |
| Proportion of deaths attributable to tobacco (%) | 29 | 32 | 23 | 16 | 13 | 20 | - | 3 | 2 | 2 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 22 | 95 | 326 | 1,044 | 4,059 | 400 | 9 | 24 | 110 | 516 | 3,815 | 446 |
| Death rate attributable to tobacco | 18 | 52 | 83 | 137 | 73 | 54 | - | 6 | 9 | 26 | 92 | 15 |
| Proportion of deaths attributable to tobacco (%) | 81 | 54 | 25 | 13 | 2 | 14 | - | 25 | 8 | 5 | 2 | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 8 | 50 | 159 | 469 | 1,285 | 157 | 2 | 8 | 37 | 150 | 855 | 107 |
| Death rate attributable to tobacco | 7 | 26 | 38 | 58 | 20 | 24 | - | 2 | 3 | 6 | 24 | 4 |
| Proportion of deaths attributable to tobacco (%) | 82 | 52 | 24 | 12 | 2 | 15 | - | 22 | 7 | 4 | 3 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 16 | 64 | 221 | 924 | 86 | 4 | 7 | 28 | 154 | 1,040 | 124 |
| Death rate attributable to tobacco | 3 | 8 | 15 | 24 | 15 | 9 | - | 2 | 2 | 9 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 68 | 53 | 24 | 11 | 2 | 11 | - | 27 | 9 | 6 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 10 | 29 | 102 | 354 | 1,849 | 158 | 4 | 10 | 45 | 212 | 1,920 | 216 |
| Death rate attributable to tobacco | 8 | 17 | 29 | 55 | 38 | 21 | - | 3 | 4 | 11 | 68 | 9 |
| Proportion of deaths attributable to tobacco (%) | 85 | 58 | 29 | 15 | 2 | 13 | - | 27 | 9 | 5 | 4 | 4 |
| <u>Death rate: Respiratory diseases</u> | 3 | 8 | 47 | 179 | 799 | 69 | 2 | 5 | 17 | 71 | 456 | 56 |
| Death rate attributable to tobacco | 2 | 5 | 29 | 108 | 456 | 41 | - | 1 | 4 | 20 | 137 | 16 |
| Proportion of deaths attributable to tobacco (%) | 61 | 62 | 62 | 61 | 57 | 59 | - | 26 | 24 | 28 | 30 | 29 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 5 | 33 | 128 | 534 | 47 | - | 2 | 10 | 43 | 265 | 32 |
| Death rate attributable to tobacco | 1 | 4 | 26 | 97 | 400 | 36 | - | 1 | 4 | 18 | 122 | 14 |
| Proportion of deaths attributable to tobacco (%) | 91 | 84 | 78 | 76 | 75 | 76 | - | 53 | 37 | 41 | 46 | 45 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 3 | 14 | 51 | 265 | 22 | 2 | 3 | 7 | 28 | 191 | 24 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 11 | 57 | 5 | - | 0 | 0 | 2 | 16 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 33 | 24 | 22 | 21 | 23 | - | 11 | 6 | 7 | 8 | 8 |

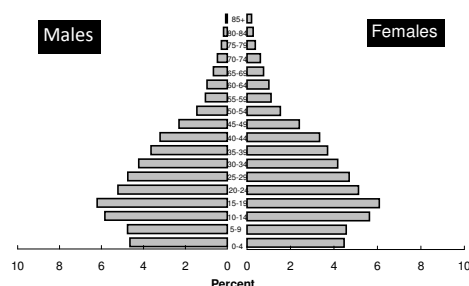
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mongolia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 803 | 782 | 1,585 |
| 30-44 | 283 | 287 | 570 |
| 45-59 | 123 | 129 | 252 |
| 60-69 | 42 | 45 | 87 |
| 70-79 | 19 | 25 | 45 |
| 80+ | 6 | 13 | 19 |
| Total | 1,276 | 1,281 | 2,557 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1264 per 100,000 population) was about 11.5 times that for communicable diseases (110 per 100,000). Tobacco was responsible for 27% of all NCDs compared with 15% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 127 deaths per 100,000 population aged 30 years and over, with 25% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 48 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (475 per 100,000 men aged 30 years and over) compared with women (237 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 27% for men and 18% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.2% of those whose death was due to a lower respiratory infection, 34.3% of deaths due to the category of 'all cardiovascular diseases combined', and 77.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 397 | 1,223 | 3,548 | 7,122 | 16,019 | 1,505 |
| Death rate attributable to tobacco | 48 | 278 | 1,177 | 2,191 | 2,417 | 353 |
| Proportion of deaths attributable to tobacco (%) | 12 | 23 | 33 | 31 | 15 | 23 |
| Death rate: Communicable diseases | 58 | 93 | 221 | 343 | 847 | 110 |
| Death rate attributable to tobacco | 4 | 9 | 48 | 83 | 172 | 16 |
| Proportion of deaths attributable to tobacco (%) | 7 | 10 | 22 | 24 | 20 | 15 |
| Death rate: Tuberculosis | 15 | 50 | 187 | 319 | 481 | 62 |
| Death rate attributable to tobacco | 2 | 7 | 42 | 78 | 111 | 12 |
| Proportion of deaths attributable to tobacco (%) | 13 | 13 | 22 | 24 | 23 | 20 |
| Death rate: Lower respiratory infections | 14 | 20 | 23 | 15 | 176 | 19 |
| Death rate attributable to tobacco | 2 | 3 | 6 | 5 | 50 | 4 |
| Proportion of deaths attributable to tobacco (%) | 14 | 14 | 27 | 34 | 29 | 19 |
| Death rate: Noncommunicable diseases | 206 | 991 | 3,204 | 6,679 | 15,062 | 1,264 |
| Death rate attributable to tobacco | 44 | 268 | 1,129 | 2,108 | 2,246 | 337 |
| Proportion of deaths attributable to tobacco (%) | 21 | 27 | 35 | 32 | 15 | 27 |
| Death rate: All malignant neoplasms | 62 | 370 | 1,326 | 2,271 | 2,788 | 409 |
| Death rate attributable to tobacco | 11 | 98 | 567 | 1,024 | 1,057 | 150 |
| Proportion of deaths attributable to tobacco (%) | 18 | 27 | 43 | 45 | 38 | 37 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 31 | 176 | 348 | 330 | 48 |
| Death rate attributable to tobacco | 2 | 24 | 159 | 317 | 289 | 42 |
| Proportion of deaths attributable to tobacco (%) | 48 | 78 | 90 | 91 | 88 | 87 |
| Death rate: All other malignant neoplasms | 59 | 339 | 1,150 | 1,923 | 2,458 | 361 |
| Death rate attributable to tobacco | 9 | 74 | 408 | 707 | 767 | 109 |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 35 | 37 | 31 | 30 |
| Death rate: All Cardiovascular diseases | 79 | 466 | 1,497 | 3,476 | 9,947 | 654 |
| Death rate attributable to tobacco | 31 | 160 | 502 | 871 | 701 | 158 |
| Proportion of deaths attributable to tobacco (%) | 39 | 34 | 34 | 25 | 7 | 24 |
| Death rate: Ischaemic heart disease | 13 | 83 | 340 | 846 | 1,492 | 127 |
| Death rate attributable to tobacco | 7 | 31 | 108 | 180 | 109 | 32 |
| Proportion of deaths attributable to tobacco (%) | 50 | 37 | 32 | 21 | 7 | 25 |
| Death rate: Cerebrovascular disease | 34 | 245 | 704 | 1,349 | 2,612 | 259 |
| Death rate attributable to tobacco | 11 | 79 | 230 | 347 | 25 | 64 |
| Proportion of deaths attributable to tobacco (%) | 33 | 32 | 33 | 26 | 1 | 25 |
| Death rate: Other cardiovascular diseases | 31 | 138 | 454 | 1,282 | 5,843 | 267 |
| Death rate attributable to tobacco | 13 | 50 | 164 | 344 | 567 | 62 |
| Proportion of deaths attributable to tobacco (%) | 42 | 36 | 36 | 27 | 10 | 23 |
| Death rate: Respiratory diseases | 6 | 23 | 91 | 301 | 863 | 48 |
| Death rate attributable to tobacco | 2 | 10 | 60 | 213 | 472 | 28 |
| Proportion of deaths attributable to tobacco (%) | 34 | 44 | 66 | 71 | 55 | 58 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 13 | 64 | 217 | 418 | 29 |
| Death rate attributable to tobacco | 2 | 8 | 52 | 184 | 337 | 23 |
| Proportion of deaths attributable to tobacco (%) | 66 | 62 | 81 | 85 | 81 | 79 |
| Death rate: Other respiratory diseases | 3 | 10 | 27 | 84 | 445 | 20 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 29 | 135 | 5 |
| Proportion of deaths attributable to tobacco (%) | 12 | 19 | 30 | 35 | 30 | 28 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 531 | 1,558 | 4,611 | 8,523 | 19,849 | 1,737 | 264 | 905 | 2,564 | 6,072 | 14,120 | 1,286 |
| Death rate attributable to tobacco | 83 | 469 | 1,732 | 2,647 | 3,335 | 475 | 15 | 96 | 663 | 1,850 | 1,962 | 237 |
| Proportion of deaths attributable to tobacco (%) | 16 | 30 | 38 | 31 | 17 | 27 | 6 | 11 | 26 | 30 | 14 | 18 |
| <u>Death rate: Communicable diseases</u> | 61 | 106 | 292 | 517 | 1,222 | 127 | 55 | 80 | 156 | 213 | 661 | 94 |
| Death rate attributable to tobacco | 7 | 16 | 74 | 126 | 302 | 24 | 2 | 3 | 24 | 51 | 107 | 9 |
| Proportion of deaths attributable to tobacco (%) | 11 | 15 | 25 | 24 | 25 | 19 | 3 | 4 | 15 | 24 | 16 | 10 |
| <u>Death rate: Tuberculosis</u> | 19 | 64 | 275 | 481 | 1,067 | 86 | 10 | 37 | 106 | 198 | 190 | 40 |
| Death rate attributable to tobacco | 3 | 12 | 70 | 119 | 272 | 20 | 0 | 1 | 15 | 47 | 32 | 5 |
| Proportion of deaths attributable to tobacco (%) | 18 | 19 | 25 | 25 | 26 | 23 | 4 | 4 | 15 | 24 | 17 | 13 |
| <u>Death rate: Lower respiratory infections</u> | 11 | 16 | 12 | 22 | 50 | 13 | 16 | 24 | 34 | 9 | 239 | 25 |
| Death rate attributable to tobacco | 3 | 4 | 4 | 7 | 17 | 4 | 1 | 2 | 8 | 3 | 67 | 4 |
| Proportion of deaths attributable to tobacco (%) | 24 | 25 | 33 | 32 | 33 | 26 | 8 | 7 | 25 | 38 | 28 | 15 |
| <u>Death rate: Noncommunicable diseases</u> | 235 | 1,202 | 4,120 | 7,877 | 18,468 | 1,380 | 177 | 791 | 2,356 | 5,781 | 13,373 | 1,153 |
| Death rate attributable to tobacco | 76 | 453 | 1,658 | 2,521 | 3,033 | 451 | 13 | 93 | 639 | 1,799 | 1,855 | 228 |
| Proportion of deaths attributable to tobacco (%) | 32 | 38 | 40 | 32 | 16 | 33 | 7 | 12 | 27 | 31 | 14 | 20 |
| <u>Death rate: All malignant neoplasms</u> | 66 | 464 | 1,756 | 2,815 | 3,912 | 481 | 58 | 281 | 928 | 1,863 | 2,231 | 342 |
| Death rate attributable to tobacco | 19 | 181 | 931 | 1,520 | 2,025 | 229 | 3 | 19 | 230 | 653 | 576 | 75 |
| Proportion of deaths attributable to tobacco (%) | 29 | 39 | 53 | 54 | 52 | 48 | 4 | 7 | 25 | 35 | 26 | 22 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 51 | 280 | 538 | 673 | 71 | 2 | 12 | 80 | 205 | 160 | 26 |
| Death rate attributable to tobacco | 3 | 44 | 262 | 507 | 630 | 65 | 1 | 5 | 63 | 175 | 120 | 19 |
| Proportion of deaths attributable to tobacco (%) | 60 | 86 | 94 | 94 | 94 | 91 | 26 | 41 | 79 | 85 | 75 | 74 |
| <u>Death rate: All other malignant neoplasms</u> | 62 | 413 | 1,476 | 2,277 | 3,239 | 409 | 56 | 269 | 848 | 1,658 | 2,071 | 316 |
| Death rate attributable to tobacco | 17 | 137 | 668 | 1,013 | 1,395 | 164 | 2 | 15 | 167 | 478 | 456 | 56 |
| Proportion of deaths attributable to tobacco (%) | 27 | 33 | 45 | 44 | 43 | 40 | 4 | 5 | 20 | 29 | 22 | 18 |
| <u>Death rate: All Cardiovascular diseases</u> | 95 | 564 | 1,901 | 3,956 | 11,518 | 684 | 62 | 374 | 1,124 | 3,117 | 9,168 | 626 |
| Death rate attributable to tobacco | 53 | 257 | 642 | 770 | 380 | 191 | 9 | 68 | 372 | 946 | 860 | 127 |
| Proportion of deaths attributable to tobacco (%) | 56 | 46 | 34 | 19 | 3 | 28 | 15 | 18 | 33 | 30 | 9 | 20 |
| <u>Death rate: Ischaemic heart disease</u> | 21 | 133 | 536 | 1,277 | 2,027 | 173 | 5 | 35 | 158 | 523 | 1,226 | 84 |
| Death rate attributable to tobacco | 13 | 58 | 174 | 241 | 58 | 49 | 0 | 5 | 47 | 133 | 135 | 16 |
| Proportion of deaths attributable to tobacco (%) | 61 | 44 | 32 | 19 | 3 | 28 | 8 | 15 | 30 | 25 | 11 | 19 |
| <u>Death rate: Cerebrovascular disease</u> | 38 | 261 | 823 | 1,391 | 2,638 | 254 | 30 | 231 | 593 | 1,317 | 2,599 | 264 |
| Death rate attributable to tobacco | 16 | 116 | 265 | 238 | 75 | 74 | 6 | 44 | 198 | 429 | - | 55 |
| Proportion of deaths attributable to tobacco (%) | 43 | 45 | 32 | 17 | 3 | 29 | 20 | 19 | 33 | 33 | - | 21 |
| <u>Death rate: Other cardiovascular diseases</u> | 36 | 170 | 542 | 1,289 | 6,852 | 257 | 26 | 108 | 373 | 1,276 | 5,342 | 278 |
| Death rate attributable to tobacco | 24 | 83 | 204 | 290 | 247 | 69 | 3 | 19 | 127 | 384 | 725 | 56 |
| Proportion of deaths attributable to tobacco (%) | 66 | 49 | 38 | 23 | 4 | 27 | 10 | 18 | 34 | 30 | 14 | 20 |
| <u>Death rate: Respiratory diseases</u> | 5 | 28 | 121 | 343 | 1,064 | 49 | 7 | 17 | 64 | 271 | 763 | 47 |
| Death rate attributable to tobacco | 3 | 15 | 85 | 231 | 580 | 30 | 1 | 5 | 37 | 199 | 419 | 26 |
| Proportion of deaths attributable to tobacco (%) | 58 | 53 | 70 | 67 | 54 | 62 | 17 | 29 | 58 | 74 | 55 | 55 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 15 | 88 | 233 | 442 | 29 | 2 | 11 | 42 | 205 | 406 | 28 |
| Death rate attributable to tobacco | 2 | 11 | 74 | 196 | 373 | 24 | 1 | 5 | 31 | 174 | 319 | 21 |
| Proportion of deaths attributable to tobacco (%) | 77 | 79 | 84 | 84 | 84 | 83 | 44 | 42 | 76 | 85 | 79 | 76 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 13 | 33 | 109 | 622 | 20 | 5 | 6 | 22 | 66 | 357 | 19 |
| Death rate attributable to tobacco | 0 | 3 | 11 | 35 | 207 | 6 | 0 | 0 | 5 | 25 | 100 | 5 |
| Proportion of deaths attributable to tobacco (%) | 24 | 25 | 33 | 32 | 33 | 31 | 8 | 7 | 25 | 38 | 28 | 24 |

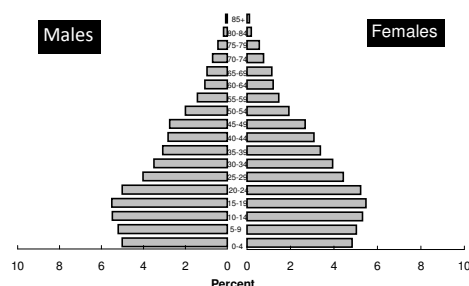
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Morocco

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 9,116 | 9,140 | 18,256 |
| 30-44 | 2,832 | 3,136 | 5,968 |
| 45-59 | 1,865 | 1,828 | 3,693 |
| 60-69 | 612 | 705 | 1,317 |
| 70-79 | 347 | 400 | 747 |
| 80+ | 79 | 92 | 171 |
| Total | 14,851 | 15,300 | 30,152 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (950 per 100,000 population) was about 13.8 times that for communicable diseases (69 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 285 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 20 deaths per 100,000 population but with 75% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (171 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 14% for men and 0% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 8 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 11.4% of those whose death was due to a lower respiratory infection, 19.5% of deaths due to the category of 'all cardiovascular diseases combined', and 71.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 169 | 603 | 2,054 | 5,623 | 15,428 | 1,075 |
| Death rate attributable to tobacco | 20 | 74 | 200 | 324 | 487 | 82 |
| Proportion of deaths attributable to tobacco (%) | 12 | 12 | 10 | 6 | 3 | 8 |
| Death rate: Communicable diseases | 31 | 40 | 99 | 281 | 829 | 69 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 17 | 48 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 7 | 6 | 6 | 5 |
| Death rate: Tuberculosis | 8 | 15 | 44 | 45 | 63 | 17 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 3 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 8 | 6 | 7 | 6 | 6 | 7 |
| Death rate: Lower respiratory infections | 2 | 8 | 34 | 162 | 501 | 25 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 15 | 44 | 2 |
| Proportion of deaths attributable to tobacco (%) | 16 | 11 | 12 | 9 | 9 | 10 |
| Death rate: Noncommunicable diseases | 110 | 512 | 1,854 | 5,169 | 14,292 | 950 |
| Death rate attributable to tobacco | 19 | 72 | 192 | 307 | 439 | 79 |
| Proportion of deaths attributable to tobacco (%) | 17 | 14 | 10 | 6 | 3 | 8 |
| Death rate: All malignant neoplasms | 28 | 85 | 222 | 433 | 742 | 103 |
| Death rate attributable to tobacco | 3 | 18 | 63 | 97 | 141 | 22 |
| Proportion of deaths attributable to tobacco (%) | 12 | 21 | 28 | 22 | 19 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 17 | 58 | 94 | 119 | 20 |
| Death rate attributable to tobacco | 1 | 12 | 46 | 72 | 92 | 15 |
| Proportion of deaths attributable to tobacco (%) | 48 | 72 | 79 | 76 | 77 | 75 |
| Death rate: All other malignant neoplasms | 26 | 69 | 164 | 339 | 623 | 83 |
| Death rate attributable to tobacco | 2 | 6 | 17 | 26 | 49 | 7 |
| Proportion of deaths attributable to tobacco (%) | 9 | 9 | 10 | 8 | 8 | 9 |
| Death rate: All Cardiovascular diseases | 36 | 245 | 1,046 | 3,279 | 10,074 | 561 |
| Death rate attributable to tobacco | 14 | 48 | 94 | 114 | 47 | 40 |
| Proportion of deaths attributable to tobacco (%) | 39 | 20 | 9 | 3 | 0 | 7 |
| Death rate: Ischaemic heart disease | 17 | 146 | 592 | 1,643 | 4,290 | 285 |
| Death rate attributable to tobacco | 7 | 29 | 55 | 59 | 19 | 23 |
| Proportion of deaths attributable to tobacco (%) | 42 | 20 | 9 | 4 | 0 | 8 |
| Death rate: Cerebrovascular disease | 4 | 33 | 175 | 596 | 1,847 | 96 |
| Death rate attributable to tobacco | 1 | 6 | 14 | 18 | 8 | 5 |
| Proportion of deaths attributable to tobacco (%) | 25 | 18 | 8 | 3 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 14 | 65 | 280 | 1,040 | 3,937 | 180 |
| Death rate attributable to tobacco | 6 | 12 | 26 | 38 | 20 | 12 |
| Proportion of deaths attributable to tobacco (%) | 40 | 19 | 9 | 4 | 1 | 7 |
| Death rate: Respiratory diseases | 9 | 24 | 114 | 365 | 1,045 | 62 |
| Death rate attributable to tobacco | 2 | 6 | 33 | 91 | 243 | 15 |
| Proportion of deaths attributable to tobacco (%) | 20 | 23 | 29 | 25 | 23 | 25 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 12 | 70 | 236 | 635 | 36 |
| Death rate attributable to tobacco | 1 | 4 | 28 | 82 | 211 | 13 |
| Proportion of deaths attributable to tobacco (%) | 44 | 38 | 41 | 35 | 33 | 36 |
| Death rate: Other respiratory diseases | 7 | 13 | 44 | 129 | 411 | 26 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 9 | 31 | 2 |
| Proportion of deaths attributable to tobacco (%) | 13 | 9 | 10 | 7 | 8 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 196 | 733 | 2,547 | 6,414 | 16,343 | 1,221 | 145 | 470 | 1,626 | 4,935 | 14,640 | 938 |
| Death rate attributable to tobacco | 42 | 146 | 430 | 697 | 1,052 | 171 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 22 | 20 | 17 | 11 | 6 | 14 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 22 | 46 | 142 | 360 | 980 | 76 | 40 | 34 | 61 | 212 | 700 | 61 |
| Death rate attributable to tobacco | 2 | 4 | 16 | 37 | 104 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 8 | 11 | 10 | 11 | 10 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 8 | 17 | 61 | 64 | 82 | 21 | 8 | 13 | 29 | 29 | 46 | 14 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 6 | 8 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 11 | 11 | 9 | 10 | 12 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 3 | 12 | 55 | 247 | 709 | 36 | 1 | 4 | 16 | 89 | 321 | 14 |
| Death rate attributable to tobacco | 1 | 2 | 9 | 31 | 96 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 23 | 15 | 16 | 13 | 14 | 14 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 139 | 613 | 2,266 | 5,828 | 14,957 | 1,069 | 85 | 409 | 1,495 | 4,597 | 13,718 | 839 |
| Death rate attributable to tobacco | 40 | 142 | 414 | 660 | 948 | 163 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 29 | 23 | 18 | 11 | 6 | 15 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 25 | 91 | 307 | 591 | 1,037 | 125 | 31 | 79 | 149 | 296 | 488 | 83 |
| Death rate attributable to tobacco | 7 | 35 | 136 | 209 | 305 | 46 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 28 | 39 | 44 | 35 | 29 | 37 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 31 | 117 | 185 | 241 | 39 | 1 | 2 | 7 | 15 | 14 | 3 |
| Death rate attributable to tobacco | 2 | 24 | 100 | 154 | 198 | 32 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 58 | 77 | 85 | 83 | 82 | 81 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 61 | 190 | 407 | 796 | 86 | 30 | 77 | 141 | 281 | 474 | 80 |
| Death rate attributable to tobacco | 5 | 12 | 36 | 56 | 107 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 22 | 19 | 19 | 14 | 13 | 17 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 50 | 311 | 1,270 | 3,588 | 10,170 | 619 | 23 | 177 | 852 | 3,011 | 9,991 | 506 |
| Death rate attributable to tobacco | 29 | 95 | 203 | 245 | 102 | 83 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 59 | 30 | 16 | 7 | 1 | 13 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 25 | 199 | 761 | 1,913 | 4,429 | 336 | 10 | 93 | 446 | 1,409 | 4,170 | 237 |
| Death rate attributable to tobacco | 15 | 58 | 117 | 126 | 40 | 47 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 59 | 29 | 15 | 7 | 1 | 14 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 39 | 202 | 644 | 1,863 | 102 | 3 | 28 | 151 | 554 | 1,833 | 91 |
| Death rate attributable to tobacco | 2 | 12 | 31 | 38 | 17 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 41 | 30 | 15 | 6 | 1 | 11 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 18 | 73 | 307 | 1,031 | 3,878 | 182 | 10 | 57 | 255 | 1,048 | 3,988 | 179 |
| Death rate attributable to tobacco | 12 | 24 | 55 | 81 | 44 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 65 | 34 | 18 | 8 | 1 | 14 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 10 | 28 | 149 | 448 | 1,225 | 74 | 7 | 20 | 83 | 292 | 891 | 51 |
| Death rate attributable to tobacco | 4 | 11 | 70 | 197 | 524 | 32 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 34 | 39 | 47 | 44 | 43 | 43 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 13 | 91 | 288 | 725 | 43 | 2 | 10 | 51 | 190 | 557 | 30 |
| Death rate attributable to tobacco | 2 | 9 | 61 | 176 | 457 | 27 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 76 | 67 | 67 | 61 | 63 | 64 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 8 | 15 | 57 | 160 | 500 | 32 | 6 | 10 | 32 | 102 | 334 | 21 |
| Death rate attributable to tobacco | 2 | 2 | 9 | 20 | 68 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 23 | 15 | 16 | 13 | 14 | 15 | - | - | - | - | - | - |

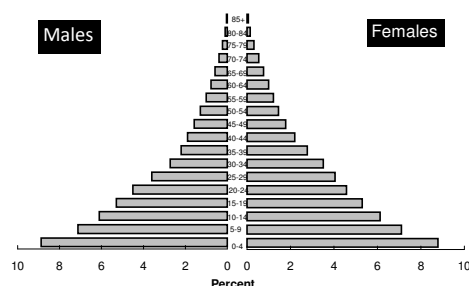
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Mozambique

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|---------------|---------------|
| 0-29 | 7,131 | 7,214 | 14,345 |
| 30-44 | 1,368 | 1,702 | 3,070 |
| 45-59 | 775 | 892 | 1,667 |
| 60-69 | 272 | 355 | 627 |
| 70-79 | 126 | 173 | 299 |
| 80+ | 27 | 43 | 70 |
| Total | 9,699 | 10,379 | 20,078 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1062 per 100,000 population) was about 0.9 times that for communicable diseases (1163 per 100,000). Tobacco was responsible for 0% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 150 deaths per 100,000 population aged 30 years and over, with 0% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 4 deaths per 100,000 population but with 2% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 0% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (1 per 100,000 men aged 30 years and over) compared with women (1 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 0% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,521 | 1,881 | 3,480 | 7,738 | 17,544 | 2,359 |
| Death rate attributable to tobacco | - | - | - | 15 | 38 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Communicable diseases | 1,234 | 967 | 950 | 1,519 | 3,099 | 1,163 |
| Death rate attributable to tobacco | - | - | - | 2 | 5 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Tuberculosis | 104 | 138 | 180 | 205 | 197 | 129 |
| Death rate attributable to tobacco | - | - | - | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Lower respiratory infections | 9 | 82 | 296 | 720 | 1,781 | 121 |
| Death rate attributable to tobacco | - | - | - | 2 | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Noncommunicable diseases | 184 | 778 | 2,343 | 5,943 | 14,043 | 1,062 |
| Death rate attributable to tobacco | - | - | - | 13 | 33 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: All malignant neoplasms | 31 | 169 | 480 | 1,068 | 1,872 | 197 |
| Death rate attributable to tobacco | - | - | - | 2 | 11 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 1 | 0 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 3 | 12 | 29 | 41 | 4 |
| Death rate attributable to tobacco | - | - | - | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 2 | 6 | 2 |
| Death rate: All other malignant neoplasms | 30 | 166 | 468 | 1,038 | 1,831 | 192 |
| Death rate attributable to tobacco | - | - | - | 2 | 8 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: All Cardiovascular diseases | 62 | 315 | 1,038 | 2,936 | 7,875 | 488 |
| Death rate attributable to tobacco | - | - | - | 5 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Ischaemic heart disease | 11 | 106 | 379 | 919 | 1,993 | 150 |
| Death rate attributable to tobacco | - | - | - | 1 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Cerebrovascular disease | 26 | 119 | 388 | 1,098 | 2,820 | 182 |
| Death rate attributable to tobacco | - | - | - | 2 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Other cardiovascular diseases | 26 | 90 | 272 | 919 | 3,063 | 155 |
| Death rate attributable to tobacco | - | - | - | 2 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |
| Death rate: Respiratory diseases | 24 | 86 | 270 | 637 | 1,316 | 117 |
| Death rate attributable to tobacco | - | - | - | 5 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 1 | 2 | 0 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 34 | 132 | 326 | 610 | 51 |
| Death rate attributable to tobacco | - | - | - | 5 | 19 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 1 | 3 | 1 |
| Death rate: Other respiratory diseases | 19 | 53 | 137 | 312 | 706 | 66 |
| Death rate attributable to tobacco | - | - | - | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 0 | 0 | 0 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,519 | 2,281 | 4,075 | 8,495 | 18,757 | 2,540 | 1,522 | 1,533 | 3,024 | 7,190 | 16,793 | 2,213 |
| Death rate attributable to tobacco | - | - | - | - | 100 | 1 | - | - | - | 26 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 1,179 | 1,219 | 1,164 | 1,772 | 3,570 | 1,243 | 1,278 | 748 | 785 | 1,336 | 2,807 | 1,098 |
| Death rate attributable to tobacco | - | - | - | - | 12 | 0 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Tuberculosis</i> | 182 | 236 | 269 | 354 | 372 | 218 | 42 | 53 | 111 | 97 | 89 | 56 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Lower respiratory infections</i> | 7 | 72 | 365 | 830 | 2,035 | 126 | 11 | 91 | 243 | 641 | 1,623 | 116 |
| Death rate attributable to tobacco | - | - | - | - | 11 | 0 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 163 | 847 | 2,640 | 6,361 | 14,747 | 1,087 | 201 | 718 | 2,114 | 5,641 | 13,606 | 1,042 |
| Death rate attributable to tobacco | - | - | - | - | 87 | 1 | - | - | - | 23 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: All malignant neoplasms</i> | 21 | 171 | 569 | 1,334 | 2,642 | 216 | 39 | 168 | 412 | 875 | 1,395 | 181 |
| Death rate attributable to tobacco | - | - | - | - | 28 | 0 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 0 | 4 | 14 | 26 | 49 | 4 | 1 | 2 | 11 | 31 | 36 | 4 |
| Death rate attributable to tobacco | - | - | - | - | 7 | 0 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 14 | 2 | - | - | - | 4 | - | 2 |
| <i>Death rate: All other malignant neoplasms</i> | 20 | 167 | 556 | 1,307 | 2,593 | 211 | 38 | 165 | 400 | 844 | 1,359 | 177 |
| Death rate attributable to tobacco | - | - | - | - | 21 | 0 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: All Cardiovascular diseases</i> | 52 | 333 | 1,096 | 2,824 | 7,373 | 459 | 71 | 299 | 994 | 3,017 | 8,187 | 511 |
| Death rate attributable to tobacco | - | - | - | - | 3 | 0 | - | - | - | 9 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 13 | 142 | 479 | 1,135 | 2,257 | 180 | 9 | 74 | 301 | 762 | 1,829 | 126 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 20 | 119 | 378 | 944 | 2,340 | 157 | 30 | 119 | 395 | 1,210 | 3,117 | 203 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 18 | 73 | 238 | 745 | 2,775 | 122 | 31 | 106 | 298 | 1,046 | 3,241 | 181 |
| Death rate attributable to tobacco | - | - | - | - | 1 | 0 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 0 | 0 | - | - | - | 0 | - | 0 |
| <i>Death rate: Respiratory diseases</i> | 21 | 114 | 385 | 886 | 1,731 | 148 | 26 | 63 | 181 | 457 | 1,060 | 91 |
| Death rate attributable to tobacco | - | - | - | - | 55 | 1 | - | - | - | 9 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 3 | 0 | - | - | - | 2 | - | 1 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 5 | 49 | 210 | 497 | 913 | 74 | 4 | 20 | 72 | 201 | 422 | 33 |
| Death rate attributable to tobacco | - | - | - | - | 51 | 1 | - | - | - | 8 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 6 | 1 | - | - | - | 4 | - | 1 |
| <i>Death rate: Other respiratory diseases</i> | 16 | 65 | 175 | 388 | 818 | 74 | 22 | 43 | 109 | 256 | 637 | 59 |
| Death rate attributable to tobacco | - | - | - | - | 4 | 0 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | 1 | 0 | - | - | - | 0 | - | 0 |

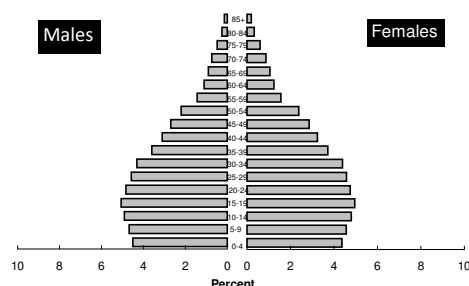
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Myanmar

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 13,594 | 13,314 | 26,908 |
| 30-44 | 5,243 | 5,393 | 10,636 |
| 45-59 | 3,016 | 3,236 | 6,252 |
| 60-69 | 953 | 1,092 | 2,045 |
| 70-79 | 582 | 700 | 1,282 |
| 80+ | 189 | 254 | 443 |
| Total | 23,576 | 23,989 | 47,565 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1206 per 100,000 population) was about 2.3 times that for communicable diseases (520 per 100,000). Tobacco was responsible for 25% of all NCDs compared with 9% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 313 deaths per 100,000 population aged 30 years and over, with 21% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 42 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 23% of all lower respiratory infection deaths and 18% of all tuberculosis deaths.

- The death rate due to tobacco in men was (403 per 100,000 men aged 30 years and over) compared with women (289 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 19% for men and 18% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 23.2% of those whose death was due to a lower respiratory infection, 42.7% of deaths due to the category of 'all cardiovascular diseases combined', and 80.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 566 | 1,253 | 3,193 | 7,579 | 18,287 | 1,849 |
| Death rate attributable to tobacco | 78 | 299 | 782 | 1,336 | 2,465 | 344 |
| Proportion of deaths attributable to tobacco (%) | 14 | 24 | 24 | 18 | 13 | 19 |
| Death rate: Communicable diseases | 284 | 346 | 658 | 1,622 | 4,822 | 520 |
| Death rate attributable to tobacco | 14 | 20 | 77 | 186 | 730 | 48 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 12 | 11 | 15 | 9 |
| Death rate: Tuberculosis | 26 | 42 | 53 | 58 | 46 | 36 |
| Death rate attributable to tobacco | 6 | 7 | 8 | 8 | 7 | 7 |
| Proportion of deaths attributable to tobacco (%) | 22 | 16 | 15 | 14 | 15 | 18 |
| Death rate: Lower respiratory infections | 26 | 57 | 294 | 827 | 2,996 | 175 |
| Death rate attributable to tobacco | 8 | 13 | 66 | 174 | 712 | 41 |
| Proportion of deaths attributable to tobacco (%) | 33 | 23 | 23 | 21 | 24 | 23 |
| Death rate: Noncommunicable diseases | 188 | 795 | 2,403 | 5,705 | 12,903 | 1,206 |
| Death rate attributable to tobacco | 64 | 278 | 705 | 1,150 | 1,735 | 296 |
| Proportion of deaths attributable to tobacco (%) | 34 | 35 | 29 | 20 | 13 | 25 |
| Death rate: All malignant neoplasms | 37 | 156 | 434 | 706 | 1,287 | 181 |
| Death rate attributable to tobacco | 11 | 58 | 191 | 286 | 440 | 69 |
| Proportion of deaths attributable to tobacco (%) | 30 | 37 | 44 | 40 | 34 | 38 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 36 | 118 | 188 | 245 | 42 |
| Death rate attributable to tobacco | 3 | 29 | 101 | 157 | 204 | 35 |
| Proportion of deaths attributable to tobacco (%) | 67 | 81 | 86 | 84 | 83 | 82 |
| Death rate: All other malignant neoplasms | 32 | 121 | 317 | 519 | 1,042 | 139 |
| Death rate attributable to tobacco | 8 | 30 | 90 | 129 | 236 | 35 |
| Proportion of deaths attributable to tobacco (%) | 25 | 24 | 28 | 25 | 23 | 25 |
| Death rate: All Cardiovascular diseases | 77 | 374 | 1,335 | 3,394 | 7,902 | 665 |
| Death rate attributable to tobacco | 45 | 160 | 341 | 460 | 411 | 143 |
| Proportion of deaths attributable to tobacco (%) | 59 | 43 | 26 | 14 | 5 | 21 |
| Death rate: Ischaemic heart disease | 35 | 192 | 675 | 1,573 | 3,359 | 313 |
| Death rate attributable to tobacco | 21 | 79 | 164 | 192 | 200 | 67 |
| Proportion of deaths attributable to tobacco (%) | 59 | 41 | 24 | 12 | 6 | 21 |
| Death rate: Cerebrovascular disease | 14 | 91 | 385 | 1,016 | 2,105 | 181 |
| Death rate attributable to tobacco | 8 | 40 | 100 | 147 | 14 | 35 |
| Proportion of deaths attributable to tobacco (%) | 55 | 44 | 26 | 14 | 1 | 19 |
| Death rate: Other cardiovascular diseases | 28 | 91 | 274 | 805 | 2,438 | 171 |
| Death rate attributable to tobacco | 17 | 41 | 77 | 121 | 197 | 41 |
| Proportion of deaths attributable to tobacco (%) | 59 | 45 | 28 | 15 | 8 | 24 |
| Death rate: Respiratory diseases | 14 | 96 | 268 | 688 | 1,703 | 142 |
| Death rate attributable to tobacco | 7 | 56 | 161 | 381 | 837 | 78 |
| Proportion of deaths attributable to tobacco (%) | 47 | 59 | 60 | 55 | 49 | 55 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 66 | 193 | 461 | 838 | 88 |
| Death rate attributable to tobacco | 3 | 49 | 144 | 334 | 632 | 65 |
| Proportion of deaths attributable to tobacco (%) | 82 | 75 | 75 | 72 | 75 | 75 |
| Death rate: Other respiratory diseases | 10 | 30 | 75 | 228 | 865 | 54 |
| Death rate attributable to tobacco | 3 | 7 | 17 | 47 | 205 | 13 |
| Proportion of deaths attributable to tobacco (%) | 32 | 23 | 22 | 21 | 24 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 724 | 1,579 | 3,829 | 8,496 | 19,535 | 2,087 | 413 | 949 | 2,639 | 6,818 | 17,360 | 1,627 |
| Death rate attributable to tobacco | 121 | 385 | 962 | 1,469 | 2,412 | 403 | 37 | 219 | 625 | 1,225 | 2,505 | 289 |
| Proportion of deaths attributable to tobacco (%) | 17 | 24 | 25 | 17 | 12 | 19 | 9 | 23 | 24 | 18 | 14 | 18 |
| <u>Death rate: Communicable diseases</u> | 342 | 465 | 795 | 1,826 | 5,066 | 598 | 227 | 236 | 538 | 1,452 | 4,641 | 447 |
| Death rate attributable to tobacco | 21 | 29 | 94 | 182 | 650 | 51 | 8 | 13 | 62 | 189 | 790 | 46 |
| Proportion of deaths attributable to tobacco (%) | 6 | 6 | 12 | 10 | 13 | 9 | 4 | 5 | 11 | 13 | 17 | 10 |
| <i>Death rate: Tuberculosis</i> | 29 | 60 | 81 | 88 | 76 | 48 | 23 | 26 | 29 | 33 | 24 | 25 |
| Death rate attributable to tobacco | 8 | 10 | 13 | 12 | 12 | 10 | 4 | 3 | 4 | 5 | 4 | 4 |
| Proportion of deaths attributable to tobacco (%) | 28 | 18 | 16 | 14 | 15 | 20 | 16 | 13 | 13 | 14 | 15 | 15 |
| <i>Death rate: Lower respiratory infections</i> | 35 | 76 | 355 | 885 | 3,001 | 183 | 17 | 39 | 241 | 778 | 2,992 | 168 |
| Death rate attributable to tobacco | 12 | 18 | 78 | 164 | 623 | 41 | 5 | 9 | 56 | 182 | 778 | 41 |
| Proportion of deaths attributable to tobacco (%) | 36 | 24 | 22 | 19 | 21 | 22 | 27 | 23 | 23 | 23 | 26 | 25 |
| <u>Death rate: Noncommunicable diseases</u> | 240 | 963 | 2,871 | 6,386 | 13,822 | 1,324 | 138 | 638 | 1,995 | 5,140 | 12,220 | 1,095 |
| Death rate attributable to tobacco | 100 | 356 | 868 | 1,287 | 1,762 | 351 | 29 | 206 | 564 | 1,035 | 1,715 | 244 |
| Proportion of deaths attributable to tobacco (%) | 42 | 37 | 30 | 20 | 13 | 27 | 21 | 32 | 28 | 20 | 14 | 22 |
| <i>Death rate: All malignant neoplasms</i> | 37 | 153 | 511 | 825 | 1,380 | 189 | 37 | 159 | 368 | 608 | 1,218 | 174 |
| Death rate attributable to tobacco | 17 | 80 | 290 | 435 | 662 | 99 | 6 | 38 | 104 | 162 | 275 | 42 |
| Proportion of deaths attributable to tobacco (%) | 45 | 52 | 57 | 53 | 48 | 52 | 16 | 24 | 28 | 27 | 23 | 24 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 6 | 47 | 168 | 272 | 375 | 56 | 4 | 25 | 74 | 118 | 148 | 28 |
| Death rate attributable to tobacco | 4 | 40 | 150 | 241 | 332 | 49 | 2 | 18 | 58 | 88 | 108 | 21 |
| Proportion of deaths attributable to tobacco (%) | 72 | 85 | 90 | 89 | 89 | 87 | 60 | 73 | 78 | 75 | 73 | 74 |
| <i>Death rate: All other malignant neoplasms</i> | 31 | 106 | 343 | 554 | 1,005 | 132 | 33 | 134 | 293 | 490 | 1,070 | 145 |
| Death rate attributable to tobacco | 12 | 40 | 139 | 195 | 330 | 50 | 4 | 19 | 46 | 74 | 167 | 21 |
| Proportion of deaths attributable to tobacco (%) | 39 | 38 | 41 | 35 | 33 | 37 | 11 | 14 | 16 | 15 | 16 | 15 |
| <i>Death rate: All Cardiovascular diseases</i> | 103 | 481 | 1,561 | 3,654 | 8,204 | 717 | 52 | 275 | 1,137 | 3,178 | 7,678 | 617 |
| Death rate attributable to tobacco | 74 | 203 | 345 | 367 | 134 | 157 | 18 | 119 | 337 | 537 | 617 | 129 |
| Proportion of deaths attributable to tobacco (%) | 72 | 42 | 22 | 10 | 2 | 22 | 34 | 43 | 30 | 17 | 8 | 21 |
| <i>Death rate: Ischaemic heart disease</i> | 50 | 264 | 815 | 1,814 | 3,769 | 361 | 22 | 126 | 554 | 1,373 | 3,055 | 269 |
| Death rate attributable to tobacco | 37 | 109 | 176 | 181 | 57 | 80 | 6 | 51 | 154 | 201 | 307 | 55 |
| Proportion of deaths attributable to tobacco (%) | 74 | 41 | 22 | 10 | 2 | 22 | 28 | 40 | 28 | 15 | 10 | 20 |
| <i>Death rate: Cerebrovascular disease</i> | 19 | 114 | 442 | 1,073 | 2,125 | 189 | 8 | 70 | 336 | 969 | 2,089 | 173 |
| Death rate attributable to tobacco | 11 | 48 | 94 | 96 | 32 | 35 | 4 | 32 | 105 | 189 | - | 35 |
| Proportion of deaths attributable to tobacco (%) | 57 | 42 | 21 | 9 | 2 | 19 | 52 | 47 | 31 | 19 | - | 20 |
| <i>Death rate: Other cardiovascular diseases</i> | 34 | 103 | 305 | 767 | 2,310 | 167 | 22 | 80 | 248 | 836 | 2,534 | 176 |
| Death rate attributable to tobacco | 27 | 47 | 75 | 91 | 44 | 41 | 7 | 36 | 79 | 147 | 311 | 40 |
| Proportion of deaths attributable to tobacco (%) | 77 | 45 | 25 | 12 | 2 | 25 | 33 | 45 | 32 | 18 | 12 | 23 |
| <u>Death rate: Respiratory diseases</u> | 16 | 111 | 362 | 856 | 1,866 | 162 | 12 | 81 | 187 | 550 | 1,582 | 123 |
| Death rate attributable to tobacco | 8 | 67 | 220 | 463 | 913 | 90 | 5 | 46 | 110 | 313 | 781 | 67 |
| Proportion of deaths attributable to tobacco (%) | 51 | 60 | 61 | 54 | 49 | 56 | 42 | 57 | 59 | 57 | 49 | 54 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 5 | 76 | 262 | 578 | 986 | 103 | 4 | 56 | 132 | 363 | 728 | 73 |
| Death rate attributable to tobacco | 4 | 59 | 198 | 412 | 730 | 77 | 3 | 41 | 98 | 269 | 559 | 55 |
| Proportion of deaths attributable to tobacco (%) | 86 | 77 | 75 | 71 | 74 | 74 | 78 | 73 | 74 | 74 | 77 | 75 |
| <i>Death rate: Other respiratory diseases</i> | 11 | 35 | 99 | 278 | 880 | 59 | 9 | 26 | 55 | 186 | 854 | 50 |
| Death rate attributable to tobacco | 4 | 8 | 22 | 51 | 183 | 13 | 2 | 6 | 13 | 44 | 222 | 12 |
| Proportion of deaths attributable to tobacco (%) | 36 | 24 | 22 | 19 | 21 | 22 | 27 | 23 | 23 | 23 | 26 | 25 |

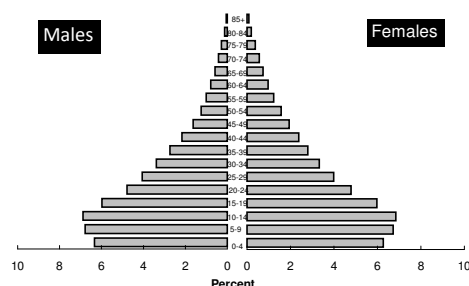
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Namibia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|--------------|--------------|
| 0-29 | 694 | 689 | 1,384 |
| 30-44 | 165 | 170 | 335 |
| 45-59 | 77 | 94 | 172 |
| 60-69 | 27 | 34 | 61 |
| 70-79 | 14 | 19 | 33 |
| 80+ | 4 | 6 | 9 |
| Total | 981 | 1,012 | 1,994 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (702 per 100,000 population) was about 0.5 times that for communicable diseases (1339 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 92 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 13 deaths per 100,000 population but with 62% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (127 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,637 | 1,697 | 2,400 | 5,382 | 14,930 | 2,132 |
| Death rate attributable to tobacco | - | 63 | 170 | 301 | 583 | 60 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 6 | 4 | 3 |
| Death rate: Communicable diseases | 1,530 | 1,144 | 619 | 1,016 | 4,020 | 1,339 |
| Death rate attributable to tobacco | - | 5 | 11 | 31 | 152 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 3 | 4 | 0 |
| Death rate: Tuberculosis | 53 | 89 | 197 | 202 | 165 | 87 |
| Death rate attributable to tobacco | - | 5 | 10 | 10 | 10 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 5 | 5 | 6 | 4 |
| Death rate: Lower respiratory infections | 4 | 4 | 33 | 423 | 2,380 | 65 |
| Death rate attributable to tobacco | - | 0 | 2 | 21 | 140 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 5 | 5 | 6 | 5 |
| Death rate: Noncommunicable diseases | 51 | 477 | 1,635 | 4,104 | 10,247 | 702 |
| Death rate attributable to tobacco | - | 58 | 159 | 270 | 431 | 53 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 10 | 7 | 4 | 8 |
| Death rate: All malignant neoplasms | 8 | 102 | 339 | 756 | 1,396 | 129 |
| Death rate attributable to tobacco | - | 19 | 64 | 111 | 189 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 19 | 15 | 14 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 0 | 14 | 42 | 68 | 93 | 13 |
| Death rate attributable to tobacco | - | 7 | 27 | 46 | 66 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 52 | 64 | 68 | 71 | 62 |
| Death rate: All other malignant neoplasms | 8 | 89 | 297 | 688 | 1,303 | 116 |
| Death rate attributable to tobacco | - | 12 | 37 | 65 | 123 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 12 | 9 | 9 | 11 |
| Death rate: All Cardiovascular diseases | 17 | 193 | 714 | 1,998 | 5,704 | 329 |
| Death rate attributable to tobacco | - | 26 | 43 | 49 | 22 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 6 | 2 | 0 | 4 |
| Death rate: Ischaemic heart disease | 3 | 59 | 242 | 565 | 1,239 | 92 |
| Death rate attributable to tobacco | - | 9 | 16 | 17 | 5 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 7 | 3 | 0 | 6 |
| Death rate: Cerebrovascular disease | 6 | 61 | 227 | 632 | 1,719 | 103 |
| Death rate attributable to tobacco | - | 8 | 12 | 12 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 5 | 2 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 8 | 72 | 245 | 800 | 2,746 | 134 |
| Death rate attributable to tobacco | - | 9 | 14 | 20 | 11 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 6 | 3 | 0 | 4 |
| Death rate: Respiratory diseases | 6 | 55 | 199 | 461 | 984 | 79 |
| Death rate attributable to tobacco | - | 12 | 50 | 104 | 208 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 25 | 23 | 21 | 22 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 22 | 101 | 241 | 462 | 37 |
| Death rate attributable to tobacco | - | 10 | 43 | 91 | 176 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 43 | 38 | 38 | 39 |
| Death rate: Other respiratory diseases | 5 | 33 | 99 | 220 | 522 | 42 |
| Death rate attributable to tobacco | - | 2 | 7 | 13 | 32 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 6 | 6 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,514 | 2,138 | 3,198 | 6,854 | 18,353 | 2,308 | 1,757 | 1,337 | 1,765 | 4,299 | 12,788 | 1,976 |
| Death rate attributable to tobacco | - | 140 | 385 | 709 | 1,515 | 127 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 12 | 10 | 8 | 6 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 1,364 | 1,385 | 777 | 1,285 | 5,105 | 1,356 | 1,691 | 946 | 494 | 818 | 3,341 | 1,324 |
| Death rate attributable to tobacco | - | 12 | 25 | 72 | 395 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 6 | 8 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 88 | 143 | 298 | 354 | 317 | 139 | 19 | 45 | 116 | 90 | 70 | 42 |
| Death rate attributable to tobacco | - | 11 | 21 | 23 | 27 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 7 | 7 | 9 | 5 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 9 | 6 | 38 | 524 | 3,052 | 73 | 0 | 2 | 29 | 350 | 1,959 | 58 |
| Death rate attributable to tobacco | - | 1 | 4 | 49 | 365 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 10 | 9 | 12 | 10 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 61 | 635 | 2,218 | 5,230 | 12,527 | 824 | 42 | 348 | 1,170 | 3,276 | 8,821 | 594 |
| Death rate attributable to tobacco | - | 129 | 359 | 637 | 1,120 | 113 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 16 | 12 | 9 | 14 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 8 | 128 | 478 | 1,096 | 2,206 | 165 | 9 | 81 | 228 | 505 | 890 | 98 |
| Death rate attributable to tobacco | - | 42 | 144 | 261 | 492 | 44 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 30 | 24 | 22 | 27 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 0 | 23 | 77 | 140 | 215 | 23 | 0 | 6 | 13 | 15 | 17 | 4 |
| Death rate attributable to tobacco | - | 16 | 60 | 109 | 172 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 69 | 78 | 78 | 80 | 75 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 8 | 105 | 401 | 956 | 1,992 | 142 | 9 | 75 | 215 | 490 | 873 | 93 |
| Death rate attributable to tobacco | - | 26 | 84 | 153 | 320 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 21 | 16 | 16 | 19 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 20 | 250 | 921 | 2,325 | 6,305 | 356 | 15 | 145 | 550 | 1,756 | 5,329 | 304 |
| Death rate attributable to tobacco | - | 58 | 96 | 116 | 56 | 31 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 10 | 5 | 1 | 9 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 4 | 94 | 364 | 825 | 1,626 | 122 | 1 | 30 | 145 | 375 | 997 | 64 |
| Death rate attributable to tobacco | - | 20 | 36 | 39 | 13 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 10 | 5 | 1 | 9 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 7 | 77 | 283 | 682 | 1,739 | 106 | 6 | 48 | 183 | 596 | 1,706 | 101 |
| Death rate attributable to tobacco | - | 17 | 28 | 29 | 14 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 10 | 4 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 8 | 79 | 274 | 819 | 2,940 | 128 | 8 | 67 | 222 | 786 | 2,625 | 139 |
| Death rate attributable to tobacco | - | 20 | 32 | 48 | 30 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 12 | 6 | 1 | 9 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 8 | 85 | 323 | 727 | 1,463 | 112 | 5 | 30 | 100 | 265 | 684 | 50 |
| Death rate attributable to tobacco | - | 27 | 112 | 245 | 541 | 36 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 35 | 34 | 37 | 33 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 37 | 177 | 409 | 767 | 57 | 1 | 10 | 40 | 117 | 271 | 19 |
| Death rate attributable to tobacco | - | 21 | 97 | 216 | 458 | 31 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 57 | 55 | 53 | 60 | 54 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 6 | 48 | 147 | 318 | 696 | 54 | 4 | 21 | 60 | 148 | 413 | 30 |
| Death rate attributable to tobacco | - | 5 | 15 | 30 | 83 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 10 | 9 | 12 | 10 | - | - | - | - | - | - |

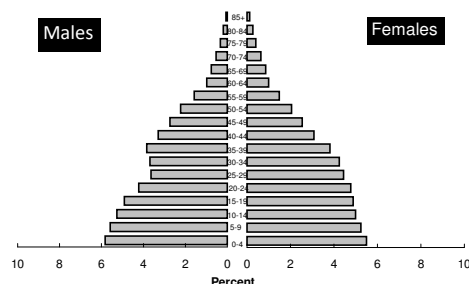
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Nauru

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------|----------|-----------|
| 0-29 | 3 | 3 | 6 |
| 30-44 | 1 | 1 | 2 |
| 45-59 | 1 | 1 | 1 |
| 60-69 | 0 | 0 | 0 |
| 70-79 | 0 | 0 | 0 |
| 80+ | 0 | 0 | 0 |
| Total | 5 | 5 | 10 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1642 per 100,000 population) was about 7 times that for communicable diseases (233 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 292 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 24 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 11% of all lower respiratory infection deaths and 10% of all tuberculosis deaths.

- The death rate due to tobacco in men was (129 per 100,000 men aged 30 years and over) compared with women (277 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 5% for men and 17% for women.

- Among those who died prematurely, almost one in every 18 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 21.3% of those whose death was due to a lower respiratory infection, 9.9% of deaths due to the category of 'all cardiovascular diseases combined', and 73.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 762 | 2,012 | 4,100 | 7,715 | 16,274 | 2,016 |
| Death rate attributable to tobacco | 41 | 192 | 1,058 | 602 | - | 203 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 26 | 8 | - | 10 |
| Death rate: Communicable diseases | 185 | 97 | 335 | 44 | 4,556 | 233 |
| Death rate attributable to tobacco | 3 | 5 | 59 | 1 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 18 | 3 | - | 4 |
| Death rate: Tuberculosis | 3 | 5 | 10 | 11 | 7 | 4 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 11 | 6 | 21 | 5 | - | 10 |
| Death rate: Lower respiratory infections | 11 | 22 | 159 | 8 | 2,682 | 69 |
| Death rate attributable to tobacco | 3 | 5 | 57 | 1 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 26 | 21 | 36 | 9 | - | 11 |
| Death rate: Noncommunicable diseases | 424 | 1,915 | 3,765 | 7,671 | 8,037 | 1,642 |
| Death rate attributable to tobacco | 38 | 187 | 999 | 600 | - | 195 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 27 | 8 | - | 12 |
| Death rate: All malignant neoplasms | 40 | 166 | 858 | 976 | 289 | 199 |
| Death rate attributable to tobacco | 7 | 32 | 211 | 110 | - | 37 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 25 | 11 | - | 19 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 12 | 182 | 58 | 16 | 24 |
| Death rate attributable to tobacco | 1 | 9 | 165 | 42 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 61 | 74 | 91 | 72 | - | 84 |
| Death rate: All other malignant neoplasms | 38 | 153 | 676 | 918 | 273 | 175 |
| Death rate attributable to tobacco | 5 | 22 | 46 | 68 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | 14 | 15 | 7 | 7 | - | 10 |
| Death rate: All Cardiovascular diseases | 137 | 1,305 | 2,102 | 4,406 | 4,187 | 937 |
| Death rate attributable to tobacco | 25 | 129 | 689 | 316 | - | 129 |
| Proportion of deaths attributable to tobacco (%) | 19 | 10 | 33 | 7 | - | 14 |
| Death rate: Ischaemic heart disease | 77 | 376 | 730 | 1,370 | 340 | 292 |
| Death rate attributable to tobacco | 1 | 22 | 224 | 61 | - | 30 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 31 | 4 | - | 10 |
| Death rate: Cerebrovascular disease | 21 | 115 | 352 | 769 | 595 | 124 |
| Death rate attributable to tobacco | 11 | 55 | 85 | 135 | - | 37 |
| Proportion of deaths attributable to tobacco (%) | 53 | 48 | 24 | 18 | - | 30 |
| Death rate: Other cardiovascular diseases | 38 | 814 | 1,020 | 2,268 | 3,252 | 521 |
| Death rate attributable to tobacco | 13 | 53 | 379 | 119 | - | 62 |
| Proportion of deaths attributable to tobacco (%) | 33 | 6 | 37 | 5 | - | 12 |
| Death rate: Respiratory diseases | 53 | 152 | 146 | 773 | 268 | 129 |
| Death rate attributable to tobacco | 5 | 20 | 53 | 147 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 36 | 19 | - | 16 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 15 | 56 | 596 | 120 | 40 |
| Death rate attributable to tobacco | 1 | 11 | 37 | 109 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 78 | 74 | 67 | 18 | - | 31 |
| Death rate: Other respiratory diseases | 52 | 137 | 90 | 176 | 147 | 89 |
| Death rate attributable to tobacco | 4 | 8 | 16 | 37 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 8 | 6 | 18 | 21 | - | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 987 | 2,458 | 4,969 | 9,242 | 18,049 | 2,378 | 542 | 1,533 | 3,291 | 6,436 | 15,091 | 1,659 |
| Death rate attributable to tobacco | - | - | 1,509 | - | - | 129 | 82 | 399 | 637 | 1,106 | - | 277 |
| Proportion of deaths attributable to tobacco (%) | - | - | 30 | - | - | 5 | 15 | 26 | 19 | 17 | - | 17 |
| <u>Death rate: Communicable diseases</u> | 263 | 18 | 644 | 53 | 4,473 | 261 | 108 | 182 | 47 | 37 | 4,612 | 206 |
| Death rate attributable to tobacco | - | - | 120 | - | - | 10 | 6 | 10 | 2 | 2 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 19 | - | - | 4 | 6 | 6 | 3 | 6 | - | 3 |
| <u>Death rate: Tuberculosis</u> | 2 | 5 | 13 | 14 | 8 | 5 | 4 | 4 | 7 | 9 | 6 | 4 |
| Death rate attributable to tobacco | - | - | 4 | - | - | 0 | 1 | 1 | 1 | 1 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 28 | - | - | 7 | 16 | 14 | 10 | 12 | - | 14 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 4 | 324 | 9 | 3,604 | 76 | 19 | 41 | 5 | 6 | 2,067 | 62 |
| Death rate attributable to tobacco | - | - | 116 | - | - | 10 | 5 | 10 | 1 | 1 | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 36 | - | - | 13 | 28 | 23 | 18 | 21 | - | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 524 | 2,440 | 4,325 | 9,189 | 13,577 | 2,009 | 327 | 1,351 | 3,244 | 6,398 | 4,343 | 1,279 |
| Death rate attributable to tobacco | - | - | 1,389 | - | - | 119 | 76 | 388 | 636 | 1,104 | - | 270 |
| Proportion of deaths attributable to tobacco (%) | - | - | 32 | - | - | 6 | 23 | 29 | 20 | 17 | - | 21 |
| <u>Death rate: All malignant neoplasms</u> | - | - | 1,126 | 973 | - | 139 | 79 | 344 | 608 | 979 | 482 | 259 |
| Death rate attributable to tobacco | - | - | 316 | - | - | 27 | 13 | 66 | 113 | 202 | - | 47 |
| Proportion of deaths attributable to tobacco (%) | - | - | 28 | - | - | 20 | 17 | 19 | 19 | 21 | - | 18 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | - | 315 | - | - | 27 | 4 | 26 | 57 | 107 | 26 | 21 |
| Death rate attributable to tobacco | - | - | 298 | - | - | 26 | 2 | 19 | 41 | 77 | - | 15 |
| Proportion of deaths attributable to tobacco (%) | - | - | 95 | - | - | 95 | 61 | 74 | 71 | 72 | - | 70 |
| <u>Death rate: All other malignant neoplasms</u> | - | - | 811 | 973 | - | 111 | 75 | 318 | 551 | 871 | 455 | 238 |
| Death rate attributable to tobacco | - | - | 18 | - | - | 2 | 11 | 47 | 72 | 125 | - | 32 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | - | - | 1 | 14 | 15 | 13 | 14 | - | 14 |
| <u>Death rate: All Cardiovascular diseases</u> | 148 | 1,978 | 2,568 | 5,296 | 6,380 | 1,249 | 126 | 582 | 1,668 | 3,661 | 2,725 | 630 |
| Death rate attributable to tobacco | - | - | 1,005 | - | - | 86 | 50 | 269 | 394 | 580 | - | 172 |
| Proportion of deaths attributable to tobacco (%) | - | - | 39 | - | - | 7 | 40 | 46 | 24 | 16 | - | 27 |
| <u>Death rate: Ischaemic heart disease</u> | 148 | 624 | 1,020 | 1,980 | 96 | 455 | 9 | 109 | 459 | 858 | 502 | 132 |
| Death rate attributable to tobacco | - | - | 360 | - | - | 31 | 3 | 45 | 98 | 113 | - | 29 |
| Proportion of deaths attributable to tobacco (%) | - | - | 35 | - | - | 7 | 29 | 41 | 21 | 13 | - | 22 |
| <u>Death rate: Cerebrovascular disease</u> | - | - | - | - | - | - | 42 | 239 | 679 | 1,413 | 992 | 246 |
| Death rate attributable to tobacco | - | - | - | - | - | - | 23 | 114 | 165 | 249 | - | 74 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | 53 | 48 | 24 | 18 | - | 30 |
| <u>Death rate: Other cardiovascular diseases</u> | - | 1,354 | 1,547 | 3,316 | 6,284 | 794 | 75 | 234 | 530 | 1,389 | 1,230 | 252 |
| Death rate attributable to tobacco | - | - | 645 | - | - | 55 | 25 | 109 | 131 | 219 | - | 69 |
| Proportion of deaths attributable to tobacco (%) | - | - | 42 | - | - | 7 | 33 | 47 | 25 | 16 | - | 27 |
| <u>Death rate: Respiratory diseases</u> | 76 | 195 | - | 973 | - | 146 | 31 | 106 | 281 | 605 | 446 | 113 |
| Death rate attributable to tobacco | - | - | - | - | - | - | 10 | 41 | 103 | 270 | - | 41 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | 32 | 39 | 36 | 45 | - | 36 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | - | 973 | - | 42 | 3 | 32 | 109 | 281 | 201 | 39 |
| Death rate attributable to tobacco | - | - | - | - | - | - | 2 | 24 | 72 | 201 | - | 25 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | 78 | 74 | 67 | 72 | - | 64 |
| <u>Death rate: Other respiratory diseases</u> | 76 | 195 | - | - | - | 104 | 29 | 74 | 173 | 324 | 245 | 74 |
| Death rate attributable to tobacco | - | - | - | - | - | - | 8 | 17 | 30 | 69 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | 28 | 23 | 18 | 21 | - | 21 |

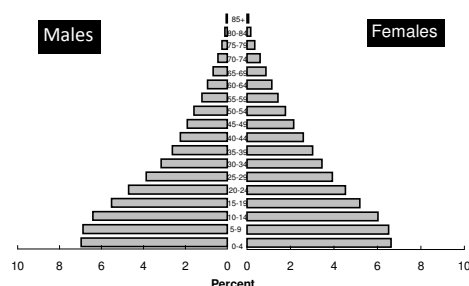
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Nepal

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 9,124 | 8,710 | 17,834 |
| 30-44 | 2,129 | 2,407 | 4,536 |
| 45-59 | 1,249 | 1,420 | 2,669 |
| 60-69 | 430 | 535 | 965 |
| 70-79 | 188 | 254 | 442 |
| 80+ | 43 | 64 | 108 |
| Total | 13,163 | 13,391 | 26,554 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1081 per 100,000 population) was about 2.4 times that for communicable diseases (459 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 278 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 19 deaths per 100,000 population but with 64% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (261 per 100,000 men aged 30 years and over) compared with women (25 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 15% for men and 2% for women.

- Among those who died prematurely, almost one in every 13 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 6.8% of those whose death was due to a lower respiratory infection, 17% of deaths due to the category of 'all cardiovascular diseases combined', and 60.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 583 | 1,389 | 3,358 | 7,507 | 17,148 | 1,693 |
| Death rate attributable to tobacco | 46 | 143 | 342 | 427 | 577 | 134 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 10 | 6 | 3 | 8 |
| Death rate: Communicable diseases | 267 | 342 | 706 | 1,626 | 4,439 | 459 |
| Death rate attributable to tobacco | 7 | 9 | 29 | 46 | 131 | 14 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 4 | 3 | 3 | 3 |
| Death rate: Tuberculosis | 34 | 70 | 108 | 111 | 104 | 58 |
| Death rate attributable to tobacco | 4 | 5 | 9 | 6 | 6 | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 8 | 5 | 6 | 8 |
| Death rate: Lower respiratory infections | 26 | 60 | 268 | 783 | 2,797 | 136 |
| Death rate attributable to tobacco | 4 | 4 | 19 | 38 | 122 | 9 |
| Proportion of deaths attributable to tobacco (%) | 13 | 7 | 7 | 5 | 4 | 6 |
| Death rate: Noncommunicable diseases | 184 | 898 | 2,493 | 5,607 | 12,133 | 1,081 |
| Death rate attributable to tobacco | 38 | 134 | 313 | 381 | 446 | 120 |
| Proportion of deaths attributable to tobacco (%) | 21 | 15 | 13 | 7 | 4 | 11 |
| Death rate: All malignant neoplasms | 39 | 183 | 453 | 689 | 1,231 | 177 |
| Death rate attributable to tobacco | 6 | 30 | 100 | 118 | 153 | 31 |
| Proportion of deaths attributable to tobacco (%) | 15 | 16 | 22 | 17 | 12 | 18 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 18 | 60 | 85 | 106 | 19 |
| Death rate attributable to tobacco | 1 | 11 | 43 | 55 | 65 | 12 |
| Proportion of deaths attributable to tobacco (%) | 43 | 61 | 72 | 64 | 61 | 64 |
| Death rate: All other malignant neoplasms | 36 | 166 | 393 | 604 | 1,125 | 158 |
| Death rate attributable to tobacco | 5 | 19 | 57 | 63 | 88 | 19 |
| Proportion of deaths attributable to tobacco (%) | 13 | 11 | 15 | 10 | 8 | 12 |
| Death rate: All Cardiovascular diseases | 77 | 421 | 1,386 | 3,349 | 7,423 | 584 |
| Death rate attributable to tobacco | 28 | 72 | 117 | 94 | 25 | 55 |
| Proportion of deaths attributable to tobacco (%) | 37 | 17 | 8 | 3 | 0 | 9 |
| Death rate: Ischaemic heart disease | 35 | 214 | 699 | 1,545 | 3,131 | 278 |
| Death rate attributable to tobacco | 13 | 37 | 58 | 45 | 11 | 27 |
| Proportion of deaths attributable to tobacco (%) | 39 | 17 | 8 | 3 | 0 | 10 |
| Death rate: Cerebrovascular disease | 11 | 91 | 365 | 926 | 1,822 | 144 |
| Death rate attributable to tobacco | 3 | 15 | 29 | 23 | 5 | 11 |
| Proportion of deaths attributable to tobacco (%) | 31 | 17 | 8 | 3 | 0 | 8 |
| Death rate: Other cardiovascular diseases | 31 | 116 | 322 | 879 | 2,471 | 162 |
| Death rate attributable to tobacco | 11 | 19 | 29 | 26 | 9 | 16 |
| Proportion of deaths attributable to tobacco (%) | 37 | 17 | 9 | 3 | 0 | 10 |
| Death rate: Respiratory diseases | 14 | 111 | 273 | 670 | 1,589 | 125 |
| Death rate attributable to tobacco | 4 | 31 | 92 | 164 | 257 | 33 |
| Proportion of deaths attributable to tobacco (%) | 26 | 28 | 34 | 24 | 16 | 26 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 77 | 196 | 450 | 793 | 80 |
| Death rate attributable to tobacco | 2 | 28 | 85 | 151 | 220 | 30 |
| Proportion of deaths attributable to tobacco (%) | 56 | 37 | 43 | 34 | 28 | 37 |
| Death rate: Other respiratory diseases | 10 | 34 | 77 | 221 | 796 | 45 |
| Death rate attributable to tobacco | 1 | 3 | 7 | 13 | 37 | 3 |
| Proportion of deaths attributable to tobacco (%) | 14 | 8 | 9 | 6 | 5 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 604 | 1,481 | 3,739 | 8,157 | 18,200 | 1,750 | 565 | 1,307 | 3,053 | 7,024 | 16,439 | 1,643 |
| Death rate attributable to tobacco | 85 | 277 | 686 | 902 | 1,433 | 261 | 11 | 26 | 65 | 74 | - | 25 |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 18 | 11 | 8 | 15 | 2 | 2 | 2 | 1 | - | 2 |
| <u>Death rate: Communicable diseases</u> | 183 | 329 | 755 | 1,735 | 4,532 | 408 | 341 | 354 | 666 | 1,544 | 4,376 | 503 |
| Death rate attributable to tobacco | 13 | 19 | 58 | 96 | 325 | 27 | 2 | 1 | 5 | 8 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 7 | 6 | 8 | 6 | 7 | 7 | 1 | 0 | 1 | 1 | - | 1 |
| <i>Death rate: Tuberculosis</i> | 43 | 104 | 178 | 184 | 188 | 84 | 26 | 41 | 52 | 56 | 48 | 35 |
| Death rate attributable to tobacco | 7 | 11 | 19 | 14 | 15 | 10 | 1 | 0 | 0 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 16 | 10 | 11 | 8 | 8 | 12 | 3 | 1 | 1 | 1 | - | 2 |
| <i>Death rate: Lower respiratory infections</i> | 27 | 53 | 248 | 745 | 2,692 | 121 | 26 | 66 | 284 | 810 | 2,868 | 150 |
| Death rate attributable to tobacco | 6 | 8 | 37 | 79 | 304 | 16 | 2 | 1 | 5 | 8 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 22 | 15 | 15 | 11 | 11 | 14 | 6 | 1 | 2 | 1 | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 215 | 958 | 2,779 | 6,109 | 13,002 | 1,130 | 156 | 844 | 2,262 | 5,235 | 11,549 | 1,038 |
| Death rate attributable to tobacco | 72 | 258 | 628 | 807 | 1,108 | 234 | 9 | 24 | 60 | 65 | - | 22 |
| Proportion of deaths attributable to tobacco (%) | 33 | 27 | 23 | 13 | 9 | 21 | 6 | 3 | 3 | 1 | - | 2 |
| <i>Death rate: All malignant neoplasms</i> | 35 | 154 | 495 | 792 | 1,318 | 170 | 43 | 210 | 420 | 612 | 1,172 | 183 |
| Death rate attributable to tobacco | 10 | 59 | 212 | 264 | 381 | 63 | 2 | 3 | 10 | 9 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 39 | 43 | 33 | 29 | 37 | 4 | 2 | 2 | 2 | - | 2 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 29 | 110 | 156 | 204 | 32 | 2 | 8 | 20 | 33 | 40 | 8 |
| Death rate attributable to tobacco | 2 | 22 | 93 | 125 | 162 | 25 | 0 | 1 | 3 | 3 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 57 | 76 | 84 | 80 | 79 | 79 | 20 | 11 | 16 | 9 | - | 12 |
| <i>Death rate: All other malignant neoplasms</i> | 31 | 125 | 384 | 636 | 1,114 | 137 | 41 | 202 | 400 | 580 | 1,132 | 175 |
| Death rate attributable to tobacco | 8 | 37 | 120 | 139 | 219 | 37 | 1 | 2 | 7 | 6 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 27 | 30 | 31 | 22 | 20 | 27 | 3 | 1 | 2 | 1 | - | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 96 | 484 | 1,511 | 3,496 | 7,695 | 607 | 60 | 366 | 1,286 | 3,240 | 7,241 | 564 |
| Death rate attributable to tobacco | 55 | 140 | 226 | 193 | 62 | 106 | 5 | 12 | 28 | 21 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 57 | 29 | 15 | 6 | 1 | 17 | 8 | 3 | 2 | 1 | - | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 46 | 267 | 788 | 1,736 | 3,525 | 310 | 25 | 168 | 626 | 1,402 | 2,865 | 251 |
| Death rate attributable to tobacco | 27 | 74 | 115 | 94 | 26 | 54 | 1 | 5 | 13 | 8 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 58 | 28 | 15 | 5 | 1 | 17 | 6 | 3 | 2 | 1 | - | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 15 | 101 | 386 | 940 | 1,833 | 144 | 8 | 82 | 349 | 916 | 1,814 | 144 |
| Death rate attributable to tobacco | 6 | 29 | 56 | 45 | 14 | 20 | 1 | 3 | 8 | 7 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 40 | 29 | 14 | 5 | 1 | 14 | 16 | 4 | 2 | 1 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 35 | 116 | 337 | 820 | 2,336 | 154 | 27 | 116 | 311 | 922 | 2,561 | 170 |
| Death rate attributable to tobacco | 22 | 36 | 56 | 53 | 22 | 32 | 2 | 4 | 7 | 6 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 63 | 31 | 17 | 6 | 1 | 21 | 7 | 4 | 2 | 1 | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 15 | 113 | 351 | 818 | 1,752 | 137 | 14 | 108 | 211 | 560 | 1,480 | 115 |
| Death rate attributable to tobacco | 6 | 56 | 181 | 339 | 639 | 62 | 2 | 9 | 21 | 34 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 38 | 50 | 52 | 41 | 36 | 45 | 15 | 8 | 10 | 6 | - | 7 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 79 | 255 | 554 | 942 | 90 | 4 | 75 | 149 | 372 | 693 | 72 |
| Death rate attributable to tobacco | 3 | 51 | 167 | 311 | 548 | 56 | 1 | 8 | 20 | 32 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 75 | 65 | 66 | 56 | 58 | 62 | 37 | 11 | 13 | 9 | - | 10 |
| <i>Death rate: Other respiratory diseases</i> | 10 | 34 | 96 | 265 | 810 | 47 | 10 | 33 | 62 | 188 | 786 | 43 |
| Death rate attributable to tobacco | 2 | 5 | 14 | 28 | 92 | 7 | 1 | 0 | 1 | 2 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 15 | 15 | 11 | 11 | 14 | 6 | 1 | 2 | 1 | - | 1 |

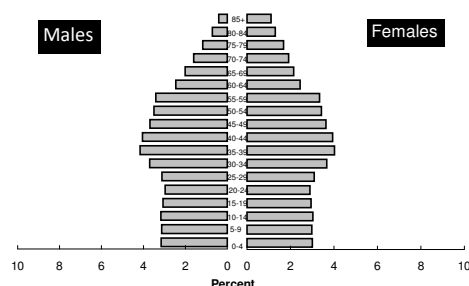
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Netherlands

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 3,026 | 2,920 | 5,947 |
| 30-44 | 1,936 | 1,891 | 3,827 |
| 45-59 | 1,724 | 1,689 | 3,413 |
| 60-69 | 725 | 746 | 1,471 |
| 70-79 | 450 | 584 | 1,035 |
| 80+ | 180 | 390 | 571 |
| Total | 8,043 | 8,221 | 16,264 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1180 per 100,000 population) was about 14.5 times that for communicable diseases (82 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 19% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 154 deaths per 100,000 population aged 30 years and over, with 18% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 94 deaths per 100,000 population but with 89% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 27% of all lower respiratory infection deaths and 21% of all tuberculosis deaths.

- The death rate due to tobacco in men was (360 per 100,000 men aged 30 years and over) compared with women (181 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 28% for men and 14% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 33.9% of those whose death was due to a lower respiratory infection, 55.5% of deaths due to the category of 'all cardiovascular diseases combined', and 87.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 92 | 398 | 1,192 | 3,369 | 11,423 | 1,306 |
| Death rate attributable to tobacco | 17 | 134 | 373 | 896 | 1,344 | 268 |
| Proportion of deaths attributable to tobacco (%) | 18 | 34 | 31 | 27 | 12 | 21 |
| Death rate: Communicable diseases | 4 | 11 | 37 | 165 | 986 | 82 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 35 | 191 | 15 |
| Proportion of deaths attributable to tobacco (%) | 9 | 14 | 16 | 21 | 19 | 19 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 2 | 7 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 21 | 24 | 21 | 24 | 18 | 21 |
| Death rate: Lower respiratory infections | 1 | 4 | 19 | 107 | 763 | 57 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 34 | 189 | 15 |
| Proportion of deaths attributable to tobacco (%) | 30 | 34 | 30 | 32 | 25 | 27 |
| Death rate: Noncommunicable diseases | 65 | 358 | 1,125 | 3,144 | 10,149 | 1,180 |
| Death rate attributable to tobacco | 16 | 133 | 367 | 861 | 1,153 | 252 |
| Proportion of deaths attributable to tobacco (%) | 25 | 37 | 33 | 27 | 11 | 21 |
| Death rate: All malignant neoplasms | 32 | 201 | 586 | 1,193 | 1,993 | 392 |
| Death rate attributable to tobacco | 6 | 73 | 214 | 422 | 441 | 123 |
| Proportion of deaths attributable to tobacco (%) | 18 | 36 | 36 | 35 | 22 | 31 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 56 | 169 | 330 | 307 | 94 |
| Death rate attributable to tobacco | 3 | 49 | 152 | 299 | 266 | 84 |
| Proportion of deaths attributable to tobacco (%) | 65 | 88 | 90 | 91 | 87 | 89 |
| Death rate: All other malignant neoplasms | 27 | 145 | 417 | 863 | 1,686 | 297 |
| Death rate attributable to tobacco | 3 | 24 | 62 | 122 | 175 | 40 |
| Proportion of deaths attributable to tobacco (%) | 9 | 16 | 15 | 14 | 10 | 13 |
| Death rate: All Cardiovascular diseases | 17 | 94 | 328 | 1,163 | 4,584 | 455 |
| Death rate attributable to tobacco | 10 | 52 | 109 | 249 | 219 | 74 |
| Proportion of deaths attributable to tobacco (%) | 57 | 56 | 33 | 21 | 5 | 16 |
| Death rate: Ischaemic heart disease | 6 | 42 | 150 | 460 | 1,274 | 154 |
| Death rate attributable to tobacco | 4 | 22 | 46 | 89 | 66 | 28 |
| Proportion of deaths attributable to tobacco (%) | 57 | 52 | 31 | 19 | 5 | 18 |
| Death rate: Cerebrovascular disease | 4 | 16 | 60 | 278 | 1,243 | 112 |
| Death rate attributable to tobacco | 2 | 9 | 20 | 59 | 12 | 13 |
| Proportion of deaths attributable to tobacco (%) | 54 | 58 | 33 | 21 | 1 | 12 |
| Death rate: Other cardiovascular diseases | 7 | 35 | 119 | 425 | 2,067 | 188 |
| Death rate attributable to tobacco | 4 | 21 | 44 | 101 | 142 | 33 |
| Proportion of deaths attributable to tobacco (%) | 60 | 59 | 37 | 24 | 7 | 17 |
| Death rate: Respiratory diseases | 1 | 9 | 55 | 235 | 673 | 72 |
| Death rate attributable to tobacco | 0 | 6 | 39 | 173 | 453 | 50 |
| Proportion of deaths attributable to tobacco (%) | 48 | 72 | 71 | 73 | 67 | 70 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 7 | 44 | 193 | 534 | 57 |
| Death rate attributable to tobacco | 0 | 6 | 36 | 160 | 417 | 46 |
| Proportion of deaths attributable to tobacco (%) | 82 | 84 | 81 | 83 | 78 | 80 |
| Death rate: Other respiratory diseases | 1 | 2 | 11 | 43 | 139 | 14 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 13 | 36 | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 33 | 30 | 32 | 26 | 29 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 106 | 462 | 1,521 | 4,440 | 13,476 | 1,303 | 77 | 334 | 872 | 2,544 | 10,474 | 1,308 |
| Death rate attributable to tobacco | 22 | 166 | 522 | 1,405 | 2,587 | 360 | 11 | 102 | 227 | 503 | 769 | 181 |
| Proportion of deaths attributable to tobacco (%) | 20 | 36 | 34 | 32 | 19 | 28 | 15 | 31 | 26 | 20 | 7 | 14 |
| <u>Death rate: Communicable diseases</u> | 5 | 14 | 47 | 212 | 1,142 | 74 | 3 | 9 | 27 | 129 | 914 | 89 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 49 | 330 | 18 | 0 | 1 | 4 | 23 | 126 | 13 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 16 | 23 | 29 | 25 | 10 | 17 | 15 | 18 | 14 | 15 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 1 | 4 | 9 | 1 | - | 0 | 0 | 1 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 3 | 0 | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 21 | 22 | 22 | 26 | 27 | 25 | | 26 | 18 | 17 | 10 | 14 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 5 | 24 | 142 | 924 | 52 | 1 | 3 | 13 | 80 | 688 | 63 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 48 | 326 | 18 | 0 | 1 | 4 | 23 | 125 | 13 |
| Proportion of deaths attributable to tobacco (%) | 28 | 30 | 29 | 34 | 35 | 34 | 33 | 41 | 31 | 29 | 18 | 21 |
| <u>Death rate: Noncommunicable diseases</u> | 68 | 409 | 1,434 | 4,154 | 11,992 | 1,178 | 62 | 307 | 825 | 2,367 | 9,297 | 1,181 |
| Death rate attributable to tobacco | 21 | 164 | 515 | 1,356 | 2,257 | 342 | 11 | 101 | 223 | 480 | 643 | 168 |
| Proportion of deaths attributable to tobacco (%) | 31 | 40 | 36 | 33 | 19 | 29 | 18 | 33 | 27 | 20 | 7 | 14 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 200 | 710 | 1,659 | 2,992 | 438 | 37 | 202 | 465 | 834 | 1,531 | 348 |
| Death rate attributable to tobacco | 6 | 88 | 317 | 747 | 1,094 | 185 | 5 | 57 | 113 | 171 | 138 | 65 |
| Proportion of deaths attributable to tobacco (%) | 24 | 44 | 45 | 45 | 37 | 42 | 13 | 28 | 24 | 21 | 9 | 19 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 5 | 62 | 239 | 567 | 735 | 135 | 5 | 50 | 101 | 147 | 109 | 56 |
| Death rate attributable to tobacco | 3 | 55 | 222 | 536 | 692 | 125 | 3 | 43 | 84 | 117 | 68 | 45 |
| Proportion of deaths attributable to tobacco (%) | 64 | 88 | 93 | 95 | 94 | 93 | 66 | 86 | 84 | 80 | 63 | 80 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 138 | 471 | 1,092 | 2,258 | 303 | 33 | 152 | 364 | 687 | 1,422 | 292 |
| Death rate attributable to tobacco | 3 | 33 | 95 | 211 | 402 | 60 | 2 | 14 | 29 | 54 | 70 | 20 |
| Proportion of deaths attributable to tobacco (%) | 15 | 24 | 20 | 19 | 18 | 20 | 5 | 9 | 8 | 8 | 5 | 7 |
| <u>Death rate: All Cardiovascular diseases</u> | 22 | 131 | 474 | 1,539 | 5,192 | 447 | 13 | 56 | 187 | 873 | 4,303 | 462 |
| Death rate attributable to tobacco | 14 | 67 | 146 | 324 | 184 | 85 | 6 | 37 | 73 | 191 | 236 | 62 |
| Proportion of deaths attributable to tobacco (%) | 65 | 51 | 31 | 21 | 4 | 19 | 45 | 66 | 39 | 22 | 5 | 14 |
| <u>Death rate: Ischaemic heart disease</u> | 9 | 65 | 228 | 670 | 1,673 | 179 | 4 | 20 | 74 | 298 | 1,089 | 131 |
| Death rate attributable to tobacco | 6 | 31 | 66 | 132 | 52 | 36 | 1 | 12 | 26 | 56 | 72 | 19 |
| Proportion of deaths attributable to tobacco (%) | 66 | 49 | 29 | 20 | 3 | 20 | 34 | 62 | 36 | 19 | 7 | 15 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | 18 | 78 | 316 | 1,195 | 90 | 4 | 15 | 42 | 248 | 1,266 | 133 |
| Death rate attributable to tobacco | 2 | 9 | 22 | 57 | 37 | 13 | 2 | 10 | 17 | 61 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 47 | 50 | 29 | 18 | 3 | 15 | 60 | 68 | 40 | 24 | - | 10 |
| <u>Death rate: Other cardiovascular diseases</u> | 9 | 49 | 168 | 553 | 2,325 | 178 | 5 | 21 | 71 | 327 | 1,948 | 198 |
| Death rate attributable to tobacco | 6 | 27 | 58 | 135 | 94 | 36 | 2 | 14 | 30 | 75 | 164 | 30 |
| Proportion of deaths attributable to tobacco (%) | 71 | 55 | 34 | 24 | 4 | 20 | 40 | 68 | 42 | 23 | 8 | 15 |
| <u>Death rate: Respiratory diseases</u> | 1 | 10 | 64 | 344 | 1,185 | 87 | 1 | 8 | 46 | 152 | 436 | 58 |
| Death rate attributable to tobacco | 0 | 7 | 45 | 262 | 911 | 65 | 1 | 6 | 33 | 104 | 242 | 36 |
| Proportion of deaths attributable to tobacco (%) | 43 | 67 | 70 | 76 | 77 | 75 | 53 | 79 | 73 | 69 | 55 | 62 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 7 | 49 | 287 | 980 | 71 | 0 | 7 | 39 | 120 | 328 | 45 |
| Death rate attributable to tobacco | 0 | 6 | 40 | 243 | 839 | 60 | 0 | 6 | 31 | 95 | 222 | 33 |
| Proportion of deaths attributable to tobacco (%) | 81 | 82 | 82 | 85 | 86 | 85 | 82 | 87 | 81 | 79 | 68 | 74 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 3 | 15 | 57 | 206 | 16 | 1 | 1 | 7 | 32 | 108 | 13 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 19 | 73 | 5 | 0 | 1 | 2 | 9 | 20 | 3 |
| Proportion of deaths attributable to tobacco (%) | 28 | 30 | 29 | 34 | 35 | 33 | 33 | 41 | 31 | 29 | 18 | 23 |

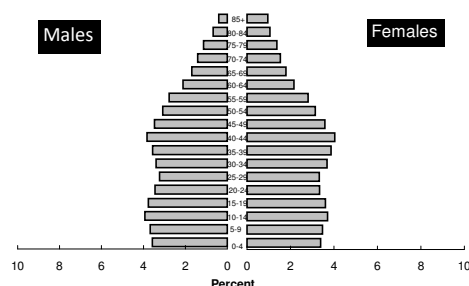
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

New Zealand

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 876 | 844 | 1,720 |
| 30-44 | 437 | 469 | 906 |
| 45-59 | 378 | 386 | 764 |
| 60-69 | 154 | 160 | 314 |
| 70-79 | 103 | 118 | 221 |
| 80+ | 44 | 81 | 126 |
| Total | 1,992 | 2,059 | 4,050 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1067 per 100,000 population) was about 42.9 times that for communicable diseases (25 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 18% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 265 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 62 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 24% of all lower respiratory infection deaths and 16% of all tuberculosis deaths.

- The death rate due to tobacco in men was (215 per 100,000 men aged 30 years and over) compared with women (178 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 18% for men and 16% for women.

- Among those who died prematurely, almost one in every 31 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 20.7% of those whose death was due to a lower respiratory infection, 34.4% of deaths due to the category of 'all cardiovascular diseases combined', and 76.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 111 | 353 | 1,121 | 3,067 | 10,092 | 1,145 |
| Death rate attributable to tobacco | 4 | 74 | 285 | 696 | 1,214 | 196 |
| Proportion of deaths attributable to tobacco (%) | 3 | 21 | 25 | 23 | 12 | 17 |
| Death rate: Communicable diseases | 2 | 4 | 10 | 32 | 337 | 25 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 5 | 70 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 12 | 15 | 21 | 18 |
| Death rate: Tuberculosis | - | 1 | 2 | 5 | 5 | 1 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 15 | 16 | 17 | 15 | 16 |
| Death rate: Lower respiratory infections | 0 | 1 | 4 | 16 | 285 | 18 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 4 | 69 | 4 |
| Proportion of deaths attributable to tobacco (%) | 7 | 21 | 22 | 26 | 24 | 24 |
| Death rate: Noncommunicable diseases | 67 | 312 | 1,069 | 2,971 | 9,506 | 1,067 |
| Death rate attributable to tobacco | 4 | 74 | 284 | 691 | 1,144 | 191 |
| Proportion of deaths attributable to tobacco (%) | 5 | 24 | 27 | 23 | 12 | 18 |
| Death rate: All malignant neoplasms | 32 | 155 | 507 | 1,115 | 1,787 | 334 |
| Death rate attributable to tobacco | 1 | 32 | 141 | 284 | 337 | 75 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 28 | 26 | 19 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 29 | 122 | 230 | 246 | 62 |
| Death rate attributable to tobacco | 1 | 23 | 105 | 200 | 205 | 52 |
| Proportion of deaths attributable to tobacco (%) | 38 | 76 | 86 | 87 | 83 | 84 |
| Death rate: All other malignant neoplasms | 29 | 125 | 385 | 884 | 1,541 | 271 |
| Death rate attributable to tobacco | 1 | 9 | 36 | 84 | 132 | 23 |
| Proportion of deaths attributable to tobacco (%) | 2 | 7 | 9 | 10 | 9 | 8 |
| Death rate: All Cardiovascular diseases | 18 | 97 | 335 | 1,143 | 5,153 | 470 |
| Death rate attributable to tobacco | 2 | 33 | 87 | 184 | 264 | 55 |
| Proportion of deaths attributable to tobacco (%) | 10 | 34 | 26 | 16 | 5 | 12 |
| Death rate: Ischaemic heart disease | 8 | 62 | 202 | 709 | 2,732 | 265 |
| Death rate attributable to tobacco | 0 | 19 | 47 | 104 | 172 | 32 |
| Proportion of deaths attributable to tobacco (%) | 1 | 31 | 23 | 15 | 6 | 12 |
| Death rate: Cerebrovascular disease | 4 | 15 | 62 | 250 | 1,400 | 114 |
| Death rate attributable to tobacco | 1 | 6 | 18 | 47 | 8 | 10 |
| Proportion of deaths attributable to tobacco (%) | 23 | 41 | 29 | 19 | 1 | 8 |
| Death rate: Other cardiovascular diseases | 6 | 20 | 71 | 185 | 1,020 | 91 |
| Death rate attributable to tobacco | 1 | 8 | 22 | 33 | 84 | 14 |
| Proportion of deaths attributable to tobacco (%) | 12 | 40 | 31 | 18 | 8 | 15 |
| Death rate: Respiratory diseases | 2 | 13 | 74 | 291 | 731 | 82 |
| Death rate attributable to tobacco | 0 | 8 | 50 | 208 | 514 | 57 |
| Proportion of deaths attributable to tobacco (%) | 16 | 62 | 68 | 72 | 70 | 69 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 10 | 62 | 260 | 643 | 71 |
| Death rate attributable to tobacco | 0 | 7 | 47 | 200 | 492 | 54 |
| Proportion of deaths attributable to tobacco (%) | 53 | 73 | 76 | 77 | 77 | 76 |
| Death rate: Other respiratory diseases | 1 | 3 | 12 | 31 | 88 | 11 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 8 | 21 | 3 |
| Proportion of deaths attributable to tobacco (%) | 6 | 22 | 25 | 25 | 24 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 142 | 415 | 1,353 | 3,796 | 11,833 | 1,203 | 81 | 293 | 898 | 2,430 | 9,145 | 1,092 |
| Death rate attributable to tobacco | - | 81 | 312 | 852 | 1,659 | 215 | 7 | 67 | 259 | 560 | 972 | 178 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 23 | 22 | 14 | 18 | 8 | 23 | 29 | 23 | 11 | 16 |
| <u>Death rate: Communicable diseases</u> | 3 | 5 | 11 | 33 | 330 | 21 | 1 | 4 | 9 | 32 | 341 | 29 |
| Death rate attributable to tobacco | - | 0 | 1 | 5 | 70 | 3 | 0 | 0 | 1 | 5 | 70 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 12 | 14 | 21 | 17 | 3 | 11 | 12 | 16 | 21 | 19 |
| <i>Death rate: Tuberculosis</i> | - | 0 | 2 | 7 | 2 | 1 | - | 1 | 1 | 3 | 6 | 1 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 0 | 0 | - | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 13 | 16 | 18 | 15 | - | 16 | 20 | 18 | 14 | 17 |
| <i>Death rate: Lower respiratory infections</i> | 0 | 1 | 6 | 17 | 290 | 15 | 0 | 1 | 2 | 15 | 282 | 21 |
| Death rate attributable to tobacco | - | 0 | 1 | 4 | 69 | 3 | 0 | 0 | 1 | 5 | 69 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 18 | 21 | 24 | 23 | 21 | 27 | 33 | 30 | 25 | 25 |
| <u>Death rate: Noncommunicable diseases</u> | 74 | 357 | 1,276 | 3,684 | 11,220 | 1,111 | 61 | 268 | 871 | 2,349 | 8,574 | 1,026 |
| Death rate attributable to tobacco | - | 81 | 311 | 847 | 1,589 | 212 | 7 | 67 | 258 | 554 | 901 | 172 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 24 | 23 | 14 | 19 | 11 | 25 | 30 | 24 | 11 | 17 |
| <i>Death rate: All malignant neoplasms</i> | 26 | 151 | 570 | 1,408 | 2,635 | 375 | 37 | 159 | 448 | 859 | 1,326 | 296 |
| Death rate attributable to tobacco | - | 35 | 172 | 409 | 614 | 98 | 3 | 28 | 111 | 175 | 186 | 54 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 30 | 29 | 23 | 26 | 7 | 18 | 25 | 20 | 14 | 18 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 29 | 135 | 317 | 440 | 76 | 3 | 30 | 110 | 155 | 141 | 50 |
| Death rate attributable to tobacco | - | 22 | 117 | 286 | 398 | 66 | 2 | 23 | 93 | 125 | 100 | 39 |
| Proportion of deaths attributable to tobacco (%) | - | 75 | 87 | 90 | 90 | 87 | 51 | 77 | 85 | 81 | 71 | 79 |
| <i>Death rate: All other malignant neoplasms</i> | 25 | 122 | 435 | 1,092 | 2,195 | 299 | 33 | 129 | 338 | 704 | 1,185 | 246 |
| Death rate attributable to tobacco | - | 13 | 54 | 124 | 217 | 32 | 1 | 5 | 18 | 50 | 85 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 12 | 11 | 10 | 11 | 3 | 4 | 5 | 7 | 7 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 26 | 142 | 459 | 1,425 | 5,494 | 471 | 10 | 52 | 217 | 898 | 4,968 | 469 |
| Death rate attributable to tobacco | - | 41 | 84 | 170 | 105 | 45 | 3 | 26 | 89 | 197 | 349 | 64 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 18 | 12 | 2 | 10 | 33 | 50 | 41 | 22 | 7 | 14 |
| <i>Death rate: Ischaemic heart disease</i> | 15 | 102 | 304 | 931 | 3,171 | 294 | 1 | 23 | 105 | 515 | 2,493 | 239 |
| Death rate attributable to tobacco | - | 28 | 54 | 108 | 58 | 29 | 0 | 11 | 40 | 101 | 234 | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 18 | 12 | 2 | 10 | 21 | 46 | 38 | 20 | 9 | 14 |
| <i>Death rate: Cerebrovascular disease</i> | 4 | 15 | 70 | 246 | 1,236 | 88 | 4 | 15 | 54 | 253 | 1,490 | 138 |
| Death rate attributable to tobacco | - | 4 | 12 | 26 | 22 | 6 | 2 | 8 | 23 | 65 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 18 | 10 | 2 | 7 | 44 | 53 | 42 | 26 | - | 9 |
| <i>Death rate: Other cardiovascular diseases</i> | 7 | 26 | 84 | 248 | 1,087 | 89 | 5 | 13 | 58 | 130 | 985 | 93 |
| Death rate attributable to tobacco | - | 9 | 18 | 36 | 26 | 10 | 1 | 7 | 26 | 31 | 115 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 22 | 15 | 2 | 11 | 26 | 53 | 44 | 24 | 12 | 18 |
| <u>Death rate: Respiratory diseases</u> | 2 | 9 | 79 | 364 | 1,161 | 95 | 1 | 16 | 70 | 227 | 498 | 70 |
| Death rate attributable to tobacco | - | 5 | 49 | 252 | 829 | 64 | 1 | 11 | 52 | 170 | 342 | 50 |
| Proportion of deaths attributable to tobacco (%) | - | 52 | 62 | 69 | 71 | 68 | 42 | 68 | 74 | 75 | 69 | 71 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 7 | 65 | 327 | 1,032 | 83 | 1 | 13 | 59 | 202 | 432 | 61 |
| Death rate attributable to tobacco | - | 4 | 46 | 244 | 798 | 62 | 0 | 10 | 48 | 162 | 326 | 47 |
| Proportion of deaths attributable to tobacco (%) | - | 65 | 71 | 75 | 77 | 75 | 71 | 78 | 82 | 80 | 75 | 78 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 2 | 13 | 37 | 129 | 12 | 1 | 3 | 11 | 25 | 66 | 10 |
| Death rate attributable to tobacco | - | 0 | 2 | 8 | 31 | 2 | 0 | 1 | 4 | 8 | 16 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 18 | 21 | 24 | 20 | 21 | 27 | 33 | 30 | 25 | 27 |

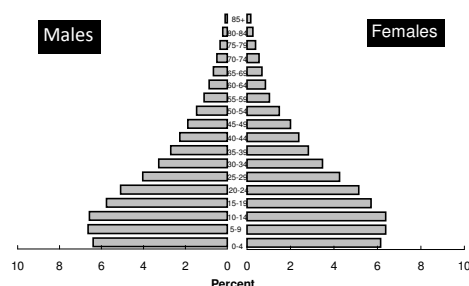
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Nicaragua

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,861 | 1,835 | 3,696 |
| 30-44 | 444 | 468 | 912 |
| 45-59 | 240 | 243 | 483 |
| 60-69 | 82 | 83 | 165 |
| 70-79 | 45 | 51 | 96 |
| 80+ | 17 | 24 | 41 |
| Total | 2,690 | 2,704 | 5,394 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1114 per 100,000 population) was about 9.8 times that for communicable diseases (114 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 250 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 60% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (104 per 100,000 men aged 30 years and over) compared with women (37 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 3% for women.

- Among those who died prematurely, almost one in every 31 deaths among those aged 30-44 and one in 21 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.2% of those whose death was due to a lower respiratory infection, 12.1% of deaths due to the category of 'all cardiovascular diseases combined', and 46.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 301 | 817 | 2,245 | 5,041 | 17,451 | 1,317 |
| Death rate attributable to tobacco | 10 | 39 | 160 | 332 | 809 | 70 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 7 | 7 | 5 | 5 |
| Death rate: Communicable diseases | 55 | 72 | 145 | 320 | 1,314 | 114 |
| Death rate attributable to tobacco | 1 | 2 | 6 | 11 | 51 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 4 | 3 | 4 | 3 |
| Death rate: Tuberculosis | 9 | 26 | 55 | 58 | 57 | 22 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 3 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 6 | 5 | 7 | 5 |
| Death rate: Lower respiratory infections | 5 | 10 | 34 | 110 | 669 | 31 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 8 | 47 | 2 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 8 | 7 | 7 | 7 |
| Death rate: Noncommunicable diseases | 175 | 668 | 1,991 | 4,545 | 15,775 | 1,114 |
| Death rate attributable to tobacco | 9 | 37 | 154 | 321 | 758 | 67 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 8 | 7 | 5 | 6 |
| Death rate: All malignant neoplasms | 40 | 162 | 459 | 840 | 1,826 | 204 |
| Death rate attributable to tobacco | 1 | 11 | 54 | 87 | 180 | 18 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 12 | 10 | 10 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 13 | 52 | 87 | 133 | 18 |
| Death rate attributable to tobacco | 0 | 6 | 35 | 56 | 92 | 11 |
| Proportion of deaths attributable to tobacco (%) | 21 | 46 | 67 | 65 | 69 | 60 |
| Death rate: All other malignant neoplasms | 38 | 149 | 407 | 753 | 1,693 | 186 |
| Death rate attributable to tobacco | 1 | 5 | 19 | 31 | 88 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 5 | 4 | 5 | 4 |
| Death rate: All Cardiovascular diseases | 37 | 188 | 690 | 2,137 | 9,540 | 491 |
| Death rate attributable to tobacco | 7 | 23 | 61 | 91 | 81 | 23 |
| Proportion of deaths attributable to tobacco (%) | 19 | 12 | 9 | 4 | 1 | 5 |
| Death rate: Ischaemic heart disease | 15 | 85 | 377 | 1,134 | 4,860 | 250 |
| Death rate attributable to tobacco | 4 | 10 | 32 | 46 | 46 | 12 |
| Proportion of deaths attributable to tobacco (%) | 25 | 11 | 9 | 4 | 1 | 5 |
| Death rate: Cerebrovascular disease | 10 | 54 | 181 | 608 | 2,547 | 134 |
| Death rate attributable to tobacco | 1 | 7 | 16 | 27 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | 8 | 12 | 9 | 4 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 13 | 49 | 132 | 396 | 2,133 | 107 |
| Death rate attributable to tobacco | 3 | 6 | 13 | 18 | 25 | 6 |
| Proportion of deaths attributable to tobacco (%) | 21 | 13 | 9 | 5 | 1 | 6 |
| Death rate: Respiratory diseases | 5 | 14 | 90 | 338 | 1,331 | 67 |
| Death rate attributable to tobacco | 0 | 2 | 30 | 127 | 467 | 22 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 33 | 38 | 35 | 33 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 4 | 61 | 267 | 1,030 | 48 |
| Death rate attributable to tobacco | 0 | 1 | 27 | 122 | 442 | 21 |
| Proportion of deaths attributable to tobacco (%) | 27 | 29 | 45 | 46 | 43 | 43 |
| Death rate: Other respiratory diseases | 4 | 10 | 29 | 71 | 301 | 19 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 5 | 26 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 8 | 7 | 9 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 374 | 952 | 2,447 | 5,698 | 19,086 | 1,426 | 233 | 684 | 2,045 | 4,456 | 16,255 | 1,213 |
| Death rate attributable to tobacco | 20 | 56 | 220 | 458 | 1,453 | 104 | - | 21 | 100 | 220 | 338 | 37 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 9 | 8 | 8 | 7 | - | 3 | 5 | 5 | 2 | 3 |
| <u>Death rate: Communicable diseases</u> | 42 | 84 | 167 | 391 | 1,290 | 111 | 68 | 60 | 124 | 257 | 1,332 | 116 |
| Death rate attributable to tobacco | 1 | 2 | 9 | 16 | 90 | 5 | - | 1 | 3 | 7 | 22 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 5 | 4 | 7 | 5 | - | 1 | 2 | 3 | 2 | 1 |
| <u>Death rate: Tuberculosis</u> | 12 | 34 | 76 | 78 | 87 | 30 | 6 | 18 | 33 | 40 | 36 | 15 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 5 | 9 | 2 | - | 0 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 7 | 5 | 7 | 6 | 10 | 6 | - | 2 | 3 | 3 | 2 | 2 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 11 | 37 | 129 | 582 | 28 | 6 | 10 | 31 | 93 | 732 | 34 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 11 | 81 | 3 | - | 0 | 2 | 6 | 22 | 1 |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 10 | 8 | 14 | 11 | - | 3 | 5 | 6 | 3 | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 204 | 734 | 2,086 | 5,010 | 17,267 | 1,161 | 147 | 603 | 1,897 | 4,132 | 14,684 | 1,069 |
| Death rate attributable to tobacco | 19 | 54 | 211 | 442 | 1,363 | 99 | - | 21 | 98 | 213 | 315 | 36 |
| Proportion of deaths attributable to tobacco (%) | 9 | 7 | 10 | 9 | 8 | 9 | - | 3 | 5 | 5 | 2 | 3 |
| <u>Death rate: All malignant neoplasms</u> | 25 | 109 | 382 | 846 | 2,279 | 176 | 55 | 214 | 536 | 834 | 1,494 | 230 |
| Death rate attributable to tobacco | 3 | 18 | 88 | 145 | 394 | 31 | - | 4 | 20 | 36 | 23 | 6 |
| Proportion of deaths attributable to tobacco (%) | 11 | 16 | 23 | 17 | 17 | 18 | - | 2 | 4 | 4 | 2 | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 17 | 76 | 129 | 247 | 26 | 1 | 9 | 28 | 49 | 50 | 10 |
| Death rate attributable to tobacco | 1 | 10 | 59 | 98 | 205 | 19 | - | 2 | 11 | 19 | 9 | 3 |
| Proportion of deaths attributable to tobacco (%) | 34 | 59 | 77 | 76 | 83 | 72 | - | 23 | 40 | 39 | 19 | 30 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 91 | 306 | 717 | 2,031 | 150 | 53 | 206 | 508 | 785 | 1,445 | 220 |
| Death rate attributable to tobacco | 2 | 8 | 29 | 47 | 189 | 13 | - | 2 | 9 | 17 | 14 | 3 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 10 | 7 | 9 | 8 | - | 1 | 2 | 2 | 1 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 42 | 203 | 757 | 2,434 | 10,106 | 499 | 32 | 173 | 624 | 1,874 | 9,126 | 482 |
| Death rate attributable to tobacco | 14 | 32 | 75 | 105 | 100 | 32 | - | 14 | 46 | 78 | 68 | 15 |
| Proportion of deaths attributable to tobacco (%) | 34 | 16 | 10 | 4 | 1 | 6 | - | 8 | 7 | 4 | 1 | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 21 | 95 | 448 | 1,349 | 5,519 | 271 | 9 | 76 | 306 | 943 | 4,378 | 229 |
| Death rate attributable to tobacco | 7 | 14 | 44 | 58 | 52 | 17 | - | 5 | 21 | 34 | 42 | 7 |
| Proportion of deaths attributable to tobacco (%) | 36 | 15 | 10 | 4 | 1 | 6 | - | 7 | 7 | 4 | 1 | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 53 | 176 | 686 | 2,553 | 127 | 12 | 55 | 186 | 539 | 2,543 | 140 |
| Death rate attributable to tobacco | 2 | 8 | 17 | 26 | 24 | 7 | - | 5 | 15 | 27 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 21 | 15 | 10 | 4 | 1 | 5 | - | 9 | 8 | 5 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 14 | 55 | 132 | 399 | 2,034 | 101 | 11 | 42 | 132 | 392 | 2,204 | 113 |
| Death rate attributable to tobacco | 6 | 9 | 15 | 20 | 23 | 9 | - | 4 | 10 | 17 | 26 | 4 |
| Proportion of deaths attributable to tobacco (%) | 39 | 17 | 11 | 5 | 1 | 9 | - | 8 | 8 | 4 | 1 | 3 |
| <u>Death rate: Respiratory diseases</u> | 4 | 13 | 90 | 411 | 1,563 | 70 | 7 | 15 | 89 | 274 | 1,162 | 64 |
| Death rate attributable to tobacco | 1 | 2 | 36 | 176 | 817 | 31 | - | 2 | 23 | 83 | 211 | 13 |
| Proportion of deaths attributable to tobacco (%) | 25 | 14 | 40 | 43 | 52 | 45 | - | 11 | 26 | 30 | 18 | 21 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 2 | 60 | 340 | 1,203 | 51 | 1 | 6 | 62 | 203 | 904 | 45 |
| Death rate attributable to tobacco | 1 | 1 | 33 | 170 | 767 | 29 | - | 1 | 22 | 79 | 203 | 13 |
| Proportion of deaths attributable to tobacco (%) | 55 | 46 | 55 | 50 | 64 | 57 | - | 24 | 35 | 39 | 22 | 28 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 10 | 30 | 71 | 359 | 19 | 6 | 9 | 27 | 70 | 258 | 19 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 6 | 50 | 2 | - | 0 | 1 | 4 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 10 | 8 | 14 | 11 | - | 3 | 5 | 6 | 3 | 4 |

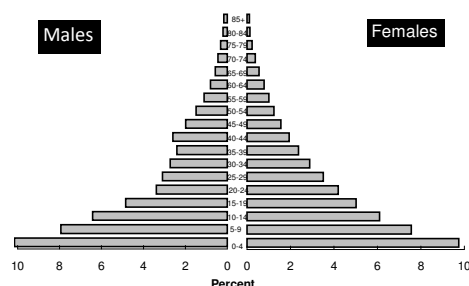
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Niger

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,592 | 4,624 | 9,216 |
| 30-44 | 990 | 921 | 1,911 |
| 45-59 | 588 | 488 | 1,076 |
| 60-69 | 177 | 173 | 350 |
| 70-79 | 98 | 78 | 176 |
| 80+ | 47 | 31 | 79 |
| Total | 6,492 | 6,316 | 12,808 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1555 per 100,000 population) was about 1.5 times that for communicable diseases (1007 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 219 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 17 deaths per 100,000 population but with 69% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (261 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 8% for men and 0% for women.

- Among those who died prematurely, almost one in every 24 deaths among those aged 30-44 and one in 24 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4.2% of those whose death was due to a lower respiratory infection, 8.3% of deaths due to the category of 'all cardiovascular diseases combined', and 49.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,341 | 2,206 | 4,297 | 9,352 | 22,097 | 2,735 |
| Death rate attributable to tobacco | 56 | 91 | 252 | 604 | 1,236 | 138 |
| Proportion of deaths attributable to tobacco (%) | 4 | 4 | 6 | 6 | 6 | 5 |
| Death rate: Communicable diseases | 818 | 951 | 1,290 | 1,891 | 3,115 | 1,007 |
| Death rate attributable to tobacco | 18 | 18 | 47 | 90 | 216 | 29 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 4 | 5 | 7 | 3 |
| Death rate: Tuberculosis | 63 | 83 | 119 | 191 | 214 | 84 |
| Death rate attributable to tobacco | 4 | 3 | 6 | 13 | 20 | 5 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 5 | 7 | 9 | 6 |
| Death rate: Lower respiratory infections | 142 | 349 | 619 | 959 | 1,795 | 327 |
| Death rate attributable to tobacco | 13 | 15 | 40 | 77 | 195 | 23 |
| Proportion of deaths attributable to tobacco (%) | 9 | 4 | 7 | 8 | 11 | 7 |
| Death rate: Noncommunicable diseases | 355 | 1,088 | 2,851 | 7,220 | 18,683 | 1,555 |
| Death rate attributable to tobacco | 38 | 72 | 205 | 514 | 1,021 | 109 |
| Proportion of deaths attributable to tobacco (%) | 11 | 7 | 7 | 7 | 5 | 7 |
| Death rate: All malignant neoplasms | 54 | 233 | 587 | 1,347 | 2,681 | 280 |
| Death rate attributable to tobacco | 3 | 16 | 61 | 153 | 326 | 27 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 10 | 11 | 12 | 10 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 10 | 44 | 105 | 170 | 17 |
| Death rate attributable to tobacco | 1 | 5 | 30 | 81 | 139 | 12 |
| Proportion of deaths attributable to tobacco (%) | 37 | 50 | 69 | 77 | 82 | 69 |
| Death rate: All other malignant neoplasms | 52 | 223 | 543 | 1,242 | 2,511 | 263 |
| Death rate attributable to tobacco | 3 | 10 | 31 | 72 | 187 | 15 |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 6 | 6 | 7 | 6 |
| Death rate: All Cardiovascular diseases | 118 | 438 | 1,256 | 3,488 | 10,201 | 710 |
| Death rate attributable to tobacco | 27 | 37 | 64 | 121 | 73 | 39 |
| Proportion of deaths attributable to tobacco (%) | 23 | 8 | 5 | 3 | 1 | 5 |
| Death rate: Ischaemic heart disease | 24 | 149 | 463 | 1,148 | 2,741 | 219 |
| Death rate attributable to tobacco | 7 | 14 | 27 | 46 | 20 | 14 |
| Proportion of deaths attributable to tobacco (%) | 31 | 10 | 6 | 4 | 1 | 6 |
| Death rate: Cerebrovascular disease | 48 | 165 | 468 | 1,280 | 3,481 | 259 |
| Death rate attributable to tobacco | 7 | 13 | 21 | 35 | 21 | 12 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 4 | 3 | 1 | 5 |
| Death rate: Other cardiovascular diseases | 46 | 124 | 325 | 1,061 | 3,978 | 232 |
| Death rate attributable to tobacco | 12 | 9 | 17 | 39 | 33 | 14 |
| Proportion of deaths attributable to tobacco (%) | 27 | 8 | 5 | 4 | 1 | 6 |
| Death rate: Respiratory diseases | 46 | 124 | 335 | 826 | 1,904 | 177 |
| Death rate attributable to tobacco | 7 | 19 | 76 | 226 | 585 | 41 |
| Proportion of deaths attributable to tobacco (%) | 16 | 15 | 23 | 27 | 31 | 23 |
| Death rate: Chronic obstructive pulmonary disease | 10 | 49 | 166 | 434 | 919 | 77 |
| Death rate attributable to tobacco | 4 | 16 | 66 | 195 | 480 | 34 |
| Proportion of deaths attributable to tobacco (%) | 44 | 33 | 40 | 45 | 52 | 43 |
| Death rate: Other respiratory diseases | 36 | 76 | 169 | 391 | 985 | 99 |
| Death rate attributable to tobacco | 3 | 3 | 10 | 31 | 105 | 7 |
| Proportion of deaths attributable to tobacco (%) | 8 | 4 | 6 | 8 | 11 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|--------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,447 | 2,495 | 4,778 | 10,049 | 24,193 | 3,089 | 1,226 | 1,858 | 3,805 | 8,474 | 18,967 | 2,337 |
| Death rate attributable to tobacco | 108 | 166 | 499 | 1,083 | 2,064 | 261 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 7 | 10 | 11 | 9 | 8 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 737 | 1,104 | 1,594 | 2,224 | 3,628 | 1,079 | 904 | 768 | 979 | 1,472 | 2,349 | 926 |
| Death rate attributable to tobacco | 35 | 33 | 93 | 162 | 360 | 54 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 6 | 7 | 10 | 5 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 90 | 119 | 170 | 260 | 291 | 120 | 35 | 39 | 68 | 104 | 98 | 44 |
| Death rate attributable to tobacco | 8 | 6 | 12 | 22 | 33 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 5 | 7 | 9 | 11 | 8 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 198 | 397 | 795 | 1,152 | 2,101 | 412 | 82 | 291 | 440 | 716 | 1,338 | 231 |
| Death rate attributable to tobacco | 26 | 27 | 80 | 139 | 325 | 44 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 13 | 7 | 10 | 12 | 15 | 11 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 422 | 1,137 | 2,969 | 7,504 | 20,214 | 1,737 | 283 | 1,028 | 2,730 | 6,861 | 16,396 | 1,352 |
| Death rate attributable to tobacco | 73 | 132 | 406 | 921 | 1,704 | 207 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 12 | 14 | 12 | 8 | 12 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 53 | 227 | 640 | 1,571 | 3,412 | 323 | 55 | 240 | 532 | 1,064 | 1,588 | 232 |
| Death rate attributable to tobacco | 6 | 28 | 120 | 274 | 544 | 51 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 13 | 19 | 17 | 16 | 16 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 17 | 77 | 176 | 274 | 30 | 0 | 3 | 10 | 16 | 14 | 3 |
| Death rate attributable to tobacco | 1 | 9 | 60 | 145 | 232 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 41 | 57 | 78 | 82 | 85 | 75 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 50 | 210 | 563 | 1,395 | 3,138 | 294 | 54 | 237 | 522 | 1,048 | 1,574 | 229 |
| Death rate attributable to tobacco | 5 | 19 | 60 | 128 | 312 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 9 | 11 | 9 | 10 | 10 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 134 | 445 | 1,231 | 3,344 | 10,335 | 751 | 100 | 428 | 1,282 | 3,670 | 10,001 | 665 |
| Death rate attributable to tobacco | 52 | 67 | 127 | 216 | 123 | 74 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 38 | 15 | 10 | 6 | 1 | 10 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 33 | 185 | 536 | 1,325 | 3,080 | 269 | 13 | 105 | 388 | 925 | 2,236 | 162 |
| Death rate attributable to tobacco | 14 | 26 | 53 | 83 | 33 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 43 | 14 | 10 | 6 | 1 | 9 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 52 | 160 | 426 | 1,124 | 3,283 | 256 | 43 | 172 | 511 | 1,476 | 3,778 | 263 |
| Death rate attributable to tobacco | 14 | 23 | 41 | 63 | 35 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 26 | 15 | 10 | 6 | 1 | 9 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 48 | 101 | 269 | 895 | 3,973 | 226 | 44 | 151 | 383 | 1,269 | 3,987 | 239 |
| Death rate attributable to tobacco | 24 | 17 | 33 | 71 | 55 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 49 | 17 | 12 | 8 | 1 | 11 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 55 | 153 | 433 | 1,039 | 2,334 | 228 | 36 | 90 | 234 | 556 | 1,261 | 119 |
| Death rate attributable to tobacco | 14 | 35 | 150 | 405 | 976 | 77 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 25 | 23 | 35 | 39 | 42 | 34 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 14 | 66 | 236 | 585 | 1,204 | 110 | 6 | 28 | 93 | 245 | 494 | 41 |
| Death rate attributable to tobacco | 9 | 29 | 130 | 350 | 801 | 63 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 62 | 44 | 55 | 60 | 67 | 58 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 42 | 88 | 197 | 454 | 1,130 | 119 | 30 | 62 | 141 | 312 | 768 | 77 |
| Death rate attributable to tobacco | 5 | 6 | 20 | 55 | 175 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 13 | 7 | 10 | 12 | 15 | 12 | - | - | - | - | - | - |

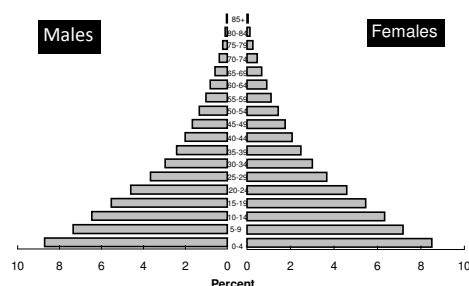
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Nigeria

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 50,161 | 49,320 | 99,481 |
| 30-44 | 10,204 | 10,433 | 20,638 |
| 45-59 | 5,559 | 5,921 | 11,480 |
| 60-69 | 1,940 | 2,180 | 4,120 |
| 70-79 | 838 | 1,014 | 1,852 |
| 80+ | 177 | 253 | 430 |
| Total | 68,880 | 69,121 | 138,001 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1217 per 100,000 population) was about 1.4 times that for communicable diseases (875 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 167 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 6 deaths per 100,000 population but with 27% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (53 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 0% for women.

- Among those who died prematurely, almost one in every 163 deaths among those aged 30-44 and one in 42 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 2.4% of those whose death was due to a lower respiratory infection, 5% of deaths due to the category of 'all cardiovascular diseases combined', and 38.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,152 | 1,925 | 3,935 | 8,544 | 18,408 | 2,228 |
| Death rate attributable to tobacco | 7 | 46 | 43 | 53 | 109 | 26 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 1 | 1 | 1 |
| Death rate: Communicable diseases | 735 | 832 | 1,098 | 1,704 | 3,017 | 875 |
| Death rate attributable to tobacco | 2 | 7 | 6 | 6 | 15 | 4 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 1 | 0 | 1 | 0 |
| Death rate: Tuberculosis | 125 | 105 | 110 | 145 | 133 | 118 |
| Death rate attributable to tobacco | 1 | 2 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 1 | 1 | 1 |
| Death rate: Lower respiratory infections | 41 | 192 | 474 | 869 | 1,769 | 191 |
| Death rate attributable to tobacco | 0 | 5 | 5 | 5 | 14 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 1 | 1 | 1 |
| Death rate: Noncommunicable diseases | 291 | 965 | 2,686 | 6,609 | 15,067 | 1,217 |
| Death rate attributable to tobacco | 5 | 39 | 38 | 47 | 94 | 22 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 1 | 1 | 1 | 2 |
| Death rate: All malignant neoplasms | 45 | 208 | 551 | 1,197 | 2,041 | 225 |
| Death rate attributable to tobacco | 1 | 8 | 8 | 10 | 20 | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 2 | 1 | 1 | 2 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 16 | 30 | 39 | 6 |
| Death rate attributable to tobacco | 0 | 3 | 4 | 5 | 9 | 2 |
| Proportion of deaths attributable to tobacco (%) | 8 | 39 | 27 | 17 | 22 | 27 |
| Death rate: All other malignant neoplasms | 44 | 201 | 535 | 1,166 | 2,002 | 219 |
| Death rate attributable to tobacco | 1 | 5 | 4 | 5 | 11 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 0 | 1 | 1 |
| Death rate: All Cardiovascular diseases | 96 | 389 | 1,186 | 3,249 | 8,406 | 544 |
| Death rate attributable to tobacco | 4 | 19 | 10 | 8 | 4 | 9 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 1 | 0 | 0 | 2 |
| Death rate: Ischaemic heart disease | 18 | 130 | 433 | 1,022 | 2,129 | 167 |
| Death rate attributable to tobacco | 1 | 8 | 4 | 3 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | 6 | 6 | 1 | 0 | 0 | 2 |
| Death rate: Cerebrovascular disease | 39 | 146 | 440 | 1,206 | 2,986 | 203 |
| Death rate attributable to tobacco | 1 | 7 | 3 | 2 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 1 | 0 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 39 | 113 | 313 | 1,021 | 3,292 | 174 |
| Death rate attributable to tobacco | 2 | 5 | 3 | 3 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 4 | 1 | 0 | 0 | 2 |
| Death rate: Respiratory diseases | 38 | 108 | 313 | 718 | 1,429 | 136 |
| Death rate attributable to tobacco | 1 | 11 | 19 | 28 | 68 | 8 |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 6 | 4 | 5 | 6 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 42 | 154 | 369 | 667 | 58 |
| Death rate attributable to tobacco | 1 | 10 | 17 | 26 | 62 | 7 |
| Proportion of deaths attributable to tobacco (%) | 11 | 23 | 11 | 7 | 9 | 12 |
| Death rate: Other respiratory diseases | 30 | 66 | 158 | 349 | 761 | 78 |
| Death rate attributable to tobacco | 0 | 2 | 2 | 2 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 1 | 1 | 1 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,167 | 2,223 | 4,454 | 9,246 | 19,524 | 2,357 | 1,138 | 1,645 | 3,473 | 7,965 | 17,627 | 2,107 |
| Death rate attributable to tobacco | 14 | 95 | 92 | 117 | 266 | 53 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 2 | 1 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 649 | 976 | 1,340 | 2,001 | 3,487 | 905 | 819 | 697 | 883 | 1,458 | 2,688 | 846 |
| Death rate attributable to tobacco | 3 | 15 | 12 | 13 | 37 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 187 | 166 | 162 | 219 | 221 | 180 | 63 | 48 | 63 | 84 | 72 | 60 |
| Death rate attributable to tobacco | 2 | 5 | 2 | 2 | 3 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 3 | 1 | 1 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 54 | 221 | 608 | 1,051 | 2,068 | 225 | 29 | 164 | 355 | 718 | 1,560 | 160 |
| Death rate attributable to tobacco | 1 | 10 | 10 | 11 | 34 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 2 | 1 | 2 | 2 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 309 | 1,046 | 2,908 | 6,925 | 15,678 | 1,239 | 274 | 888 | 2,489 | 6,348 | 14,640 | 1,196 |
| Death rate attributable to tobacco | 11 | 80 | 80 | 104 | 228 | 45 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 3 | 2 | 1 | 4 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 37 | 209 | 626 | 1,452 | 2,814 | 239 | 52 | 207 | 485 | 985 | 1,500 | 213 |
| Death rate attributable to tobacco | 1 | 16 | 18 | 23 | 49 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 3 | 2 | 2 | 4 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 13 | 26 | 43 | 64 | 10 | - | 2 | 7 | 20 | 22 | 3 |
| Death rate attributable to tobacco | 0 | 6 | 9 | 12 | 21 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 45 | 35 | 27 | 34 | 34 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 35 | 196 | 600 | 1,409 | 2,750 | 229 | 52 | 205 | 478 | 965 | 1,478 | 210 |
| Death rate attributable to tobacco | 1 | 10 | 9 | 11 | 27 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 1 | 1 | 1 | 2 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 96 | 409 | 1,205 | 3,074 | 7,832 | 510 | 96 | 370 | 1,170 | 3,394 | 8,808 | 576 |
| Death rate attributable to tobacco | 7 | 40 | 21 | 17 | 9 | 19 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 2 | 1 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 23 | 171 | 524 | 1,228 | 2,377 | 195 | 13 | 90 | 353 | 853 | 1,955 | 141 |
| Death rate attributable to tobacco | 2 | 16 | 9 | 7 | 2 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 9 | 9 | 2 | 1 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 37 | 145 | 415 | 1,025 | 2,480 | 176 | 41 | 147 | 463 | 1,355 | 3,339 | 229 |
| Death rate attributable to tobacco | 2 | 14 | 7 | 5 | 2 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 10 | 2 | 0 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 35 | 92 | 266 | 821 | 2,975 | 139 | 43 | 132 | 354 | 1,187 | 3,514 | 207 |
| Death rate attributable to tobacco | 4 | 10 | 6 | 6 | 4 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 11 | 11 | 2 | 1 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 40 | 140 | 424 | 964 | 1,841 | 168 | 35 | 77 | 213 | 515 | 1,140 | 106 |
| Death rate attributable to tobacco | 2 | 23 | 40 | 62 | 166 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 17 | 9 | 6 | 9 | 10 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 10 | 60 | 231 | 542 | 972 | 81 | 6 | 24 | 85 | 226 | 454 | 37 |
| Death rate attributable to tobacco | 2 | 20 | 36 | 58 | 151 | 15 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 33 | 16 | 11 | 16 | 18 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 30 | 80 | 193 | 423 | 869 | 87 | 29 | 53 | 128 | 289 | 686 | 69 |
| Death rate attributable to tobacco | 1 | 3 | 3 | 5 | 14 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 2 | 1 | 2 | 2 | - | - | - | - | - | - |

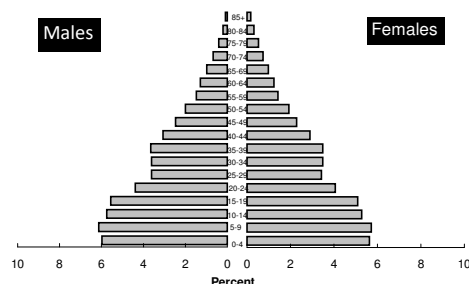
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Niue

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------|----------|----------|
| 0-29 | 1 | 0 | 1 |
| 30-44 | 0 | 0 | 0 |
| 45-59 | 0 | 0 | 0 |
| 60-69 | 0 | 0 | 0 |
| 70-79 | 0 | 0 | 0 |
| 80+ | 0 | 0 | 0 |
| Total | 1 | 1 | 2 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (882 per 100,000 population) was about 4.6 times that for communicable diseases (190 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 152 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 50% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 8% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (75 per 100,000 men aged 30 years and over) compared with women (52 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 6% for men and 5% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 49 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 1.1% of those whose death was due to a lower respiratory infection, 3% of deaths due to the category of 'all cardiovascular diseases combined', and 13.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 241 | 678 | 2,033 | 5,047 | 13,567 | 1,104 |
| Death rate attributable to tobacco | 21 | 14 | 82 | 271 | 1,243 | 63 |
| Proportion of deaths attributable to tobacco (%) | 9 | 2 | 4 | 5 | 9 | 6 |
| Death rate: Communicable diseases | 41 | 103 | 302 | 949 | 2,608 | 190 |
| Death rate attributable to tobacco | 2 | 0 | 3 | 15 | 129 | 4 |
| Proportion of deaths attributable to tobacco (%) | 4 | 0 | 1 | 2 | 5 | 2 |
| Death rate: Tuberculosis | 1 | 5 | 13 | 20 | 22 | 5 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | 10 | 1 | 3 | 4 | 11 | 4 |
| Death rate: Lower respiratory infections | 9 | 25 | 79 | 296 | 732 | 52 |
| Death rate attributable to tobacco | 1 | 0 | 3 | 14 | 123 | 4 |
| Proportion of deaths attributable to tobacco (%) | 15 | 1 | 3 | 5 | 17 | 8 |
| Death rate: Noncommunicable diseases | 170 | 551 | 1,693 | 4,052 | 10,831 | 882 |
| Death rate attributable to tobacco | 20 | 13 | 79 | 256 | 1,114 | 59 |
| Proportion of deaths attributable to tobacco (%) | 12 | 2 | 5 | 6 | 10 | 7 |
| Death rate: All malignant neoplasms | 36 | 89 | 202 | 384 | 1,024 | 109 |
| Death rate attributable to tobacco | 3 | 2 | 16 | 52 | 202 | 11 |
| Proportion of deaths attributable to tobacco (%) | 8 | 2 | 8 | 14 | 20 | 10 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 8 | 29 | 71 | 173 | 15 |
| Death rate attributable to tobacco | 1 | 1 | 13 | 41 | 132 | 7 |
| Proportion of deaths attributable to tobacco (%) | 44 | 13 | 44 | 57 | 76 | 50 |
| Death rate: All other malignant neoplasms | 33 | 81 | 172 | 313 | 850 | 95 |
| Death rate attributable to tobacco | 2 | 1 | 3 | 12 | 70 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 1 | 2 | 4 | 8 | 4 |
| Death rate: All Cardiovascular diseases | 74 | 287 | 942 | 2,283 | 6,122 | 478 |
| Death rate attributable to tobacco | 14 | 9 | 27 | 62 | 193 | 20 |
| Proportion of deaths attributable to tobacco (%) | 19 | 3 | 3 | 3 | 3 | 4 |
| Death rate: Ischaemic heart disease | 30 | 136 | 365 | 548 | 1,248 | 152 |
| Death rate attributable to tobacco | 4 | 3 | 12 | 15 | 43 | 6 |
| Proportion of deaths attributable to tobacco (%) | 14 | 2 | 3 | 3 | 3 | 4 |
| Death rate: Cerebrovascular disease | 26 | 77 | 313 | 754 | 2,024 | 154 |
| Death rate attributable to tobacco | 6 | 3 | 6 | 19 | 11 | 6 |
| Proportion of deaths attributable to tobacco (%) | 23 | 4 | 2 | 3 | 1 | 4 |
| Death rate: Other cardiovascular diseases | 18 | 73 | 263 | 982 | 2,850 | 172 |
| Death rate attributable to tobacco | 4 | 3 | 8 | 29 | 140 | 8 |
| Proportion of deaths attributable to tobacco (%) | 24 | 4 | 3 | 3 | 5 | 5 |
| Death rate: Respiratory diseases | 10 | 39 | 158 | 421 | 1,086 | 80 |
| Death rate attributable to tobacco | 2 | 3 | 34 | 136 | 664 | 26 |
| Proportion of deaths attributable to tobacco (%) | 23 | 7 | 21 | 32 | 61 | 33 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 29 | 142 | 389 | 951 | 67 |
| Death rate attributable to tobacco | 2 | 3 | 33 | 134 | 641 | 25 |
| Proportion of deaths attributable to tobacco (%) | 52 | 9 | 23 | 34 | 67 | 38 |
| Death rate: Other respiratory diseases | 7 | 10 | 16 | 32 | 135 | 13 |
| Death rate attributable to tobacco | 1 | 0 | 1 | 2 | 23 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 1 | 3 | 6 | 17 | 8 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 273 | 741 | 2,392 | 5,802 | 16,762 | 1,152 | 207 | 611 | 1,673 | 4,399 | 11,969 | 1,054 |
| Death rate attributable to tobacco | 13 | 6 | 164 | 473 | 1,792 | 75 | 30 | 21 | - | 98 | 968 | 52 |
| Proportion of deaths attributable to tobacco (%) | 5 | 1 | 7 | 8 | 11 | 6 | 15 | 4 | - | 2 | 8 | 5 |
| <u>Death rate: Communicable diseases</u> | 46 | 109 | 294 | 992 | 2,865 | 178 | 36 | 96 | 309 | 912 | 2,480 | 202 |
| Death rate attributable to tobacco | 0 | 0 | 6 | 27 | 167 | 4 | 3 | 0 | - | 6 | 110 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 0 | 2 | 3 | 6 | 2 | 8 | 0 | - | 1 | 4 | 2 |
| <i>Death rate: Tuberculosis</i> | 1 | 7 | 22 | 33 | 36 | 7 | 1 | 2 | 4 | 9 | 15 | 3 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 2 | 5 | 0 | 0 | 0 | - | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 0 | 3 | 5 | 13 | 3 | 16 | 1 | - | 1 | 9 | 6 |
| <i>Death rate: Lower respiratory infections</i> | 9 | 33 | 113 | 353 | 901 | 57 | 10 | 17 | 44 | 246 | 647 | 47 |
| Death rate attributable to tobacco | 0 | 0 | 5 | 25 | 163 | 4 | 3 | 0 | - | 6 | 104 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 0 | 5 | 7 | 18 | 7 | 27 | 3 | - | 2 | 16 | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 182 | 599 | 2,035 | 4,762 | 13,759 | 929 | 157 | 502 | 1,351 | 3,443 | 9,368 | 834 |
| Death rate attributable to tobacco | 13 | 6 | 158 | 447 | 1,625 | 70 | 27 | 21 | - | 92 | 858 | 47 |
| Proportion of deaths attributable to tobacco (%) | 7 | 1 | 8 | 9 | 12 | 8 | 17 | 4 | - | 3 | 9 | 6 |
| <i>Death rate: All malignant neoplasms</i> | 18 | 56 | 209 | 457 | 1,321 | 91 | 54 | 124 | 195 | 322 | 875 | 128 |
| Death rate attributable to tobacco | 1 | 1 | 32 | 103 | 419 | 15 | 5 | 3 | - | 8 | 94 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 1 | 15 | 23 | 32 | 17 | 9 | 2 | - | 3 | 11 | 5 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 8 | 43 | 111 | 322 | 18 | 4 | 8 | 16 | 36 | 99 | 11 |
| Death rate attributable to tobacco | 0 | 1 | 26 | 80 | 279 | 11 | 2 | 2 | - | 7 | 59 | 4 |
| Proportion of deaths attributable to tobacco (%) | 12 | 7 | 60 | 72 | 87 | 60 | 60 | 19 | - | 18 | 59 | 32 |
| <i>Death rate: All other malignant neoplasms</i> | 16 | 48 | 165 | 346 | 999 | 72 | 50 | 115 | 179 | 285 | 776 | 117 |
| Death rate attributable to tobacco | 1 | 0 | 6 | 23 | 139 | 4 | 3 | 1 | - | 2 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 0 | 4 | 7 | 14 | 6 | 5 | 1 | - | 1 | 5 | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 103 | 358 | 1,129 | 2,654 | 7,669 | 525 | 44 | 212 | 754 | 1,966 | 5,348 | 429 |
| Death rate attributable to tobacco | 11 | 4 | 54 | 99 | 108 | 20 | 18 | 14 | - | 31 | 236 | 21 |
| Proportion of deaths attributable to tobacco (%) | 11 | 1 | 5 | 4 | 1 | 4 | 41 | 7 | - | 2 | 4 | 5 |
| <i>Death rate: Ischaemic heart disease</i> | 53 | 213 | 533 | 752 | 1,933 | 216 | 5 | 56 | 197 | 373 | 905 | 88 |
| Death rate attributable to tobacco | 7 | 2 | 24 | 27 | 25 | 8 | 2 | 3 | - | 5 | 52 | 3 |
| Proportion of deaths attributable to tobacco (%) | 12 | 1 | 5 | 4 | 1 | 4 | 28 | 6 | - | 1 | 6 | 4 |
| <i>Death rate: Cerebrovascular disease</i> | 33 | 71 | 288 | 869 | 2,511 | 148 | 18 | 84 | 338 | 655 | 1,781 | 159 |
| Death rate attributable to tobacco | 2 | 1 | 13 | 27 | 32 | 5 | 10 | 6 | - | 12 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 6 | 1 | 4 | 3 | 1 | 3 | 53 | 7 | - | 2 | - | 5 |
| <i>Death rate: Other cardiovascular diseases</i> | 17 | 75 | 308 | 1,033 | 3,225 | 161 | 20 | 71 | 219 | 938 | 2,662 | 182 |
| Death rate attributable to tobacco | 3 | 1 | 17 | 45 | 51 | 7 | 6 | 5 | - | 15 | 184 | 10 |
| Proportion of deaths attributable to tobacco (%) | 15 | 1 | 5 | 4 | 2 | 4 | 33 | 7 | - | 2 | 7 | 6 |
| <u>Death rate: Respiratory diseases</u> | 12 | 51 | 214 | 562 | 1,624 | 96 | 8 | 28 | 101 | 301 | 818 | 63 |
| Death rate attributable to tobacco | 1 | 2 | 68 | 235 | 1,028 | 34 | 4 | 4 | - | 51 | 482 | 18 |
| Proportion of deaths attributable to tobacco (%) | 8 | 3 | 32 | 42 | 63 | 35 | 47 | 15 | - | 17 | 59 | 29 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 38 | 192 | 513 | 1,398 | 79 | 3 | 20 | 91 | 283 | 728 | 54 |
| Death rate attributable to tobacco | 1 | 2 | 67 | 232 | 987 | 33 | 3 | 4 | - | 50 | 468 | 17 |
| Proportion of deaths attributable to tobacco (%) | 23 | 4 | 35 | 45 | 71 | 41 | 78 | 19 | - | 18 | 64 | 32 |
| <i>Death rate: Other respiratory diseases</i> | 9 | 12 | 22 | 49 | 226 | 16 | 5 | 8 | 10 | 18 | 90 | 9 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 3 | 41 | 1 | 1 | 0 | - | 0 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 0 | 5 | 7 | 18 | 6 | 27 | 3 | - | 2 | 16 | 12 |

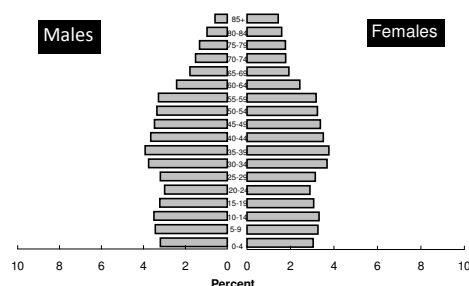
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Norway

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 900 | 863 | 1,763 |
| 30-44 | 523 | 505 | 1,027 |
| 45-59 | 466 | 451 | 918 |
| 60-69 | 194 | 201 | 394 |
| 70-79 | 131 | 163 | 294 |
| 80+ | 72 | 140 | 212 |
| Total | 2,286 | 2,323 | 4,609 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1273 per 100,000 population) was about 16.3 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 13% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 256 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 73 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 14% of all tuberculosis deaths.

- The death rate due to tobacco in men was (245 per 100,000 men aged 30 years and over) compared with women (176 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 13% for women.

- Among those who died prematurely, almost one in every 34 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 23.2% of those whose death was due to a lower respiratory infection, 41.1% of deaths due to the category of 'all cardiovascular diseases combined', and 80.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 102 | 362 | 1,118 | 3,204 | 10,576 | 1,427 |
| Death rate attributable to tobacco | 3 | 81 | 318 | 721 | 851 | 209 |
| Proportion of deaths attributable to tobacco (%) | 3 | 22 | 28 | 23 | 8 | 15 |
| Death rate: Communicable diseases | 2 | 7 | 18 | 105 | 827 | 78 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 18 | 109 | 10 |
| Proportion of deaths attributable to tobacco (%) | 1 | 8 | 11 | 17 | 13 | 13 |
| Death rate: Tuberculosis | - | 0 | - | 5 | 14 | 2 |
| Death rate attributable to tobacco | - | 0 | - | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 17 | | 19 | 11 | 14 |
| Death rate: Lower respiratory infections | 0 | 2 | 8 | 62 | 605 | 53 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 17 | 107 | 10 |
| Proportion of deaths attributable to tobacco (%) | 4 | 23 | 25 | 28 | 18 | 19 |
| Death rate: Noncommunicable diseases | 54 | 308 | 1,044 | 3,010 | 9,393 | 1,273 |
| Death rate attributable to tobacco | 3 | 81 | 316 | 703 | 742 | 199 |
| Proportion of deaths attributable to tobacco (%) | 6 | 26 | 30 | 23 | 8 | 16 |
| Death rate: All malignant neoplasms | 26 | 159 | 541 | 1,164 | 1,837 | 393 |
| Death rate attributable to tobacco | 1 | 39 | 176 | 318 | 257 | 89 |
| Proportion of deaths attributable to tobacco (%) | 3 | 25 | 33 | 27 | 14 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 35 | 148 | 255 | 188 | 73 |
| Death rate attributable to tobacco | 0 | 28 | 131 | 225 | 147 | 62 |
| Proportion of deaths attributable to tobacco (%) | 19 | 80 | 89 | 88 | 78 | 84 |
| Death rate: All other malignant neoplasms | 24 | 123 | 393 | 909 | 1,649 | 319 |
| Death rate attributable to tobacco | 0 | 11 | 45 | 93 | 110 | 28 |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 11 | 10 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 14 | 81 | 305 | 1,186 | 5,149 | 579 |
| Death rate attributable to tobacco | 2 | 33 | 90 | 217 | 181 | 60 |
| Proportion of deaths attributable to tobacco (%) | 16 | 41 | 29 | 18 | 4 | 10 |
| Death rate: Ischaemic heart disease | 6 | 46 | 167 | 574 | 2,102 | 256 |
| Death rate attributable to tobacco | 1 | 17 | 44 | 93 | 81 | 28 |
| Proportion of deaths attributable to tobacco (%) | 17 | 38 | 27 | 16 | 4 | 11 |
| Death rate: Cerebrovascular disease | 4 | 15 | 61 | 293 | 1,269 | 139 |
| Death rate attributable to tobacco | 0 | 7 | 19 | 58 | 7 | 11 |
| Proportion of deaths attributable to tobacco (%) | 12 | 45 | 31 | 20 | 1 | 8 |
| Death rate: Other cardiovascular diseases | 4 | 20 | 77 | 319 | 1,777 | 184 |
| Death rate attributable to tobacco | 1 | 9 | 26 | 67 | 93 | 21 |
| Proportion of deaths attributable to tobacco (%) | 18 | 45 | 34 | 21 | 5 | 11 |
| Death rate: Respiratory diseases | 1 | 12 | 70 | 227 | 504 | 75 |
| Death rate attributable to tobacco | 0 | 7 | 48 | 160 | 290 | 47 |
| Proportion of deaths attributable to tobacco (%) | 11 | 62 | 69 | 71 | 57 | 63 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 9 | 56 | 188 | 390 | 59 |
| Death rate attributable to tobacco | 0 | 7 | 44 | 149 | 270 | 44 |
| Proportion of deaths attributable to tobacco (%) | 33 | 76 | 80 | 80 | 69 | 74 |
| Death rate: Other respiratory diseases | 0 | 3 | 14 | 39 | 114 | 16 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 11 | 20 | 3 |
| Proportion of deaths attributable to tobacco (%) | 6 | 23 | 27 | 28 | 18 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 133 | 436 | 1,428 | 4,108 | 12,931 | 1,456 | 71 | 286 | 818 | 2,480 | 9,365 | 1,399 |
| Death rate attributable to tobacco | 5 | 102 | 400 | 899 | 1,305 | 245 | 1 | 60 | 239 | 578 | 617 | 176 |
| Proportion of deaths attributable to tobacco (%) | 3 | 23 | 28 | 22 | 10 | 17 | 2 | 21 | 29 | 23 | 7 | 13 |
| <u>Death rate: Communicable diseases</u> | 3 | 8 | 24 | 137 | 1,005 | 72 | 1 | 6 | 12 | 78 | 736 | 83 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 20 | 154 | 11 | - | 1 | 1 | 17 | 86 | 10 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 14 | 15 | 15 | 15 | - | 10 | 6 | 21 | 12 | 12 |
| <i>Death rate: Tuberculosis</i> | - | - | - | 6 | 15 | 1 | - | 0 | - | 4 | 14 | 2 |
| Death rate attributable to tobacco | - | - | - | 1 | 2 | 0 | - | 0 | - | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | | | | 18 | 15 | 16 | | 17 | | 20 | 9 | 12 |
| <i>Death rate: Lower respiratory infections</i> | 0 | 3 | 14 | 80 | 744 | 49 | - | 2 | 2 | 47 | 534 | 57 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 19 | 150 | 10 | - | 1 | 1 | 15 | 84 | 10 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 24 | 24 | 20 | 21 | | 28 | 34 | 33 | 16 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 63 | 365 | 1,327 | 3,844 | 11,472 | 1,291 | 44 | 248 | 771 | 2,343 | 8,325 | 1,257 |
| Death rate attributable to tobacco | 5 | 101 | 397 | 879 | 1,152 | 234 | 1 | 59 | 238 | 562 | 531 | 165 |
| Proportion of deaths attributable to tobacco (%) | 7 | 28 | 30 | 23 | 10 | 18 | 3 | 24 | 31 | 24 | 6 | 13 |
| <i>Death rate: All malignant neoplasms</i> | 23 | 153 | 623 | 1,520 | 2,804 | 436 | 28 | 165 | 462 | 879 | 1,340 | 351 |
| Death rate attributable to tobacco | 1 | 47 | 230 | 474 | 537 | 121 | 1 | 31 | 124 | 194 | 113 | 60 |
| Proportion of deaths attributable to tobacco (%) | 4 | 31 | 37 | 31 | 19 | 28 | 3 | 19 | 27 | 22 | 8 | 17 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 40 | 183 | 360 | 363 | 93 | 2 | 31 | 115 | 171 | 98 | 55 |
| Death rate attributable to tobacco | 0 | 33 | 165 | 329 | 321 | 82 | 0 | 24 | 98 | 142 | 58 | 42 |
| Proportion of deaths attributable to tobacco (%) | 17 | 82 | 91 | 91 | 88 | 89 | 21 | 78 | 86 | 83 | 59 | 78 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 113 | 440 | 1,160 | 2,441 | 344 | 26 | 134 | 348 | 708 | 1,242 | 296 |
| Death rate attributable to tobacco | 1 | 15 | 65 | 145 | 216 | 39 | 0 | 7 | 26 | 52 | 56 | 17 |
| Proportion of deaths attributable to tobacco (%) | 3 | 13 | 15 | 12 | 9 | 11 | 1 | 5 | 7 | 7 | 4 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 21 | 120 | 451 | 1,564 | 5,891 | 565 | 6 | 40 | 165 | 884 | 4,767 | 592 |
| Death rate attributable to tobacco | 4 | 46 | 110 | 214 | 95 | 57 | 1 | 20 | 70 | 220 | 225 | 62 |
| Proportion of deaths attributable to tobacco (%) | 17 | 38 | 24 | 14 | 2 | 10 | 11 | 51 | 42 | 25 | 5 | 11 |
| <i>Death rate: Ischaemic heart disease</i> | 11 | 76 | 270 | 830 | 2,646 | 283 | 1 | 15 | 68 | 369 | 1,822 | 230 |
| Death rate attributable to tobacco | 2 | 28 | 63 | 109 | 39 | 31 | 0 | 7 | 27 | 80 | 102 | 25 |
| Proportion of deaths attributable to tobacco (%) | 18 | 36 | 23 | 13 | 1 | 11 | 6 | 47 | 39 | 22 | 6 | 11 |
| <i>Death rate: Cerebrovascular disease</i> | 5 | 16 | 75 | 342 | 1,330 | 119 | 2 | 14 | 48 | 254 | 1,238 | 159 |
| Death rate attributable to tobacco | 0 | 6 | 17 | 40 | 20 | 9 | 0 | 8 | 21 | 71 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 9 | 37 | 23 | 12 | 1 | 8 | 16 | 54 | 44 | 28 | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 5 | 29 | 105 | 392 | 1,915 | 163 | 2 | 11 | 50 | 260 | 1,706 | 203 |
| Death rate attributable to tobacco | 1 | 12 | 30 | 64 | 37 | 17 | 0 | 6 | 23 | 69 | 122 | 24 |
| Proportion of deaths attributable to tobacco (%) | 23 | 42 | 28 | 16 | 2 | 10 | 8 | 53 | 46 | 26 | 7 | 12 |
| <u>Death rate: Respiratory diseases</u> | 0 | 13 | 82 | 273 | 789 | 83 | 1 | 11 | 57 | 190 | 358 | 67 |
| Death rate attributable to tobacco | 0 | 7 | 53 | 184 | 498 | 53 | 0 | 7 | 43 | 141 | 183 | 41 |
| Proportion of deaths attributable to tobacco (%) | 17 | 58 | 65 | 68 | 63 | 64 | 6 | 67 | 75 | 74 | 51 | 62 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 9 | 63 | 224 | 638 | 66 | - | 8 | 48 | 159 | 263 | 52 |
| Death rate attributable to tobacco | 0 | 7 | 49 | 173 | 468 | 50 | - | 6 | 40 | 131 | 168 | 38 |
| Proportion of deaths attributable to tobacco (%) | 33 | 73 | 77 | 77 | 73 | 75 | | 78 | 83 | 82 | 64 | 73 |
| <i>Death rate: Other respiratory diseases</i> | 0 | 4 | 19 | 49 | 151 | 16 | 1 | 3 | 9 | 31 | 95 | 15 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 12 | 30 | 4 | 0 | 1 | 3 | 10 | 15 | 3 |
| Proportion of deaths attributable to tobacco (%) | 4 | 20 | 24 | 24 | 20 | 22 | 6 | 28 | 34 | 33 | 16 | 22 |

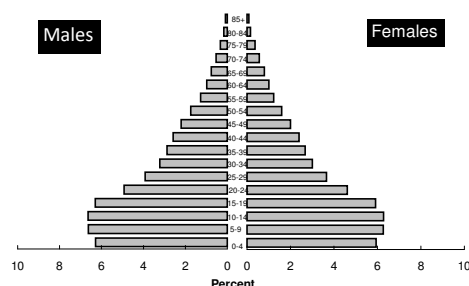
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Pakistan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 53,876 | 50,751 | 104,627 |
| 30-44 | 13,487 | 12,550 | 26,037 |
| 45-59 | 8,098 | 7,489 | 15,587 |
| 60-69 | 2,722 | 2,800 | 5,522 |
| 70-79 | 1,337 | 1,446 | 2,783 |
| 80+ | 396 | 380 | 776 |
| Total | 79,917 | 75,416 | 155,333 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1018 per 100,000 population) was about 3.1 times that for communicable diseases (327 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 323 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 22 deaths per 100,000 population but with 71% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (232 per 100,000 men aged 30 years and over) compared with women (19 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 15% for men and 1% for women.

- Among those who died prematurely, almost one in every 74 deaths among those aged 30-44 and one in 11 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 7.4% of those whose death was due to a lower respiratory infection, 12.5% of deaths due to the category of 'all cardiovascular diseases combined', and 57.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 341 | 982 | 2,874 | 7,182 | 18,048 | 1,461 |
| Death rate attributable to tobacco | 5 | 93 | 395 | 571 | 1,508 | 128 |
| Proportion of deaths attributable to tobacco (%) | 1 | 9 | 14 | 8 | 8 | 9 |
| Death rate: Communicable diseases | 154 | 210 | 512 | 1,275 | 3,747 | 327 |
| Death rate attributable to tobacco | 0 | 6 | 42 | 72 | 295 | 15 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 8 | 6 | 8 | 5 |
| Death rate: Tuberculosis | 53 | 96 | 202 | 193 | 158 | 92 |
| Death rate attributable to tobacco | 0 | 4 | 14 | 10 | 14 | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 7 | 5 | 9 | 4 |
| Death rate: Lower respiratory infections | 17 | 27 | 257 | 811 | 2,249 | 124 |
| Death rate attributable to tobacco | 0 | 2 | 28 | 62 | 278 | 11 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 11 | 8 | 12 | 9 |
| Death rate: Noncommunicable diseases | 118 | 671 | 2,210 | 5,579 | 13,346 | 1,018 |
| Death rate attributable to tobacco | 4 | 87 | 353 | 499 | 1,214 | 113 |
| Proportion of deaths attributable to tobacco (%) | 4 | 13 | 16 | 9 | 9 | 11 |
| Death rate: All malignant neoplasms | 23 | 107 | 391 | 666 | 1,804 | 151 |
| Death rate attributable to tobacco | 2 | 19 | 122 | 180 | 480 | 37 |
| Proportion of deaths attributable to tobacco (%) | 7 | 17 | 31 | 27 | 27 | 24 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 13 | 72 | 110 | 211 | 22 |
| Death rate attributable to tobacco | 0 | 7 | 56 | 81 | 170 | 15 |
| Proportion of deaths attributable to tobacco (%) | 5 | 58 | 78 | 73 | 80 | 71 |
| Death rate: All other malignant neoplasms | 22 | 94 | 319 | 556 | 1,593 | 130 |
| Death rate attributable to tobacco | 1 | 11 | 66 | 99 | 311 | 22 |
| Proportion of deaths attributable to tobacco (%) | 7 | 12 | 21 | 18 | 19 | 17 |
| Death rate: All Cardiovascular diseases | 45 | 323 | 1,324 | 3,514 | 8,231 | 585 |
| Death rate attributable to tobacco | 2 | 40 | 125 | 124 | 101 | 35 |
| Proportion of deaths attributable to tobacco (%) | 5 | 13 | 9 | 4 | 1 | 6 |
| Death rate: Ischaemic heart disease | 26 | 199 | 761 | 1,861 | 4,150 | 323 |
| Death rate attributable to tobacco | 1 | 26 | 73 | 71 | 56 | 21 |
| Proportion of deaths attributable to tobacco (%) | 5 | 13 | 10 | 4 | 1 | 7 |
| Death rate: Cerebrovascular disease | 5 | 69 | 387 | 1,096 | 2,595 | 166 |
| Death rate attributable to tobacco | 0 | 8 | 35 | 34 | 19 | 9 |
| Proportion of deaths attributable to tobacco (%) | 2 | 12 | 9 | 3 | 1 | 5 |
| Death rate: Other cardiovascular diseases | 14 | 55 | 175 | 557 | 1,486 | 96 |
| Death rate attributable to tobacco | 1 | 6 | 17 | 20 | 25 | 6 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 10 | 4 | 2 | 6 |
| Death rate: Respiratory diseases | 12 | 112 | 259 | 625 | 1,319 | 123 |
| Death rate attributable to tobacco | 0 | 28 | 103 | 189 | 599 | 40 |
| Proportion of deaths attributable to tobacco (%) | 4 | 25 | 40 | 30 | 45 | 32 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 90 | 234 | 545 | 1,131 | 103 |
| Death rate attributable to tobacco | 0 | 27 | 100 | 183 | 574 | 38 |
| Proportion of deaths attributable to tobacco (%) | 8 | 30 | 43 | 34 | 51 | 37 |
| Death rate: Other respiratory diseases | 8 | 21 | 25 | 80 | 188 | 21 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 6 | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 10 | 7 | 13 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 341 | 1,080 | 3,221 | 7,657 | 19,104 | 1,533 | 341 | 877 | 2,536 | 6,743 | 16,949 | 1,384 |
| Death rate attributable to tobacco | 8 | 173 | 774 | 1,135 | 2,322 | 232 | 1 | 6 | 25 | 50 | 662 | 19 |
| Proportion of deaths attributable to tobacco (%) | 2 | 16 | 24 | 15 | 12 | 15 | 0 | 1 | 1 | 1 | 4 | 1 |
| <u>Death rate: Communicable diseases</u> | 147 | 246 | 591 | 1,394 | 3,889 | 345 | 162 | 170 | 434 | 1,164 | 3,600 | 307 |
| Death rate attributable to tobacco | 1 | 11 | 85 | 150 | 499 | 28 | - | - | - | - | 82 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 14 | 11 | 13 | 8 | - | - | - | - | 2 | 0 |
| <i>Death rate: Tuberculosis</i> | 54 | 96 | 227 | 209 | 166 | 95 | 52 | 95 | 178 | 179 | 149 | 88 |
| Death rate attributable to tobacco | 1 | 7 | 29 | 21 | 25 | 7 | - | - | - | - | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 13 | 10 | 15 | 7 | - | - | - | - | 2 | 0 |
| <i>Death rate: Lower respiratory infections</i> | 11 | 39 | 318 | 940 | 2,317 | 134 | 24 | 14 | 198 | 692 | 2,178 | 113 |
| Death rate attributable to tobacco | 0 | 4 | 56 | 129 | 469 | 21 | - | - | - | - | 79 | 1 |
| Proportion of deaths attributable to tobacco (%) | 2 | 10 | 18 | 14 | 20 | 16 | - | - | - | - | 4 | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 125 | 732 | 2,469 | 5,906 | 14,158 | 1,069 | 111 | 605 | 1,957 | 5,277 | 12,501 | 965 |
| Death rate attributable to tobacco | 7 | 162 | 689 | 985 | 1,823 | 204 | 1 | 6 | 25 | 50 | 579 | 17 |
| Proportion of deaths attributable to tobacco (%) | 6 | 22 | 28 | 17 | 13 | 19 | 1 | 1 | 1 | 1 | 5 | 2 |
| <i>Death rate: All malignant neoplasms</i> | 20 | 93 | 449 | 760 | 1,788 | 152 | 27 | 122 | 334 | 579 | 1,821 | 151 |
| Death rate attributable to tobacco | 2 | 30 | 221 | 320 | 738 | 61 | 1 | 6 | 25 | 50 | 212 | 12 |
| Proportion of deaths attributable to tobacco (%) | 9 | 32 | 49 | 42 | 41 | 40 | 5 | 5 | 8 | 9 | 12 | 8 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 21 | 131 | 199 | 364 | 37 | 1 | 4 | 14 | 27 | 52 | 6 |
| Death rate attributable to tobacco | 0 | 14 | 113 | 168 | 322 | 30 | - | - | - | - | 12 | 0 |
| Proportion of deaths attributable to tobacco (%) | 8 | 67 | 87 | 84 | 88 | 81 | - | - | - | - | 22 | 3 |
| <i>Death rate: All other malignant neoplasms</i> | 18 | 71 | 318 | 561 | 1,424 | 115 | 26 | 119 | 320 | 552 | 1,769 | 145 |
| Death rate attributable to tobacco | 2 | 15 | 108 | 152 | 416 | 31 | 1 | 6 | 25 | 50 | 201 | 12 |
| Proportion of deaths attributable to tobacco (%) | 10 | 22 | 34 | 27 | 29 | 27 | 5 | 5 | 8 | 9 | 11 | 8 |
| <i>Death rate: All Cardiovascular diseases</i> | 48 | 377 | 1,443 | 3,597 | 8,653 | 609 | 41 | 265 | 1,209 | 3,438 | 7,791 | 560 |
| Death rate attributable to tobacco | 4 | 78 | 253 | 258 | 133 | 68 | - | - | - | - | 67 | 1 |
| Proportion of deaths attributable to tobacco (%) | 9 | 21 | 18 | 7 | 2 | 11 | - | - | - | - | 1 | 0 |
| <i>Death rate: Ischaemic heart disease</i> | 29 | 248 | 862 | 2,051 | 4,764 | 360 | 24 | 146 | 663 | 1,686 | 3,511 | 285 |
| Death rate attributable to tobacco | 2 | 50 | 148 | 147 | 70 | 41 | - | - | - | - | 42 | 1 |
| Proportion of deaths attributable to tobacco (%) | 8 | 20 | 17 | 7 | 1 | 11 | - | - | - | - | 1 | 0 |
| <i>Death rate: Cerebrovascular disease</i> | 5 | 77 | 415 | 1,096 | 2,573 | 166 | 4 | 60 | 360 | 1,096 | 2,617 | 166 |
| Death rate attributable to tobacco | 0 | 16 | 71 | 70 | 38 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 21 | 17 | 6 | 1 | 10 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 14 | 51 | 166 | 450 | 1,316 | 84 | 13 | 59 | 185 | 657 | 1,663 | 110 |
| Death rate attributable to tobacco | 2 | 12 | 35 | 41 | 25 | 11 | - | - | - | - | 25 | 0 |
| Proportion of deaths attributable to tobacco (%) | 11 | 24 | 21 | 9 | 2 | 13 | - | - | - | - | 2 | 0 |
| <u>Death rate: Respiratory diseases</u> | 11 | 115 | 320 | 693 | 1,363 | 131 | 13 | 108 | 201 | 563 | 1,274 | 115 |
| Death rate attributable to tobacco | 1 | 53 | 208 | 394 | 889 | 73 | - | - | - | - | 296 | 5 |
| Proportion of deaths attributable to tobacco (%) | 8 | 46 | 65 | 57 | 65 | 55 | - | - | - | - | 23 | 4 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 4 | 94 | 291 | 602 | 1,153 | 110 | 5 | 86 | 178 | 493 | 1,108 | 95 |
| Death rate attributable to tobacco | 1 | 51 | 204 | 381 | 847 | 70 | - | - | - | - | 290 | 4 |
| Proportion of deaths attributable to tobacco (%) | 17 | 54 | 70 | 63 | 73 | 63 | - | - | - | - | 26 | 5 |
| <i>Death rate: Other respiratory diseases</i> | 7 | 21 | 28 | 91 | 209 | 21 | 8 | 22 | 23 | 70 | 166 | 20 |
| Death rate attributable to tobacco | 0 | 2 | 5 | 12 | 42 | 3 | - | - | - | - | 6 | 0 |
| Proportion of deaths attributable to tobacco (%) | 2 | 10 | 18 | 14 | 20 | 12 | - | - | - | - | 4 | 0 |

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

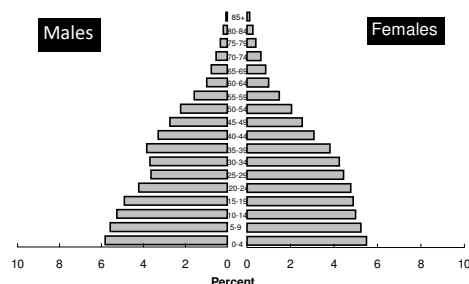
Note 4: For additional discussion on smokeless tobacco please refer to strengths and limitations section of the Technical Note

Palau

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 6 | 6 | 12 |
| 30-44 | 2 | 2 | 4 |
| 45-59 | 1 | 1 | 3 |
| 60-69 | 0 | 0 | 1 |
| 70-79 | 0 | 0 | 0 |
| 80+ | 0 | 0 | 0 |
| Total | 10 | 10 | 20 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1014 per 100,000 population) was about 4.8 times that for communicable diseases (210 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 185 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 17 deaths per 100,000 population but with 61% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (107 per 100,000 men aged 30 years and over) compared with women (112 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 8% for men and 9% for women.

- Among those who died prematurely, almost one in every 10 deaths among those aged 30-44 and one in 13 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.7% of those whose death was due to a lower respiratory infection, 12.8% of deaths due to the category of 'all cardiovascular diseases combined', and 42% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 282 | 1,019 | 3,846 | 5,937 | 10,823 | 1,260 |
| Death rate attributable to tobacco | 27 | 81 | 409 | 418 | 855 | 109 |
| Proportion of deaths attributable to tobacco (%) | 10 | 8 | 11 | 7 | 8 | 9 |
| Death rate: Communicable diseases | 48 | 153 | 579 | 1,105 | 2,078 | 210 |
| Death rate attributable to tobacco | 2 | 2 | 14 | 29 | 99 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 1 | 2 | 3 | 5 | 3 |
| Death rate: Tuberculosis | 2 | 11 | 57 | 170 | 281 | 22 |
| Death rate attributable to tobacco | 0 | 0 | 4 | 7 | 22 | 1 |
| Proportion of deaths attributable to tobacco (%) | 8 | 2 | 6 | 4 | 8 | 5 |
| Death rate: Lower respiratory infections | 9 | 24 | 107 | 327 | 595 | 46 |
| Death rate attributable to tobacco | 2 | 1 | 10 | 22 | 76 | 5 |
| Proportion of deaths attributable to tobacco (%) | 23 | 6 | 9 | 7 | 13 | 10 |
| Death rate: Noncommunicable diseases | 203 | 835 | 3,197 | 4,778 | 8,643 | 1,014 |
| Death rate attributable to tobacco | 25 | 80 | 395 | 389 | 756 | 103 |
| Proportion of deaths attributable to tobacco (%) | 12 | 10 | 12 | 8 | 9 | 10 |
| Death rate: All malignant neoplasms | 48 | 137 | 383 | 454 | 817 | 136 |
| Death rate attributable to tobacco | 5 | 8 | 55 | 75 | 141 | 16 |
| Proportion of deaths attributable to tobacco (%) | 10 | 6 | 14 | 17 | 17 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 12 | 55 | 87 | 139 | 17 |
| Death rate attributable to tobacco | 2 | 5 | 38 | 56 | 98 | 10 |
| Proportion of deaths attributable to tobacco (%) | 57 | 42 | 69 | 65 | 70 | 61 |
| Death rate: All other malignant neoplasms | 44 | 125 | 329 | 367 | 678 | 120 |
| Death rate attributable to tobacco | 3 | 3 | 17 | 19 | 43 | 6 |
| Proportion of deaths attributable to tobacco (%) | 6 | 3 | 5 | 5 | 6 | 5 |
| Death rate: All Cardiovascular diseases | 83 | 429 | 1,781 | 2,690 | 4,884 | 540 |
| Death rate attributable to tobacco | 16 | 55 | 191 | 104 | 117 | 49 |
| Proportion of deaths attributable to tobacco (%) | 20 | 13 | 11 | 4 | 2 | 9 |
| Death rate: Ischaemic heart disease | 31 | 198 | 680 | 659 | 998 | 185 |
| Death rate attributable to tobacco | 2 | 18 | 67 | 26 | 26 | 14 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 10 | 4 | 3 | 8 |
| Death rate: Cerebrovascular disease | 29 | 118 | 609 | 887 | 1,615 | 174 |
| Death rate attributable to tobacco | 9 | 20 | 66 | 31 | 6 | 18 |
| Proportion of deaths attributable to tobacco (%) | 30 | 17 | 11 | 3 | 0 | 10 |
| Death rate: Other cardiovascular diseases | 23 | 113 | 492 | 1,144 | 2,271 | 181 |
| Death rate attributable to tobacco | 6 | 18 | 58 | 47 | 86 | 17 |
| Proportion of deaths attributable to tobacco (%) | 27 | 16 | 12 | 4 | 4 | 10 |
| Death rate: Respiratory diseases | 12 | 58 | 289 | 504 | 869 | 87 |
| Death rate attributable to tobacco | 3 | 15 | 136 | 201 | 467 | 35 |
| Proportion of deaths attributable to tobacco (%) | 29 | 26 | 47 | 40 | 54 | 40 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 44 | 259 | 465 | 764 | 73 |
| Death rate attributable to tobacco | 2 | 14 | 133 | 198 | 454 | 34 |
| Proportion of deaths attributable to tobacco (%) | 51 | 32 | 51 | 43 | 59 | 46 |
| Death rate: Other respiratory diseases | 8 | 14 | 29 | 39 | 105 | 15 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 3 | 13 | 2 |
| Proportion of deaths attributable to tobacco (%) | 17 | 6 | 9 | 8 | 13 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 273 | 1,029 | 4,394 | 7,573 | 11,417 | 1,328 | 291 | 1,009 | 3,334 | 4,576 | 10,432 | 1,192 |
| Death rate attributable to tobacco | - | 48 | 527 | 772 | 1,022 | 107 | 54 | 118 | 298 | 124 | 745 | 112 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 12 | 10 | 9 | 8 | 18 | 12 | 9 | 3 | 7 | 9 |
| <u>Death rate: Communicable diseases</u> | 45 | 150 | 537 | 1,294 | 1,951 | 200 | 51 | 156 | 618 | 948 | 2,162 | 219 |
| Death rate attributable to tobacco | - | 1 | 20 | 53 | 100 | 6 | 4 | 2 | 8 | 9 | 98 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 4 | 5 | 3 | 8 | 2 | 1 | 1 | 5 | 3 |
| <i>Death rate: Tuberculosis</i> | 3 | 16 | 84 | 200 | 289 | 26 | 1 | 4 | 32 | 145 | 275 | 18 |
| Death rate attributable to tobacco | - | 0 | 6 | 14 | 25 | 2 | 0 | 0 | 1 | 2 | 20 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 7 | 9 | 6 | 24 | 5 | 4 | 1 | 7 | 5 |
| <i>Death rate: Lower respiratory infections</i> | 7 | 27 | 133 | 407 | 611 | 49 | 10 | 22 | 82 | 260 | 584 | 44 |
| Death rate attributable to tobacco | - | 1 | 14 | 40 | 75 | 4 | 4 | 2 | 6 | 7 | 76 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 10 | 10 | 12 | 8 | 38 | 10 | 8 | 3 | 13 | 12 |
| <u>Death rate: Noncommunicable diseases</u> | 184 | 837 | 3,740 | 6,216 | 9,371 | 1,078 | 222 | 833 | 2,689 | 3,581 | 8,165 | 950 |
| Death rate attributable to tobacco | - | 47 | 507 | 719 | 922 | 101 | 49 | 115 | 290 | 114 | 647 | 106 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 14 | 12 | 10 | 9 | 22 | 14 | 11 | 3 | 8 | 11 |
| <i>Death rate: All malignant neoplasms</i> | 18 | 77 | 382 | 597 | 900 | 105 | 77 | 201 | 384 | 334 | 762 | 168 |
| Death rate attributable to tobacco | - | 5 | 82 | 153 | 247 | 18 | 9 | 12 | 29 | 10 | 70 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 21 | 26 | 27 | 18 | 12 | 6 | 8 | 3 | 9 | 8 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 10 | 77 | 145 | 219 | 20 | 6 | 14 | 33 | 38 | 86 | 14 |
| Death rate attributable to tobacco | - | 3 | 60 | 114 | 177 | 13 | 4 | 7 | 17 | 8 | 46 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 78 | 79 | 81 | 68 | 71 | 50 | 50 | 21 | 53 | 51 |
| <i>Death rate: All other malignant neoplasms</i> | 16 | 67 | 305 | 452 | 681 | 85 | 72 | 187 | 351 | 297 | 676 | 154 |
| Death rate attributable to tobacco | - | 2 | 22 | 39 | 70 | 5 | 5 | 5 | 13 | 2 | 24 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 9 | 10 | 6 | 7 | 3 | 4 | 1 | 4 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 105 | 496 | 2,076 | 3,465 | 5,223 | 611 | 62 | 356 | 1,506 | 2,045 | 4,661 | 469 |
| Death rate attributable to tobacco | - | 29 | 216 | 181 | 47 | 36 | 32 | 83 | 168 | 39 | 163 | 63 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 10 | 5 | 1 | 6 | 52 | 23 | 11 | 2 | 4 | 13 |
| <i>Death rate: Ischaemic heart disease</i> | 55 | 293 | 986 | 982 | 1,316 | 268 | 8 | 95 | 394 | 389 | 789 | 103 |
| Death rate attributable to tobacco | - | 16 | 98 | 49 | 11 | 16 | 3 | 19 | 39 | 6 | 36 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 5 | 1 | 6 | 39 | 20 | 10 | 2 | 5 | 12 |
| <i>Death rate: Cerebrovascular disease</i> | 32 | 97 | 533 | 1,134 | 1,710 | 165 | 26 | 141 | 681 | 681 | 1,552 | 182 |
| Death rate attributable to tobacco | - | 5 | 52 | 50 | 14 | 9 | 17 | 35 | 79 | 15 | - | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 10 | 4 | 1 | 5 | 65 | 25 | 12 | 2 | - | 15 |
| <i>Death rate: Other cardiovascular diseases</i> | 18 | 106 | 558 | 1,348 | 2,197 | 178 | 27 | 120 | 431 | 974 | 2,320 | 184 |
| Death rate attributable to tobacco | - | 7 | 66 | 82 | 22 | 12 | 12 | 29 | 51 | 18 | 127 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 12 | 6 | 1 | 7 | 45 | 24 | 12 | 2 | 5 | 13 |
| <u>Death rate: Respiratory diseases</u> | 12 | 70 | 379 | 734 | 1,106 | 107 | 12 | 44 | 204 | 313 | 713 | 68 |
| Death rate attributable to tobacco | - | 12 | 191 | 368 | 596 | 44 | 7 | 18 | 84 | 62 | 382 | 27 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 50 | 50 | 54 | 41 | 57 | 40 | 41 | 20 | 54 | 40 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 3 | 55 | 339 | 669 | 959 | 90 | 5 | 32 | 185 | 294 | 635 | 56 |
| Death rate attributable to tobacco | - | 12 | 187 | 362 | 578 | 43 | 4 | 16 | 83 | 62 | 372 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 55 | 54 | 60 | 48 | 85 | 51 | 45 | 21 | 58 | 44 |
| <i>Death rate: Other respiratory diseases</i> | 9 | 15 | 40 | 64 | 147 | 18 | 7 | 12 | 19 | 18 | 77 | 12 |
| Death rate attributable to tobacco | - | 0 | 4 | 6 | 18 | 1 | 3 | 1 | 2 | 0 | 10 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 10 | 10 | 12 | 5 | 38 | 10 | 8 | 3 | 13 | 19 |

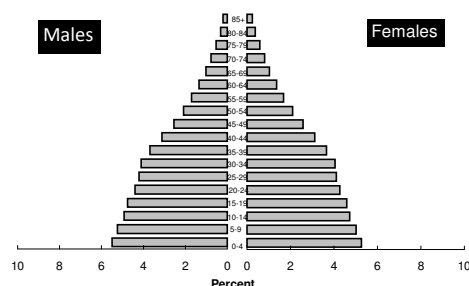
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Panama

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 921 | 888 | 1,809 |
| 30-44 | 347 | 344 | 690 |
| 45-59 | 201 | 202 | 403 |
| 60-69 | 75 | 76 | 151 |
| 70-79 | 41 | 44 | 86 |
| 80+ | 16 | 20 | 36 |
| Total | 1,602 | 1,573 | 3,175 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (698 per 100,000 population) was about 6.5 times that for communicable diseases (107 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 123 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 59% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (74 per 100,000 men aged 30 years and over) compared with women (22 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 8% for men and 3% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 189 | 448 | 1,322 | 3,350 | 10,620 | 866 |
| Death rate attributable to tobacco | - | 18 | 113 | 236 | 583 | 48 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 9 | 7 | 5 | 6 |
| Death rate: Communicable diseases | 74 | 75 | 90 | 249 | 820 | 107 |
| Death rate attributable to tobacco | - | 1 | 3 | 10 | 39 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 4 | 5 | 2 |
| Death rate: Tuberculosis | 3 | 6 | 11 | 17 | 23 | 6 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | 5 | 6 | 3 |
| Death rate: Lower respiratory infections | 4 | 15 | 26 | 131 | 473 | 30 |
| Death rate attributable to tobacco | - | 1 | 2 | 9 | 37 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 7 | 8 | 7 |
| Death rate: Noncommunicable diseases | 59 | 322 | 1,169 | 3,002 | 9,628 | 698 |
| Death rate attributable to tobacco | - | 18 | 110 | 226 | 544 | 46 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 9 | 8 | 6 | 7 |
| Death rate: All malignant neoplasms | 22 | 113 | 369 | 747 | 1,633 | 175 |
| Death rate attributable to tobacco | - | 7 | 50 | 81 | 147 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 14 | 11 | 9 | 10 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 11 | 51 | 84 | 121 | 18 |
| Death rate attributable to tobacco | - | 4 | 34 | 54 | 80 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 39 | 66 | 64 | 66 | 59 |
| Death rate: All other malignant neoplasms | 21 | 103 | 318 | 663 | 1,511 | 158 |
| Death rate attributable to tobacco | - | 3 | 17 | 27 | 66 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 4 | 4 | 4 |
| Death rate: All Cardiovascular diseases | 17 | 99 | 431 | 1,206 | 4,892 | 291 |
| Death rate attributable to tobacco | - | 8 | 37 | 50 | 40 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 9 | 4 | 1 | 4 |
| Death rate: Ischaemic heart disease | 4 | 51 | 214 | 554 | 1,803 | 123 |
| Death rate attributable to tobacco | - | 4 | 18 | 22 | 19 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 8 | 4 | 1 | 4 |
| Death rate: Cerebrovascular disease | 5 | 29 | 156 | 446 | 2,050 | 111 |
| Death rate attributable to tobacco | - | 2 | 13 | 19 | 7 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 4 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 8 | 19 | 61 | 206 | 1,039 | 57 |
| Death rate attributable to tobacco | - | 2 | 6 | 10 | 14 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 10 | 5 | 1 | 4 |
| Death rate: Respiratory diseases | 2 | 15 | 65 | 244 | 969 | 54 |
| Death rate attributable to tobacco | - | 2 | 19 | 85 | 335 | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 29 | 35 | 35 | 31 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 39 | 179 | 687 | 35 |
| Death rate attributable to tobacco | - | 1 | 17 | 81 | 314 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 44 | 45 | 46 | 45 |
| Death rate: Other respiratory diseases | 2 | 10 | 26 | 65 | 282 | 19 |
| Death rate attributable to tobacco | - | 0 | 2 | 5 | 21 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 7 | 7 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 249 | 544 | 1,571 | 3,969 | 11,775 | 988 | 128 | 352 | 1,076 | 2,770 | 9,658 | 745 |
| Death rate attributable to tobacco | - | 37 | 180 | 334 | 955 | 74 | - | - | 46 | 145 | 274 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 11 | 8 | 8 | 8 | - | - | 4 | 5 | 3 | 3 |
| <u>Death rate: Communicable diseases</u> | 98 | 112 | 102 | 279 | 932 | 134 | 50 | 39 | 78 | 221 | 727 | 80 |
| Death rate attributable to tobacco | - | 2 | 4 | 13 | 64 | 3 | - | - | 1 | 8 | 18 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 5 | 7 | 2 | - | - | 1 | 4 | 2 | 1 |
| <i>Death rate: Tuberculosis</i> | 4 | 9 | 15 | 24 | 32 | 9 | 2 | 4 | 7 | 11 | 16 | 4 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 3 | 0 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 7 | 6 | 8 | 4 | - | - | 2 | 3 | 2 | 1 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 19 | 31 | 147 | 543 | 32 | 7 | 11 | 22 | 115 | 415 | 28 |
| Death rate attributable to tobacco | - | 1 | 3 | 12 | 61 | 3 | - | - | 1 | 7 | 18 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 10 | 8 | 11 | 9 | - | - | 4 | 6 | 4 | 4 |
| <u>Death rate: Noncommunicable diseases</u> | 50 | 342 | 1,360 | 3,534 | 10,616 | 749 | 68 | 303 | 979 | 2,504 | 8,805 | 648 |
| Death rate attributable to tobacco | - | 35 | 176 | 321 | 890 | 71 | - | - | 45 | 137 | 256 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 13 | 9 | 8 | 9 | - | - | 5 | 5 | 3 | 3 |
| <i>Death rate: All malignant neoplasms</i> | 10 | 93 | 406 | 856 | 2,060 | 179 | 33 | 134 | 332 | 645 | 1,277 | 171 |
| Death rate attributable to tobacco | - | 15 | 88 | 130 | 283 | 29 | - | - | 13 | 35 | 33 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 22 | 15 | 14 | 16 | - | - | 4 | 5 | 3 | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 15 | 76 | 121 | 203 | 26 | 1 | 6 | 25 | 50 | 54 | 10 |
| Death rate attributable to tobacco | - | 8 | 59 | 90 | 160 | 18 | - | - | 9 | 20 | 14 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 54 | 77 | 74 | 79 | 71 | - | - | 34 | 40 | 25 | 27 |
| <i>Death rate: All other malignant neoplasms</i> | 9 | 78 | 329 | 735 | 1,858 | 154 | 32 | 128 | 307 | 595 | 1,223 | 162 |
| Death rate attributable to tobacco | - | 6 | 29 | 40 | 122 | 10 | - | - | 5 | 15 | 20 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 9 | 5 | 7 | 7 | - | - | 2 | 3 | 2 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 20 | 121 | 558 | 1,528 | 5,221 | 327 | 14 | 77 | 306 | 905 | 4,618 | 256 |
| Death rate attributable to tobacco | - | 16 | 56 | 60 | 41 | 16 | - | - | 18 | 40 | 38 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 10 | 4 | 1 | 5 | - | - | 6 | 4 | 1 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 5 | 67 | 279 | 716 | 2,026 | 146 | 3 | 34 | 149 | 403 | 1,617 | 101 |
| Death rate attributable to tobacco | - | 9 | 27 | 29 | 15 | 8 | - | - | 8 | 15 | 22 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 10 | 4 | 1 | 5 | - | - | 5 | 4 | 1 | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 30 | 199 | 582 | 2,015 | 118 | 4 | 28 | 114 | 320 | 2,079 | 104 |
| Death rate attributable to tobacco | - | 4 | 19 | 21 | 15 | 5 | - | - | 7 | 17 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 10 | 4 | 1 | 4 | - | - | 6 | 5 | - | 2 |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 24 | 79 | 230 | 1,181 | 63 | 7 | 15 | 44 | 183 | 922 | 51 |
| Death rate attributable to tobacco | - | 4 | 9 | 11 | 11 | 3 | - | - | 3 | 8 | 16 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 12 | 5 | 1 | 5 | - | - | 7 | 5 | 2 | 3 |
| <u>Death rate: Respiratory diseases</u> | 3 | 21 | 65 | 319 | 1,144 | 62 | 2 | 9 | 65 | 175 | 823 | 46 |
| Death rate attributable to tobacco | - | 4 | 27 | 121 | 532 | 24 | - | - | 11 | 52 | 171 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 41 | 38 | 46 | 39 | - | - | 17 | 30 | 21 | 21 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 7 | 46 | 238 | 864 | 43 | - | 2 | 33 | 124 | 540 | 28 |
| Death rate attributable to tobacco | - | 3 | 25 | 114 | 501 | 23 | - | - | 10 | 49 | 159 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 55 | 48 | 58 | 53 | - | - | 30 | 39 | 29 | 32 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 14 | 20 | 81 | 280 | 19 | 2 | 7 | 32 | 50 | 283 | 18 |
| Death rate attributable to tobacco | - | 1 | 2 | 6 | 31 | 2 | - | - | 1 | 3 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 10 | 8 | 11 | 8 | - | - | 4 | 6 | 4 | 4 |

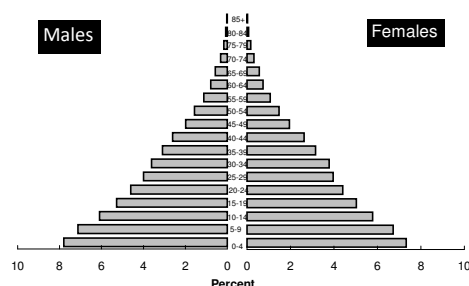
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Papua New Guinea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,071 | 1,972 | 4,043 |
| 30-44 | 552 | 567 | 1,119 |
| 45-59 | 277 | 267 | 544 |
| 60-69 | 81 | 77 | 158 |
| 70-79 | 29 | 29 | 58 |
| 80+ | 6 | 6 | 13 |
| Total | 3,017 | 2,918 | 5,935 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (806 per 100,000 population) was about 2.2 times that for communicable diseases (367 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 206 deaths per 100,000 population aged 30 years and over, with 0% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 4 deaths per 100,000 population but with 7% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 0% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (9 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 1% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 512 | 1,273 | 3,276 | 7,466 | 18,042 | 1,293 |
| Death rate attributable to tobacco | - | 6 | 30 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 0 |
| Death rate: Communicable diseases | 238 | 313 | 676 | 1,594 | 4,672 | 367 |
| Death rate attributable to tobacco | - | 0 | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 0 | - | - | 0 |
| Death rate: Tuberculosis | 44 | 139 | 328 | 496 | 574 | 112 |
| Death rate attributable to tobacco | - | 0 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 0 | - | - | 0 |
| Death rate: Lower respiratory infections | 9 | 34 | 208 | 774 | 2,736 | 74 |
| Death rate attributable to tobacco | - | 0 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 |
| Death rate: Noncommunicable diseases | 173 | 835 | 2,465 | 5,621 | 12,808 | 806 |
| Death rate attributable to tobacco | - | 6 | 27 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 |
| Death rate: All malignant neoplasms | 37 | 166 | 446 | 695 | 1,294 | 137 |
| Death rate attributable to tobacco | - | 1 | 9 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | - | - | 1 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 6 | 17 | 17 | 22 | 4 |
| Death rate attributable to tobacco | - | 0 | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 13 | - | - | 7 |
| Death rate: All other malignant neoplasms | 36 | 160 | 429 | 679 | 1,271 | 132 |
| Death rate attributable to tobacco | - | 1 | 6 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 |
| Death rate: All Cardiovascular diseases | 73 | 396 | 1,366 | 3,336 | 7,789 | 426 |
| Death rate attributable to tobacco | - | 3 | 7 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 0 | - | - | 0 |
| Death rate: Ischaemic heart disease | 33 | 204 | 693 | 1,558 | 3,346 | 206 |
| Death rate attributable to tobacco | - | 1 | 3 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 0 | - | - | 0 |
| Death rate: Cerebrovascular disease | 11 | 85 | 358 | 920 | 1,898 | 102 |
| Death rate attributable to tobacco | - | 1 | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 0 | - | - | 0 |
| Death rate: Other cardiovascular diseases | 29 | 108 | 315 | 859 | 2,545 | 118 |
| Death rate attributable to tobacco | - | 1 | 2 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 0 |
| Death rate: Respiratory diseases | 13 | 101 | 278 | 685 | 1,688 | 93 |
| Death rate attributable to tobacco | - | 2 | 12 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | - | - | 2 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 70 | 200 | 461 | 852 | 59 |
| Death rate attributable to tobacco | - | 2 | 11 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | - | - | 3 |
| Death rate: Other respiratory diseases | 9 | 32 | 78 | 224 | 836 | 34 |
| Death rate attributable to tobacco | - | 0 | 0 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 565 | 1,466 | 3,740 | 8,205 | 19,733 | 1,465 | 461 | 1,073 | 2,788 | 6,729 | 16,315 | 1,121 |
| Death rate attributable to tobacco | - | 13 | 58 | - | - | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 219 | 359 | 771 | 1,749 | 5,080 | 387 | 256 | 265 | 576 | 1,439 | 4,255 | 348 |
| Death rate attributable to tobacco | - | 1 | 5 | - | - | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 47 | 168 | 400 | 638 | 718 | 135 | 41 | 110 | 253 | 354 | 426 | 90 |
| Death rate attributable to tobacco | - | 1 | 2 | - | - | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 12 | 38 | 251 | 812 | 2,821 | 83 | 6 | 30 | 163 | 736 | 2,649 | 65 |
| Death rate attributable to tobacco | - | 0 | 2 | - | - | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 198 | 945 | 2,810 | 6,179 | 13,999 | 918 | 148 | 720 | 2,103 | 5,065 | 11,593 | 695 |
| Death rate attributable to tobacco | - | 12 | 53 | - | - | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 32 | 152 | 500 | 802 | 1,406 | 140 | 41 | 180 | 389 | 589 | 1,179 | 133 |
| Death rate attributable to tobacco | - | 3 | 17 | - | - | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | - | - | 2 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 8 | 22 | 30 | 40 | 6 | 0 | 3 | 13 | 4 | 4 | 2 |
| Death rate attributable to tobacco | - | 1 | 5 | - | - | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 21 | - | - | 10 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 31 | 144 | 478 | 773 | 1,366 | 134 | 40 | 177 | 377 | 585 | 1,174 | 130 |
| Death rate attributable to tobacco | - | 2 | 12 | - | - | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 89 | 478 | 1,528 | 3,537 | 8,300 | 487 | 57 | 311 | 1,196 | 3,137 | 7,266 | 364 |
| Death rate attributable to tobacco | - | 5 | 13 | - | - | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 43 | 262 | 797 | 1,757 | 3,808 | 250 | 24 | 142 | 583 | 1,359 | 2,874 | 163 |
| Death rate attributable to tobacco | - | 3 | 7 | - | - | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 14 | 100 | 391 | 952 | 1,972 | 113 | 8 | 70 | 324 | 888 | 1,822 | 90 |
| Death rate attributable to tobacco | - | 1 | 3 | - | - | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 32 | 116 | 341 | 828 | 2,520 | 124 | 26 | 99 | 289 | 890 | 2,571 | 111 |
| Death rate attributable to tobacco | - | 1 | 3 | - | - | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | - | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 14 | 111 | 355 | 827 | 1,889 | 109 | 13 | 92 | 196 | 542 | 1,484 | 76 |
| Death rate attributable to tobacco | - | 4 | 23 | - | - | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 6 | - | - | 3 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 77 | 258 | 560 | 1,005 | 71 | 4 | 62 | 139 | 362 | 696 | 47 |
| Death rate attributable to tobacco | - | 4 | 22 | - | - | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 9 | - | - | 4 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 10 | 34 | 97 | 267 | 883 | 38 | 9 | 29 | 58 | 180 | 787 | 29 |
| Death rate attributable to tobacco | - | 0 | 1 | - | - | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | - | - | 0 | - | - | - | - | - | - |

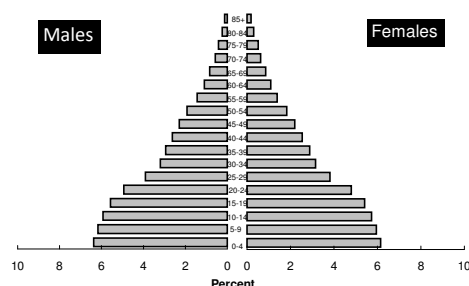
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Paraguay

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,904 | 1,845 | 3,749 |
| 30-44 | 507 | 498 | 1,005 |
| 45-59 | 328 | 313 | 641 |
| 60-69 | 112 | 113 | 225 |
| 70-79 | 57 | 66 | 124 |
| 80+ | 21 | 29 | 50 |
| Total | 2,930 | 2,863 | 5,793 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1004 per 100,000 population) was about 7.5 times that for communicable diseases (135 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 174 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 27 deaths per 100,000 population but with 73% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (178 per 100,000 men aged 30 years and over) compared with women (15 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 13% for men and 1% for women.

- Among those who died prematurely, almost one in every 32 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.4% of those whose death was due to a lower respiratory infection, 19.5% of deaths due to the category of 'all cardiovascular diseases combined', and 68.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 230 | 709 | 2,004 | 5,681 | 13,508 | 1,230 |
| Death rate attributable to tobacco | 7 | 78 | 235 | 482 | 550 | 97 |
| Proportion of deaths attributable to tobacco (%) | 3 | 11 | 12 | 8 | 4 | 8 |
| Death rate: Communicable diseases | 55 | 67 | 167 | 473 | 1,627 | 135 |
| Death rate attributable to tobacco | 1 | 3 | 12 | 36 | 85 | 7 |
| Proportion of deaths attributable to tobacco (%) | 1 | 5 | 7 | 8 | 5 | 5 |
| Death rate: Tuberculosis | 15 | 29 | 59 | 112 | 176 | 34 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 10 | 15 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 9 | 9 | 9 | 8 | 8 |
| Death rate: Lower respiratory infections | 1 | 11 | 57 | 220 | 929 | 46 |
| Death rate attributable to tobacco | 0 | 0 | 7 | 26 | 70 | 4 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 12 | 12 | 8 | 9 |
| Death rate: Noncommunicable diseases | 91 | 554 | 1,739 | 5,077 | 11,719 | 1,004 |
| Death rate attributable to tobacco | 6 | 75 | 223 | 446 | 465 | 90 |
| Proportion of deaths attributable to tobacco (%) | 7 | 14 | 13 | 9 | 4 | 9 |
| Death rate: All malignant neoplasms | 31 | 167 | 490 | 1,135 | 1,824 | 235 |
| Death rate attributable to tobacco | 1 | 28 | 103 | 193 | 228 | 38 |
| Proportion of deaths attributable to tobacco (%) | 3 | 17 | 21 | 17 | 13 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 21 | 74 | 135 | 148 | 27 |
| Death rate attributable to tobacco | 0 | 14 | 57 | 105 | 109 | 20 |
| Proportion of deaths attributable to tobacco (%) | 30 | 68 | 77 | 78 | 74 | 73 |
| Death rate: All other malignant neoplasms | 30 | 146 | 417 | 1,000 | 1,676 | 208 |
| Death rate attributable to tobacco | 1 | 13 | 46 | 88 | 119 | 18 |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 11 | 9 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 27 | 210 | 737 | 2,416 | 6,522 | 466 |
| Death rate attributable to tobacco | 5 | 41 | 92 | 151 | 41 | 36 |
| Proportion of deaths attributable to tobacco (%) | 18 | 20 | 13 | 6 | 1 | 8 |
| Death rate: Ischaemic heart disease | 8 | 79 | 324 | 985 | 2,031 | 174 |
| Death rate attributable to tobacco | 2 | 16 | 42 | 64 | 13 | 15 |
| Proportion of deaths attributable to tobacco (%) | 23 | 21 | 13 | 6 | 1 | 9 |
| Death rate: Cerebrovascular disease | 10 | 85 | 301 | 905 | 2,347 | 177 |
| Death rate attributable to tobacco | 1 | 14 | 35 | 50 | 13 | 12 |
| Proportion of deaths attributable to tobacco (%) | 12 | 17 | 12 | 6 | 1 | 7 |
| Death rate: Other cardiovascular diseases | 9 | 46 | 112 | 527 | 2,143 | 116 |
| Death rate attributable to tobacco | 2 | 10 | 16 | 37 | 15 | 9 |
| Proportion of deaths attributable to tobacco (%) | 21 | 22 | 14 | 7 | 1 | 7 |
| Death rate: Respiratory diseases | 4 | 19 | 56 | 232 | 730 | 46 |
| Death rate attributable to tobacco | 0 | 4 | 16 | 68 | 158 | 11 |
| Proportion of deaths attributable to tobacco (%) | 9 | 23 | 28 | 29 | 22 | 24 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 4 | 17 | 97 | 282 | 16 |
| Death rate attributable to tobacco | 0 | 3 | 11 | 54 | 123 | 8 |
| Proportion of deaths attributable to tobacco (%) | 35 | 66 | 66 | 56 | 44 | 52 |
| Death rate: Other respiratory diseases | 3 | 14 | 39 | 134 | 449 | 30 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 13 | 34 | 3 |
| Proportion of deaths attributable to tobacco (%) | 6 | 10 | 12 | 10 | 8 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 279 | 793 | 2,314 | 6,902 | 15,643 | 1,353 | 179 | 621 | 1,695 | 4,623 | 11,942 | 1,105 |
| Death rate attributable to tobacco | 14 | 153 | 404 | 906 | 1,299 | 178 | - | - | 67 | 114 | - | 15 |
| Proportion of deaths attributable to tobacco (%) | 5 | 19 | 17 | 13 | 8 | 13 | - | - | 4 | 2 | - | 1 |
| <u>Death rate: Communicable diseases</u> | 56 | 76 | 216 | 623 | 1,718 | 146 | 54 | 57 | 117 | 343 | 1,560 | 123 |
| Death rate attributable to tobacco | 1 | 6 | 21 | 69 | 200 | 13 | - | - | 3 | 7 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | 8 | 10 | 11 | 12 | 9 | - | - | 3 | 2 | - | 1 |
| <u>Death rate: Tuberculosis</u> | 20 | 42 | 84 | 174 | 281 | 48 | 9 | 16 | 34 | 58 | 99 | 20 |
| Death rate attributable to tobacco | 1 | 5 | 10 | 21 | 35 | 5 | - | - | 1 | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 12 | 12 | 12 | 11 | - | - | 3 | 2 | - | 1 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 4 | 67 | 289 | 976 | 45 | 1 | 18 | 47 | 160 | 895 | 47 |
| Death rate attributable to tobacco | 0 | 1 | 11 | 48 | 165 | 8 | - | - | 2 | 6 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 10 | 18 | 16 | 17 | 17 | 17 | - | - | 5 | 4 | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 91 | 583 | 1,957 | 6,091 | 13,680 | 1,068 | 92 | 524 | 1,522 | 4,199 | 10,280 | 939 |
| Death rate attributable to tobacco | 13 | 147 | 383 | 837 | 1,099 | 165 | - | - | 64 | 107 | - | 14 |
| Proportion of deaths attributable to tobacco (%) | 14 | 25 | 20 | 14 | 8 | 15 | - | - | 4 | 3 | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 21 | 154 | 537 | 1,470 | 2,521 | 253 | 41 | 181 | 444 | 844 | 1,312 | 217 |
| Death rate attributable to tobacco | 2 | 54 | 190 | 390 | 540 | 72 | - | - | 16 | 22 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 9 | 35 | 35 | 27 | 21 | 28 | - | - | 4 | 3 | - | 1 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 35 | 121 | 243 | 301 | 46 | 0 | 6 | 26 | 41 | 35 | 9 |
| Death rate attributable to tobacco | 1 | 28 | 104 | 212 | 258 | 38 | - | - | 10 | 12 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 34 | 80 | 86 | 87 | 86 | 83 | - | - | 37 | 28 | - | 21 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 118 | 416 | 1,227 | 2,221 | 207 | 41 | 175 | 418 | 803 | 1,276 | 208 |
| Death rate attributable to tobacco | 1 | 26 | 87 | 178 | 281 | 34 | - | - | 6 | 10 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 22 | 21 | 14 | 13 | 16 | - | - | 1 | 1 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 31 | 234 | 885 | 2,940 | 7,519 | 506 | 24 | 185 | 590 | 1,963 | 5,790 | 426 |
| Death rate attributable to tobacco | 10 | 80 | 145 | 263 | 97 | 63 | - | - | 40 | 53 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 32 | 34 | 16 | 9 | 1 | 12 | - | - | 7 | 3 | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 11 | 97 | 450 | 1,348 | 2,582 | 214 | 6 | 59 | 199 | 670 | 1,627 | 133 |
| Death rate attributable to tobacco | 4 | 32 | 72 | 120 | 31 | 27 | - | - | 12 | 15 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 35 | 33 | 16 | 9 | 1 | 13 | - | - | 6 | 2 | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 11 | 83 | 306 | 977 | 2,532 | 172 | 8 | 88 | 296 | 842 | 2,211 | 181 |
| Death rate attributable to tobacco | 2 | 28 | 48 | 78 | 30 | 20 | - | - | 21 | 26 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 21 | 34 | 16 | 8 | 1 | 12 | - | - | 7 | 3 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 9 | 54 | 129 | 615 | 2,405 | 120 | 9 | 38 | 94 | 451 | 1,952 | 111 |
| Death rate attributable to tobacco | 4 | 20 | 25 | 66 | 36 | 15 | - | - | 7 | 12 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 41 | 38 | 19 | 11 | 1 | 13 | - | - | 7 | 3 | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 4 | 24 | 83 | 279 | 903 | 53 | 3 | 13 | 30 | 191 | 604 | 38 |
| Death rate attributable to tobacco | 1 | 8 | 30 | 122 | 373 | 21 | - | - | 2 | 21 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 15 | 34 | 36 | 44 | 41 | 39 | - | - | 6 | 11 | - | 4 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 8 | 32 | 145 | 423 | 23 | 0 | 1 | 2 | 56 | 178 | 9 |
| Death rate attributable to tobacco | 0 | 5 | 22 | 99 | 291 | 16 | - | - | 1 | 15 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 54 | 70 | 68 | 69 | 69 | 69 | - | - | 32 | 28 | - | 12 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 17 | 51 | 134 | 480 | 30 | 3 | 12 | 28 | 134 | 426 | 29 |
| Death rate attributable to tobacco | 0 | 3 | 8 | 22 | 81 | 5 | - | - | 1 | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 10 | 18 | 16 | 17 | 17 | 16 | - | - | 5 | 4 | - | 2 |

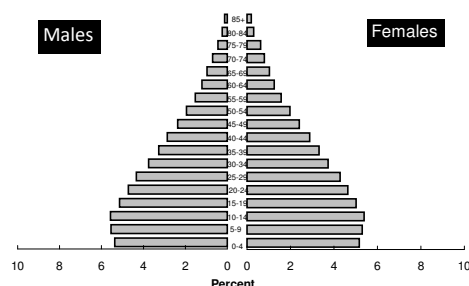
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Peru

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 8,275 | 8,033 | 16,308 |
| 30-44 | 2,664 | 2,679 | 5,343 |
| 45-59 | 1,573 | 1,602 | 3,175 |
| 60-69 | 587 | 615 | 1,203 |
| 70-79 | 309 | 385 | 694 |
| 80+ | 100 | 135 | 235 |
| Total | 13,510 | 13,449 | 26,959 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (866 per 100,000 population) was about 2.8 times that for communicable diseases (305 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 101 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 17 deaths per 100,000 population but with 54% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (59 per 100,000 men aged 30 years and over) compared with women (42 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 4% for women.

- Among those who died prematurely, almost one in every 68 deaths among those aged 30-44 and one in 81 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 1.5% of those whose death was due to a lower respiratory infection, 3.6% of deaths due to the category of 'all cardiovascular diseases combined', and 18.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 275 | 698 | 1,888 | 5,200 | 15,915 | 1,249 |
| Death rate attributable to tobacco | 4 | 9 | 97 | 317 | 646 | 50 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 5 | 6 | 4 | 4 |
| Death rate: Communicable diseases | 105 | 151 | 346 | 1,079 | 4,407 | 305 |
| Death rate attributable to tobacco | 1 | 1 | 14 | 69 | 247 | 12 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 4 | 6 | 6 | 4 |
| Death rate: Tuberculosis | 20 | 51 | 94 | 103 | 92 | 45 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 6 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | 2 | 1 | 4 | 6 | 5 | 3 |
| Death rate: Lower respiratory infections | 7 | 38 | 165 | 690 | 3,262 | 150 |
| Death rate attributable to tobacco | 0 | 1 | 10 | 63 | 242 | 11 |
| Proportion of deaths attributable to tobacco (%) | 2 | 1 | 6 | 9 | 7 | 7 |
| Death rate: Noncommunicable diseases | 118 | 467 | 1,440 | 3,954 | 11,189 | 866 |
| Death rate attributable to tobacco | 3 | 8 | 82 | 248 | 399 | 38 |
| Proportion of deaths attributable to tobacco (%) | 3 | 2 | 6 | 6 | 4 | 4 |
| Death rate: All malignant neoplasms | 44 | 179 | 533 | 1,297 | 2,425 | 273 |
| Death rate attributable to tobacco | 1 | 3 | 43 | 114 | 158 | 17 |
| Proportion of deaths attributable to tobacco (%) | 3 | 2 | 8 | 9 | 7 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 9 | 42 | 90 | 108 | 17 |
| Death rate attributable to tobacco | 0 | 2 | 25 | 60 | 66 | 9 |
| Proportion of deaths attributable to tobacco (%) | 21 | 19 | 60 | 66 | 62 | 54 |
| Death rate: All other malignant neoplasms | 42 | 170 | 491 | 1,207 | 2,317 | 257 |
| Death rate attributable to tobacco | 1 | 1 | 18 | 54 | 91 | 8 |
| Proportion of deaths attributable to tobacco (%) | 2 | 1 | 4 | 4 | 4 | 3 |
| Death rate: All Cardiovascular diseases | 23 | 107 | 385 | 1,295 | 4,894 | 279 |
| Death rate attributable to tobacco | 2 | 4 | 28 | 72 | 60 | 11 |
| Proportion of deaths attributable to tobacco (%) | 8 | 4 | 7 | 6 | 1 | 4 |
| Death rate: Ischaemic heart disease | 6 | 40 | 168 | 490 | 1,593 | 101 |
| Death rate attributable to tobacco | 0 | 1 | 11 | 24 | 20 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 7 | 5 | 1 | 4 |
| Death rate: Cerebrovascular disease | 7 | 35 | 110 | 372 | 1,101 | 75 |
| Death rate attributable to tobacco | 1 | 1 | 8 | 22 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 13 | 3 | 7 | 6 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 10 | 32 | 108 | 433 | 2,200 | 104 |
| Death rate attributable to tobacco | 1 | 1 | 9 | 27 | 37 | 4 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 8 | 6 | 2 | 4 |
| Death rate: Respiratory diseases | 7 | 21 | 82 | 287 | 982 | 60 |
| Death rate attributable to tobacco | 0 | 1 | 10 | 54 | 169 | 9 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 12 | 19 | 17 | 15 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 13 | 70 | 258 | 13 |
| Death rate attributable to tobacco | 0 | 0 | 5 | 35 | 114 | 6 |
| Proportion of deaths attributable to tobacco (%) | 28 | 13 | 41 | 50 | 44 | 44 |
| Death rate: Other respiratory diseases | 7 | 19 | 69 | 217 | 724 | 47 |
| Death rate attributable to tobacco | 0 | 0 | 4 | 19 | 54 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 2 | 6 | 9 | 8 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 343 | 792 | 2,169 | 6,103 | 17,678 | 1,356 | 207 | 605 | 1,620 | 4,475 | 14,601 | 1,147 |
| Death rate attributable to tobacco | - | 14 | 133 | 380 | 939 | 59 | 8 | 4 | 62 | 266 | 427 | 42 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 6 | 5 | 4 | 4 | 1 | 4 | 6 | 3 | 4 |
| <u>Death rate: Communicable diseases</u> | 136 | 192 | 406 | 1,203 | 4,901 | 337 | 75 | 112 | 289 | 980 | 4,039 | 273 |
| Death rate attributable to tobacco | - | 2 | 18 | 70 | 352 | 13 | 1 | 0 | 10 | 67 | 168 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 6 | 7 | 4 | 1 | 0 | 3 | 7 | 4 | 4 |
| <i>Death rate: Tuberculosis</i> | 27 | 66 | 130 | 134 | 135 | 59 | 14 | 36 | 59 | 78 | 60 | 31 |
| Death rate attributable to tobacco | - | 1 | 6 | 8 | 9 | 2 | 1 | 0 | 2 | 4 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 5 | 6 | 7 | 3 | 6 | 0 | 3 | 5 | 3 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 12 | 41 | 173 | 765 | 3,658 | 153 | 2 | 35 | 157 | 629 | 2,966 | 148 |
| Death rate attributable to tobacco | - | 1 | 12 | 62 | 343 | 12 | 0 | 0 | 8 | 63 | 166 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 8 | 9 | 8 | 11 | 1 | 5 | 10 | 6 | 7 |
| <u>Death rate: Noncommunicable diseases</u> | 122 | 469 | 1,595 | 4,643 | 12,353 | 893 | 115 | 464 | 1,291 | 3,401 | 10,320 | 839 |
| Death rate attributable to tobacco | - | 12 | 114 | 310 | 587 | 46 | 7 | 3 | 52 | 198 | 258 | 31 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 7 | 5 | 5 | 6 | 1 | 4 | 6 | 3 | 4 |
| <i>Death rate: All malignant neoplasms</i> | 29 | 126 | 530 | 1,478 | 2,925 | 255 | 59 | 230 | 536 | 1,152 | 2,052 | 291 |
| Death rate attributable to tobacco | - | 5 | 67 | 169 | 297 | 25 | 2 | 1 | 20 | 69 | 54 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 13 | 11 | 10 | 10 | 4 | 0 | 4 | 6 | 3 | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 10 | 57 | 125 | 173 | 21 | 2 | 7 | 27 | 62 | 59 | 12 |
| Death rate attributable to tobacco | - | 3 | 40 | 94 | 131 | 13 | 1 | 0 | 11 | 32 | 18 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 70 | 75 | 76 | 64 | 34 | 7 | 39 | 52 | 31 | 37 |
| <i>Death rate: All other malignant neoplasms</i> | 27 | 117 | 473 | 1,353 | 2,751 | 235 | 56 | 223 | 509 | 1,091 | 1,994 | 279 |
| Death rate attributable to tobacco | - | 2 | 27 | 75 | 166 | 11 | 2 | 0 | 9 | 37 | 36 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 6 | 6 | 5 | 3 | 0 | 2 | 3 | 2 | 2 |
| <i>Death rate: All Cardiovascular diseases</i> | 27 | 121 | 443 | 1,502 | 4,999 | 285 | 19 | 93 | 329 | 1,128 | 4,816 | 274 |
| Death rate attributable to tobacco | - | 6 | 31 | 64 | 34 | 10 | 4 | 2 | 25 | 79 | 80 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 4 | 1 | 3 | 19 | 2 | 7 | 7 | 2 | 5 |
| <i>Death rate: Ischaemic heart disease</i> | 8 | 53 | 221 | 669 | 1,756 | 118 | 3 | 27 | 117 | 346 | 1,472 | 84 |
| Death rate attributable to tobacco | - | 2 | 15 | 28 | 11 | 4 | 0 | 0 | 8 | 20 | 27 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 4 | 1 | 4 | 12 | 2 | 7 | 6 | 2 | 4 |
| <i>Death rate: Cerebrovascular disease</i> | 8 | 35 | 110 | 399 | 1,132 | 72 | 7 | 35 | 109 | 351 | 1,078 | 78 |
| Death rate attributable to tobacco | - | 2 | 7 | 15 | 7 | 2 | 2 | 1 | 9 | 28 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 7 | 4 | 1 | 3 | 28 | 2 | 8 | 8 | - | 5 |
| <i>Death rate: Other cardiovascular diseases</i> | 11 | 33 | 112 | 434 | 2,111 | 94 | 9 | 30 | 104 | 432 | 2,266 | 112 |
| Death rate attributable to tobacco | - | 2 | 9 | 22 | 16 | 3 | 1 | 1 | 8 | 31 | 53 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 8 | 5 | 1 | 3 | 15 | 2 | 8 | 7 | 2 | 5 |
| <i>Death rate: Respiratory diseases</i> | 10 | 26 | 101 | 376 | 1,162 | 69 | 5 | 17 | 64 | 215 | 847 | 51 |
| Death rate attributable to tobacco | - | 1 | 13 | 68 | 240 | 10 | 1 | 0 | 6 | 43 | 116 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 13 | 18 | 21 | 15 | 15 | 2 | 10 | 20 | 14 | 14 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 3 | 16 | 92 | 300 | 14 | 0 | 3 | 10 | 53 | 226 | 12 |
| Death rate attributable to tobacco | - | 1 | 7 | 45 | 159 | 7 | 0 | 0 | 4 | 27 | 81 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 45 | 49 | 53 | 48 | 55 | 7 | 35 | 51 | 36 | 39 |
| <i>Death rate: Other respiratory diseases</i> | 10 | 23 | 85 | 284 | 861 | 55 | 4 | 14 | 54 | 162 | 621 | 39 |
| Death rate attributable to tobacco | - | 0 | 6 | 23 | 81 | 4 | 0 | 0 | 3 | 16 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 8 | 9 | 7 | 11 | 1 | 5 | 10 | 6 | 7 |

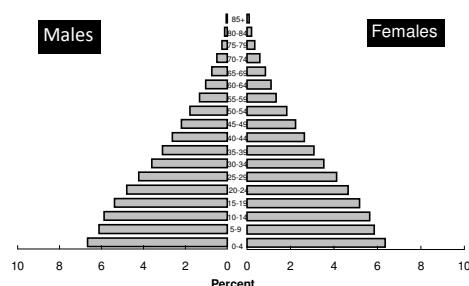
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Philippines

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 27,391 | 26,348 | 53,738 |
| 30-44 | 7,719 | 7,666 | 15,385 |
| 45-59 | 4,391 | 4,479 | 8,870 |
| 60-69 | 1,465 | 1,612 | 3,076 |
| 70-79 | 620 | 787 | 1,407 |
| 80+ | 147 | 244 | 391 |
| Total | 41,732 | 41,135 | 82,868 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (860 per 100,000 population) was about 2.8 times that for communicable diseases (310 per 100,000). Tobacco was responsible for 19% of all NCDs compared with 11% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 166 deaths per 100,000 population aged 30 years and over, with 22% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 31 deaths per 100,000 population but with 78% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 13% of all lower respiratory infection deaths and 16% of all tuberculosis deaths.

- The death rate due to tobacco in men was (319 per 100,000 men aged 30 years and over) compared with women (85 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 8% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 21.4% of those whose death was due to a lower respiratory infection, 39.3% of deaths due to the category of 'all cardiovascular diseases combined', and 80.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 368 | 996 | 2,684 | 5,517 | 15,039 | 1,249 |
| Death rate attributable to tobacco | 79 | 227 | 483 | 597 | 687 | 200 |
| Proportion of deaths attributable to tobacco (%) | 22 | 23 | 18 | 11 | 5 | 16 |
| Death rate: Communicable diseases | 92 | 225 | 634 | 1,410 | 4,284 | 310 |
| Death rate attributable to tobacco | 15 | 32 | 77 | 130 | 232 | 35 |
| Proportion of deaths attributable to tobacco (%) | 17 | 14 | 12 | 9 | 5 | 11 |
| Death rate: Tuberculosis | 63 | 117 | 205 | 259 | 278 | 107 |
| Death rate attributable to tobacco | 13 | 19 | 28 | 22 | 16 | 17 |
| Proportion of deaths attributable to tobacco (%) | 20 | 17 | 14 | 9 | 6 | 16 |
| Death rate: Lower respiratory infections | 7 | 59 | 276 | 892 | 3,353 | 139 |
| Death rate attributable to tobacco | 2 | 13 | 48 | 107 | 216 | 18 |
| Proportion of deaths attributable to tobacco (%) | 36 | 21 | 17 | 12 | 6 | 13 |
| Death rate: Noncommunicable diseases | 201 | 693 | 1,968 | 3,998 | 10,562 | 860 |
| Death rate attributable to tobacco | 64 | 195 | 406 | 467 | 455 | 165 |
| Proportion of deaths attributable to tobacco (%) | 32 | 28 | 21 | 12 | 4 | 19 |
| Death rate: All malignant neoplasms | 42 | 163 | 368 | 531 | 694 | 146 |
| Death rate attributable to tobacco | 9 | 46 | 118 | 127 | 94 | 39 |
| Proportion of deaths attributable to tobacco (%) | 21 | 28 | 32 | 24 | 14 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 35 | 101 | 124 | 109 | 31 |
| Death rate attributable to tobacco | 3 | 28 | 84 | 93 | 68 | 25 |
| Proportion of deaths attributable to tobacco (%) | 64 | 80 | 83 | 75 | 62 | 78 |
| Death rate: All other malignant neoplasms | 37 | 127 | 267 | 407 | 585 | 114 |
| Death rate attributable to tobacco | 6 | 18 | 34 | 33 | 27 | 14 |
| Proportion of deaths attributable to tobacco (%) | 16 | 14 | 13 | 8 | 5 | 12 |
| Death rate: All Cardiovascular diseases | 87 | 319 | 977 | 2,175 | 6,452 | 438 |
| Death rate attributable to tobacco | 50 | 125 | 191 | 157 | 69 | 93 |
| Proportion of deaths attributable to tobacco (%) | 57 | 39 | 20 | 7 | 1 | 21 |
| Death rate: Ischaemic heart disease | 33 | 127 | 390 | 784 | 2,284 | 166 |
| Death rate attributable to tobacco | 20 | 50 | 73 | 52 | 25 | 36 |
| Proportion of deaths attributable to tobacco (%) | 61 | 39 | 19 | 7 | 1 | 22 |
| Death rate: Cerebrovascular disease | 15 | 69 | 210 | 473 | 1,121 | 89 |
| Death rate attributable to tobacco | 8 | 27 | 41 | 35 | 3 | 18 |
| Proportion of deaths attributable to tobacco (%) | 52 | 40 | 19 | 7 | 0 | 21 |
| Death rate: Other cardiovascular diseases | 39 | 123 | 377 | 918 | 3,046 | 183 |
| Death rate attributable to tobacco | 21 | 48 | 77 | 70 | 41 | 38 |
| Proportion of deaths attributable to tobacco (%) | 55 | 39 | 20 | 8 | 1 | 21 |
| Death rate: Respiratory diseases | 12 | 48 | 207 | 524 | 1,689 | 91 |
| Death rate attributable to tobacco | 5 | 19 | 87 | 172 | 281 | 30 |
| Proportion of deaths attributable to tobacco (%) | 39 | 41 | 42 | 33 | 17 | 33 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 18 | 94 | 227 | 464 | 34 |
| Death rate attributable to tobacco | 2 | 13 | 66 | 136 | 202 | 21 |
| Proportion of deaths attributable to tobacco (%) | 80 | 74 | 71 | 60 | 43 | 63 |
| Death rate: Other respiratory diseases | 9 | 30 | 113 | 297 | 1,225 | 57 |
| Death rate attributable to tobacco | 3 | 6 | 21 | 36 | 79 | 8 |
| Proportion of deaths attributable to tobacco (%) | 29 | 21 | 18 | 12 | 6 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 487 | 1,311 | 3,403 | 6,532 | 14,532 | 1,442 | 248 | 687 | 2,030 | 4,718 | 15,343 | 1,063 |
| Death rate attributable to tobacco | 134 | 384 | 768 | 891 | 1,164 | 319 | 24 | 73 | 225 | 365 | 401 | 85 |
| Proportion of deaths attributable to tobacco (%) | 27 | 29 | 23 | 14 | 8 | 22 | 10 | 11 | 11 | 8 | 3 | 8 |
| <u>Death rate: Communicable diseases</u> | 98 | 301 | 802 | 1,634 | 3,902 | 337 | 85 | 150 | 481 | 1,234 | 4,512 | 283 |
| Death rate attributable to tobacco | 25 | 58 | 125 | 183 | 382 | 56 | 5 | 8 | 33 | 87 | 143 | 16 |
| Proportion of deaths attributable to tobacco (%) | 25 | 19 | 16 | 11 | 10 | 17 | 6 | 5 | 7 | 7 | 3 | 6 |
| <u>Death rate: Tuberculosis</u> | 72 | 170 | 324 | 417 | 465 | 147 | 54 | 65 | 97 | 135 | 165 | 68 |
| Death rate attributable to tobacco | 20 | 36 | 52 | 42 | 37 | 29 | 5 | 3 | 6 | 7 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | 28 | 21 | 16 | 10 | 8 | 20 | 10 | 5 | 6 | 6 | 2 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 13 | 77 | 329 | 1,024 | 3,072 | 140 | 1 | 42 | 228 | 788 | 3,522 | 138 |
| Death rate attributable to tobacco | 5 | 21 | 72 | 142 | 344 | 26 | 0 | 4 | 27 | 80 | 139 | 11 |
| Proportion of deaths attributable to tobacco (%) | 36 | 28 | 22 | 14 | 11 | 19 | 18 | 10 | 12 | 10 | 4 | 8 |
| <u>Death rate: Noncommunicable diseases</u> | 257 | 882 | 2,481 | 4,761 | 10,456 | 974 | 144 | 508 | 1,502 | 3,396 | 10,626 | 749 |
| Death rate attributable to tobacco | 109 | 327 | 643 | 707 | 782 | 263 | 18 | 66 | 192 | 278 | 258 | 69 |
| Proportion of deaths attributable to tobacco (%) | 42 | 37 | 26 | 15 | 7 | 27 | 13 | 13 | 13 | 8 | 2 | 9 |
| <u>Death rate: All malignant neoplasms</u> | 40 | 169 | 432 | 626 | 797 | 153 | 44 | 157 | 310 | 456 | 632 | 139 |
| Death rate attributable to tobacco | 15 | 82 | 208 | 224 | 214 | 66 | 3 | 11 | 37 | 50 | 23 | 12 |
| Proportion of deaths attributable to tobacco (%) | 37 | 49 | 48 | 36 | 27 | 43 | 6 | 7 | 12 | 11 | 4 | 8 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 58 | 167 | 201 | 202 | 49 | 3 | 14 | 42 | 62 | 53 | 14 |
| Death rate attributable to tobacco | 5 | 50 | 149 | 170 | 160 | 42 | 1 | 7 | 25 | 32 | 13 | 7 |
| Proportion of deaths attributable to tobacco (%) | 73 | 88 | 90 | 85 | 79 | 86 | 47 | 50 | 60 | 52 | 24 | 52 |
| <u>Death rate: All other malignant neoplasms</u> | 34 | 112 | 265 | 425 | 594 | 104 | 41 | 143 | 269 | 394 | 579 | 124 |
| Death rate attributable to tobacco | 10 | 32 | 59 | 53 | 54 | 24 | 1 | 4 | 12 | 18 | 10 | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 29 | 22 | 13 | 9 | 23 | 3 | 3 | 4 | 4 | 2 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 119 | 425 | 1,232 | 2,504 | 6,017 | 490 | 55 | 215 | 745 | 1,916 | 6,713 | 388 |
| Death rate attributable to tobacco | 86 | 205 | 274 | 188 | 49 | 145 | 13 | 48 | 116 | 132 | 80 | 42 |
| Proportion of deaths attributable to tobacco (%) | 72 | 48 | 22 | 7 | 1 | 30 | 24 | 22 | 16 | 7 | 1 | 11 |
| <u>Death rate: Ischaemic heart disease</u> | 51 | 183 | 514 | 982 | 2,189 | 201 | 16 | 72 | 277 | 628 | 2,341 | 132 |
| Death rate attributable to tobacco | 38 | 86 | 110 | 71 | 16 | 61 | 3 | 14 | 40 | 37 | 30 | 13 |
| Proportion of deaths attributable to tobacco (%) | 74 | 47 | 21 | 7 | 1 | 30 | 18 | 20 | 14 | 6 | 1 | 10 |
| <u>Death rate: Cerebrovascular disease</u> | 21 | 91 | 261 | 545 | 1,061 | 100 | 9 | 48 | 165 | 417 | 1,157 | 79 |
| Death rate attributable to tobacco | 12 | 43 | 55 | 35 | 8 | 27 | 4 | 12 | 27 | 34 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 57 | 48 | 21 | 6 | 1 | 27 | 39 | 25 | 17 | 8 | - | 13 |
| <u>Death rate: Other cardiovascular diseases</u> | 47 | 152 | 458 | 977 | 2,767 | 189 | 31 | 95 | 303 | 872 | 3,214 | 177 |
| Death rate attributable to tobacco | 36 | 76 | 108 | 81 | 25 | 58 | 7 | 21 | 49 | 60 | 50 | 19 |
| Proportion of deaths attributable to tobacco (%) | 77 | 50 | 24 | 8 | 1 | 30 | 22 | 23 | 16 | 7 | 2 | 11 |
| <u>Death rate: Respiratory diseases</u> | 14 | 65 | 302 | 732 | 1,789 | 109 | 9 | 31 | 120 | 361 | 1,630 | 73 |
| Death rate attributable to tobacco | 7 | 33 | 146 | 282 | 502 | 46 | 2 | 6 | 33 | 86 | 149 | 14 |
| Proportion of deaths attributable to tobacco (%) | 48 | 50 | 48 | 39 | 28 | 42 | 26 | 21 | 27 | 24 | 9 | 19 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 27 | 150 | 363 | 645 | 48 | 1 | 8 | 43 | 120 | 356 | 20 |
| Death rate attributable to tobacco | 3 | 22 | 113 | 231 | 373 | 34 | 1 | 4 | 24 | 62 | 99 | 9 |
| Proportion of deaths attributable to tobacco (%) | 86 | 81 | 75 | 64 | 58 | 70 | 67 | 50 | 55 | 51 | 28 | 46 |
| <u>Death rate: Other respiratory diseases</u> | 11 | 38 | 153 | 370 | 1,144 | 61 | 7 | 22 | 77 | 241 | 1,273 | 53 |
| Death rate attributable to tobacco | 4 | 11 | 33 | 51 | 128 | 12 | 1 | 2 | 9 | 24 | 50 | 4 |
| Proportion of deaths attributable to tobacco (%) | 36 | 28 | 22 | 14 | 11 | 20 | 18 | 10 | 12 | 10 | 4 | 8 |

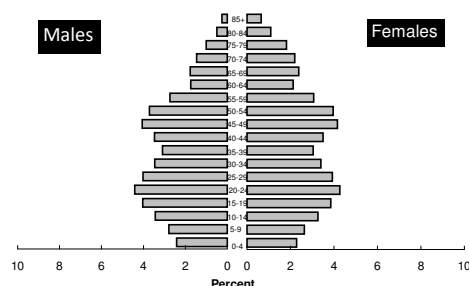
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Poland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 8,072 | 7,742 | 15,815 |
| 30-44 | 3,835 | 3,801 | 7,635 |
| 45-59 | 4,022 | 4,278 | 8,300 |
| 60-69 | 1,344 | 1,721 | 3,065 |
| 70-79 | 940 | 1,536 | 2,477 |
| 80+ | 289 | 666 | 955 |
| Total | 18,502 | 19,745 | 38,247 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1463 per 100,000 population) was about 29.5 times that for communicable diseases (50 per 100,000). Tobacco was responsible for 23% of all NCDs compared with 22% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 351 deaths per 100,000 population aged 30 years and over, with 23% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 101 deaths per 100,000 population but with 90% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 26% of all lower respiratory infection deaths and 28% of all tuberculosis deaths.

- The death rate due to tobacco in men was (566 per 100,000 men aged 30 years and over) compared with women (167 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 31% for men and 12% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 41.2% of those whose death was due to a lower respiratory infection, 63.6% of deaths due to the category of 'all cardiovascular diseases combined', and 90.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 187 | 715 | 1,932 | 4,391 | 12,344 | 1,603 |
| Death rate attributable to tobacco | 37 | 271 | 665 | 960 | 1,014 | 353 |
| Proportion of deaths attributable to tobacco (%) | 20 | 38 | 34 | 22 | 8 | 22 |
| Death rate: Communicable diseases | 7 | 18 | 40 | 117 | 517 | 50 |
| Death rate attributable to tobacco | 1 | 5 | 11 | 27 | 100 | 11 |
| Proportion of deaths attributable to tobacco (%) | 19 | 27 | 26 | 23 | 19 | 22 |
| Death rate: Tuberculosis | 1 | 4 | 5 | 9 | 13 | 4 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 2 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 34 | 30 | 24 | 15 | 28 |
| Death rate: Lower respiratory infections | 3 | 9 | 24 | 89 | 469 | 37 |
| Death rate attributable to tobacco | 1 | 4 | 9 | 25 | 98 | 10 |
| Proportion of deaths attributable to tobacco (%) | 35 | 41 | 37 | 28 | 21 | 26 |
| Death rate: Noncommunicable diseases | 117 | 608 | 1,809 | 4,164 | 11,547 | 1,463 |
| Death rate attributable to tobacco | 36 | 266 | 655 | 933 | 914 | 342 |
| Proportion of deaths attributable to tobacco (%) | 31 | 44 | 36 | 22 | 8 | 23 |
| Death rate: All malignant neoplasms | 40 | 264 | 761 | 1,270 | 1,709 | 428 |
| Death rate attributable to tobacco | 8 | 106 | 303 | 397 | 321 | 141 |
| Proportion of deaths attributable to tobacco (%) | 20 | 40 | 40 | 31 | 19 | 33 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 73 | 222 | 298 | 224 | 101 |
| Death rate attributable to tobacco | 3 | 66 | 205 | 268 | 183 | 91 |
| Proportion of deaths attributable to tobacco (%) | 68 | 90 | 92 | 90 | 82 | 90 |
| Death rate: All other malignant neoplasms | 35 | 192 | 539 | 972 | 1,485 | 327 |
| Death rate attributable to tobacco | 4 | 41 | 98 | 129 | 137 | 50 |
| Proportion of deaths attributable to tobacco (%) | 13 | 21 | 18 | 13 | 9 | 15 |
| Death rate: All Cardiovascular diseases | 40 | 236 | 788 | 2,297 | 8,563 | 827 |
| Death rate attributable to tobacco | 27 | 150 | 303 | 408 | 390 | 168 |
| Proportion of deaths attributable to tobacco (%) | 66 | 64 | 38 | 18 | 5 | 20 |
| Death rate: Ischaemic heart disease | 13 | 126 | 432 | 1,072 | 2,871 | 351 |
| Death rate attributable to tobacco | 9 | 78 | 163 | 184 | 136 | 81 |
| Proportion of deaths attributable to tobacco (%) | 71 | 62 | 38 | 17 | 5 | 23 |
| Death rate: Cerebrovascular disease | 10 | 54 | 190 | 599 | 1,856 | 195 |
| Death rate attributable to tobacco | 5 | 34 | 70 | 103 | 11 | 36 |
| Proportion of deaths attributable to tobacco (%) | 53 | 63 | 37 | 17 | 1 | 18 |
| Death rate: Other cardiovascular diseases | 16 | 57 | 166 | 626 | 3,835 | 282 |
| Death rate attributable to tobacco | 12 | 38 | 69 | 122 | 243 | 51 |
| Proportion of deaths attributable to tobacco (%) | 71 | 67 | 42 | 19 | 6 | 18 |
| Death rate: Respiratory diseases | 2 | 11 | 59 | 166 | 309 | 44 |
| Death rate attributable to tobacco | 1 | 7 | 43 | 117 | 188 | 30 |
| Proportion of deaths attributable to tobacco (%) | 45 | 67 | 73 | 70 | 61 | 67 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 6 | 44 | 131 | 228 | 33 |
| Death rate attributable to tobacco | 0 | 6 | 38 | 106 | 171 | 26 |
| Proportion of deaths attributable to tobacco (%) | 81 | 88 | 85 | 81 | 75 | 81 |
| Death rate: Other respiratory diseases | 2 | 5 | 14 | 36 | 81 | 12 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 10 | 17 | 3 |
| Proportion of deaths attributable to tobacco (%) | 35 | 40 | 35 | 29 | 21 | 30 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 281 | 1,041 | 2,897 | 6,059 | 14,292 | 1,821 | 93 | 409 | 1,178 | 3,369 | 11,498 | 1,413 |
| Death rate attributable to tobacco | 67 | 447 | 1,226 | 1,849 | 1,608 | 566 | 7 | 105 | 227 | 416 | 757 | 167 |
| Proportion of deaths attributable to tobacco (%) | 24 | 43 | 42 | 31 | 11 | 31 | 7 | 26 | 19 | 12 | 7 | 12 |
| <u>Death rate: Communicable diseases</u> | 11 | 28 | 63 | 171 | 678 | 57 | 4 | 9 | 22 | 84 | 447 | 43 |
| Death rate attributable to tobacco | 2 | 9 | 20 | 52 | 167 | 16 | 0 | 2 | 3 | 12 | 71 | 7 |
| Proportion of deaths attributable to tobacco (%) | 23 | 31 | 32 | 30 | 25 | 28 | 6 | 18 | 14 | 15 | 16 | 15 |
| <u>Death rate: Tuberculosis</u> | 2 | 7 | 10 | 17 | 24 | 7 | 0 | 1 | 2 | 4 | 9 | 2 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 33 | 36 | 34 | 28 | 20 | 32 | 8 | 19 | 13 | 11 | 10 | 12 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 14 | 39 | 131 | 610 | 41 | 1 | 5 | 13 | 63 | 408 | 35 |
| Death rate attributable to tobacco | 2 | 6 | 17 | 47 | 162 | 14 | 0 | 1 | 3 | 12 | 70 | 6 |
| Proportion of deaths attributable to tobacco (%) | 42 | 45 | 43 | 36 | 27 | 34 | 14 | 31 | 22 | 19 | 17 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 161 | 858 | 2,686 | 5,720 | 13,302 | 1,621 | 72 | 374 | 1,123 | 3,212 | 10,784 | 1,326 |
| Death rate attributable to tobacco | 65 | 439 | 1,206 | 1,797 | 1,441 | 550 | 7 | 103 | 224 | 404 | 685 | 161 |
| Proportion of deaths attributable to tobacco (%) | 40 | 51 | 45 | 31 | 11 | 34 | 9 | 28 | 20 | 13 | 6 | 12 |
| <u>Death rate: All malignant neoplasms</u> | 41 | 321 | 1,109 | 1,931 | 2,573 | 527 | 38 | 211 | 489 | 865 | 1,334 | 342 |
| Death rate attributable to tobacco | 14 | 176 | 594 | 878 | 780 | 250 | 2 | 41 | 76 | 102 | 121 | 46 |
| Proportion of deaths attributable to tobacco (%) | 33 | 55 | 54 | 45 | 30 | 47 | 6 | 19 | 15 | 12 | 9 | 13 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 113 | 416 | 628 | 501 | 170 | 3 | 35 | 70 | 96 | 104 | 41 |
| Death rate attributable to tobacco | 6 | 106 | 399 | 597 | 459 | 161 | 1 | 28 | 54 | 66 | 64 | 30 |
| Proportion of deaths attributable to tobacco (%) | 77 | 94 | 96 | 95 | 92 | 94 | 41 | 80 | 76 | 69 | 61 | 73 |
| <u>Death rate: All other malignant neoplasms</u> | 33 | 208 | 693 | 1,304 | 2,072 | 357 | 36 | 177 | 419 | 769 | 1,230 | 301 |
| Death rate attributable to tobacco | 8 | 70 | 195 | 282 | 321 | 89 | 1 | 13 | 22 | 36 | 57 | 16 |
| Proportion of deaths attributable to tobacco (%) | 23 | 34 | 28 | 22 | 15 | 25 | 3 | 7 | 5 | 5 | 5 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 63 | 374 | 1,207 | 2,979 | 9,032 | 842 | 17 | 106 | 460 | 1,879 | 8,359 | 813 |
| Death rate attributable to tobacco | 49 | 248 | 523 | 661 | 213 | 246 | 4 | 58 | 131 | 253 | 467 | 99 |
| Proportion of deaths attributable to tobacco (%) | 77 | 66 | 43 | 22 | 2 | 29 | 24 | 55 | 28 | 13 | 6 | 12 |
| <u>Death rate: Ischaemic heart disease</u> | 23 | 215 | 712 | 1,589 | 3,341 | 419 | 3 | 42 | 214 | 755 | 2,667 | 291 |
| Death rate attributable to tobacco | 18 | 139 | 300 | 342 | 70 | 132 | 1 | 21 | 56 | 86 | 165 | 36 |
| Proportion of deaths attributable to tobacco (%) | 79 | 65 | 42 | 22 | 2 | 31 | 15 | 51 | 26 | 11 | 6 | 12 |
| <u>Death rate: Cerebrovascular disease</u> | 13 | 74 | 264 | 685 | 1,814 | 179 | 7 | 35 | 131 | 547 | 1,874 | 208 |
| Death rate attributable to tobacco | 8 | 49 | 111 | 134 | 38 | 49 | 2 | 20 | 39 | 84 | - | 24 |
| Proportion of deaths attributable to tobacco (%) | 63 | 66 | 42 | 20 | 2 | 27 | 34 | 57 | 30 | 15 | - | 12 |
| <u>Death rate: Other cardiovascular diseases</u> | 27 | 85 | 231 | 706 | 3,877 | 244 | 6 | 29 | 115 | 577 | 3,817 | 314 |
| Death rate attributable to tobacco | 22 | 60 | 112 | 185 | 106 | 65 | 1 | 17 | 36 | 83 | 302 | 39 |
| Proportion of deaths attributable to tobacco (%) | 83 | 70 | 48 | 26 | 3 | 27 | 19 | 57 | 31 | 14 | 8 | 12 |
| <u>Death rate: Respiratory diseases</u> | 3 | 16 | 100 | 311 | 617 | 65 | 1 | 6 | 26 | 78 | 175 | 26 |
| Death rate attributable to tobacco | 1 | 12 | 79 | 240 | 427 | 49 | 0 | 3 | 15 | 41 | 85 | 13 |
| Proportion of deaths attributable to tobacco (%) | 52 | 72 | 79 | 77 | 69 | 75 | 25 | 56 | 55 | 53 | 48 | 51 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 10 | 79 | 256 | 496 | 51 | 0 | 3 | 17 | 54 | 111 | 17 |
| Death rate attributable to tobacco | 1 | 9 | 70 | 220 | 395 | 43 | 0 | 3 | 13 | 37 | 74 | 12 |
| Proportion of deaths attributable to tobacco (%) | 89 | 90 | 89 | 86 | 80 | 85 | 61 | 81 | 72 | 68 | 66 | 69 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 7 | 21 | 55 | 121 | 14 | 1 | 3 | 9 | 24 | 64 | 9 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 20 | 32 | 5 | 0 | 1 | 2 | 4 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | 42 | 45 | 43 | 36 | 27 | 37 | 14 | 31 | 22 | 19 | 17 | 20 |

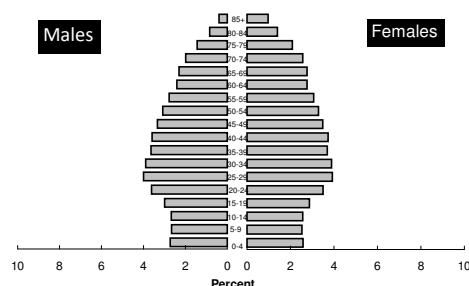
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Portugal

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 1,953 | 1,881 | 3,834 |
| 30-44 | 1,164 | 1,184 | 2,348 |
| 45-59 | 962 | 1,031 | 1,994 |
| 60-69 | 492 | 579 | 1,071 |
| 70-79 | 359 | 487 | 846 |
| 80+ | 130 | 248 | 379 |
| Total | 5,060 | 5,411 | 10,472 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1369 per 100,000 population) was about 13.6 times that for communicable diseases (101 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 191 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 52 deaths per 100,000 population but with 77% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 12% of all lower respiratory infection deaths and 14% of all tuberculosis deaths.

- The death rate due to tobacco in men was (288 per 100,000 men aged 30 years and over) compared with women (37 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 3% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 25.3% of those whose death was due to a lower respiratory infection, 41.1% of deaths due to the category of 'all cardiovascular diseases combined', and 81.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 172 | 470 | 1,264 | 3,615 | 11,722 | 1,536 |
| Death rate attributable to tobacco | 24 | 110 | 211 | 373 | 550 | 155 |
| Proportion of deaths attributable to tobacco (%) | 14 | 23 | 17 | 10 | 5 | 10 |
| Death rate: Communicable diseases | 34 | 28 | 49 | 185 | 860 | 101 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 17 | 67 | 8 |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 10 | 9 | 8 | 8 |
| Death rate: Tuberculosis | 2 | 3 | 6 | 15 | 21 | 6 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 2 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 23 | 21 | 14 | 11 | 8 | 14 |
| Death rate: Lower respiratory infections | 4 | 7 | 24 | 116 | 693 | 62 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 15 | 66 | 7 |
| Proportion of deaths attributable to tobacco (%) | 28 | 25 | 16 | 13 | 10 | 12 |
| Death rate: Noncommunicable diseases | 99 | 396 | 1,146 | 3,321 | 10,628 | 1,369 |
| Death rate attributable to tobacco | 23 | 108 | 206 | 356 | 482 | 147 |
| Proportion of deaths attributable to tobacco (%) | 23 | 27 | 18 | 11 | 5 | 11 |
| Death rate: All malignant neoplasms | 39 | 189 | 489 | 969 | 1,606 | 365 |
| Death rate attributable to tobacco | 8 | 56 | 118 | 170 | 161 | 70 |
| Proportion of deaths attributable to tobacco (%) | 20 | 30 | 24 | 18 | 10 | 19 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 37 | 89 | 137 | 129 | 52 |
| Death rate attributable to tobacco | 2 | 30 | 72 | 106 | 88 | 40 |
| Proportion of deaths attributable to tobacco (%) | 58 | 81 | 81 | 78 | 68 | 77 |
| Death rate: All other malignant neoplasms | 35 | 152 | 400 | 832 | 1,478 | 313 |
| Death rate attributable to tobacco | 6 | 27 | 45 | 64 | 74 | 30 |
| Proportion of deaths attributable to tobacco (%) | 16 | 18 | 11 | 8 | 5 | 9 |
| Death rate: All Cardiovascular diseases | 24 | 107 | 388 | 1,485 | 6,337 | 654 |
| Death rate attributable to tobacco | 13 | 44 | 62 | 94 | 68 | 44 |
| Proportion of deaths attributable to tobacco (%) | 55 | 41 | 16 | 6 | 1 | 7 |
| Death rate: Ischaemic heart disease | 11 | 51 | 160 | 482 | 1,473 | 191 |
| Death rate attributable to tobacco | 7 | 21 | 26 | 31 | 22 | 18 |
| Proportion of deaths attributable to tobacco (%) | 60 | 42 | 16 | 6 | 2 | 10 |
| Death rate: Cerebrovascular disease | 7 | 34 | 158 | 715 | 3,078 | 305 |
| Death rate attributable to tobacco | 3 | 13 | 24 | 43 | 11 | 15 |
| Proportion of deaths attributable to tobacco (%) | 44 | 39 | 15 | 6 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 6 | 22 | 69 | 288 | 1,786 | 159 |
| Death rate attributable to tobacco | 4 | 9 | 12 | 21 | 35 | 11 |
| Proportion of deaths attributable to tobacco (%) | 59 | 42 | 17 | 7 | 2 | 7 |
| Death rate: Respiratory diseases | 3 | 13 | 49 | 211 | 855 | 89 |
| Death rate attributable to tobacco | 1 | 6 | 22 | 80 | 231 | 29 |
| Proportion of deaths attributable to tobacco (%) | 37 | 45 | 44 | 38 | 27 | 33 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 5 | 29 | 113 | 352 | 41 |
| Death rate attributable to tobacco | 1 | 4 | 19 | 68 | 184 | 24 |
| Proportion of deaths attributable to tobacco (%) | 78 | 73 | 65 | 60 | 52 | 57 |
| Death rate: Other respiratory diseases | 2 | 8 | 21 | 98 | 503 | 48 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 12 | 47 | 6 |
| Proportion of deaths attributable to tobacco (%) | 24 | 25 | 15 | 12 | 9 | 12 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 256 | 664 | 1,795 | 4,797 | 13,276 | 1,696 | 90 | 289 | 811 | 2,745 | 10,907 | 1,394 |
| Death rate attributable to tobacco | 45 | 211 | 430 | 781 | 1,116 | 288 | 3 | 16 | 24 | 73 | 252 | 37 |
| Proportion of deaths attributable to tobacco (%) | 18 | 32 | 24 | 16 | 8 | 17 | 4 | 6 | 3 | 3 | 2 | 3 |
| <u>Death rate: Communicable diseases</u> | 56 | 45 | 76 | 267 | 1,056 | 122 | 12 | 12 | 27 | 124 | 758 | 83 |
| Death rate attributable to tobacco | 3 | 5 | 10 | 35 | 133 | 14 | 0 | 0 | 0 | 3 | 33 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 11 | 13 | 13 | 13 | 11 | 1 | 2 | 2 | 2 | 4 | 4 |
| <i>Death rate: Tuberculosis</i> | 3 | 6 | 10 | 27 | 38 | 9 | 0 | 1 | 2 | 6 | 12 | 2 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 25 | 23 | 16 | 13 | 11 | 17 | 5 | 3 | 2 | 2 | 3 | 3 |
| <i>Death rate: Lower respiratory infections</i> | 6 | 12 | 37 | 174 | 871 | 68 | 1 | 3 | 13 | 74 | 599 | 56 |
| Death rate attributable to tobacco | 2 | 4 | 8 | 32 | 129 | 12 | 0 | 0 | 0 | 3 | 32 | 3 |
| Proportion of deaths attributable to tobacco (%) | 33 | 31 | 22 | 18 | 15 | 18 | 9 | 6 | 3 | 4 | 5 | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 132 | 542 | 1,609 | 4,362 | 11,900 | 1,475 | 66 | 259 | 752 | 2,555 | 9,961 | 1,275 |
| Death rate attributable to tobacco | 43 | 206 | 420 | 746 | 983 | 274 | 3 | 16 | 24 | 70 | 219 | 35 |
| Proportion of deaths attributable to tobacco (%) | 32 | 38 | 26 | 17 | 8 | 19 | 5 | 6 | 3 | 3 | 2 | 3 |
| <i>Death rate: All malignant neoplasms</i> | 44 | 246 | 690 | 1,408 | 2,396 | 465 | 34 | 135 | 318 | 646 | 1,192 | 276 |
| Death rate attributable to tobacco | 15 | 111 | 246 | 377 | 404 | 139 | 1 | 6 | 9 | 18 | 35 | 8 |
| Proportion of deaths attributable to tobacco (%) | 34 | 45 | 36 | 27 | 17 | 30 | 3 | 4 | 3 | 3 | 3 | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 6 | 64 | 167 | 266 | 263 | 90 | 2 | 11 | 23 | 41 | 58 | 17 |
| Death rate attributable to tobacco | 4 | 57 | 150 | 235 | 221 | 79 | 1 | 4 | 6 | 11 | 18 | 5 |
| Proportion of deaths attributable to tobacco (%) | 70 | 89 | 90 | 88 | 84 | 88 | 28 | 37 | 28 | 28 | 30 | 30 |
| <i>Death rate: All other malignant neoplasms</i> | 38 | 182 | 524 | 1,141 | 2,133 | 375 | 32 | 125 | 295 | 605 | 1,134 | 259 |
| Death rate attributable to tobacco | 11 | 54 | 96 | 142 | 182 | 60 | 0 | 2 | 2 | 6 | 17 | 3 |
| Proportion of deaths attributable to tobacco (%) | 29 | 29 | 18 | 12 | 9 | 16 | 1 | 1 | 1 | 1 | 1 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 37 | 159 | 549 | 1,823 | 6,266 | 623 | 11 | 59 | 250 | 1,236 | 6,374 | 681 |
| Death rate attributable to tobacco | 25 | 82 | 122 | 177 | 69 | 77 | 2 | 9 | 12 | 34 | 68 | 14 |
| Proportion of deaths attributable to tobacco (%) | 68 | 51 | 22 | 10 | 1 | 12 | 15 | 15 | 5 | 3 | 1 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 19 | 83 | 247 | 645 | 1,584 | 213 | 4 | 20 | 86 | 362 | 1,414 | 171 |
| Death rate attributable to tobacco | 13 | 42 | 53 | 63 | 16 | 34 | 0 | 3 | 3 | 8 | 25 | 4 |
| Proportion of deaths attributable to tobacco (%) | 71 | 50 | 21 | 10 | 1 | 16 | 9 | 13 | 4 | 2 | 2 | 3 |
| <i>Death rate: Cerebrovascular disease</i> | 9 | 47 | 213 | 863 | 3,016 | 278 | 4 | 23 | 112 | 605 | 3,111 | 329 |
| Death rate attributable to tobacco | 5 | 24 | 45 | 75 | 31 | 26 | 1 | 4 | 5 | 18 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 54 | 51 | 21 | 9 | 1 | 10 | 22 | 16 | 5 | 3 | - | 1 |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 29 | 89 | 315 | 1,666 | 133 | 3 | 16 | 53 | 269 | 1,849 | 182 |
| Death rate attributable to tobacco | 7 | 16 | 23 | 39 | 22 | 17 | 0 | 3 | 3 | 7 | 42 | 5 |
| Proportion of deaths attributable to tobacco (%) | 76 | 56 | 26 | 12 | 1 | 13 | 11 | 16 | 5 | 3 | 2 | 3 |
| <u>Death rate: Respiratory diseases</u> | 4 | 21 | 78 | 339 | 1,190 | 110 | 2 | 6 | 25 | 117 | 680 | 70 |
| Death rate attributable to tobacco | 2 | 11 | 44 | 167 | 470 | 50 | 0 | 1 | 3 | 16 | 106 | 11 |
| Proportion of deaths attributable to tobacco (%) | 48 | 52 | 56 | 49 | 39 | 46 | 13 | 19 | 12 | 13 | 16 | 15 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 9 | 50 | 201 | 578 | 59 | 0 | 2 | 11 | 48 | 233 | 26 |
| Death rate attributable to tobacco | 1 | 7 | 38 | 142 | 379 | 41 | 0 | 1 | 3 | 13 | 82 | 8 |
| Proportion of deaths attributable to tobacco (%) | 84 | 83 | 75 | 71 | 66 | 70 | 47 | 38 | 24 | 27 | 35 | 32 |
| <i>Death rate: Other respiratory diseases</i> | 3 | 13 | 28 | 138 | 612 | 51 | 2 | 3 | 14 | 69 | 446 | 45 |
| Death rate attributable to tobacco | 1 | 4 | 6 | 25 | 91 | 9 | 0 | 0 | 0 | 3 | 24 | 2 |
| Proportion of deaths attributable to tobacco (%) | 33 | 31 | 22 | 18 | 15 | 18 | 9 | 6 | 3 | 4 | 5 | 5 |

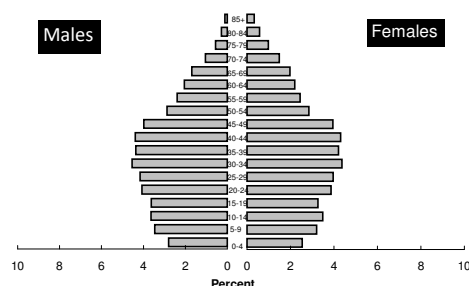
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Republic of Korea

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 10,371 | 9,687 | 20,057 |
| 30-44 | 6,337 | 6,145 | 12,482 |
| 45-59 | 4,413 | 4,401 | 8,814 |
| 60-69 | 1,784 | 1,990 | 3,774 |
| 70-79 | 761 | 1,173 | 1,934 |
| 80+ | 192 | 431 | 623 |
| Total | 23,858 | 23,826 | 47,684 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (830 per 100,000 population) was about 18.2 times that for communicable diseases (46 per 100,000). Tobacco was responsible for 24% of all NCDs compared with 25% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 71 deaths per 100,000 population aged 30 years and over, with 23% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 63 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 40% of all lower respiratory infection deaths and 24% of all tuberculosis deaths.

- The death rate due to tobacco in men was (299 per 100,000 men aged 30 years and over) compared with women (128 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 26% for men and 15% for women.

- Among those who died prematurely, almost one in every 9 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 19.2% of those whose death was due to a lower respiratory infection, 33.5% of deaths due to the category of 'all cardiovascular diseases combined', and 74% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 156 | 496 | 1,518 | 3,758 | 12,723 | 986 |
| Death rate attributable to tobacco | 17 | 82 | 374 | 927 | 2,729 | 211 |
| Proportion of deaths attributable to tobacco (%) | 11 | 17 | 25 | 25 | 21 | 21 |
| Death rate: Communicable diseases | 7 | 18 | 45 | 152 | 896 | 46 |
| Death rate attributable to tobacco | 1 | 1 | 7 | 32 | 324 | 11 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 15 | 21 | 36 | 25 |
| Death rate: Tuberculosis | 3 | 7 | 18 | 52 | 210 | 15 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 12 | 71 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 14 | 21 | 23 | 34 | 24 |
| Death rate: Lower respiratory infections | 1 | 2 | 11 | 65 | 536 | 19 |
| Death rate attributable to tobacco | 0 | 0 | 3 | 20 | 251 | 8 |
| Proportion of deaths attributable to tobacco (%) | 20 | 19 | 26 | 31 | 47 | 40 |
| Death rate: Noncommunicable diseases | 89 | 385 | 1,311 | 3,352 | 11,257 | 830 |
| Death rate attributable to tobacco | 16 | 81 | 367 | 895 | 2,406 | 200 |
| Proportion of deaths attributable to tobacco (%) | 18 | 21 | 28 | 27 | 21 | 24 |
| Death rate: All malignant neoplasms | 38 | 184 | 617 | 1,192 | 2,377 | 297 |
| Death rate attributable to tobacco | 6 | 46 | 229 | 463 | 955 | 103 |
| Proportion of deaths attributable to tobacco (%) | 17 | 25 | 37 | 39 | 40 | 35 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 27 | 141 | 304 | 545 | 63 |
| Death rate attributable to tobacco | 2 | 20 | 124 | 273 | 504 | 55 |
| Proportion of deaths attributable to tobacco (%) | 49 | 74 | 88 | 90 | 92 | 87 |
| Death rate: All other malignant neoplasms | 34 | 157 | 475 | 889 | 1,832 | 234 |
| Death rate attributable to tobacco | 5 | 26 | 105 | 190 | 451 | 48 |
| Proportion of deaths attributable to tobacco (%) | 14 | 17 | 22 | 21 | 25 | 21 |
| Death rate: All Cardiovascular diseases | 20 | 88 | 369 | 1,248 | 5,132 | 291 |
| Death rate attributable to tobacco | 9 | 30 | 95 | 243 | 481 | 54 |
| Proportion of deaths attributable to tobacco (%) | 46 | 34 | 26 | 19 | 9 | 19 |
| Death rate: Ischaemic heart disease | 5 | 30 | 100 | 286 | 1,130 | 71 |
| Death rate attributable to tobacco | 3 | 10 | 26 | 51 | 200 | 16 |
| Proportion of deaths attributable to tobacco (%) | 54 | 34 | 26 | 18 | 18 | 23 |
| Death rate: Cerebrovascular disease | 9 | 46 | 224 | 781 | 2,885 | 169 |
| Death rate attributable to tobacco | 4 | 15 | 57 | 155 | 40 | 26 |
| Proportion of deaths attributable to tobacco (%) | 37 | 33 | 25 | 20 | 1 | 15 |
| Death rate: Other cardiovascular diseases | 5 | 12 | 46 | 181 | 1,117 | 51 |
| Death rate attributable to tobacco | 3 | 4 | 13 | 37 | 241 | 12 |
| Proportion of deaths attributable to tobacco (%) | 52 | 35 | 27 | 20 | 22 | 24 |
| Death rate: Respiratory diseases | 1 | 8 | 57 | 250 | 1,166 | 55 |
| Death rate attributable to tobacco | 0 | 3 | 30 | 149 | 805 | 34 |
| Proportion of deaths attributable to tobacco (%) | 28 | 36 | 52 | 60 | 69 | 62 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 28 | 139 | 606 | 28 |
| Death rate attributable to tobacco | 0 | 2 | 22 | 115 | 543 | 24 |
| Proportion of deaths attributable to tobacco (%) | 72 | 68 | 79 | 83 | 90 | 85 |
| Death rate: Other respiratory diseases | 1 | 5 | 29 | 111 | 559 | 26 |
| Death rate attributable to tobacco | 0 | 1 | 8 | 34 | 262 | 10 |
| Proportion of deaths attributable to tobacco (%) | 19 | 18 | 26 | 31 | 47 | 37 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 223 | 752 | 2,257 | 5,069 | 14,908 | 1,148 | 86 | 240 | 855 | 2,907 | 11,751 | 832 |
| Death rate attributable to tobacco | 30 | 148 | 683 | 1,606 | 3,926 | 299 | 3 | 16 | 97 | 486 | 2,197 | 128 |
| Proportion of deaths attributable to tobacco (%) | 14 | 20 | 30 | 32 | 26 | 26 | 4 | 7 | 11 | 17 | 19 | 15 |
| <u>Death rate: Communicable diseases</u> | 10 | 29 | 69 | 232 | 1,217 | 54 | 3 | 7 | 23 | 99 | 753 | 38 |
| Death rate attributable to tobacco | 1 | 3 | 13 | 58 | 428 | 13 | 0 | 0 | 1 | 15 | 277 | 10 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 19 | 25 | 35 | 23 | 3 | 2 | 4 | 15 | 37 | 26 |
| <i>Death rate: Tuberculosis</i> | 5 | 13 | 33 | 91 | 357 | 21 | 1 | 2 | 5 | 26 | 145 | 9 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 24 | 123 | 5 | 0 | 0 | 0 | 4 | 48 | 2 |
| Proportion of deaths attributable to tobacco (%) | 18 | 16 | 23 | 26 | 34 | 24 | 5 | 4 | 7 | 15 | 34 | 22 |
| <i>Death rate: Lower respiratory infections</i> | 1 | 4 | 19 | 102 | 706 | 20 | 0 | 1 | 5 | 42 | 461 | 19 |
| Death rate attributable to tobacco | 0 | 1 | 6 | 34 | 304 | 7 | 0 | 0 | 1 | 11 | 227 | 8 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 30 | 34 | 43 | 37 | 10 | 7 | 13 | 25 | 49 | 43 |
| <u>Death rate: Noncommunicable diseases</u> | 122 | 573 | 1,923 | 4,469 | 12,958 | 936 | 55 | 196 | 762 | 2,626 | 10,499 | 730 |
| Death rate attributable to tobacco | 29 | 145 | 670 | 1,547 | 3,498 | 287 | 3 | 16 | 96 | 471 | 1,920 | 118 |
| Proportion of deaths attributable to tobacco (%) | 24 | 25 | 35 | 35 | 27 | 31 | 6 | 8 | 13 | 18 | 18 | 16 |
| <i>Death rate: All malignant neoplasms</i> | 43 | 258 | 950 | 1,884 | 3,825 | 391 | 33 | 109 | 318 | 743 | 1,732 | 207 |
| Death rate attributable to tobacco | 11 | 85 | 440 | 938 | 1,848 | 171 | 1 | 7 | 40 | 154 | 558 | 38 |
| Proportion of deaths attributable to tobacco (%) | 26 | 33 | 46 | 50 | 48 | 44 | 4 | 6 | 13 | 21 | 32 | 18 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 42 | 248 | 574 | 1,004 | 95 | 2 | 12 | 46 | 128 | 341 | 32 |
| Death rate attributable to tobacco | 2 | 35 | 231 | 543 | 962 | 87 | 1 | 5 | 29 | 98 | 300 | 23 |
| Proportion of deaths attributable to tobacco (%) | 59 | 83 | 93 | 95 | 96 | 92 | 30 | 42 | 64 | 77 | 88 | 72 |
| <i>Death rate: All other malignant neoplasms</i> | 38 | 216 | 702 | 1,311 | 2,820 | 296 | 30 | 98 | 272 | 615 | 1,392 | 175 |
| Death rate attributable to tobacco | 9 | 50 | 210 | 396 | 886 | 83 | 1 | 2 | 11 | 56 | 257 | 15 |
| Proportion of deaths attributable to tobacco (%) | 23 | 23 | 30 | 30 | 31 | 28 | 2 | 2 | 4 | 9 | 18 | 9 |
| <i>Death rate: All Cardiovascular diseases</i> | 31 | 131 | 498 | 1,415 | 5,016 | 274 | 9 | 45 | 254 | 1,140 | 5,183 | 306 |
| Death rate attributable to tobacco | 17 | 51 | 149 | 271 | 222 | 63 | 2 | 8 | 46 | 225 | 595 | 47 |
| Proportion of deaths attributable to tobacco (%) | 54 | 39 | 30 | 19 | 4 | 23 | 19 | 18 | 18 | 20 | 11 | 15 |
| <i>Death rate: Ischaemic heart disease</i> | 9 | 50 | 149 | 349 | 1,124 | 76 | 1 | 10 | 55 | 245 | 1,132 | 66 |
| Death rate attributable to tobacco | 6 | 19 | 44 | 70 | 48 | 19 | 0 | 2 | 9 | 40 | 268 | 13 |
| Proportion of deaths attributable to tobacco (%) | 61 | 38 | 30 | 20 | 4 | 25 | 10 | 16 | 16 | 16 | 24 | 20 |
| <i>Death rate: Cerebrovascular disease</i> | 14 | 65 | 294 | 895 | 3,009 | 160 | 5 | 27 | 161 | 706 | 2,829 | 178 |
| Death rate attributable to tobacco | 6 | 25 | 86 | 162 | 129 | 33 | 1 | 5 | 30 | 151 | - | 19 |
| Proportion of deaths attributable to tobacco (%) | 42 | 39 | 29 | 18 | 4 | 21 | 24 | 19 | 19 | 21 | - | 11 |
| <i>Death rate: Other cardiovascular diseases</i> | 8 | 17 | 56 | 170 | 883 | 39 | 3 | 8 | 38 | 188 | 1,221 | 62 |
| Death rate attributable to tobacco | 5 | 7 | 19 | 39 | 46 | 10 | 0 | 1 | 7 | 35 | 328 | 14 |
| Proportion of deaths attributable to tobacco (%) | 67 | 43 | 34 | 23 | 5 | 26 | 12 | 18 | 19 | 19 | 27 | 23 |
| <u>Death rate: Respiratory diseases</u> | 2 | 13 | 98 | 436 | 1,793 | 68 | 1 | 3 | 20 | 129 | 886 | 42 |
| Death rate attributable to tobacco | 1 | 5 | 56 | 281 | 1,257 | 43 | 0 | 1 | 6 | 63 | 604 | 25 |
| Proportion of deaths attributable to tobacco (%) | 35 | 41 | 57 | 65 | 70 | 63 | 14 | 19 | 31 | 49 | 68 | 59 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 5 | 51 | 263 | 1,050 | 38 | 0 | 1 | 8 | 59 | 409 | 19 |
| Death rate attributable to tobacco | 0 | 4 | 42 | 223 | 937 | 33 | 0 | 0 | 5 | 45 | 368 | 16 |
| Proportion of deaths attributable to tobacco (%) | 77 | 74 | 82 | 85 | 89 | 86 | 50 | 43 | 59 | 76 | 90 | 84 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 8 | 48 | 173 | 743 | 30 | 1 | 2 | 12 | 70 | 478 | 23 |
| Death rate attributable to tobacco | 0 | 2 | 14 | 59 | 320 | 10 | 0 | 0 | 2 | 18 | 236 | 9 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 30 | 34 | 43 | 35 | 10 | 7 | 13 | 25 | 49 | 39 |

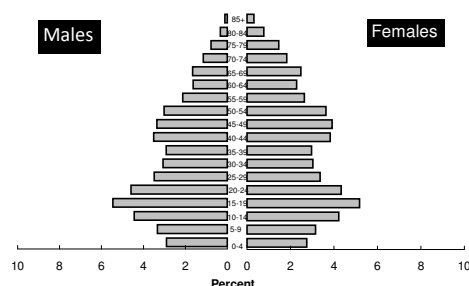
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Republic of Moldova

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 950 | 902 | 1,853 |
| 30-44 | 373 | 385 | 758 |
| 45-59 | 333 | 400 | 733 |
| 60-69 | 129 | 187 | 316 |
| 70-79 | 75 | 129 | 205 |
| 80+ | 17 | 43 | 60 |
| Total | 1,878 | 2,047 | 3,925 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2108 per 100,000 population) was about 29 times that for communicable diseases (73 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 22% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 958 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 44 deaths per 100,000 population but with 79% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 24% of all lower respiratory infection deaths and 23% of all tuberculosis deaths.

- The death rate due to tobacco in men was (487 per 100,000 men aged 30 years and over) compared with women (99 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 19% for men and 5% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 30.1% of those whose death was due to a lower respiratory infection, 43.5% of deaths due to the category of 'all cardiovascular diseases combined', and 84% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 362 | 1,180 | 3,401 | 7,351 | 18,630 | 2,337 |
| Death rate attributable to tobacco | 60 | 273 | 618 | 523 | 287 | 273 |
| Proportion of deaths attributable to tobacco (%) | 17 | 23 | 18 | 7 | 2 | 12 |
| Death rate: Communicable diseases | 55 | 85 | 81 | 78 | 93 | 73 |
| Death rate attributable to tobacco | 14 | 22 | 14 | 7 | 3 | 16 |
| Proportion of deaths attributable to tobacco (%) | 26 | 26 | 18 | 9 | 3 | 22 |
| Death rate: Tuberculosis | 32 | 35 | 24 | 18 | 4 | 29 |
| Death rate attributable to tobacco | 8 | 8 | 4 | 1 | 0 | 7 |
| Proportion of deaths attributable to tobacco (%) | 26 | 24 | 17 | 7 | 3 | 23 |
| Death rate: Lower respiratory infections | 17 | 45 | 49 | 55 | 72 | 37 |
| Death rate attributable to tobacco | 6 | 14 | 10 | 6 | 3 | 9 |
| Proportion of deaths attributable to tobacco (%) | 32 | 30 | 21 | 11 | 4 | 24 |
| Death rate: Noncommunicable diseases | 196 | 920 | 3,126 | 7,093 | 18,324 | 2,108 |
| Death rate attributable to tobacco | 46 | 251 | 604 | 516 | 284 | 257 |
| Proportion of deaths attributable to tobacco (%) | 23 | 27 | 19 | 7 | 2 | 12 |
| Death rate: All malignant neoplasms | 48 | 239 | 588 | 736 | 623 | 283 |
| Death rate attributable to tobacco | 9 | 73 | 153 | 114 | 48 | 65 |
| Proportion of deaths attributable to tobacco (%) | 19 | 30 | 26 | 16 | 8 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 43 | 103 | 101 | 61 | 44 |
| Death rate attributable to tobacco | 3 | 36 | 86 | 71 | 32 | 35 |
| Proportion of deaths attributable to tobacco (%) | 64 | 84 | 84 | 70 | 54 | 79 |
| Death rate: All other malignant neoplasms | 43 | 196 | 485 | 636 | 562 | 238 |
| Death rate attributable to tobacco | 6 | 36 | 67 | 44 | 16 | 30 |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 14 | 7 | 3 | 13 |
| Death rate: All Cardiovascular diseases | 56 | 368 | 1,843 | 5,344 | 16,019 | 1,426 |
| Death rate attributable to tobacco | 33 | 160 | 357 | 237 | 25 | 147 |
| Proportion of deaths attributable to tobacco (%) | 60 | 44 | 19 | 4 | 0 | 10 |
| Death rate: Ischaemic heart disease | 27 | 179 | 1,099 | 3,635 | 12,306 | 958 |
| Death rate attributable to tobacco | 17 | 79 | 211 | 159 | 19 | 83 |
| Proportion of deaths attributable to tobacco (%) | 64 | 44 | 19 | 4 | 0 | 9 |
| Death rate: Cerebrovascular disease | 17 | 141 | 643 | 1,555 | 3,475 | 409 |
| Death rate attributable to tobacco | 9 | 59 | 124 | 70 | 5 | 50 |
| Proportion of deaths attributable to tobacco (%) | 51 | 42 | 19 | 4 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 12 | 49 | 101 | 154 | 239 | 59 |
| Death rate attributable to tobacco | 7 | 22 | 21 | 8 | 1 | 15 |
| Proportion of deaths attributable to tobacco (%) | 62 | 45 | 21 | 5 | 0 | 25 |
| Death rate: Respiratory diseases | 6 | 28 | 142 | 365 | 1,020 | 99 |
| Death rate attributable to tobacco | 3 | 16 | 91 | 163 | 211 | 43 |
| Proportion of deaths attributable to tobacco (%) | 51 | 59 | 64 | 45 | 21 | 43 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 16 | 122 | 339 | 975 | 87 |
| Death rate attributable to tobacco | 2 | 13 | 87 | 161 | 209 | 41 |
| Proportion of deaths attributable to tobacco (%) | 85 | 80 | 71 | 47 | 21 | 47 |
| Death rate: Other respiratory diseases | 4 | 12 | 19 | 26 | 45 | 12 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 2 | 1 | 3 |
| Proportion of deaths attributable to tobacco (%) | 33 | 30 | 20 | 8 | 3 | 21 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------|-------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 527 | 1,651 | 4,477 | 9,005 | 20,031 | 2,535 | 203 | 788 | 2,658 | 6,386 | 18,063 | 2,177 |
| Death rate attributable to tobacco | 109 | 499 | 1,132 | 1,083 | 995 | 487 | 13 | 84 | 264 | 197 | - | 99 |
| Proportion of deaths attributable to tobacco (%) | 21 | 30 | 25 | 12 | 5 | 19 | 6 | 11 | 10 | 3 | - | 5 |
| <u>Death rate: Communicable diseases</u> | 89 | 147 | 148 | 141 | 121 | 123 | 22 | 32 | 35 | 41 | 81 | 32 |
| Death rate attributable to tobacco | 27 | 45 | 31 | 17 | 10 | 33 | 2 | 3 | 3 | 1 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 30 | 31 | 21 | 12 | 8 | 27 | 9 | 8 | 7 | 3 | - | 7 |
| <u>Death rate: Tuberculosis</u> | 54 | 64 | 50 | 33 | 7 | 55 | 10 | 11 | 6 | 9 | 3 | 9 |
| Death rate attributable to tobacco | 16 | 18 | 9 | 3 | 0 | 14 | 1 | 1 | 0 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 27 | 19 | 10 | 6 | 26 | 9 | 6 | 5 | 2 | - | 6 |
| <u>Death rate: Lower respiratory infections</u> | 28 | 78 | 87 | 98 | 115 | 61 | 8 | 18 | 23 | 29 | 55 | 18 |
| Death rate attributable to tobacco | 10 | 28 | 22 | 14 | 9 | 18 | 1 | 2 | 2 | 1 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 37 | 35 | 25 | 14 | 8 | 30 | 15 | 11 | 10 | 4 | - | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 254 | 1,194 | 4,013 | 8,583 | 19,590 | 2,154 | 140 | 692 | 2,513 | 6,223 | 17,811 | 2,071 |
| Death rate attributable to tobacco | 82 | 454 | 1,100 | 1,066 | 986 | 454 | 11 | 82 | 261 | 195 | - | 97 |
| Proportion of deaths attributable to tobacco (%) | 32 | 38 | 27 | 12 | 5 | 21 | 8 | 12 | 10 | 3 | - | 5 |
| <u>Death rate: All malignant neoplasms</u> | 41 | 307 | 836 | 1,062 | 903 | 346 | 55 | 182 | 417 | 547 | 510 | 231 |
| Death rate attributable to tobacco | 15 | 146 | 330 | 283 | 167 | 131 | 3 | 11 | 31 | 16 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 37 | 48 | 39 | 27 | 19 | 38 | 6 | 6 | 7 | 3 | - | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 78 | 197 | 203 | 155 | 78 | 3 | 14 | 38 | 41 | 22 | 18 |
| Death rate attributable to tobacco | 5 | 71 | 180 | 172 | 113 | 69 | 1 | 7 | 21 | 11 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 74 | 91 | 91 | 85 | 73 | 88 | 43 | 52 | 56 | 27 | - | 44 |
| <u>Death rate: All other malignant neoplasms</u> | 35 | 228 | 639 | 858 | 748 | 269 | 52 | 168 | 379 | 506 | 487 | 214 |
| Death rate attributable to tobacco | 10 | 75 | 150 | 110 | 55 | 62 | 2 | 4 | 9 | 5 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 33 | 24 | 13 | 7 | 23 | 4 | 2 | 2 | 1 | - | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 85 | 483 | 2,351 | 6,240 | 16,403 | 1,349 | 27 | 273 | 1,492 | 4,821 | 15,864 | 1,488 |
| Death rate attributable to tobacco | 61 | 273 | 585 | 447 | 86 | 242 | 7 | 67 | 199 | 115 | - | 71 |
| Proportion of deaths attributable to tobacco (%) | 71 | 56 | 25 | 7 | 1 | 18 | 25 | 24 | 13 | 2 | - | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 45 | 262 | 1,472 | 4,283 | 12,703 | 903 | 9 | 110 | 841 | 3,257 | 12,145 | 1,002 |
| Death rate attributable to tobacco | 34 | 145 | 364 | 315 | 66 | 143 | 2 | 24 | 105 | 69 | - | 34 |
| Proportion of deaths attributable to tobacco (%) | 75 | 55 | 25 | 7 | 1 | 16 | 16 | 22 | 12 | 2 | - | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 23 | 161 | 763 | 1,778 | 3,424 | 382 | 11 | 124 | 560 | 1,425 | 3,495 | 431 |
| Death rate attributable to tobacco | 13 | 91 | 187 | 116 | 18 | 74 | 4 | 33 | 81 | 42 | - | 31 |
| Proportion of deaths attributable to tobacco (%) | 58 | 56 | 25 | 7 | 1 | 19 | 35 | 26 | 14 | 3 | - | 7 |
| <u>Death rate: Other cardiovascular diseases</u> | 17 | 60 | 116 | 179 | 276 | 64 | 7 | 40 | 90 | 139 | 224 | 55 |
| Death rate attributable to tobacco | 13 | 37 | 33 | 16 | 2 | 24 | 1 | 10 | 13 | 3 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 79 | 61 | 29 | 9 | 1 | 38 | 20 | 26 | 15 | 2 | - | 12 |
| <u>Death rate: Respiratory diseases</u> | 11 | 49 | 252 | 545 | 1,530 | 130 | 2 | 9 | 66 | 260 | 813 | 75 |
| Death rate attributable to tobacco | 6 | 32 | 181 | 333 | 730 | 80 | 0 | 3 | 29 | 64 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 56 | 65 | 72 | 61 | 48 | 61 | 22 | 32 | 45 | 25 | - | 18 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 29 | 220 | 514 | 1,477 | 112 | 0 | 5 | 55 | 238 | 771 | 67 |
| Death rate attributable to tobacco | 4 | 25 | 173 | 328 | 726 | 75 | 0 | 3 | 28 | 63 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 87 | 86 | 79 | 64 | 49 | 67 | 63 | 53 | 51 | 27 | - | 19 |
| <u>Death rate: Other respiratory diseases</u> | 7 | 20 | 32 | 31 | 54 | 18 | 2 | 5 | 11 | 23 | 42 | 8 |
| Death rate attributable to tobacco | 3 | 7 | 8 | 4 | 4 | 5 | 0 | 0 | 1 | 1 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 35 | 25 | 14 | 8 | 29 | 15 | 11 | 10 | 4 | - | 7 |

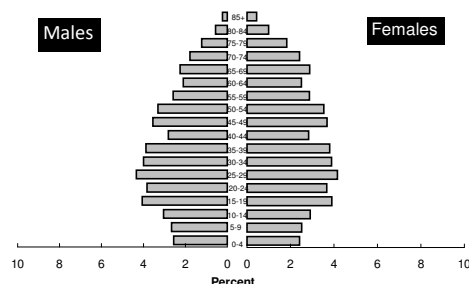
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Romania

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 4,451 | 4,253 | 8,704 |
| 30-44 | 2,322 | 2,287 | 4,609 |
| 45-59 | 2,050 | 2,190 | 4,240 |
| 60-69 | 946 | 1,172 | 2,117 |
| 70-79 | 651 | 922 | 1,573 |
| 80+ | 171 | 313 | 484 |
| Total | 10,590 | 11,136 | 21,726 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1774 per 100,000 population) was about 32 times that for communicable diseases (56 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 20% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 468 deaths per 100,000 population aged 30 years and over, with 15% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 66 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 21% of all lower respiratory infection deaths and 27% of all tuberculosis deaths.

- The death rate due to tobacco in men was (510 per 100,000 men aged 30 years and over) compared with women (104 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 6% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 36.6% of those whose death was due to a lower respiratory infection, 54.2% of deaths due to the category of 'all cardiovascular diseases combined', and 88.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 220 | 884 | 2,290 | 5,304 | 14,383 | 1,913 |
| Death rate attributable to tobacco | 51 | 304 | 570 | 610 | 325 | 295 |
| Proportion of deaths attributable to tobacco (%) | 23 | 34 | 25 | 12 | 2 | 15 |
| Death rate: Communicable diseases | 22 | 46 | 61 | 105 | 272 | 56 |
| Death rate attributable to tobacco | 7 | 14 | 13 | 14 | 13 | 11 |
| Proportion of deaths attributable to tobacco (%) | 30 | 31 | 22 | 13 | 5 | 20 |
| Death rate: Tuberculosis | 11 | 20 | 17 | 16 | 11 | 15 |
| Death rate attributable to tobacco | 3 | 6 | 4 | 2 | 0 | 4 |
| Proportion of deaths attributable to tobacco (%) | 33 | 32 | 22 | 11 | 4 | 27 |
| Death rate: Lower respiratory infections | 8 | 21 | 38 | 80 | 247 | 35 |
| Death rate attributable to tobacco | 3 | 8 | 10 | 12 | 13 | 7 |
| Proportion of deaths attributable to tobacco (%) | 39 | 37 | 26 | 15 | 5 | 21 |
| Death rate: Noncommunicable diseases | 135 | 747 | 2,134 | 5,103 | 13,991 | 1,774 |
| Death rate attributable to tobacco | 44 | 289 | 556 | 597 | 312 | 284 |
| Proportion of deaths attributable to tobacco (%) | 33 | 39 | 26 | 12 | 2 | 16 |
| Death rate: All malignant neoplasms | 44 | 255 | 581 | 862 | 923 | 332 |
| Death rate attributable to tobacco | 10 | 98 | 202 | 186 | 72 | 94 |
| Proportion of deaths attributable to tobacco (%) | 23 | 39 | 35 | 22 | 8 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 6 | 60 | 144 | 150 | 87 | 66 |
| Death rate attributable to tobacco | 4 | 53 | 127 | 120 | 46 | 56 |
| Proportion of deaths attributable to tobacco (%) | 71 | 88 | 88 | 80 | 53 | 84 |
| Death rate: All other malignant neoplasms | 39 | 195 | 437 | 712 | 835 | 265 |
| Death rate attributable to tobacco | 6 | 45 | 75 | 66 | 26 | 38 |
| Proportion of deaths attributable to tobacco (%) | 16 | 23 | 17 | 9 | 3 | 14 |
| Death rate: All Cardiovascular diseases | 48 | 326 | 1,217 | 3,673 | 12,075 | 1,213 |
| Death rate attributable to tobacco | 31 | 177 | 305 | 312 | 86 | 159 |
| Proportion of deaths attributable to tobacco (%) | 65 | 54 | 25 | 9 | 1 | 13 |
| Death rate: Ischaemic heart disease | 23 | 154 | 499 | 1,398 | 4,305 | 468 |
| Death rate attributable to tobacco | 16 | 84 | 125 | 112 | 36 | 68 |
| Proportion of deaths attributable to tobacco (%) | 69 | 55 | 25 | 8 | 1 | 15 |
| Death rate: Cerebrovascular disease | 12 | 106 | 462 | 1,383 | 3,733 | 419 |
| Death rate attributable to tobacco | 7 | 55 | 110 | 117 | 7 | 52 |
| Proportion of deaths attributable to tobacco (%) | 57 | 51 | 24 | 8 | 0 | 13 |
| Death rate: Other cardiovascular diseases | 14 | 67 | 256 | 893 | 4,037 | 326 |
| Death rate attributable to tobacco | 9 | 38 | 70 | 83 | 43 | 39 |
| Proportion of deaths attributable to tobacco (%) | 66 | 57 | 27 | 9 | 1 | 12 |
| Death rate: Respiratory diseases | 4 | 20 | 72 | 173 | 485 | 59 |
| Death rate attributable to tobacco | 2 | 13 | 46 | 95 | 152 | 30 |
| Proportion of deaths attributable to tobacco (%) | 57 | 65 | 65 | 55 | 31 | 51 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 12 | 54 | 138 | 398 | 45 |
| Death rate attributable to tobacco | 1 | 10 | 42 | 90 | 148 | 27 |
| Proportion of deaths attributable to tobacco (%) | 86 | 84 | 77 | 65 | 37 | 60 |
| Death rate: Other respiratory diseases | 3 | 8 | 17 | 36 | 87 | 14 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 5 | 5 | 3 |
| Proportion of deaths attributable to tobacco (%) | 39 | 34 | 25 | 15 | 5 | 20 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 314 | 1,278 | 3,207 | 6,560 | 15,477 | 2,166 | 123 | 515 | 1,551 | 4,418 | 13,784 | 1,687 |
| Death rate attributable to tobacco | 92 | 550 | 1,088 | 1,021 | 572 | 510 | 10 | 73 | 152 | 320 | 190 | 104 |
| Proportion of deaths attributable to tobacco (%) | 29 | 43 | 34 | 16 | 4 | 24 | 8 | 14 | 10 | 7 | 1 | 6 |
| <u>Death rate: Communicable diseases</u> | 34 | 77 | 99 | 143 | 326 | 78 | 11 | 17 | 30 | 78 | 243 | 36 |
| Death rate attributable to tobacco | 13 | 28 | 28 | 24 | 25 | 21 | 1 | 1 | 2 | 6 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 37 | 36 | 28 | 17 | 8 | 27 | 8 | 9 | 7 | 8 | 3 | 7 |
| <u>Death rate: Tuberculosis</u> | 18 | 37 | 31 | 27 | 17 | 27 | 4 | 4 | 5 | 9 | 8 | 5 |
| Death rate attributable to tobacco | 7 | 13 | 8 | 4 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 35 | 25 | 14 | 6 | 31 | 8 | 7 | 5 | 5 | 2 | 6 |
| <u>Death rate: Lower respiratory infections</u> | 13 | 34 | 59 | 107 | 289 | 45 | 4 | 9 | 20 | 61 | 223 | 26 |
| Death rate attributable to tobacco | 6 | 15 | 20 | 20 | 24 | 13 | 1 | 1 | 2 | 6 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 33 | 19 | 8 | 29 | 15 | 13 | 9 | 10 | 3 | 8 |
| <u>Death rate: Noncommunicable diseases</u> | 177 | 1,046 | 2,949 | 6,263 | 14,996 | 1,952 | 94 | 467 | 1,477 | 4,285 | 13,441 | 1,615 |
| Death rate attributable to tobacco | 79 | 523 | 1,060 | 998 | 548 | 489 | 9 | 71 | 150 | 314 | 183 | 102 |
| Proportion of deaths attributable to tobacco (%) | 45 | 50 | 36 | 16 | 4 | 25 | 10 | 15 | 10 | 7 | 1 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 41 | 328 | 828 | 1,190 | 1,239 | 413 | 48 | 186 | 383 | 630 | 750 | 258 |
| Death rate attributable to tobacco | 17 | 187 | 417 | 382 | 174 | 179 | 3 | 15 | 28 | 48 | 17 | 18 |
| Proportion of deaths attributable to tobacco (%) | 41 | 57 | 50 | 32 | 14 | 43 | 6 | 8 | 7 | 8 | 2 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 9 | 107 | 278 | 276 | 155 | 115 | 3 | 16 | 36 | 61 | 50 | 23 |
| Death rate attributable to tobacco | 7 | 100 | 261 | 245 | 112 | 105 | 1 | 9 | 20 | 31 | 10 | 11 |
| Proportion of deaths attributable to tobacco (%) | 80 | 93 | 94 | 89 | 73 | 91 | 41 | 58 | 54 | 51 | 20 | 50 |
| <u>Death rate: All other malignant neoplasms</u> | 33 | 221 | 549 | 915 | 1,084 | 298 | 45 | 170 | 347 | 568 | 699 | 236 |
| Death rate attributable to tobacco | 10 | 87 | 156 | 137 | 62 | 73 | 2 | 6 | 9 | 16 | 7 | 6 |
| Proportion of deaths attributable to tobacco (%) | 31 | 39 | 28 | 15 | 6 | 25 | 4 | 3 | 3 | 3 | 1 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 72 | 477 | 1,649 | 4,292 | 12,384 | 1,241 | 24 | 185 | 868 | 3,237 | 11,907 | 1,189 |
| Death rate attributable to tobacco | 57 | 309 | 547 | 438 | 70 | 257 | 5 | 53 | 110 | 224 | 95 | 72 |
| Proportion of deaths attributable to tobacco (%) | 79 | 65 | 33 | 10 | 1 | 21 | 22 | 29 | 13 | 7 | 1 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 37 | 246 | 722 | 1,746 | 4,633 | 521 | 9 | 68 | 319 | 1,152 | 4,126 | 420 |
| Death rate attributable to tobacco | 30 | 156 | 233 | 177 | 24 | 119 | 1 | 17 | 37 | 67 | 43 | 23 |
| Proportion of deaths attributable to tobacco (%) | 81 | 64 | 32 | 10 | 1 | 23 | 15 | 26 | 11 | 6 | 1 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 16 | 135 | 581 | 1,535 | 3,792 | 409 | 8 | 79 | 366 | 1,275 | 3,700 | 429 |
| Death rate attributable to tobacco | 11 | 87 | 187 | 139 | 20 | 77 | 3 | 24 | 49 | 102 | - | 31 |
| Proportion of deaths attributable to tobacco (%) | 67 | 64 | 32 | 9 | 1 | 19 | 34 | 31 | 13 | 8 | - | 7 |
| <u>Death rate: Other cardiovascular diseases</u> | 20 | 97 | 346 | 1,011 | 3,958 | 310 | 8 | 38 | 183 | 810 | 4,081 | 340 |
| Death rate attributable to tobacco | 17 | 66 | 127 | 122 | 26 | 62 | 1 | 11 | 24 | 56 | 52 | 18 |
| Proportion of deaths attributable to tobacco (%) | 85 | 68 | 37 | 12 | 1 | 20 | 19 | 29 | 13 | 7 | 1 | 5 |
| <u>Death rate: Respiratory diseases</u> | 7 | 32 | 123 | 277 | 707 | 81 | 2 | 9 | 30 | 101 | 363 | 39 |
| Death rate attributable to tobacco | 4 | 24 | 90 | 172 | 301 | 50 | 1 | 3 | 11 | 40 | 71 | 12 |
| Proportion of deaths attributable to tobacco (%) | 65 | 74 | 74 | 62 | 43 | 62 | 28 | 34 | 35 | 40 | 19 | 30 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 21 | 97 | 228 | 596 | 64 | 1 | 4 | 20 | 74 | 289 | 28 |
| Death rate attributable to tobacco | 2 | 19 | 82 | 163 | 292 | 45 | 0 | 2 | 10 | 37 | 68 | 11 |
| Proportion of deaths attributable to tobacco (%) | 90 | 89 | 84 | 72 | 49 | 71 | 62 | 58 | 49 | 51 | 24 | 38 |
| <u>Death rate: Other respiratory diseases</u> | 4 | 11 | 25 | 48 | 111 | 17 | 1 | 5 | 11 | 27 | 74 | 11 |
| Death rate attributable to tobacco | 2 | 5 | 8 | 9 | 9 | 5 | 0 | 1 | 1 | 3 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 33 | 19 | 8 | 28 | 15 | 13 | 9 | 10 | 3 | 8 |

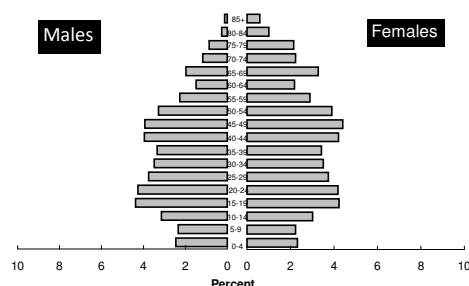
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Russian Federation

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|----------------|
| 0-29 | 29,428 | 28,555 | 57,983 |
| 30-44 | 15,603 | 16,121 | 31,725 |
| 45-59 | 13,707 | 16,198 | 29,906 |
| 60-69 | 5,018 | 7,903 | 12,921 |
| 70-79 | 2,946 | 6,344 | 9,290 |
| 80+ | 560 | 2,312 | 2,872 |
| Total | 67,263 | 77,433 | 144,696 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2031 per 100,000 population) was about 21 times that for communicable diseases (97 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 25% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 751 deaths per 100,000 population aged 30 years and over, with 19% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 56 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 30% of all lower respiratory infection deaths and 30% of all tuberculosis deaths.

- The death rate due to tobacco in men was (788 per 100,000 men aged 30 years and over) compared with women (97 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 28% for men and 4% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 35.6% of those whose death was due to a lower respiratory infection, 50.4% of deaths due to the category of 'all cardiovascular diseases combined', and 86.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 822 | 1,662 | 2,959 | 5,954 | 14,979 | 2,448 |
| Death rate attributable to tobacco | 187 | 488 | 596 | 578 | 335 | 398 |
| Proportion of deaths attributable to tobacco (%) | 23 | 29 | 20 | 10 | 2 | 16 |
| Death rate: Communicable diseases | 94 | 124 | 72 | 57 | 78 | 97 |
| Death rate attributable to tobacco | 25 | 35 | 15 | 7 | 5 | 25 |
| Proportion of deaths attributable to tobacco (%) | 27 | 28 | 21 | 12 | 7 | 25 |
| Death rate: Tuberculosis | 55 | 49 | 18 | 9 | 6 | 41 |
| Death rate attributable to tobacco | 19 | 14 | 4 | 1 | 0 | 13 |
| Proportion of deaths attributable to tobacco (%) | 34 | 29 | 21 | 12 | 6 | 30 |
| Death rate: Lower respiratory infections | 16 | 58 | 43 | 38 | 61 | 38 |
| Death rate attributable to tobacco | 6 | 21 | 11 | 6 | 5 | 12 |
| Proportion of deaths attributable to tobacco (%) | 37 | 36 | 25 | 15 | 8 | 30 |
| Death rate: Noncommunicable diseases | 373 | 1,157 | 2,654 | 5,717 | 14,701 | 2,031 |
| Death rate attributable to tobacco | 161 | 453 | 581 | 571 | 330 | 374 |
| Proportion of deaths attributable to tobacco (%) | 43 | 39 | 22 | 10 | 2 | 18 |
| Death rate: All malignant neoplasms | 53 | 258 | 590 | 851 | 948 | 319 |
| Death rate attributable to tobacco | 12 | 85 | 168 | 171 | 96 | 80 |
| Proportion of deaths attributable to tobacco (%) | 23 | 33 | 28 | 20 | 10 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 6 | 52 | 120 | 140 | 97 | 56 |
| Death rate attributable to tobacco | 4 | 45 | 103 | 110 | 56 | 46 |
| Proportion of deaths attributable to tobacco (%) | 73 | 87 | 86 | 78 | 58 | 82 |
| Death rate: All other malignant neoplasms | 46 | 207 | 470 | 712 | 851 | 263 |
| Death rate attributable to tobacco | 7 | 41 | 65 | 61 | 40 | 34 |
| Proportion of deaths attributable to tobacco (%) | 16 | 20 | 14 | 9 | 5 | 13 |
| Death rate: All Cardiovascular diseases | 212 | 696 | 1,782 | 4,453 | 13,126 | 1,495 |
| Death rate attributable to tobacco | 144 | 351 | 369 | 322 | 142 | 268 |
| Proportion of deaths attributable to tobacco (%) | 68 | 50 | 21 | 7 | 1 | 18 |
| Death rate: Ischaemic heart disease | 90 | 407 | 948 | 2,196 | 6,063 | 751 |
| Death rate attributable to tobacco | 64 | 211 | 201 | 155 | 102 | 146 |
| Proportion of deaths attributable to tobacco (%) | 72 | 52 | 21 | 7 | 2 | 19 |
| Death rate: Cerebrovascular disease | 31 | 160 | 633 | 1,856 | 5,587 | 544 |
| Death rate attributable to tobacco | 17 | 74 | 122 | 134 | 8 | 64 |
| Proportion of deaths attributable to tobacco (%) | 54 | 46 | 19 | 7 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 91 | 129 | 201 | 401 | 1,476 | 200 |
| Death rate attributable to tobacco | 64 | 66 | 46 | 33 | 32 | 57 |
| Proportion of deaths attributable to tobacco (%) | 70 | 51 | 23 | 8 | 2 | 29 |
| Death rate: Respiratory diseases | 8 | 28 | 82 | 171 | 287 | 53 |
| Death rate attributable to tobacco | 4 | 15 | 43 | 77 | 91 | 24 |
| Proportion of deaths attributable to tobacco (%) | 50 | 54 | 53 | 45 | 32 | 46 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 12 | 47 | 104 | 171 | 29 |
| Death rate attributable to tobacco | 2 | 10 | 35 | 66 | 81 | 19 |
| Proportion of deaths attributable to tobacco (%) | 83 | 80 | 74 | 64 | 47 | 66 |
| Death rate: Other respiratory diseases | 6 | 16 | 35 | 67 | 116 | 24 |
| Death rate attributable to tobacco | 2 | 5 | 8 | 11 | 10 | 5 |
| Proportion of deaths attributable to tobacco (%) | 40 | 34 | 24 | 16 | 9 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,347 | 2,604 | 4,153 | 6,943 | 13,910 | 2,796 | 313 | 864 | 2,200 | 5,494 | 15,237 | 2,179 |
| Death rate attributable to tobacco | 371 | 981 | 1,298 | 1,239 | 734 | 788 | 8 | 70 | 151 | 271 | 239 | 97 |
| Proportion of deaths attributable to tobacco (%) | 28 | 38 | 31 | 18 | 5 | 28 | 2 | 8 | 7 | 5 | 2 | 4 |
| <u>Death rate: Communicable diseases</u> | 160 | 225 | 135 | 91 | 110 | 174 | 30 | 39 | 32 | 41 | 70 | 37 |
| Death rate attributable to tobacco | 51 | 75 | 36 | 17 | 14 | 54 | 1 | 2 | 1 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 32 | 33 | 27 | 19 | 13 | 31 | 2 | 5 | 4 | 5 | 5 | 4 |
| <u>Death rate: Tuberculosis</u> | 100 | 93 | 40 | 20 | 12 | 82 | 13 | 12 | 5 | 4 | 4 | 10 |
| Death rate attributable to tobacco | 38 | 31 | 10 | 3 | 1 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 33 | 24 | 16 | 10 | 35 | 3 | 4 | 3 | 4 | 3 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 25 | 105 | 83 | 61 | 86 | 65 | 8 | 18 | 18 | 27 | 55 | 18 |
| Death rate attributable to tobacco | 12 | 43 | 26 | 13 | 12 | 25 | 0 | 1 | 1 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 42 | 31 | 22 | 14 | 39 | 5 | 7 | 6 | 7 | 6 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 573 | 1,721 | 3,625 | 6,575 | 13,531 | 2,052 | 181 | 681 | 2,038 | 5,319 | 14,984 | 2,014 |
| Death rate attributable to tobacco | 321 | 906 | 1,261 | 1,222 | 720 | 734 | 7 | 69 | 150 | 269 | 236 | 95 |
| Proportion of deaths attributable to tobacco (%) | 56 | 53 | 35 | 19 | 5 | 36 | 4 | 10 | 7 | 5 | 2 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 55 | 328 | 809 | 1,169 | 1,317 | 359 | 51 | 199 | 450 | 704 | 859 | 288 |
| Death rate attributable to tobacco | 23 | 177 | 400 | 461 | 347 | 168 | 1 | 8 | 20 | 37 | 35 | 12 |
| Proportion of deaths attributable to tobacco (%) | 42 | 54 | 49 | 39 | 26 | 47 | 2 | 4 | 5 | 5 | 4 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 10 | 99 | 262 | 330 | 256 | 104 | 2 | 12 | 30 | 51 | 58 | 19 |
| Death rate attributable to tobacco | 9 | 92 | 244 | 299 | 214 | 96 | 0 | 5 | 13 | 22 | 18 | 7 |
| Proportion of deaths attributable to tobacco (%) | 84 | 93 | 93 | 91 | 83 | 92 | 17 | 41 | 44 | 42 | 31 | 40 |
| <u>Death rate: All other malignant neoplasms</u> | 44 | 229 | 547 | 839 | 1,061 | 255 | 49 | 188 | 420 | 652 | 801 | 269 |
| Death rate attributable to tobacco | 15 | 85 | 155 | 162 | 134 | 72 | 1 | 3 | 7 | 15 | 17 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 37 | 28 | 19 | 13 | 28 | 1 | 2 | 2 | 2 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 353 | 1,108 | 2,421 | 4,810 | 11,268 | 1,409 | 75 | 348 | 1,377 | 4,287 | 13,576 | 1,561 |
| Death rate attributable to tobacco | 288 | 697 | 760 | 570 | 114 | 518 | 6 | 59 | 121 | 207 | 149 | 75 |
| Proportion of deaths attributable to tobacco (%) | 82 | 63 | 31 | 12 | 1 | 37 | 8 | 17 | 9 | 5 | 1 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 158 | 701 | 1,404 | 2,587 | 5,667 | 791 | 23 | 159 | 659 | 2,014 | 6,159 | 720 |
| Death rate attributable to tobacco | 129 | 433 | 434 | 313 | 56 | 293 | 1 | 24 | 53 | 81 | 113 | 33 |
| Proportion of deaths attributable to tobacco (%) | 82 | 62 | 31 | 12 | 1 | 37 | 5 | 15 | 8 | 4 | 2 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 47 | 219 | 760 | 1,826 | 4,432 | 407 | 15 | 109 | 552 | 1,870 | 5,866 | 651 |
| Death rate attributable to tobacco | 32 | 137 | 233 | 198 | 44 | 110 | 2 | 20 | 52 | 105 | - | 29 |
| Proportion of deaths attributable to tobacco (%) | 68 | 63 | 31 | 11 | 1 | 27 | 14 | 19 | 9 | 6 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 148 | 188 | 258 | 397 | 1,169 | 212 | 36 | 80 | 166 | 404 | 1,551 | 191 |
| Death rate attributable to tobacco | 127 | 127 | 93 | 59 | 15 | 115 | 2 | 15 | 16 | 20 | 36 | 13 |
| Proportion of deaths attributable to tobacco (%) | 85 | 67 | 36 | 15 | 1 | 55 | 7 | 18 | 10 | 5 | 2 | 7 |
| <u>Death rate: Respiratory diseases</u> | 14 | 49 | 159 | 338 | 552 | 79 | 3 | 11 | 33 | 93 | 223 | 32 |
| Death rate attributable to tobacco | 8 | 30 | 100 | 189 | 257 | 46 | 0 | 2 | 8 | 25 | 51 | 8 |
| Proportion of deaths attributable to tobacco (%) | 58 | 62 | 63 | 56 | 46 | 58 | 10 | 20 | 23 | 26 | 23 | 23 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 22 | 96 | 215 | 352 | 44 | 1 | 4 | 16 | 53 | 127 | 17 |
| Death rate attributable to tobacco | 3 | 19 | 80 | 162 | 228 | 35 | 0 | 2 | 6 | 22 | 45 | 7 |
| Proportion of deaths attributable to tobacco (%) | 91 | 89 | 83 | 75 | 65 | 79 | 33 | 42 | 39 | 41 | 36 | 39 |
| <u>Death rate: Other respiratory diseases</u> | 10 | 27 | 64 | 123 | 200 | 35 | 2 | 7 | 16 | 41 | 96 | 15 |
| Death rate attributable to tobacco | 5 | 11 | 20 | 27 | 29 | 11 | 0 | 0 | 1 | 3 | 5 | 1 |
| Proportion of deaths attributable to tobacco (%) | 47 | 42 | 31 | 22 | 14 | 32 | 5 | 7 | 6 | 7 | 6 | 6 |

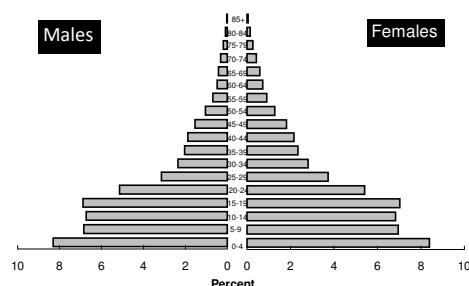
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Rwanda

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 3,354 | 3,473 | 6,827 |
| 30-44 | 568 | 662 | 1,229 |
| 45-59 | 296 | 362 | 658 |
| 60-69 | 82 | 119 | 201 |
| 70-79 | 46 | 64 | 110 |
| 80+ | 9 | 18 | 27 |
| Total | 4,355 | 4,697 | 9,052 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1157 per 100,000 population) was about 1 times that for communicable diseases (1209 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 158 deaths per 100,000 population aged 30 years and over, with 0% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 4 deaths per 100,000 population but with 30% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (30 per 100,000 men aged 30 years and over) compared with women (7 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 1% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,608 | 2,215 | 4,038 | 8,661 | 18,422 | 2,562 |
| Death rate attributable to tobacco | 7 | - | 11 | 180 | 300 | 17 |
| Proportion of deaths attributable to tobacco (%) | 0 | - | 0 | 2 | 2 | 1 |
| Death rate: Communicable diseases | 1,180 | 1,117 | 1,120 | 1,754 | 3,154 | 1,209 |
| Death rate attributable to tobacco | 2 | - | 1 | 19 | 44 | 2 |
| Proportion of deaths attributable to tobacco (%) | 0 | - | 0 | 1 | 1 | 0 |
| Death rate: Tuberculosis | 154 | 202 | 237 | 308 | 327 | 185 |
| Death rate attributable to tobacco | 1 | - | 0 | 6 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | - | 0 | 2 | 3 | 1 |
| Death rate: Lower respiratory infections | 32 | 125 | 355 | 764 | 1,713 | 145 |
| Death rate attributable to tobacco | 1 | - | 1 | 13 | 35 | 1 |
| Proportion of deaths attributable to tobacco (%) | 2 | - | 0 | 2 | 2 | 1 |
| Death rate: Noncommunicable diseases | 249 | 906 | 2,696 | 6,599 | 14,836 | 1,157 |
| Death rate attributable to tobacco | 5 | - | 10 | 161 | 256 | 15 |
| Proportion of deaths attributable to tobacco (%) | 2 | - | 0 | 2 | 2 | 1 |
| Death rate: All malignant neoplasms | 40 | 197 | 550 | 1,185 | 1,965 | 213 |
| Death rate attributable to tobacco | 0 | - | 3 | 57 | 97 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | - | 1 | 5 | 5 | 2 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 1 | 10 | 36 | 45 | 4 |
| Death rate attributable to tobacco | 0 | - | 1 | 17 | 24 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | - | 8 | 47 | 53 | 30 |
| Death rate: All other malignant neoplasms | 39 | 195 | 541 | 1,149 | 1,920 | 208 |
| Death rate attributable to tobacco | 0 | - | 3 | 40 | 73 | 3 |
| Proportion of deaths attributable to tobacco (%) | 1 | - | 0 | 4 | 4 | 2 |
| Death rate: All Cardiovascular diseases | 84 | 366 | 1,201 | 3,262 | 8,338 | 526 |
| Death rate attributable to tobacco | 3 | - | 2 | 25 | 10 | 3 |
| Proportion of deaths attributable to tobacco (%) | 4 | - | 0 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 16 | 119 | 431 | 1,016 | 2,082 | 158 |
| Death rate attributable to tobacco | 0 | - | 1 | 10 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 2 | - | 0 | 1 | 0 | 0 |
| Death rate: Cerebrovascular disease | 34 | 139 | 450 | 1,218 | 3,001 | 198 |
| Death rate attributable to tobacco | 2 | - | 1 | 7 | 3 | 2 |
| Proportion of deaths attributable to tobacco (%) | 6 | - | 0 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 34 | 108 | 320 | 1,028 | 3,255 | 170 |
| Death rate attributable to tobacco | 1 | - | 1 | 8 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 3 | - | 0 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 32 | 101 | 305 | 708 | 1,378 | 127 |
| Death rate attributable to tobacco | 1 | - | 4 | 75 | 144 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | - | 1 | 11 | 10 | 5 |
| Death rate: Chronic obstructive pulmonary disease | 7 | 38 | 148 | 362 | 635 | 54 |
| Death rate attributable to tobacco | 1 | - | 4 | 69 | 128 | 6 |
| Proportion of deaths attributable to tobacco (%) | 11 | - | 3 | 19 | 20 | 11 |
| Death rate: Other respiratory diseases | 25 | 62 | 157 | 346 | 742 | 73 |
| Death rate attributable to tobacco | 1 | - | 0 | 7 | 16 | 1 |
| Proportion of deaths attributable to tobacco (%) | 2 | - | 0 | 2 | 2 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,648 | 2,631 | 4,729 | 9,498 | 20,335 | 2,730 | 1,574 | 1,874 | 3,564 | 8,051 | 17,412 | 2,425 |
| Death rate attributable to tobacco | - | - | 26 | 427 | 868 | 30 | 13 | - | - | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 4 | 4 | 1 | 1 | - | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 1,056 | 1,306 | 1,358 | 2,031 | 3,795 | 1,226 | 1,287 | 962 | 956 | 1,553 | 2,816 | 1,195 |
| Death rate attributable to tobacco | - | - | 3 | 45 | 126 | 3 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 2 | 3 | 0 | 0 | - | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 221 | 334 | 346 | 527 | 682 | 283 | 96 | 93 | 162 | 149 | 141 | 105 |
| Death rate attributable to tobacco | - | - | 1 | 14 | 25 | 1 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 3 | 4 | 0 | 2 | - | - | - | - | 1 |
| <u>Death rate: Lower respiratory infections</u> | 39 | 113 | 428 | 839 | 1,954 | 148 | 26 | 135 | 304 | 709 | 1,585 | 144 |
| Death rate attributable to tobacco | - | - | 2 | 31 | 101 | 3 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 4 | 5 | 2 | 4 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 266 | 1,002 | 3,034 | 7,064 | 16,047 | 1,173 | 234 | 827 | 2,463 | 6,261 | 14,198 | 1,144 |
| Death rate attributable to tobacco | - | - | 24 | 382 | 742 | 27 | 10 | - | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 5 | 5 | 2 | 4 | - | - | - | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 34 | 200 | 654 | 1,481 | 2,892 | 227 | 46 | 194 | 479 | 970 | 1,475 | 201 |
| Death rate attributable to tobacco | - | - | 8 | 136 | 281 | 10 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 9 | 10 | 4 | 2 | - | - | - | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 0 | 19 | 72 | 111 | 6 | 2 | 2 | 3 | 11 | 10 | 3 |
| Death rate attributable to tobacco | - | - | 2 | 41 | 69 | 3 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 10 | 57 | 62 | 42 | 14 | - | - | - | - | 5 |
| <u>Death rate: All other malignant neoplasms</u> | 33 | 199 | 635 | 1,409 | 2,781 | 221 | 44 | 192 | 476 | 959 | 1,465 | 198 |
| Death rate attributable to tobacco | - | - | 6 | 96 | 212 | 7 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 7 | 8 | 3 | 1 | - | - | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 85 | 392 | 1,261 | 3,139 | 8,005 | 488 | 83 | 344 | 1,159 | 3,351 | 8,513 | 558 |
| Death rate attributable to tobacco | - | - | 5 | 60 | 28 | 3 | 6 | - | - | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 2 | 0 | 1 | 8 | - | - | - | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 21 | 163 | 550 | 1,255 | 2,442 | 186 | 11 | 83 | 349 | 841 | 1,891 | 136 |
| Death rate attributable to tobacco | - | - | 2 | 23 | 8 | 1 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 2 | 0 | 1 | 4 | - | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 33 | 140 | 435 | 1,049 | 2,542 | 168 | 35 | 137 | 460 | 1,341 | 3,243 | 222 |
| Death rate attributable to tobacco | - | - | 2 | 17 | 8 | 1 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 2 | 0 | 1 | 11 | - | - | - | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 30 | 89 | 276 | 835 | 3,021 | 133 | 36 | 124 | 350 | 1,169 | 3,379 | 201 |
| Death rate attributable to tobacco | - | - | 1 | 20 | 12 | 1 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 2 | 0 | 1 | 5 | - | - | - | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 35 | 135 | 442 | 983 | 1,887 | 159 | 30 | 72 | 210 | 507 | 1,109 | 100 |
| Death rate attributable to tobacco | - | - | 10 | 179 | 416 | 13 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 18 | 22 | 8 | 8 | - | - | - | - | 1 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 9 | 58 | 242 | 552 | 998 | 77 | 5 | 22 | 84 | 223 | 444 | 36 |
| Death rate attributable to tobacco | - | - | 9 | 163 | 370 | 12 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 29 | 37 | 15 | 28 | - | - | - | - | 2 |
| <u>Death rate: Other respiratory diseases</u> | 26 | 78 | 201 | 431 | 889 | 83 | 25 | 50 | 126 | 284 | 665 | 65 |
| Death rate attributable to tobacco | - | - | 1 | 16 | 46 | 1 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 0 | 4 | 5 | 1 | 4 | - | - | - | - | 1 |

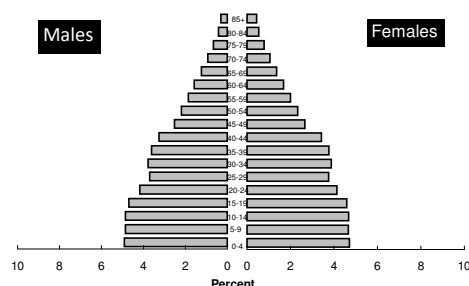
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Saint Kitts and Nevis

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 13 | 13 | 26 |
| 30-44 | 5 | 5 | 11 |
| 45-59 | 3 | 3 | 7 |
| 60-69 | 1 | 1 | 3 |
| 70-79 | 1 | 1 | 2 |
| 80+ | 0 | 0 | 1 |
| Total | 24 | 24 | 49 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1416 per 100,000 population) was about 4.6 times that for communicable diseases (309 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 258 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 56% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (66 per 100,000 men aged 30 years and over) compared with women (3 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 324 | 785 | 2,622 | 5,421 | 18,191 | 1,789 |
| Death rate attributable to tobacco | - | 72 | 65 | 58 | - | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 2 | 1 | - | 2 |
| Death rate: Communicable diseases | 61 | 108 | 317 | 900 | 3,827 | 309 |
| Death rate attributable to tobacco | - | 3 | 5 | 8 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 1 | 1 | - | 1 |
| Death rate: Tuberculosis | 5 | - | 19 | 25 | 61 | 9 |
| Death rate attributable to tobacco | - | - | 1 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 1 | - | 1 |
| Death rate: Lower respiratory infections | 16 | 63 | 153 | 457 | 1,980 | 152 |
| Death rate attributable to tobacco | - | 3 | 4 | 8 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | - | 1 |
| Death rate: Noncommunicable diseases | 192 | 636 | 2,208 | 4,487 | 14,271 | 1,416 |
| Death rate attributable to tobacco | - | 69 | 61 | 50 | - | 32 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 3 | 1 | - | 2 |
| Death rate: All malignant neoplasms | 34 | 115 | 415 | 837 | 1,431 | 217 |
| Death rate attributable to tobacco | - | 17 | 20 | 20 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 5 | 2 | - | 4 |
| Death rate: Trachea, bronchus, lung cancers | - | 14 | 19 | 43 | - | 10 |
| Death rate attributable to tobacco | - | 11 | 10 | 12 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 76 | 56 | 29 | - | 56 |
| Death rate: All other malignant neoplasms | 34 | 101 | 397 | 794 | 1,431 | 207 |
| Death rate attributable to tobacco | - | 7 | 10 | 8 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 1 | - | 2 |
| Death rate: All Cardiovascular diseases | 67 | 320 | 1,319 | 2,855 | 10,771 | 902 |
| Death rate attributable to tobacco | - | 49 | 25 | 26 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 2 | 1 | - | 2 |
| Death rate: Ischaemic heart disease | 16 | 104 | 553 | 825 | 2,398 | 258 |
| Death rate attributable to tobacco | - | 19 | 11 | 7 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 2 | 1 | - | 3 |
| Death rate: Cerebrovascular disease | 17 | 136 | 680 | 1,642 | 5,683 | 466 |
| Death rate attributable to tobacco | - | 18 | 11 | 15 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 2 | 1 | - | 2 |
| Death rate: Other cardiovascular diseases | 33 | 80 | 86 | 388 | 2,690 | 178 |
| Death rate attributable to tobacco | - | 12 | 3 | 4 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 4 | 1 | - | 2 |
| Death rate: Respiratory diseases | - | 4 | 64 | 64 | 260 | 24 |
| Death rate attributable to tobacco | - | 1 | 14 | 3 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 22 | 4 | - | 9 |
| Death rate: Chronic obstructive pulmonary disease | - | - | 44 | 17 | 71 | 9 |
| Death rate attributable to tobacco | - | - | 14 | 2 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 31 | 10 | - | 19 |
| Death rate: Other respiratory diseases | - | 4 | 20 | 47 | 189 | 14 |
| Death rate attributable to tobacco | - | 1 | 1 | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 4 | 2 | - | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 429 | 881 | 3,169 | 5,909 | 18,332 | 1,883 | 223 | 695 | 2,115 | 4,997 | 18,086 | 1,701 |
| Death rate attributable to tobacco | - | 148 | 136 | 79 | - | 66 | - | - | - | 39 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 4 | 1 | - | 4 | - | - | - | 1 | - | 0 |
| <u>Death rate: Communicable diseases</u> | 65 | 96 | 407 | 1,189 | 3,676 | 315 | 58 | 119 | 233 | 649 | 3,940 | 303 |
| Death rate attributable to tobacco | - | 6 | 9 | 12 | - | 4 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 2 | 1 | - | 1 | - | - | - | 1 | - | 0 |
| <u>Death rate: Tuberculosis</u> | 9 | - | 39 | 53 | - | 13 | - | - | - | - | 106 | 4 |
| Death rate attributable to tobacco | - | - | 1 | 1 | - | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 1 | - | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 20 | 38 | 211 | 540 | 2,086 | 154 | 12 | 85 | 99 | 385 | 1,902 | 151 |
| Death rate attributable to tobacco | - | 6 | 8 | 11 | - | 3 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 4 | 2 | - | 2 | - | - | - | 1 | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 219 | 699 | 2,597 | 4,647 | 14,439 | 1,440 | 165 | 576 | 1,848 | 4,347 | 14,146 | 1,394 |
| Death rate attributable to tobacco | - | 142 | 127 | 67 | - | 62 | - | - | - | 35 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 20 | 5 | 1 | - | 4 | - | - | - | 1 | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 17 | 115 | 579 | 1,052 | 2,314 | 265 | 50 | 115 | 264 | 651 | 772 | 172 |
| Death rate attributable to tobacco | - | 36 | 42 | 37 | - | 19 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 7 | 4 | - | 7 | - | - | - | 1 | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 29 | 39 | 53 | - | 17 | - | - | - | 33 | - | 3 |
| Death rate attributable to tobacco | - | 22 | 22 | 22 | - | 11 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 76 | 56 | 42 | - | 63 | - | - | - | 10 | - | 10 |
| <u>Death rate: All other malignant neoplasms</u> | 17 | 86 | 540 | 998 | 2,314 | 248 | 50 | 115 | 264 | 618 | 772 | 169 |
| Death rate attributable to tobacco | - | 14 | 21 | 15 | - | 8 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 4 | 1 | - | 3 | - | - | - | 0 | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 88 | 345 | 1,314 | 2,732 | 9,165 | 804 | 46 | 296 | 1,323 | 2,962 | 11,972 | 994 |
| Death rate attributable to tobacco | - | 102 | 52 | 27 | - | 38 | - | - | - | 25 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 4 | 1 | - | 5 | - | - | - | 1 | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 33 | 143 | 608 | 914 | 3,183 | 304 | - | 66 | 503 | 747 | 1,812 | 215 |
| Death rate attributable to tobacco | - | 40 | 23 | 9 | - | 15 | - | - | - | 5 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 28 | 4 | 1 | - | 5 | - | - | - | 1 | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 11 | 130 | 579 | 1,541 | 4,193 | 363 | 23 | 142 | 773 | 1,729 | 6,797 | 562 |
| Death rate attributable to tobacco | - | 37 | 22 | 14 | - | 15 | - | - | - | 16 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 4 | 1 | - | 4 | - | - | - | 1 | - | 0 |
| <u>Death rate: Other cardiovascular diseases</u> | 44 | 72 | 128 | 277 | 1,789 | 137 | 23 | 88 | 47 | 485 | 3,364 | 217 |
| Death rate attributable to tobacco | - | 24 | 6 | 4 | - | 8 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 5 | 1 | - | 6 | - | - | - | 1 | - | 0 |
| <u>Death rate: Respiratory diseases</u> | - | 9 | 133 | 53 | 421 | 37 | - | - | - | 73 | 139 | 11 |
| Death rate attributable to tobacco | - | 1 | 30 | 1 | - | 4 | - | - | - | 4 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 22 | 2 | - | 11 | - | - | - | 5 | - | 3 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | 91 | - | 74 | 14 | - | - | - | 32 | 70 | 5 |
| Death rate attributable to tobacco | - | - | 28 | - | - | 4 | - | - | - | 3 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 31 | - | - | 25 | - | - | - | 10 | - | 5 |
| <u>Death rate: Other respiratory diseases</u> | - | 9 | 42 | 53 | 348 | 23 | - | - | - | 41 | 70 | 6 |
| Death rate attributable to tobacco | - | 1 | 2 | 1 | - | 1 | - | - | - | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 4 | 2 | - | 3 | - | - | - | 1 | - | 1 |

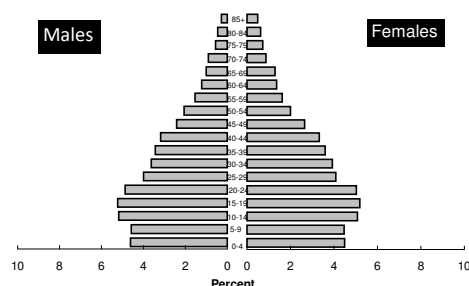
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Saint Lucia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 45 | 45 | 91 |
| 30-44 | 16 | 17 | 34 |
| 45-59 | 10 | 10 | 20 |
| 60-69 | 4 | 4 | 8 |
| 70-79 | 2 | 3 | 5 |
| 80+ | 1 | 2 | 3 |
| Total | 78 | 81 | 159 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1065 per 100,000 population) was about 10.1 times that for communicable diseases (106 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 101 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 13 deaths per 100,000 population but with 44% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 4% of all tuberculosis deaths.

- The death rate due to tobacco in men was (55 per 100,000 men aged 30 years and over) compared with women (28 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 2% for women.

- Among those who died prematurely, almost one in every 32 deaths among those aged 30-44 and one in 28 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.4% of those whose death was due to a lower respiratory infection, 7% of deaths due to the category of 'all cardiovascular diseases combined', and 44.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 249 | 774 | 1,697 | 4,144 | 10,127 | 1,261 |
| Death rate attributable to tobacco | 8 | 28 | 89 | 84 | 304 | 41 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 5 | 2 | 3 | 3 |
| Death rate: Communicable diseases | 40 | 43 | 63 | 329 | 1,011 | 106 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 3 | 19 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 1 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 1 | 2 | - | - | - | 1 |
| Death rate attributable to tobacco | 0 | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | | | | 4 |
| Death rate: Lower respiratory infections | 5 | 13 | 31 | 147 | 558 | 44 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 3 | 19 | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | 2 | 2 | 3 | 3 |
| Death rate: Noncommunicable diseases | 125 | 642 | 1,583 | 3,641 | 8,978 | 1,065 |
| Death rate attributable to tobacco | 7 | 27 | 88 | 80 | 285 | 39 |
| Proportion of deaths attributable to tobacco (%) | 6 | 4 | 6 | 2 | 3 | 4 |
| Death rate: All malignant neoplasms | 40 | 195 | 451 | 862 | 1,662 | 258 |
| Death rate attributable to tobacco | 1 | 10 | 26 | 23 | 109 | 12 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 6 | 3 | 7 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 6 | 32 | 42 | 91 | 13 |
| Death rate attributable to tobacco | 0 | 3 | 15 | 12 | 50 | 6 |
| Proportion of deaths attributable to tobacco (%) | 25 | 44 | 47 | 28 | 55 | 44 |
| Death rate: All other malignant neoplasms | 39 | 189 | 419 | 820 | 1,570 | 245 |
| Death rate attributable to tobacco | 1 | 7 | 11 | 11 | 59 | 7 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 3 | 1 | 4 | 3 |
| Death rate: All Cardiovascular diseases | 36 | 196 | 540 | 1,466 | 4,821 | 445 |
| Death rate attributable to tobacco | 5 | 14 | 49 | 24 | 22 | 14 |
| Proportion of deaths attributable to tobacco (%) | 14 | 7 | 9 | 2 | 0 | 3 |
| Death rate: Ischaemic heart disease | 2 | 67 | 142 | 392 | 852 | 101 |
| Death rate attributable to tobacco | 1 | 5 | 11 | 5 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | 26 | 7 | 8 | 1 | 1 | 3 |
| Death rate: Cerebrovascular disease | 7 | 66 | 245 | 631 | 1,872 | 175 |
| Death rate attributable to tobacco | 0 | 3 | 19 | 11 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 8 | 2 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 27 | 63 | 153 | 443 | 2,097 | 169 |
| Death rate attributable to tobacco | 4 | 6 | 19 | 8 | 13 | 7 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 13 | 2 | 1 | 4 |
| Death rate: Respiratory diseases | 7 | 39 | 53 | 204 | 519 | 57 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 25 | 130 | 10 |
| Proportion of deaths attributable to tobacco (%) | 20 | 9 | 8 | 12 | 25 | 17 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 15 | 28 | 150 | 279 | 31 |
| Death rate attributable to tobacco | 1 | 3 | 4 | 24 | 116 | 8 |
| Proportion of deaths attributable to tobacco (%) | 44 | 18 | 14 | 16 | 42 | 27 |
| Death rate: Other respiratory diseases | 4 | 24 | 26 | 54 | 240 | 26 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 3 | 2 | 6 | 4 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 336 | 979 | 1,920 | 4,663 | 12,289 | 1,422 | 166 | 577 | 1,510 | 3,668 | 8,716 | 1,113 |
| Death rate attributable to tobacco | 16 | 57 | 15 | 67 | 685 | 55 | - | - | 151 | 99 | 56 | 28 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 1 | 1 | 6 | 4 | - | - | 10 | 3 | 1 | 2 |
| <u>Death rate: Communicable diseases</u> | 56 | 63 | 117 | 417 | 734 | 114 | 25 | 24 | 17 | 248 | 1,191 | 97 |
| Death rate attributable to tobacco | 1 | 1 | 0 | 2 | 33 | 2 | - | - | 1 | 5 | 10 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 0 | 1 | 5 | 2 | - | - | 6 | 2 | 1 | 1 |
| <u>Death rate: Tuberculosis</u> | 3 | 4 | - | - | - | 3 | - | - | - | - | - | - |
| Death rate attributable to tobacco | 0 | 0 | - | - | - | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 3 | | | | 4 | | | | | | |
| <u>Death rate: Lower respiratory infections</u> | 8 | 21 | 57 | 172 | 381 | 42 | 2 | 5 | 9 | 125 | 673 | 46 |
| Death rate attributable to tobacco | 1 | 1 | 0 | 2 | 33 | 2 | - | - | 1 | 5 | 10 | 1 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 1 | 1 | 9 | 4 | - | - | 12 | 4 | 1 | 2 |
| <u>Death rate: Noncommunicable diseases</u> | 126 | 767 | 1,730 | 4,027 | 11,340 | 1,157 | 123 | 522 | 1,460 | 3,288 | 7,436 | 981 |
| Death rate attributable to tobacco | 15 | 56 | 15 | 65 | 651 | 53 | - | - | 150 | 95 | 46 | 27 |
| Proportion of deaths attributable to tobacco (%) | 12 | 7 | 1 | 2 | 6 | 5 | - | - | 10 | 3 | 1 | 3 |
| <u>Death rate: All malignant neoplasms</u> | 33 | 209 | 474 | 1,110 | 2,739 | 303 | 46 | 181 | 432 | 635 | 959 | 217 |
| Death rate attributable to tobacco | 2 | 20 | 8 | 23 | 262 | 18 | - | - | 42 | 23 | 9 | 7 |
| Proportion of deaths attributable to tobacco (%) | 7 | 9 | 2 | 2 | 10 | 6 | - | - | 10 | 4 | 1 | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 13 | 20 | 44 | 163 | 16 | - | - | 42 | 41 | 45 | 10 |
| Death rate attributable to tobacco | 1 | 6 | 3 | 13 | 120 | 7 | - | - | 25 | 11 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | 25 | 44 | 15 | 30 | 74 | 47 | | | 61 | 27 | 10 | 40 |
| <u>Death rate: All other malignant neoplasms</u> | 31 | 197 | 453 | 1,066 | 2,577 | 288 | 46 | 181 | 390 | 595 | 914 | 207 |
| Death rate attributable to tobacco | 2 | 14 | 5 | 9 | 141 | 11 | - | - | 16 | 13 | 5 | 3 |
| Proportion of deaths attributable to tobacco (%) | 5 | 7 | 1 | 1 | 5 | 4 | - | - | 4 | 2 | 1 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 35 | 286 | 543 | 1,501 | 5,432 | 457 | 36 | 110 | 537 | 1,433 | 4,422 | 434 |
| Death rate attributable to tobacco | 10 | 28 | 3 | 9 | 34 | 15 | - | - | 88 | 37 | 15 | 14 |
| Proportion of deaths attributable to tobacco (%) | 28 | 10 | 1 | 1 | 1 | 3 | - | - | 16 | 3 | 0 | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 5 | 109 | 152 | 456 | 1,068 | 120 | - | 28 | 133 | 334 | 711 | 83 |
| Death rate attributable to tobacco | 1 | 10 | 1 | 3 | 6 | 4 | - | - | 19 | 7 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 26 | 9 | 1 | 1 | 1 | 3 | | - | 14 | 2 | 0 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 6 | 69 | 302 | 602 | 2,116 | 172 | 8 | 64 | 197 | 657 | 1,712 | 177 |
| Death rate attributable to tobacco | 1 | 6 | 2 | 3 | 12 | 3 | - | - | 33 | 19 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 1 | 1 | 1 | 2 | - | - | 17 | 3 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 25 | 109 | 89 | 443 | 2,249 | 164 | 29 | 19 | 206 | 442 | 1,999 | 174 |
| Death rate attributable to tobacco | 8 | 12 | 1 | 3 | 16 | 8 | - | - | 35 | 11 | 11 | 6 |
| Proportion of deaths attributable to tobacco (%) | 32 | 11 | 1 | 1 | 1 | 5 | - | - | 17 | 3 | 1 | 3 |
| <u>Death rate: Respiratory diseases</u> | 11 | 55 | 97 | 305 | 913 | 86 | 3 | 23 | 17 | 110 | 262 | 31 |
| Death rate attributable to tobacco | 3 | 7 | 3 | 28 | 307 | 17 | - | - | 5 | 23 | 15 | 3 |
| Proportion of deaths attributable to tobacco (%) | 26 | 13 | 3 | 9 | 34 | 19 | - | - | 33 | 20 | 6 | 10 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 6 | 17 | 51 | 222 | 540 | 48 | - | 13 | 8 | 83 | 109 | 16 |
| Death rate attributable to tobacco | 2 | 6 | 3 | 27 | 274 | 15 | - | - | 4 | 22 | 13 | 3 |
| Proportion of deaths attributable to tobacco (%) | 44 | 32 | 6 | 12 | 51 | 31 | | - | 56 | 26 | 12 | 17 |
| <u>Death rate: Other respiratory diseases</u> | 5 | 38 | 47 | 83 | 373 | 38 | 3 | 10 | 9 | 28 | 153 | 15 |
| Death rate attributable to tobacco | 0 | 2 | 0 | 1 | 32 | 2 | - | - | 1 | 1 | 2 | 0 |
| Proportion of deaths attributable to tobacco (%) | 7 | 4 | 1 | 1 | 9 | 5 | - | - | 12 | 4 | 1 | 2 |

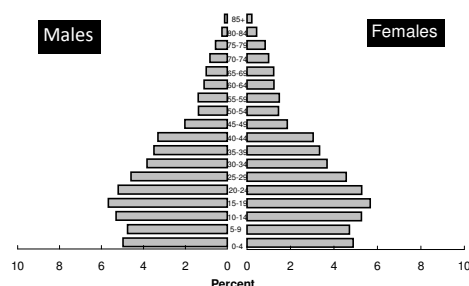
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Saint Vincent and the Grenadines

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 36 | 36 | 72 |
| 30-44 | 13 | 12 | 25 |
| 45-59 | 6 | 6 | 11 |
| 60-69 | 2 | 3 | 5 |
| 70-79 | 2 | 2 | 4 |
| 80+ | 0 | 1 | 1 |
| Total | 59 | 59 | 119 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1236 per 100,000 population) was about 5.3 times that for communicable diseases (235 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 165 deaths per 100,000 population aged 30 years and over, with 10% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 25 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (166 per 100,000 men aged 30 years and over) compared with women (113 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 8% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 20.8% of those whose death was due to a lower respiratory infection, 37.5% of deaths due to the category of 'all cardiovascular diseases combined', and 76.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 503 | 1,155 | 2,042 | 4,949 | 13,471 | 1,558 |
| Death rate attributable to tobacco | 98 | 196 | 124 | 120 | 573 | 139 |
| Proportion of deaths attributable to tobacco (%) | 19 | 17 | 6 | 2 | 4 | 9 |
| Death rate: Communicable diseases | 162 | 201 | 152 | 484 | 1,574 | 235 |
| Death rate attributable to tobacco | 15 | 3 | 4 | 7 | 86 | 12 |
| Proportion of deaths attributable to tobacco (%) | 9 | 1 | 3 | 2 | 5 | 5 |
| Death rate: Tuberculosis | - | 11 | 27 | 10 | 24 | 7 |
| Death rate attributable to tobacco | - | 1 | 1 | 0 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 4 | 5 | 1 | 7 |
| Death rate: Lower respiratory infections | 28 | 6 | 49 | 208 | 786 | 61 |
| Death rate attributable to tobacco | 14 | 1 | 3 | 7 | 86 | 11 |
| Proportion of deaths attributable to tobacco (%) | 48 | 21 | 7 | 3 | 11 | 18 |
| Death rate: Noncommunicable diseases | 251 | 852 | 1,818 | 4,417 | 11,808 | 1,236 |
| Death rate attributable to tobacco | 82 | 193 | 120 | 113 | 487 | 127 |
| Proportion of deaths attributable to tobacco (%) | 33 | 23 | 7 | 3 | 4 | 10 |
| Death rate: All malignant neoplasms | 61 | 218 | 517 | 918 | 2,041 | 277 |
| Death rate attributable to tobacco | 15 | 41 | 42 | 53 | 91 | 30 |
| Proportion of deaths attributable to tobacco (%) | 25 | 19 | 8 | 6 | 4 | 11 |
| Death rate: Trachea, bronchus, lung cancers | 11 | 30 | 40 | 58 | 94 | 25 |
| Death rate attributable to tobacco | 9 | 23 | 24 | 35 | 53 | 18 |
| Proportion of deaths attributable to tobacco (%) | 85 | 76 | 58 | 61 | 56 | 70 |
| Death rate: All other malignant neoplasms | 50 | 188 | 476 | 860 | 1,947 | 251 |
| Death rate attributable to tobacco | 6 | 18 | 19 | 18 | 38 | 12 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 4 | 2 | 2 | 5 |
| Death rate: All Cardiovascular diseases | 68 | 333 | 609 | 1,969 | 6,789 | 534 |
| Death rate attributable to tobacco | 50 | 125 | 54 | 34 | 226 | 72 |
| Proportion of deaths attributable to tobacco (%) | 73 | 37 | 9 | 2 | 3 | 14 |
| Death rate: Ischaemic heart disease | 12 | 88 | 181 | 665 | 2,271 | 165 |
| Death rate attributable to tobacco | 9 | 31 | 14 | 12 | 85 | 17 |
| Proportion of deaths attributable to tobacco (%) | 69 | 35 | 8 | 2 | 4 | 10 |
| Death rate: Cerebrovascular disease | 13 | 86 | 198 | 559 | 1,601 | 140 |
| Death rate attributable to tobacco | 9 | 33 | 18 | 8 | 1 | 16 |
| Proportion of deaths attributable to tobacco (%) | 70 | 38 | 9 | 1 | 0 | 11 |
| Death rate: Other cardiovascular diseases | 43 | 158 | 229 | 745 | 2,917 | 229 |
| Death rate attributable to tobacco | 33 | 61 | 22 | 14 | 140 | 40 |
| Proportion of deaths attributable to tobacco (%) | 75 | 38 | 10 | 2 | 5 | 17 |
| Death rate: Respiratory diseases | 22 | 40 | 53 | 59 | 250 | 39 |
| Death rate attributable to tobacco | 11 | 14 | 8 | 11 | 67 | 13 |
| Proportion of deaths attributable to tobacco (%) | 48 | 35 | 15 | 19 | 27 | 32 |
| Death rate: Chronic obstructive pulmonary disease | - | 13 | 18 | 19 | 177 | 12 |
| Death rate attributable to tobacco | - | 9 | 6 | 9 | 57 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 71 | 36 | 46 | 32 | 45 |
| Death rate: Other respiratory diseases | 22 | 27 | 35 | 39 | 72 | 28 |
| Death rate attributable to tobacco | 11 | 5 | 2 | 2 | 10 | 7 |
| Proportion of deaths attributable to tobacco (%) | 48 | 19 | 5 | 5 | 14 | 27 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 713 | 1,442 | 2,310 | 5,886 | 15,725 | 1,744 | 280 | 867 | 1,813 | 4,238 | 12,149 | 1,377 |
| Death rate attributable to tobacco | 128 | 244 | 117 | 278 | 122 | 166 | 66 | 147 | 130 | - | 838 | 113 |
| Proportion of deaths attributable to tobacco (%) | 18 | 17 | 5 | 5 | 1 | 10 | 23 | 17 | 7 | - | 7 | 8 |
| <u>Death rate: Communicable diseases</u> | 255 | 295 | 211 | 585 | 2,056 | 320 | 63 | 106 | 102 | 408 | 1,292 | 151 |
| Death rate attributable to tobacco | 26 | 3 | 5 | 17 | 18 | 17 | 4 | 2 | 4 | - | 126 | 8 |
| Proportion of deaths attributable to tobacco (%) | 10 | 1 | 2 | 3 | 1 | 5 | 7 | 2 | 4 | - | 10 | 5 |
| <i>Death rate: Tuberculosis</i> | - | 22 | 38 | 23 | 65 | 13 | - | - | 18 | - | - | 2 |
| Death rate attributable to tobacco | - | 3 | 1 | 1 | 1 | 1 | - | - | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | | 13 | 4 | 5 | 1 | 8 | | | 5 | | | 5 |
| <i>Death rate: Lower respiratory infections</i> | 48 | - | 66 | 224 | 968 | 69 | 8 | 11 | 35 | 195 | 680 | 52 |
| Death rate attributable to tobacco | 23 | - | 3 | 16 | 17 | 14 | 4 | 2 | 3 | - | 126 | 7 |
| Proportion of deaths attributable to tobacco (%) | 47 | | 5 | 7 | 2 | 21 | 54 | 21 | 9 | - | 19 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 297 | 978 | 1,977 | 5,191 | 13,541 | 1,268 | 202 | 725 | 1,682 | 3,830 | 10,791 | 1,204 |
| Death rate attributable to tobacco | 102 | 242 | 113 | 261 | 105 | 149 | 61 | 144 | 126 | - | 712 | 106 |
| Proportion of deaths attributable to tobacco (%) | 34 | 25 | 6 | 5 | 1 | 12 | 30 | 20 | 7 | - | 7 | 9 |
| <i>Death rate: All malignant neoplasms</i> | 44 | 224 | 548 | 1,375 | 3,493 | 309 | 80 | 212 | 490 | 571 | 1,190 | 245 |
| Death rate attributable to tobacco | 13 | 56 | 49 | 123 | 31 | 36 | 17 | 25 | 37 | - | 125 | 24 |
| Proportion of deaths attributable to tobacco (%) | 30 | 25 | 9 | 9 | 1 | 12 | 21 | 12 | 7 | - | 11 | 10 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 13 | 36 | 45 | 113 | 65 | 30 | 9 | 23 | 36 | 17 | 110 | 20 |
| Death rate attributable to tobacco | 11 | 29 | 28 | 82 | 23 | 23 | 8 | 16 | 20 | - | 70 | 13 |
| Proportion of deaths attributable to tobacco (%) | 87 | 80 | 62 | 73 | 35 | 75 | 83 | 71 | 54 | - | 64 | 63 |
| <i>Death rate: All other malignant neoplasms</i> | 31 | 188 | 503 | 1,262 | 3,428 | 278 | 70 | 189 | 453 | 554 | 1,079 | 225 |
| Death rate attributable to tobacco | 2 | 27 | 21 | 41 | 9 | 13 | 9 | 9 | 17 | - | 55 | 11 |
| Proportion of deaths attributable to tobacco (%) | 7 | 15 | 4 | 3 | 0 | 5 | 13 | 5 | 4 | - | 5 | 5 |
| <i>Death rate: All Cardiovascular diseases</i> | 82 | 444 | 680 | 2,139 | 7,135 | 527 | 54 | 222 | 548 | 1,840 | 6,585 | 541 |
| Death rate attributable to tobacco | 66 | 157 | 35 | 79 | 8 | 85 | 33 | 92 | 70 | - | 354 | 60 |
| Proportion of deaths attributable to tobacco (%) | 80 | 35 | 5 | 4 | 0 | 16 | 61 | 42 | 13 | - | 5 | 11 |
| <i>Death rate: Ischaemic heart disease</i> | 13 | 116 | 232 | 791 | 2,762 | 174 | 12 | 61 | 138 | 570 | 1,982 | 157 |
| Death rate attributable to tobacco | 11 | 39 | 11 | 29 | 3 | 19 | 7 | 23 | 16 | - | 134 | 15 |
| Proportion of deaths attributable to tobacco (%) | 82 | 33 | 5 | 4 | 0 | 11 | 55 | 38 | 12 | - | 7 | 10 |
| <i>Death rate: Cerebrovascular disease</i> | 19 | 103 | 215 | 586 | 1,317 | 128 | 6 | 70 | 184 | 538 | 1,767 | 152 |
| Death rate attributable to tobacco | 13 | 35 | 10 | 19 | 1 | 18 | 4 | 31 | 25 | - | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 68 | 34 | 5 | 3 | 0 | 14 | 78 | 44 | 13 | - | - | 8 |
| <i>Death rate: Other cardiovascular diseases</i> | 50 | 226 | 232 | 763 | 3,056 | 225 | 37 | 91 | 226 | 732 | 2,836 | 232 |
| Death rate attributable to tobacco | 42 | 84 | 13 | 31 | 4 | 48 | 22 | 38 | 29 | - | 220 | 32 |
| Proportion of deaths attributable to tobacco (%) | 85 | 37 | 6 | 4 | 0 | 21 | 61 | 42 | 13 | - | 8 | 14 |
| <u>Death rate: Respiratory diseases</u> | 38 | 53 | 114 | 112 | 386 | 62 | 5 | 27 | - | 18 | 170 | 17 |
| Death rate attributable to tobacco | 18 | 17 | 18 | 25 | 56 | 19 | 3 | 11 | - | - | 74 | 7 |
| Proportion of deaths attributable to tobacco (%) | 47 | 33 | 15 | 23 | 14 | 31 | 54 | 40 | | - | 43 | 40 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | - | 15 | 38 | 45 | 335 | 18 | - | 11 | - | - | 85 | 5 |
| Death rate attributable to tobacco | - | 11 | 14 | 21 | 55 | 7 | - | 8 | - | - | 58 | 4 |
| Proportion of deaths attributable to tobacco (%) | | 71 | 36 | 46 | 16 | 38 | | 71 | | | 68 | 70 |
| <i>Death rate: Other respiratory diseases</i> | 38 | 38 | 76 | 67 | 51 | 44 | 5 | 17 | - | 18 | 85 | 11 |
| Death rate attributable to tobacco | 18 | 7 | 4 | 5 | 1 | 12 | 3 | 3 | - | - | 16 | 3 |
| Proportion of deaths attributable to tobacco (%) | 47 | 18 | 5 | 7 | 2 | 28 | 54 | 21 | | - | 19 | 25 |

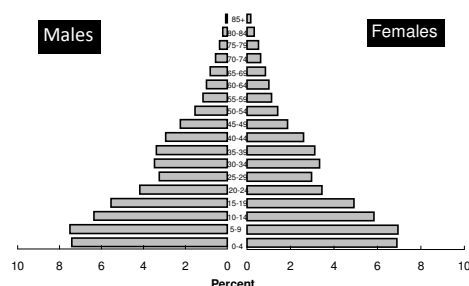
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Samoa

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 63 | 57 | 119 |
| 30-44 | 18 | 17 | 34 |
| 45-59 | 9 | 8 | 17 |
| 60-69 | 3 | 3 | 7 |
| 70-79 | 2 | 2 | 4 |
| 80+ | 1 | 1 | 1 |
| Total | 95 | 88 | 183 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1211 per 100,000 population) was about 4.6 times that for communicable diseases (262 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 208 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 38% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (53 per 100,000 men aged 30 years and over) compared with women (9 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 1% for women.

- Among those who died prematurely, almost one in every 44 deaths among those aged 30-44 and one in 18 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 3.3% of those whose death was due to a lower respiratory infection, 8.4% of deaths due to the category of 'all cardiovascular diseases combined', and 45.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 342 | 1,052 | 2,874 | 6,485 | 15,583 | 1,517 |
| Death rate attributable to tobacco | 8 | 59 | 84 | 19 | 66 | 32 |
| Proportion of deaths attributable to tobacco (%) | 2 | 6 | 3 | 0 | 0 | 2 |
| Death rate: Communicable diseases | 59 | 159 | 432 | 1,223 | 3,000 | 262 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 1 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 1 | 1 | 1 | 0 | 0 | 0 |
| Death rate: Tuberculosis | 1 | 9 | 39 | 85 | 87 | 14 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 2 | 0 | 0 | 1 |
| Death rate: Lower respiratory infections | 10 | 22 | 66 | 312 | 773 | 55 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 2 | 0 | 0 | 1 |
| Death rate: Noncommunicable diseases | 243 | 856 | 2,390 | 5,202 | 12,436 | 1,211 |
| Death rate attributable to tobacco | 7 | 58 | 82 | 18 | 63 | 31 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 3 | 0 | 1 | 3 |
| Death rate: All malignant neoplasms | 54 | 140 | 288 | 493 | 1,175 | 154 |
| Death rate attributable to tobacco | 1 | 7 | 15 | 3 | 9 | 5 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 5 | 1 | 1 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 10 | 18 | 16 | 20 | 7 |
| Death rate attributable to tobacco | 0 | 4 | 10 | 2 | 5 | 3 |
| Proportion of deaths attributable to tobacco (%) | 17 | 45 | 53 | 12 | 23 | 38 |
| Death rate: All other malignant neoplasms | 52 | 130 | 269 | 477 | 1,155 | 147 |
| Death rate attributable to tobacco | 1 | 3 | 5 | 1 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 2 | 0 | 0 | 1 |
| Death rate: All Cardiovascular diseases | 104 | 445 | 1,329 | 2,933 | 7,030 | 653 |
| Death rate attributable to tobacco | 4 | 37 | 27 | 3 | 2 | 15 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 2 | 0 | 0 | 2 |
| Death rate: Ischaemic heart disease | 42 | 211 | 507 | 699 | 1,428 | 208 |
| Death rate attributable to tobacco | 0 | 21 | 12 | 1 | 0 | 7 |
| Proportion of deaths attributable to tobacco (%) | 1 | 10 | 2 | 0 | 0 | 3 |
| Death rate: Cerebrovascular disease | 36 | 121 | 450 | 968 | 2,325 | 211 |
| Death rate attributable to tobacco | 3 | 7 | 7 | 1 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | 7 | 6 | 1 | 0 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 26 | 113 | 373 | 1,266 | 3,276 | 235 |
| Death rate attributable to tobacco | 1 | 9 | 9 | 1 | 1 | 4 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 2 | 0 | 0 | 2 |
| Death rate: Respiratory diseases | 15 | 62 | 220 | 538 | 1,245 | 109 |
| Death rate attributable to tobacco | 1 | 13 | 37 | 12 | 51 | 10 |
| Proportion of deaths attributable to tobacco (%) | 10 | 21 | 17 | 2 | 4 | 9 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 45 | 198 | 497 | 1,092 | 90 |
| Death rate attributable to tobacco | 1 | 12 | 37 | 12 | 51 | 10 |
| Proportion of deaths attributable to tobacco (%) | 23 | 27 | 19 | 2 | 5 | 11 |
| Death rate: Other respiratory diseases | 10 | 16 | 22 | 41 | 153 | 18 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 2 | 0 | 1 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 367 | 1,102 | 3,237 | 7,438 | 17,173 | 1,511 | 315 | 997 | 2,517 | 5,711 | 14,661 | 1,524 |
| Death rate attributable to tobacco | - | 111 | 169 | 43 | 181 | 53 | 16 | - | - | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 5 | 1 | 1 | 4 | 5 | - | - | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 61 | 163 | 398 | 1,271 | 2,935 | 234 | 57 | 156 | 465 | 1,183 | 3,038 | 292 |
| Death rate attributable to tobacco | - | 2 | 4 | 2 | 9 | 1 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 0 | 0 | 1 | 2 | - | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 2 | 15 | 67 | 144 | 147 | 22 | 1 | 3 | 11 | 37 | 53 | 6 |
| Death rate attributable to tobacco | - | 1 | 2 | 0 | 1 | 0 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 0 | 1 | 2 | 4 | - | - | - | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 8 | 23 | 79 | 342 | 821 | 51 | 11 | 20 | 53 | 288 | 745 | 59 |
| Death rate attributable to tobacco | - | 1 | 3 | 1 | 8 | 1 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 0 | 1 | 2 | 8 | - | - | - | - | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 248 | 889 | 2,754 | 6,105 | 14,095 | 1,216 | 238 | 819 | 2,032 | 4,470 | 11,474 | 1,205 |
| Death rate attributable to tobacco | - | 109 | 165 | 41 | 172 | 52 | 15 | - | - | - | - | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 6 | 1 | 1 | 4 | 6 | - | - | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 83 | 282 | 586 | 1,354 | 118 | 86 | 204 | 293 | 417 | 1,072 | 191 |
| Death rate attributable to tobacco | - | 13 | 30 | 6 | 23 | 7 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 10 | 1 | 2 | 6 | 4 | - | - | - | - | 1 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 15 | 37 | 35 | 55 | 11 | 2 | 3 | 0 | - | - | 2 |
| Death rate attributable to tobacco | - | 8 | 19 | 4 | 12 | 5 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 54 | 53 | 12 | 23 | 41 | 25 | - | - | - | - | 15 |
| <u>Death rate: All other malignant neoplasms</u> | 23 | 67 | 246 | 551 | 1,299 | 107 | 84 | 201 | 293 | 417 | 1,072 | 189 |
| Death rate attributable to tobacco | - | 5 | 10 | 2 | 11 | 3 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 0 | 1 | 3 | 3 | - | - | - | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 141 | 534 | 1,528 | 3,403 | 7,856 | 689 | 65 | 345 | 1,134 | 2,552 | 6,551 | 615 |
| Death rate attributable to tobacco | - | 70 | 55 | 7 | 5 | 26 | 9 | - | - | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 4 | 0 | 0 | 4 | 14 | - | - | - | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 73 | 317 | 721 | 964 | 1,980 | 285 | 9 | 91 | 297 | 484 | 1,109 | 126 |
| Death rate attributable to tobacco | - | 40 | 25 | 2 | 1 | 14 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 3 | 0 | 0 | 5 | 8 | - | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 43 | 107 | 390 | 1,114 | 2,572 | 194 | 28 | 138 | 508 | 850 | 2,181 | 228 |
| Death rate attributable to tobacco | - | 14 | 13 | 2 | 1 | 5 | 6 | - | - | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 3 | 0 | 0 | 3 | 20 | - | - | - | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 24 | 110 | 416 | 1,325 | 3,304 | 210 | 29 | 116 | 330 | 1,218 | 3,260 | 261 |
| Death rate attributable to tobacco | - | 17 | 17 | 3 | 2 | 7 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 4 | 0 | 0 | 3 | 10 | - | - | - | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 16 | 76 | 290 | 721 | 1,664 | 125 | 13 | 46 | 152 | 390 | 1,002 | 91 |
| Death rate attributable to tobacco | - | 24 | 75 | 27 | 140 | 18 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 26 | 4 | 8 | 14 | 23 | - | - | - | - | 2 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 56 | 260 | 658 | 1,437 | 103 | 5 | 33 | 137 | 367 | 892 | 78 |
| Death rate attributable to tobacco | - | 23 | 74 | 27 | 138 | 18 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 28 | 4 | 10 | 17 | 44 | - | - | - | - | 2 |
| <u>Death rate: Other respiratory diseases</u> | 12 | 19 | 30 | 63 | 227 | 22 | 7 | 13 | 15 | 23 | 110 | 14 |
| Death rate attributable to tobacco | - | 1 | 1 | 0 | 2 | 0 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 0 | 1 | 2 | 8 | - | - | - | - | 2 |

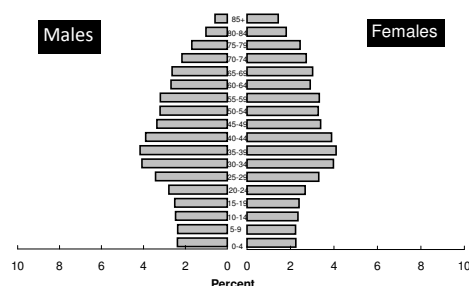
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

San Marino

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 5 | 4 | 9 |
| 30-44 | 4 | 4 | 7 |
| 45-59 | 3 | 3 | 6 |
| 60-69 | 2 | 2 | 3 |
| 70-79 | 1 | 2 | 3 |
| 80+ | 0 | 1 | 1 |
| Total | 14 | 15 | 30 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1284 per 100,000 population) was about 27.5 times that for communicable diseases (47 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 24% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 207 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 83 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- The death rate due to tobacco in men was (314 per 100,000 men aged 30 years and over) compared with women (95 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 7% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 48 | 246 | 918 | 2,586 | 11,096 | 1,353 |
| Death rate attributable to tobacco | - | 38 | 223 | 580 | 1,082 | 199 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 24 | 22 | 10 | 15 |
| Death rate: Communicable diseases | - | 12 | 23 | 28 | 510 | 47 |
| Death rate attributable to tobacco | - | 2 | 6 | 9 | 121 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 28 | 33 | 24 | 24 |
| Death rate: Tuberculosis | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Lower respiratory infections | - | 12 | 23 | 28 | 510 | 47 |
| Death rate attributable to tobacco | - | 2 | 6 | 9 | 121 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 28 | 33 | 24 | 24 |
| Death rate: Noncommunicable diseases | 41 | 209 | 833 | 2,558 | 10,546 | 1,284 |
| Death rate attributable to tobacco | - | 35 | 216 | 571 | 961 | 187 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 26 | 22 | 9 | 15 |
| Death rate: All malignant neoplasms | 20 | 133 | 438 | 977 | 2,244 | 402 |
| Death rate attributable to tobacco | - | 20 | 147 | 344 | 509 | 110 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 33 | 35 | 23 | 27 |
| Death rate: Trachea, bronchus, lung cancers | - | 19 | 119 | 277 | 309 | 83 |
| Death rate attributable to tobacco | - | 15 | 102 | 247 | 268 | 72 |
| Proportion of deaths attributable to tobacco (%) | - | 81 | 86 | 89 | 87 | 87 |
| Death rate: All other malignant neoplasms | 20 | 114 | 319 | 699 | 1,936 | 319 |
| Death rate attributable to tobacco | - | 4 | 44 | 97 | 241 | 38 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 14 | 14 | 12 | 12 |
| Death rate: All Cardiovascular diseases | 20 | 72 | 336 | 1,515 | 7,806 | 828 |
| Death rate attributable to tobacco | - | 16 | 66 | 228 | 403 | 73 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 20 | 15 | 5 | 9 |
| Death rate: Ischaemic heart disease | 5 | 45 | 193 | 469 | 1,409 | 207 |
| Death rate attributable to tobacco | - | 11 | 42 | 65 | 69 | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 22 | 14 | 5 | 11 |
| Death rate: Cerebrovascular disease | 2 | 7 | 36 | 224 | 1,510 | 144 |
| Death rate attributable to tobacco | - | - | 2 | 30 | 16 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | - | 6 | 14 | 1 | 4 |
| Death rate: Other cardiovascular diseases | 13 | 20 | 106 | 822 | 4,887 | 478 |
| Death rate attributable to tobacco | - | 5 | 22 | 133 | 318 | 45 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 21 | 16 | 7 | 9 |
| Death rate: Respiratory diseases | - | - | 24 | - | 213 | 19 |
| Death rate attributable to tobacco | - | - | 4 | - | 50 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 15 | - | 23 | 22 |
| Death rate: Chronic obstructive pulmonary disease | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - |
| Death rate: Other respiratory diseases | - | - | 24 | - | 213 | 19 |
| Death rate attributable to tobacco | - | - | 4 | - | 50 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 15 | - | 23 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 56 | 322 | 1,236 | 3,456 | 11,458 | 1,287 | 40 | 171 | 633 | 1,939 | 10,916 | 1,413 |
| Death rate attributable to tobacco | - | 76 | 439 | 1,107 | 1,832 | 314 | - | - | 29 | 189 | 711 | 95 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 35 | 32 | 16 | 24 | - | - | 5 | 10 | 7 | 7 |
| <u>Death rate: Communicable diseases</u> | - | 25 | 49 | 65 | 607 | 53 | - | - | - | - | 463 | 41 |
| Death rate attributable to tobacco | - | 5 | 14 | 21 | 214 | 17 | - | - | - | - | 75 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 28 | 33 | 35 | 32 | - | - | - | - | 16 | 16 |
| <u>Death rate: Tuberculosis</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | - | 25 | 49 | 65 | 607 | 53 | - | - | - | - | 463 | 41 |
| Death rate attributable to tobacco | - | 5 | 14 | 21 | 214 | 17 | - | - | - | - | 75 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 28 | 33 | 35 | 32 | - | - | - | - | 16 | 16 |
| <u>Death rate: Noncommunicable diseases</u> | 41 | 248 | 1,108 | 3,391 | 10,733 | 1,195 | 40 | 171 | 586 | 1,939 | 10,454 | 1,364 |
| Death rate attributable to tobacco | - | 71 | 425 | 1,086 | 1,618 | 298 | - | - | 29 | 189 | 636 | 88 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 38 | 32 | 15 | 25 | - | - | 5 | 10 | 6 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 13 | 153 | 615 | 1,625 | 3,319 | 505 | 28 | 112 | 280 | 495 | 1,713 | 309 |
| Death rate attributable to tobacco | - | 40 | 296 | 720 | 1,282 | 208 | - | - | 13 | 64 | 126 | 22 |
| Proportion of deaths attributable to tobacco (%) | - | 26 | 48 | 44 | 39 | 41 | - | - | 5 | 13 | 7 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 38 | 225 | 555 | 731 | 149 | - | - | 24 | 71 | 100 | 23 |
| Death rate attributable to tobacco | - | 31 | 208 | 524 | 689 | 138 | - | - | 8 | 41 | 59 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 81 | 92 | 94 | 94 | 93 | - | - | 32 | 58 | 60 | 54 |
| <u>Death rate: All other malignant neoplasms</u> | 13 | 116 | 390 | 1,070 | 2,588 | 356 | 28 | 112 | 255 | 424 | 1,613 | 286 |
| Death rate attributable to tobacco | - | 9 | 88 | 196 | 593 | 69 | - | - | 5 | 23 | 67 | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 23 | 18 | 23 | 19 | - | - | 2 | 5 | 4 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 28 | 86 | 420 | 1,701 | 6,925 | 644 | 13 | 59 | 260 | 1,377 | 8,242 | 993 |
| Death rate attributable to tobacco | - | 32 | 122 | 366 | 252 | 85 | - | - | 15 | 125 | 477 | 63 |
| Proportion of deaths attributable to tobacco (%) | - | 37 | 29 | 22 | 4 | 13 | - | - | 6 | 9 | 6 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 2 | 63 | 301 | 586 | 1,409 | 207 | 9 | 28 | 97 | 383 | 1,410 | 207 |
| Death rate attributable to tobacco | - | 22 | 83 | 114 | 44 | 36 | - | - | 5 | 29 | 81 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 28 | 19 | 3 | 17 | - | - | 5 | 7 | 6 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 4 | - | - | 236 | 1,556 | 106 | - | 13 | 69 | 215 | 1,487 | 178 |
| Death rate attributable to tobacco | - | - | - | 41 | 48 | 7 | - | - | 4 | 22 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 18 | 3 | 7 | - | - | 6 | 10 | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 22 | 23 | 119 | 879 | 3,960 | 332 | 4 | 17 | 94 | 779 | 5,346 | 609 |
| Death rate attributable to tobacco | - | 10 | 40 | 211 | 160 | 42 | - | - | 6 | 74 | 396 | 47 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 33 | 24 | 4 | 13 | - | - | 6 | 10 | 7 | 8 |
| <u>Death rate: Respiratory diseases</u> | - | - | 24 | - | 241 | 16 | - | - | 24 | - | 199 | 22 |
| Death rate attributable to tobacco | - | - | 7 | - | 85 | 5 | - | - | 1 | - | 32 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 28 | - | 35 | 33 | - | - | 4 | - | 16 | 14 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | - | - | - | - | - | - | - | - | - | - | - |
| Death rate attributable to tobacco | - | - | - | - | - | - | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | - | - | 24 | - | 241 | 16 | - | - | 24 | - | 199 | 22 |
| Death rate attributable to tobacco | - | - | 7 | - | 85 | 5 | - | - | 1 | - | 32 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | - | 28 | - | 35 | 33 | - | - | 4 | - | 16 | 14 |

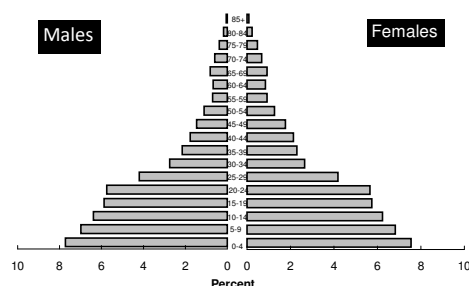
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Sao Tome and Principe

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|------------|
| 0-29 | 55 | 54 | 110 |
| 30-44 | 10 | 11 | 21 |
| 45-59 | 5 | 6 | 11 |
| 60-69 | 2 | 3 | 5 |
| 70-79 | 1 | 2 | 3 |
| 80+ | 0 | 0 | 1 |
| Total | 74 | 76 | 150 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1368 per 100,000 population) was about 3 times that for communicable diseases (458 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 6% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 191 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 35 deaths per 100,000 population but with 77% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (339 per 100,000 men aged 30 years and over) compared with women (174 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 10% for women.

- Among those who died prematurely, almost one in every 15 deaths among those aged 30-44 and one in 7 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 13.3% of those whose death was due to a lower respiratory infection, 27.4% of deaths due to the category of 'all cardiovascular diseases combined', and 70.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 485 | 1,199 | 3,403 | 7,801 | 17,316 | 1,951 |
| Death rate attributable to tobacco | 32 | 169 | 523 | 1,179 | 1,632 | 252 |
| Proportion of deaths attributable to tobacco (%) | 7 | 14 | 15 | 15 | 9 | 13 |
| Death rate: Communicable diseases | 214 | 407 | 763 | 1,299 | 2,186 | 458 |
| Death rate attributable to tobacco | 10 | 24 | 43 | 92 | 181 | 28 |
| Proportion of deaths attributable to tobacco (%) | 5 | 6 | 6 | 7 | 8 | 6 |
| Death rate: Tuberculosis | 86 | 115 | 88 | 65 | 68 | 92 |
| Death rate attributable to tobacco | 8 | 14 | 10 | 7 | 9 | 10 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 11 | 11 | 13 | 11 |
| Death rate: Lower respiratory infections | 30 | 72 | 208 | 458 | 1,083 | 118 |
| Death rate attributable to tobacco | 2 | 10 | 32 | 80 | 172 | 17 |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 15 | 18 | 16 | 15 |
| Death rate: Noncommunicable diseases | 170 | 672 | 2,485 | 6,290 | 14,833 | 1,368 |
| Death rate attributable to tobacco | 22 | 145 | 480 | 1,087 | 1,451 | 224 |
| Proportion of deaths attributable to tobacco (%) | 13 | 22 | 19 | 17 | 10 | 16 |
| Death rate: All malignant neoplasms | 32 | 162 | 518 | 1,121 | 1,929 | 250 |
| Death rate attributable to tobacco | 4 | 43 | 153 | 314 | 401 | 65 |
| Proportion of deaths attributable to tobacco (%) | 12 | 26 | 29 | 28 | 21 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 24 | 84 | 161 | 201 | 35 |
| Death rate attributable to tobacco | 1 | 17 | 67 | 131 | 160 | 27 |
| Proportion of deaths attributable to tobacco (%) | 33 | 71 | 80 | 81 | 79 | 77 |
| Death rate: All other malignant neoplasms | 29 | 138 | 434 | 960 | 1,729 | 216 |
| Death rate attributable to tobacco | 3 | 26 | 85 | 183 | 241 | 38 |
| Proportion of deaths attributable to tobacco (%) | 11 | 19 | 20 | 19 | 14 | 18 |
| Death rate: All Cardiovascular diseases | 61 | 280 | 1,194 | 3,338 | 8,913 | 696 |
| Death rate attributable to tobacco | 15 | 77 | 200 | 396 | 245 | 89 |
| Proportion of deaths attributable to tobacco (%) | 24 | 27 | 17 | 12 | 3 | 13 |
| Death rate: Ischaemic heart disease | 7 | 80 | 405 | 1,003 | 1,870 | 191 |
| Death rate attributable to tobacco | 2 | 22 | 65 | 100 | 58 | 24 |
| Proportion of deaths attributable to tobacco (%) | 36 | 28 | 16 | 10 | 3 | 13 |
| Death rate: Cerebrovascular disease | 19 | 104 | 452 | 1,214 | 2,907 | 248 |
| Death rate attributable to tobacco | 3 | 28 | 75 | 152 | 15 | 30 |
| Proportion of deaths attributable to tobacco (%) | 17 | 27 | 17 | 13 | 1 | 12 |
| Death rate: Other cardiovascular diseases | 35 | 96 | 337 | 1,122 | 4,136 | 257 |
| Death rate attributable to tobacco | 9 | 27 | 61 | 144 | 172 | 34 |
| Proportion of deaths attributable to tobacco (%) | 26 | 28 | 18 | 13 | 4 | 13 |
| Death rate: Respiratory diseases | 20 | 70 | 292 | 756 | 1,734 | 159 |
| Death rate attributable to tobacco | 3 | 23 | 114 | 341 | 754 | 64 |
| Proportion of deaths attributable to tobacco (%) | 17 | 32 | 39 | 45 | 43 | 40 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 26 | 139 | 412 | 932 | 77 |
| Death rate attributable to tobacco | 2 | 16 | 91 | 281 | 624 | 51 |
| Proportion of deaths attributable to tobacco (%) | 54 | 63 | 66 | 68 | 67 | 66 |
| Death rate: Other respiratory diseases | 17 | 44 | 153 | 344 | 802 | 82 |
| Death rate attributable to tobacco | 2 | 6 | 23 | 60 | 130 | 13 |
| Proportion of deaths attributable to tobacco (%) | 9 | 14 | 15 | 18 | 16 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 535 | 1,429 | 3,979 | 8,518 | 18,304 | 2,119 | 437 | 1,009 | 2,915 | 7,190 | 16,584 | 1,803 |
| Death rate attributable to tobacco | 66 | 269 | 750 | 1,348 | 2,303 | 339 | 1 | 86 | 331 | 1,035 | 1,135 | 174 |
| Proportion of deaths attributable to tobacco (%) | 12 | 19 | 19 | 16 | 13 | 16 | 0 | 9 | 11 | 14 | 7 | 10 |
| <u>Death rate: Communicable diseases</u> | 209 | 529 | 1,092 | 1,604 | 2,448 | 545 | 219 | 307 | 485 | 1,039 | 1,992 | 381 |
| Death rate attributable to tobacco | 21 | 44 | 70 | 104 | 237 | 43 | 0 | 7 | 21 | 82 | 140 | 14 |
| Proportion of deaths attributable to tobacco (%) | 10 | 8 | 6 | 6 | 10 | 8 | 0 | 2 | 4 | 8 | 7 | 4 |
| <u>Death rate: Tuberculosis</u> | 132 | 207 | 127 | 98 | 117 | 148 | 42 | 39 | 55 | 37 | 32 | 42 |
| Death rate attributable to tobacco | 17 | 29 | 17 | 11 | 17 | 20 | 0 | 2 | 3 | 4 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 13 | 14 | 13 | 12 | 15 | 13 | 0 | 4 | 6 | 11 | 7 | 3 |
| <u>Death rate: Lower respiratory infections</u> | 23 | 77 | 272 | 533 | 1,107 | 126 | 37 | 68 | 153 | 394 | 1,064 | 112 |
| Death rate attributable to tobacco | 4 | 15 | 50 | 86 | 220 | 23 | 0 | 5 | 17 | 76 | 137 | 13 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 18 | 16 | 20 | 18 | 0 | 8 | 11 | 19 | 13 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 179 | 713 | 2,658 | 6,624 | 15,509 | 1,392 | 162 | 639 | 2,338 | 6,006 | 14,333 | 1,347 |
| Death rate attributable to tobacco | 45 | 224 | 680 | 1,244 | 2,066 | 296 | 1 | 79 | 310 | 953 | 996 | 160 |
| Proportion of deaths attributable to tobacco (%) | 25 | 31 | 26 | 19 | 13 | 21 | 0 | 12 | 13 | 16 | 7 | 12 |
| <u>Death rate: All malignant neoplasms</u> | 27 | 164 | 620 | 1,372 | 2,595 | 284 | 36 | 161 | 432 | 906 | 1,436 | 221 |
| Death rate attributable to tobacco | 8 | 77 | 263 | 475 | 728 | 105 | 0 | 14 | 59 | 176 | 158 | 29 |
| Proportion of deaths attributable to tobacco (%) | 29 | 47 | 43 | 35 | 28 | 37 | 0 | 9 | 14 | 19 | 11 | 13 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 38 | 136 | 235 | 356 | 52 | 2 | 12 | 40 | 98 | 86 | 19 |
| Death rate attributable to tobacco | 2 | 31 | 119 | 204 | 314 | 45 | 0 | 5 | 24 | 68 | 45 | 11 |
| Proportion of deaths attributable to tobacco (%) | 49 | 81 | 87 | 87 | 88 | 85 | 2 | 44 | 59 | 70 | 53 | 58 |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 126 | 483 | 1,137 | 2,240 | 231 | 34 | 149 | 392 | 808 | 1,350 | 202 |
| Death rate attributable to tobacco | 6 | 46 | 144 | 271 | 415 | 61 | 0 | 9 | 35 | 108 | 113 | 18 |
| Proportion of deaths attributable to tobacco (%) | 27 | 36 | 30 | 24 | 19 | 26 | 0 | 6 | 9 | 13 | 8 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 61 | 285 | 1,180 | 3,202 | 8,279 | 646 | 60 | 276 | 1,207 | 3,454 | 9,382 | 741 |
| Death rate attributable to tobacco | 29 | 105 | 220 | 283 | 134 | 93 | 0 | 53 | 183 | 492 | 326 | 84 |
| Proportion of deaths attributable to tobacco (%) | 48 | 37 | 19 | 9 | 2 | 14 | 1 | 19 | 15 | 14 | 3 | 11 |
| <u>Death rate: Ischaemic heart disease</u> | 10 | 106 | 488 | 1,226 | 2,020 | 222 | 4 | 58 | 334 | 812 | 1,759 | 164 |
| Death rate attributable to tobacco | 5 | 37 | 87 | 105 | 29 | 31 | 0 | 9 | 45 | 95 | 79 | 18 |
| Proportion of deaths attributable to tobacco (%) | 51 | 35 | 18 | 9 | 1 | 14 | 0 | 16 | 14 | 12 | 4 | 11 |
| <u>Death rate: Cerebrovascular disease</u> | 19 | 92 | 400 | 1,064 | 2,522 | 210 | 19 | 115 | 496 | 1,341 | 3,192 | 281 |
| Death rate attributable to tobacco | 6 | 33 | 71 | 81 | 36 | 27 | 0 | 23 | 78 | 212 | - | 33 |
| Proportion of deaths attributable to tobacco (%) | 33 | 36 | 18 | 8 | 1 | 13 | 1 | 20 | 16 | 16 | - | 12 |
| <u>Death rate: Other cardiovascular diseases</u> | 32 | 87 | 291 | 911 | 3,737 | 213 | 37 | 104 | 376 | 1,301 | 4,431 | 297 |
| Death rate attributable to tobacco | 18 | 35 | 62 | 96 | 69 | 35 | 0 | 20 | 60 | 185 | 248 | 34 |
| Proportion of deaths attributable to tobacco (%) | 57 | 40 | 21 | 11 | 2 | 16 | 1 | 20 | 16 | 14 | 6 | 11 |
| <u>Death rate: Respiratory diseases</u> | 23 | 94 | 394 | 975 | 2,200 | 199 | 17 | 50 | 206 | 570 | 1,389 | 124 |
| Death rate attributable to tobacco | 7 | 38 | 182 | 457 | 1,130 | 91 | 0 | 10 | 57 | 242 | 476 | 40 |
| Proportion of deaths attributable to tobacco (%) | 29 | 40 | 46 | 47 | 51 | 46 | 1 | 19 | 28 | 42 | 34 | 32 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 38 | 208 | 582 | 1,306 | 106 | 2 | 16 | 80 | 267 | 655 | 51 |
| Death rate attributable to tobacco | 4 | 27 | 148 | 394 | 952 | 74 | 0 | 7 | 43 | 184 | 381 | 31 |
| Proportion of deaths attributable to tobacco (%) | 69 | 72 | 71 | 68 | 73 | 70 | 4 | 44 | 54 | 69 | 58 | 60 |
| <u>Death rate: Other respiratory diseases</u> | 18 | 57 | 186 | 393 | 894 | 93 | 16 | 34 | 126 | 303 | 734 | 73 |
| Death rate attributable to tobacco | 3 | 11 | 34 | 63 | 177 | 17 | 0 | 3 | 14 | 58 | 94 | 9 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 18 | 16 | 20 | 18 | 0 | 8 | 11 | 19 | 13 | 13 |

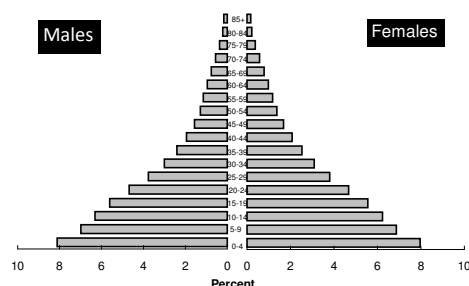
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Senegal

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,070 | 4,027 | 8,097 |
| 30-44 | 843 | 883 | 1,727 |
| 45-59 | 458 | 485 | 943 |
| 60-69 | 198 | 203 | 400 |
| 70-79 | 108 | 109 | 217 |
| 80+ | 44 | 45 | 89 |
| Total | 5,721 | 5,752 | 11,472 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1466 per 100,000 population) was about 2.6 times that for communicable diseases (554 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 211 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 7 deaths per 100,000 population but with 45% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (69 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 585 | 1,396 | 3,476 | 8,084 | 19,938 | 2,145 |
| Death rate attributable to tobacco | - | 10 | 70 | 178 | 418 | 34 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 270 | 442 | 869 | 1,586 | 3,333 | 554 |
| Death rate attributable to tobacco | - | 1 | 9 | 21 | 66 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 92 | 115 | 140 | 170 | 122 | 110 |
| Death rate attributable to tobacco | - | 1 | 2 | 3 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 2 | 3 | 1 |
| Death rate: Lower respiratory infections | 18 | 129 | 393 | 816 | 2,005 | 197 |
| Death rate attributable to tobacco | - | 1 | 7 | 18 | 62 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 2 |
| Death rate: Noncommunicable diseases | 214 | 840 | 2,462 | 6,267 | 16,245 | 1,466 |
| Death rate attributable to tobacco | - | 9 | 61 | 157 | 353 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 3 | 2 | 2 |
| Death rate: All malignant neoplasms | 34 | 182 | 507 | 1,150 | 2,194 | 260 |
| Death rate attributable to tobacco | - | 2 | 18 | 46 | 109 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 4 | 5 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 4 | 16 | 35 | 56 | 7 |
| Death rate attributable to tobacco | - | 1 | 7 | 20 | 35 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 46 | 56 | 63 | 45 |
| Death rate: All other malignant neoplasms | 33 | 178 | 491 | 1,115 | 2,138 | 253 |
| Death rate attributable to tobacco | - | 1 | 11 | 26 | 73 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 2 |
| Death rate: All Cardiovascular diseases | 71 | 340 | 1,085 | 3,058 | 9,062 | 695 |
| Death rate attributable to tobacco | - | 4 | 15 | 27 | 16 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 13 | 115 | 400 | 978 | 2,339 | 211 |
| Death rate attributable to tobacco | - | 2 | 6 | 10 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 0 | 1 |
| Death rate: Cerebrovascular disease | 29 | 127 | 399 | 1,120 | 3,122 | 252 |
| Death rate attributable to tobacco | - | 1 | 5 | 8 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 29 | 98 | 286 | 961 | 3,601 | 233 |
| Death rate attributable to tobacco | - | 1 | 4 | 9 | 7 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 28 | 95 | 291 | 698 | 1,580 | 162 |
| Death rate attributable to tobacco | - | 3 | 27 | 81 | 219 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 9 | 12 | 14 | 9 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 37 | 145 | 363 | 742 | 73 |
| Death rate attributable to tobacco | - | 3 | 25 | 74 | 194 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 17 | 20 | 26 | 18 |
| Death rate: Other respiratory diseases | 22 | 58 | 146 | 335 | 838 | 88 |
| Death rate attributable to tobacco | - | 0 | 2 | 7 | 25 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 654 | 1,658 | 4,002 | 8,797 | 21,434 | 2,420 | 519 | 1,147 | 2,963 | 7,378 | 18,467 | 1,882 |
| Death rate attributable to tobacco | - | 22 | 142 | 357 | 844 | 69 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 4 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 258 | 563 | 1,095 | 1,875 | 3,828 | 644 | 281 | 328 | 649 | 1,300 | 2,846 | 468 |
| Death rate attributable to tobacco | - | 3 | 18 | 41 | 132 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 139 | 184 | 206 | 243 | 176 | 167 | 47 | 49 | 76 | 98 | 69 | 55 |
| Death rate attributable to tobacco | - | 1 | 4 | 6 | 7 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 4 | 1 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 30 | 152 | 509 | 988 | 2,342 | 246 | 7 | 107 | 280 | 645 | 1,675 | 151 |
| Death rate attributable to tobacco | - | 1 | 14 | 35 | 125 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 4 | 5 | 3 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 236 | 924 | 2,713 | 6,614 | 17,209 | 1,593 | 194 | 762 | 2,217 | 5,923 | 15,297 | 1,345 |
| Death rate attributable to tobacco | - | 19 | 124 | 316 | 712 | 60 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 5 | 5 | 4 | 4 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 29 | 187 | 585 | 1,386 | 2,929 | 305 | 38 | 178 | 431 | 916 | 1,472 | 216 |
| Death rate attributable to tobacco | - | 4 | 37 | 92 | 219 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 6 | 7 | 7 | 6 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 8 | 32 | 70 | 114 | 14 | 1 | 0 | - | - | - | 0 |
| Death rate attributable to tobacco | - | 1 | 15 | 39 | 71 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 46 | 56 | 63 | 47 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 179 | 553 | 1,315 | 2,815 | 291 | 38 | 178 | 431 | 916 | 1,472 | 216 |
| Death rate attributable to tobacco | - | 3 | 22 | 53 | 148 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 4 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 74 | 365 | 1,127 | 2,943 | 8,774 | 700 | 68 | 318 | 1,043 | 3,172 | 9,346 | 690 |
| Death rate attributable to tobacco | - | 9 | 31 | 54 | 32 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 0 | 1 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 18 | 154 | 489 | 1,167 | 2,612 | 256 | 9 | 78 | 313 | 791 | 2,071 | 167 |
| Death rate attributable to tobacco | - | 3 | 13 | 21 | 9 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 29 | 129 | 387 | 980 | 2,762 | 235 | 29 | 125 | 410 | 1,258 | 3,476 | 268 |
| Death rate attributable to tobacco | - | 3 | 10 | 15 | 9 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 0 | 1 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 28 | 81 | 251 | 797 | 3,400 | 209 | 30 | 114 | 320 | 1,123 | 3,799 | 255 |
| Death rate attributable to tobacco | - | 2 | 8 | 18 | 15 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 31 | 125 | 396 | 918 | 1,992 | 211 | 24 | 66 | 189 | 480 | 1,175 | 114 |
| Death rate attributable to tobacco | - | 6 | 55 | 163 | 443 | 31 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 14 | 18 | 22 | 15 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 8 | 54 | 216 | 516 | 1,030 | 106 | 4 | 21 | 76 | 211 | 459 | 42 |
| Death rate attributable to tobacco | - | 5 | 50 | 148 | 391 | 28 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 23 | 29 | 38 | 26 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 24 | 70 | 180 | 402 | 961 | 105 | 20 | 45 | 114 | 268 | 716 | 72 |
| Death rate attributable to tobacco | - | 1 | 5 | 14 | 51 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 4 | 5 | 3 | - | - | - | - | - | - |

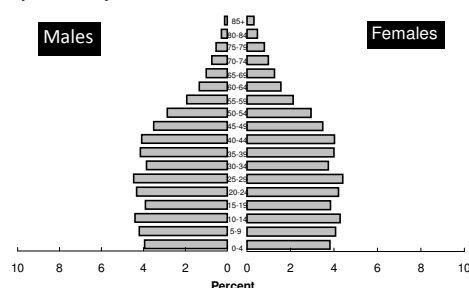
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Seychelles

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 21 | 21 | 42 |
| 30-44 | 10 | 10 | 20 |
| 45-59 | 7 | 7 | 14 |
| 60-69 | 2 | 2 | 4 |
| 70-79 | 1 | 2 | 3 |
| 80+ | 0 | 1 | 1 |
| Total | 42 | 43 | 85 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1077 per 100,000 population) was about 7 times that for communicable diseases (153 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 150 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 17 deaths per 100,000 population but with 69% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (124 per 100,000 men aged 30 years and over) compared with women (23 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 2% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 212 | 796 | 2,435 | 5,255 | 15,746 | 1,316 |
| Death rate attributable to tobacco | - | 32 | 262 | 565 | - | 72 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 11 | 11 | - | 5 |
| Death rate: Communicable diseases | 29 | 86 | 201 | 655 | 2,072 | 153 |
| Death rate attributable to tobacco | - | 1 | 4 | 27 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 4 | - | 2 |
| Death rate: Tuberculosis | 1 | - | 5 | 19 | - | 2 |
| Death rate attributable to tobacco | - | - | - | 2 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 10 | - | 6 |
| Death rate: Lower respiratory infections | 3 | 25 | 53 | 164 | 792 | 44 |
| Death rate attributable to tobacco | - | 1 | 4 | 25 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 15 | - | 5 |
| Death rate: Noncommunicable diseases | 118 | 587 | 2,133 | 4,547 | 13,674 | 1,077 |
| Death rate attributable to tobacco | - | 31 | 258 | 538 | - | 70 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 12 | 12 | - | 6 |
| Death rate: All malignant neoplasms | 26 | 184 | 522 | 920 | 756 | 202 |
| Death rate attributable to tobacco | - | 13 | 134 | 229 | - | 32 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 26 | 25 | - | 16 |
| Death rate: Trachea, bronchus, lung cancers | - | 9 | 51 | 145 | - | 17 |
| Death rate attributable to tobacco | - | 3 | 39 | 115 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 76 | 79 | - | 69 |
| Death rate: All other malignant neoplasms | 26 | 175 | 470 | 775 | 756 | 185 |
| Death rate attributable to tobacco | - | 10 | 95 | 114 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 20 | 15 | - | 11 |
| Death rate: All Cardiovascular diseases | 52 | 238 | 1,023 | 2,121 | 9,422 | 564 |
| Death rate attributable to tobacco | - | 17 | 98 | 199 | - | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 10 | 9 | - | 5 |
| Death rate: Ischaemic heart disease | 2 | 66 | 368 | 628 | 2,098 | 150 |
| Death rate attributable to tobacco | - | 5 | 38 | 54 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 9 | - | 6 |
| Death rate: Cerebrovascular disease | - | 17 | 80 | 192 | 644 | 41 |
| Death rate attributable to tobacco | - | 1 | 5 | 19 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 7 | 10 | - | 5 |
| Death rate: Other cardiovascular diseases | 50 | 155 | 575 | 1,301 | 6,680 | 374 |
| Death rate attributable to tobacco | - | 11 | 54 | 126 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 9 | 10 | - | 5 |
| Death rate: Respiratory diseases | 2 | 13 | 112 | 324 | 2,066 | 86 |
| Death rate attributable to tobacco | - | 1 | 22 | 92 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 20 | 28 | - | 9 |
| Death rate: Chronic obstructive pulmonary disease | - | 1 | 22 | 82 | 539 | 20 |
| Death rate attributable to tobacco | - | 0 | 11 | 54 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 53 | 66 | - | 22 |
| Death rate: Other respiratory diseases | 2 | 12 | 90 | 242 | 1,527 | 65 |
| Death rate attributable to tobacco | - | 0 | 11 | 38 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 12 | 16 | - | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 302 | 1,210 | 3,791 | 6,929 | 24,201 | 1,693 | 120 | 393 | 1,309 | 4,056 | 11,354 | 958 |
| Death rate attributable to tobacco | - | 64 | 577 | 896 | - | 124 | - | - | - | 328 | - | 23 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 15 | 13 | - | 7 | - | - | - | 8 | - | 2 |
| <u>Death rate: Communicable diseases</u> | 28 | 157 | 329 | 977 | 3,043 | 201 | 31 | 18 | 95 | 424 | 1,568 | 108 |
| Death rate attributable to tobacco | - | 2 | 9 | 37 | - | 3 | - | - | - | 21 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 4 | - | 2 | - | - | - | 5 | - | 1 |
| <u>Death rate: Tuberculosis</u> | 2 | - | - | 25 | - | 2 | - | - | 8 | 15 | - | 2 |
| Death rate attributable to tobacco | - | - | - | 3 | - | 0 | - | - | - | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | - | 12 | - | 7 | - | - | - | 8 | - | 4 |
| <u>Death rate: Lower respiratory infections</u> | 6 | 46 | 64 | 199 | 1,278 | 57 | - | 5 | 44 | 139 | 540 | 33 |
| Death rate attributable to tobacco | - | 2 | 9 | 33 | - | 3 | - | - | - | 19 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 14 | 17 | - | 6 | - | - | - | 14 | - | 4 |
| <u>Death rate: Noncommunicable diseases</u> | 160 | 856 | 3,249 | 5,842 | 21,158 | 1,342 | 76 | 325 | 1,206 | 3,618 | 9,787 | 825 |
| Death rate attributable to tobacco | - | 63 | 568 | 860 | - | 121 | - | - | - | 307 | - | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 17 | 15 | - | 9 | - | - | - | 8 | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 28 | 198 | 806 | 1,307 | 1,884 | 259 | 25 | 171 | 285 | 642 | 169 | 149 |
| Death rate attributable to tobacco | - | 25 | 296 | 458 | - | 61 | - | - | - | 64 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 37 | 35 | - | 24 | - | - | - | 10 | - | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 12 | 103 | 241 | - | 27 | - | 5 | 8 | 76 | - | 8 |
| Death rate attributable to tobacco | - | 5 | 86 | 210 | - | 21 | - | - | - | 46 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 83 | 87 | - | 79 | - | - | - | 61 | - | 40 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 186 | 703 | 1,066 | 1,884 | 232 | 25 | 165 | 277 | 566 | 169 | 141 |
| Death rate attributable to tobacco | - | 20 | 210 | 248 | - | 40 | - | - | - | 18 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 30 | 23 | - | 17 | - | - | - | 3 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 70 | 383 | 1,481 | 2,289 | 13,043 | 645 | 33 | 97 | 643 | 2,001 | 7,541 | 487 |
| Death rate attributable to tobacco | - | 35 | 216 | 216 | - | 44 | - | - | - | 187 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 15 | 9 | - | 7 | - | - | - | 9 | - | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 4 | 125 | 614 | 834 | 3,483 | 205 | - | 9 | 163 | 481 | 1,379 | 96 |
| Death rate attributable to tobacco | - | 10 | 84 | 74 | - | 15 | - | - | - | 40 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 14 | 9 | - | 8 | - | - | - | 8 | - | 3 |
| <u>Death rate: Cerebrovascular disease</u> | - | 23 | 89 | 217 | 580 | 37 | - | 11 | 73 | 174 | 678 | 44 |
| Death rate attributable to tobacco | - | 2 | 12 | 17 | - | 3 | - | - | - | 20 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 13 | 8 | - | 7 | - | - | - | 11 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 66 | 236 | 778 | 1,238 | 8,980 | 403 | 33 | 77 | 407 | 1,346 | 5,485 | 347 |
| Death rate attributable to tobacco | - | 23 | 120 | 125 | - | 26 | - | - | - | 127 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 15 | 10 | - | 6 | - | - | - | 9 | - | 3 |
| <u>Death rate: Respiratory diseases</u> | 2 | 21 | 207 | 539 | 4,492 | 131 | 2 | 5 | 33 | 170 | 805 | 43 |
| Death rate attributable to tobacco | - | 1 | 48 | 164 | - | 14 | - | - | - | 41 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 23 | 30 | - | 10 | - | - | - | 24 | - | 7 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | - | 1 | 39 | 145 | 1,179 | 32 | - | 1 | 7 | 37 | 206 | 10 |
| Death rate attributable to tobacco | - | 0 | 25 | 99 | - | 8 | - | - | - | 22 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 31 | 64 | 68 | - | 24 | - | - | - | 60 | - | 15 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 20 | 167 | 394 | 3,314 | 100 | 2 | 4 | 27 | 133 | 599 | 33 |
| Death rate attributable to tobacco | - | 1 | 23 | 65 | - | 6 | - | - | - | 18 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 14 | 17 | - | 6 | - | - | - | 14 | - | 4 |

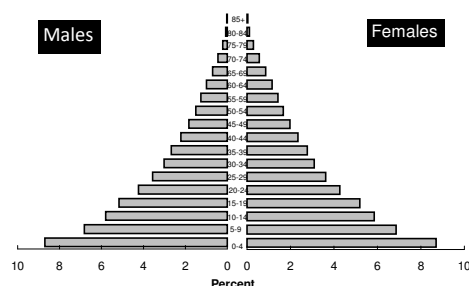
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Sierra Leone

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,848 | 1,859 | 3,707 |
| 30-44 | 426 | 442 | 868 |
| 45-59 | 248 | 273 | 520 |
| 60-69 | 91 | 108 | 199 |
| 70-79 | 36 | 46 | 82 |
| 80+ | 5 | 8 | 13 |
| Total | 2,654 | 2,737 | 5,390 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1428 per 100,000 population) was about 1.3 times that for communicable diseases (1081 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 195 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 11 deaths per 100,000 population but with 52% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (229 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 0% for women.

- Among those who died prematurely, almost one in every 22 deaths among those aged 30-44 and one in 19 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.4% of those whose death was due to a lower respiratory infection, 11.1% of deaths due to the category of 'all cardiovascular diseases combined', and 58.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,655 | 2,465 | 4,411 | 9,087 | 19,118 | 2,732 |
| Death rate attributable to tobacco | 74 | 133 | 150 | 195 | 349 | 109 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 3 | 2 | 2 | 4 |
| Death rate: Communicable diseases | 997 | 994 | 1,224 | 1,834 | 3,173 | 1,081 |
| Death rate attributable to tobacco | 27 | 26 | 23 | 25 | 58 | 26 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 2 | 1 | 2 | 2 |
| Death rate: Tuberculosis | 163 | 166 | 205 | 302 | 405 | 177 |
| Death rate attributable to tobacco | 13 | 9 | 6 | 6 | 11 | 10 |
| Proportion of deaths attributable to tobacco (%) | 8 | 5 | 3 | 2 | 3 | 6 |
| Death rate: Lower respiratory infections | 143 | 306 | 524 | 855 | 1,692 | 286 |
| Death rate attributable to tobacco | 14 | 16 | 17 | 19 | 47 | 15 |
| Proportion of deaths attributable to tobacco (%) | 10 | 5 | 3 | 2 | 3 | 5 |
| Death rate: Noncommunicable diseases | 405 | 1,275 | 3,029 | 7,019 | 15,628 | 1,428 |
| Death rate attributable to tobacco | 48 | 107 | 127 | 171 | 291 | 83 |
| Proportion of deaths attributable to tobacco (%) | 12 | 8 | 4 | 2 | 2 | 6 |
| Death rate: All malignant neoplasms | 62 | 275 | 622 | 1,270 | 2,188 | 270 |
| Death rate attributable to tobacco | 5 | 21 | 32 | 42 | 74 | 16 |
| Proportion of deaths attributable to tobacco (%) | 9 | 8 | 5 | 3 | 3 | 6 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 12 | 28 | 46 | 60 | 11 |
| Death rate attributable to tobacco | 1 | 7 | 15 | 21 | 30 | 5 |
| Proportion of deaths attributable to tobacco (%) | 38 | 58 | 54 | 45 | 50 | 52 |
| Death rate: All other malignant neoplasms | 60 | 263 | 594 | 1,224 | 2,128 | 259 |
| Death rate attributable to tobacco | 5 | 14 | 17 | 22 | 44 | 10 |
| Proportion of deaths attributable to tobacco (%) | 8 | 5 | 3 | 2 | 2 | 4 |
| Death rate: All Cardiovascular diseases | 134 | 515 | 1,339 | 3,451 | 8,624 | 623 |
| Death rate attributable to tobacco | 33 | 57 | 38 | 32 | 14 | 41 |
| Proportion of deaths attributable to tobacco (%) | 24 | 11 | 3 | 1 | 0 | 7 |
| Death rate: Ischaemic heart disease | 27 | 173 | 487 | 1,084 | 2,201 | 195 |
| Death rate attributable to tobacco | 9 | 23 | 16 | 12 | 4 | 14 |
| Proportion of deaths attributable to tobacco (%) | 33 | 13 | 3 | 1 | 0 | 7 |
| Death rate: Cerebrovascular disease | 54 | 193 | 497 | 1,280 | 3,059 | 233 |
| Death rate attributable to tobacco | 9 | 20 | 12 | 9 | 4 | 13 |
| Proportion of deaths attributable to tobacco (%) | 16 | 10 | 2 | 1 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 53 | 149 | 355 | 1,086 | 3,364 | 195 |
| Death rate attributable to tobacco | 15 | 15 | 10 | 10 | 6 | 14 |
| Proportion of deaths attributable to tobacco (%) | 28 | 10 | 3 | 1 | 0 | 7 |
| Death rate: Respiratory diseases | 53 | 144 | 351 | 761 | 1,505 | 162 |
| Death rate attributable to tobacco | 9 | 27 | 55 | 92 | 195 | 25 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 16 | 12 | 13 | 16 |
| Death rate: Chronic obstructive pulmonary disease | 11 | 56 | 172 | 389 | 712 | 68 |
| Death rate attributable to tobacco | 5 | 22 | 49 | 84 | 173 | 21 |
| Proportion of deaths attributable to tobacco (%) | 46 | 39 | 28 | 22 | 24 | 30 |
| Death rate: Other respiratory diseases | 41 | 88 | 179 | 372 | 793 | 94 |
| Death rate attributable to tobacco | 4 | 5 | 6 | 9 | 22 | 5 |
| Proportion of deaths attributable to tobacco (%) | 9 | 6 | 3 | 2 | 3 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|---------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,890 | 2,967 | 5,028 | 10,007 | 21,932 | 3,069 | 1,428 | 2,010 | 3,892 | 8,381 | 17,214 | 2,423 |
| Death rate attributable to tobacco | 151 | 279 | 329 | 450 | 864 | 229 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 9 | 7 | 4 | 4 | 7 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 915 | 1,180 | 1,485 | 2,178 | 3,943 | 1,137 | 1,076 | 826 | 1,005 | 1,571 | 2,652 | 1,030 |
| Death rate attributable to tobacco | 54 | 54 | 51 | 57 | 143 | 54 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 3 | 3 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 245 | 261 | 305 | 463 | 671 | 269 | 84 | 79 | 122 | 179 | 226 | 93 |
| Death rate attributable to tobacco | 26 | 18 | 13 | 14 | 26 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 4 | 3 | 4 | 8 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 191 | 350 | 651 | 1,011 | 2,065 | 341 | 97 | 267 | 417 | 734 | 1,439 | 235 |
| Death rate attributable to tobacco | 28 | 35 | 38 | 43 | 115 | 32 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 6 | 4 | 6 | 9 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 507 | 1,453 | 3,317 | 7,494 | 17,609 | 1,539 | 307 | 1,113 | 2,786 | 6,654 | 14,288 | 1,325 |
| Death rate attributable to tobacco | 97 | 226 | 278 | 393 | 721 | 174 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 19 | 16 | 8 | 5 | 4 | 11 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 63 | 291 | 715 | 1,573 | 3,173 | 295 | 60 | 260 | 543 | 1,037 | 1,522 | 247 |
| Death rate attributable to tobacco | 11 | 45 | 71 | 97 | 184 | 33 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 15 | 10 | 6 | 6 | 11 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 21 | 50 | 79 | 117 | 18 | 1 | 3 | 9 | 21 | 22 | 4 |
| Death rate attributable to tobacco | 1 | 14 | 33 | 48 | 75 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 44 | 67 | 66 | 61 | 64 | 63 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 60 | 270 | 664 | 1,494 | 3,055 | 276 | 60 | 257 | 534 | 1,016 | 1,500 | 243 |
| Death rate attributable to tobacco | 10 | 30 | 38 | 50 | 109 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 16 | 11 | 6 | 3 | 4 | 8 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 160 | 571 | 1,374 | 3,320 | 8,786 | 621 | 109 | 464 | 1,309 | 3,551 | 8,514 | 625 |
| Death rate attributable to tobacco | 66 | 120 | 82 | 74 | 34 | 85 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 41 | 21 | 6 | 2 | 0 | 14 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 39 | 238 | 597 | 1,330 | 2,666 | 238 | 14 | 114 | 395 | 896 | 1,886 | 156 |
| Death rate attributable to tobacco | 18 | 47 | 34 | 28 | 9 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 46 | 20 | 6 | 2 | 0 | 12 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 63 | 203 | 473 | 1,106 | 2,783 | 217 | 46 | 184 | 516 | 1,414 | 3,246 | 248 |
| Death rate attributable to tobacco | 18 | 42 | 27 | 21 | 10 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 29 | 21 | 6 | 2 | 0 | 12 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 58 | 130 | 304 | 884 | 3,338 | 166 | 48 | 166 | 397 | 1,241 | 3,382 | 221 |
| Death rate attributable to tobacco | 30 | 31 | 22 | 24 | 15 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 52 | 24 | 7 | 3 | 0 | 18 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 67 | 196 | 485 | 1,047 | 2,070 | 210 | 39 | 97 | 239 | 541 | 1,122 | 118 |
| Death rate attributable to tobacco | 18 | 57 | 119 | 212 | 484 | 53 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 27 | 29 | 25 | 20 | 23 | 25 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 16 | 84 | 264 | 587 | 1,094 | 98 | 6 | 31 | 95 | 237 | 453 | 41 |
| Death rate attributable to tobacco | 11 | 46 | 107 | 193 | 429 | 43 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 65 | 54 | 40 | 33 | 39 | 44 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 50 | 112 | 220 | 460 | 976 | 113 | 33 | 67 | 143 | 304 | 669 | 77 |
| Death rate attributable to tobacco | 7 | 11 | 13 | 20 | 55 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 6 | 4 | 6 | 9 | - | - | - | - | - | - |

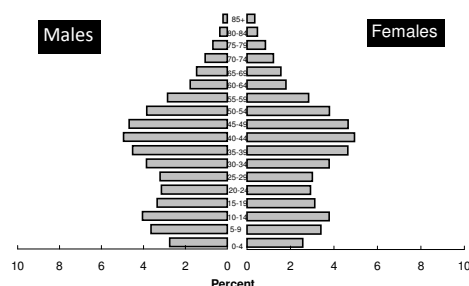
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Singapore

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 860 | 803 | 1,663 |
| 30-44 | 569 | 571 | 1,140 |
| 45-59 | 486 | 482 | 968 |
| 60-69 | 138 | 143 | 281 |
| 70-79 | 74 | 88 | 162 |
| 80+ | 24 | 36 | 60 |
| Total | 2,151 | 2,123 | 4,274 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (577 per 100,000 population) was about 4.7 times that for communicable diseases (123 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 27% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 151 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 44 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 30% of all lower respiratory infection deaths and 18% of all tuberculosis deaths.

- The death rate due to tobacco in men was (197 per 100,000 men aged 30 years and over) compared with women (119 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 18% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.1% of those whose death was due to a lower respiratory infection, 26.1% of deaths due to the category of 'all cardiovascular diseases combined', and 66.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 90 | 328 | 1,271 | 3,240 | 10,274 | 735 |
| Death rate attributable to tobacco | 8 | 58 | 278 | 771 | 2,363 | 157 |
| Proportion of deaths attributable to tobacco (%) | 9 | 18 | 22 | 24 | 23 | 21 |
| Death rate: Communicable diseases | 7 | 27 | 143 | 512 | 2,733 | 123 |
| Death rate attributable to tobacco | 0 | 2 | 23 | 124 | 967 | 33 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 16 | 24 | 35 | 27 |
| Death rate: Tuberculosis | 0 | 1 | 5 | 20 | 59 | 4 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 4 | 14 | 1 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 15 | 18 | 23 | 18 |
| Death rate: Lower respiratory infections | 3 | 19 | 121 | 462 | 2,582 | 109 |
| Death rate attributable to tobacco | 0 | 2 | 22 | 120 | 953 | 33 |
| Proportion of deaths attributable to tobacco (%) | 8 | 12 | 18 | 26 | 37 | 30 |
| Death rate: Noncommunicable diseases | 56 | 272 | 1,087 | 2,657 | 7,365 | 577 |
| Death rate attributable to tobacco | 8 | 56 | 255 | 647 | 1,396 | 124 |
| Proportion of deaths attributable to tobacco (%) | 14 | 21 | 23 | 24 | 19 | 21 |
| Death rate: All malignant neoplasms | 24 | 124 | 426 | 908 | 1,557 | 195 |
| Death rate attributable to tobacco | 2 | 25 | 136 | 326 | 585 | 59 |
| Proportion of deaths attributable to tobacco (%) | 10 | 20 | 32 | 36 | 38 | 30 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 21 | 103 | 250 | 387 | 44 |
| Death rate attributable to tobacco | 1 | 14 | 86 | 220 | 346 | 36 |
| Proportion of deaths attributable to tobacco (%) | 27 | 67 | 84 | 88 | 89 | 82 |
| Death rate: All other malignant neoplasms | 22 | 103 | 323 | 657 | 1,170 | 150 |
| Death rate attributable to tobacco | 2 | 11 | 49 | 106 | 239 | 22 |
| Proportion of deaths attributable to tobacco (%) | 8 | 11 | 15 | 16 | 20 | 15 |
| Death rate: All Cardiovascular diseases | 19 | 100 | 482 | 1,263 | 4,203 | 273 |
| Death rate attributable to tobacco | 5 | 26 | 92 | 210 | 371 | 43 |
| Proportion of deaths attributable to tobacco (%) | 26 | 26 | 19 | 17 | 9 | 16 |
| Death rate: Ischaemic heart disease | 9 | 59 | 297 | 697 | 2,167 | 151 |
| Death rate attributable to tobacco | 2 | 15 | 56 | 108 | 263 | 25 |
| Proportion of deaths attributable to tobacco (%) | 27 | 25 | 19 | 16 | 12 | 17 |
| Death rate: Cerebrovascular disease | 3 | 19 | 106 | 359 | 1,400 | 75 |
| Death rate attributable to tobacco | 1 | 5 | 20 | 64 | 13 | 9 |
| Proportion of deaths attributable to tobacco (%) | 18 | 26 | 19 | 18 | 1 | 12 |
| Death rate: Other cardiovascular diseases | 7 | 22 | 79 | 208 | 636 | 47 |
| Death rate attributable to tobacco | 2 | 6 | 16 | 38 | 95 | 9 |
| Proportion of deaths attributable to tobacco (%) | 28 | 28 | 20 | 18 | 15 | 20 |
| Death rate: Respiratory diseases | 2 | 10 | 42 | 152 | 565 | 31 |
| Death rate attributable to tobacco | 0 | 4 | 24 | 100 | 407 | 20 |
| Proportion of deaths attributable to tobacco (%) | 23 | 40 | 57 | 66 | 72 | 63 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 5 | 31 | 116 | 427 | 23 |
| Death rate attributable to tobacco | 0 | 3 | 22 | 91 | 357 | 18 |
| Proportion of deaths attributable to tobacco (%) | 47 | 60 | 71 | 78 | 84 | 78 |
| Death rate: Other respiratory diseases | 1 | 4 | 12 | 36 | 138 | 9 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 50 | 2 |
| Proportion of deaths attributable to tobacco (%) | 8 | 13 | 19 | 26 | 36 | 26 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 121 | 416 | 1,630 | 3,969 | 11,381 | 823 | 59 | 239 | 926 | 2,626 | 9,541 | 649 |
| Death rate attributable to tobacco | 13 | 93 | 461 | 1,062 | 2,462 | 197 | 3 | 23 | 102 | 526 | 2,298 | 119 |
| Proportion of deaths attributable to tobacco (%) | 11 | 22 | 28 | 27 | 22 | 24 | 5 | 10 | 11 | 20 | 24 | 18 |
| <u>Death rate: Communicable diseases</u> | 11 | 33 | 190 | 641 | 3,031 | 131 | 4 | 20 | 98 | 403 | 2,536 | 116 |
| Death rate attributable to tobacco | 0 | 3 | 37 | 149 | 847 | 30 | 0 | 1 | 9 | 103 | 1,047 | 37 |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 19 | 23 | 28 | 23 | 4 | 7 | 9 | 26 | 41 | 32 |
| <i>Death rate: Tuberculosis</i> | 0 | 2 | 10 | 39 | 118 | 6 | 0 | 1 | 1 | 4 | 21 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 7 | 26 | 1 | 0 | 0 | 0 | 1 | 6 | 0 |
| Proportion of deaths attributable to tobacco (%) | 5 | 10 | 16 | 19 | 22 | 18 | 4 | 5 | 6 | 16 | 28 | 15 |
| <i>Death rate: Lower respiratory infections</i> | 3 | 22 | 159 | 566 | 2,844 | 112 | 2 | 15 | 84 | 373 | 2,409 | 106 |
| Death rate attributable to tobacco | 0 | 3 | 35 | 141 | 821 | 28 | 0 | 1 | 9 | 102 | 1,041 | 37 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 22 | 25 | 29 | 25 | 8 | 9 | 11 | 27 | 43 | 35 |
| <u>Death rate: Noncommunicable diseases</u> | 70 | 341 | 1,383 | 3,238 | 8,105 | 643 | 42 | 203 | 802 | 2,168 | 6,875 | 512 |
| Death rate attributable to tobacco | 13 | 90 | 424 | 913 | 1,615 | 167 | 3 | 22 | 93 | 423 | 1,251 | 82 |
| Proportion of deaths attributable to tobacco (%) | 19 | 26 | 31 | 28 | 20 | 26 | 6 | 11 | 12 | 20 | 18 | 16 |
| <i>Death rate: All malignant neoplasms</i> | 24 | 131 | 554 | 1,217 | 2,016 | 226 | 25 | 117 | 303 | 648 | 1,252 | 164 |
| Death rate attributable to tobacco | 4 | 42 | 243 | 539 | 873 | 90 | 1 | 9 | 32 | 148 | 393 | 28 |
| Proportion of deaths attributable to tobacco (%) | 15 | 32 | 44 | 44 | 43 | 40 | 5 | 7 | 11 | 23 | 31 | 17 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 29 | 169 | 383 | 557 | 62 | 2 | 13 | 40 | 139 | 275 | 27 |
| Death rate attributable to tobacco | 1 | 21 | 151 | 352 | 515 | 54 | 1 | 6 | 23 | 109 | 234 | 19 |
| Proportion of deaths attributable to tobacco (%) | 28 | 75 | 90 | 92 | 92 | 87 | 27 | 48 | 58 | 78 | 85 | 70 |
| <i>Death rate: All other malignant neoplasms</i> | 21 | 102 | 386 | 833 | 1,459 | 164 | 23 | 104 | 263 | 509 | 978 | 137 |
| Death rate attributable to tobacco | 3 | 21 | 92 | 186 | 359 | 36 | 1 | 2 | 9 | 39 | 159 | 9 |
| Proportion of deaths attributable to tobacco (%) | 14 | 20 | 24 | 22 | 25 | 22 | 3 | 2 | 3 | 8 | 16 | 7 |
| <i>Death rate: All Cardiovascular diseases</i> | 31 | 146 | 612 | 1,453 | 4,325 | 297 | 8 | 54 | 357 | 1,104 | 4,122 | 249 |
| Death rate attributable to tobacco | 9 | 41 | 135 | 202 | 104 | 47 | 1 | 11 | 51 | 217 | 548 | 40 |
| Proportion of deaths attributable to tobacco (%) | 29 | 28 | 22 | 14 | 2 | 16 | 14 | 21 | 14 | 20 | 13 | 16 |
| <i>Death rate: Ischaemic heart disease</i> | 15 | 92 | 404 | 850 | 2,327 | 176 | 2 | 25 | 193 | 568 | 2,062 | 125 |
| Death rate attributable to tobacco | 4 | 25 | 88 | 118 | 54 | 29 | 0 | 5 | 26 | 99 | 401 | 22 |
| Proportion of deaths attributable to tobacco (%) | 29 | 27 | 22 | 14 | 2 | 16 | 9 | 19 | 13 | 18 | 19 | 18 |
| <i>Death rate: Cerebrovascular disease</i> | 4 | 24 | 121 | 383 | 1,384 | 72 | 3 | 15 | 92 | 338 | 1,411 | 78 |
| Death rate attributable to tobacco | 1 | 7 | 26 | 48 | 32 | 9 | 1 | 3 | 14 | 78 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 16 | 28 | 21 | 13 | 2 | 13 | 21 | 23 | 16 | 23 | - | 11 |
| <i>Death rate: Other cardiovascular diseases</i> | 11 | 29 | 87 | 220 | 615 | 49 | 4 | 15 | 72 | 198 | 650 | 46 |
| Death rate attributable to tobacco | 4 | 9 | 21 | 35 | 17 | 10 | 0 | 3 | 11 | 39 | 147 | 9 |
| Proportion of deaths attributable to tobacco (%) | 34 | 31 | 25 | 16 | 3 | 20 | 11 | 22 | 15 | 20 | 23 | 20 |
| <u>Death rate: Respiratory diseases</u> | 2 | 14 | 67 | 232 | 862 | 42 | 1 | 6 | 19 | 84 | 367 | 20 |
| Death rate attributable to tobacco | 1 | 6 | 41 | 162 | 617 | 28 | 0 | 2 | 7 | 48 | 269 | 12 |
| Proportion of deaths attributable to tobacco (%) | 30 | 43 | 62 | 70 | 72 | 65 | 14 | 31 | 38 | 57 | 73 | 59 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 8 | 50 | 195 | 698 | 33 | 0 | 3 | 12 | 50 | 247 | 13 |
| Death rate attributable to tobacco | 0 | 5 | 38 | 153 | 569 | 25 | 0 | 1 | 6 | 39 | 217 | 10 |
| Proportion of deaths attributable to tobacco (%) | 47 | 64 | 76 | 78 | 82 | 77 | 46 | 48 | 53 | 78 | 88 | 78 |
| <i>Death rate: Other respiratory diseases</i> | 1 | 6 | 17 | 37 | 164 | 10 | 1 | 2 | 7 | 34 | 120 | 8 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 9 | 47 | 2 | 0 | 0 | 1 | 9 | 52 | 2 |
| Proportion of deaths attributable to tobacco (%) | 8 | 14 | 22 | 25 | 29 | 23 | 8 | 9 | 11 | 27 | 43 | 29 |

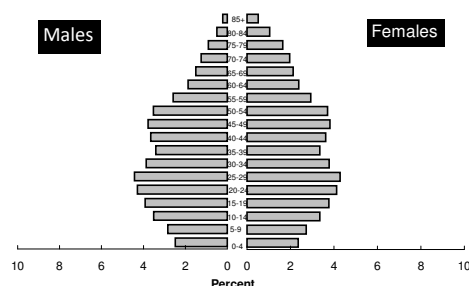
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Slovakia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,156 | 1,110 | 2,266 |
| 30-44 | 589 | 579 | 1,168 |
| 45-59 | 533 | 563 | 1,096 |
| 60-69 | 182 | 242 | 424 |
| 70-79 | 116 | 194 | 310 |
| 80+ | 39 | 84 | 122 |
| Total | 2,614 | 2,772 | 5,387 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1481 per 100,000 population) was about 23.1 times that for communicable diseases (64 per 100,000). Tobacco was responsible for 17% of all NCDs compared with 18% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 510 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 67 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 20% of all lower respiratory infection deaths and 21% of all tuberculosis deaths.

- The death rate due to tobacco in men was (469 per 100,000 men aged 30 years and over) compared with women (92 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 26% for men and 6% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 32.8% of those whose death was due to a lower respiratory infection, 52.3% of deaths due to the category of 'all cardiovascular diseases combined', and 86% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 174 | 742 | 2,071 | 4,975 | 13,323 | 1,624 |
| Death rate attributable to tobacco | 34 | 236 | 520 | 754 | 690 | 268 |
| Proportion of deaths attributable to tobacco (%) | 20 | 32 | 25 | 15 | 5 | 17 |
| Death rate: Communicable diseases | 6 | 22 | 57 | 182 | 712 | 64 |
| Death rate attributable to tobacco | 2 | 6 | 13 | 34 | 92 | 11 |
| Proportion of deaths attributable to tobacco (%) | 25 | 27 | 22 | 19 | 13 | 18 |
| Death rate: Tuberculosis | 0 | 2 | 2 | 2 | 9 | 2 |
| Death rate attributable to tobacco | 0 | 1 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 21 | 27 | 20 | 20 | 10 | 21 |
| Death rate: Lower respiratory infections | 5 | 17 | 47 | 161 | 651 | 56 |
| Death rate attributable to tobacco | 2 | 6 | 12 | 34 | 90 | 11 |
| Proportion of deaths attributable to tobacco (%) | 30 | 33 | 26 | 21 | 14 | 20 |
| Death rate: Noncommunicable diseases | 114 | 630 | 1,935 | 4,697 | 12,427 | 1,481 |
| Death rate attributable to tobacco | 33 | 230 | 507 | 720 | 598 | 257 |
| Proportion of deaths attributable to tobacco (%) | 29 | 36 | 26 | 15 | 5 | 17 |
| Death rate: All malignant neoplasms | 39 | 255 | 697 | 1,167 | 1,510 | 374 |
| Death rate attributable to tobacco | 9 | 96 | 220 | 287 | 192 | 103 |
| Proportion of deaths attributable to tobacco (%) | 23 | 38 | 31 | 25 | 13 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 50 | 148 | 222 | 152 | 67 |
| Death rate attributable to tobacco | 3 | 43 | 131 | 192 | 111 | 57 |
| Proportion of deaths attributable to tobacco (%) | 63 | 86 | 89 | 86 | 73 | 85 |
| Death rate: All other malignant neoplasms | 35 | 206 | 549 | 945 | 1,358 | 307 |
| Death rate attributable to tobacco | 6 | 53 | 89 | 95 | 80 | 46 |
| Proportion of deaths attributable to tobacco (%) | 17 | 26 | 16 | 10 | 6 | 15 |
| Death rate: All Cardiovascular diseases | 35 | 238 | 940 | 2,979 | 9,877 | 908 |
| Death rate attributable to tobacco | 22 | 124 | 252 | 356 | 263 | 132 |
| Proportion of deaths attributable to tobacco (%) | 63 | 52 | 27 | 12 | 3 | 15 |
| Death rate: Ischaemic heart disease | 13 | 126 | 513 | 1,642 | 5,817 | 510 |
| Death rate attributable to tobacco | 8 | 65 | 135 | 190 | 168 | 70 |
| Proportion of deaths attributable to tobacco (%) | 65 | 51 | 26 | 12 | 3 | 14 |
| Death rate: Cerebrovascular disease | 5 | 30 | 147 | 569 | 1,631 | 153 |
| Death rate attributable to tobacco | 3 | 15 | 37 | 66 | 7 | 18 |
| Proportion of deaths attributable to tobacco (%) | 50 | 50 | 25 | 12 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 17 | 82 | 280 | 767 | 2,429 | 245 |
| Death rate attributable to tobacco | 11 | 44 | 80 | 99 | 89 | 44 |
| Proportion of deaths attributable to tobacco (%) | 65 | 54 | 29 | 13 | 4 | 18 |
| Death rate: Respiratory diseases | 3 | 14 | 55 | 123 | 281 | 37 |
| Death rate attributable to tobacco | 2 | 8 | 32 | 69 | 134 | 20 |
| Proportion of deaths attributable to tobacco (%) | 46 | 55 | 58 | 56 | 48 | 54 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 7 | 34 | 79 | 195 | 23 |
| Death rate attributable to tobacco | 1 | 6 | 27 | 60 | 123 | 17 |
| Proportion of deaths attributable to tobacco (%) | 80 | 81 | 78 | 76 | 63 | 73 |
| Death rate: Other respiratory diseases | 2 | 7 | 20 | 45 | 87 | 14 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 9 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 28 | 29 | 25 | 21 | 14 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 258 | 1,108 | 3,114 | 6,717 | 15,448 | 1,840 | 88 | 395 | 1,288 | 3,937 | 12,346 | 1,434 |
| Death rate attributable to tobacco | 59 | 431 | 1,066 | 1,607 | 1,040 | 469 | 9 | 51 | 110 | 246 | 529 | 92 |
| Proportion of deaths attributable to tobacco (%) | 23 | 39 | 34 | 24 | 7 | 26 | 11 | 13 | 9 | 6 | 4 | 6 |
| <u>Death rate: Communicable diseases</u> | 9 | 35 | 89 | 266 | 977 | 75 | 4 | 10 | 33 | 133 | 591 | 55 |
| Death rate attributable to tobacco | 3 | 11 | 26 | 71 | 161 | 18 | 1 | 1 | 3 | 12 | 60 | 5 |
| Proportion of deaths attributable to tobacco (%) | 29 | 32 | 30 | 27 | 16 | 25 | 17 | 9 | 8 | 9 | 10 | 10 |
| <u>Death rate: Tuberculosis</u> | 0 | 4 | 4 | 4 | 18 | 3 | 0 | 0 | 1 | 1 | 6 | 1 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 25 | 29 | 27 | 23 | 13 | 25 | 13 | 8 | 5 | 5 | 6 | 7 |
| <u>Death rate: Lower respiratory infections</u> | 7 | 28 | 74 | 232 | 891 | 64 | 3 | 6 | 27 | 118 | 541 | 48 |
| Death rate attributable to tobacco | 2 | 10 | 25 | 70 | 157 | 18 | 1 | 1 | 2 | 12 | 60 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 37 | 34 | 30 | 18 | 27 | 22 | 14 | 9 | 10 | 11 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 159 | 919 | 2,876 | 6,284 | 14,176 | 1,633 | 69 | 356 | 1,227 | 3,751 | 11,623 | 1,348 |
| Death rate attributable to tobacco | 57 | 419 | 1,039 | 1,535 | 880 | 451 | 9 | 50 | 108 | 234 | 469 | 87 |
| Proportion of deaths attributable to tobacco (%) | 36 | 46 | 36 | 24 | 6 | 28 | 13 | 14 | 9 | 6 | 4 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 44 | 348 | 1,039 | 1,755 | 2,256 | 474 | 34 | 167 | 441 | 816 | 1,168 | 287 |
| Death rate attributable to tobacco | 14 | 181 | 476 | 686 | 465 | 198 | 3 | 15 | 27 | 49 | 66 | 19 |
| Proportion of deaths attributable to tobacco (%) | 33 | 52 | 46 | 39 | 21 | 42 | 9 | 9 | 6 | 6 | 6 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 84 | 297 | 492 | 313 | 117 | 3 | 17 | 36 | 62 | 78 | 23 |
| Death rate attributable to tobacco | 4 | 77 | 280 | 461 | 271 | 108 | 2 | 10 | 19 | 32 | 38 | 12 |
| Proportion of deaths attributable to tobacco (%) | 69 | 92 | 94 | 94 | 87 | 92 | 53 | 60 | 54 | 52 | 49 | 54 |
| <u>Death rate: All other malignant neoplasms</u> | 38 | 264 | 742 | 1,263 | 1,942 | 356 | 31 | 151 | 405 | 755 | 1,089 | 264 |
| Death rate attributable to tobacco | 11 | 104 | 196 | 225 | 194 | 90 | 1 | 5 | 8 | 17 | 28 | 7 |
| Proportion of deaths attributable to tobacco (%) | 28 | 40 | 26 | 18 | 10 | 25 | 4 | 3 | 2 | 2 | 3 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 56 | 375 | 1,396 | 3,780 | 10,585 | 914 | 14 | 108 | 598 | 2,501 | 9,552 | 902 |
| Death rate attributable to tobacco | 39 | 221 | 489 | 677 | 139 | 215 | 5 | 32 | 73 | 165 | 321 | 59 |
| Proportion of deaths attributable to tobacco (%) | 71 | 59 | 35 | 18 | 1 | 24 | 32 | 30 | 12 | 7 | 3 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 23 | 207 | 793 | 2,166 | 6,454 | 527 | 3 | 49 | 303 | 1,330 | 5,524 | 496 |
| Death rate attributable to tobacco | 16 | 119 | 268 | 379 | 80 | 116 | 1 | 13 | 34 | 78 | 209 | 29 |
| Proportion of deaths attributable to tobacco (%) | 71 | 57 | 34 | 17 | 1 | 22 | 23 | 27 | 11 | 6 | 4 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 6 | 43 | 203 | 713 | 1,738 | 146 | 4 | 18 | 104 | 483 | 1,583 | 159 |
| Death rate attributable to tobacco | 3 | 25 | 68 | 112 | 22 | 28 | 2 | 6 | 14 | 39 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 53 | 58 | 34 | 16 | 1 | 19 | 46 | 33 | 13 | 8 | - | 6 |
| <u>Death rate: Other cardiovascular diseases</u> | 27 | 125 | 399 | 901 | 2,394 | 241 | 7 | 40 | 190 | 688 | 2,445 | 247 |
| Death rate attributable to tobacco | 20 | 78 | 153 | 185 | 37 | 71 | 2 | 13 | 25 | 48 | 112 | 20 |
| Proportion of deaths attributable to tobacco (%) | 75 | 62 | 38 | 21 | 2 | 30 | 27 | 32 | 13 | 7 | 5 | 8 |
| <u>Death rate: Respiratory diseases</u> | 4 | 21 | 94 | 232 | 455 | 51 | 3 | 8 | 25 | 59 | 202 | 24 |
| Death rate attributable to tobacco | 2 | 13 | 65 | 157 | 263 | 33 | 1 | 3 | 7 | 17 | 75 | 8 |
| Proportion of deaths attributable to tobacco (%) | 51 | 65 | 69 | 68 | 58 | 65 | 39 | 32 | 27 | 28 | 37 | 33 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 12 | 65 | 167 | 350 | 35 | 1 | 3 | 11 | 26 | 124 | 12 |
| Death rate attributable to tobacco | 1 | 10 | 55 | 138 | 245 | 29 | 1 | 2 | 6 | 13 | 66 | 7 |
| Proportion of deaths attributable to tobacco (%) | 84 | 87 | 85 | 83 | 70 | 80 | 72 | 60 | 49 | 51 | 54 | 53 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 9 | 29 | 65 | 105 | 16 | 2 | 5 | 14 | 32 | 78 | 12 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 20 | 19 | 5 | 0 | 1 | 1 | 3 | 9 | 1 |
| Proportion of deaths attributable to tobacco (%) | 33 | 37 | 34 | 30 | 18 | 31 | 22 | 14 | 9 | 10 | 11 | 11 |

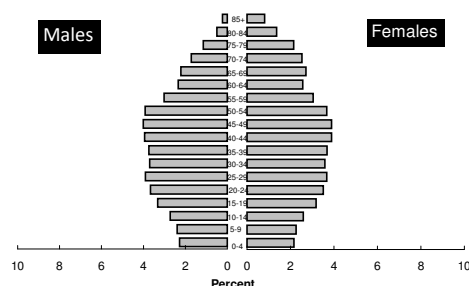
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Slovenia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|--------------|--------------|
| 0-29 | 365 | 347 | 712 |
| 30-44 | 227 | 223 | 450 |
| 45-59 | 219 | 212 | 430 |
| 60-69 | 91 | 105 | 196 |
| 70-79 | 57 | 93 | 150 |
| 80+ | 15 | 43 | 58 |
| Total | 974 | 1,023 | 1,997 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1272 per 100,000 population) was about 16.3 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 23% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 212 deaths per 100,000 population aged 30 years and over, with 20% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 88 deaths per 100,000 population but with 88% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 26% of all lower respiratory infection deaths and 25% of all tuberculosis deaths.

- The death rate due to tobacco in men was (431 per 100,000 men aged 30 years and over) compared with women (142 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 27% for men and 11% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 39.7% of those whose death was due to a lower respiratory infection, 59.8% of deaths due to the category of 'all cardiovascular diseases combined', and 89% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 145 | 583 | 1,588 | 3,896 | 11,288 | 1,453 |
| Death rate attributable to tobacco | 21 | 182 | 391 | 803 | 1,258 | 279 |
| Proportion of deaths attributable to tobacco (%) | 15 | 31 | 25 | 21 | 11 | 19 |
| Death rate: Communicable diseases | 4 | 11 | 45 | 180 | 994 | 78 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 43 | 222 | 18 |
| Proportion of deaths attributable to tobacco (%) | 22 | 28 | 22 | 24 | 22 | 23 |
| Death rate: Tuberculosis | - | 1 | 3 | - | 2 | 1 |
| Death rate attributable to tobacco | - | 0 | 1 | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 33 | 19 | | 12 | 25 |
| Death rate: Lower respiratory infections | 3 | 7 | 33 | 154 | 927 | 68 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 43 | 221 | 18 |
| Proportion of deaths attributable to tobacco (%) | 34 | 40 | 28 | 28 | 24 | 26 |
| Death rate: Noncommunicable diseases | 88 | 484 | 1,440 | 3,546 | 9,860 | 1,272 |
| Death rate attributable to tobacco | 20 | 179 | 381 | 761 | 1,036 | 261 |
| Proportion of deaths attributable to tobacco (%) | 23 | 37 | 26 | 21 | 11 | 21 |
| Death rate: All malignant neoplasms | 35 | 229 | 661 | 1,246 | 1,893 | 421 |
| Death rate attributable to tobacco | 7 | 90 | 208 | 347 | 331 | 120 |
| Proportion of deaths attributable to tobacco (%) | 21 | 39 | 31 | 28 | 17 | 29 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 63 | 150 | 272 | 236 | 88 |
| Death rate attributable to tobacco | 3 | 56 | 133 | 241 | 195 | 77 |
| Proportion of deaths attributable to tobacco (%) | 66 | 89 | 89 | 89 | 83 | 88 |
| Death rate: All other malignant neoplasms | 30 | 166 | 511 | 974 | 1,657 | 333 |
| Death rate attributable to tobacco | 4 | 34 | 75 | 105 | 136 | 43 |
| Proportion of deaths attributable to tobacco (%) | 14 | 20 | 15 | 11 | 8 | 13 |
| Death rate: All Cardiovascular diseases | 22 | 137 | 476 | 1,569 | 6,126 | 586 |
| Death rate attributable to tobacco | 13 | 82 | 139 | 268 | 335 | 100 |
| Proportion of deaths attributable to tobacco (%) | 58 | 60 | 29 | 17 | 5 | 17 |
| Death rate: Ischaemic heart disease | 7 | 73 | 213 | 607 | 1,813 | 212 |
| Death rate attributable to tobacco | 4 | 43 | 60 | 98 | 109 | 41 |
| Proportion of deaths attributable to tobacco (%) | 69 | 59 | 28 | 16 | 6 | 20 |
| Death rate: Cerebrovascular disease | 6 | 33 | 117 | 476 | 1,544 | 156 |
| Death rate attributable to tobacco | 3 | 19 | 32 | 80 | 12 | 22 |
| Proportion of deaths attributable to tobacco (%) | 40 | 58 | 27 | 17 | 1 | 14 |
| Death rate: Other cardiovascular diseases | 9 | 32 | 146 | 486 | 2,768 | 218 |
| Death rate attributable to tobacco | 6 | 20 | 47 | 90 | 215 | 36 |
| Proportion of deaths attributable to tobacco (%) | 62 | 63 | 32 | 19 | 8 | 17 |
| Death rate: Respiratory diseases | 1 | 9 | 41 | 174 | 485 | 52 |
| Death rate attributable to tobacco | 0 | 6 | 26 | 124 | 319 | 35 |
| Proportion of deaths attributable to tobacco (%) | 41 | 64 | 63 | 71 | 66 | 67 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 29 | 141 | 379 | 40 |
| Death rate attributable to tobacco | 0 | 4 | 23 | 114 | 293 | 32 |
| Proportion of deaths attributable to tobacco (%) | 89 | 85 | 78 | 81 | 78 | 79 |
| Death rate: Other respiratory diseases | 1 | 4 | 12 | 33 | 106 | 12 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 9 | 26 | 3 |
| Proportion of deaths attributable to tobacco (%) | 19 | 37 | 28 | 28 | 25 | 27 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 204 | 820 | 2,321 | 5,515 | 15,273 | 1,601 | 84 | 339 | 955 | 2,906 | 9,945 | 1,320 |
| Death rate attributable to tobacco | 42 | 306 | 709 | 1,539 | 2,306 | 431 | - | 54 | 117 | 354 | 905 | 142 |
| Proportion of deaths attributable to tobacco (%) | 21 | 37 | 31 | 28 | 15 | 27 | - | 16 | 12 | 12 | 9 | 11 |
| <u>Death rate: Communicable diseases</u> | 7 | 18 | 74 | 281 | 1,347 | 79 | 2 | 4 | 21 | 117 | 875 | 77 |
| Death rate attributable to tobacco | 2 | 6 | 18 | 82 | 369 | 22 | - | 0 | 2 | 19 | 173 | 14 |
| Proportion of deaths attributable to tobacco (%) | 27 | 33 | 25 | 29 | 27 | 28 | - | 8 | 12 | 16 | 20 | 18 |
| <u>Death rate: Tuberculosis</u> | - | 3 | 5 | - | - | 2 | - | - | 2 | - | 2 | 0 |
| Death rate attributable to tobacco | - | 1 | 1 | - | - | 0 | - | - | 0 | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 33 | 24 | | | 29 | | | 9 | | 12 | 10 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 12 | 54 | 249 | 1,243 | 67 | 1 | 1 | 15 | 96 | 820 | 69 |
| Death rate attributable to tobacco | 2 | 5 | 17 | 82 | 367 | 22 | - | 0 | 2 | 19 | 172 | 14 |
| Proportion of deaths attributable to tobacco (%) | 43 | 42 | 32 | 33 | 30 | 32 | - | 24 | 15 | 20 | 21 | 20 |
| <u>Death rate: Noncommunicable diseases</u> | 108 | 661 | 2,086 | 4,933 | 13,421 | 1,374 | 66 | 301 | 882 | 2,698 | 8,660 | 1,180 |
| Death rate attributable to tobacco | 41 | 300 | 690 | 1,457 | 1,937 | 409 | - | 54 | 114 | 335 | 732 | 128 |
| Proportion of deaths attributable to tobacco (%) | 37 | 45 | 33 | 30 | 14 | 30 | - | 18 | 13 | 12 | 8 | 11 |
| <u>Death rate: All malignant neoplasms</u> | 38 | 281 | 918 | 1,843 | 3,320 | 504 | 32 | 176 | 439 | 880 | 1,412 | 346 |
| Death rate attributable to tobacco | 15 | 152 | 394 | 750 | 893 | 211 | - | 26 | 48 | 101 | 141 | 39 |
| Proportion of deaths attributable to tobacco (%) | 39 | 54 | 43 | 41 | 27 | 42 | - | 15 | 11 | 11 | 10 | 11 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 99 | 263 | 553 | 573 | 143 | 1 | 26 | 52 | 100 | 122 | 38 |
| Death rate attributable to tobacco | 6 | 92 | 246 | 522 | 531 | 134 | - | 19 | 35 | 70 | 82 | 26 |
| Proportion of deaths attributable to tobacco (%) | 78 | 93 | 93 | 94 | 93 | 93 | - | 74 | 68 | 70 | 67 | 69 |
| <u>Death rate: All other malignant neoplasms</u> | 30 | 181 | 655 | 1,290 | 2,747 | 361 | 31 | 150 | 387 | 780 | 1,290 | 308 |
| Death rate attributable to tobacco | 9 | 60 | 148 | 228 | 363 | 77 | - | 7 | 13 | 30 | 60 | 12 |
| Proportion of deaths attributable to tobacco (%) | 29 | 33 | 23 | 18 | 13 | 21 | - | 5 | 3 | 4 | 5 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 32 | 217 | 726 | 2,031 | 7,499 | 569 | 11 | 55 | 260 | 1,286 | 5,663 | 601 |
| Death rate attributable to tobacco | 25 | 137 | 237 | 405 | 202 | 137 | - | 25 | 55 | 184 | 380 | 66 |
| Proportion of deaths attributable to tobacco (%) | 77 | 63 | 33 | 20 | 3 | 24 | - | 46 | 21 | 14 | 7 | 11 |
| <u>Death rate: Ischaemic heart disease</u> | 11 | 123 | 347 | 893 | 2,376 | 241 | 2 | 20 | 97 | 433 | 1,624 | 186 |
| Death rate attributable to tobacco | 9 | 76 | 108 | 173 | 57 | 64 | - | 8 | 18 | 52 | 126 | 21 |
| Proportion of deaths attributable to tobacco (%) | 79 | 62 | 31 | 19 | 2 | 27 | - | 42 | 19 | 12 | 8 | 11 |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 44 | 160 | 582 | 1,922 | 143 | 5 | 21 | 79 | 411 | 1,417 | 168 |
| Death rate attributable to tobacco | 5 | 27 | 49 | 102 | 46 | 30 | - | 10 | 17 | 67 | - | 15 |
| Proportion of deaths attributable to tobacco (%) | 64 | 63 | 31 | 17 | 2 | 21 | - | 48 | 22 | 16 | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 13 | 50 | 220 | 556 | 3,202 | 184 | 5 | 13 | 83 | 443 | 2,622 | 248 |
| Death rate attributable to tobacco | 11 | 33 | 80 | 131 | 99 | 43 | - | 6 | 19 | 65 | 254 | 30 |
| Proportion of deaths attributable to tobacco (%) | 83 | 67 | 36 | 24 | 3 | 23 | - | 48 | 23 | 15 | 10 | 12 |
| <u>Death rate: Respiratory diseases</u> | 1 | 13 | 65 | 346 | 1,044 | 72 | 1 | 5 | 20 | 70 | 296 | 33 |
| Death rate attributable to tobacco | 1 | 9 | 44 | 263 | 763 | 53 | - | 3 | 10 | 39 | 170 | 19 |
| Proportion of deaths attributable to tobacco (%) | 66 | 69 | 68 | 76 | 73 | 73 | - | 52 | 50 | 55 | 57 | 56 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 7 | 46 | 291 | 867 | 58 | - | 3 | 15 | 50 | 214 | 24 |
| Death rate attributable to tobacco | 0 | 7 | 38 | 245 | 711 | 48 | - | 2 | 9 | 35 | 153 | 17 |
| Proportion of deaths attributable to tobacco (%) | 89 | 89 | 83 | 84 | 82 | 84 | | 74 | 63 | 70 | 71 | 70 |
| <u>Death rate: Other respiratory diseases</u> | 0 | 5 | 19 | 55 | 177 | 14 | 1 | 2 | 6 | 20 | 82 | 10 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 18 | 52 | 5 | - | 1 | 1 | 4 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 43 | 42 | 32 | 33 | 30 | 33 | - | 24 | 15 | 20 | 21 | 20 |

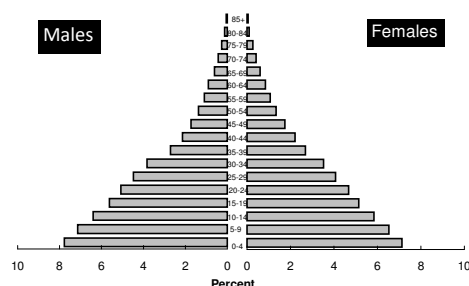
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Solomon Islands

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 168 | 154 | 322 |
| 30-44 | 40 | 39 | 79 |
| 45-59 | 19 | 19 | 38 |
| 60-69 | 7 | 7 | 14 |
| 70-79 | 3 | 3 | 6 |
| 80+ | 1 | 1 | 2 |
| Total | 239 | 222 | 461 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (831 per 100,000 population) was about 4.2 times that for communicable diseases (196 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 153 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 32% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (50 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 236 | 792 | 2,408 | 6,350 | 16,154 | 1,060 |
| Death rate attributable to tobacco | - | 19 | 80 | 154 | 474 | 25 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 2 | 3 | 2 |
| Death rate: Communicable diseases | 71 | 119 | 355 | 1,186 | 3,010 | 196 |
| Death rate attributable to tobacco | - | 1 | 3 | 9 | 35 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 1 | 1 |
| Death rate: Tuberculosis | 29 | 88 | 183 | 269 | 494 | 76 |
| Death rate attributable to tobacco | - | 1 | 3 | 4 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 3 | 1 |
| Death rate: Lower respiratory infections | 2 | 3 | 36 | 302 | 764 | 27 |
| Death rate attributable to tobacco | - | 0 | 1 | 5 | 23 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 3 | 2 |
| Death rate: Noncommunicable diseases | 136 | 646 | 2,007 | 5,106 | 12,998 | 831 |
| Death rate attributable to tobacco | - | 18 | 77 | 145 | 439 | 24 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 3 | 3 |
| Death rate: All malignant neoplasms | 28 | 101 | 238 | 485 | 1,234 | 103 |
| Death rate attributable to tobacco | - | 3 | 19 | 34 | 101 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 8 | 7 | 8 | 5 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 8 | 26 | 43 | 79 | 8 |
| Death rate attributable to tobacco | - | 1 | 10 | 17 | 41 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 38 | 40 | 52 | 32 |
| Death rate: All other malignant neoplasms | 27 | 94 | 212 | 441 | 1,155 | 95 |
| Death rate attributable to tobacco | - | 2 | 9 | 16 | 60 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 4 | 5 | 3 |
| Death rate: All Cardiovascular diseases | 61 | 339 | 1,116 | 2,875 | 7,316 | 451 |
| Death rate attributable to tobacco | - | 10 | 24 | 26 | 16 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 1 | 0 | 1 |
| Death rate: Ischaemic heart disease | 26 | 164 | 437 | 698 | 1,591 | 153 |
| Death rate attributable to tobacco | - | 6 | 11 | 7 | 4 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 21 | 90 | 369 | 948 | 2,413 | 143 |
| Death rate attributable to tobacco | - | 2 | 6 | 7 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 1 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 14 | 85 | 311 | 1,229 | 3,313 | 155 |
| Death rate attributable to tobacco | - | 3 | 7 | 12 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 1 | 0 | 1 |
| Death rate: Respiratory diseases | 8 | 47 | 185 | 536 | 1,369 | 75 |
| Death rate attributable to tobacco | - | 5 | 32 | 83 | 310 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 17 | 15 | 23 | 15 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 35 | 166 | 494 | 1,194 | 63 |
| Death rate attributable to tobacco | - | 4 | 32 | 82 | 303 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 19 | 17 | 25 | 18 |
| Death rate: Other respiratory diseases | 6 | 12 | 19 | 41 | 176 | 12 |
| Death rate attributable to tobacco | - | 0 | 0 | 1 | 7 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 4 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 256 | 929 | 2,826 | 7,035 | 17,072 | 1,207 | 215 | 654 | 1,968 | 5,644 | 15,054 | 909 |
| Death rate attributable to tobacco | - | 38 | 157 | 304 | 870 | 50 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 4 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 47 | 137 | 347 | 1,203 | 2,918 | 189 | 95 | 102 | 364 | 1,170 | 3,119 | 203 |
| Death rate attributable to tobacco | - | 2 | 7 | 17 | 65 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 30 | 108 | 227 | 341 | 587 | 92 | 28 | 67 | 138 | 193 | 383 | 61 |
| Death rate attributable to tobacco | - | 1 | 5 | 7 | 23 | 2 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 4 | 2 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 1 | 3 | 39 | 323 | 755 | 29 | 3 | 2 | 32 | 281 | 776 | 26 |
| Death rate attributable to tobacco | - | 0 | 1 | 10 | 42 | 1 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 3 | 6 | 4 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 166 | 753 | 2,405 | 5,774 | 14,012 | 971 | 105 | 538 | 1,589 | 4,417 | 11,782 | 687 |
| Death rate attributable to tobacco | - | 36 | 150 | 286 | 805 | 48 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 5 | 6 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 17 | 70 | 246 | 554 | 1,346 | 95 | 40 | 133 | 229 | 413 | 1,100 | 112 |
| Death rate attributable to tobacco | - | 6 | 36 | 66 | 185 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 15 | 12 | 14 | 11 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 10 | 36 | 65 | 117 | 11 | 1 | 5 | 15 | 20 | 33 | 5 |
| Death rate attributable to tobacco | - | 3 | 19 | 34 | 75 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 27 | 52 | 52 | 64 | 46 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 16 | 60 | 210 | 489 | 1,228 | 84 | 39 | 128 | 215 | 392 | 1,067 | 108 |
| Death rate attributable to tobacco | - | 4 | 17 | 32 | 110 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 8 | 7 | 9 | 7 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 93 | 449 | 1,335 | 3,218 | 7,810 | 549 | 28 | 227 | 887 | 2,522 | 6,726 | 350 |
| Death rate attributable to tobacco | - | 21 | 47 | 52 | 30 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 48 | 266 | 632 | 912 | 1,968 | 228 | 4 | 60 | 232 | 479 | 1,138 | 75 |
| Death rate attributable to tobacco | - | 12 | 21 | 14 | 7 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | 0 | 3 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 30 | 89 | 342 | 1,054 | 2,557 | 154 | 12 | 91 | 397 | 840 | 2,240 | 132 |
| Death rate attributable to tobacco | - | 4 | 11 | 14 | 9 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 3 | 1 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 15 | 94 | 361 | 1,253 | 3,284 | 167 | 12 | 76 | 258 | 1,203 | 3,348 | 143 |
| Death rate attributable to tobacco | - | 5 | 15 | 24 | 14 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 0 | 2 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 11 | 64 | 248 | 681 | 1,654 | 99 | 5 | 30 | 118 | 386 | 1,028 | 51 |
| Death rate attributable to tobacco | - | 9 | 63 | 163 | 570 | 23 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 25 | 24 | 34 | 23 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 48 | 222 | 622 | 1,424 | 82 | 2 | 21 | 107 | 363 | 918 | 44 |
| Death rate attributable to tobacco | - | 9 | 62 | 161 | 557 | 23 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 18 | 28 | 26 | 39 | 27 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 8 | 15 | 26 | 59 | 230 | 17 | 3 | 9 | 11 | 23 | 111 | 7 |
| Death rate attributable to tobacco | - | 0 | 1 | 2 | 13 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 3 | 3 | 6 | 2 | - | - | - | - | - | - |

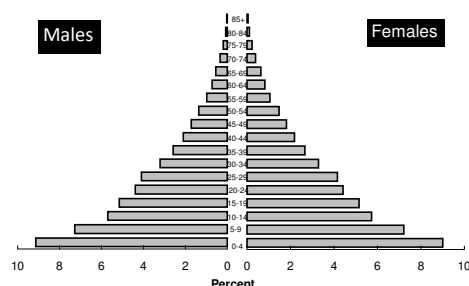
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Somalia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,842 | 2,839 | 5,681 |
| 30-44 | 627 | 647 | 1,274 |
| 45-59 | 322 | 345 | 667 |
| 60-69 | 101 | 116 | 217 |
| 70-79 | 43 | 50 | 93 |
| 80+ | 9 | 12 | 21 |
| Total | 3,944 | 4,010 | 7,954 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1474 per 100,000 population) was about 2.4 times that for communicable diseases (616 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 298 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 44% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 8% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (202 per 100,000 men aged 30 years and over) compared with women (26 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 1% for women.

- Among those who died prematurely, almost one in every 15 deaths among those aged 30-44 and one in 16 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.6% of those whose death was due to a lower respiratory infection, 11.2% of deaths due to the category of 'all cardiovascular diseases combined', and 49% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,355 | 2,154 | 4,433 | 9,151 | 19,898 | 2,373 |
| Death rate attributable to tobacco | 93 | 132 | 163 | 97 | 81 | 111 |
| Proportion of deaths attributable to tobacco (%) | 7 | 6 | 4 | 1 | 0 | 5 |
| Death rate: Communicable diseases | 583 | 509 | 643 | 1,176 | 3,241 | 616 |
| Death rate attributable to tobacco | 18 | 10 | 7 | 3 | 4 | 14 |
| Proportion of deaths attributable to tobacco (%) | 3 | 2 | 1 | 0 | 0 | 2 |
| Death rate: Tuberculosis | 74 | 88 | 124 | 174 | 167 | 88 |
| Death rate attributable to tobacco | 7 | 4 | 4 | 2 | 1 | 5 |
| Proportion of deaths attributable to tobacco (%) | 9 | 5 | 3 | 1 | 1 | 6 |
| Death rate: Lower respiratory infections | 84 | 102 | 116 | 172 | 613 | 101 |
| Death rate attributable to tobacco | 11 | 6 | 4 | 1 | 3 | 8 |
| Proportion of deaths attributable to tobacco (%) | 13 | 6 | 3 | 1 | 1 | 8 |
| Death rate: Noncommunicable diseases | 456 | 1,431 | 3,528 | 7,666 | 15,980 | 1,474 |
| Death rate attributable to tobacco | 75 | 122 | 156 | 95 | 77 | 97 |
| Proportion of deaths attributable to tobacco (%) | 16 | 9 | 4 | 1 | 0 | 7 |
| Death rate: All malignant neoplasms | 94 | 288 | 527 | 833 | 1,056 | 232 |
| Death rate attributable to tobacco | 11 | 32 | 56 | 30 | 22 | 22 |
| Proportion of deaths attributable to tobacco (%) | 12 | 11 | 11 | 4 | 2 | 10 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 13 | 31 | 35 | 34 | 10 |
| Death rate attributable to tobacco | 1 | 6 | 16 | 9 | 7 | 4 |
| Proportion of deaths attributable to tobacco (%) | 40 | 49 | 51 | 27 | 20 | 44 |
| Death rate: All other malignant neoplasms | 92 | 275 | 497 | 798 | 1,022 | 222 |
| Death rate attributable to tobacco | 10 | 25 | 40 | 21 | 15 | 18 |
| Proportion of deaths attributable to tobacco (%) | 11 | 9 | 8 | 3 | 1 | 8 |
| Death rate: All Cardiovascular diseases | 158 | 622 | 1,830 | 4,521 | 10,716 | 729 |
| Death rate attributable to tobacco | 54 | 70 | 54 | 20 | 4 | 57 |
| Proportion of deaths attributable to tobacco (%) | 34 | 11 | 3 | 0 | 0 | 8 |
| Death rate: Ischaemic heart disease | 32 | 266 | 883 | 1,985 | 3,923 | 298 |
| Death rate attributable to tobacco | 12 | 32 | 27 | 10 | 1 | 19 |
| Proportion of deaths attributable to tobacco (%) | 37 | 12 | 3 | 0 | 0 | 6 |
| Death rate: Cerebrovascular disease | 42 | 158 | 431 | 1,022 | 2,204 | 173 |
| Death rate attributable to tobacco | 12 | 15 | 11 | 4 | 1 | 13 |
| Proportion of deaths attributable to tobacco (%) | 29 | 10 | 3 | 0 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 84 | 197 | 516 | 1,514 | 4,589 | 258 |
| Death rate attributable to tobacco | 30 | 22 | 16 | 7 | 2 | 25 |
| Proportion of deaths attributable to tobacco (%) | 36 | 11 | 3 | 0 | 0 | 10 |
| Death rate: Respiratory diseases | 33 | 88 | 255 | 606 | 1,253 | 105 |
| Death rate attributable to tobacco | 9 | 19 | 44 | 43 | 50 | 17 |
| Proportion of deaths attributable to tobacco (%) | 27 | 21 | 17 | 7 | 4 | 16 |
| Death rate: Chronic obstructive pulmonary disease | 9 | 46 | 159 | 400 | 785 | 58 |
| Death rate attributable to tobacco | 6 | 16 | 41 | 41 | 47 | 14 |
| Proportion of deaths attributable to tobacco (%) | 62 | 35 | 26 | 10 | 6 | 24 |
| Death rate: Other respiratory diseases | 23 | 42 | 95 | 205 | 468 | 47 |
| Death rate attributable to tobacco | 3 | 3 | 3 | 2 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | 13 | 6 | 3 | 1 | 1 | 6 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,678 | 2,588 | 5,115 | 9,944 | 21,930 | 2,737 | 1,042 | 1,749 | 3,842 | 8,480 | 18,465 | 2,030 |
| Death rate attributable to tobacco | 141 | 273 | 352 | 212 | 196 | 202 | 47 | - | - | - | - | 26 |
| Proportion of deaths attributable to tobacco (%) | 8 | 11 | 7 | 2 | 1 | 7 | 4 | - | - | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 635 | 696 | 913 | 1,533 | 4,477 | 743 | 533 | 335 | 410 | 873 | 2,370 | 496 |
| Death rate attributable to tobacco | 25 | 21 | 15 | 6 | 10 | 22 | 11 | - | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 2 | 0 | 0 | 3 | 2 | - | - | - | - | 1 |
| <u>Death rate: Tuberculosis</u> | 110 | 137 | 182 | 253 | 268 | 131 | 39 | 43 | 75 | 108 | 95 | 47 |
| Death rate attributable to tobacco | 11 | 9 | 8 | 3 | 2 | 10 | 3 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 10 | 7 | 4 | 1 | 1 | 7 | 7 | - | - | - | - | 3 |
| <u>Death rate: Lower respiratory infections</u> | 106 | 127 | 127 | 134 | 628 | 119 | 62 | 78 | 107 | 204 | 604 | 83 |
| Death rate attributable to tobacco | 14 | 12 | 8 | 3 | 8 | 13 | 8 | - | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 6 | 2 | 1 | 11 | 13 | - | - | - | - | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 563 | 1,632 | 3,856 | 8,044 | 16,720 | 1,594 | 352 | 1,244 | 3,244 | 7,347 | 15,458 | 1,361 |
| Death rate attributable to tobacco | 116 | 252 | 336 | 206 | 186 | 180 | 36 | - | - | - | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 21 | 15 | 9 | 3 | 1 | 11 | 10 | - | - | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 85 | 308 | 680 | 1,063 | 1,514 | 254 | 104 | 271 | 395 | 638 | 733 | 211 |
| Death rate attributable to tobacco | 15 | 66 | 120 | 66 | 53 | 42 | 7 | - | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 18 | 21 | 18 | 6 | 3 | 16 | 7 | - | - | - | - | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 21 | 51 | 52 | 58 | 15 | 3 | 6 | 13 | 21 | 16 | 6 |
| Death rate attributable to tobacco | 1 | 13 | 34 | 21 | 16 | 9 | 1 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 43 | 65 | 66 | 40 | 27 | 58 | 38 | - | - | - | - | 9 |
| <u>Death rate: All other malignant neoplasms</u> | 82 | 287 | 629 | 1,011 | 1,456 | 239 | 101 | 264 | 382 | 617 | 717 | 206 |
| Death rate attributable to tobacco | 14 | 52 | 86 | 46 | 37 | 33 | 6 | - | - | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 17 | 18 | 14 | 5 | 3 | 14 | 6 | - | - | - | - | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 200 | 720 | 1,919 | 4,512 | 10,621 | 758 | 116 | 530 | 1,752 | 4,529 | 10,784 | 702 |
| Death rate attributable to tobacco | 85 | 144 | 117 | 44 | 9 | 103 | 23 | - | - | - | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 43 | 20 | 6 | 1 | 0 | 14 | 20 | - | - | - | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 51 | 353 | 1,006 | 2,207 | 4,072 | 342 | 14 | 186 | 777 | 1,797 | 3,818 | 257 |
| Death rate attributable to tobacco | 22 | 67 | 59 | 21 | 3 | 38 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 44 | 19 | 6 | 1 | 0 | 11 | 14 | - | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 52 | 163 | 428 | 973 | 2,085 | 170 | 32 | 154 | 433 | 1,064 | 2,288 | 176 |
| Death rate attributable to tobacco | 14 | 32 | 25 | 8 | 2 | 20 | 10 | - | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 27 | 20 | 6 | 1 | 0 | 12 | 31 | - | - | - | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 98 | 204 | 486 | 1,332 | 4,464 | 246 | 70 | 191 | 543 | 1,668 | 4,677 | 269 |
| Death rate attributable to tobacco | 49 | 46 | 34 | 15 | 4 | 45 | 12 | - | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | 50 | 22 | 7 | 1 | 0 | 18 | 17 | - | - | - | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 45 | 120 | 334 | 744 | 1,517 | 132 | 21 | 59 | 185 | 489 | 1,067 | 80 |
| Death rate attributable to tobacco | 14 | 39 | 95 | 93 | 122 | 32 | 4 | - | - | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 30 | 32 | 29 | 12 | 8 | 25 | 21 | - | - | - | - | 3 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 15 | 64 | 216 | 504 | 952 | 74 | 4 | 30 | 110 | 313 | 667 | 42 |
| Death rate attributable to tobacco | 10 | 34 | 88 | 88 | 115 | 28 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 63 | 53 | 41 | 18 | 12 | 37 | 58 | - | - | - | - | 3 |
| <u>Death rate: Other respiratory diseases</u> | 30 | 56 | 118 | 240 | 564 | 58 | 17 | 29 | 75 | 176 | 400 | 37 |
| Death rate attributable to tobacco | 4 | 5 | 7 | 5 | 7 | 5 | 2 | - | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 6 | 2 | 1 | 8 | 13 | - | - | - | - | 3 |

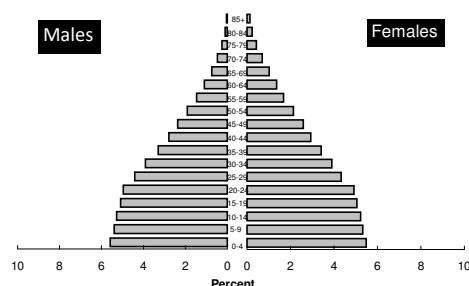
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

South Africa

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 14,596 | 14,425 | 29,021 |
| 30-44 | 4,742 | 4,870 | 9,612 |
| 45-59 | 2,724 | 3,049 | 5,773 |
| 60-69 | 876 | 1,133 | 2,009 |
| 70-79 | 340 | 540 | 881 |
| 80+ | 70 | 176 | 246 |
| Total | 23,349 | 24,192 | 47,541 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1233 per 100,000 population) was about 0.8 times that for communicable diseases (1505 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 161 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 27 deaths per 100,000 population but with 75% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (348 per 100,000 men aged 30 years and over) compared with women (132 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 11% for men and 5% for women.

- Among those who died prematurely, almost one in every 25 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 21.3% of those whose death was due to a lower respiratory infection, 33.4% of deaths due to the category of 'all cardiovascular diseases combined', and 76.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,282 | 2,467 | 3,786 | 7,398 | 17,386 | 2,947 |
| Death rate attributable to tobacco | 92 | 260 | 501 | 791 | 1,004 | 234 |
| Proportion of deaths attributable to tobacco (%) | 4 | 11 | 13 | 11 | 6 | 8 |
| Death rate: Communicable diseases | 1,763 | 1,312 | 930 | 985 | 2,462 | 1,505 |
| Death rate attributable to tobacco | 27 | 29 | 51 | 72 | 172 | 34 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 5 | 7 | 7 | 2 |
| Death rate: Tuberculosis | 115 | 181 | 279 | 124 | 86 | 153 |
| Death rate attributable to tobacco | 22 | 26 | 29 | 11 | 8 | 23 |
| Proportion of deaths attributable to tobacco (%) | 19 | 15 | 10 | 9 | 9 | 15 |
| Death rate: Lower respiratory infections | 19 | 12 | 149 | 457 | 1,452 | 71 |
| Death rate attributable to tobacco | 5 | 2 | 21 | 60 | 162 | 11 |
| Proportion of deaths attributable to tobacco (%) | 25 | 21 | 14 | 13 | 11 | 15 |
| Death rate: Noncommunicable diseases | 297 | 967 | 2,692 | 6,174 | 14,419 | 1,233 |
| Death rate attributable to tobacco | 66 | 231 | 451 | 719 | 832 | 200 |
| Proportion of deaths attributable to tobacco (%) | 22 | 24 | 17 | 12 | 6 | 16 |
| Death rate: All malignant neoplasms | 48 | 209 | 554 | 1,106 | 1,775 | 226 |
| Death rate attributable to tobacco | 9 | 55 | 130 | 188 | 219 | 48 |
| Proportion of deaths attributable to tobacco (%) | 19 | 26 | 24 | 17 | 12 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 29 | 80 | 122 | 131 | 27 |
| Death rate attributable to tobacco | 2 | 22 | 63 | 92 | 90 | 20 |
| Proportion of deaths attributable to tobacco (%) | 57 | 76 | 79 | 75 | 69 | 75 |
| Death rate: All other malignant neoplasms | 44 | 180 | 474 | 984 | 1,644 | 199 |
| Death rate attributable to tobacco | 7 | 33 | 67 | 96 | 129 | 27 |
| Proportion of deaths attributable to tobacco (%) | 16 | 18 | 14 | 10 | 8 | 14 |
| Death rate: All Cardiovascular diseases | 97 | 376 | 1,129 | 2,897 | 7,974 | 534 |
| Death rate attributable to tobacco | 42 | 126 | 177 | 243 | 153 | 94 |
| Proportion of deaths attributable to tobacco (%) | 43 | 33 | 16 | 8 | 2 | 18 |
| Death rate: Ischaemic heart disease | 17 | 126 | 418 | 898 | 1,887 | 161 |
| Death rate attributable to tobacco | 8 | 43 | 64 | 66 | 44 | 28 |
| Proportion of deaths attributable to tobacco (%) | 48 | 34 | 15 | 7 | 2 | 17 |
| Death rate: Cerebrovascular disease | 39 | 138 | 414 | 1,072 | 2,801 | 196 |
| Death rate attributable to tobacco | 16 | 46 | 63 | 94 | 7 | 34 |
| Proportion of deaths attributable to tobacco (%) | 43 | 33 | 15 | 9 | 0 | 17 |
| Death rate: Other cardiovascular diseases | 41 | 112 | 298 | 927 | 3,286 | 176 |
| Death rate attributable to tobacco | 17 | 37 | 50 | 83 | 102 | 31 |
| Proportion of deaths attributable to tobacco (%) | 42 | 33 | 17 | 9 | 3 | 18 |
| Death rate: Respiratory diseases | 38 | 110 | 316 | 660 | 1,288 | 137 |
| Death rate attributable to tobacco | 13 | 42 | 125 | 249 | 407 | 50 |
| Proportion of deaths attributable to tobacco (%) | 33 | 38 | 39 | 38 | 32 | 37 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 43 | 157 | 336 | 575 | 58 |
| Death rate attributable to tobacco | 6 | 30 | 101 | 207 | 327 | 37 |
| Proportion of deaths attributable to tobacco (%) | 75 | 69 | 65 | 61 | 57 | 65 |
| Death rate: Other respiratory diseases | 30 | 67 | 160 | 323 | 713 | 79 |
| Death rate attributable to tobacco | 7 | 12 | 23 | 43 | 80 | 13 |
| Proportion of deaths attributable to tobacco (%) | 22 | 18 | 15 | 13 | 11 | 16 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,310 | 3,068 | 4,681 | 8,609 | 18,879 | 3,160 | 2,255 | 1,930 | 3,093 | 6,635 | 16,798 | 2,756 |
| Death rate attributable to tobacco | 136 | 424 | 831 | 1,140 | 1,815 | 348 | 50 | 112 | 246 | 571 | 684 | 132 |
| Proportion of deaths attributable to tobacco (%) | 6 | 14 | 18 | 13 | 10 | 11 | 2 | 6 | 8 | 9 | 4 | 5 |
| <u>Death rate: Communicable diseases</u> | 1,659 | 1,642 | 1,176 | 1,235 | 2,892 | 1,598 | 1,865 | 1,018 | 739 | 827 | 2,292 | 1,420 |
| Death rate attributable to tobacco | 49 | 57 | 91 | 105 | 302 | 60 | 5 | 4 | 19 | 51 | 120 | 11 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 8 | 9 | 10 | 4 | 0 | 0 | 3 | 6 | 5 | 1 |
| <i>Death rate: Tuberculosis</i> | 198 | 296 | 422 | 232 | 199 | 252 | 33 | 80 | 169 | 56 | 42 | 65 |
| Death rate attributable to tobacco | 41 | 52 | 56 | 24 | 23 | 45 | 3 | 4 | 8 | 4 | 2 | 4 |
| Proportion of deaths attributable to tobacco (%) | 21 | 17 | 13 | 10 | 12 | 18 | 10 | 5 | 5 | 7 | 5 | 6 |
| <i>Death rate: Lower respiratory infections</i> | 29 | 21 | 191 | 575 | 1,710 | 77 | 8 | 3 | 117 | 382 | 1,351 | 64 |
| Death rate attributable to tobacco | 8 | 5 | 35 | 81 | 276 | 15 | 1 | 0 | 11 | 47 | 117 | 7 |
| Proportion of deaths attributable to tobacco (%) | 27 | 23 | 18 | 14 | 16 | 19 | 17 | 9 | 9 | 12 | 9 | 11 |
| <u>Death rate: Noncommunicable diseases</u> | 303 | 1,132 | 3,257 | 7,045 | 15,358 | 1,239 | 292 | 821 | 2,254 | 5,625 | 14,049 | 1,228 |
| Death rate attributable to tobacco | 87 | 368 | 740 | 1,035 | 1,513 | 288 | 45 | 108 | 227 | 520 | 563 | 121 |
| Proportion of deaths attributable to tobacco (%) | 29 | 32 | 23 | 15 | 10 | 23 | 15 | 13 | 10 | 9 | 4 | 10 |
| <i>Death rate: All malignant neoplasms</i> | 38 | 228 | 702 | 1,478 | 2,735 | 241 | 57 | 192 | 439 | 871 | 1,397 | 213 |
| Death rate attributable to tobacco | 12 | 99 | 246 | 348 | 561 | 80 | 6 | 16 | 40 | 87 | 85 | 19 |
| Proportion of deaths attributable to tobacco (%) | 33 | 43 | 35 | 24 | 20 | 33 | 10 | 8 | 9 | 10 | 6 | 9 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 5 | 47 | 136 | 205 | 287 | 41 | 3 | 13 | 36 | 70 | 70 | 15 |
| Death rate attributable to tobacco | 3 | 40 | 119 | 174 | 244 | 35 | 1 | 6 | 19 | 40 | 29 | 8 |
| Proportion of deaths attributable to tobacco (%) | 64 | 85 | 87 | 85 | 85 | 84 | 46 | 49 | 54 | 57 | 42 | 52 |
| <i>Death rate: All other malignant neoplasms</i> | 33 | 181 | 566 | 1,273 | 2,448 | 200 | 54 | 178 | 403 | 802 | 1,327 | 198 |
| Death rate attributable to tobacco | 9 | 59 | 128 | 174 | 316 | 45 | 5 | 9 | 21 | 47 | 56 | 11 |
| Proportion of deaths attributable to tobacco (%) | 28 | 33 | 23 | 14 | 13 | 23 | 8 | 5 | 5 | 6 | 4 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 93 | 435 | 1,304 | 3,001 | 7,448 | 492 | 100 | 324 | 994 | 2,832 | 8,181 | 571 |
| Death rate attributable to tobacco | 56 | 185 | 242 | 228 | 93 | 122 | 28 | 73 | 126 | 252 | 177 | 69 |
| Proportion of deaths attributable to tobacco (%) | 60 | 43 | 19 | 8 | 1 | 25 | 28 | 22 | 13 | 9 | 2 | 12 |
| <i>Death rate: Ischaemic heart disease</i> | 22 | 180 | 568 | 1,203 | 2,213 | 189 | 12 | 78 | 301 | 705 | 1,759 | 136 |
| Death rate attributable to tobacco | 14 | 74 | 101 | 89 | 25 | 45 | 2 | 15 | 34 | 51 | 52 | 14 |
| Proportion of deaths attributable to tobacco (%) | 65 | 41 | 18 | 7 | 1 | 24 | 18 | 19 | 11 | 7 | 3 | 10 |
| <i>Death rate: Cerebrovascular disease</i> | 36 | 151 | 447 | 995 | 2,324 | 168 | 41 | 126 | 389 | 1,120 | 2,988 | 221 |
| Death rate attributable to tobacco | 17 | 63 | 79 | 66 | 26 | 40 | 16 | 30 | 51 | 111 | - | 29 |
| Proportion of deaths attributable to tobacco (%) | 47 | 42 | 18 | 7 | 1 | 23 | 39 | 24 | 13 | 10 | - | 13 |
| <i>Death rate: Other cardiovascular diseases</i> | 35 | 104 | 290 | 802 | 2,910 | 135 | 47 | 120 | 304 | 1,006 | 3,434 | 214 |
| Death rate attributable to tobacco | 25 | 48 | 61 | 73 | 42 | 38 | 10 | 27 | 41 | 89 | 125 | 26 |
| Proportion of deaths attributable to tobacco (%) | 70 | 46 | 21 | 9 | 1 | 28 | 22 | 23 | 13 | 9 | 4 | 12 |
| <u>Death rate: Respiratory diseases</u> | 39 | 152 | 476 | 983 | 1,800 | 169 | 37 | 72 | 193 | 456 | 1,087 | 108 |
| Death rate attributable to tobacco | 16 | 71 | 223 | 415 | 779 | 75 | 9 | 16 | 48 | 145 | 260 | 28 |
| Proportion of deaths attributable to tobacco (%) | 40 | 47 | 47 | 42 | 43 | 45 | 25 | 22 | 25 | 32 | 24 | 26 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 10 | 66 | 259 | 552 | 947 | 81 | 6 | 23 | 77 | 201 | 429 | 38 |
| Death rate attributable to tobacco | 8 | 51 | 184 | 354 | 642 | 57 | 4 | 11 | 38 | 114 | 203 | 20 |
| Proportion of deaths attributable to tobacco (%) | 80 | 77 | 71 | 64 | 68 | 71 | 66 | 50 | 49 | 57 | 47 | 52 |
| <i>Death rate: Other respiratory diseases</i> | 30 | 86 | 217 | 432 | 852 | 88 | 31 | 49 | 116 | 255 | 658 | 70 |
| Death rate attributable to tobacco | 8 | 20 | 40 | 61 | 138 | 18 | 5 | 5 | 11 | 31 | 57 | 8 |
| Proportion of deaths attributable to tobacco (%) | 27 | 23 | 18 | 14 | 16 | 21 | 17 | 9 | 9 | 12 | 9 | 12 |

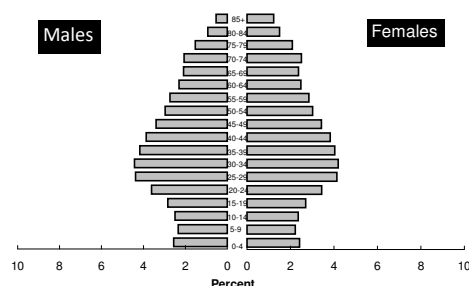
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Spain

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 7,799 | 7,391 | 15,191 |
| 30-44 | 5,335 | 5,164 | 10,499 |
| 45-59 | 3,889 | 3,973 | 7,862 |
| 60-69 | 1,879 | 2,073 | 3,952 |
| 70-79 | 1,533 | 1,964 | 3,497 |
| 80+ | 624 | 1,170 | 1,795 |
| Total | 21,059 | 21,736 | 42,795 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1198 per 100,000 population) was about 19.9 times that for communicable diseases (60 per 100,000). Tobacco was responsible for 15% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 171 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 72 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 16% of all tuberculosis deaths.

- The death rate due to tobacco in men was (360 per 100,000 men aged 30 years and over) compared with women (23 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 25% for men and 2% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 30.7% of those whose death was due to a lower respiratory infection, 53.1% of deaths due to the category of 'all cardiovascular diseases combined', and 86.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|-------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 117 | 378 | 1,058 | 2,852 | 9,893 | 1,308 |
| Death rate attributable to tobacco | 20 | 120 | 260 | 468 | 725 | 185 |
| Proportion of deaths attributable to tobacco (%) | 17 | 32 | 25 | 16 | 7 | 14 |
| Death rate: Communicable diseases | 16 | 14 | 31 | 107 | 495 | 60 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 9 | 42 | 5 |
| Proportion of deaths attributable to tobacco (%) | 3 | 8 | 8 | 9 | 9 | 8 |
| Death rate: Tuberculosis | 0 | 1 | 1 | 4 | 9 | 2 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 29 | 25 | 19 | 13 | 12 | 16 |
| Death rate: Lower respiratory infections | 1 | 3 | 10 | 50 | 326 | 30 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 41 | 5 |
| Proportion of deaths attributable to tobacco (%) | 36 | 31 | 21 | 18 | 13 | 15 |
| Death rate: Noncommunicable diseases | 67 | 332 | 985 | 2,668 | 9,211 | 1,198 |
| Death rate attributable to tobacco | 19 | 119 | 257 | 458 | 683 | 180 |
| Proportion of deaths attributable to tobacco (%) | 29 | 36 | 26 | 17 | 7 | 15 |
| Death rate: All malignant neoplasms | 29 | 185 | 499 | 960 | 1,602 | 361 |
| Death rate attributable to tobacco | 7 | 71 | 165 | 253 | 256 | 95 |
| Proportion of deaths attributable to tobacco (%) | 25 | 38 | 33 | 26 | 16 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 51 | 124 | 199 | 193 | 72 |
| Death rate attributable to tobacco | 4 | 44 | 107 | 169 | 152 | 61 |
| Proportion of deaths attributable to tobacco (%) | 69 | 86 | 86 | 85 | 79 | 84 |
| Death rate: All other malignant neoplasms | 24 | 134 | 375 | 761 | 1,409 | 289 |
| Death rate attributable to tobacco | 4 | 27 | 58 | 84 | 104 | 35 |
| Proportion of deaths attributable to tobacco (%) | 15 | 20 | 15 | 11 | 7 | 12 |
| Death rate: All Cardiovascular diseases | 16 | 77 | 267 | 924 | 4,142 | 453 |
| Death rate attributable to tobacco | 11 | 41 | 60 | 86 | 53 | 39 |
| Proportion of deaths attributable to tobacco (%) | 67 | 53 | 22 | 9 | 1 | 9 |
| Death rate: Ischaemic heart disease | 7 | 43 | 140 | 403 | 1,312 | 171 |
| Death rate attributable to tobacco | 5 | 23 | 32 | 39 | 18 | 19 |
| Proportion of deaths attributable to tobacco (%) | 71 | 54 | 23 | 10 | 1 | 11 |
| Death rate: Cerebrovascular disease | 4 | 15 | 60 | 258 | 1,224 | 126 |
| Death rate attributable to tobacco | 2 | 7 | 12 | 20 | 8 | 8 |
| Proportion of deaths attributable to tobacco (%) | 56 | 49 | 20 | 8 | 1 | 6 |
| Death rate: Other cardiovascular diseases | 6 | 19 | 68 | 263 | 1,606 | 155 |
| Death rate attributable to tobacco | 4 | 11 | 16 | 26 | 27 | 12 |
| Proportion of deaths attributable to tobacco (%) | 69 | 54 | 24 | 10 | 2 | 8 |
| Death rate: Respiratory diseases | 3 | 11 | 60 | 247 | 1,043 | 112 |
| Death rate attributable to tobacco | 1 | 6 | 30 | 113 | 359 | 44 |
| Proportion of deaths attributable to tobacco (%) | 40 | 51 | 49 | 46 | 34 | 39 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 5 | 32 | 133 | 461 | 53 |
| Death rate attributable to tobacco | 0 | 4 | 24 | 94 | 291 | 35 |
| Proportion of deaths attributable to tobacco (%) | 85 | 82 | 75 | 71 | 63 | 67 |
| Death rate: Other respiratory diseases | 3 | 7 | 29 | 114 | 581 | 59 |
| Death rate attributable to tobacco | 1 | 2 | 6 | 18 | 68 | 9 |
| Proportion of deaths attributable to tobacco (%) | 36 | 31 | 21 | 16 | 12 | 14 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 166 | 545 | 1,562 | 3,978 | 11,389 | 1,444 | 66 | 214 | 601 | 1,974 | 9,095 | 1,182 |
| Death rate attributable to tobacco | 34 | 221 | 531 | 1,041 | 1,840 | 360 | 6 | 21 | 14 | 20 | 131 | 23 |
| Proportion of deaths attributable to tobacco (%) | 20 | 40 | 34 | 26 | 16 | 25 | 9 | 10 | 2 | 1 | 1 | 2 |
| <u>Death rate: Communicable diseases</u> | 24 | 22 | 43 | 144 | 588 | 67 | 7 | 7 | 21 | 79 | 446 | 55 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 21 | 105 | 9 | 0 | 0 | 0 | 0 | 9 | 1 |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 11 | 14 | 18 | 14 | 2 | 3 | 1 | 1 | 2 | 2 |
| <i>Death rate: Tuberculosis</i> | 1 | 1 | 3 | 6 | 15 | 2 | 0 | 0 | 0 | 3 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 32 | 30 | 22 | 20 | 19 | 23 | 12 | 6 | 1 | 1 | 2 | 2 |
| <i>Death rate: Lower respiratory infections</i> | 2 | 5 | 15 | 74 | 410 | 32 | 1 | 2 | 6 | 31 | 282 | 29 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 20 | 102 | 8 | 0 | 0 | 0 | 0 | 9 | 1 |
| Proportion of deaths attributable to tobacco (%) | 41 | 38 | 29 | 26 | 25 | 26 | 21 | 12 | 3 | 2 | 3 | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 86 | 474 | 1,456 | 3,721 | 10,553 | 1,307 | 47 | 192 | 558 | 1,846 | 8,494 | 1,097 |
| Death rate attributable to tobacco | 33 | 219 | 526 | 1,020 | 1,735 | 352 | 6 | 21 | 14 | 20 | 122 | 22 |
| Proportion of deaths attributable to tobacco (%) | 38 | 46 | 36 | 27 | 16 | 27 | 12 | 11 | 2 | 1 | 1 | 2 |
| <i>Death rate: All malignant neoplasms</i> | 31 | 250 | 740 | 1,460 | 2,509 | 477 | 28 | 122 | 281 | 570 | 1,119 | 254 |
| Death rate attributable to tobacco | 11 | 132 | 340 | 570 | 700 | 190 | 3 | 11 | 6 | 7 | 19 | 7 |
| Proportion of deaths attributable to tobacco (%) | 37 | 53 | 46 | 39 | 28 | 40 | 10 | 9 | 2 | 1 | 2 | 3 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 7 | 88 | 238 | 411 | 461 | 131 | 3 | 15 | 22 | 34 | 50 | 17 |
| Death rate attributable to tobacco | 5 | 80 | 220 | 380 | 419 | 121 | 2 | 8 | 5 | 5 | 10 | 5 |
| Proportion of deaths attributable to tobacco (%) | 76 | 92 | 93 | 92 | 91 | 92 | 53 | 55 | 23 | 13 | 20 | 29 |
| <i>Death rate: All other malignant neoplasms</i> | 23 | 162 | 502 | 1,050 | 2,048 | 346 | 25 | 107 | 259 | 535 | 1,068 | 237 |
| Death rate attributable to tobacco | 6 | 52 | 120 | 190 | 281 | 70 | 1 | 3 | 1 | 2 | 9 | 2 |
| Proportion of deaths attributable to tobacco (%) | 26 | 32 | 24 | 18 | 14 | 20 | 4 | 2 | 1 | 0 | 1 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 25 | 124 | 401 | 1,206 | 4,071 | 435 | 7 | 32 | 145 | 703 | 4,180 | 470 |
| Death rate attributable to tobacco | 19 | 74 | 120 | 186 | 85 | 72 | 2 | 9 | 5 | 7 | 35 | 8 |
| Proportion of deaths attributable to tobacco (%) | 76 | 60 | 30 | 15 | 2 | 17 | 32 | 27 | 4 | 1 | 1 | 2 |
| <i>Death rate: Ischaemic heart disease</i> | 11 | 76 | 225 | 585 | 1,524 | 198 | 2 | 11 | 62 | 260 | 1,199 | 146 |
| Death rate attributable to tobacco | 9 | 44 | 65 | 87 | 29 | 37 | 0 | 3 | 2 | 2 | 12 | 2 |
| Proportion of deaths attributable to tobacco (%) | 77 | 58 | 29 | 15 | 2 | 19 | 22 | 24 | 3 | 1 | 1 | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 5 | 21 | 84 | 312 | 1,153 | 110 | 2 | 10 | 38 | 216 | 1,262 | 142 |
| Death rate attributable to tobacco | 3 | 12 | 24 | 42 | 22 | 14 | 1 | 3 | 1 | 3 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 62 | 59 | 29 | 13 | 2 | 13 | 45 | 29 | 4 | 1 | - | 1 |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 28 | 92 | 309 | 1,394 | 126 | 3 | 11 | 45 | 227 | 1,719 | 182 |
| Death rate attributable to tobacco | 7 | 18 | 32 | 57 | 34 | 21 | 1 | 3 | 2 | 3 | 23 | 4 |
| Proportion of deaths attributable to tobacco (%) | 82 | 64 | 34 | 18 | 2 | 17 | 27 | 29 | 4 | 1 | 1 | 2 |
| <u>Death rate: Respiratory diseases</u> | 5 | 18 | 100 | 416 | 1,610 | 145 | 2 | 5 | 24 | 115 | 740 | 82 |
| Death rate attributable to tobacco | 2 | 11 | 61 | 250 | 911 | 84 | 0 | 1 | 2 | 5 | 64 | 7 |
| Proportion of deaths attributable to tobacco (%) | 45 | 60 | 60 | 60 | 57 | 58 | 24 | 23 | 7 | 5 | 9 | 8 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 0 | 8 | 60 | 264 | 958 | 87 | 0 | 1 | 6 | 30 | 196 | 21 |
| Death rate attributable to tobacco | 0 | 7 | 49 | 210 | 749 | 69 | 0 | 1 | 1 | 4 | 46 | 5 |
| Proportion of deaths attributable to tobacco (%) | 88 | 87 | 82 | 80 | 78 | 79 | 72 | 56 | 20 | 13 | 24 | 22 |
| <i>Death rate: Other respiratory diseases</i> | 4 | 10 | 41 | 152 | 653 | 59 | 2 | 4 | 18 | 84 | 543 | 60 |
| Death rate attributable to tobacco | 2 | 4 | 12 | 40 | 162 | 16 | 0 | 0 | 0 | 1 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 41 | 38 | 29 | 26 | 25 | 27 | 21 | 12 | 3 | 2 | 3 | 3 |

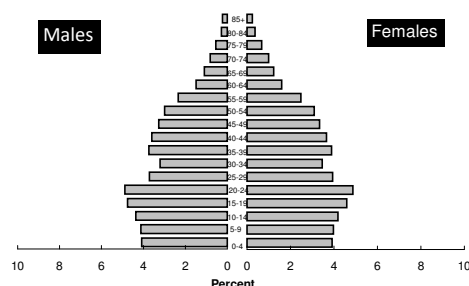
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Sri Lanka

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,935 | 4,853 | 9,788 |
| 30-44 | 2,005 | 2,096 | 4,101 |
| 45-59 | 1,639 | 1,695 | 3,335 |
| 60-69 | 491 | 538 | 1,028 |
| 70-79 | 259 | 317 | 576 |
| 80+ | 96 | 115 | 211 |
| Total | 9,426 | 9,614 | 19,040 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1157 per 100,000 population) was about 7.5 times that for communicable diseases (155 per 100,000). Tobacco was responsible for 11% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 173 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 22 deaths per 100,000 population but with 67% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 8% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (270 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 13% for men and 0% for women.

- Among those who died prematurely, almost one in every 29 deaths among those aged 30-44 and one in 11 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 10.2% of those whose death was due to a lower respiratory infection, 21.8% of deaths due to the category of 'all cardiovascular diseases combined', and 67.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 554 | 1,211 | 3,031 | 6,470 | 16,472 | 1,798 |
| Death rate attributable to tobacco | 19 | 111 | 303 | 452 | 907 | 131 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 10 | 7 | 6 | 7 |
| Death rate: Communicable diseases | 35 | 96 | 232 | 597 | 1,832 | 155 |
| Death rate attributable to tobacco | 2 | 5 | 9 | 17 | 58 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 5 | 4 | 3 | 3 | 4 |
| Death rate: Tuberculosis | 12 | 14 | 14 | 14 | 13 | 13 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 7 | 9 | 8 | 6 | 6 | 7 |
| Death rate: Lower respiratory infections | 8 | 35 | 78 | 229 | 706 | 55 |
| Death rate attributable to tobacco | 1 | 4 | 7 | 13 | 47 | 4 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 9 | 5 | 7 | 8 |
| Death rate: Noncommunicable diseases | 155 | 674 | 2,078 | 4,948 | 13,426 | 1,157 |
| Death rate attributable to tobacco | 18 | 106 | 294 | 436 | 848 | 125 |
| Proportion of deaths attributable to tobacco (%) | 11 | 16 | 14 | 9 | 6 | 11 |
| Death rate: All malignant neoplasms | 32 | 158 | 439 | 766 | 1,424 | 200 |
| Death rate attributable to tobacco | 3 | 33 | 114 | 165 | 270 | 42 |
| Proportion of deaths attributable to tobacco (%) | 10 | 21 | 26 | 21 | 19 | 21 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 19 | 57 | 85 | 115 | 22 |
| Death rate attributable to tobacco | 1 | 12 | 41 | 57 | 80 | 15 |
| Proportion of deaths attributable to tobacco (%) | 32 | 67 | 73 | 67 | 70 | 67 |
| Death rate: All other malignant neoplasms | 30 | 139 | 382 | 681 | 1,309 | 178 |
| Death rate attributable to tobacco | 2 | 21 | 72 | 107 | 190 | 28 |
| Proportion of deaths attributable to tobacco (%) | 8 | 15 | 19 | 16 | 14 | 15 |
| Death rate: All Cardiovascular diseases | 38 | 231 | 868 | 2,415 | 7,029 | 507 |
| Death rate attributable to tobacco | 12 | 50 | 80 | 77 | 31 | 38 |
| Proportion of deaths attributable to tobacco (%) | 32 | 22 | 9 | 3 | 0 | 7 |
| Death rate: Ischaemic heart disease | 16 | 97 | 326 | 792 | 2,008 | 173 |
| Death rate attributable to tobacco | 5 | 21 | 29 | 25 | 9 | 15 |
| Proportion of deaths attributable to tobacco (%) | 34 | 22 | 9 | 3 | 0 | 9 |
| Death rate: Cerebrovascular disease | 7 | 48 | 205 | 693 | 2,514 | 144 |
| Death rate attributable to tobacco | 1 | 9 | 17 | 19 | 11 | 7 |
| Proportion of deaths attributable to tobacco (%) | 21 | 19 | 9 | 3 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 15 | 85 | 337 | 930 | 2,508 | 190 |
| Death rate attributable to tobacco | 5 | 20 | 33 | 34 | 12 | 16 |
| Proportion of deaths attributable to tobacco (%) | 35 | 23 | 10 | 4 | 0 | 8 |
| Death rate: Respiratory diseases | 13 | 74 | 308 | 737 | 2,156 | 162 |
| Death rate attributable to tobacco | 2 | 21 | 96 | 186 | 519 | 43 |
| Proportion of deaths attributable to tobacco (%) | 18 | 28 | 31 | 25 | 24 | 26 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 41 | 193 | 459 | 1,529 | 102 |
| Death rate attributable to tobacco | 2 | 17 | 86 | 169 | 485 | 38 |
| Proportion of deaths attributable to tobacco (%) | 38 | 42 | 44 | 37 | 32 | 38 |
| Death rate: Other respiratory diseases | 9 | 32 | 115 | 278 | 627 | 60 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 17 | 34 | 4 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 9 | 6 | 5 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 660 | 1,507 | 3,831 | 8,008 | 18,845 | 2,129 | 452 | 924 | 2,301 | 5,214 | 14,491 | 1,485 |
| Death rate attributable to tobacco | 39 | 225 | 634 | 1,006 | 1,993 | 270 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 17 | 13 | 11 | 13 | 0 | - | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 32 | 113 | 291 | 708 | 2,178 | 175 | 38 | 80 | 178 | 506 | 1,543 | 137 |
| Death rate attributable to tobacco | 3 | 10 | 19 | 37 | 128 | 12 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 10 | 9 | 7 | 5 | 6 | 7 | 0 | - | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 14 | 21 | 23 | 23 | 20 | 18 | 10 | 8 | 6 | 7 | 8 | 9 |
| Death rate attributable to tobacco | 2 | 3 | 2 | 2 | 2 | 2 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 12 | 12 | 10 | 8 | 9 | 11 | 0 | - | - | - | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 8 | 44 | 102 | 259 | 853 | 64 | 9 | 26 | 57 | 204 | 583 | 47 |
| Death rate attributable to tobacco | 1 | 7 | 14 | 28 | 104 | 9 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 16 | 14 | 11 | 12 | 13 | 0 | - | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 211 | 882 | 2,746 | 6,284 | 15,357 | 1,407 | 101 | 474 | 1,468 | 3,856 | 11,814 | 922 |
| Death rate attributable to tobacco | 36 | 215 | 615 | 969 | 1,865 | 257 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 17 | 24 | 22 | 15 | 12 | 18 | 0 | - | - | - | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 26 | 144 | 511 | 938 | 1,662 | 209 | 38 | 171 | 373 | 627 | 1,226 | 191 |
| Death rate attributable to tobacco | 6 | 68 | 239 | 366 | 593 | 87 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 24 | 47 | 47 | 39 | 36 | 42 | 0 | - | - | - | - | 0 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 32 | 104 | 159 | 218 | 38 | 2 | 5 | 14 | 25 | 28 | 6 |
| Death rate attributable to tobacco | 2 | 25 | 87 | 128 | 176 | 31 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 47 | 78 | 83 | 80 | 81 | 79 | 2 | - | - | - | - | 0 |
| <u>Death rate: All other malignant neoplasms</u> | 22 | 111 | 407 | 779 | 1,444 | 171 | 36 | 166 | 359 | 601 | 1,197 | 185 |
| Death rate attributable to tobacco | 5 | 42 | 152 | 238 | 417 | 57 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 20 | 38 | 37 | 31 | 29 | 33 | 0 | - | - | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 51 | 316 | 1,146 | 2,977 | 7,893 | 604 | 25 | 148 | 615 | 1,957 | 6,309 | 416 |
| Death rate attributable to tobacco | 24 | 102 | 167 | 172 | 69 | 78 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 48 | 32 | 15 | 6 | 1 | 13 | 1 | - | - | - | - | 0 |
| <u>Death rate: Ischaemic heart disease</u> | 23 | 139 | 439 | 993 | 2,342 | 216 | 10 | 57 | 223 | 627 | 1,730 | 133 |
| Death rate attributable to tobacco | 11 | 43 | 60 | 55 | 19 | 31 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 49 | 31 | 14 | 6 | 1 | 14 | 0 | - | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 10 | 61 | 270 | 848 | 2,929 | 168 | 5 | 36 | 147 | 568 | 2,167 | 122 |
| Death rate attributable to tobacco | 3 | 19 | 37 | 42 | 24 | 15 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 31 | 31 | 14 | 5 | 1 | 9 | 1 | - | - | - | - | 0 |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 116 | 437 | 1,136 | 2,622 | 220 | 11 | 55 | 246 | 762 | 2,412 | 161 |
| Death rate attributable to tobacco | 10 | 41 | 70 | 75 | 26 | 32 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 55 | 35 | 16 | 7 | 1 | 14 | 1 | - | - | - | - | 0 |
| <u>Death rate: Respiratory diseases</u> | 14 | 91 | 432 | 1,005 | 2,385 | 196 | 13 | 57 | 194 | 519 | 1,965 | 130 |
| Death rate attributable to tobacco | 5 | 42 | 201 | 413 | 1,141 | 88 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 35 | 46 | 46 | 41 | 48 | 45 | 1 | - | - | - | - | 0 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 52 | 281 | 663 | 1,773 | 128 | 4 | 30 | 112 | 292 | 1,324 | 77 |
| Death rate attributable to tobacco | 3 | 35 | 180 | 377 | 1,066 | 79 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 68 | 68 | 64 | 57 | 60 | 61 | 4 | - | - | - | - | 0 |
| <u>Death rate: Other respiratory diseases</u> | 9 | 39 | 151 | 341 | 611 | 67 | 8 | 26 | 82 | 227 | 640 | 53 |
| Death rate attributable to tobacco | 1 | 6 | 21 | 37 | 74 | 9 | 0 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 16 | 14 | 11 | 12 | 13 | 0 | - | - | - | - | 0 |

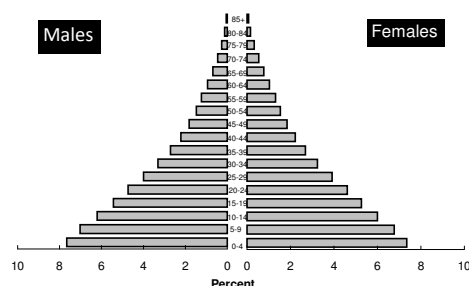
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Sudan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 12,669 | 12,260 | 24,929 |
| 30-44 | 2,971 | 2,944 | 5,915 |
| 45-59 | 1,636 | 1,693 | 3,329 |
| 60-69 | 592 | 654 | 1,246 |
| 70-79 | 265 | 314 | 579 |
| 80+ | 62 | 85 | 147 |
| Total | 18,195 | 17,950 | 36,145 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1378 per 100,000 population) was about 3.2 times that for communicable diseases (434 per 100,000). Tobacco was responsible for 1% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 311 deaths per 100,000 population aged 30 years and over, with 1% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 6 deaths per 100,000 population but with 18% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 0% of all tuberculosis deaths.

- The death rate due to tobacco in men was (21 per 100,000 men aged 30 years and over) compared with women (6 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 1% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 897 | 1,628 | 3,777 | 8,660 | 20,530 | 2,092 |
| Death rate attributable to tobacco | - | 10 | 45 | 85 | 84 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: Communicable diseases | 381 | 354 | 468 | 905 | 2,250 | 434 |
| Death rate attributable to tobacco | - | 0 | 2 | 4 | 8 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 0 | 0 | 0 | 0 |
| Death rate: Tuberculosis | 90 | 102 | 132 | 171 | 144 | 103 |
| Death rate attributable to tobacco | - | 0 | 1 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 0 | 0 |
| Death rate: Lower respiratory infections | 24 | 37 | 119 | 373 | 1,234 | 73 |
| Death rate attributable to tobacco | - | 0 | 1 | 3 | 7 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 1 | 1 |
| Death rate: Noncommunicable diseases | 221 | 1,028 | 3,050 | 7,474 | 17,692 | 1,378 |
| Death rate attributable to tobacco | - | 10 | 43 | 81 | 76 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 0 | 1 |
| Death rate: All malignant neoplasms | 55 | 204 | 448 | 791 | 1,088 | 194 |
| Death rate attributable to tobacco | - | 1 | 14 | 26 | 21 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 3 | 3 | 2 | 2 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 18 | 22 | 24 | 6 |
| Death rate attributable to tobacco | - | 0 | 4 | 8 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 22 | 35 | 24 | 18 |
| Death rate: All other malignant neoplasms | 54 | 197 | 430 | 769 | 1,065 | 189 |
| Death rate attributable to tobacco | - | 1 | 10 | 18 | 15 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 2 | 1 | 1 |
| Death rate: All Cardiovascular diseases | 73 | 452 | 1,585 | 4,420 | 11,942 | 733 |
| Death rate attributable to tobacco | - | 7 | 13 | 17 | 4 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 0 | 0 | 1 |
| Death rate: Ischaemic heart disease | 15 | 199 | 771 | 1,948 | 4,381 | 311 |
| Death rate attributable to tobacco | - | 2 | 7 | 8 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 0 | 0 | 1 |
| Death rate: Cerebrovascular disease | 20 | 114 | 371 | 998 | 2,440 | 169 |
| Death rate attributable to tobacco | - | 2 | 3 | 3 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 0 | 0 | 1 |
| Death rate: Other cardiovascular diseases | 38 | 139 | 443 | 1,475 | 5,120 | 253 |
| Death rate attributable to tobacco | - | 3 | 4 | 6 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 0 | 0 | 1 |
| Death rate: Respiratory diseases | 15 | 64 | 226 | 599 | 1,399 | 101 |
| Death rate attributable to tobacco | - | 1 | 15 | 37 | 51 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 7 | 6 | 4 | 5 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 34 | 142 | 397 | 874 | 60 |
| Death rate attributable to tobacco | - | 1 | 14 | 35 | 48 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 10 | 9 | 5 | 7 |
| Death rate: Other respiratory diseases | 10 | 30 | 84 | 202 | 524 | 41 |
| Death rate attributable to tobacco | - | 0 | 1 | 2 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 1 | 1 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,148 | 2,010 | 4,561 | 9,719 | 22,015 | 2,414 | 643 | 1,258 | 3,068 | 7,768 | 19,449 | 1,779 |
| Death rate attributable to tobacco | - | - | 95 | 186 | 198 | 21 | - | 20 | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 1 | 1 | - | 2 | - | - | - | 0 |
| <u>Death rate: Communicable diseases</u> | 413 | 468 | 637 | 1,078 | 2,623 | 510 | 350 | 243 | 314 | 760 | 1,979 | 361 |
| Death rate attributable to tobacco | - | - | 5 | 10 | 18 | 1 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 0 | - | 0 | - | - | - | 0 |
| <u>Death rate: Tuberculosis</u> | 133 | 156 | 189 | 249 | 228 | 152 | 46 | 50 | 80 | 105 | 83 | 55 |
| Death rate attributable to tobacco | - | - | 2 | 3 | 2 | 0 | - | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 1 | 0 | - | 1 | - | - | - | 0 |
| <u>Death rate: Lower respiratory infections</u> | 34 | 54 | 163 | 451 | 1,563 | 91 | 14 | 21 | 80 | 307 | 995 | 54 |
| Death rate attributable to tobacco | - | - | 3 | 7 | 17 | 1 | - | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 1 | 1 | - | 1 | - | - | - | 0 |
| <u>Death rate: Noncommunicable diseases</u> | 278 | 1,187 | 3,556 | 8,290 | 18,730 | 1,489 | 163 | 874 | 2,590 | 6,787 | 16,935 | 1,269 |
| Death rate attributable to tobacco | - | - | 90 | 176 | 180 | 20 | - | 19 | - | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 2 | 1 | 1 | - | 2 | - | - | - | 0 |
| <u>Death rate: All malignant neoplasms</u> | 53 | 226 | 595 | 1,034 | 1,522 | 226 | 57 | 184 | 315 | 586 | 773 | 164 |
| Death rate attributable to tobacco | - | - | 29 | 56 | 49 | 6 | - | 3 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 5 | 3 | 3 | - | 2 | - | - | - | 1 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 6 | 26 | 48 | 56 | 8 | - | 8 | 11 | 1 | - | 4 |
| Death rate attributable to tobacco | - | - | 8 | 17 | 14 | 2 | - | 1 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 33 | 35 | 24 | 22 | - | 11 | - | - | - | 7 |
| <u>Death rate: All other malignant neoplasms</u> | 51 | 220 | 570 | 986 | 1,466 | 217 | 57 | 176 | 304 | 586 | 773 | 161 |
| Death rate attributable to tobacco | - | - | 21 | 39 | 35 | 5 | - | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 4 | 2 | 2 | - | 1 | - | - | - | 0 |
| <u>Death rate: All Cardiovascular diseases</u> | 95 | 529 | 1,790 | 4,692 | 12,036 | 759 | 50 | 377 | 1,400 | 4,191 | 11,873 | 708 |
| Death rate attributable to tobacco | - | - | 28 | 37 | 8 | 5 | - | 13 | - | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 | - | 4 | - | - | - | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 24 | 267 | 938 | 2,290 | 4,614 | 354 | 6 | 134 | 621 | 1,659 | 4,211 | 269 |
| Death rate attributable to tobacco | - | - | 14 | 18 | 3 | 2 | - | 4 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 | - | 3 | - | - | - | 0 |
| <u>Death rate: Cerebrovascular disease</u> | 25 | 119 | 400 | 1,012 | 2,359 | 166 | 14 | 108 | 346 | 985 | 2,500 | 171 |
| Death rate attributable to tobacco | - | - | 6 | 7 | 2 | 1 | - | 4 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 1 | 0 | 1 | - | 4 | - | - | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 46 | 143 | 453 | 1,390 | 5,063 | 239 | 29 | 134 | 434 | 1,547 | 5,162 | 267 |
| Death rate attributable to tobacco | - | - | 8 | 13 | 4 | 2 | - | 5 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 1 | 0 | 1 | - | 4 | - | - | - | 1 |
| <u>Death rate: Respiratory diseases</u> | 21 | 88 | 312 | 773 | 1,716 | 127 | 9 | 42 | 148 | 453 | 1,167 | 76 |
| Death rate attributable to tobacco | - | - | 31 | 81 | 120 | 9 | - | 3 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 10 | 10 | 7 | 7 | - | 6 | - | - | - | 1 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 7 | 47 | 202 | 524 | 1,075 | 77 | 2 | 22 | 88 | 290 | 728 | 44 |
| Death rate attributable to tobacco | - | - | 30 | 77 | 113 | 8 | - | 2 | - | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 15 | 15 | 11 | 11 | - | 11 | - | - | - | 2 |
| <u>Death rate: Other respiratory diseases</u> | 14 | 41 | 110 | 249 | 642 | 50 | 7 | 20 | 60 | 163 | 439 | 32 |
| Death rate attributable to tobacco | - | - | 2 | 4 | 7 | 0 | - | 0 | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | - | - | 2 | 2 | 1 | 1 | - | 1 | - | - | - | 0 |

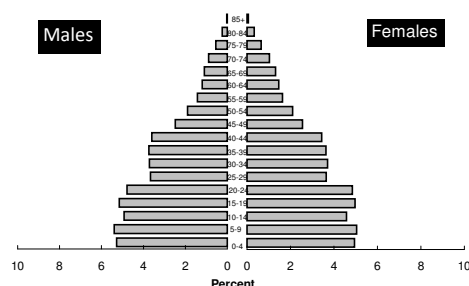
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Suriname

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 131 | 126 | 257 |
| 30-44 | 50 | 48 | 98 |
| 45-59 | 26 | 28 | 54 |
| 60-69 | 10 | 12 | 23 |
| 70-79 | 6 | 8 | 14 |
| 80+ | 1 | 2 | 3 |
| Total | 225 | 224 | 450 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1156 per 100,000 population) was about 6.1 times that for communicable diseases (191 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 200 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 22 deaths per 100,000 population but with 68% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 7% of all tuberculosis deaths.

- The death rate due to tobacco in men was (159 per 100,000 men aged 30 years and over) compared with women (51 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 4% for women.

- Among those who died prematurely, almost one in every 12 deaths among those aged 30-44 and one in 10 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 9.4% of those whose death was due to a lower respiratory infection, 20.8% of deaths due to the category of 'all cardiovascular diseases combined', and 60.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 386 | 949 | 2,557 | 6,255 | 15,126 | 1,458 |
| Death rate attributable to tobacco | 32 | 99 | 231 | 355 | 380 | 104 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 9 | 6 | 3 | 7 |
| Death rate: Communicable diseases | 107 | 112 | 225 | 602 | 2,179 | 191 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 27 | 80 | 5 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 4 | 4 | 4 | 3 |
| Death rate: Tuberculosis | 2 | 2 | 8 | 25 | 38 | 5 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | 12 | 6 | 6 | 4 | 7 | 7 |
| Death rate: Lower respiratory infections | 6 | 22 | 71 | 268 | 1,120 | 54 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 26 | 76 | 5 |
| Proportion of deaths attributable to tobacco (%) | 16 | 9 | 11 | 10 | 7 | 9 |
| Death rate: Noncommunicable diseases | 189 | 737 | 2,212 | 5,424 | 12,539 | 1,156 |
| Death rate attributable to tobacco | 31 | 97 | 223 | 329 | 301 | 98 |
| Proportion of deaths attributable to tobacco (%) | 16 | 13 | 10 | 6 | 2 | 8 |
| Death rate: All malignant neoplasms | 46 | 122 | 362 | 903 | 1,232 | 186 |
| Death rate attributable to tobacco | 3 | 15 | 59 | 112 | 111 | 22 |
| Proportion of deaths attributable to tobacco (%) | 6 | 12 | 16 | 12 | 9 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 17 | 57 | 109 | 109 | 22 |
| Death rate attributable to tobacco | 1 | 10 | 40 | 79 | 68 | 15 |
| Proportion of deaths attributable to tobacco (%) | 57 | 60 | 70 | 72 | 62 | 68 |
| Death rate: All other malignant neoplasms | 44 | 104 | 305 | 794 | 1,123 | 163 |
| Death rate attributable to tobacco | 2 | 4 | 18 | 33 | 43 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 4 | 6 | 4 | 4 | 4 |
| Death rate: All Cardiovascular diseases | 71 | 369 | 1,157 | 2,978 | 8,084 | 620 |
| Death rate attributable to tobacco | 26 | 77 | 134 | 151 | 73 | 63 |
| Proportion of deaths attributable to tobacco (%) | 37 | 21 | 12 | 5 | 1 | 10 |
| Death rate: Ischaemic heart disease | 22 | 141 | 451 | 933 | 1,798 | 200 |
| Death rate attributable to tobacco | 9 | 28 | 49 | 47 | 20 | 22 |
| Proportion of deaths attributable to tobacco (%) | 40 | 20 | 11 | 5 | 1 | 11 |
| Death rate: Cerebrovascular disease | 19 | 128 | 459 | 1,262 | 3,137 | 241 |
| Death rate attributable to tobacco | 6 | 27 | 54 | 62 | 9 | 22 |
| Proportion of deaths attributable to tobacco (%) | 31 | 21 | 12 | 5 | 0 | 9 |
| Death rate: Other cardiovascular diseases | 31 | 100 | 247 | 783 | 3,149 | 179 |
| Death rate attributable to tobacco | 12 | 21 | 31 | 42 | 45 | 20 |
| Proportion of deaths attributable to tobacco (%) | 39 | 21 | 13 | 5 | 1 | 11 |
| Death rate: Respiratory diseases | 4 | 18 | 86 | 214 | 561 | 41 |
| Death rate attributable to tobacco | 1 | 3 | 20 | 50 | 103 | 9 |
| Proportion of deaths attributable to tobacco (%) | 16 | 15 | 24 | 24 | 18 | 21 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 2 | 27 | 66 | 148 | 11 |
| Death rate attributable to tobacco | 0 | 1 | 14 | 37 | 69 | 6 |
| Proportion of deaths attributable to tobacco (%) | 37 | 59 | 54 | 56 | 47 | 53 |
| Death rate: Other respiratory diseases | 3 | 16 | 60 | 148 | 413 | 30 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 13 | 34 | 3 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 10 | 9 | 8 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 514 | 1,223 | 3,207 | 7,279 | 17,054 | 1,686 | 256 | 695 | 2,021 | 5,378 | 13,810 | 1,241 |
| Death rate attributable to tobacco | 63 | 152 | 309 | 596 | 631 | 159 | - | 51 | 167 | 149 | 210 | 51 |
| Proportion of deaths attributable to tobacco (%) | 12 | 12 | 10 | 8 | 4 | 9 | - | 7 | 8 | 3 | 2 | 4 |
| <u>Death rate: Communicable diseases</u> | 138 | 149 | 298 | 785 | 2,319 | 231 | 76 | 78 | 166 | 445 | 2,083 | 152 |
| Death rate attributable to tobacco | 2 | 3 | 13 | 45 | 118 | 8 | - | 1 | 4 | 10 | 53 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 4 | 6 | 5 | 4 | - | 1 | 2 | 2 | 3 | 2 |
| <u>Death rate: Tuberculosis</u> | 3 | 2 | 5 | 15 | 95 | 5 | 1 | 1 | 11 | 34 | - | 5 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 7 | 1 | - | 0 | 1 | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 8 | 8 | 9 | 7 | 11 | - | 3 | 5 | 3 | | 3 |
| <u>Death rate: Lower respiratory infections</u> | 8 | 27 | 115 | 347 | 1,071 | 62 | 3 | 18 | 36 | 200 | 1,153 | 47 |
| Death rate attributable to tobacco | 2 | 3 | 13 | 44 | 111 | 8 | - | 1 | 3 | 10 | 52 | 2 |
| Proportion of deaths attributable to tobacco (%) | 22 | 12 | 11 | 13 | 10 | 12 | - | 6 | 9 | 5 | 4 | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 223 | 903 | 2,713 | 6,221 | 14,349 | 1,281 | 153 | 584 | 1,799 | 4,742 | 11,304 | 1,037 |
| Death rate attributable to tobacco | 61 | 148 | 295 | 550 | 512 | 151 | - | 49 | 163 | 139 | 157 | 48 |
| Proportion of deaths attributable to tobacco (%) | 27 | 16 | 11 | 9 | 4 | 12 | - | 8 | 9 | 3 | 1 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 32 | 93 | 431 | 1,093 | 1,755 | 188 | 60 | 148 | 305 | 740 | 875 | 183 |
| Death rate attributable to tobacco | 5 | 23 | 100 | 212 | 235 | 38 | - | 7 | 25 | 27 | 26 | 8 |
| Proportion of deaths attributable to tobacco (%) | 17 | 25 | 23 | 19 | 13 | 20 | - | 5 | 8 | 4 | 3 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 25 | 84 | 185 | 189 | 33 | - | 11 | 35 | 44 | 55 | 12 |
| Death rate attributable to tobacco | 2 | 17 | 67 | 154 | 147 | 26 | - | 4 | 18 | 15 | 14 | 5 |
| Proportion of deaths attributable to tobacco (%) | 57 | 71 | 79 | 83 | 78 | 78 | | 37 | 53 | 33 | 26 | 41 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 69 | 346 | 908 | 1,566 | 155 | 60 | 137 | 270 | 696 | 820 | 171 |
| Death rate attributable to tobacco | 3 | 6 | 33 | 57 | 88 | 12 | - | 3 | 6 | 12 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 11 | 9 | 10 | 6 | 6 | 8 | - | 2 | 2 | 2 | 1 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 95 | 475 | 1,346 | 3,319 | 8,378 | 667 | 47 | 270 | 1,002 | 2,686 | 7,884 | 575 |
| Death rate attributable to tobacco | 52 | 116 | 151 | 219 | 62 | 92 | - | 41 | 120 | 92 | 81 | 35 |
| Proportion of deaths attributable to tobacco (%) | 55 | 24 | 11 | 7 | 1 | 14 | - | 15 | 12 | 3 | 1 | 6 |
| <u>Death rate: Ischaemic heart disease</u> | 30 | 203 | 563 | 1,192 | 2,016 | 242 | 14 | 84 | 358 | 710 | 1,650 | 160 |
| Death rate attributable to tobacco | 17 | 47 | 61 | 79 | 14 | 35 | - | 11 | 39 | 20 | 24 | 10 |
| Proportion of deaths attributable to tobacco (%) | 59 | 23 | 11 | 7 | 1 | 14 | - | 13 | 11 | 3 | 1 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 29 | 161 | 551 | 1,370 | 3,232 | 256 | 9 | 97 | 384 | 1,170 | 3,072 | 225 |
| Death rate attributable to tobacco | 12 | 39 | 59 | 81 | 22 | 29 | - | 16 | 49 | 45 | - | 14 |
| Proportion of deaths attributable to tobacco (%) | 40 | 24 | 11 | 6 | 1 | 11 | - | 16 | 13 | 4 | - | 6 |
| <u>Death rate: Other cardiovascular diseases</u> | 36 | 111 | 232 | 757 | 3,130 | 168 | 25 | 89 | 259 | 805 | 3,162 | 189 |
| Death rate attributable to tobacco | 23 | 30 | 30 | 59 | 27 | 28 | - | 14 | 33 | 27 | 57 | 11 |
| Proportion of deaths attributable to tobacco (%) | 64 | 27 | 13 | 8 | 1 | 17 | - | 15 | 13 | 3 | 2 | 6 |
| <u>Death rate: Respiratory diseases</u> | 4 | 25 | 115 | 288 | 867 | 53 | 4 | 11 | 63 | 151 | 353 | 31 |
| Death rate attributable to tobacco | 1 | 5 | 30 | 94 | 196 | 14 | - | 1 | 13 | 13 | 39 | 4 |
| Proportion of deaths attributable to tobacco (%) | 32 | 19 | 26 | 33 | 23 | 27 | - | 6 | 21 | 9 | 11 | 12 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 4 | 36 | 118 | 234 | 16 | 1 | - | 19 | 22 | 90 | 6 |
| Death rate attributable to tobacco | 1 | 2 | 21 | 72 | 131 | 10 | - | - | 9 | 7 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | 76 | 59 | 58 | 61 | 56 | 60 | - | | 47 | 32 | 31 | 36 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 22 | 79 | 170 | 633 | 36 | 3 | 11 | 43 | 129 | 263 | 25 |
| Death rate attributable to tobacco | 1 | 3 | 9 | 22 | 66 | 4 | - | 1 | 4 | 6 | 12 | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 12 | 11 | 13 | 10 | 12 | - | 6 | 9 | 5 | 4 | 5 |

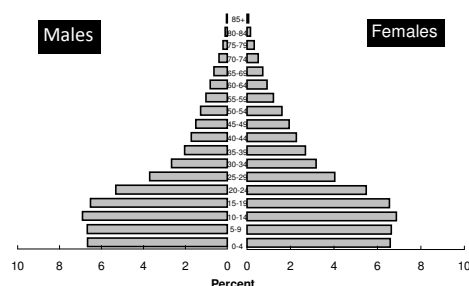
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Swaziland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 399 | 403 | 802 |
| 30-44 | 71 | 91 | 162 |
| 45-59 | 42 | 53 | 95 |
| 60-69 | 16 | 18 | 34 |
| 70-79 | 7 | 9 | 16 |
| 80+ | 2 | 3 | 4 |
| Total | 537 | 577 | 1,114 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (968 per 100,000 population) was about 0.4 times that for communicable diseases (2308 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 139 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 14 deaths per 100,000 population but with 62% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 5% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (160 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,871 | 2,934 | 3,583 | 7,290 | 19,520 | 3,418 |
| Death rate attributable to tobacco | - | 43 | 243 | 366 | 871 | 70 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 7 | 5 | 4 | 2 |
| Death rate: Communicable diseases | 2,649 | 2,166 | 1,062 | 1,526 | 5,574 | 2,308 |
| Death rate attributable to tobacco | - | 10 | 22 | 44 | 277 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 2 | 3 | 5 | 1 |
| Death rate: Tuberculosis | 111 | 226 | 388 | 489 | 434 | 200 |
| Death rate attributable to tobacco | - | 9 | 21 | 28 | 37 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 6 | 8 | 3 |
| Death rate: Lower respiratory infections | 10 | 49 | 66 | 537 | 3,194 | 98 |
| Death rate attributable to tobacco | - | 2 | 1 | 16 | 239 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 1 | 3 | 7 | 5 |
| Death rate: Noncommunicable diseases | 129 | 624 | 2,332 | 5,425 | 13,002 | 968 |
| Death rate attributable to tobacco | - | 33 | 221 | 322 | 594 | 59 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 9 | 6 | 5 | 6 |
| Death rate: All malignant neoplasms | 23 | 138 | 481 | 981 | 1,770 | 182 |
| Death rate attributable to tobacco | - | 11 | 79 | 117 | 233 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 16 | 12 | 13 | 12 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 10 | 46 | 80 | 118 | 14 |
| Death rate attributable to tobacco | - | 4 | 33 | 53 | 87 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 41 | 73 | 66 | 73 | 62 |
| Death rate: All other malignant neoplasms | 22 | 129 | 436 | 900 | 1,652 | 167 |
| Death rate attributable to tobacco | - | 7 | 46 | 63 | 146 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 10 | 7 | 9 | 7 |
| Death rate: All Cardiovascular diseases | 44 | 255 | 1,025 | 2,668 | 7,233 | 448 |
| Death rate attributable to tobacco | - | 14 | 66 | 66 | 37 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 2 | 1 | 3 |
| Death rate: Ischaemic heart disease | 7 | 82 | 385 | 847 | 1,874 | 139 |
| Death rate attributable to tobacco | - | 6 | 28 | 26 | 10 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 3 | 1 | 4 |
| Death rate: Cerebrovascular disease | 19 | 98 | 380 | 996 | 2,559 | 167 |
| Death rate attributable to tobacco | - | 5 | 21 | 19 | 11 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 2 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 19 | 76 | 260 | 824 | 2,800 | 141 |
| Death rate attributable to tobacco | - | 3 | 17 | 21 | 17 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 6 | 3 | 1 | 3 |
| Death rate: Respiratory diseases | 16 | 66 | 278 | 590 | 1,251 | 106 |
| Death rate attributable to tobacco | - | 7 | 72 | 131 | 304 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 26 | 22 | 24 | 20 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 25 | 139 | 303 | 587 | 48 |
| Death rate attributable to tobacco | - | 6 | 62 | 114 | 250 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 44 | 38 | 43 | 37 |
| Death rate: Other respiratory diseases | 14 | 41 | 139 | 287 | 664 | 59 |
| Death rate attributable to tobacco | - | 1 | 10 | 17 | 54 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 7 | 6 | 8 | 5 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,654 | 3,700 | 4,203 | 8,125 | 25,017 | 3,669 | 3,041 | 2,326 | 3,039 | 6,705 | 16,263 | 3,220 |
| Death rate attributable to tobacco | - | 97 | 521 | 888 | 2,341 | 160 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 12 | 11 | 9 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 2,466 | 2,913 | 1,164 | 1,538 | 7,311 | 2,460 | 2,794 | 1,574 | 973 | 1,517 | 4,545 | 2,187 |
| Death rate attributable to tobacco | - | 24 | 48 | 108 | 744 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 4 | 7 | 10 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 251 | 435 | 540 | 889 | 875 | 379 | - | 60 | 254 | 209 | 172 | 59 |
| Death rate attributable to tobacco | - | 20 | 46 | 69 | 98 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 8 | 8 | 11 | 4 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 8 | 61 | 18 | 355 | 4,137 | 88 | 12 | 40 | 108 | 664 | 2,634 | 106 |
| Death rate attributable to tobacco | - | 4 | 2 | 39 | 641 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 12 | 11 | 15 | 12 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 50 | 565 | 2,790 | 6,200 | 16,716 | 1,011 | 191 | 671 | 1,930 | 4,881 | 10,801 | 934 |
| Death rate attributable to tobacco | - | 74 | 473 | 780 | 1,597 | 133 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 17 | 13 | 10 | 13 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 6 | 115 | 601 | 1,301 | 2,886 | 203 | 37 | 157 | 376 | 756 | 1,109 | 164 |
| Death rate attributable to tobacco | - | 24 | 169 | 283 | 626 | 48 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 28 | 22 | 22 | 23 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 16 | 89 | 161 | 275 | 26 | 1 | 5 | 8 | 24 | 26 | 5 |
| Death rate attributable to tobacco | - | 9 | 71 | 130 | 233 | 20 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 56 | 81 | 81 | 85 | 75 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 5 | 99 | 513 | 1,141 | 2,612 | 177 | 36 | 153 | 368 | 732 | 1,083 | 160 |
| Death rate attributable to tobacco | - | 15 | 98 | 153 | 394 | 28 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 19 | 13 | 15 | 16 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 15 | 223 | 1,159 | 2,748 | 8,476 | 439 | 67 | 280 | 907 | 2,612 | 6,497 | 455 |
| Death rate attributable to tobacco | - | 32 | 140 | 159 | 101 | 35 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 12 | 6 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 4 | 97 | 509 | 1,114 | 2,581 | 174 | 9 | 69 | 276 | 661 | 1,456 | 112 |
| Death rate attributable to tobacco | - | 13 | 59 | 63 | 28 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 12 | 6 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 79 | 401 | 919 | 2,689 | 148 | 29 | 112 | 362 | 1,051 | 2,482 | 182 |
| Death rate attributable to tobacco | - | 11 | 46 | 46 | 29 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 14 | 11 | 5 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 6 | 47 | 250 | 715 | 3,206 | 117 | 29 | 99 | 270 | 901 | 2,559 | 161 |
| Death rate attributable to tobacco | - | 8 | 36 | 51 | 44 | 9 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 14 | 7 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Respiratory diseases</i> | 6 | 76 | 406 | 866 | 1,942 | 137 | 24 | 59 | 165 | 395 | 841 | 82 |
| Death rate attributable to tobacco | - | 17 | 154 | 319 | 818 | 48 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 38 | 37 | 42 | 35 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 2 | 33 | 222 | 486 | 1,010 | 72 | 4 | 18 | 66 | 174 | 335 | 29 |
| Death rate attributable to tobacco | - | 14 | 132 | 277 | 673 | 41 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 43 | 59 | 57 | 67 | 57 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 5 | 42 | 184 | 380 | 932 | 66 | 20 | 40 | 99 | 221 | 506 | 53 |
| Death rate attributable to tobacco | - | 3 | 22 | 41 | 144 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 12 | 11 | 15 | 11 | - | - | - | - | - | - |

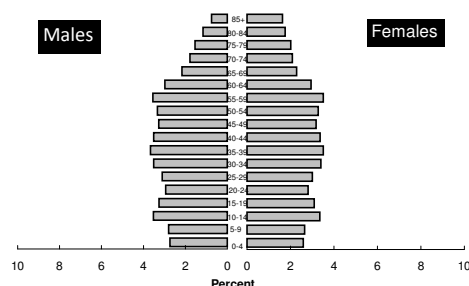
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Sweden

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,652 | 1,574 | 3,227 |
| 30-44 | 961 | 924 | 1,885 |
| 45-59 | 914 | 897 | 1,811 |
| 60-69 | 462 | 471 | 933 |
| 70-79 | 299 | 368 | 667 |
| 80+ | 171 | 305 | 475 |
| Total | 4,459 | 4,539 | 8,998 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1361 per 100,000 population) was about 18 times that for communicable diseases (75 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 334 deaths per 100,000 population aged 30 years and over, with 7% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 52 deaths per 100,000 population but with 77% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 14% of all lower respiratory infection deaths and 10% of all tuberculosis deaths.

- The death rate due to tobacco in men was (152 per 100,000 men aged 30 years and over) compared with women (141 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 9% for women.

- Among those who died prematurely, almost one in every 75 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 16.5% of those whose death was due to a lower respiratory infection, 31.1% of deaths due to the category of 'all cardiovascular diseases combined', and 73.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 76 | 343 | 1,020 | 2,945 | 10,513 | 1,504 |
| Death rate attributable to tobacco | 1 | 60 | 197 | 418 | 573 | 147 |
| Proportion of deaths attributable to tobacco (%) | 1 | 18 | 19 | 14 | 5 | 10 |
| Death rate: Communicable diseases | 3 | 10 | 22 | 101 | 682 | 75 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 11 | 66 | 7 |
| Proportion of deaths attributable to tobacco (%) | 0 | 9 | 9 | 11 | 10 | 10 |
| Death rate: Tuberculosis | - | 0 | 1 | 4 | 11 | 2 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 12 | 12 | 11 | 8 | 10 |
| Death rate: Lower respiratory infections | 1 | 5 | 11 | 61 | 483 | 51 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 10 | 65 | 7 |
| Proportion of deaths attributable to tobacco (%) | 1 | 16 | 17 | 17 | 13 | 14 |
| Death rate: Noncommunicable diseases | 45 | 288 | 949 | 2,762 | 9,516 | 1,361 |
| Death rate attributable to tobacco | 1 | 59 | 195 | 407 | 506 | 139 |
| Proportion of deaths attributable to tobacco (%) | 2 | 21 | 21 | 15 | 5 | 10 |
| Death rate: All malignant neoplasms | 19 | 139 | 427 | 941 | 1,527 | 353 |
| Death rate attributable to tobacco | 0 | 27 | 100 | 180 | 160 | 59 |
| Proportion of deaths attributable to tobacco (%) | 2 | 20 | 23 | 19 | 10 | 17 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 26 | 91 | 154 | 136 | 52 |
| Death rate attributable to tobacco | 0 | 19 | 74 | 124 | 95 | 40 |
| Proportion of deaths attributable to tobacco (%) | 16 | 73 | 81 | 80 | 70 | 77 |
| Death rate: All other malignant neoplasms | 17 | 113 | 336 | 787 | 1,391 | 301 |
| Death rate attributable to tobacco | 0 | 8 | 26 | 56 | 65 | 19 |
| Proportion of deaths attributable to tobacco (%) | 1 | 7 | 8 | 7 | 5 | 6 |
| Death rate: All Cardiovascular diseases | 11 | 89 | 352 | 1,245 | 5,624 | 696 |
| Death rate attributable to tobacco | 0 | 28 | 68 | 136 | 162 | 49 |
| Proportion of deaths attributable to tobacco (%) | 4 | 31 | 19 | 11 | 3 | 7 |
| Death rate: Ischaemic heart disease | 4 | 52 | 212 | 670 | 2,479 | 334 |
| Death rate attributable to tobacco | 0 | 15 | 37 | 65 | 79 | 24 |
| Proportion of deaths attributable to tobacco (%) | 2 | 28 | 17 | 10 | 3 | 7 |
| Death rate: Cerebrovascular disease | 2 | 17 | 70 | 289 | 1,372 | 164 |
| Death rate attributable to tobacco | 0 | 6 | 15 | 35 | 4 | 9 |
| Proportion of deaths attributable to tobacco (%) | 9 | 35 | 21 | 12 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 5 | 20 | 70 | 286 | 1,773 | 198 |
| Death rate attributable to tobacco | 0 | 7 | 16 | 37 | 79 | 16 |
| Proportion of deaths attributable to tobacco (%) | 3 | 35 | 23 | 13 | 4 | 8 |
| Death rate: Respiratory diseases | 1 | 7 | 43 | 147 | 370 | 57 |
| Death rate attributable to tobacco | 0 | 3 | 25 | 85 | 172 | 29 |
| Proportion of deaths attributable to tobacco (%) | 10 | 51 | 59 | 58 | 46 | 51 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 4 | 34 | 118 | 260 | 42 |
| Death rate attributable to tobacco | 0 | 3 | 24 | 80 | 157 | 27 |
| Proportion of deaths attributable to tobacco (%) | 19 | 70 | 70 | 68 | 61 | 64 |
| Death rate: Other respiratory diseases | 1 | 3 | 9 | 29 | 111 | 15 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 5 | 15 | 2 |
| Proportion of deaths attributable to tobacco (%) | 6 | 17 | 17 | 17 | 13 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 95 | 416 | 1,265 | 3,728 | 12,196 | 1,516 | 56 | 269 | 781 | 2,310 | 9,568 | 1,493 |
| Death rate attributable to tobacco | - | 65 | 222 | 508 | 668 | 152 | 2 | 55 | 173 | 346 | 519 | 141 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 18 | 14 | 5 | 10 | 4 | 20 | 22 | 15 | 5 | 9 |
| <u>Death rate: Communicable diseases</u> | 4 | 13 | 27 | 125 | 797 | 72 | 2 | 8 | 17 | 81 | 618 | 79 |
| Death rate attributable to tobacco | - | 1 | 2 | 12 | 71 | 6 | 0 | 1 | 2 | 10 | 63 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 10 | 9 | 9 | 2 | 12 | 11 | 12 | 10 | 10 |
| <u>Death rate: Tuberculosis</u> | - | 0 | 0 | 5 | 14 | 1 | - | 0 | 1 | 4 | 10 | 2 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 | - | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 10 | 10 | 9 | 9 | - | 14 | 14 | 12 | 8 | 10 |
| <u>Death rate: Lower respiratory infections</u> | 2 | 7 | 15 | 82 | 587 | 50 | 0 | 4 | 7 | 43 | 425 | 51 |
| Death rate attributable to tobacco | - | 1 | 2 | 12 | 70 | 6 | 0 | 1 | 2 | 9 | 62 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 14 | 14 | 12 | 12 | 7 | 24 | 24 | 21 | 15 | 16 |
| <u>Death rate: Noncommunicable diseases</u> | 49 | 336 | 1,165 | 3,487 | 10,975 | 1,357 | 40 | 239 | 736 | 2,174 | 8,698 | 1,365 |
| Death rate attributable to tobacco | - | 64 | 219 | 496 | 597 | 146 | 2 | 54 | 171 | 336 | 456 | 133 |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 19 | 14 | 5 | 11 | 5 | 23 | 23 | 15 | 5 | 10 |
| <u>Death rate: All malignant neoplasms</u> | 14 | 131 | 459 | 1,158 | 2,165 | 378 | 24 | 148 | 395 | 765 | 1,170 | 330 |
| Death rate attributable to tobacco | - | 29 | 123 | 261 | 279 | 74 | 1 | 26 | 78 | 115 | 93 | 44 |
| Proportion of deaths attributable to tobacco (%) | - | 22 | 27 | 23 | 13 | 20 | 4 | 17 | 20 | 15 | 8 | 13 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 25 | 105 | 210 | 214 | 61 | 2 | 27 | 77 | 108 | 93 | 44 |
| Death rate attributable to tobacco | - | 18 | 87 | 179 | 172 | 50 | 1 | 20 | 61 | 78 | 52 | 31 |
| Proportion of deaths attributable to tobacco (%) | - | 72 | 83 | 85 | 80 | 81 | 25 | 75 | 79 | 72 | 57 | 70 |
| <u>Death rate: All other malignant neoplasms</u> | 13 | 105 | 355 | 947 | 1,951 | 317 | 22 | 121 | 318 | 657 | 1,077 | 286 |
| Death rate attributable to tobacco | - | 11 | 36 | 81 | 107 | 25 | 0 | 6 | 17 | 36 | 41 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 10 | 9 | 5 | 8 | 2 | 5 | 5 | 6 | 4 | 5 |
| <u>Death rate: All Cardiovascular diseases</u> | 15 | 128 | 502 | 1,644 | 6,293 | 688 | 7 | 50 | 204 | 921 | 5,249 | 703 |
| Death rate attributable to tobacco | - | 33 | 72 | 130 | 54 | 40 | 1 | 23 | 63 | 142 | 222 | 58 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 14 | 8 | 1 | 6 | 12 | 46 | 31 | 15 | 4 | 8 |
| <u>Death rate: Ischaemic heart disease</u> | 7 | 80 | 326 | 966 | 3,096 | 373 | 2 | 22 | 100 | 430 | 2,133 | 296 |
| Death rate attributable to tobacco | - | 19 | 45 | 74 | 25 | 23 | 0 | 10 | 29 | 57 | 109 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 14 | 8 | 1 | 6 | 8 | 43 | 29 | 13 | 5 | 9 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 20 | 86 | 334 | 1,331 | 138 | 2 | 15 | 55 | 252 | 1,396 | 188 |
| Death rate attributable to tobacco | - | 5 | 12 | 23 | 11 | 7 | 0 | 7 | 18 | 45 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 14 | 7 | 1 | 5 | 20 | 49 | 32 | 18 | - | 6 |
| <u>Death rate: Other cardiovascular diseases</u> | 6 | 28 | 91 | 344 | 1,866 | 177 | 3 | 12 | 48 | 239 | 1,720 | 219 |
| Death rate attributable to tobacco | - | 8 | 16 | 33 | 19 | 10 | 0 | 6 | 17 | 40 | 113 | 21 |
| Proportion of deaths attributable to tobacco (%) | - | 29 | 17 | 10 | 1 | 6 | 10 | 49 | 34 | 17 | 7 | 10 |
| <u>Death rate: Respiratory diseases</u> | 1 | 6 | 44 | 183 | 533 | 61 | 2 | 8 | 42 | 117 | 279 | 53 |
| Death rate attributable to tobacco | - | 2 | 22 | 98 | 249 | 30 | 0 | 5 | 28 | 74 | 129 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 36 | 50 | 54 | 47 | 49 | 15 | 61 | 67 | 63 | 46 | 54 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 3 | 32 | 143 | 389 | 45 | 0 | 6 | 36 | 97 | 187 | 39 |
| Death rate attributable to tobacco | - | 2 | 20 | 93 | 232 | 28 | 0 | 4 | 27 | 70 | 115 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 60 | 64 | 65 | 60 | 62 | 43 | 75 | 75 | 72 | 62 | 67 |
| <u>Death rate: Other respiratory diseases</u> | 0 | 3 | 12 | 40 | 144 | 16 | 1 | 2 | 6 | 20 | 92 | 14 |
| Death rate attributable to tobacco | - | 0 | 2 | 6 | 17 | 2 | 0 | 1 | 1 | 4 | 13 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 14 | 14 | 12 | 13 | 7 | 24 | 24 | 21 | 15 | 17 |

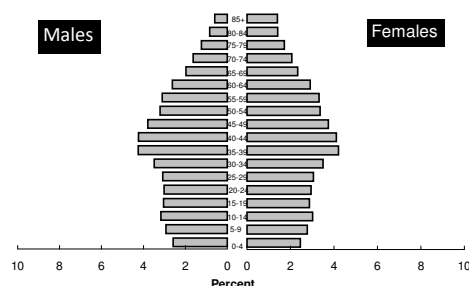
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Switzerland

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,317 | 1,266 | 2,583 |
| 30-44 | 885 | 874 | 1,759 |
| 45-59 | 747 | 771 | 1,518 |
| 60-69 | 339 | 388 | 727 |
| 70-79 | 212 | 279 | 491 |
| 80+ | 107 | 208 | 314 |
| Total | 3,607 | 3,785 | 7,392 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1124 per 100,000 population) was about 22.8 times that for communicable diseases (49 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 12% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 220 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 61 deaths per 100,000 population but with 82% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 17% of all lower respiratory infection deaths and 12% of all tuberculosis deaths.

- The death rate due to tobacco in men was (218 per 100,000 men aged 30 years and over) compared with women (94 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 8% for women.

- Among those who died prematurely, almost one in every 11 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 24.9% of those whose death was due to a lower respiratory infection, 45% of deaths due to the category of 'all cardiovascular diseases combined', and 81.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 88 | 328 | 937 | 2,621 | 10,612 | 1,238 |
| Death rate attributable to tobacco | 8 | 82 | 223 | 436 | 705 | 153 |
| Proportion of deaths attributable to tobacco (%) | 9 | 25 | 24 | 17 | 7 | 12 |
| Death rate: Communicable diseases | 6 | 8 | 19 | 81 | 512 | 49 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 10 | 63 | 6 |
| Proportion of deaths attributable to tobacco (%) | 2 | 9 | 11 | 12 | 12 | 12 |
| Death rate: Tuberculosis | - | 0 | 1 | 1 | 5 | 1 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 18 | 14 | 12 | 10 | 12 |
| Death rate: Lower respiratory infections | 1 | 3 | 10 | 47 | 396 | 33 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 9 | 61 | 6 |
| Proportion of deaths attributable to tobacco (%) | 16 | 25 | 22 | 20 | 15 | 17 |
| Death rate: Noncommunicable diseases | 55 | 278 | 862 | 2,441 | 9,741 | 1,124 |
| Death rate attributable to tobacco | 8 | 81 | 221 | 427 | 642 | 147 |
| Proportion of deaths attributable to tobacco (%) | 14 | 29 | 26 | 17 | 7 | 13 |
| Death rate: All malignant neoplasms | 24 | 155 | 473 | 961 | 1,688 | 338 |
| Death rate attributable to tobacco | 2 | 48 | 143 | 229 | 238 | 76 |
| Proportion of deaths attributable to tobacco (%) | 10 | 31 | 30 | 24 | 14 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 38 | 118 | 185 | 178 | 61 |
| Death rate attributable to tobacco | 1 | 31 | 101 | 155 | 137 | 50 |
| Proportion of deaths attributable to tobacco (%) | 44 | 82 | 86 | 84 | 77 | 82 |
| Death rate: All other malignant neoplasms | 21 | 117 | 356 | 776 | 1,510 | 276 |
| Death rate attributable to tobacco | 1 | 17 | 42 | 74 | 100 | 26 |
| Proportion of deaths attributable to tobacco (%) | 5 | 15 | 12 | 10 | 7 | 9 |
| Death rate: All Cardiovascular diseases | 12 | 66 | 218 | 871 | 5,271 | 492 |
| Death rate attributable to tobacco | 5 | 30 | 54 | 107 | 160 | 41 |
| Proportion of deaths attributable to tobacco (%) | 42 | 45 | 25 | 12 | 3 | 8 |
| Death rate: Ischaemic heart disease | 5 | 33 | 111 | 428 | 2,255 | 220 |
| Death rate attributable to tobacco | 2 | 14 | 26 | 48 | 72 | 19 |
| Proportion of deaths attributable to tobacco (%) | 47 | 42 | 23 | 11 | 3 | 9 |
| Death rate: Cerebrovascular disease | 2 | 10 | 34 | 178 | 1,029 | 95 |
| Death rate attributable to tobacco | 1 | 5 | 8 | 22 | 5 | 6 |
| Proportion of deaths attributable to tobacco (%) | 32 | 46 | 24 | 12 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 5 | 22 | 73 | 266 | 1,986 | 177 |
| Death rate attributable to tobacco | 2 | 11 | 20 | 37 | 83 | 17 |
| Proportion of deaths attributable to tobacco (%) | 41 | 49 | 28 | 14 | 4 | 9 |
| Death rate: Respiratory diseases | 1 | 6 | 35 | 144 | 436 | 50 |
| Death rate attributable to tobacco | 0 | 3 | 22 | 83 | 222 | 27 |
| Proportion of deaths attributable to tobacco (%) | 21 | 57 | 62 | 58 | 51 | 54 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 3 | 27 | 105 | 297 | 35 |
| Death rate attributable to tobacco | 0 | 3 | 20 | 76 | 200 | 25 |
| Proportion of deaths attributable to tobacco (%) | 69 | 77 | 74 | 72 | 67 | 70 |
| Death rate: Other respiratory diseases | 1 | 2 | 8 | 39 | 138 | 15 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 8 | 22 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 25 | 22 | 20 | 16 | 18 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 112 | 412 | 1,249 | 3,475 | 12,168 | 1,251 | 63 | 246 | 663 | 1,973 | 9,813 | 1,227 |
| Death rate attributable to tobacco | 13 | 118 | 357 | 711 | 1,195 | 218 | 3 | 47 | 106 | 228 | 454 | 94 |
| Proportion of deaths attributable to tobacco (%) | 11 | 29 | 29 | 20 | 10 | 17 | 4 | 19 | 16 | 12 | 5 | 8 |
| <u>Death rate: Communicable diseases</u> | 7 | 12 | 22 | 104 | 559 | 46 | 4 | 5 | 17 | 63 | 487 | 53 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 14 | 93 | 6 | 0 | 1 | 1 | 6 | 47 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 7 | 14 | 13 | 17 | 14 | 1 | 13 | 8 | 10 | 10 | 10 |
| <u>Death rate: Tuberculosis</u> | - | 0 | 1 | 2 | 6 | 1 | - | - | 1 | 1 | 4 | 1 |
| Death rate attributable to tobacco | - | 0 | 0 | 0 | 1 | 0 | - | - | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | | 18 | 17 | 15 | 15 | 16 | | | 11 | 10 | 7 | 8 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 3 | 13 | 64 | 451 | 30 | 0 | 3 | 7 | 35 | 368 | 36 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 13 | 91 | 6 | 0 | 1 | 1 | 6 | 46 | 5 |
| Proportion of deaths attributable to tobacco (%) | 17 | 24 | 23 | 21 | 20 | 21 | 13 | 26 | 19 | 18 | 12 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 65 | 343 | 1,151 | 3,238 | 11,166 | 1,127 | 46 | 215 | 610 | 1,837 | 9,009 | 1,122 |
| Death rate attributable to tobacco | 13 | 117 | 354 | 698 | 1,102 | 211 | 3 | 47 | 104 | 221 | 406 | 89 |
| Proportion of deaths attributable to tobacco (%) | 19 | 34 | 31 | 22 | 10 | 19 | 6 | 22 | 17 | 12 | 5 | 8 |
| <u>Death rate: All malignant neoplasms</u> | 22 | 169 | 592 | 1,288 | 2,506 | 387 | 26 | 141 | 369 | 714 | 1,268 | 293 |
| Death rate attributable to tobacco | 3 | 69 | 238 | 410 | 536 | 122 | 1 | 28 | 59 | 92 | 84 | 35 |
| Proportion of deaths attributable to tobacco (%) | 15 | 41 | 40 | 32 | 21 | 32 | 5 | 20 | 16 | 13 | 7 | 12 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 47 | 180 | 307 | 362 | 89 | 3 | 29 | 63 | 93 | 84 | 37 |
| Death rate attributable to tobacco | 2 | 40 | 163 | 276 | 319 | 78 | 1 | 22 | 46 | 63 | 44 | 25 |
| Proportion of deaths attributable to tobacco (%) | 49 | 85 | 90 | 90 | 88 | 88 | 37 | 77 | 74 | 68 | 52 | 68 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 121 | 412 | 980 | 2,145 | 298 | 24 | 112 | 306 | 621 | 1,184 | 256 |
| Death rate attributable to tobacco | 2 | 29 | 75 | 133 | 217 | 44 | 0 | 5 | 13 | 28 | 41 | 10 |
| Proportion of deaths attributable to tobacco (%) | 9 | 24 | 18 | 14 | 10 | 15 | 2 | 5 | 4 | 5 | 3 | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 18 | 100 | 332 | 1,180 | 5,646 | 461 | 7 | 32 | 118 | 638 | 5,078 | 520 |
| Death rate attributable to tobacco | 9 | 44 | 81 | 140 | 91 | 47 | 1 | 16 | 31 | 81 | 196 | 35 |
| Proportion of deaths attributable to tobacco (%) | 50 | 43 | 24 | 12 | 2 | 10 | 20 | 50 | 26 | 13 | 4 | 7 |
| <u>Death rate: Ischaemic heart disease</u> | 10 | 56 | 181 | 631 | 2,607 | 228 | 1 | 11 | 50 | 274 | 2,074 | 213 |
| Death rate attributable to tobacco | 5 | 23 | 42 | 71 | 38 | 24 | 0 | 5 | 12 | 30 | 90 | 14 |
| Proportion of deaths attributable to tobacco (%) | 50 | 41 | 23 | 11 | 1 | 10 | 13 | 45 | 24 | 11 | 4 | 7 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 12 | 45 | 215 | 1,008 | 78 | 2 | 9 | 24 | 149 | 1,040 | 109 |
| Death rate attributable to tobacco | 1 | 5 | 10 | 22 | 15 | 6 | 1 | 4 | 6 | 22 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 32 | 42 | 23 | 10 | 1 | 8 | 31 | 52 | 27 | 15 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 6 | 32 | 106 | 334 | 2,031 | 154 | 4 | 13 | 45 | 214 | 1,963 | 198 |
| Death rate attributable to tobacco | 4 | 15 | 29 | 47 | 38 | 17 | 1 | 7 | 13 | 29 | 106 | 16 |
| Proportion of deaths attributable to tobacco (%) | 57 | 47 | 28 | 14 | 2 | 11 | 17 | 52 | 28 | 14 | 5 | 8 |
| <u>Death rate: Respiratory diseases</u> | 1 | 7 | 50 | 228 | 746 | 66 | 0 | 5 | 22 | 80 | 276 | 37 |
| Death rate attributable to tobacco | 0 | 4 | 31 | 137 | 441 | 39 | 0 | 3 | 14 | 43 | 110 | 17 |
| Proportion of deaths attributable to tobacco (%) | 26 | 57 | 63 | 60 | 59 | 60 | 13 | 56 | 62 | 54 | 40 | 46 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 4 | 37 | 168 | 548 | 48 | - | 3 | 19 | 58 | 169 | 24 |
| Death rate attributable to tobacco | 0 | 3 | 28 | 124 | 401 | 35 | - | 2 | 13 | 39 | 97 | 15 |
| Proportion of deaths attributable to tobacco (%) | 69 | 77 | 77 | 74 | 73 | 74 | | 77 | 69 | 67 | 57 | 62 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 3 | 13 | 61 | 199 | 18 | 0 | 2 | 3 | 22 | 108 | 13 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 13 | 40 | 4 | 0 | 1 | 1 | 4 | 13 | 2 |
| Proportion of deaths attributable to tobacco (%) | 17 | 24 | 23 | 21 | 20 | 21 | 13 | 26 | 19 | 18 | 12 | 14 |

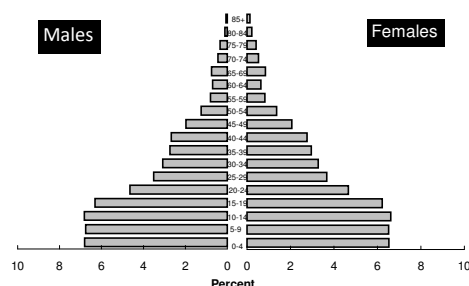
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Tajikistan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,253 | 2,213 | 4,467 |
| 30-44 | 549 | 582 | 1,131 |
| 45-59 | 259 | 275 | 534 |
| 60-69 | 94 | 96 | 190 |
| 70-79 | 51 | 61 | 112 |
| 80+ | 11 | 22 | 33 |
| Total | 3,218 | 3,250 | 6,467 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1202 per 100,000 population) was about 8 times that for communicable diseases (151 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 378 deaths per 100,000 population aged 30 years and over, with 3% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 11 deaths per 100,000 population but with 43% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (59 per 100,000 men aged 30 years and over) compared with women (43 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 3% for women.

- Among those who died prematurely, almost one in every 22 deaths among those aged 30-44 and one in 13 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.5% of those whose death was due to a lower respiratory infection, 12.3% of deaths due to the category of 'all cardiovascular diseases combined', and 42.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 171 | 738 | 3,339 | 7,822 | 20,485 | 1,391 |
| Death rate attributable to tobacco | 8 | 57 | 214 | 166 | 59 | 50 |
| Proportion of deaths attributable to tobacco (%) | 5 | 8 | 6 | 2 | 0 | 4 |
| Death rate: Communicable diseases | 68 | 127 | 344 | 510 | 1,035 | 151 |
| Death rate attributable to tobacco | 2 | 4 | 12 | 10 | 4 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 4 | 2 | 0 | 3 |
| Death rate: Tuberculosis | 52 | 104 | 219 | 278 | 211 | 97 |
| Death rate attributable to tobacco | 2 | 3 | 7 | 7 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | 3 | 3 | 3 | 3 | 1 | 3 |
| Death rate: Lower respiratory infections | 3 | 10 | 90 | 196 | 712 | 36 |
| Death rate attributable to tobacco | 0 | 1 | 5 | 3 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 8 | 6 | 5 | 1 | 0 | 2 |
| Death rate: Noncommunicable diseases | 81 | 567 | 2,930 | 7,219 | 19,311 | 1,202 |
| Death rate attributable to tobacco | 6 | 53 | 202 | 156 | 55 | 46 |
| Proportion of deaths attributable to tobacco (%) | 7 | 9 | 7 | 2 | 0 | 4 |
| Death rate: All malignant neoplasms | 21 | 107 | 333 | 548 | 602 | 113 |
| Death rate attributable to tobacco | 2 | 10 | 40 | 46 | 13 | 10 |
| Proportion of deaths attributable to tobacco (%) | 8 | 9 | 12 | 8 | 2 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 12 | 36 | 52 | 34 | 11 |
| Death rate attributable to tobacco | 1 | 5 | 19 | 22 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | 31 | 42 | 53 | 43 | 19 | 43 |
| Death rate: All other malignant neoplasms | 19 | 95 | 297 | 496 | 568 | 101 |
| Death rate attributable to tobacco | 1 | 5 | 20 | 24 | 6 | 5 |
| Proportion of deaths attributable to tobacco (%) | 6 | 5 | 7 | 5 | 1 | 5 |
| Death rate: All Cardiovascular diseases | 23 | 305 | 2,063 | 5,561 | 16,190 | 872 |
| Death rate attributable to tobacco | 3 | 37 | 126 | 59 | 6 | 27 |
| Proportion of deaths attributable to tobacco (%) | 14 | 12 | 6 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 9 | 133 | 952 | 2,376 | 6,817 | 378 |
| Death rate attributable to tobacco | 1 | 15 | 54 | 27 | 2 | 11 |
| Proportion of deaths attributable to tobacco (%) | 9 | 11 | 6 | 1 | 0 | 3 |
| Death rate: Cerebrovascular disease | 3 | 57 | 383 | 1,026 | 2,503 | 153 |
| Death rate attributable to tobacco | 1 | 8 | 25 | 9 | 1 | 5 |
| Proportion of deaths attributable to tobacco (%) | 27 | 14 | 6 | 1 | 0 | 4 |
| Death rate: Other cardiovascular diseases | 11 | 115 | 728 | 2,159 | 6,871 | 342 |
| Death rate attributable to tobacco | 1 | 15 | 48 | 24 | 3 | 11 |
| Proportion of deaths attributable to tobacco (%) | 14 | 13 | 7 | 1 | 0 | 3 |
| Death rate: Respiratory diseases | 4 | 24 | 155 | 474 | 1,435 | 74 |
| Death rate attributable to tobacco | 1 | 5 | 34 | 49 | 36 | 9 |
| Proportion of deaths attributable to tobacco (%) | 22 | 23 | 22 | 10 | 3 | 12 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 14 | 85 | 240 | 715 | 38 |
| Death rate attributable to tobacco | 1 | 5 | 30 | 44 | 33 | 8 |
| Proportion of deaths attributable to tobacco (%) | 41 | 36 | 36 | 18 | 5 | 20 |
| Death rate: Other respiratory diseases | 3 | 10 | 70 | 234 | 720 | 36 |
| Death rate attributable to tobacco | 0 | 1 | 4 | 5 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 11 | 5 | 5 | 2 | 0 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 176 | 799 | 3,496 | 8,359 | 20,851 | 1,339 | 166 | 681 | 3,185 | 7,375 | 20,301 | 1,440 |
| Death rate attributable to tobacco | - | 57 | 224 | 366 | 176 | 59 | 15 | 57 | 204 | - | - | 43 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 6 | 4 | 1 | 4 | 9 | 8 | 6 | - | - | 3 |
| <u>Death rate: Communicable diseases</u> | 85 | 182 | 470 | 683 | 992 | 190 | 53 | 74 | 221 | 365 | 1,057 | 114 |
| Death rate attributable to tobacco | - | 6 | 17 | 23 | 12 | 5 | 4 | 2 | 8 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 1 | 2 | 7 | 3 | 4 | - | - | 3 |
| <u>Death rate: Tuberculosis</u> | 72 | 170 | 368 | 527 | 477 | 156 | 33 | 41 | 73 | 71 | 77 | 42 |
| Death rate attributable to tobacco | - | 6 | 13 | 16 | 5 | 4 | 3 | 1 | 2 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 3 | 1 | 2 | 9 | 3 | 3 | - | - | 5 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 4 | 72 | 133 | 426 | 22 | 2 | 16 | 109 | 249 | 855 | 49 |
| Death rate attributable to tobacco | - | 0 | 4 | 6 | 6 | 1 | 0 | 1 | 6 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 4 | 2 | 4 | 17 | 6 | 5 | - | - | 2 |
| <u>Death rate: Noncommunicable diseases</u> | 62 | 550 | 2,927 | 7,554 | 19,755 | 1,097 | 98 | 583 | 2,933 | 6,941 | 19,087 | 1,300 |
| Death rate attributable to tobacco | - | 51 | 207 | 343 | 164 | 54 | 12 | 55 | 197 | - | - | 39 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 7 | 5 | 1 | 5 | 12 | 9 | 7 | - | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 11 | 88 | 349 | 691 | 719 | 108 | 31 | 125 | 318 | 429 | 543 | 117 |
| Death rate attributable to tobacco | - | 12 | 58 | 101 | 38 | 15 | 3 | 8 | 22 | - | - | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 17 | 15 | 5 | 13 | 11 | 6 | 7 | - | - | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 14 | 46 | 80 | 62 | 14 | 3 | 11 | 27 | 29 | 20 | 9 |
| Death rate attributable to tobacco | - | 7 | 28 | 49 | 20 | 7 | 1 | 4 | 10 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 48 | 62 | 61 | 32 | 53 | 45 | 36 | 39 | - | - | 30 |
| <u>Death rate: All other malignant neoplasms</u> | 9 | 74 | 303 | 611 | 657 | 95 | 28 | 114 | 291 | 400 | 523 | 108 |
| Death rate attributable to tobacco | - | 5 | 30 | 52 | 19 | 7 | 2 | 4 | 11 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 10 | 8 | 3 | 8 | 7 | 3 | 4 | - | - | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 18 | 313 | 2,053 | 5,674 | 16,705 | 788 | 28 | 297 | 2,072 | 5,467 | 15,931 | 951 |
| Death rate attributable to tobacco | - | 34 | 106 | 131 | 17 | 26 | 6 | 41 | 145 | - | - | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 5 | 2 | 0 | 3 | 22 | 14 | 7 | - | - | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 9 | 164 | 1,043 | 2,656 | 7,092 | 373 | 9 | 105 | 864 | 2,143 | 6,678 | 383 |
| Death rate attributable to tobacco | - | 17 | 51 | 59 | 6 | 13 | 2 | 13 | 56 | - | - | 10 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 5 | 2 | 0 | 3 | 17 | 12 | 6 | - | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 2 | 46 | 337 | 956 | 2,782 | 129 | 4 | 67 | 427 | 1,084 | 2,362 | 174 |
| Death rate attributable to tobacco | - | 5 | 16 | 19 | 3 | 4 | 2 | 10 | 32 | - | - | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 5 | 2 | 0 | 3 | 37 | 15 | 8 | - | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 7 | 103 | 674 | 2,062 | 6,832 | 286 | 14 | 126 | 781 | 2,241 | 6,890 | 394 |
| Death rate attributable to tobacco | - | 12 | 38 | 53 | 8 | 10 | 3 | 18 | 57 | - | - | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 6 | 3 | 0 | 3 | 20 | 14 | 7 | - | - | 3 |
| <u>Death rate: Respiratory diseases</u> | 3 | 23 | 169 | 520 | 1,286 | 67 | 6 | 25 | 143 | 436 | 1,510 | 81 |
| Death rate attributable to tobacco | - | 5 | 40 | 108 | 109 | 12 | 2 | 6 | 28 | - | - | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 24 | 21 | 8 | 18 | 33 | 22 | 19 | - | - | 6 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 14 | 100 | 291 | 694 | 37 | 2 | 13 | 71 | 198 | 726 | 38 |
| Death rate attributable to tobacco | - | 5 | 37 | 98 | 100 | 11 | 1 | 5 | 24 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 35 | 37 | 34 | 14 | 30 | 65 | 36 | 34 | - | - | 11 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 9 | 68 | 229 | 592 | 29 | 4 | 11 | 72 | 238 | 784 | 43 |
| Death rate attributable to tobacco | - | 0 | 3 | 10 | 9 | 1 | 1 | 1 | 4 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 4 | 2 | 4 | 17 | 6 | 5 | - | - | 2 |

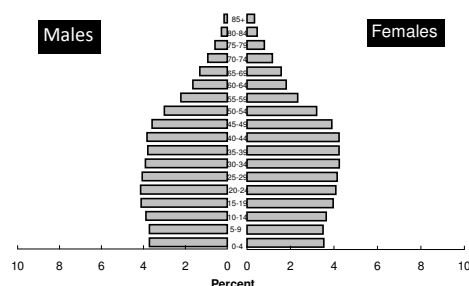
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Thailand

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 14,782 | 14,307 | 29,089 |
| 30-44 | 7,208 | 7,951 | 15,159 |
| 45-59 | 5,507 | 5,903 | 11,410 |
| 60-69 | 1,852 | 2,115 | 3,967 |
| 70-79 | 942 | 1,225 | 2,167 |
| 80+ | 270 | 504 | 773 |
| Total | 30,561 | 32,004 | 62,565 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (892 per 100,000 population) was about 3 times that for communicable diseases (296 per 100,000). Tobacco was responsible for 18% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 76 deaths per 100,000 population aged 30 years and over, with 16% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 40 deaths per 100,000 population but with 80% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 15% of all tuberculosis deaths.

- The death rate due to tobacco in men was (228 per 100,000 men aged 30 years and over) compared with women (126 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 11% for women.

- Among those who died prematurely, almost one in every 19 deaths among those aged 30-44 and one in 7 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 19.9% of those whose death was due to a lower respiratory infection, 38.6% of deaths due to the category of 'all cardiovascular diseases combined', and 77.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 478 | 846 | 1,955 | 4,460 | 11,551 | 1,292 |
| Death rate attributable to tobacco | 25 | 118 | 358 | 760 | 1,335 | 174 |
| Proportion of deaths attributable to tobacco (%) | 5 | 14 | 18 | 17 | 12 | 13 |
| Death rate: Communicable diseases | 287 | 201 | 194 | 502 | 1,831 | 296 |
| Death rate attributable to tobacco | 5 | 6 | 12 | 31 | 141 | 11 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 6 | 6 | 8 | 4 |
| Death rate: Tuberculosis | 22 | 27 | 28 | 30 | 35 | 25 |
| Death rate attributable to tobacco | 3 | 4 | 4 | 4 | 4 | 4 |
| Proportion of deaths attributable to tobacco (%) | 16 | 14 | 14 | 13 | 12 | 15 |
| Death rate: Lower respiratory infections | 8 | 9 | 40 | 145 | 769 | 39 |
| Death rate attributable to tobacco | 2 | 2 | 8 | 27 | 134 | 7 |
| Proportion of deaths attributable to tobacco (%) | 23 | 20 | 20 | 18 | 17 | 19 |
| Death rate: Noncommunicable diseases | 117 | 541 | 1,618 | 3,781 | 9,455 | 892 |
| Death rate attributable to tobacco | 19 | 113 | 346 | 728 | 1,194 | 163 |
| Proportion of deaths attributable to tobacco (%) | 16 | 21 | 21 | 19 | 13 | 18 |
| Death rate: All malignant neoplasms | 37 | 206 | 527 | 908 | 1,439 | 241 |
| Death rate attributable to tobacco | 6 | 50 | 160 | 255 | 285 | 62 |
| Proportion of deaths attributable to tobacco (%) | 16 | 24 | 30 | 28 | 20 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 31 | 104 | 171 | 177 | 40 |
| Death rate attributable to tobacco | 2 | 24 | 87 | 141 | 136 | 32 |
| Proportion of deaths attributable to tobacco (%) | 57 | 77 | 84 | 82 | 77 | 80 |
| Death rate: All other malignant neoplasms | 34 | 175 | 422 | 737 | 1,263 | 202 |
| Death rate attributable to tobacco | 4 | 27 | 72 | 114 | 149 | 30 |
| Proportion of deaths attributable to tobacco (%) | 12 | 15 | 17 | 15 | 12 | 15 |
| Death rate: All Cardiovascular diseases | 21 | 121 | 429 | 1,301 | 4,079 | 280 |
| Death rate attributable to tobacco | 10 | 47 | 96 | 157 | 90 | 44 |
| Proportion of deaths attributable to tobacco (%) | 45 | 39 | 22 | 12 | 2 | 16 |
| Death rate: Ischaemic heart disease | 5 | 34 | 132 | 366 | 978 | 76 |
| Death rate attributable to tobacco | 2 | 12 | 28 | 39 | 45 | 12 |
| Proportion of deaths attributable to tobacco (%) | 48 | 36 | 21 | 11 | 5 | 16 |
| Death rate: Cerebrovascular disease | 11 | 71 | 250 | 801 | 2,510 | 169 |
| Death rate attributable to tobacco | 5 | 28 | 56 | 101 | 9 | 25 |
| Proportion of deaths attributable to tobacco (%) | 44 | 39 | 23 | 13 | 0 | 15 |
| Death rate: Other cardiovascular diseases | 5 | 17 | 47 | 134 | 591 | 36 |
| Death rate attributable to tobacco | 2 | 7 | 12 | 17 | 37 | 7 |
| Proportion of deaths attributable to tobacco (%) | 46 | 41 | 25 | 13 | 6 | 19 |
| Death rate: Respiratory diseases | 12 | 30 | 146 | 495 | 1,401 | 97 |
| Death rate attributable to tobacco | 3 | 12 | 76 | 285 | 765 | 51 |
| Proportion of deaths attributable to tobacco (%) | 25 | 40 | 52 | 57 | 55 | 52 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 12 | 90 | 374 | 1,023 | 63 |
| Death rate attributable to tobacco | 0 | 8 | 65 | 262 | 699 | 44 |
| Proportion of deaths attributable to tobacco (%) | 77 | 72 | 72 | 70 | 68 | 70 |
| Death rate: Other respiratory diseases | 11 | 19 | 56 | 121 | 378 | 35 |
| Death rate attributable to tobacco | 3 | 4 | 11 | 22 | 66 | 7 |
| Proportion of deaths attributable to tobacco (%) | 23 | 20 | 20 | 18 | 17 | 19 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 667 | 1,051 | 2,257 | 4,963 | 11,346 | 1,427 | 306 | 653 | 1,691 | 4,073 | 11,661 | 1,171 |
| Death rate attributable to tobacco | 34 | 162 | 502 | 1,055 | 2,014 | 228 | 16 | 78 | 233 | 533 | 971 | 126 |
| Proportion of deaths attributable to tobacco (%) | 5 | 15 | 22 | 21 | 18 | 16 | 5 | 12 | 14 | 13 | 8 | 11 |
| <u>Death rate: Communicable diseases</u> | 435 | 312 | 233 | 532 | 1,531 | 393 | 152 | 98 | 160 | 480 | 1,991 | 210 |
| Death rate attributable to tobacco | 7 | 9 | 18 | 39 | 133 | 13 | 4 | 2 | 7 | 25 | 144 | 9 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 8 | 7 | 9 | 3 | 2 | 2 | 4 | 5 | 7 | 4 |
| <u>Death rate: Tuberculosis</u> | 26 | 41 | 47 | 52 | 63 | 36 | 17 | 13 | 11 | 13 | 20 | 15 |
| Death rate attributable to tobacco | 5 | 6 | 7 | 7 | 8 | 6 | 2 | 1 | 1 | 1 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 18 | 15 | 15 | 13 | 13 | 16 | 13 | 10 | 10 | 10 | 10 | 12 |
| <u>Death rate: Lower respiratory infections</u> | 11 | 12 | 50 | 168 | 687 | 37 | 6 | 6 | 31 | 127 | 812 | 40 |
| Death rate attributable to tobacco | 3 | 3 | 10 | 31 | 120 | 7 | 1 | 1 | 6 | 23 | 141 | 7 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 21 | 18 | 17 | 19 | 22 | 18 | 18 | 18 | 17 | 18 |
| <u>Death rate: Noncommunicable diseases</u> | 130 | 601 | 1,833 | 4,211 | 9,511 | 898 | 106 | 484 | 1,430 | 3,451 | 9,425 | 887 |
| Death rate attributable to tobacco | 27 | 153 | 484 | 1,016 | 1,881 | 215 | 13 | 75 | 226 | 507 | 827 | 116 |
| Proportion of deaths attributable to tobacco (%) | 20 | 25 | 26 | 24 | 20 | 24 | 12 | 16 | 16 | 15 | 9 | 13 |
| <u>Death rate: All malignant neoplasms</u> | 33 | 222 | 642 | 1,163 | 1,685 | 266 | 42 | 191 | 426 | 712 | 1,308 | 220 |
| Death rate attributable to tobacco | 9 | 78 | 257 | 426 | 510 | 95 | 4 | 24 | 74 | 123 | 164 | 32 |
| Proportion of deaths attributable to tobacco (%) | 26 | 35 | 40 | 37 | 30 | 36 | 9 | 13 | 17 | 17 | 13 | 15 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 41 | 155 | 270 | 310 | 56 | 3 | 21 | 60 | 95 | 105 | 25 |
| Death rate attributable to tobacco | 3 | 34 | 138 | 239 | 268 | 48 | 2 | 14 | 43 | 65 | 65 | 17 |
| Proportion of deaths attributable to tobacco (%) | 60 | 83 | 89 | 89 | 86 | 86 | 53 | 67 | 72 | 69 | 62 | 67 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 180 | 486 | 893 | 1,375 | 210 | 39 | 170 | 367 | 617 | 1,203 | 195 |
| Death rate attributable to tobacco | 6 | 44 | 119 | 187 | 242 | 47 | 2 | 11 | 31 | 57 | 99 | 15 |
| Proportion of deaths attributable to tobacco (%) | 21 | 24 | 25 | 21 | 18 | 23 | 5 | 6 | 8 | 9 | 8 | 8 |
| <u>Death rate: All Cardiovascular diseases</u> | 25 | 141 | 485 | 1,334 | 3,350 | 255 | 18 | 102 | 379 | 1,275 | 4,470 | 303 |
| Death rate attributable to tobacco | 13 | 54 | 99 | 127 | 42 | 45 | 6 | 40 | 93 | 180 | 115 | 43 |
| Proportion of deaths attributable to tobacco (%) | 53 | 38 | 20 | 10 | 1 | 18 | 36 | 39 | 25 | 14 | 3 | 14 |
| <u>Death rate: Ischaemic heart disease</u> | 7 | 46 | 157 | 408 | 953 | 78 | 3 | 22 | 110 | 333 | 992 | 73 |
| Death rate attributable to tobacco | 4 | 17 | 32 | 40 | 12 | 14 | 1 | 8 | 24 | 38 | 62 | 10 |
| Proportion of deaths attributable to tobacco (%) | 61 | 37 | 20 | 10 | 1 | 18 | 23 | 34 | 22 | 11 | 6 | 14 |
| <u>Death rate: Cerebrovascular disease</u> | 13 | 80 | 282 | 770 | 2,015 | 147 | 9 | 62 | 221 | 825 | 2,774 | 187 |
| Death rate attributable to tobacco | 6 | 31 | 56 | 68 | 25 | 24 | 4 | 25 | 56 | 126 | - | 26 |
| Proportion of deaths attributable to tobacco (%) | 43 | 38 | 20 | 9 | 1 | 16 | 46 | 40 | 25 | 15 | - | 14 |
| <u>Death rate: Other cardiovascular diseases</u> | 5 | 15 | 46 | 155 | 381 | 29 | 5 | 18 | 48 | 117 | 703 | 42 |
| Death rate attributable to tobacco | 3 | 7 | 11 | 18 | 6 | 6 | 1 | 7 | 13 | 16 | 53 | 7 |
| Proportion of deaths attributable to tobacco (%) | 67 | 43 | 24 | 12 | 2 | 22 | 27 | 40 | 26 | 14 | 8 | 17 |
| <u>Death rate: Respiratory diseases</u> | 15 | 40 | 204 | 718 | 2,165 | 125 | 9 | 22 | 95 | 324 | 992 | 73 |
| Death rate attributable to tobacco | 4 | 17 | 114 | 434 | 1,274 | 69 | 2 | 7 | 43 | 170 | 493 | 34 |
| Proportion of deaths attributable to tobacco (%) | 27 | 43 | 56 | 60 | 59 | 55 | 23 | 33 | 45 | 52 | 50 | 47 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 17 | 135 | 574 | 1,715 | 86 | 0 | 7 | 51 | 221 | 653 | 42 |
| Death rate attributable to tobacco | 1 | 12 | 100 | 408 | 1,195 | 61 | 0 | 4 | 35 | 151 | 434 | 28 |
| Proportion of deaths attributable to tobacco (%) | 78 | 74 | 74 | 71 | 70 | 71 | 72 | 68 | 68 | 68 | 66 | 67 |
| <u>Death rate: Other respiratory diseases</u> | 14 | 23 | 69 | 144 | 450 | 39 | 9 | 15 | 44 | 103 | 339 | 31 |
| Death rate attributable to tobacco | 3 | 5 | 14 | 27 | 79 | 8 | 2 | 3 | 8 | 19 | 59 | 6 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 21 | 18 | 17 | 20 | 22 | 18 | 18 | 18 | 17 | 18 |

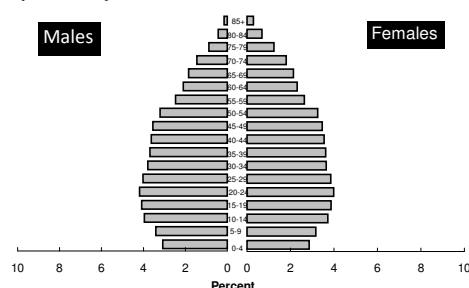
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

The former Yugoslav Republic of Macedonia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 462 | 436 | 897 |
| 30-44 | 225 | 220 | 445 |
| 45-59 | 188 | 190 | 377 |
| 60-69 | 80 | 90 | 170 |
| 70-79 | 47 | 62 | 109 |
| 80+ | 12 | 20 | 32 |
| Total | 1,014 | 1,017 | 2,030 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1555 per 100,000 population) was about 70.8 times that for communicable diseases (22 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 233 deaths per 100,000 population aged 30 years and over, with 22% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 64 deaths per 100,000 population but with 85% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 20% of all tuberculosis deaths.

- The death rate due to tobacco in men was (436 per 100,000 men aged 30 years and over) compared with women (73 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 5% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 31.9% of those whose death was due to a lower respiratory infection, 50.3% of deaths due to the category of 'all cardiovascular diseases combined', and 88.1% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 257 | 704 | 2,121 | 5,783 | 16,270 | 1,668 |
| Death rate attributable to tobacco | 59 | 242 | 466 | 656 | 460 | 250 |
| Proportion of deaths attributable to tobacco (%) | 23 | 34 | 22 | 11 | 3 | 15 |
| Death rate: Communicable diseases | 6 | 10 | 26 | 72 | 182 | 22 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 8 | 13 | 3 |
| Proportion of deaths attributable to tobacco (%) | 21 | 20 | 16 | 11 | 7 | 14 |
| Death rate: Tuberculosis | 2 | 6 | 15 | 22 | 20 | 8 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 3 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | 29 | 30 | 19 | 12 | 8 | 20 |
| Death rate: Lower respiratory infections | 2 | 1 | 6 | 35 | 134 | 9 |
| Death rate attributable to tobacco | 1 | 0 | 1 | 5 | 11 | 1 |
| Proportion of deaths attributable to tobacco (%) | 36 | 32 | 26 | 15 | 8 | 16 |
| Death rate: Noncommunicable diseases | 144 | 633 | 2,015 | 5,598 | 15,882 | 1,555 |
| Death rate attributable to tobacco | 58 | 240 | 461 | 648 | 448 | 247 |
| Proportion of deaths attributable to tobacco (%) | 40 | 38 | 23 | 12 | 3 | 16 |
| Death rate: All malignant neoplasms | 57 | 254 | 560 | 919 | 1,072 | 310 |
| Death rate attributable to tobacco | 17 | 88 | 170 | 203 | 115 | 84 |
| Proportion of deaths attributable to tobacco (%) | 30 | 35 | 30 | 22 | 11 | 27 |
| Death rate: Trachea, bronchus, lung cancers | 14 | 59 | 136 | 167 | 106 | 64 |
| Death rate attributable to tobacco | 12 | 52 | 119 | 137 | 65 | 55 |
| Proportion of deaths attributable to tobacco (%) | 88 | 88 | 88 | 82 | 61 | 85 |
| Death rate: All other malignant neoplasms | 43 | 195 | 424 | 752 | 965 | 245 |
| Death rate attributable to tobacco | 5 | 36 | 51 | 66 | 50 | 29 |
| Proportion of deaths attributable to tobacco (%) | 11 | 19 | 12 | 9 | 5 | 12 |
| Death rate: All Cardiovascular diseases | 61 | 280 | 1,139 | 3,898 | 13,137 | 1,033 |
| Death rate attributable to tobacco | 39 | 141 | 251 | 329 | 143 | 136 |
| Proportion of deaths attributable to tobacco (%) | 63 | 50 | 22 | 8 | 1 | 13 |
| Death rate: Ischaemic heart disease | 30 | 133 | 392 | 794 | 1,490 | 233 |
| Death rate attributable to tobacco | 20 | 69 | 87 | 66 | 16 | 51 |
| Proportion of deaths attributable to tobacco (%) | 68 | 52 | 22 | 8 | 1 | 22 |
| Death rate: Cerebrovascular disease | 19 | 93 | 433 | 1,557 | 3,784 | 359 |
| Death rate attributable to tobacco | 10 | 44 | 89 | 120 | 10 | 44 |
| Proportion of deaths attributable to tobacco (%) | 54 | 47 | 21 | 8 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 12 | 54 | 313 | 1,546 | 7,863 | 440 |
| Death rate attributable to tobacco | 8 | 28 | 75 | 143 | 116 | 41 |
| Proportion of deaths attributable to tobacco (%) | 68 | 51 | 24 | 9 | 1 | 9 |
| Death rate: Respiratory diseases | 2 | 15 | 77 | 247 | 663 | 60 |
| Death rate attributable to tobacco | 1 | 8 | 32 | 99 | 176 | 22 |
| Proportion of deaths attributable to tobacco (%) | 49 | 55 | 42 | 40 | 26 | 38 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 8 | 42 | 133 | 349 | 32 |
| Death rate attributable to tobacco | 1 | 6 | 25 | 83 | 156 | 18 |
| Proportion of deaths attributable to tobacco (%) | 75 | 75 | 61 | 62 | 45 | 58 |
| Death rate: Other respiratory diseases | 1 | 7 | 36 | 115 | 315 | 28 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 17 | 20 | 4 |
| Proportion of deaths attributable to tobacco (%) | 30 | 34 | 20 | 15 | 6 | 15 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 408 | 966 | 2,706 | 6,577 | 17,791 | 1,832 | 102 | 445 | 1,601 | 5,177 | 15,369 | 1,512 |
| Death rate attributable to tobacco | 111 | 439 | 876 | 1,147 | 750 | 436 | 6 | 46 | 101 | 282 | 288 | 73 |
| Proportion of deaths attributable to tobacco (%) | 27 | 45 | 32 | 17 | 4 | 24 | 6 | 10 | 6 | 5 | 2 | 5 |
| <u>Death rate: Communicable diseases</u> | 9 | 16 | 37 | 110 | 300 | 30 | 4 | 5 | 17 | 43 | 111 | 14 |
| Death rate attributable to tobacco | 3 | 4 | 9 | 16 | 27 | 6 | 0 | 0 | 0 | 2 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 28 | 25 | 23 | 14 | 9 | 18 | 4 | 3 | 2 | 5 | 3 | 4 |
| <u>Death rate: Tuberculosis</u> | 3 | 10 | 24 | 34 | 55 | 12 | 1 | 2 | 7 | 13 | - | 3 |
| Death rate attributable to tobacco | 1 | 3 | 6 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 34 | 24 | 16 | 8 | 25 | 4 | 4 | 3 | 4 | | 4 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 1 | 9 | 48 | 208 | 12 | 1 | 1 | 2 | 25 | 90 | 7 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 10 | 22 | 3 | 0 | 0 | 0 | 2 | 4 | 0 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 31 | 21 | 11 | 22 | 8 | 8 | 5 | 7 | 4 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 205 | 850 | 2,538 | 6,308 | 17,221 | 1,650 | 82 | 418 | 1,551 | 5,056 | 15,088 | 1,465 |
| Death rate attributable to tobacco | 109 | 435 | 868 | 1,132 | 723 | 430 | 6 | 46 | 101 | 279 | 284 | 72 |
| Proportion of deaths attributable to tobacco (%) | 53 | 51 | 34 | 18 | 4 | 26 | 7 | 11 | 7 | 6 | 2 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 70 | 331 | 755 | 1,243 | 1,521 | 389 | 44 | 178 | 387 | 672 | 805 | 234 |
| Death rate attributable to tobacco | 33 | 168 | 344 | 424 | 266 | 162 | 1 | 8 | 15 | 34 | 26 | 10 |
| Proportion of deaths attributable to tobacco (%) | 47 | 51 | 46 | 34 | 17 | 42 | 3 | 5 | 4 | 5 | 3 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 26 | 105 | 258 | 318 | 194 | 115 | 2 | 12 | 28 | 52 | 54 | 17 |
| Death rate attributable to tobacco | 24 | 98 | 241 | 287 | 152 | 106 | 1 | 6 | 11 | 22 | 14 | 7 |
| Proportion of deaths attributable to tobacco (%) | 93 | 93 | 93 | 90 | 78 | 92 | 27 | 45 | 40 | 42 | 26 | 40 |
| <u>Death rate: All other malignant neoplasms</u> | 45 | 226 | 497 | 925 | 1,327 | 275 | 42 | 166 | 359 | 620 | 751 | 217 |
| Death rate attributable to tobacco | 9 | 70 | 104 | 137 | 114 | 57 | 1 | 3 | 4 | 12 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 20 | 31 | 21 | 15 | 9 | 21 | 1 | 2 | 1 | 2 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 93 | 385 | 1,428 | 4,108 | 13,717 | 1,022 | 29 | 175 | 883 | 3,737 | 12,793 | 1,043 |
| Death rate attributable to tobacco | 73 | 248 | 456 | 506 | 113 | 226 | 4 | 35 | 70 | 195 | 161 | 50 |
| Proportion of deaths attributable to tobacco (%) | 79 | 64 | 32 | 12 | 1 | 22 | 14 | 20 | 8 | 5 | 1 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 48 | 204 | 535 | 1,016 | 1,821 | 292 | 12 | 63 | 266 | 625 | 1,294 | 177 |
| Death rate attributable to tobacco | 39 | 129 | 164 | 118 | 13 | 94 | 1 | 11 | 18 | 26 | 18 | 10 |
| Proportion of deaths attributable to tobacco (%) | 82 | 63 | 31 | 12 | 1 | 32 | 9 | 17 | 7 | 4 | 1 | 6 |
| <u>Death rate: Cerebrovascular disease</u> | 26 | 113 | 518 | 1,553 | 4,018 | 343 | 11 | 73 | 358 | 1,561 | 3,644 | 375 |
| Death rate attributable to tobacco | 18 | 72 | 157 | 162 | 28 | 69 | 2 | 16 | 29 | 88 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 68 | 64 | 30 | 10 | 1 | 20 | 21 | 21 | 8 | 6 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 69 | 375 | 1,540 | 7,878 | 386 | 6 | 40 | 259 | 1,552 | 7,854 | 491 |
| Death rate attributable to tobacco | 16 | 47 | 135 | 225 | 72 | 63 | 1 | 8 | 22 | 81 | 143 | 20 |
| Proportion of deaths attributable to tobacco (%) | 85 | 68 | 36 | 15 | 1 | 16 | 11 | 21 | 9 | 5 | 2 | 4 |
| <u>Death rate: Respiratory diseases</u> | 3 | 21 | 90 | 332 | 777 | 66 | 2 | 8 | 66 | 183 | 596 | 54 |
| Death rate attributable to tobacco | 2 | 14 | 53 | 173 | 322 | 35 | 0 | 3 | 14 | 43 | 89 | 11 |
| Proportion of deaths attributable to tobacco (%) | 68 | 66 | 59 | 52 | 42 | 52 | 22 | 30 | 22 | 23 | 15 | 20 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 10 | 48 | 192 | 521 | 39 | 1 | 5 | 36 | 87 | 246 | 25 |
| Death rate attributable to tobacco | 1 | 9 | 40 | 144 | 295 | 28 | 0 | 2 | 13 | 36 | 74 | 9 |
| Proportion of deaths attributable to tobacco (%) | 91 | 89 | 83 | 75 | 57 | 72 | 46 | 46 | 35 | 42 | 30 | 37 |
| <u>Death rate: Other respiratory diseases</u> | 1 | 11 | 42 | 140 | 255 | 28 | 1 | 4 | 30 | 96 | 350 | 28 |
| Death rate attributable to tobacco | 1 | 5 | 13 | 30 | 27 | 7 | 0 | 0 | 2 | 7 | 15 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 31 | 21 | 11 | 25 | 8 | 8 | 5 | 7 | 4 | 6 |

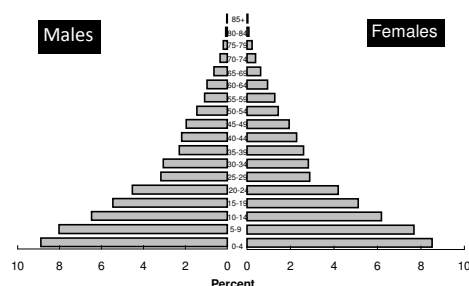
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Timor-Leste

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 370 | 350 | 721 |
| 30-44 | 76 | 78 | 154 |
| 45-59 | 46 | 47 | 93 |
| 60-69 | 16 | 16 | 32 |
| 70-79 | 5 | 6 | 12 |
| 80+ | 1 | 1 | 2 |
| Total | 515 | 499 | 1,013 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (796 per 100,000 population) was about 2.3 times that for communicable diseases (351 per 100,000). Tobacco was responsible for 17% of all NCDs compared with 7% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 209 deaths per 100,000 population aged 30 years and over, with 15% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 25 deaths per 100,000 population but with 74% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 15% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (239 per 100,000 men aged 30 years and over) compared with women (82 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 17% for men and 8% for women.

- Among those who died prematurely, almost one in every 13 deaths among those aged 30-44 and one in 8 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 8.2% of those whose death was due to a lower respiratory infection, 21.6% of deaths due to the category of 'all cardiovascular diseases combined', and 63.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 373 | 1,050 | 2,896 | 7,040 | 16,453 | 1,249 |
| Death rate attributable to tobacco | 29 | 139 | 510 | 834 | 1,419 | 159 |
| Proportion of deaths attributable to tobacco (%) | 8 | 13 | 18 | 12 | 9 | 13 |
| Death rate: Communicable diseases | 191 | 282 | 606 | 1,552 | 4,475 | 351 |
| Death rate attributable to tobacco | 10 | 19 | 52 | 84 | 371 | 23 |
| Proportion of deaths attributable to tobacco (%) | 5 | 7 | 9 | 5 | 8 | 7 |
| Death rate: Tuberculosis | 127 | 246 | 404 | 523 | 686 | 215 |
| Death rate attributable to tobacco | 10 | 19 | 49 | 53 | 74 | 19 |
| Proportion of deaths attributable to tobacco (%) | 8 | 8 | 12 | 10 | 11 | 9 |
| Death rate: Lower respiratory infections | 0 | 0 | 18 | 158 | 1,838 | 22 |
| Death rate attributable to tobacco | 0 | 0 | 2 | 24 | 284 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 8 | 11 | 15 | 15 | 15 |
| Death rate: Noncommunicable diseases | 100 | 663 | 2,173 | 5,257 | 11,438 | 796 |
| Death rate attributable to tobacco | 20 | 120 | 458 | 750 | 1,049 | 136 |
| Proportion of deaths attributable to tobacco (%) | 20 | 18 | 21 | 14 | 9 | 17 |
| Death rate: All malignant neoplasms | 20 | 131 | 394 | 651 | 1,169 | 130 |
| Death rate attributable to tobacco | 3 | 21 | 111 | 159 | 215 | 28 |
| Proportion of deaths attributable to tobacco (%) | 13 | 16 | 28 | 24 | 18 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 19 | 94 | 145 | 182 | 25 |
| Death rate attributable to tobacco | 1 | 12 | 77 | 115 | 141 | 18 |
| Proportion of deaths attributable to tobacco (%) | 34 | 63 | 82 | 79 | 77 | 74 |
| Death rate: All other malignant neoplasms | 17 | 112 | 300 | 505 | 986 | 105 |
| Death rate attributable to tobacco | 2 | 9 | 34 | 44 | 74 | 10 |
| Proportion of deaths attributable to tobacco (%) | 10 | 8 | 11 | 9 | 8 | 9 |
| Death rate: All Cardiovascular diseases | 43 | 314 | 1,202 | 3,124 | 6,966 | 430 |
| Death rate attributable to tobacco | 15 | 68 | 210 | 274 | 196 | 65 |
| Proportion of deaths attributable to tobacco (%) | 35 | 22 | 17 | 9 | 3 | 15 |
| Death rate: Ischaemic heart disease | 20 | 161 | 610 | 1,453 | 2,958 | 209 |
| Death rate attributable to tobacco | 7 | 34 | 103 | 118 | 92 | 31 |
| Proportion of deaths attributable to tobacco (%) | 37 | 21 | 17 | 8 | 3 | 15 |
| Death rate: Cerebrovascular disease | 6 | 68 | 315 | 861 | 1,709 | 106 |
| Death rate attributable to tobacco | 2 | 15 | 55 | 78 | 9 | 15 |
| Proportion of deaths attributable to tobacco (%) | 25 | 22 | 17 | 9 | 1 | 14 |
| Death rate: Other cardiovascular diseases | 16 | 85 | 277 | 810 | 2,299 | 115 |
| Death rate attributable to tobacco | 6 | 19 | 53 | 78 | 96 | 19 |
| Proportion of deaths attributable to tobacco (%) | 37 | 22 | 19 | 10 | 4 | 16 |
| Death rate: Respiratory diseases | 7 | 81 | 246 | 637 | 1,500 | 93 |
| Death rate attributable to tobacco | 2 | 30 | 129 | 303 | 609 | 41 |
| Proportion of deaths attributable to tobacco (%) | 24 | 37 | 52 | 48 | 41 | 44 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 56 | 177 | 428 | 761 | 61 |
| Death rate attributable to tobacco | 1 | 28 | 118 | 272 | 495 | 37 |
| Proportion of deaths attributable to tobacco (%) | 53 | 50 | 66 | 64 | 65 | 60 |
| Death rate: Other respiratory diseases | 5 | 25 | 69 | 210 | 738 | 32 |
| Death rate attributable to tobacco | 1 | 2 | 11 | 31 | 114 | 4 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 17 | 15 | 15 | 14 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 438 | 1,273 | 3,467 | 7,982 | 17,588 | 1,441 | 309 | 835 | 2,315 | 6,236 | 15,509 | 1,064 |
| Death rate attributable to tobacco | 55 | 223 | 760 | 1,137 | 1,698 | 239 | 5 | 58 | 256 | 575 | 1,187 | 82 |
| Proportion of deaths attributable to tobacco (%) | 12 | 17 | 22 | 14 | 10 | 17 | 2 | 7 | 11 | 9 | 8 | 8 |
| <u>Death rate: Communicable diseases</u> | 172 | 360 | 706 | 1,697 | 4,674 | 379 | 209 | 206 | 503 | 1,429 | 4,309 | 324 |
| Death rate attributable to tobacco | 17 | 34 | 88 | 147 | 469 | 38 | 2 | 4 | 17 | 30 | 289 | 8 |
| Proportion of deaths attributable to tobacco (%) | 10 | 9 | 12 | 9 | 10 | 10 | 1 | 2 | 3 | 2 | 7 | 2 |
| <u>Death rate: Tuberculosis</u> | 157 | 337 | 592 | 809 | 1,100 | 293 | 99 | 158 | 213 | 279 | 342 | 140 |
| Death rate attributable to tobacco | 17 | 34 | 85 | 92 | 131 | 34 | 2 | 4 | 12 | 20 | 28 | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 10 | 14 | 11 | 12 | 11 | 2 | 3 | 6 | 7 | 8 | 4 |
| <u>Death rate: Lower respiratory infections</u> | 0 | 0 | 3 | 284 | 1,950 | 24 | 0 | 0 | 34 | 50 | 1,744 | 20 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 45 | 319 | 4 | 0 | 0 | 4 | 7 | 254 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 14 | 20 | 16 | 16 | 16 | 4 | 5 | 11 | 13 | 15 | 14 |
| <u>Death rate: Noncommunicable diseases</u> | 141 | 766 | 2,613 | 6,023 | 12,319 | 918 | 61 | 563 | 1,724 | 4,603 | 10,705 | 676 |
| Death rate attributable to tobacco | 37 | 189 | 673 | 990 | 1,229 | 200 | 3 | 54 | 239 | 545 | 898 | 74 |
| Proportion of deaths attributable to tobacco (%) | 26 | 25 | 26 | 16 | 10 | 22 | 4 | 10 | 14 | 12 | 8 | 11 |
| <u>Death rate: All malignant neoplasms</u> | 23 | 123 | 465 | 780 | 1,262 | 141 | 17 | 139 | 320 | 540 | 1,092 | 119 |
| Death rate attributable to tobacco | 5 | 37 | 190 | 273 | 365 | 48 | 0 | 5 | 31 | 61 | 91 | 9 |
| Proportion of deaths attributable to tobacco (%) | 21 | 30 | 41 | 35 | 29 | 34 | 3 | 4 | 10 | 11 | 8 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 3 | 28 | 147 | 229 | 290 | 38 | 2 | 10 | 39 | 73 | 93 | 12 |
| Death rate attributable to tobacco | 1 | 21 | 130 | 198 | 248 | 31 | 0 | 3 | 23 | 44 | 53 | 6 |
| Proportion of deaths attributable to tobacco (%) | 46 | 75 | 88 | 86 | 85 | 83 | 16 | 33 | 58 | 59 | 57 | 48 |
| <u>Death rate: All other malignant neoplasms</u> | 20 | 95 | 318 | 551 | 972 | 103 | 15 | 129 | 281 | 466 | 999 | 107 |
| Death rate attributable to tobacco | 3 | 16 | 60 | 75 | 118 | 17 | 0 | 2 | 8 | 17 | 38 | 3 |
| Proportion of deaths attributable to tobacco (%) | 17 | 17 | 19 | 14 | 12 | 17 | 1 | 1 | 3 | 4 | 4 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 63 | 386 | 1,421 | 3,448 | 7,276 | 493 | 23 | 244 | 979 | 2,848 | 6,708 | 369 |
| Death rate attributable to tobacco | 29 | 107 | 280 | 292 | 89 | 92 | 1 | 30 | 139 | 259 | 286 | 38 |
| Proportion of deaths attributable to tobacco (%) | 46 | 28 | 20 | 8 | 1 | 19 | 6 | 12 | 14 | 9 | 4 | 10 |
| <u>Death rate: Ischaemic heart disease</u> | 31 | 212 | 741 | 1,712 | 3,327 | 253 | 10 | 112 | 477 | 1,232 | 2,651 | 165 |
| Death rate attributable to tobacco | 14 | 57 | 142 | 143 | 38 | 47 | 0 | 12 | 62 | 97 | 136 | 16 |
| Proportion of deaths attributable to tobacco (%) | 47 | 27 | 19 | 8 | 1 | 19 | 5 | 11 | 13 | 8 | 5 | 10 |
| <u>Death rate: Cerebrovascular disease</u> | 10 | 81 | 363 | 927 | 1,740 | 118 | 3 | 55 | 266 | 805 | 1,684 | 95 |
| Death rate attributable to tobacco | 3 | 22 | 69 | 69 | 20 | 19 | 0 | 8 | 40 | 86 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 30 | 27 | 19 | 7 | 1 | 16 | 12 | 14 | 15 | 11 | - | 11 |
| <u>Death rate: Other cardiovascular diseases</u> | 23 | 94 | 317 | 809 | 2,210 | 122 | 10 | 77 | 236 | 812 | 2,374 | 108 |
| Death rate attributable to tobacco | 12 | 28 | 69 | 80 | 31 | 26 | 1 | 10 | 36 | 77 | 150 | 12 |
| Proportion of deaths attributable to tobacco (%) | 52 | 30 | 22 | 10 | 1 | 21 | 6 | 13 | 15 | 9 | 6 | 11 |
| <u>Death rate: Respiratory diseases</u> | 10 | 89 | 330 | 807 | 1,658 | 112 | 5 | 73 | 161 | 492 | 1,368 | 75 |
| Death rate attributable to tobacco | 3 | 43 | 192 | 407 | 738 | 57 | 1 | 18 | 65 | 214 | 502 | 26 |
| Proportion of deaths attributable to tobacco (%) | 30 | 48 | 58 | 50 | 44 | 51 | 12 | 25 | 40 | 43 | 37 | 35 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 62 | 240 | 546 | 903 | 74 | 2 | 51 | 113 | 327 | 644 | 48 |
| Death rate attributable to tobacco | 2 | 39 | 174 | 366 | 614 | 51 | 1 | 17 | 60 | 192 | 397 | 23 |
| Proportion of deaths attributable to tobacco (%) | 66 | 64 | 73 | 67 | 68 | 68 | 30 | 33 | 53 | 59 | 62 | 49 |
| <u>Death rate: Other respiratory diseases</u> | 7 | 28 | 90 | 261 | 755 | 37 | 4 | 22 | 47 | 166 | 724 | 27 |
| Death rate attributable to tobacco | 1 | 4 | 18 | 41 | 124 | 6 | 0 | 1 | 5 | 22 | 106 | 3 |
| Proportion of deaths attributable to tobacco (%) | 15 | 14 | 20 | 16 | 16 | 16 | 4 | 5 | 11 | 13 | 15 | 10 |

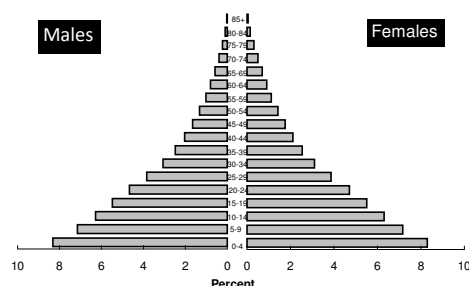
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Togo

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,170 | 2,177 | 4,348 |
| 30-44 | 460 | 470 | 931 |
| 45-59 | 242 | 261 | 503 |
| 60-69 | 84 | 98 | 182 |
| 70-79 | 38 | 50 | 87 |
| 80+ | 8 | 12 | 20 |
| Total | 3,003 | 3,068 | 6,071 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1090 per 100,000 population) was about 1.4 times that for communicable diseases (766 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 152 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 41% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (68 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 934 | 1,649 | 3,510 | 7,890 | 17,802 | 1,961 |
| Death rate attributable to tobacco | - | 43 | 94 | 147 | 287 | 33 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 623 | 737 | 975 | 1,542 | 2,908 | 766 |
| Death rate attributable to tobacco | - | 7 | 13 | 18 | 46 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 1 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 143 | 169 | 226 | 282 | 265 | 168 |
| Death rate attributable to tobacco | - | 4 | 5 | 5 | 6 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 2 | 1 |
| Death rate: Lower respiratory infections | 6 | 99 | 331 | 697 | 1,621 | 121 |
| Death rate attributable to tobacco | - | 3 | 9 | 13 | 39 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 2 | 2 |
| Death rate: Noncommunicable diseases | 223 | 811 | 2,404 | 6,139 | 14,599 | 1,090 |
| Death rate attributable to tobacco | - | 36 | 80 | 129 | 241 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | 2 | 3 |
| Death rate: All malignant neoplasms | 35 | 175 | 494 | 1,106 | 1,981 | 201 |
| Death rate attributable to tobacco | - | 8 | 21 | 33 | 63 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 3 | 3 | 3 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 7 | 23 | 41 | 56 | 8 |
| Death rate attributable to tobacco | - | 3 | 11 | 17 | 27 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 40 | 48 | 41 | 48 | 41 |
| Death rate: All other malignant neoplasms | 34 | 168 | 471 | 1,065 | 1,925 | 193 |
| Death rate attributable to tobacco | - | 5 | 11 | 16 | 37 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 2 | 2 | 2 |
| Death rate: All Cardiovascular diseases | 74 | 328 | 1,062 | 3,028 | 8,140 | 495 |
| Death rate attributable to tobacco | - | 18 | 22 | 23 | 11 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 14 | 110 | 388 | 942 | 2,049 | 152 |
| Death rate attributable to tobacco | - | 7 | 9 | 9 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 30 | 123 | 392 | 1,121 | 2,883 | 183 |
| Death rate attributable to tobacco | - | 6 | 7 | 7 | 3 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 30 | 96 | 282 | 965 | 3,208 | 160 |
| Death rate attributable to tobacco | - | 5 | 6 | 8 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 29 | 91 | 281 | 662 | 1,384 | 121 |
| Death rate attributable to tobacco | - | 10 | 35 | 70 | 160 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 13 | 11 | 12 | 10 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 36 | 139 | 339 | 646 | 53 |
| Death rate attributable to tobacco | - | 9 | 32 | 64 | 143 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 23 | 19 | 22 | 20 |
| Death rate: Other respiratory diseases | 23 | 56 | 142 | 323 | 738 | 69 |
| Death rate attributable to tobacco | - | 1 | 3 | 6 | 18 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 2 | 2 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 957 | 1,949 | 4,118 | 8,748 | 19,936 | 2,094 | 912 | 1,369 | 2,987 | 7,238 | 16,455 | 1,838 |
| Death rate attributable to tobacco | - | 88 | 203 | 341 | 742 | 68 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 5 | 4 | 4 | 3 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 588 | 891 | 1,253 | 1,896 | 3,550 | 830 | 657 | 593 | 736 | 1,273 | 2,502 | 707 |
| Death rate attributable to tobacco | - | 14 | 29 | 42 | 119 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 3 | 1 | - | - | - | - | - | - |
| <u>Death rate: Tuberculosis</u> | 219 | 266 | 334 | 435 | 458 | 257 | 68 | 79 | 133 | 165 | 144 | 85 |
| Death rate attributable to tobacco | - | 8 | 10 | 11 | 17 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 2 | 4 | 2 | - | - | - | - | - | - |
| <u>Death rate: Lower respiratory infections</u> | 6 | 115 | 443 | 858 | 1,962 | 138 | 7 | 85 | 234 | 574 | 1,406 | 105 |
| Death rate attributable to tobacco | - | 5 | 19 | 31 | 101 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 4 | 5 | 4 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 230 | 899 | 2,683 | 6,552 | 16,036 | 1,105 | 216 | 729 | 2,163 | 5,825 | 13,692 | 1,076 |
| Death rate attributable to tobacco | - | 75 | 174 | 299 | 623 | 59 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 6 | 5 | 4 | 5 | - | - | - | - | - | - |
| <u>Death rate: All malignant neoplasms</u> | 28 | 181 | 578 | 1,374 | 2,866 | 215 | 42 | 170 | 421 | 903 | 1,422 | 188 |
| Death rate attributable to tobacco | - | 16 | 46 | 77 | 163 | 14 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 8 | 6 | 6 | 7 | - | - | - | - | - | - |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 13 | 41 | 70 | 111 | 13 | 0 | 2 | 7 | 19 | 21 | 3 |
| Death rate attributable to tobacco | - | 6 | 23 | 39 | 69 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 46 | 57 | 56 | 62 | 51 | - | - | - | - | - | - |
| <u>Death rate: All other malignant neoplasms</u> | 27 | 168 | 538 | 1,303 | 2,755 | 203 | 41 | 169 | 414 | 884 | 1,402 | 185 |
| Death rate attributable to tobacco | - | 10 | 23 | 38 | 94 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 4 | 3 | 3 | 4 | - | - | - | - | - | - |
| <u>Death rate: All Cardiovascular diseases</u> | 72 | 354 | 1,113 | 2,910 | 8,027 | 461 | 76 | 304 | 1,018 | 3,117 | 8,211 | 526 |
| Death rate attributable to tobacco | - | 36 | 48 | 54 | 29 | 18 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Ischaemic heart disease</u> | 17 | 148 | 483 | 1,159 | 2,425 | 177 | 10 | 74 | 305 | 778 | 1,812 | 128 |
| Death rate attributable to tobacco | - | 14 | 20 | 21 | 8 | 7 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Cerebrovascular disease</u> | 28 | 125 | 382 | 966 | 2,530 | 158 | 32 | 120 | 401 | 1,239 | 3,105 | 207 |
| Death rate attributable to tobacco | - | 13 | 15 | 15 | 8 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Other cardiovascular diseases</u> | 27 | 80 | 248 | 785 | 3,072 | 127 | 34 | 110 | 312 | 1,101 | 3,294 | 190 |
| Death rate attributable to tobacco | - | 10 | 13 | 18 | 13 | 5 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 5 | 2 | 0 | 4 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 30 | 121 | 392 | 912 | 1,881 | 150 | 28 | 64 | 185 | 472 | 1,069 | 94 |
| Death rate attributable to tobacco | - | 21 | 76 | 162 | 415 | 25 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 20 | 18 | 22 | 17 | - | - | - | - | - | - |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 7 | 52 | 214 | 512 | 991 | 73 | 5 | 20 | 74 | 208 | 428 | 34 |
| Death rate attributable to tobacco | - | 18 | 69 | 148 | 369 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 34 | 32 | 29 | 37 | 30 | - | - | - | - | - | - |
| <u>Death rate: Other respiratory diseases</u> | 23 | 69 | 178 | 400 | 890 | 77 | 23 | 44 | 111 | 264 | 641 | 61 |
| Death rate attributable to tobacco | - | 3 | 7 | 14 | 46 | 3 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 4 | 5 | 4 | - | - | - | - | - | - |

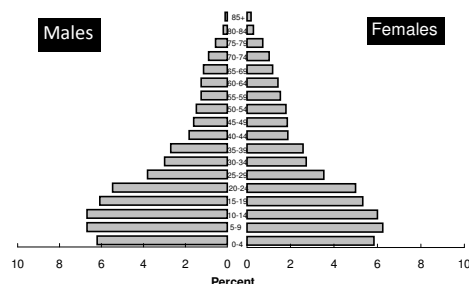
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Tonga

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|-----------|-----------|-----------|
| 0-29 | 35 | 32 | 66 |
| 30-44 | 7 | 7 | 15 |
| 45-59 | 4 | 5 | 9 |
| 60-69 | 2 | 3 | 5 |
| 70-79 | 1 | 2 | 3 |
| 80+ | 0 | 0 | 1 |
| Total | 50 | 49 | 99 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1288 per 100,000 population) was about 4.6 times that for communicable diseases (281 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 198 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 21 deaths per 100,000 population but with 57% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 11% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (97 per 100,000 men aged 30 years and over) compared with women (137 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 7% for men and 8% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 14 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.8% of those whose death was due to a lower respiratory infection, 12.6% of deaths due to the category of 'all cardiovascular diseases combined', and 34.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 228 | 847 | 2,373 | 5,714 | 15,012 | 1,601 |
| Death rate attributable to tobacco | 27 | 61 | 124 | 363 | 1,486 | 118 |
| Proportion of deaths attributable to tobacco (%) | 12 | 7 | 5 | 6 | 10 | 7 |
| Death rate: Communicable diseases | 38 | 127 | 371 | 1,087 | 2,889 | 281 |
| Death rate attributable to tobacco | 3 | 1 | 3 | 19 | 151 | 7 |
| Proportion of deaths attributable to tobacco (%) | 7 | 1 | 1 | 2 | 5 | 3 |
| Death rate: Tuberculosis | 4 | 8 | 13 | 14 | 7 | 8 |
| Death rate attributable to tobacco | 1 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 16 | 3 | 3 | 4 | 12 | 6 |
| Death rate: Lower respiratory infections | 7 | 18 | 59 | 288 | 758 | 63 |
| Death rate attributable to tobacco | 2 | 1 | 2 | 18 | 146 | 7 |
| Proportion of deaths attributable to tobacco (%) | 27 | 6 | 4 | 6 | 19 | 11 |
| Death rate: Noncommunicable diseases | 166 | 696 | 1,963 | 4,574 | 11,981 | 1,288 |
| Death rate attributable to tobacco | 25 | 60 | 121 | 344 | 1,335 | 110 |
| Proportion of deaths attributable to tobacco (%) | 15 | 9 | 6 | 8 | 11 | 9 |
| Death rate: All malignant neoplasms | 43 | 131 | 244 | 433 | 1,132 | 162 |
| Death rate attributable to tobacco | 5 | 6 | 20 | 60 | 233 | 18 |
| Proportion of deaths attributable to tobacco (%) | 11 | 5 | 8 | 14 | 21 | 11 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 10 | 32 | 77 | 191 | 21 |
| Death rate attributable to tobacco | 2 | 4 | 15 | 46 | 150 | 12 |
| Proportion of deaths attributable to tobacco (%) | 59 | 34 | 47 | 60 | 78 | 57 |
| Death rate: All other malignant neoplasms | 40 | 120 | 212 | 356 | 941 | 140 |
| Death rate attributable to tobacco | 3 | 3 | 5 | 14 | 83 | 6 |
| Proportion of deaths attributable to tobacco (%) | 7 | 2 | 2 | 4 | 9 | 4 |
| Death rate: All Cardiovascular diseases | 62 | 339 | 1,092 | 2,582 | 6,772 | 695 |
| Death rate attributable to tobacco | 16 | 43 | 50 | 98 | 270 | 43 |
| Proportion of deaths attributable to tobacco (%) | 26 | 13 | 5 | 4 | 4 | 6 |
| Death rate: Ischaemic heart disease | 20 | 139 | 394 | 604 | 1,377 | 198 |
| Death rate attributable to tobacco | 2 | 10 | 17 | 21 | 60 | 9 |
| Proportion of deaths attributable to tobacco (%) | 8 | 7 | 4 | 3 | 4 | 5 |
| Death rate: Cerebrovascular disease | 23 | 104 | 389 | 853 | 2,240 | 233 |
| Death rate attributable to tobacco | 8 | 18 | 18 | 32 | 11 | 15 |
| Proportion of deaths attributable to tobacco (%) | 37 | 17 | 5 | 4 | 0 | 6 |
| Death rate: Other cardiovascular diseases | 19 | 96 | 309 | 1,124 | 3,155 | 264 |
| Death rate attributable to tobacco | 6 | 15 | 15 | 45 | 199 | 18 |
| Proportion of deaths attributable to tobacco (%) | 33 | 15 | 5 | 4 | 6 | 7 |
| Death rate: Respiratory diseases | 9 | 45 | 178 | 467 | 1,200 | 117 |
| Death rate attributable to tobacco | 3 | 9 | 48 | 178 | 763 | 46 |
| Proportion of deaths attributable to tobacco (%) | 35 | 20 | 27 | 38 | 64 | 40 |
| Death rate: Chronic obstructive pulmonary disease | 3 | 34 | 160 | 432 | 1,048 | 101 |
| Death rate attributable to tobacco | 2 | 9 | 47 | 176 | 734 | 44 |
| Proportion of deaths attributable to tobacco (%) | 62 | 25 | 29 | 41 | 70 | 44 |
| Death rate: Other respiratory diseases | 6 | 12 | 18 | 35 | 152 | 16 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 2 | 28 | 2 |
| Proportion of deaths attributable to tobacco (%) | 21 | 6 | 4 | 7 | 19 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 163 | 686 | 2,309 | 5,903 | 15,789 | 1,437 | 295 | 982 | 2,431 | 5,557 | 14,522 | 1,753 |
| Death rate attributable to tobacco | - | - | 155 | 483 | 1,621 | 97 | 55 | 112 | 95 | 263 | 1,401 | 137 |
| Proportion of deaths attributable to tobacco (%) | - | - | 7 | 8 | 10 | 7 | 19 | 11 | 4 | 5 | 10 | 8 |
| <u>Death rate: Communicable diseases</u> | 27 | 101 | 285 | 1,009 | 2,699 | 225 | 50 | 150 | 449 | 1,151 | 3,009 | 334 |
| Death rate attributable to tobacco | - | - | 3 | 22 | 133 | 5 | 5 | 2 | 2 | 16 | 162 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | - | 1 | 2 | 5 | 2 | 10 | 2 | 0 | 1 | 5 | 3 |
| <u>Death rate: Tuberculosis</u> | 3 | 9 | 16 | 17 | 8 | 8 | 6 | 8 | 10 | 11 | 6 | 7 |
| Death rate attributable to tobacco | - | - | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | - | 3 | 5 | 12 | 2 | 24 | 5 | 2 | 3 | 12 | 10 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 16 | 66 | 290 | 777 | 57 | 10 | 20 | 53 | 286 | 747 | 68 |
| Death rate attributable to tobacco | - | - | 3 | 21 | 133 | 5 | 4 | 2 | 2 | 15 | 154 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 7 | 17 | 8 | 38 | 10 | 3 | 5 | 21 | 12 |
| <u>Death rate: Noncommunicable diseases</u> | 109 | 558 | 1,965 | 4,845 | 12,960 | 1,177 | 225 | 812 | 1,962 | 4,349 | 11,365 | 1,391 |
| Death rate attributable to tobacco | - | - | 152 | 461 | 1,488 | 92 | 50 | 109 | 93 | 247 | 1,238 | 127 |
| Proportion of deaths attributable to tobacco (%) | - | - | 8 | 10 | 11 | 8 | 22 | 13 | 5 | 6 | 11 | 9 |
| <u>Death rate: All malignant neoplasms</u> | 11 | 51 | 202 | 465 | 1,244 | 115 | 78 | 197 | 283 | 406 | 1,061 | 205 |
| Death rate attributable to tobacco | - | - | 31 | 106 | 387 | 22 | 9 | 12 | 10 | 21 | 136 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | - | 16 | 23 | 31 | 19 | 12 | 6 | 4 | 5 | 13 | 7 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 1 | 7 | 42 | 113 | 303 | 25 | 6 | 13 | 23 | 46 | 120 | 18 |
| Death rate attributable to tobacco | - | - | 25 | 82 | 261 | 16 | 4 | 7 | 6 | 16 | 80 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | - | 59 | 73 | 86 | 65 | 71 | 49 | 27 | 35 | 66 | 47 |
| <u>Death rate: All other malignant neoplasms</u> | 10 | 44 | 160 | 352 | 941 | 90 | 72 | 184 | 260 | 360 | 941 | 187 |
| Death rate attributable to tobacco | - | - | 6 | 24 | 126 | 5 | 5 | 5 | 4 | 5 | 56 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 7 | 13 | 6 | 7 | 3 | 2 | 1 | 6 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 61 | 331 | 1,089 | 2,701 | 7,223 | 661 | 63 | 346 | 1,095 | 2,483 | 6,488 | 727 |
| Death rate attributable to tobacco | - | - | 50 | 103 | 95 | 19 | 33 | 78 | 49 | 94 | 379 | 65 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 4 | 1 | 3 | 53 | 23 | 4 | 4 | 6 | 9 |
| <u>Death rate: Ischaemic heart disease</u> | 32 | 196 | 513 | 765 | 1,820 | 248 | 8 | 92 | 286 | 471 | 1,098 | 152 |
| Death rate attributable to tobacco | - | - | 23 | 28 | 22 | 6 | 3 | 18 | 11 | 14 | 84 | 12 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 4 | 1 | 3 | 39 | 20 | 4 | 3 | 8 | 8 |
| <u>Death rate: Cerebrovascular disease</u> | 19 | 65 | 277 | 884 | 2,365 | 192 | 26 | 137 | 491 | 827 | 2,160 | 270 |
| Death rate attributable to tobacco | - | - | 12 | 29 | 28 | 5 | 17 | 33 | 23 | 35 | - | 24 |
| Proportion of deaths attributable to tobacco (%) | - | - | 4 | 3 | 1 | 3 | 65 | 24 | 5 | 4 | - | 9 |
| <u>Death rate: Other cardiovascular diseases</u> | 10 | 70 | 299 | 1,051 | 3,038 | 221 | 28 | 117 | 318 | 1,185 | 3,229 | 305 |
| Death rate attributable to tobacco | - | - | 16 | 47 | 45 | 7 | 13 | 27 | 15 | 44 | 296 | 28 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 4 | 1 | 3 | 45 | 23 | 5 | 4 | 9 | 9 |
| <u>Death rate: Respiratory diseases</u> | 7 | 47 | 212 | 572 | 1,530 | 128 | 12 | 44 | 146 | 380 | 992 | 106 |
| Death rate attributable to tobacco | - | - | 66 | 243 | 943 | 49 | 7 | 17 | 31 | 125 | 649 | 43 |
| Proportion of deaths attributable to tobacco (%) | - | - | 31 | 42 | 62 | 39 | 57 | 39 | 21 | 33 | 65 | 41 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 2 | 36 | 190 | 522 | 1,311 | 111 | 5 | 31 | 132 | 357 | 882 | 92 |
| Death rate attributable to tobacco | - | - | 65 | 239 | 906 | 48 | 4 | 16 | 31 | 124 | 626 | 41 |
| Proportion of deaths attributable to tobacco (%) | - | - | 34 | 46 | 69 | 44 | 85 | 50 | 23 | 35 | 71 | 44 |
| <u>Death rate: Other respiratory diseases</u> | 5 | 11 | 22 | 50 | 219 | 17 | 7 | 12 | 14 | 22 | 110 | 14 |
| Death rate attributable to tobacco | - | - | 1 | 4 | 37 | 1 | 3 | 1 | 0 | 1 | 23 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | - | 5 | 7 | 17 | 7 | 38 | 10 | 3 | 5 | 21 | 16 |

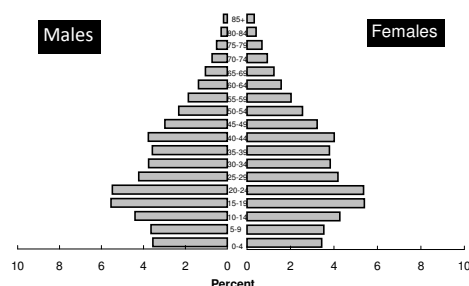
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Trinidad and Tobago

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|--------------|
| 0-29 | 354 | 345 | 699 |
| 30-44 | 146 | 153 | 300 |
| 45-59 | 94 | 103 | 197 |
| 60-69 | 32 | 37 | 69 |
| 70-79 | 16 | 21 | 38 |
| 80+ | 6 | 10 | 16 |
| Total | 649 | 670 | 1,319 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1295 per 100,000 population) was about 7.6 times that for communicable diseases (170 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 2% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 322 deaths per 100,000 population aged 30 years and over, with 9% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 61% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 8% of all tuberculosis deaths.

- The death rate due to tobacco in men was (167 per 100,000 men aged 30 years and over) compared with women (20 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 1% for women.

- Among those who died prematurely, almost one in every 15 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 12.3% of those whose death was due to a lower respiratory infection, 21% of deaths due to the category of 'all cardiovascular diseases combined', and 69.7% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 508 | 985 | 2,769 | 5,259 | 13,946 | 1,550 |
| Death rate attributable to tobacco | 35 | 114 | 120 | 173 | 496 | 90 |
| Proportion of deaths attributable to tobacco (%) | 7 | 12 | 4 | 3 | 4 | 6 |
| Death rate: Communicable diseases | 166 | 114 | 111 | 236 | 1,045 | 170 |
| Death rate attributable to tobacco | 2 | 3 | 1 | 5 | 63 | 4 |
| Proportion of deaths attributable to tobacco (%) | 1 | 2 | 1 | 2 | 6 | 2 |
| Death rate: Tuberculosis | 2 | 4 | 7 | 17 | 21 | 5 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 15 | 11 | 5 | 3 | 4 | 8 |
| Death rate: Lower respiratory infections | 10 | 19 | 19 | 105 | 643 | 36 |
| Death rate attributable to tobacco | 2 | 2 | 1 | 5 | 61 | 4 |
| Proportion of deaths attributable to tobacco (%) | 17 | 12 | 6 | 5 | 10 | 10 |
| Death rate: Noncommunicable diseases | 251 | 809 | 2,582 | 4,928 | 12,628 | 1,295 |
| Death rate attributable to tobacco | 33 | 111 | 119 | 168 | 433 | 86 |
| Proportion of deaths attributable to tobacco (%) | 13 | 14 | 5 | 3 | 3 | 7 |
| Death rate: All malignant neoplasms | 63 | 152 | 420 | 808 | 1,558 | 215 |
| Death rate attributable to tobacco | 4 | 24 | 35 | 54 | 88 | 19 |
| Proportion of deaths attributable to tobacco (%) | 6 | 16 | 8 | 7 | 6 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 20 | 36 | 66 | 93 | 18 |
| Death rate attributable to tobacco | 1 | 14 | 22 | 38 | 52 | 11 |
| Proportion of deaths attributable to tobacco (%) | 45 | 70 | 60 | 58 | 56 | 61 |
| Death rate: All other malignant neoplasms | 60 | 133 | 384 | 742 | 1,465 | 197 |
| Death rate attributable to tobacco | 2 | 10 | 13 | 16 | 37 | 8 |
| Proportion of deaths attributable to tobacco (%) | 4 | 7 | 4 | 2 | 2 | 4 |
| Death rate: All Cardiovascular diseases | 85 | 347 | 1,231 | 2,520 | 7,358 | 633 |
| Death rate attributable to tobacco | 26 | 73 | 56 | 52 | 164 | 50 |
| Proportion of deaths attributable to tobacco (%) | 31 | 21 | 5 | 2 | 2 | 8 |
| Death rate: Ischaemic heart disease | 29 | 201 | 715 | 1,309 | 3,244 | 322 |
| Death rate attributable to tobacco | 12 | 45 | 32 | 28 | 93 | 28 |
| Proportion of deaths attributable to tobacco (%) | 42 | 22 | 4 | 2 | 3 | 9 |
| Death rate: Cerebrovascular disease | 17 | 76 | 313 | 749 | 2,179 | 169 |
| Death rate attributable to tobacco | 4 | 14 | 14 | 13 | 2 | 9 |
| Proportion of deaths attributable to tobacco (%) | 22 | 19 | 4 | 2 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 39 | 70 | 204 | 462 | 1,934 | 142 |
| Death rate attributable to tobacco | 10 | 14 | 10 | 12 | 69 | 13 |
| Proportion of deaths attributable to tobacco (%) | 27 | 20 | 5 | 3 | 4 | 9 |
| Death rate: Respiratory diseases | 11 | 17 | 68 | 167 | 422 | 40 |
| Death rate attributable to tobacco | 2 | 5 | 15 | 46 | 116 | 10 |
| Proportion of deaths attributable to tobacco (%) | 14 | 29 | 22 | 27 | 27 | 25 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 6 | 32 | 106 | 237 | 18 |
| Death rate attributable to tobacco | 1 | 4 | 13 | 43 | 101 | 8 |
| Proportion of deaths attributable to tobacco (%) | 59 | 67 | 42 | 40 | 43 | 44 |
| Death rate: Other respiratory diseases | 10 | 12 | 35 | 61 | 186 | 21 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 3 | 15 | 2 |
| Proportion of deaths attributable to tobacco (%) | 10 | 10 | 4 | 5 | 8 | 8 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|--------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 543 | 1,247 | 3,385 | 6,605 | 14,928 | 1,714 | 476 | 746 | 2,241 | 4,239 | 13,322 | 1,401 |
| Death rate attributable to tobacco | 68 | 238 | 260 | 402 | 327 | 167 | 3 | - | - | - | 604 | 20 |
| Proportion of deaths attributable to tobacco (%) | 13 | 19 | 8 | 6 | 2 | 10 | 1 | - | - | - | 5 | 1 |
| <u>Death rate: Communicable diseases</u> | 192 | 170 | 171 | 309 | 1,156 | 210 | 141 | 62 | 58 | 181 | 975 | 135 |
| Death rate attributable to tobacco | 4 | 6 | 3 | 12 | 33 | 6 | 0 | - | - | - | 82 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 2 | 4 | 3 | 3 | 0 | - | - | - | 8 | 2 |
| <i>Death rate: Tuberculosis</i> | 4 | 7 | 13 | 19 | 44 | 7 | 1 | 1 | 3 | 16 | 6 | 2 |
| Death rate attributable to tobacco | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 19 | 13 | 6 | 5 | 3 | 11 | 1 | - | - | - | 7 | 1 |
| <i>Death rate: Lower respiratory infections</i> | 13 | 27 | 29 | 142 | 687 | 41 | 7 | 12 | 11 | 77 | 615 | 32 |
| Death rate attributable to tobacco | 3 | 5 | 2 | 11 | 31 | 5 | 0 | - | - | - | 80 | 2 |
| Proportion of deaths attributable to tobacco (%) | 25 | 18 | 8 | 8 | 5 | 12 | 2 | - | - | - | 13 | 8 |
| <u>Death rate: Noncommunicable diseases</u> | 217 | 971 | 3,069 | 6,160 | 13,492 | 1,375 | 284 | 661 | 2,163 | 3,996 | 12,079 | 1,221 |
| Death rate attributable to tobacco | 64 | 232 | 257 | 390 | 294 | 161 | 3 | - | - | - | 521 | 17 |
| Proportion of deaths attributable to tobacco (%) | 29 | 24 | 8 | 6 | 2 | 12 | 1 | - | - | - | 4 | 1 |
| <i>Death rate: All malignant neoplasms</i> | 34 | 145 | 508 | 1,076 | 2,189 | 224 | 91 | 159 | 345 | 605 | 1,158 | 208 |
| Death rate attributable to tobacco | 7 | 49 | 76 | 126 | 90 | 36 | 0 | - | - | - | 88 | 3 |
| Proportion of deaths attributable to tobacco (%) | 20 | 34 | 15 | 12 | 4 | 16 | 0 | - | - | - | 8 | 1 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 4 | 36 | 65 | 120 | 103 | 29 | 2 | 5 | 12 | 25 | 87 | 8 |
| Death rate attributable to tobacco | 3 | 29 | 47 | 89 | 61 | 22 | 0 | - | - | - | 46 | 1 |
| Proportion of deaths attributable to tobacco (%) | 61 | 80 | 73 | 74 | 59 | 74 | 6 | - | - | - | 53 | 18 |
| <i>Death rate: All other malignant neoplasms</i> | 30 | 109 | 443 | 956 | 2,086 | 195 | 89 | 154 | 333 | 580 | 1,071 | 200 |
| Death rate attributable to tobacco | 4 | 21 | 29 | 37 | 29 | 15 | 0 | - | - | - | 41 | 1 |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 7 | 4 | 1 | 7 | 0 | - | - | - | 4 | 1 |
| <i>Death rate: All Cardiovascular diseases</i> | 85 | 447 | 1,494 | 3,087 | 7,177 | 669 | 85 | 256 | 1,005 | 2,091 | 7,473 | 601 |
| Death rate attributable to tobacco | 52 | 153 | 122 | 122 | 21 | 95 | 2 | - | - | - | 255 | 9 |
| Proportion of deaths attributable to tobacco (%) | 61 | 34 | 8 | 4 | 0 | 14 | 3 | - | - | - | 3 | 1 |
| <i>Death rate: Ischaemic heart disease</i> | 40 | 280 | 871 | 1,651 | 3,290 | 364 | 19 | 129 | 580 | 1,050 | 3,215 | 283 |
| Death rate attributable to tobacco | 25 | 93 | 69 | 65 | 9 | 53 | 0 | - | - | - | 146 | 5 |
| Proportion of deaths attributable to tobacco (%) | 63 | 33 | 8 | 4 | 0 | 15 | 2 | - | - | - | 5 | 2 |
| <i>Death rate: Cerebrovascular disease</i> | 15 | 88 | 383 | 855 | 2,020 | 167 | 18 | 65 | 253 | 669 | 2,281 | 171 |
| Death rate attributable to tobacco | 7 | 30 | 30 | 30 | 6 | 18 | 1 | - | - | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 44 | 34 | 8 | 3 | 0 | 11 | 5 | - | - | - | - | 0 |
| <i>Death rate: Other cardiovascular diseases</i> | 30 | 79 | 240 | 582 | 1,867 | 138 | 47 | 62 | 172 | 372 | 1,977 | 146 |
| Death rate attributable to tobacco | 20 | 30 | 22 | 27 | 7 | 23 | 1 | - | - | - | 109 | 4 |
| Proportion of deaths attributable to tobacco (%) | 67 | 37 | 9 | 5 | 0 | 17 | 2 | - | - | - | 5 | 3 |
| <i>Death rate: Respiratory diseases</i> | 9 | 25 | 99 | 295 | 673 | 53 | 14 | 10 | 40 | 70 | 263 | 27 |
| Death rate attributable to tobacco | 3 | 10 | 32 | 106 | 149 | 17 | 0 | - | - | - | 95 | 3 |
| Proportion of deaths attributable to tobacco (%) | 34 | 42 | 33 | 36 | 22 | 32 | 2 | - | - | - | 36 | 11 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 11 | 59 | 208 | 398 | 31 | 1 | 1 | 9 | 29 | 134 | 7 |
| Death rate attributable to tobacco | 1 | 8 | 29 | 99 | 136 | 15 | 0 | - | - | - | 78 | 2 |
| Proportion of deaths attributable to tobacco (%) | 79 | 71 | 49 | 48 | 34 | 48 | 14 | - | - | - | 59 | 32 |
| <i>Death rate: Other respiratory diseases</i> | 7 | 14 | 40 | 87 | 275 | 23 | 13 | 10 | 31 | 40 | 129 | 19 |
| Death rate attributable to tobacco | 2 | 2 | 3 | 7 | 13 | 3 | 0 | - | - | - | 17 | 1 |
| Proportion of deaths attributable to tobacco (%) | 25 | 18 | 8 | 8 | 5 | 12 | 2 | - | - | - | 13 | 3 |

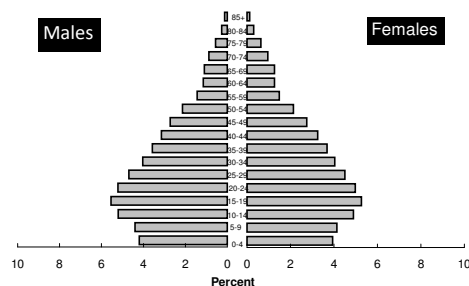
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Tunisia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 2,925 | 2,772 | 5,697 |
| 30-44 | 1,074 | 1,096 | 2,170 |
| 45-59 | 629 | 637 | 1,266 |
| 60-69 | 224 | 252 | 476 |
| 70-79 | 144 | 160 | 305 |
| 80+ | 38 | 43 | 81 |
| Total | 5,035 | 4,961 | 9,996 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (853 per 100,000 population) was about 3.3 times that for communicable diseases (260 per 100,000). Tobacco was responsible for 8% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 267 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 22 deaths per 100,000 population but with 76% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 9% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (158 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 12% for men and 0% for women.

- Among those who died prematurely, almost one in every 23 deaths among those aged 30-44 and one in 12 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 8.4% of those whose death was due to a lower respiratory infection, 15.5% of deaths due to the category of 'all cardiovascular diseases combined', and 66.5% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 188 | 637 | 2,101 | 5,433 | 14,679 | 1,178 |
| Death rate attributable to tobacco | 8 | 51 | 196 | 356 | 598 | 77 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 9 | 7 | 4 | 7 |
| Death rate: Communicable diseases | 87 | 209 | 459 | 930 | 2,011 | 260 |
| Death rate attributable to tobacco | 2 | 7 | 25 | 48 | 114 | 11 |
| Proportion of deaths attributable to tobacco (%) | 2 | 3 | 5 | 5 | 6 | 4 |
| Death rate: Tuberculosis | 3 | 5 | 5 | 9 | 12 | 4 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 8 | 7 | 8 | 5 |
| Death rate: Lower respiratory infections | 49 | 77 | 202 | 496 | 1,108 | 126 |
| Death rate attributable to tobacco | 2 | 6 | 24 | 46 | 111 | 11 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 12 | 9 | 10 | 9 |
| Death rate: Noncommunicable diseases | 64 | 363 | 1,544 | 4,348 | 12,388 | 853 |
| Death rate attributable to tobacco | 6 | 44 | 172 | 308 | 483 | 66 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 11 | 7 | 4 | 8 |
| Death rate: All malignant neoplasms | 14 | 65 | 215 | 440 | 840 | 97 |
| Death rate attributable to tobacco | 1 | 13 | 63 | 110 | 178 | 22 |
| Proportion of deaths attributable to tobacco (%) | 7 | 20 | 29 | 25 | 21 | 23 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 14 | 61 | 104 | 143 | 22 |
| Death rate attributable to tobacco | 0 | 10 | 49 | 83 | 117 | 17 |
| Proportion of deaths attributable to tobacco (%) | 29 | 66 | 80 | 80 | 82 | 76 |
| Death rate: All other malignant neoplasms | 12 | 51 | 154 | 336 | 697 | 75 |
| Death rate attributable to tobacco | 1 | 3 | 15 | 26 | 61 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 6 | 9 | 8 | 9 | 8 |
| Death rate: All Cardiovascular diseases | 21 | 180 | 897 | 2,809 | 8,768 | 528 |
| Death rate attributable to tobacco | 5 | 28 | 81 | 114 | 54 | 29 |
| Proportion of deaths attributable to tobacco (%) | 22 | 15 | 9 | 4 | 1 | 5 |
| Death rate: Ischaemic heart disease | 10 | 107 | 508 | 1,427 | 3,840 | 267 |
| Death rate attributable to tobacco | 2 | 17 | 47 | 59 | 22 | 16 |
| Proportion of deaths attributable to tobacco (%) | 24 | 16 | 9 | 4 | 1 | 6 |
| Death rate: Cerebrovascular disease | 3 | 26 | 155 | 541 | 1,750 | 98 |
| Death rate attributable to tobacco | 0 | 4 | 13 | 19 | 10 | 4 |
| Proportion of deaths attributable to tobacco (%) | 11 | 14 | 8 | 3 | 1 | 4 |
| Death rate: Other cardiovascular diseases | 8 | 47 | 234 | 841 | 3,178 | 164 |
| Death rate attributable to tobacco | 2 | 7 | 21 | 36 | 22 | 8 |
| Proportion of deaths attributable to tobacco (%) | 23 | 15 | 9 | 4 | 1 | 5 |
| Death rate: Respiratory diseases | 4 | 17 | 92 | 295 | 893 | 55 |
| Death rate attributable to tobacco | 0 | 3 | 26 | 80 | 243 | 14 |
| Proportion of deaths attributable to tobacco (%) | 11 | 20 | 29 | 27 | 27 | 26 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 9 | 57 | 191 | 546 | 33 |
| Death rate attributable to tobacco | 0 | 3 | 23 | 72 | 209 | 13 |
| Proportion of deaths attributable to tobacco (%) | 29 | 32 | 40 | 38 | 38 | 38 |
| Death rate: Other respiratory diseases | 3 | 8 | 35 | 103 | 348 | 22 |
| Death rate attributable to tobacco | 0 | 1 | 3 | 9 | 33 | 2 |
| Proportion of deaths attributable to tobacco (%) | 5 | 7 | 10 | 8 | 10 | 9 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 220 | 769 | 2,608 | 6,347 | 16,151 | 1,347 | 156 | 507 | 1,652 | 4,610 | 13,355 | 1,015 |
| Death rate attributable to tobacco | 16 | 103 | 418 | 751 | 1,262 | 158 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 13 | 16 | 12 | 8 | 12 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 86 | 261 | 653 | 1,167 | 2,287 | 313 | 87 | 157 | 286 | 716 | 1,763 | 209 |
| Death rate attributable to tobacco | 4 | 14 | 52 | 102 | 242 | 23 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 5 | 5 | 8 | 9 | 11 | 7 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 2 | 6 | 7 | 12 | 17 | 5 | 3 | 4 | 3 | 6 | 8 | 4 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 2 | 0 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 9 | 12 | 10 | 12 | 10 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 37 | 100 | 308 | 687 | 1,437 | 155 | 61 | 54 | 109 | 325 | 812 | 99 |
| Death rate attributable to tobacco | 4 | 13 | 50 | 98 | 234 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 13 | 16 | 14 | 16 | 14 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 76 | 407 | 1,803 | 4,964 | 13,540 | 938 | 53 | 319 | 1,314 | 3,794 | 11,352 | 771 |
| Death rate attributable to tobacco | 12 | 89 | 365 | 650 | 1,020 | 135 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 16 | 22 | 20 | 13 | 8 | 14 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 12 | 66 | 285 | 608 | 1,169 | 119 | 16 | 64 | 153 | 289 | 544 | 76 |
| Death rate attributable to tobacco | 2 | 26 | 135 | 232 | 376 | 46 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 17 | 39 | 47 | 38 | 32 | 38 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 26 | 121 | 207 | 289 | 41 | 1 | 3 | 7 | 11 | 12 | 3 |
| Death rate attributable to tobacco | 1 | 19 | 104 | 176 | 246 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 35 | 73 | 86 | 85 | 85 | 81 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 9 | 40 | 164 | 401 | 880 | 78 | 15 | 62 | 146 | 278 | 532 | 73 |
| Death rate attributable to tobacco | 1 | 6 | 31 | 56 | 129 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 12 | 16 | 19 | 14 | 15 | 15 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 25 | 213 | 1,034 | 3,101 | 9,241 | 567 | 17 | 148 | 776 | 2,546 | 8,343 | 491 |
| Death rate attributable to tobacco | 9 | 56 | 171 | 240 | 114 | 58 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 37 | 26 | 17 | 8 | 1 | 10 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 14 | 136 | 622 | 1,668 | 4,175 | 304 | 7 | 77 | 407 | 1,210 | 3,538 | 231 |
| Death rate attributable to tobacco | 5 | 34 | 99 | 125 | 47 | 33 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 37 | 25 | 16 | 7 | 1 | 11 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 3 | 28 | 170 | 585 | 1,824 | 101 | 3 | 25 | 143 | 501 | 1,684 | 95 |
| Death rate attributable to tobacco | 1 | 7 | 27 | 39 | 21 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 21 | 26 | 16 | 7 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 49 | 243 | 848 | 3,241 | 162 | 7 | 46 | 226 | 835 | 3,121 | 165 |
| Death rate attributable to tobacco | 4 | 14 | 45 | 76 | 46 | 17 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 42 | 29 | 19 | 9 | 1 | 11 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 4 | 18 | 115 | 364 | 1,085 | 64 | 4 | 16 | 71 | 232 | 721 | 46 |
| Death rate attributable to tobacco | 1 | 7 | 56 | 170 | 512 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 21 | 38 | 48 | 47 | 47 | 46 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 9 | 72 | 235 | 650 | 39 | 1 | 8 | 45 | 151 | 452 | 28 |
| Death rate attributable to tobacco | 1 | 6 | 49 | 152 | 442 | 26 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 56 | 62 | 68 | 64 | 68 | 66 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 3 | 9 | 44 | 128 | 435 | 26 | 3 | 7 | 27 | 81 | 269 | 18 |
| Death rate attributable to tobacco | 0 | 1 | 7 | 18 | 71 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 13 | 16 | 14 | 16 | 15 | - | - | - | - | - | - |

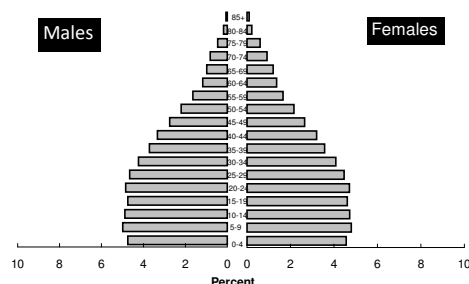
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Turkey

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 20,786 | 20,078 | 40,865 |
| 30-44 | 8,133 | 7,818 | 15,951 |
| 45-59 | 4,739 | 4,653 | 9,393 |
| 60-69 | 1,557 | 1,847 | 3,403 |
| 70-79 | 919 | 1,093 | 2,013 |
| 80+ | 169 | 231 | 400 |
| Total | 36,304 | 35,721 | 72,025 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1011 per 100,000 population) was about 21 times that for communicable diseases (48 per 100,000). Tobacco was responsible for 25% of all NCDs compared with 15% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 298 deaths per 100,000 population aged 30 years and over, with 22% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 54 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 24% of all tuberculosis deaths.

- The death rate due to tobacco in men was (460 per 100,000 men aged 30 years and over) compared with women (56 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 38% for men and 6% for women.

- Among those who died prematurely, almost one in every 3 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 18.8% of those whose death was due to a lower respiratory infection, 38.8% of deaths due to the category of 'all cardiovascular diseases combined', and 86.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 204 | 687 | 2,147 | 5,596 | 14,978 | 1,100 |
| Death rate attributable to tobacco | 66 | 220 | 571 | 1,109 | 1,831 | 258 |
| Proportion of deaths attributable to tobacco (%) | 32 | 32 | 27 | 20 | 12 | 23 |
| Death rate: Communicable diseases | 17 | 32 | 76 | 203 | 631 | 48 |
| Death rate attributable to tobacco | 3 | 6 | 13 | 24 | 84 | 7 |
| Proportion of deaths attributable to tobacco (%) | 15 | 18 | 17 | 12 | 13 | 15 |
| Death rate: Tuberculosis | 5 | 12 | 25 | 31 | 60 | 12 |
| Death rate attributable to tobacco | 2 | 3 | 5 | 4 | 8 | 3 |
| Proportion of deaths attributable to tobacco (%) | 33 | 27 | 21 | 14 | 13 | 24 |
| Death rate: Lower respiratory infections | 3 | 12 | 35 | 122 | 457 | 23 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 20 | 76 | 4 |
| Proportion of deaths attributable to tobacco (%) | 29 | 19 | 21 | 16 | 17 | 18 |
| Death rate: Noncommunicable diseases | 159 | 619 | 2,002 | 5,320 | 14,097 | 1,011 |
| Death rate attributable to tobacco | 64 | 214 | 558 | 1,085 | 1,747 | 251 |
| Proportion of deaths attributable to tobacco (%) | 40 | 35 | 28 | 20 | 12 | 25 |
| Death rate: All malignant neoplasms | 41 | 127 | 408 | 769 | 1,447 | 172 |
| Death rate attributable to tobacco | 12 | 57 | 179 | 258 | 459 | 65 |
| Proportion of deaths attributable to tobacco (%) | 30 | 44 | 44 | 34 | 32 | 38 |
| Death rate: Trachea, bronchus, lung cancers | 9 | 50 | 152 | 216 | 320 | 54 |
| Death rate attributable to tobacco | 7 | 43 | 135 | 186 | 279 | 47 |
| Proportion of deaths attributable to tobacco (%) | 82 | 86 | 89 | 86 | 87 | 87 |
| Death rate: All other malignant neoplasms | 32 | 77 | 256 | 552 | 1,127 | 118 |
| Death rate attributable to tobacco | 5 | 13 | 44 | 72 | 180 | 18 |
| Proportion of deaths attributable to tobacco (%) | 15 | 17 | 17 | 13 | 16 | 16 |
| Death rate: All Cardiovascular diseases | 79 | 380 | 1,181 | 3,425 | 9,827 | 631 |
| Death rate attributable to tobacco | 47 | 148 | 263 | 357 | 176 | 122 |
| Proportion of deaths attributable to tobacco (%) | 59 | 39 | 22 | 10 | 2 | 19 |
| Death rate: Ischaemic heart disease | 36 | 226 | 638 | 1,385 | 4,060 | 298 |
| Death rate attributable to tobacco | 24 | 90 | 140 | 137 | 76 | 65 |
| Proportion of deaths attributable to tobacco (%) | 68 | 40 | 22 | 10 | 2 | 22 |
| Death rate: Cerebrovascular disease | 17 | 89 | 376 | 1,241 | 3,395 | 200 |
| Death rate attributable to tobacco | 9 | 38 | 87 | 129 | 46 | 34 |
| Proportion of deaths attributable to tobacco (%) | 53 | 42 | 23 | 10 | 1 | 17 |
| Death rate: Other cardiovascular diseases | 27 | 66 | 167 | 799 | 2,372 | 134 |
| Death rate attributable to tobacco | 14 | 20 | 36 | 90 | 54 | 23 |
| Proportion of deaths attributable to tobacco (%) | 52 | 30 | 21 | 11 | 2 | 17 |
| Death rate: Respiratory diseases | 11 | 25 | 173 | 701 | 1,939 | 102 |
| Death rate attributable to tobacco | 4 | 7 | 108 | 459 | 1,094 | 60 |
| Proportion of deaths attributable to tobacco (%) | 37 | 28 | 63 | 65 | 56 | 58 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 12 | 132 | 602 | 1,685 | 79 |
| Death rate attributable to tobacco | 1 | 6 | 102 | 444 | 1,057 | 56 |
| Proportion of deaths attributable to tobacco (%) | 78 | 46 | 77 | 74 | 63 | 70 |
| Death rate: Other respiratory diseases | 10 | 13 | 41 | 99 | 254 | 23 |
| Death rate attributable to tobacco | 3 | 2 | 6 | 15 | 37 | 4 |
| Proportion of deaths attributable to tobacco (%) | 32 | 12 | 15 | 15 | 14 | 18 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 247 | 853 | 2,719 | 6,516 | 16,119 | 1,225 | 160 | 519 | 1,666 | 4,822 | 14,142 | 977 |
| Death rate attributable to tobacco | 111 | 436 | 1,123 | 1,961 | 3,713 | 460 | 20 | - | 105 | 393 | 452 | 56 |
| Proportion of deaths attributable to tobacco (%) | 45 | 51 | 41 | 30 | 23 | 38 | 12 | - | 6 | 8 | 3 | 6 |
| <u>Death rate: Communicable diseases</u> | 16 | 37 | 99 | 213 | 679 | 50 | 19 | 27 | 56 | 195 | 597 | 47 |
| Death rate attributable to tobacco | 4 | 11 | 26 | 38 | 174 | 12 | 1 | - | 2 | 13 | 18 | 2 |
| Proportion of deaths attributable to tobacco (%) | 27 | 30 | 26 | 18 | 26 | 25 | 4 | - | 3 | 7 | 3 | 4 |
| <u>Death rate: Tuberculosis</u> | 8 | 21 | 42 | 41 | 68 | 18 | 2 | 3 | 10 | 22 | 55 | 5 |
| Death rate attributable to tobacco | 3 | 7 | 11 | 8 | 18 | 5 | 0 | - | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 38 | 31 | 27 | 19 | 26 | 30 | 9 | - | 3 | 5 | 2 | 4 |
| <u>Death rate: Lower respiratory infections</u> | 2 | 11 | 41 | 112 | 466 | 21 | 3 | 13 | 31 | 130 | 450 | 25 |
| Death rate attributable to tobacco | 1 | 5 | 14 | 29 | 157 | 7 | 1 | - | 2 | 12 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 40 | 35 | 26 | 34 | 33 | 16 | - | 5 | 9 | 4 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 189 | 764 | 2,518 | 6,196 | 15,105 | 1,117 | 127 | 471 | 1,567 | 4,584 | 13,359 | 906 |
| Death rate attributable to tobacco | 107 | 424 | 1,097 | 1,923 | 3,539 | 448 | 19 | - | 103 | 379 | 434 | 55 |
| Proportion of deaths attributable to tobacco (%) | 56 | 56 | 44 | 31 | 23 | 40 | 15 | - | 7 | 8 | 3 | 6 |
| <u>Death rate: All malignant neoplasms</u> | 44 | 176 | 591 | 985 | 2,217 | 219 | 37 | 78 | 253 | 587 | 883 | 126 |
| Death rate attributable to tobacco | 21 | 112 | 374 | 507 | 1,053 | 125 | 3 | - | 15 | 49 | 24 | 7 |
| Proportion of deaths attributable to tobacco (%) | 48 | 64 | 63 | 51 | 47 | 57 | 7 | - | 6 | 8 | 3 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 15 | 93 | 301 | 403 | 685 | 98 | 3 | 7 | 27 | 60 | 52 | 12 |
| Death rate attributable to tobacco | 13 | 86 | 284 | 372 | 643 | 91 | 1 | - | 11 | 30 | 12 | 4 |
| Proportion of deaths attributable to tobacco (%) | 89 | 92 | 94 | 92 | 94 | 93 | 43 | - | 39 | 50 | 23 | 36 |
| <u>Death rate: All other malignant neoplasms</u> | 29 | 84 | 290 | 582 | 1,532 | 121 | 34 | 71 | 226 | 527 | 831 | 114 |
| Death rate attributable to tobacco | 8 | 27 | 90 | 135 | 410 | 34 | 1 | - | 5 | 19 | 12 | 3 |
| Proportion of deaths attributable to tobacco (%) | 28 | 32 | 31 | 23 | 27 | 28 | 4 | - | 2 | 4 | 1 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 98 | 481 | 1,418 | 3,614 | 9,342 | 656 | 59 | 278 | 982 | 3,266 | 10,182 | 607 |
| Death rate attributable to tobacco | 78 | 293 | 491 | 528 | 285 | 214 | 14 | - | 70 | 213 | 96 | 31 |
| Proportion of deaths attributable to tobacco (%) | 80 | 61 | 35 | 15 | 3 | 33 | 23 | - | 7 | 7 | 1 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 55 | 299 | 777 | 1,476 | 3,641 | 325 | 15 | 151 | 520 | 1,310 | 4,367 | 270 |
| Death rate attributable to tobacco | 45 | 179 | 266 | 215 | 106 | 119 | 3 | - | 34 | 72 | 54 | 11 |
| Proportion of deaths attributable to tobacco (%) | 82 | 60 | 34 | 15 | 3 | 37 | 16 | - | 7 | 5 | 1 | 4 |
| <u>Death rate: Cerebrovascular disease</u> | 18 | 122 | 481 | 1,386 | 3,779 | 218 | 16 | 54 | 288 | 1,118 | 3,113 | 182 |
| Death rate attributable to tobacco | 12 | 74 | 163 | 182 | 110 | 57 | 6 | - | 22 | 85 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 68 | 61 | 34 | 13 | 3 | 26 | 36 | - | 8 | 8 | - | 6 |
| <u>Death rate: Other cardiovascular diseases</u> | 25 | 60 | 159 | 752 | 1,922 | 113 | 28 | 72 | 174 | 838 | 2,703 | 154 |
| Death rate attributable to tobacco | 22 | 39 | 62 | 131 | 70 | 38 | 6 | - | 14 | 56 | 43 | 9 |
| Proportion of deaths attributable to tobacco (%) | 85 | 65 | 39 | 17 | 4 | 34 | 20 | - | 8 | 7 | 2 | 6 |
| <u>Death rate: Respiratory diseases</u> | 11 | 20 | 274 | 1,152 | 2,684 | 137 | 11 | 30 | 88 | 323 | 1,393 | 68 |
| Death rate attributable to tobacco | 6 | 14 | 218 | 872 | 2,164 | 104 | 2 | - | 16 | 112 | 309 | 15 |
| Proportion of deaths attributable to tobacco (%) | 52 | 69 | 80 | 76 | 81 | 76 | 20 | - | 18 | 35 | 22 | 23 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 13 | 243 | 1,075 | 2,471 | 119 | 1 | 12 | 39 | 205 | 1,109 | 39 |
| Death rate attributable to tobacco | 1 | 11 | 207 | 852 | 2,092 | 98 | 1 | - | 13 | 101 | 299 | 13 |
| Proportion of deaths attributable to tobacco (%) | 91 | 88 | 85 | 79 | 85 | 82 | 64 | - | 34 | 49 | 27 | 34 |
| <u>Death rate: Other respiratory diseases</u> | 10 | 8 | 31 | 77 | 213 | 18 | 10 | 19 | 50 | 118 | 285 | 29 |
| Death rate attributable to tobacco | 5 | 3 | 11 | 20 | 72 | 6 | 2 | - | 3 | 11 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | 47 | 40 | 35 | 26 | 34 | 37 | 16 | - | 5 | 9 | 4 | 7 |

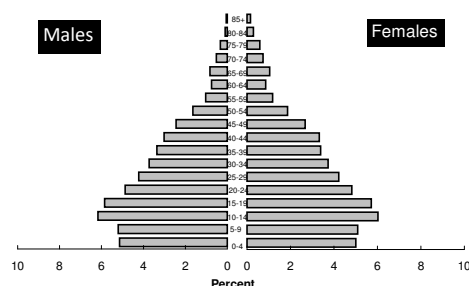
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Turkmenistan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 1,499 | 1,472 | 2,971 |
| 30-44 | 481 | 498 | 979 |
| 45-59 | 244 | 273 | 516 |
| 60-69 | 76 | 91 | 167 |
| 70-79 | 41 | 63 | 104 |
| 80+ | 7 | 21 | 29 |
| Total | 2,348 | 2,418 | 4,766 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1562 per 100,000 population) was about 14 times that for communicable diseases (112 per 100,000). Tobacco was responsible for 12% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 643 deaths per 100,000 population aged 30 years and over, with 11% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 21 deaths per 100,000 population but with 69% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 19% of all lower respiratory infection deaths and 18% of all tuberculosis deaths.

- The death rate due to tobacco in men was (385 per 100,000 men aged 30 years and over) compared with women (48 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 19% for men and 3% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 5 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 17.8% of those whose death was due to a lower respiratory infection, 29.7% of deaths due to the category of 'all cardiovascular diseases combined', and 72.8% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|-------|-------|-------|--------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 397 | 1,266 | 4,041 | 8,653 | 18,639 | 1,755 |
| Death rate attributable to tobacco | 110 | 270 | 522 | 351 | 67 | 208 |
| Proportion of deaths attributable to tobacco (%) | 28 | 21 | 13 | 4 | 0 | 12 |
| Death rate: Communicable diseases | 81 | 119 | 157 | 214 | 392 | 112 |
| Death rate attributable to tobacco | 17 | 16 | 15 | 9 | 4 | 16 |
| Proportion of deaths attributable to tobacco (%) | 21 | 13 | 9 | 4 | 1 | 14 |
| Death rate: Tuberculosis | 21 | 23 | 28 | 33 | 28 | 23 |
| Death rate attributable to tobacco | 5 | 3 | 3 | 1 | 0 | 4 |
| Proportion of deaths attributable to tobacco (%) | 25 | 13 | 9 | 5 | 1 | 18 |
| Death rate: Lower respiratory infections | 32 | 70 | 104 | 141 | 294 | 60 |
| Death rate attributable to tobacco | 12 | 12 | 12 | 7 | 3 | 11 |
| Proportion of deaths attributable to tobacco (%) | 36 | 18 | 12 | 5 | 1 | 19 |
| Death rate: Noncommunicable diseases | 241 | 1,055 | 3,817 | 8,365 | 18,041 | 1,562 |
| Death rate attributable to tobacco | 93 | 255 | 507 | 342 | 63 | 192 |
| Proportion of deaths attributable to tobacco (%) | 38 | 24 | 13 | 4 | 0 | 12 |
| Death rate: All malignant neoplasms | 32 | 156 | 443 | 594 | 518 | 146 |
| Death rate attributable to tobacco | 9 | 46 | 134 | 95 | 23 | 36 |
| Proportion of deaths attributable to tobacco (%) | 27 | 29 | 30 | 16 | 4 | 25 |
| Death rate: Trachea, bronchus, lung cancers | 5 | 26 | 69 | 70 | 37 | 21 |
| Death rate attributable to tobacco | 3 | 19 | 52 | 40 | 11 | 14 |
| Proportion of deaths attributable to tobacco (%) | 66 | 73 | 76 | 57 | 29 | 69 |
| Death rate: All other malignant neoplasms | 27 | 131 | 374 | 525 | 481 | 125 |
| Death rate attributable to tobacco | 5 | 27 | 81 | 55 | 12 | 22 |
| Proportion of deaths attributable to tobacco (%) | 19 | 21 | 22 | 11 | 3 | 17 |
| Death rate: All Cardiovascular diseases | 129 | 665 | 2,806 | 6,857 | 16,129 | 1,177 |
| Death rate attributable to tobacco | 79 | 198 | 331 | 189 | 10 | 142 |
| Proportion of deaths attributable to tobacco (%) | 61 | 30 | 12 | 3 | 0 | 12 |
| Death rate: Ischaemic heart disease | 57 | 323 | 1,474 | 3,827 | 10,016 | 643 |
| Death rate attributable to tobacco | 37 | 102 | 174 | 102 | 6 | 71 |
| Proportion of deaths attributable to tobacco (%) | 64 | 31 | 12 | 3 | 0 | 11 |
| Death rate: Cerebrovascular disease | 8 | 60 | 317 | 756 | 1,581 | 120 |
| Death rate attributable to tobacco | 4 | 16 | 35 | 20 | 1 | 11 |
| Proportion of deaths attributable to tobacco (%) | 55 | 26 | 11 | 3 | 0 | 9 |
| Death rate: Other cardiovascular diseases | 64 | 283 | 1,016 | 2,274 | 4,531 | 415 |
| Death rate attributable to tobacco | 38 | 81 | 123 | 66 | 3 | 59 |
| Proportion of deaths attributable to tobacco (%) | 59 | 28 | 12 | 3 | 0 | 14 |
| Death rate: Respiratory diseases | 10 | 35 | 147 | 360 | 716 | 61 |
| Death rate attributable to tobacco | 5 | 9 | 37 | 56 | 29 | 12 |
| Proportion of deaths attributable to tobacco (%) | 44 | 26 | 25 | 15 | 4 | 20 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 10 | 43 | 129 | 278 | 20 |
| Death rate attributable to tobacco | 2 | 5 | 24 | 43 | 25 | 8 |
| Proportion of deaths attributable to tobacco (%) | 83 | 56 | 56 | 34 | 9 | 39 |
| Death rate: Other respiratory diseases | 8 | 25 | 104 | 231 | 438 | 41 |
| Death rate attributable to tobacco | 3 | 4 | 13 | 12 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | 33 | 14 | 12 | 5 | 1 | 11 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|--------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 589 | 1,807 | 5,251 | 10,212 | 22,502 | 2,007 | 211 | 782 | 3,039 | 7,650 | 17,287 | 1,529 |
| Death rate attributable to tobacco | 195 | 535 | 986 | 654 | 258 | 385 | 28 | 34 | 137 | 156 | - | 48 |
| Proportion of deaths attributable to tobacco (%) | 33 | 30 | 19 | 6 | 1 | 19 | 13 | 4 | 4 | 2 | - | 3 |
| <u>Death rate: Communicable diseases</u> | 131 | 188 | 222 | 278 | 569 | 166 | 33 | 58 | 104 | 173 | 330 | 63 |
| Death rate attributable to tobacco | 32 | 32 | 29 | 17 | 15 | 31 | 2 | 1 | 3 | 3 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 25 | 17 | 13 | 6 | 3 | 19 | 7 | 2 | 3 | 2 | - | 3 |
| <u>Death rate: Tuberculosis</u> | 33 | 37 | 45 | 65 | 69 | 37 | 9 | 10 | 14 | 12 | 14 | 10 |
| Death rate attributable to tobacco | 10 | 6 | 6 | 4 | 2 | 8 | 1 | 0 | 0 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 17 | 12 | 5 | 2 | 21 | 13 | 1 | 2 | 1 | - | 7 |
| <u>Death rate: Lower respiratory infections</u> | 60 | 113 | 141 | 173 | 417 | 91 | 5 | 31 | 74 | 120 | 251 | 33 |
| Death rate attributable to tobacco | 22 | 25 | 23 | 13 | 13 | 23 | 1 | 1 | 3 | 3 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 22 | 17 | 8 | 3 | 25 | 22 | 3 | 4 | 3 | - | 4 |
| <u>Death rate: Noncommunicable diseases</u> | 335 | 1,456 | 4,919 | 9,854 | 21,614 | 1,708 | 150 | 695 | 2,903 | 7,406 | 16,791 | 1,431 |
| Death rate attributable to tobacco | 162 | 503 | 956 | 636 | 243 | 354 | 26 | 33 | 134 | 153 | - | 46 |
| Proportion of deaths attributable to tobacco (%) | 48 | 35 | 19 | 6 | 1 | 21 | 17 | 5 | 5 | 2 | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 33 | 196 | 621 | 742 | 665 | 172 | 32 | 120 | 296 | 499 | 466 | 124 |
| Death rate attributable to tobacco | 13 | 93 | 272 | 207 | 88 | 69 | 4 | 4 | 19 | 23 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 40 | 47 | 44 | 28 | 13 | 40 | 14 | 3 | 6 | 5 | - | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 6 | 45 | 124 | 120 | 84 | 34 | 3 | 8 | 24 | 38 | 20 | 9 |
| Death rate attributable to tobacco | 5 | 37 | 107 | 89 | 41 | 28 | 2 | 2 | 7 | 8 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 74 | 84 | 86 | 74 | 50 | 81 | 53 | 20 | 30 | 21 | - | 28 |
| <u>Death rate: All other malignant neoplasms</u> | 27 | 152 | 497 | 622 | 581 | 138 | 28 | 112 | 272 | 462 | 445 | 114 |
| Death rate attributable to tobacco | 8 | 56 | 165 | 118 | 47 | 41 | 3 | 2 | 12 | 15 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 31 | 37 | 33 | 19 | 8 | 30 | 9 | 2 | 4 | 3 | - | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 186 | 947 | 3,561 | 7,984 | 19,136 | 1,245 | 75 | 413 | 2,180 | 6,132 | 15,076 | 1,117 |
| Death rate attributable to tobacco | 141 | 389 | 604 | 325 | 39 | 261 | 20 | 27 | 105 | 101 | - | 35 |
| Proportion of deaths attributable to tobacco (%) | 76 | 41 | 17 | 4 | 0 | 21 | 26 | 6 | 5 | 2 | - | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 92 | 520 | 2,006 | 4,712 | 12,469 | 715 | 24 | 147 | 1,032 | 3,258 | 9,158 | 578 |
| Death rate attributable to tobacco | 69 | 206 | 327 | 185 | 24 | 136 | 5 | 9 | 46 | 49 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 75 | 40 | 16 | 4 | 0 | 19 | 22 | 6 | 4 | 2 | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 11 | 72 | 365 | 834 | 1,518 | 113 | 4 | 49 | 276 | 705 | 1,603 | 126 |
| Death rate attributable to tobacco | 6 | 29 | 59 | 29 | 3 | 19 | 2 | 4 | 15 | 15 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 59 | 40 | 16 | 3 | 0 | 17 | 45 | 7 | 5 | 2 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 83 | 356 | 1,190 | 2,438 | 5,150 | 417 | 46 | 217 | 871 | 2,169 | 4,315 | 413 |
| Death rate attributable to tobacco | 65 | 154 | 218 | 110 | 12 | 106 | 12 | 15 | 44 | 37 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | 79 | 43 | 18 | 5 | 0 | 25 | 26 | 7 | 5 | 2 | - | 4 |
| <u>Death rate: Respiratory diseases</u> | 15 | 44 | 220 | 461 | 935 | 71 | 6 | 26 | 85 | 296 | 640 | 53 |
| Death rate attributable to tobacco | 7 | 17 | 71 | 99 | 114 | 21 | 2 | 2 | 8 | 27 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 49 | 38 | 32 | 22 | 12 | 30 | 33 | 7 | 10 | 9 | - | 8 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 13 | 66 | 159 | 363 | 22 | 1 | 7 | 23 | 110 | 248 | 18 |
| Death rate attributable to tobacco | 3 | 10 | 46 | 76 | 95 | 13 | 1 | 1 | 6 | 22 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 87 | 76 | 69 | 48 | 26 | 58 | 72 | 20 | 26 | 20 | - | 17 |
| <u>Death rate: Other respiratory diseases</u> | 12 | 31 | 154 | 302 | 572 | 49 | 4 | 20 | 62 | 185 | 392 | 35 |
| Death rate attributable to tobacco | 4 | 7 | 26 | 23 | 18 | 8 | 1 | 1 | 2 | 5 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 37 | 22 | 17 | 8 | 3 | 16 | 22 | 3 | 4 | 3 | - | 3 |

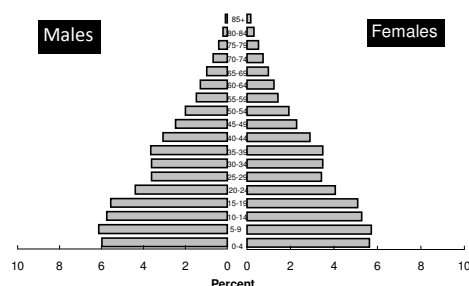
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Tuvalu

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------|----------|-----------|
| 0-29 | 3 | 3 | 6 |
| 30-44 | 1 | 1 | 2 |
| 45-59 | 1 | 1 | 1 |
| 60-69 | 0 | 0 | 0 |
| 70-79 | 0 | 0 | 0 |
| 80+ | 0 | 0 | 0 |
| Total | 5 | 5 | 10 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1544 per 100,000 population) was about 4.7 times that for communicable diseases (327 per 100,000). Tobacco was responsible for 17% of all NCDs compared with 4% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 286 deaths per 100,000 population aged 30 years and over, with 20% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 26 deaths per 100,000 population but with 72% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 17% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (326 per 100,000 men aged 30 years and over) compared with women (215 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 16% for men and 12% for women.

- Among those who died prematurely, almost one in every 4 deaths among those aged 30-44 and one in 8 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 9.4% of those whose death was due to a lower respiratory infection, 20% of deaths due to the category of 'all cardiovascular diseases combined', and 57.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 680 | 1,388 | 4,422 | 6,710 | 14,726 | 1,947 |
| Death rate attributable to tobacco | 186 | 175 | 561 | 528 | 1,464 | 271 |
| Proportion of deaths attributable to tobacco (%) | 27 | 13 | 13 | 8 | 10 | 14 |
| Death rate: Communicable diseases | 116 | 211 | 643 | 1,278 | 2,863 | 327 |
| Death rate attributable to tobacco | 9 | 4 | 18 | 32 | 156 | 13 |
| Proportion of deaths attributable to tobacco (%) | 8 | 2 | 3 | 2 | 5 | 4 |
| Death rate: Tuberculosis | 2 | 13 | 45 | 56 | 49 | 15 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 3 | 6 | 1 |
| Proportion of deaths attributable to tobacco (%) | 31 | 6 | 8 | 5 | 11 | 9 |
| Death rate: Lower respiratory infections | 20 | 32 | 116 | 338 | 746 | 67 |
| Death rate attributable to tobacco | 9 | 3 | 14 | 28 | 145 | 11 |
| Proportion of deaths attributable to tobacco (%) | 45 | 9 | 12 | 8 | 19 | 17 |
| Death rate: Noncommunicable diseases | 478 | 1,123 | 3,695 | 5,370 | 11,724 | 1,544 |
| Death rate attributable to tobacco | 177 | 171 | 544 | 496 | 1,309 | 258 |
| Proportion of deaths attributable to tobacco (%) | 37 | 15 | 15 | 9 | 11 | 17 |
| Death rate: All malignant neoplasms | 107 | 178 | 434 | 508 | 1,106 | 208 |
| Death rate attributable to tobacco | 21 | 18 | 78 | 79 | 215 | 34 |
| Proportion of deaths attributable to tobacco (%) | 20 | 10 | 18 | 15 | 19 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 9 | 17 | 68 | 89 | 179 | 26 |
| Death rate attributable to tobacco | 8 | 10 | 51 | 59 | 138 | 19 |
| Proportion of deaths attributable to tobacco (%) | 82 | 58 | 75 | 66 | 77 | 72 |
| Death rate: All other malignant neoplasms | 97 | 161 | 367 | 419 | 927 | 182 |
| Death rate attributable to tobacco | 14 | 8 | 27 | 20 | 77 | 15 |
| Proportion of deaths attributable to tobacco (%) | 14 | 5 | 7 | 5 | 8 | 8 |
| Death rate: All Cardiovascular diseases | 203 | 592 | 2,051 | 3,031 | 6,636 | 822 |
| Death rate attributable to tobacco | 137 | 119 | 254 | 158 | 292 | 149 |
| Proportion of deaths attributable to tobacco (%) | 67 | 20 | 12 | 5 | 4 | 18 |
| Death rate: Ischaemic heart disease | 80 | 286 | 815 | 708 | 1,320 | 286 |
| Death rate attributable to tobacco | 56 | 48 | 101 | 32 | 65 | 58 |
| Proportion of deaths attributable to tobacco (%) | 70 | 17 | 12 | 5 | 5 | 20 |
| Death rate: Cerebrovascular disease | 73 | 155 | 654 | 1,001 | 2,196 | 260 |
| Death rate attributable to tobacco | 46 | 36 | 73 | 53 | 8 | 46 |
| Proportion of deaths attributable to tobacco (%) | 64 | 23 | 11 | 5 | 0 | 18 |
| Death rate: Other cardiovascular diseases | 51 | 151 | 582 | 1,322 | 3,119 | 276 |
| Death rate attributable to tobacco | 35 | 35 | 79 | 73 | 220 | 46 |
| Proportion of deaths attributable to tobacco (%) | 68 | 23 | 14 | 6 | 7 | 17 |
| Death rate: Respiratory diseases | 28 | 82 | 365 | 547 | 1,155 | 135 |
| Death rate attributable to tobacco | 15 | 32 | 193 | 247 | 732 | 68 |
| Proportion of deaths attributable to tobacco (%) | 56 | 39 | 53 | 45 | 63 | 50 |
| Death rate: Chronic obstructive pulmonary disease | 8 | 60 | 329 | 506 | 1,015 | 109 |
| Death rate attributable to tobacco | 7 | 30 | 188 | 243 | 706 | 62 |
| Proportion of deaths attributable to tobacco (%) | 89 | 49 | 57 | 48 | 70 | 57 |
| Death rate: Other respiratory diseases | 19 | 22 | 37 | 41 | 140 | 26 |
| Death rate attributable to tobacco | 8 | 2 | 4 | 3 | 26 | 6 |
| Proportion of deaths attributable to tobacco (%) | 41 | 9 | 12 | 8 | 18 | 23 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 733 | 1,587 | 5,663 | 6,745 | 13,885 | 2,064 | 625 | 1,177 | 3,155 | 6,680 | 15,231 | 1,826 |
| Death rate attributable to tobacco | 220 | 183 | 912 | 619 | 1,348 | 326 | 150 | 167 | 204 | 450 | 1,534 | 215 |
| Proportion of deaths attributable to tobacco (%) | 30 | 12 | 16 | 9 | 10 | 16 | 24 | 14 | 6 | 7 | 10 | 12 |
| <u>Death rate: Communicable diseases</u> | 122 | 236 | 704 | 1,153 | 2,373 | 310 | 110 | 186 | 581 | 1,384 | 3,156 | 344 |
| Death rate attributable to tobacco | 7 | 4 | 30 | 32 | 112 | 11 | 12 | 4 | 4 | 31 | 182 | 14 |
| Proportion of deaths attributable to tobacco (%) | 6 | 2 | 4 | 3 | 5 | 4 | 11 | 2 | 1 | 2 | 6 | 4 |
| <i>Death rate: Tuberculosis</i> | 3 | 19 | 65 | 70 | 83 | 20 | 2 | 7 | 25 | 44 | 28 | 9 |
| Death rate attributable to tobacco | 1 | 1 | 7 | 4 | 9 | 2 | 1 | 0 | 1 | 2 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | 26 | 5 | 10 | 6 | 11 | 9 | 38 | 7 | 3 | 4 | 13 | 9 |
| <i>Death rate: Lower respiratory infections</i> | 18 | 37 | 165 | 332 | 683 | 67 | 21 | 26 | 66 | 344 | 783 | 67 |
| Death rate attributable to tobacco | 6 | 3 | 24 | 28 | 103 | 10 | 11 | 3 | 4 | 28 | 171 | 13 |
| Proportion of deaths attributable to tobacco (%) | 34 | 7 | 14 | 8 | 15 | 14 | 55 | 13 | 6 | 8 | 22 | 20 |
| <u>Death rate: Noncommunicable diseases</u> | 484 | 1,276 | 4,817 | 5,536 | 11,397 | 1,645 | 472 | 962 | 2,548 | 5,228 | 11,921 | 1,441 |
| Death rate attributable to tobacco | 214 | 179 | 881 | 587 | 1,236 | 314 | 138 | 163 | 199 | 419 | 1,353 | 200 |
| Proportion of deaths attributable to tobacco (%) | 44 | 14 | 18 | 11 | 11 | 19 | 29 | 17 | 8 | 8 | 11 | 14 |
| <i>Death rate: All malignant neoplasms</i> | 49 | 121 | 497 | 532 | 1,094 | 163 | 167 | 237 | 370 | 488 | 1,113 | 255 |
| Death rate attributable to tobacco | 16 | 18 | 134 | 130 | 325 | 40 | 27 | 18 | 20 | 35 | 149 | 27 |
| Proportion of deaths attributable to tobacco (%) | 32 | 15 | 27 | 24 | 30 | 25 | 16 | 7 | 5 | 7 | 13 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 6 | 17 | 107 | 129 | 267 | 31 | 13 | 16 | 28 | 55 | 126 | 21 |
| Death rate attributable to tobacco | 4 | 10 | 89 | 98 | 224 | 24 | 12 | 9 | 11 | 26 | 86 | 14 |
| Proportion of deaths attributable to tobacco (%) | 71 | 59 | 84 | 76 | 84 | 77 | 88 | 57 | 41 | 46 | 68 | 64 |
| <i>Death rate: All other malignant neoplasms</i> | 43 | 104 | 391 | 402 | 828 | 132 | 154 | 222 | 342 | 433 | 987 | 233 |
| Death rate attributable to tobacco | 12 | 8 | 45 | 31 | 101 | 17 | 16 | 9 | 9 | 10 | 63 | 14 |
| Proportion of deaths attributable to tobacco (%) | 27 | 8 | 11 | 8 | 12 | 13 | 10 | 4 | 3 | 2 | 6 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 271 | 764 | 2,669 | 3,086 | 6,352 | 932 | 132 | 411 | 1,419 | 2,985 | 6,805 | 709 |
| Death rate attributable to tobacco | 182 | 120 | 393 | 140 | 72 | 183 | 90 | 118 | 112 | 174 | 424 | 114 |
| Proportion of deaths attributable to tobacco (%) | 67 | 16 | 15 | 5 | 1 | 20 | 68 | 29 | 8 | 6 | 6 | 16 |
| <i>Death rate: Ischaemic heart disease</i> | 140 | 458 | 1,250 | 874 | 1,601 | 422 | 17 | 105 | 371 | 566 | 1,152 | 146 |
| Death rate attributable to tobacco | 101 | 68 | 175 | 38 | 16 | 95 | 9 | 26 | 26 | 27 | 94 | 19 |
| Proportion of deaths attributable to tobacco (%) | 72 | 15 | 14 | 4 | 1 | 22 | 56 | 25 | 7 | 5 | 8 | 13 |
| <i>Death rate: Cerebrovascular disease</i> | 88 | 149 | 677 | 1,010 | 2,080 | 252 | 56 | 163 | 630 | 994 | 2,266 | 268 |
| Death rate attributable to tobacco | 48 | 23 | 94 | 39 | 21 | 45 | 44 | 49 | 52 | 65 | - | 47 |
| Proportion of deaths attributable to tobacco (%) | 55 | 15 | 14 | 4 | 1 | 18 | 78 | 30 | 8 | 7 | - | 17 |
| <i>Death rate: Other cardiovascular diseases</i> | 43 | 157 | 743 | 1,201 | 2,672 | 258 | 59 | 144 | 418 | 1,425 | 3,387 | 295 |
| Death rate attributable to tobacco | 33 | 28 | 123 | 63 | 34 | 44 | 36 | 42 | 35 | 82 | 331 | 48 |
| Proportion of deaths attributable to tobacco (%) | 76 | 18 | 17 | 5 | 1 | 17 | 61 | 29 | 8 | 6 | 10 | 16 |
| <u>Death rate: Respiratory diseases</u> | 31 | 109 | 539 | 653 | 1,345 | 165 | 24 | 54 | 187 | 456 | 1,041 | 104 |
| Death rate attributable to tobacco | 14 | 39 | 321 | 305 | 792 | 83 | 17 | 24 | 61 | 197 | 696 | 52 |
| Proportion of deaths attributable to tobacco (%) | 45 | 36 | 60 | 47 | 59 | 51 | 70 | 45 | 33 | 43 | 67 | 50 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 7 | 81 | 485 | 597 | 1,161 | 132 | 10 | 38 | 169 | 429 | 928 | 86 |
| Death rate attributable to tobacco | 6 | 37 | 313 | 300 | 764 | 77 | 9 | 22 | 60 | 195 | 672 | 47 |
| Proportion of deaths attributable to tobacco (%) | 85 | 46 | 65 | 50 | 66 | 58 | 92 | 58 | 36 | 45 | 72 | 55 |
| <i>Death rate: Other respiratory diseases</i> | 24 | 28 | 54 | 57 | 185 | 33 | 14 | 16 | 18 | 27 | 113 | 18 |
| Death rate attributable to tobacco | 8 | 2 | 8 | 5 | 28 | 6 | 8 | 2 | 1 | 2 | 25 | 5 |
| Proportion of deaths attributable to tobacco (%) | 34 | 7 | 14 | 8 | 15 | 20 | 55 | 13 | 6 | 8 | 22 | 29 |

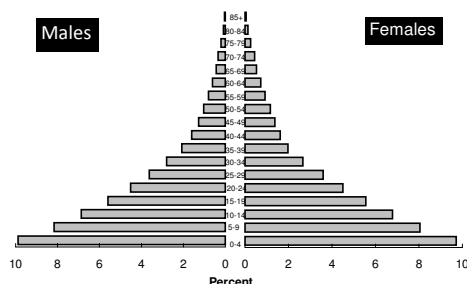
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Uganda

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 10,836 | 10,705 | 21,541 |
| 30-44 | 1,814 | 1,754 | 3,568 |
| 45-59 | 870 | 968 | 1,838 |
| 60-69 | 292 | 350 | 642 |
| 70-79 | 155 | 196 | 351 |
| 80+ | 37 | 52 | 88 |
| Total | 14,004 | 14,024 | 28,028 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1075 per 100,000 population) was about 0.8 times that for communicable diseases (1423 per 100,000). Tobacco was responsible for 2% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 153 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 8 deaths per 100,000 population but with 26% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 1% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (46 per 100,000 men aged 30 years and over) compared with women (13 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 2% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,788 | 2,400 | 3,772 | 7,982 | 18,030 | 2,714 |
| Death rate attributable to tobacco | - | 46 | 89 | 122 | 56 | 29 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 0 | 1 |
| Death rate: Communicable diseases | 1,442 | 1,370 | 1,101 | 1,625 | 3,256 | 1,423 |
| Death rate attributable to tobacco | - | 5 | 9 | 14 | 9 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 0 | 1 | 1 | 0 | 0 |
| Death rate: Tuberculosis | 149 | 219 | 256 | 257 | 231 | 186 |
| Death rate attributable to tobacco | - | 5 | 3 | 2 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 1 | 1 | 0 | 1 |
| Death rate: Lower respiratory infections | 8 | 39 | 244 | 697 | 1,855 | 103 |
| Death rate attributable to tobacco | - | 1 | 6 | 12 | 8 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 2 | 2 | 0 | 1 |
| Death rate: Noncommunicable diseases | 146 | 834 | 2,413 | 6,025 | 14,245 | 1,075 |
| Death rate attributable to tobacco | - | 40 | 80 | 108 | 47 | 26 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 3 | 2 | 0 | 2 |
| Death rate: All malignant neoplasms | 21 | 181 | 496 | 1,091 | 1,932 | 197 |
| Death rate attributable to tobacco | - | 12 | 26 | 26 | 11 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 5 | 2 | 1 | 4 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 9 | 26 | 37 | 44 | 8 |
| Death rate attributable to tobacco | - | 3 | 9 | 6 | 2 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 36 | 17 | 5 | 26 |
| Death rate: All other malignant neoplasms | 20 | 172 | 470 | 1,054 | 1,888 | 189 |
| Death rate attributable to tobacco | - | 9 | 17 | 20 | 9 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 4 | 2 | 0 | 3 |
| Death rate: All Cardiovascular diseases | 47 | 338 | 1,064 | 2,963 | 7,945 | 496 |
| Death rate attributable to tobacco | - | 18 | 20 | 42 | 8 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 1 | 0 | 2 |
| Death rate: Ischaemic heart disease | 10 | 113 | 389 | 927 | 2,005 | 153 |
| Death rate attributable to tobacco | - | 7 | 8 | 8 | 2 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 2 | 1 | 0 | 2 |
| Death rate: Cerebrovascular disease | 19 | 125 | 390 | 1,087 | 2,780 | 181 |
| Death rate attributable to tobacco | - | 6 | 6 | 18 | 0 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 2 | 0 | 2 |
| Death rate: Other cardiovascular diseases | 19 | 99 | 285 | 949 | 3,160 | 161 |
| Death rate attributable to tobacco | - | 5 | 5 | 15 | 5 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 2 | 2 | 0 | 2 |
| Death rate: Respiratory diseases | 19 | 94 | 282 | 655 | 1,356 | 119 |
| Death rate attributable to tobacco | - | 10 | 33 | 37 | 27 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 12 | 6 | 2 | 7 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 37 | 140 | 337 | 634 | 53 |
| Death rate attributable to tobacco | - | 9 | 30 | 32 | 24 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 24 | 21 | 9 | 4 | 14 |
| Death rate: Other respiratory diseases | 15 | 57 | 143 | 318 | 722 | 66 |
| Death rate attributable to tobacco | - | 1 | 3 | 5 | 3 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 2 | 2 | 0 | 2 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,732 | 2,759 | 4,466 | 8,821 | 19,377 | 2,817 | 1,846 | 2,078 | 3,193 | 7,321 | 17,069 | 2,616 |
| Death rate attributable to tobacco | - | 96 | 196 | 19 | 41 | 46 | - | - | - | 203 | 67 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 4 | 0 | 0 | 2 | - | - | - | 3 | 0 | 0 |
| <u>Death rate: Communicable diseases</u> | 1,191 | 1,520 | 1,344 | 1,890 | 3,728 | 1,359 | 1,702 | 1,236 | 897 | 1,416 | 2,919 | 1,483 |
| Death rate attributable to tobacco | - | 11 | 20 | 2 | 6 | 5 | - | - | - | 23 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 0 | 0 | 0 | - | - | - | 2 | 0 | 0 |
| <u>Death rate: Tuberculosis</u> | 205 | 320 | 291 | 350 | 333 | 253 | 91 | 128 | 227 | 183 | 158 | 123 |
| Death rate attributable to tobacco | - | 10 | 8 | 0 | 1 | 3 | - | - | - | 3 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 3 | 0 | 0 | 1 | - | - | - | 2 | 0 | 0 |
| <u>Death rate: Lower respiratory infections</u> | 1 | 34 | 338 | 834 | 2,152 | 107 | 16 | 43 | 165 | 589 | 1,643 | 99 |
| Death rate attributable to tobacco | - | 1 | 13 | 1 | 5 | 2 | - | - | - | 20 | 11 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 0 | 0 | 2 | - | - | - | 3 | 1 | 1 |
| <u>Death rate: Noncommunicable diseases</u> | 212 | 938 | 2,755 | 6,504 | 15,079 | 1,125 | 78 | 741 | 2,126 | 5,648 | 13,651 | 1,028 |
| Death rate attributable to tobacco | - | 85 | 176 | 17 | 36 | 41 | - | - | - | 180 | 55 | 11 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 6 | 0 | 0 | 4 | - | - | - | 3 | 0 | 1 |
| <u>Death rate: All malignant neoplasms</u> | 26 | 189 | 594 | 1,364 | 2,687 | 219 | 16 | 173 | 414 | 876 | 1,393 | 176 |
| Death rate attributable to tobacco | - | 25 | 58 | 5 | 9 | 13 | - | - | - | 43 | 13 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 13 | 10 | 0 | 0 | 6 | - | - | - | 5 | 1 | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 13 | 38 | 33 | 45 | 10 | 1 | 5 | 16 | 40 | 42 | 6 |
| Death rate attributable to tobacco | - | 6 | 21 | 2 | 3 | 4 | - | - | - | 10 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 46 | 54 | 5 | 7 | 36 | - | - | - | 25 | 5 | 10 |
| <u>Death rate: All other malignant neoplasms</u> | 24 | 176 | 556 | 1,331 | 2,642 | 209 | 15 | 168 | 399 | 836 | 1,351 | 170 |
| Death rate attributable to tobacco | - | 19 | 37 | 3 | 6 | 9 | - | - | - | 33 | 11 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 7 | 0 | 0 | 4 | - | - | - | 4 | 1 | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 66 | 369 | 1,143 | 2,889 | 7,555 | 474 | 28 | 309 | 999 | 3,021 | 8,223 | 517 |
| Death rate attributable to tobacco | - | 37 | 44 | 2 | 1 | 14 | - | - | - | 73 | 12 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 0 | 0 | 3 | - | - | - | 2 | 0 | 1 |
| <u>Death rate: Ischaemic heart disease</u> | 16 | 155 | 497 | 1,152 | 2,285 | 180 | 4 | 75 | 299 | 750 | 1,805 | 128 |
| Death rate attributable to tobacco | - | 15 | 18 | 1 | 0 | 6 | - | - | - | 14 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 9 | 4 | 0 | 0 | 3 | - | - | - | 2 | 0 | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 26 | 131 | 393 | 961 | 2,387 | 162 | 12 | 120 | 388 | 1,186 | 3,060 | 200 |
| Death rate attributable to tobacco | - | 13 | 14 | 1 | 0 | 5 | - | - | - | 32 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 0 | 0 | 3 | - | - | - | 3 | - | 1 |
| <u>Death rate: Other cardiovascular diseases</u> | 25 | 83 | 253 | 776 | 2,883 | 132 | 12 | 114 | 312 | 1,085 | 3,358 | 189 |
| Death rate attributable to tobacco | - | 10 | 12 | 1 | 1 | 4 | - | - | - | 26 | 9 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 12 | 5 | 0 | 0 | 3 | - | - | - | 2 | 0 | 1 |
| <u>Death rate: Respiratory diseases</u> | 28 | 126 | 402 | 905 | 1,767 | 153 | 10 | 65 | 182 | 458 | 1,062 | 87 |
| Death rate attributable to tobacco | - | 21 | 72 | 10 | 25 | 13 | - | - | - | 58 | 28 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 17 | 18 | 1 | 1 | 9 | - | - | - | 13 | 3 | 4 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 7 | 55 | 219 | 509 | 930 | 75 | 2 | 20 | 73 | 201 | 423 | 33 |
| Death rate attributable to tobacco | - | 18 | 65 | 9 | 23 | 12 | - | - | - | 50 | 24 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 33 | 30 | 2 | 2 | 16 | - | - | - | 25 | 6 | 10 |
| <u>Death rate: Other respiratory diseases</u> | 21 | 72 | 183 | 397 | 837 | 78 | 8 | 44 | 109 | 257 | 639 | 54 |
| Death rate attributable to tobacco | - | 3 | 7 | 1 | 2 | 2 | - | - | - | 9 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 0 | 0 | 2 | - | - | - | 3 | 1 | 1 |

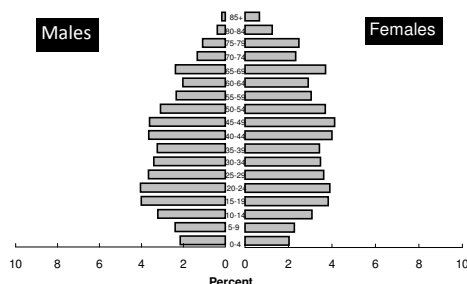
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Ukraine

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 9,207 | 8,851 | 18,058 |
| 30-44 | 4,878 | 5,150 | 10,028 |
| 45-59 | 4,275 | 5,132 | 9,407 |
| 60-69 | 2,080 | 3,125 | 5,204 |
| 70-79 | 1,147 | 2,274 | 3,421 |
| 80+ | 259 | 904 | 1,163 |
| Total | 21,846 | 25,436 | 47,282 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (2228 per 100,000 population) was about 31.7 times that for communicable diseases (70 per 100,000). Tobacco was responsible for 14% of all NCDs compared with 14% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 1149 deaths per 100,000 population aged 30 years and over, with 12% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 56 deaths per 100,000 population but with 81% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 25% of all lower respiratory infection deaths and 26% of all tuberculosis deaths.

- The death rate due to tobacco in men was (696 per 100,000 men aged 30 years and over) compared with women (53 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 2% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 33.5% of those whose death was due to a lower respiratory infection, 46.4% of deaths due to the category of 'all cardiovascular diseases combined', and 85% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 524 | 1,331 | 2,993 | 6,379 | 15,378 | 2,500 |
| Death rate attributable to tobacco | 84 | 352 | 635 | 591 | 169 | 331 |
| Proportion of deaths attributable to tobacco (%) | 16 | 26 | 21 | 9 | 1 | 13 |
| Death rate: Communicable diseases | 92 | 86 | 40 | 26 | 22 | 70 |
| Death rate attributable to tobacco | 12 | 14 | 7 | 3 | 1 | 10 |
| Proportion of deaths attributable to tobacco (%) | 13 | 16 | 17 | 10 | 3 | 14 |
| Death rate: Tuberculosis | 42 | 46 | 18 | 10 | 6 | 34 |
| Death rate attributable to tobacco | 11 | 13 | 4 | 1 | 0 | 9 |
| Proportion of deaths attributable to tobacco (%) | 26 | 27 | 21 | 12 | 3 | 26 |
| Death rate: Lower respiratory infections | 2 | 3 | 10 | 10 | 10 | 5 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 1 | 0 | 1 |
| Proportion of deaths attributable to tobacco (%) | 33 | 33 | 30 | 14 | 5 | 25 |
| Death rate: Noncommunicable diseases | 248 | 982 | 2,769 | 6,220 | 15,221 | 2,228 |
| Death rate attributable to tobacco | 73 | 338 | 628 | 589 | 168 | 321 |
| Proportion of deaths attributable to tobacco (%) | 29 | 34 | 23 | 9 | 1 | 14 |
| Death rate: All malignant neoplasms | 44 | 248 | 574 | 733 | 595 | 307 |
| Death rate attributable to tobacco | 8 | 79 | 171 | 156 | 51 | 79 |
| Proportion of deaths attributable to tobacco (%) | 18 | 32 | 30 | 21 | 9 | 26 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 46 | 119 | 133 | 68 | 56 |
| Death rate attributable to tobacco | 3 | 39 | 102 | 103 | 34 | 45 |
| Proportion of deaths attributable to tobacco (%) | 62 | 85 | 86 | 77 | 50 | 81 |
| Death rate: All other malignant neoplasms | 40 | 202 | 456 | 601 | 527 | 251 |
| Death rate attributable to tobacco | 5 | 40 | 69 | 53 | 17 | 34 |
| Proportion of deaths attributable to tobacco (%) | 13 | 20 | 15 | 9 | 3 | 13 |
| Death rate: All Cardiovascular diseases | 100 | 517 | 1,903 | 5,075 | 14,023 | 1,692 |
| Death rate attributable to tobacco | 61 | 240 | 390 | 313 | 23 | 205 |
| Proportion of deaths attributable to tobacco (%) | 61 | 46 | 20 | 6 | 0 | 12 |
| Death rate: Ischaemic heart disease | 46 | 324 | 1,360 | 3,602 | 9,157 | 1,149 |
| Death rate attributable to tobacco | 30 | 153 | 280 | 221 | 15 | 136 |
| Proportion of deaths attributable to tobacco (%) | 64 | 47 | 21 | 6 | 0 | 12 |
| Death rate: Cerebrovascular disease | 16 | 113 | 416 | 1,140 | 3,060 | 371 |
| Death rate attributable to tobacco | 8 | 48 | 79 | 67 | 5 | 40 |
| Proportion of deaths attributable to tobacco (%) | 47 | 43 | 19 | 6 | 0 | 11 |
| Death rate: Other cardiovascular diseases | 37 | 79 | 127 | 333 | 1,807 | 172 |
| Death rate attributable to tobacco | 24 | 39 | 31 | 24 | 3 | 29 |
| Proportion of deaths attributable to tobacco (%) | 64 | 49 | 25 | 7 | 0 | 17 |
| Death rate: Respiratory diseases | 7 | 32 | 111 | 238 | 416 | 77 |
| Death rate attributable to tobacco | 3 | 18 | 66 | 119 | 94 | 37 |
| Proportion of deaths attributable to tobacco (%) | 47 | 58 | 60 | 50 | 23 | 48 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 18 | 79 | 185 | 337 | 56 |
| Death rate attributable to tobacco | 2 | 14 | 58 | 111 | 90 | 32 |
| Proportion of deaths attributable to tobacco (%) | 78 | 79 | 74 | 60 | 27 | 58 |
| Death rate: Other respiratory diseases | 5 | 14 | 32 | 53 | 78 | 21 |
| Death rate attributable to tobacco | 2 | 5 | 8 | 8 | 4 | 5 |
| Proportion of deaths attributable to tobacco (%) | 31 | 33 | 26 | 16 | 5 | 22 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 832 | 2,094 | 4,525 | 8,444 | 16,819 | 2,884 | 233 | 696 | 1,974 | 5,338 | 14,966 | 2,208 |
| Death rate attributable to tobacco | 168 | 725 | 1,438 | 1,470 | 758 | 696 | 5 | 41 | 100 | 148 | - | 53 |
| Proportion of deaths attributable to tobacco (%) | 20 | 35 | 32 | 17 | 5 | 24 | 2 | 6 | 5 | 3 | - | 2 |
| <u>Death rate: Communicable diseases</u> | 153 | 159 | 82 | 48 | 40 | 131 | 35 | 25 | 11 | 15 | 17 | 24 |
| Death rate attributable to tobacco | 24 | 30 | 17 | 7 | 3 | 23 | 0 | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 15 | 19 | 21 | 15 | 7 | 17 | 1 | 1 | 1 | 2 | - | 1 |
| <u>Death rate: Tuberculosis</u> | 73 | 90 | 39 | 22 | 9 | 67 | 13 | 10 | 4 | 4 | 5 | 9 |
| Death rate attributable to tobacco | 22 | 27 | 9 | 3 | 1 | 20 | 0 | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 31 | 30 | 24 | 16 | 8 | 29 | 3 | 3 | 2 | 2 | - | 3 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 5 | 25 | 17 | 20 | 9 | 1 | 1 | 1 | 6 | 7 | 2 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 39 | 39 | 31 | 21 | 11 | 31 | 5 | 5 | 4 | 4 | - | 3 |
| <u>Death rate: Noncommunicable diseases</u> | 358 | 1,462 | 4,104 | 8,161 | 16,566 | 2,388 | 144 | 582 | 1,881 | 5,241 | 14,836 | 2,107 |
| Death rate attributable to tobacco | 144 | 695 | 1,421 | 1,463 | 755 | 673 | 4 | 41 | 100 | 147 | - | 53 |
| Proportion of deaths attributable to tobacco (%) | 40 | 48 | 35 | 18 | 5 | 28 | 3 | 7 | 5 | 3 | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 42 | 320 | 860 | 1,160 | 1,061 | 393 | 46 | 189 | 384 | 518 | 461 | 241 |
| Death rate attributable to tobacco | 15 | 168 | 409 | 432 | 228 | 174 | 1 | 5 | 13 | 17 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 37 | 53 | 47 | 37 | 21 | 44 | 2 | 3 | 3 | 3 | - | 3 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 7 | 90 | 259 | 315 | 193 | 108 | 2 | 10 | 26 | 41 | 32 | 16 |
| Death rate attributable to tobacco | 5 | 82 | 242 | 284 | 151 | 98 | 0 | 3 | 9 | 11 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 75 | 92 | 93 | 90 | 78 | 91 | 18 | 33 | 35 | 27 | - | 27 |
| <u>Death rate: All other malignant neoplasms</u> | 35 | 230 | 601 | 845 | 867 | 285 | 44 | 179 | 358 | 477 | 429 | 225 |
| Death rate attributable to tobacco | 10 | 86 | 167 | 148 | 77 | 75 | 0 | 2 | 4 | 5 | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 29 | 37 | 28 | 17 | 9 | 26 | 1 | 1 | 1 | 1 | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 161 | 811 | 2,758 | 6,269 | 14,372 | 1,653 | 41 | 271 | 1,335 | 4,473 | 13,923 | 1,721 |
| Death rate attributable to tobacco | 122 | 487 | 855 | 720 | 104 | 420 | 3 | 34 | 79 | 107 | - | 41 |
| Proportion of deaths attributable to tobacco (%) | 76 | 60 | 31 | 11 | 1 | 25 | 8 | 12 | 6 | 2 | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 78 | 536 | 2,030 | 4,564 | 9,748 | 1,159 | 15 | 148 | 914 | 3,117 | 8,988 | 1,140 |
| Death rate attributable to tobacco | 60 | 316 | 623 | 527 | 68 | 282 | 1 | 16 | 51 | 67 | - | 24 |
| Proportion of deaths attributable to tobacco (%) | 76 | 59 | 31 | 12 | 1 | 24 | 5 | 11 | 6 | 2 | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 24 | 155 | 538 | 1,326 | 2,959 | 331 | 9 | 78 | 335 | 1,046 | 3,088 | 402 |
| Death rate attributable to tobacco | 14 | 93 | 164 | 137 | 21 | 77 | 1 | 11 | 22 | 31 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 60 | 60 | 30 | 10 | 1 | 23 | 14 | 14 | 7 | 3 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 59 | 119 | 190 | 379 | 1,665 | 163 | 17 | 45 | 85 | 310 | 1,847 | 179 |
| Death rate attributable to tobacco | 48 | 78 | 69 | 56 | 15 | 61 | 1 | 6 | 6 | 9 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 81 | 65 | 37 | 15 | 1 | 38 | 7 | 14 | 7 | 3 | - | 3 |
| <u>Death rate: Respiratory diseases</u> | 12 | 58 | 226 | 494 | 876 | 124 | 3 | 10 | 35 | 109 | 284 | 41 |
| Death rate attributable to tobacco | 6 | 38 | 154 | 310 | 423 | 78 | 0 | 2 | 8 | 23 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 56 | 66 | 68 | 63 | 48 | 63 | 13 | 20 | 22 | 22 | - | 13 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 4 | 32 | 161 | 385 | 719 | 89 | 1 | 5 | 24 | 84 | 228 | 30 |
| Death rate attributable to tobacco | 3 | 28 | 134 | 286 | 406 | 67 | 0 | 2 | 7 | 23 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 87 | 87 | 83 | 74 | 56 | 76 | 33 | 34 | 31 | 27 | - | 17 |
| <u>Death rate: Other respiratory diseases</u> | 8 | 26 | 65 | 109 | 157 | 35 | 2 | 5 | 11 | 25 | 55 | 11 |
| Death rate attributable to tobacco | 3 | 10 | 20 | 23 | 17 | 10 | 0 | 0 | 0 | 1 | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 39 | 39 | 31 | 21 | 11 | 29 | 5 | 5 | 4 | 4 | - | 3 |

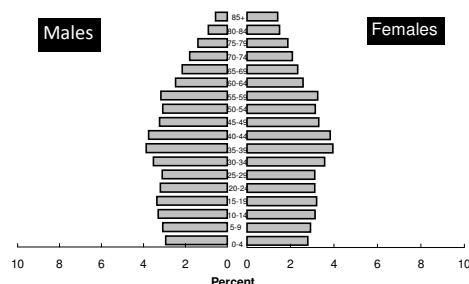
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

United Kingdom

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 11,375 | 10,962 | 22,337 |
| 30-44 | 6,687 | 6,808 | 13,494 |
| 45-59 | 5,689 | 5,819 | 11,507 |
| 60-69 | 2,772 | 2,943 | 5,715 |
| 70-79 | 1,911 | 2,378 | 4,288 |
| 80+ | 880 | 1,743 | 2,623 |
| Total | 29,314 | 30,651 | 59,965 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1393 per 100,000 population) was about 12 times that for communicable diseases (116 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 28% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 298 deaths per 100,000 population aged 30 years and over, with 17% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 91 deaths per 100,000 population but with 87% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 33% of all lower respiratory infection deaths and 19% of all tuberculosis deaths.

- The death rate due to tobacco in men was (345 per 100,000 men aged 30 years and over) compared with women (316 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 22% for men and 20% for women.

- Among those who died prematurely, almost one in every 15 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 23.4% of those whose death was due to a lower respiratory infection, 41.7% of deaths due to the category of 'all cardiovascular diseases combined', and 80.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 110 | 412 | 1,311 | 3,685 | 11,058 | 1,555 |
| Death rate attributable to tobacco | 7 | 103 | 379 | 1,006 | 1,773 | 330 |
| Proportion of deaths attributable to tobacco (%) | 7 | 25 | 29 | 27 | 16 | 21 |
| Death rate: Communicable diseases | 5 | 13 | 41 | 180 | 1,197 | 116 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 49 | 358 | 32 |
| Proportion of deaths attributable to tobacco (%) | 4 | 15 | 20 | 27 | 30 | 28 |
| Death rate: Tuberculosis | 0 | 0 | 1 | 3 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 18 | 23 | 22 | 19 |
| Death rate: Lower respiratory infections | 2 | 8 | 28 | 144 | 1,068 | 98 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 48 | 356 | 32 |
| Proportion of deaths attributable to tobacco (%) | 9 | 23 | 27 | 33 | 33 | 33 |
| Death rate: Noncommunicable diseases | 75 | 369 | 1,240 | 3,446 | 9,646 | 1,393 |
| Death rate attributable to tobacco | 7 | 101 | 371 | 958 | 1,415 | 298 |
| Proportion of deaths attributable to tobacco (%) | 10 | 27 | 30 | 28 | 15 | 21 |
| Death rate: All malignant neoplasms | 26 | 169 | 567 | 1,228 | 1,936 | 422 |
| Death rate attributable to tobacco | 2 | 46 | 188 | 418 | 499 | 126 |
| Proportion of deaths attributable to tobacco (%) | 6 | 27 | 33 | 34 | 26 | 30 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 36 | 145 | 309 | 322 | 91 |
| Death rate attributable to tobacco | 1 | 29 | 128 | 278 | 281 | 80 |
| Proportion of deaths attributable to tobacco (%) | 30 | 81 | 88 | 90 | 87 | 87 |
| Death rate: All other malignant neoplasms | 24 | 133 | 422 | 920 | 1,615 | 331 |
| Death rate attributable to tobacco | 1 | 17 | 60 | 139 | 218 | 46 |
| Proportion of deaths attributable to tobacco (%) | 4 | 13 | 14 | 15 | 14 | 14 |
| Death rate: All Cardiovascular diseases | 19 | 110 | 415 | 1,392 | 4,844 | 600 |
| Death rate attributable to tobacco | 5 | 46 | 121 | 306 | 372 | 95 |
| Proportion of deaths attributable to tobacco (%) | 27 | 42 | 29 | 22 | 8 | 16 |
| Death rate: Ischaemic heart disease | 9 | 68 | 258 | 763 | 2,116 | 298 |
| Death rate attributable to tobacco | 2 | 26 | 70 | 150 | 208 | 51 |
| Proportion of deaths attributable to tobacco (%) | 28 | 39 | 27 | 20 | 10 | 17 |
| Death rate: Cerebrovascular disease | 4 | 20 | 73 | 336 | 1,594 | 168 |
| Death rate attributable to tobacco | 1 | 9 | 23 | 81 | 11 | 17 |
| Proportion of deaths attributable to tobacco (%) | 21 | 45 | 31 | 24 | 1 | 10 |
| Death rate: Other cardiovascular diseases | 6 | 22 | 83 | 293 | 1,134 | 134 |
| Death rate attributable to tobacco | 2 | 10 | 28 | 74 | 153 | 27 |
| Proportion of deaths attributable to tobacco (%) | 29 | 47 | 34 | 25 | 14 | 20 |
| Death rate: Respiratory diseases | 2 | 16 | 93 | 330 | 858 | 117 |
| Death rate attributable to tobacco | 0 | 9 | 59 | 226 | 522 | 74 |
| Proportion of deaths attributable to tobacco (%) | 16 | 55 | 64 | 68 | 61 | 63 |
| Death rate: Chronic obstructive pulmonary disease | 0 | 10 | 65 | 235 | 484 | 74 |
| Death rate attributable to tobacco | 0 | 7 | 52 | 195 | 400 | 60 |
| Proportion of deaths attributable to tobacco (%) | 50 | 76 | 79 | 83 | 82 | 82 |
| Death rate: Other respiratory diseases | 2 | 7 | 28 | 95 | 374 | 44 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 31 | 123 | 14 |
| Proportion of deaths attributable to tobacco (%) | 9 | 24 | 27 | 32 | 33 | 31 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 141 | 502 | 1,638 | 4,564 | 12,329 | 1,556 | 80 | 323 | 1,002 | 2,978 | 10,416 | 1,555 |
| Death rate attributable to tobacco | 11 | 134 | 484 | 1,174 | 2,007 | 345 | 3 | 72 | 280 | 871 | 1,654 | 316 |
| Proportion of deaths attributable to tobacco (%) | 8 | 27 | 30 | 26 | 16 | 22 | 4 | 22 | 28 | 29 | 16 | 20 |
| <u>Death rate: Communicable diseases</u> | 6 | 17 | 48 | 205 | 1,187 | 95 | 5 | 10 | 34 | 160 | 1,202 | 135 |
| Death rate attributable to tobacco | 0 | 2 | 9 | 45 | 299 | 22 | 0 | 2 | 8 | 52 | 387 | 42 |
| Proportion of deaths attributable to tobacco (%) | 4 | 13 | 18 | 22 | 25 | 23 | 3 | 18 | 22 | 32 | 32 | 31 |
| <u>Death rate: Tuberculosis</u> | 0 | 1 | 2 | 4 | 7 | 1 | 0 | 0 | 1 | 3 | 5 | 1 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 18 | 20 | 21 | 18 | 5 | 17 | 19 | 26 | 23 | 22 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 10 | 34 | 166 | 1,061 | 79 | 1 | 6 | 23 | 127 | 1,071 | 116 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 44 | 297 | 21 | 0 | 2 | 7 | 51 | 386 | 42 |
| Proportion of deaths attributable to tobacco (%) | 9 | 21 | 24 | 27 | 28 | 27 | 9 | 28 | 32 | 40 | 36 | 36 |
| <u>Death rate: Noncommunicable diseases</u> | 87 | 443 | 1,550 | 4,287 | 10,922 | 1,405 | 63 | 297 | 949 | 2,770 | 9,002 | 1,382 |
| Death rate attributable to tobacco | 11 | 132 | 475 | 1,129 | 1,708 | 324 | 3 | 70 | 272 | 820 | 1,267 | 274 |
| Proportion of deaths attributable to tobacco (%) | 13 | 30 | 31 | 26 | 16 | 23 | 5 | 24 | 29 | 30 | 14 | 20 |
| <u>Death rate: All malignant neoplasms</u> | 21 | 170 | 657 | 1,556 | 2,702 | 462 | 30 | 168 | 482 | 965 | 1,550 | 386 |
| Death rate attributable to tobacco | 2 | 59 | 260 | 587 | 833 | 163 | 1 | 33 | 119 | 282 | 330 | 91 |
| Proportion of deaths attributable to tobacco (%) | 10 | 35 | 40 | 38 | 31 | 35 | 4 | 20 | 25 | 29 | 21 | 24 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 41 | 187 | 415 | 535 | 113 | 2 | 31 | 105 | 223 | 214 | 71 |
| Death rate attributable to tobacco | 1 | 34 | 170 | 384 | 493 | 102 | 1 | 24 | 89 | 193 | 173 | 59 |
| Proportion of deaths attributable to tobacco (%) | 31 | 83 | 91 | 93 | 92 | 90 | 30 | 78 | 84 | 87 | 81 | 83 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 129 | 470 | 1,141 | 2,166 | 348 | 28 | 137 | 377 | 742 | 1,336 | 314 |
| Death rate attributable to tobacco | 2 | 25 | 90 | 202 | 340 | 61 | 0 | 9 | 31 | 89 | 157 | 32 |
| Proportion of deaths attributable to tobacco (%) | 8 | 19 | 19 | 18 | 16 | 17 | 1 | 7 | 8 | 12 | 12 | 10 |
| <u>Death rate: All Cardiovascular diseases</u> | 27 | 164 | 586 | 1,789 | 5,177 | 597 | 11 | 57 | 254 | 1,072 | 4,676 | 602 |
| Death rate attributable to tobacco | 8 | 63 | 144 | 276 | 123 | 81 | 2 | 29 | 100 | 330 | 498 | 108 |
| Proportion of deaths attributable to tobacco (%) | 31 | 38 | 25 | 15 | 2 | 14 | 15 | 51 | 39 | 31 | 11 | 18 |
| <u>Death rate: Ischaemic heart disease</u> | 14 | 112 | 393 | 1,065 | 2,608 | 343 | 3 | 24 | 131 | 521 | 1,868 | 256 |
| Death rate attributable to tobacco | 5 | 42 | 93 | 160 | 58 | 49 | 0 | 11 | 49 | 143 | 283 | 53 |
| Proportion of deaths attributable to tobacco (%) | 32 | 37 | 24 | 15 | 2 | 14 | 10 | 47 | 37 | 27 | 15 | 21 |
| <u>Death rate: Cerebrovascular disease</u> | 5 | 22 | 86 | 375 | 1,444 | 133 | 4 | 18 | 61 | 305 | 1,670 | 200 |
| Death rate attributable to tobacco | 1 | 8 | 20 | 51 | 32 | 13 | 1 | 10 | 25 | 106 | - | 20 |
| Proportion of deaths attributable to tobacco (%) | 18 | 38 | 24 | 14 | 2 | 10 | 24 | 54 | 41 | 35 | - | 10 |
| <u>Death rate: Other cardiovascular diseases</u> | 8 | 30 | 107 | 350 | 1,125 | 122 | 4 | 15 | 61 | 247 | 1,138 | 146 |
| Death rate attributable to tobacco | 3 | 13 | 31 | 66 | 33 | 19 | 1 | 8 | 26 | 81 | 214 | 35 |
| Proportion of deaths attributable to tobacco (%) | 38 | 43 | 29 | 19 | 3 | 15 | 12 | 54 | 43 | 33 | 19 | 24 |
| <u>Death rate: Respiratory diseases</u> | 2 | 19 | 112 | 404 | 1,192 | 126 | 2 | 14 | 75 | 271 | 689 | 110 |
| Death rate attributable to tobacco | 0 | 10 | 69 | 257 | 729 | 77 | 0 | 8 | 51 | 200 | 418 | 71 |
| Proportion of deaths attributable to tobacco (%) | 18 | 52 | 61 | 64 | 61 | 61 | 13 | 58 | 68 | 74 | 61 | 65 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 11 | 77 | 282 | 746 | 82 | 0 | 9 | 54 | 197 | 352 | 66 |
| Death rate attributable to tobacco | 0 | 8 | 60 | 225 | 604 | 66 | 0 | 7 | 44 | 170 | 296 | 55 |
| Proportion of deaths attributable to tobacco (%) | 51 | 74 | 78 | 80 | 81 | 80 | 49 | 78 | 81 | 86 | 84 | 84 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 8 | 35 | 123 | 446 | 43 | 2 | 6 | 20 | 74 | 337 | 44 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 33 | 125 | 11 | 0 | 2 | 6 | 30 | 121 | 16 |
| Proportion of deaths attributable to tobacco (%) | 9 | 21 | 24 | 27 | 28 | 26 | 9 | 28 | 32 | 40 | 36 | 36 |

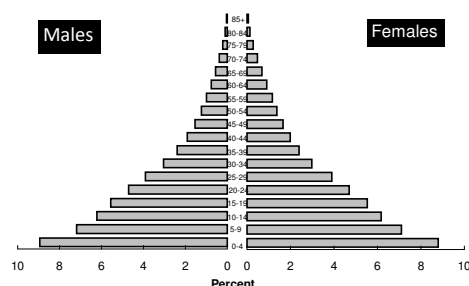
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

United Republic of Tanzania

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 13,697 | 13,578 | 27,275 |
| 30-44 | 2,753 | 2,762 | 5,515 |
| 45-59 | 1,412 | 1,573 | 2,985 |
| 60-69 | 495 | 599 | 1,095 |
| 70-79 | 224 | 287 | 510 |
| 80+ | 52 | 76 | 128 |
| Total | 18,633 | 18,875 | 37,508 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1163 per 100,000 population) was about 0.9 times that for communicable diseases (1340 per 100,000). Tobacco was responsible for 4% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 162 deaths per 100,000 population aged 30 years and over, with 4% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 9 deaths per 100,000 population but with 54% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 3% of all lower respiratory infection deaths and 2% of all tuberculosis deaths.

- The death rate due to tobacco in men was (119 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 1,680 | 2,426 | 4,028 | 8,171 | 17,807 | 2,674 |
| Death rate attributable to tobacco | - | 79 | 194 | 194 | 328 | 58 |
| Proportion of deaths attributable to tobacco (%) | - | 3 | 5 | 2 | 2 | 2 |
| Death rate: Communicable diseases | 1,304 | 1,329 | 1,239 | 1,644 | 2,840 | 1,340 |
| Death rate attributable to tobacco | - | 12 | 24 | 20 | 43 | 8 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 2 | 1 | 2 | 1 |
| Death rate: Tuberculosis | 99 | 121 | 140 | 166 | 171 | 114 |
| Death rate attributable to tobacco | - | 5 | 5 | 3 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 3 | 2 | 2 | 2 |
| Death rate: Lower respiratory infections | 49 | 186 | 427 | 791 | 1,634 | 186 |
| Death rate attributable to tobacco | - | 7 | 19 | 17 | 39 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 5 | 2 | 2 | 3 |
| Death rate: Noncommunicable diseases | 229 | 924 | 2,579 | 6,250 | 14,619 | 1,163 |
| Death rate attributable to tobacco | - | 67 | 170 | 174 | 284 | 50 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 7 | 3 | 2 | 4 |
| Death rate: All malignant neoplasms | 36 | 201 | 529 | 1,130 | 1,972 | 216 |
| Death rate attributable to tobacco | - | 21 | 69 | 65 | 110 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 11 | 13 | 6 | 6 | 8 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 10 | 32 | 34 | 45 | 9 |
| Death rate attributable to tobacco | - | 5 | 20 | 19 | 27 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 48 | 64 | 56 | 58 | 54 |
| Death rate: All other malignant neoplasms | 35 | 191 | 497 | 1,096 | 1,926 | 207 |
| Death rate attributable to tobacco | - | 16 | 48 | 46 | 84 | 13 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 10 | 4 | 4 | 6 |
| Death rate: All Cardiovascular diseases | 76 | 375 | 1,141 | 3,076 | 8,167 | 528 |
| Death rate attributable to tobacco | - | 30 | 43 | 27 | 11 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 8 | 4 | 1 | 0 | 3 |
| Death rate: Ischaemic heart disease | 14 | 124 | 415 | 965 | 2,065 | 162 |
| Death rate attributable to tobacco | - | 12 | 18 | 10 | 3 | 6 |
| Proportion of deaths attributable to tobacco (%) | - | 10 | 4 | 1 | 0 | 4 |
| Death rate: Cerebrovascular disease | 31 | 140 | 422 | 1,136 | 2,881 | 196 |
| Death rate attributable to tobacco | - | 10 | 14 | 8 | 3 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 3 | 1 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 31 | 110 | 304 | 975 | 3,221 | 170 |
| Death rate attributable to tobacco | - | 8 | 11 | 9 | 5 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 4 | 1 | 0 | 2 |
| Death rate: Respiratory diseases | 30 | 102 | 298 | 678 | 1,386 | 129 |
| Death rate attributable to tobacco | - | 15 | 56 | 78 | 157 | 16 |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 19 | 12 | 11 | 13 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 40 | 146 | 348 | 647 | 56 |
| Death rate attributable to tobacco | - | 13 | 49 | 71 | 140 | 14 |
| Proportion of deaths attributable to tobacco (%) | - | 32 | 33 | 21 | 22 | 25 |
| Death rate: Other respiratory diseases | 24 | 63 | 152 | 330 | 739 | 73 |
| Death rate attributable to tobacco | - | 3 | 7 | 7 | 17 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 4 | 2 | 2 | 3 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|--------------|--------------|--------------|--------------|---------------|--------------------------------|--------------|--------------|--------------|--------------|---------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 1,561 | 2,669 | 4,579 | 9,042 | 19,324 | 2,707 | 1,800 | 2,207 | 3,571 | 7,490 | 16,770 | 2,643 |
| Death rate attributable to tobacco | - | 167 | 429 | 443 | 806 | 119 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 9 | 5 | 4 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 1,079 | 1,419 | 1,449 | 1,960 | 3,386 | 1,277 | 1,528 | 1,248 | 1,066 | 1,397 | 2,467 | 1,399 |
| Death rate attributable to tobacco | - | 25 | 54 | 46 | 107 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 4 | 2 | 3 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 140 | 193 | 192 | 269 | 302 | 168 | 59 | 56 | 97 | 86 | 81 | 64 |
| Death rate attributable to tobacco | - | 10 | 11 | 7 | 10 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 6 | 3 | 3 | 3 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 54 | 191 | 545 | 970 | 1,949 | 204 | 43 | 182 | 329 | 652 | 1,419 | 170 |
| Death rate attributable to tobacco | - | 14 | 43 | 38 | 96 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 4 | 5 | 5 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 232 | 972 | 2,826 | 6,709 | 15,532 | 1,158 | 226 | 880 | 2,376 | 5,891 | 13,995 | 1,167 |
| Death rate attributable to tobacco | - | 142 | 375 | 397 | 700 | 104 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 15 | 13 | 6 | 5 | 9 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 29 | 196 | 609 | 1,407 | 2,769 | 226 | 44 | 206 | 463 | 914 | 1,427 | 206 |
| Death rate attributable to tobacco | - | 45 | 152 | 149 | 271 | 38 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 23 | 25 | 11 | 10 | 17 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 1 | 18 | 63 | 75 | 108 | 16 | 1 | 4 | 7 | 3 | 3 | 3 |
| Death rate attributable to tobacco | - | 11 | 45 | 44 | 65 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 60 | 72 | 59 | 61 | 63 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 28 | 178 | 547 | 1,332 | 2,661 | 210 | 43 | 202 | 456 | 911 | 1,424 | 204 |
| Death rate attributable to tobacco | - | 34 | 107 | 106 | 206 | 27 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 20 | 8 | 8 | 13 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 73 | 383 | 1,172 | 2,979 | 7,781 | 485 | 80 | 367 | 1,116 | 3,151 | 8,432 | 568 |
| Death rate attributable to tobacco | - | 63 | 94 | 61 | 26 | 30 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 8 | 2 | 0 | 6 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 18 | 161 | 511 | 1,192 | 2,363 | 186 | 10 | 90 | 335 | 787 | 1,862 | 139 |
| Death rate attributable to tobacco | - | 25 | 39 | 24 | 7 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 8 | 2 | 0 | 7 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 29 | 136 | 404 | 993 | 2,462 | 166 | 34 | 145 | 438 | 1,248 | 3,167 | 223 |
| Death rate attributable to tobacco | - | 22 | 31 | 17 | 7 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 8 | 2 | 0 | 6 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 27 | 85 | 258 | 795 | 2,956 | 132 | 36 | 133 | 343 | 1,115 | 3,402 | 206 |
| Death rate attributable to tobacco | - | 16 | 25 | 20 | 12 | 8 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 19 | 10 | 3 | 0 | 6 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 31 | 131 | 412 | 934 | 1,821 | 157 | 29 | 77 | 203 | 478 | 1,089 | 102 |
| Death rate attributable to tobacco | - | 32 | 123 | 179 | 387 | 34 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 25 | 30 | 19 | 21 | 21 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 7 | 57 | 225 | 525 | 959 | 77 | 5 | 24 | 81 | 210 | 433 | 36 |
| Death rate attributable to tobacco | - | 27 | 108 | 163 | 345 | 29 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 47 | 48 | 31 | 36 | 38 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 23 | 74 | 187 | 410 | 862 | 81 | 24 | 53 | 122 | 268 | 655 | 66 |
| Death rate attributable to tobacco | - | 6 | 15 | 16 | 42 | 4 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | - | 7 | 8 | 4 | 5 | 5 | - | - | - | - | - | - |

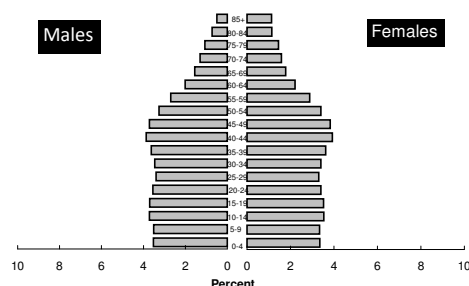
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

United States of America

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|----------------|----------------|----------------|
| 0-29 | 63,523 | 60,732 | 124,255 |
| 30-44 | 32,530 | 32,495 | 65,025 |
| 45-59 | 28,720 | 29,990 | 58,710 |
| 60-69 | 10,594 | 11,850 | 22,444 |
| 70-79 | 7,020 | 9,027 | 16,047 |
| 80+ | 3,608 | 6,755 | 10,363 |
| Total | 145,994 | 150,850 | 296,844 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1227 per 100,000 population) was about 15.7 times that for communicable diseases (78 per 100,000). Tobacco was responsible for 25% of all NCDs compared with 17% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 283 deaths per 100,000 population aged 30 years and over, with 21% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 95 deaths per 100,000 population but with 89% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 36% of all lower respiratory infection deaths and 23% of all tuberculosis deaths.

- The death rate due to tobacco in men was (320 per 100,000 men aged 30 years and over) compared with women (317 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 23% for men and 23% for women.

- Among those who died prematurely, almost one in every 7 deaths among those aged 30-44 and one in 4 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 28.1% of those whose death was due to a lower respiratory infection, 48.4% of deaths due to the category of 'all cardiovascular diseases combined', and 84% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 167 | 505 | 1,428 | 3,508 | 10,506 | 1,377 |
| Death rate attributable to tobacco | 23 | 135 | 478 | 1,042 | 1,743 | 318 |
| Proportion of deaths attributable to tobacco (%) | 14 | 27 | 33 | 30 | 17 | 23 |
| Death rate: Communicable diseases | 16 | 32 | 57 | 158 | 650 | 78 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 27 | 148 | 13 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 11 | 17 | 23 | 17 |
| Death rate: Tuberculosis | 0 | 0 | 0 | 1 | 2 | 0 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 19 | 23 | 26 | 24 | 23 |
| Death rate: Lower respiratory infections | 2 | 6 | 19 | 73 | 403 | 36 |
| Death rate attributable to tobacco | 0 | 2 | 6 | 27 | 147 | 13 |
| Proportion of deaths attributable to tobacco (%) | 25 | 28 | 34 | 37 | 37 | 36 |
| Death rate: Noncommunicable diseases | 92 | 414 | 1,316 | 3,260 | 9,614 | 1,227 |
| Death rate attributable to tobacco | 22 | 134 | 471 | 1,015 | 1,595 | 305 |
| Proportion of deaths attributable to tobacco (%) | 24 | 32 | 36 | 31 | 17 | 25 |
| Death rate: All malignant neoplasms | 27 | 159 | 535 | 1,067 | 1,618 | 330 |
| Death rate attributable to tobacco | 4 | 52 | 221 | 427 | 466 | 116 |
| Proportion of deaths attributable to tobacco (%) | 16 | 33 | 41 | 40 | 29 | 35 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 43 | 186 | 355 | 357 | 95 |
| Death rate attributable to tobacco | 2 | 37 | 169 | 324 | 316 | 84 |
| Proportion of deaths attributable to tobacco (%) | 59 | 84 | 91 | 91 | 89 | 89 |
| Death rate: All other malignant neoplasms | 23 | 116 | 349 | 712 | 1,261 | 236 |
| Death rate attributable to tobacco | 2 | 15 | 52 | 102 | 149 | 31 |
| Proportion of deaths attributable to tobacco (%) | 9 | 13 | 15 | 14 | 12 | 13 |
| Death rate: All Cardiovascular diseases | 31 | 140 | 443 | 1,236 | 4,848 | 523 |
| Death rate attributable to tobacco | 16 | 68 | 161 | 311 | 541 | 112 |
| Proportion of deaths attributable to tobacco (%) | 52 | 48 | 36 | 25 | 11 | 21 |
| Death rate: Ischaemic heart disease | 13 | 80 | 269 | 707 | 2,503 | 283 |
| Death rate attributable to tobacco | 7 | 37 | 91 | 161 | 309 | 61 |
| Proportion of deaths attributable to tobacco (%) | 53 | 46 | 34 | 23 | 12 | 21 |
| Death rate: Cerebrovascular disease | 5 | 19 | 62 | 217 | 934 | 92 |
| Death rate attributable to tobacco | 2 | 9 | 24 | 60 | 6 | 13 |
| Proportion of deaths attributable to tobacco (%) | 47 | 51 | 38 | 28 | 1 | 14 |
| Death rate: Other cardiovascular diseases | 13 | 41 | 112 | 312 | 1,411 | 147 |
| Death rate attributable to tobacco | 7 | 21 | 46 | 90 | 226 | 38 |
| Proportion of deaths attributable to tobacco (%) | 53 | 52 | 41 | 29 | 16 | 26 |
| Death rate: Respiratory diseases | 3 | 19 | 108 | 341 | 784 | 100 |
| Death rate attributable to tobacco | 1 | 11 | 78 | 250 | 536 | 70 |
| Proportion of deaths attributable to tobacco (%) | 40 | 61 | 72 | 73 | 68 | 70 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 12 | 84 | 260 | 526 | 71 |
| Death rate attributable to tobacco | 1 | 9 | 70 | 221 | 444 | 60 |
| Proportion of deaths attributable to tobacco (%) | 77 | 80 | 84 | 85 | 84 | 84 |
| Death rate: Other respiratory diseases | 2 | 7 | 25 | 81 | 258 | 29 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 29 | 92 | 10 |
| Proportion of deaths attributable to tobacco (%) | 25 | 28 | 34 | 36 | 36 | 35 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 211 | 630 | 1,747 | 4,285 | 11,479 | 1,394 | 122 | 386 | 1,143 | 2,903 | 9,987 | 1,362 |
| Death rate attributable to tobacco | 33 | 174 | 567 | 1,187 | 1,644 | 320 | 12 | 98 | 398 | 929 | 1,796 | 317 |
| Proportion of deaths attributable to tobacco (%) | 16 | 28 | 32 | 28 | 14 | 23 | 10 | 25 | 35 | 32 | 18 | 23 |
| <u>Death rate: Communicable diseases</u> | 20 | 42 | 67 | 185 | 710 | 78 | 12 | 22 | 48 | 137 | 619 | 78 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 26 | 127 | 10 | 0 | 1 | 6 | 27 | 160 | 16 |
| Proportion of deaths attributable to tobacco (%) | 3 | 4 | 10 | 14 | 18 | 12 | 3 | 7 | 13 | 20 | 26 | 21 |
| <u>Death rate: Tuberculosis</u> | 0 | 0 | 1 | 2 | 4 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| Death rate attributable to tobacco | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Proportion of deaths attributable to tobacco (%) | 18 | 19 | 22 | 22 | 21 | 21 | 15 | 19 | 26 | 30 | 27 | 26 |
| <u>Death rate: Lower respiratory infections</u> | 2 | 7 | 23 | 89 | 453 | 34 | 2 | 5 | 15 | 59 | 377 | 38 |
| Death rate attributable to tobacco | 0 | 2 | 7 | 26 | 126 | 9 | 0 | 1 | 6 | 27 | 159 | 16 |
| Proportion of deaths attributable to tobacco (%) | 24 | 26 | 29 | 29 | 28 | 28 | 26 | 31 | 40 | 45 | 42 | 42 |
| <u>Death rate: Noncommunicable diseases</u> | 105 | 502 | 1,601 | 3,974 | 10,452 | 1,217 | 79 | 330 | 1,062 | 2,705 | 9,167 | 1,236 |
| Death rate attributable to tobacco | 33 | 173 | 560 | 1,160 | 1,517 | 310 | 12 | 97 | 392 | 902 | 1,637 | 301 |
| Proportion of deaths attributable to tobacco (%) | 31 | 34 | 35 | 29 | 15 | 25 | 15 | 29 | 37 | 33 | 18 | 24 |
| <u>Death rate: All malignant neoplasms</u> | 24 | 169 | 621 | 1,332 | 2,191 | 357 | 31 | 151 | 458 | 861 | 1,312 | 306 |
| Death rate attributable to tobacco | 6 | 69 | 292 | 586 | 712 | 145 | 3 | 36 | 158 | 302 | 334 | 89 |
| Proportion of deaths attributable to tobacco (%) | 23 | 41 | 47 | 44 | 33 | 41 | 11 | 24 | 34 | 35 | 25 | 29 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 52 | 231 | 468 | 530 | 112 | 4 | 35 | 146 | 266 | 265 | 79 |
| Death rate attributable to tobacco | 3 | 45 | 214 | 437 | 488 | 103 | 2 | 29 | 129 | 236 | 225 | 68 |
| Proportion of deaths attributable to tobacco (%) | 60 | 86 | 93 | 93 | 92 | 91 | 58 | 81 | 89 | 89 | 85 | 86 |
| <u>Death rate: All other malignant neoplasms</u> | 20 | 117 | 390 | 863 | 1,661 | 245 | 27 | 115 | 312 | 595 | 1,047 | 227 |
| Death rate attributable to tobacco | 3 | 24 | 79 | 149 | 225 | 42 | 1 | 7 | 29 | 66 | 109 | 21 |
| Proportion of deaths attributable to tobacco (%) | 15 | 21 | 20 | 17 | 14 | 17 | 4 | 6 | 9 | 11 | 10 | 9 |
| <u>Death rate: All Cardiovascular diseases</u> | 41 | 195 | 593 | 1,550 | 5,015 | 511 | 21 | 88 | 309 | 992 | 4,758 | 533 |
| Death rate attributable to tobacco | 25 | 89 | 173 | 269 | 120 | 91 | 7 | 48 | 150 | 344 | 767 | 130 |
| Proportion of deaths attributable to tobacco (%) | 62 | 46 | 29 | 17 | 2 | 18 | 34 | 55 | 49 | 35 | 16 | 24 |
| <u>Death rate: Ischaemic heart disease</u> | 20 | 122 | 383 | 956 | 2,805 | 304 | 7 | 41 | 166 | 514 | 2,342 | 265 |
| Death rate attributable to tobacco | 12 | 54 | 108 | 160 | 62 | 54 | 2 | 21 | 77 | 162 | 441 | 67 |
| Proportion of deaths attributable to tobacco (%) | 62 | 44 | 28 | 17 | 2 | 18 | 26 | 52 | 46 | 32 | 19 | 25 |
| <u>Death rate: Cerebrovascular disease</u> | 5 | 21 | 72 | 235 | 837 | 75 | 4 | 17 | 54 | 202 | 985 | 108 |
| Death rate attributable to tobacco | 2 | 9 | 20 | 36 | 19 | 10 | 2 | 10 | 27 | 80 | - | 16 |
| Proportion of deaths attributable to tobacco (%) | 43 | 45 | 28 | 15 | 2 | 14 | 51 | 58 | 50 | 39 | - | 14 |
| <u>Death rate: Other cardiovascular diseases</u> | 16 | 52 | 139 | 359 | 1,373 | 133 | 10 | 30 | 88 | 276 | 1,432 | 160 |
| Death rate attributable to tobacco | 11 | 26 | 46 | 74 | 39 | 27 | 3 | 17 | 46 | 102 | 326 | 48 |
| Proportion of deaths attributable to tobacco (%) | 67 | 50 | 33 | 21 | 3 | 20 | 31 | 57 | 52 | 37 | 23 | 30 |
| <u>Death rate: Respiratory diseases</u> | 3 | 20 | 121 | 407 | 1,006 | 102 | 3 | 18 | 97 | 289 | 666 | 99 |
| Death rate attributable to tobacco | 1 | 12 | 83 | 279 | 638 | 67 | 1 | 11 | 74 | 228 | 482 | 73 |
| Proportion of deaths attributable to tobacco (%) | 41 | 59 | 69 | 69 | 63 | 65 | 39 | 62 | 77 | 79 | 72 | 74 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 1 | 13 | 92 | 305 | 678 | 72 | 1 | 11 | 76 | 224 | 445 | 70 |
| Death rate attributable to tobacco | 1 | 10 | 75 | 249 | 547 | 58 | 1 | 9 | 66 | 199 | 389 | 61 |
| Proportion of deaths attributable to tobacco (%) | 78 | 79 | 81 | 82 | 81 | 81 | 76 | 81 | 86 | 89 | 87 | 87 |
| <u>Death rate: Other respiratory diseases</u> | 2 | 8 | 29 | 102 | 329 | 30 | 2 | 7 | 21 | 64 | 220 | 29 |
| Death rate attributable to tobacco | 1 | 2 | 8 | 30 | 91 | 8 | 1 | 2 | 8 | 29 | 93 | 12 |
| Proportion of deaths attributable to tobacco (%) | 24 | 26 | 29 | 29 | 28 | 28 | 26 | 31 | 40 | 45 | 42 | 41 |

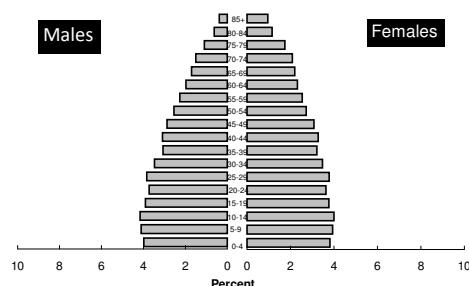
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Uruguay

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|--------------|
| 0-29 | 789 | 762 | 1,551 |
| 30-44 | 320 | 331 | 651 |
| 45-59 | 255 | 277 | 532 |
| 60-69 | 122 | 150 | 272 |
| 70-79 | 86 | 127 | 213 |
| 80+ | 33 | 70 | 104 |
| Total | 1,605 | 1,719 | 3,324 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1477 per 100,000 population) was about 13.6 times that for communicable diseases (109 per 100,000). Tobacco was responsible for 16% of all NCDs compared with 10% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 208 deaths per 100,000 population aged 30 years and over, with 14% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 70 deaths per 100,000 population but with 84% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 16% of all lower respiratory infection deaths and 17% of all tuberculosis deaths.

- The death rate due to tobacco in men was (450 per 100,000 men aged 30 years and over) compared with women (66 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 24% for men and 5% for women.

- Among those who died prematurely, almost one in every 6 deaths among those aged 30-44 and one in 3 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 34.5% of those whose death was due to a lower respiratory infection, 53.7% of deaths due to the category of 'all cardiovascular diseases combined', and 87.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 170 | 641 | 1,787 | 4,056 | 11,084 | 1,665 |
| Death rate attributable to tobacco | 29 | 195 | 393 | 565 | 768 | 243 |
| Proportion of deaths attributable to tobacco (%) | 17 | 30 | 22 | 14 | 7 | 15 |
| Death rate: Communicable diseases | 21 | 38 | 85 | 227 | 841 | 109 |
| Death rate attributable to tobacco | 1 | 5 | 9 | 21 | 77 | 11 |
| Proportion of deaths attributable to tobacco (%) | 6 | 14 | 11 | 9 | 9 | 10 |
| Death rate: Tuberculosis | 1 | 4 | 7 | 11 | 14 | 5 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 1 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 29 | 24 | 18 | 13 | 9 | 17 |
| Death rate: Lower respiratory infections | 2 | 13 | 34 | 125 | 624 | 62 |
| Death rate attributable to tobacco | 1 | 4 | 8 | 19 | 76 | 10 |
| Proportion of deaths attributable to tobacco (%) | 38 | 35 | 24 | 15 | 12 | 16 |
| Death rate: Noncommunicable diseases | 99 | 535 | 1,622 | 3,718 | 9,985 | 1,477 |
| Death rate attributable to tobacco | 28 | 190 | 384 | 544 | 691 | 232 |
| Proportion of deaths attributable to tobacco (%) | 29 | 36 | 24 | 15 | 7 | 16 |
| Death rate: All malignant neoplasms | 44 | 242 | 664 | 1,160 | 1,904 | 442 |
| Death rate attributable to tobacco | 8 | 80 | 186 | 237 | 259 | 99 |
| Proportion of deaths attributable to tobacco (%) | 18 | 33 | 28 | 20 | 14 | 22 |
| Death rate: Trachea, bronchus, lung cancers | 6 | 55 | 127 | 177 | 175 | 70 |
| Death rate attributable to tobacco | 4 | 48 | 110 | 147 | 135 | 58 |
| Proportion of deaths attributable to tobacco (%) | 73 | 87 | 87 | 83 | 77 | 84 |
| Death rate: All other malignant neoplasms | 38 | 187 | 537 | 982 | 1,728 | 372 |
| Death rate attributable to tobacco | 4 | 32 | 76 | 90 | 124 | 41 |
| Proportion of deaths attributable to tobacco (%) | 10 | 17 | 14 | 9 | 7 | 11 |
| Death rate: All Cardiovascular diseases | 28 | 173 | 585 | 1,530 | 4,864 | 620 |
| Death rate attributable to tobacco | 18 | 93 | 136 | 141 | 79 | 77 |
| Proportion of deaths attributable to tobacco (%) | 65 | 54 | 23 | 9 | 2 | 12 |
| Death rate: Ischaemic heart disease | 6 | 70 | 249 | 571 | 1,341 | 208 |
| Death rate attributable to tobacco | 4 | 38 | 59 | 54 | 25 | 30 |
| Proportion of deaths attributable to tobacco (%) | 63 | 54 | 24 | 9 | 2 | 14 |
| Death rate: Cerebrovascular disease | 9 | 60 | 197 | 544 | 1,672 | 215 |
| Death rate attributable to tobacco | 6 | 31 | 42 | 44 | 8 | 24 |
| Proportion of deaths attributable to tobacco (%) | 59 | 52 | 21 | 8 | 1 | 11 |
| Death rate: Other cardiovascular diseases | 13 | 43 | 139 | 414 | 1,852 | 197 |
| Death rate attributable to tobacco | 9 | 24 | 35 | 43 | 45 | 24 |
| Proportion of deaths attributable to tobacco (%) | 71 | 56 | 26 | 10 | 2 | 12 |
| Death rate: Respiratory diseases | 5 | 29 | 108 | 308 | 882 | 116 |
| Death rate attributable to tobacco | 2 | 15 | 56 | 155 | 337 | 52 |
| Proportion of deaths attributable to tobacco (%) | 43 | 53 | 52 | 50 | 38 | 45 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 11 | 63 | 198 | 431 | 62 |
| Death rate attributable to tobacco | 0 | 10 | 46 | 138 | 282 | 43 |
| Proportion of deaths attributable to tobacco (%) | 84 | 84 | 74 | 70 | 66 | 70 |
| Death rate: Other respiratory diseases | 4 | 17 | 45 | 111 | 451 | 53 |
| Death rate attributable to tobacco | 2 | 6 | 9 | 17 | 55 | 9 |
| Proportion of deaths attributable to tobacco (%) | 37 | 33 | 21 | 15 | 12 | 17 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|-------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 213 | 875 | 2,620 | 5,744 | 13,450 | 1,904 | 127 | 426 | 1,109 | 2,910 | 9,964 | 1,461 |
| Death rate attributable to tobacco | 42 | 341 | 793 | 1,251 | 1,861 | 450 | 17 | 62 | 68 | 99 | 251 | 66 |
| Proportion of deaths attributable to tobacco (%) | 20 | 39 | 30 | 22 | 14 | 24 | 14 | 14 | 6 | 3 | 3 | 5 |
| <u>Death rate: Communicable diseases</u> | 27 | 54 | 131 | 288 | 964 | 117 | 15 | 23 | 48 | 185 | 783 | 102 |
| Death rate attributable to tobacco | 2 | 10 | 20 | 44 | 164 | 18 | 1 | 1 | 1 | 5 | 36 | 4 |
| Proportion of deaths attributable to tobacco (%) | 6 | 18 | 15 | 15 | 17 | 15 | 5 | 5 | 2 | 3 | 5 | 4 |
| <u>Death rate: Tuberculosis</u> | 1 | 6 | 11 | 18 | 17 | 7 | 1 | 2 | 3 | 7 | 13 | 3 |
| Death rate attributable to tobacco | 1 | 2 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proportion of deaths attributable to tobacco (%) | 35 | 31 | 23 | 18 | 17 | 24 | 18 | 9 | 3 | 3 | 3 | 5 |
| <u>Death rate: Lower respiratory infections</u> | 3 | 21 | 57 | 167 | 705 | 62 | 2 | 6 | 16 | 96 | 586 | 61 |
| Death rate attributable to tobacco | 1 | 8 | 17 | 41 | 162 | 16 | 1 | 1 | 1 | 5 | 35 | 4 |
| Proportion of deaths attributable to tobacco (%) | 43 | 40 | 30 | 24 | 23 | 26 | 30 | 17 | 7 | 5 | 6 | 6 |
| <u>Death rate: Noncommunicable diseases</u> | 104 | 708 | 2,348 | 5,252 | 12,143 | 1,664 | 94 | 375 | 1,031 | 2,675 | 8,963 | 1,318 |
| Death rate attributable to tobacco | 40 | 331 | 773 | 1,207 | 1,696 | 431 | 17 | 61 | 67 | 94 | 215 | 62 |
| Proportion of deaths attributable to tobacco (%) | 39 | 47 | 33 | 23 | 14 | 26 | 18 | 16 | 6 | 4 | 2 | 5 |
| <u>Death rate: All malignant neoplasms</u> | 36 | 296 | 956 | 1,718 | 2,905 | 550 | 51 | 193 | 427 | 781 | 1,430 | 349 |
| Death rate attributable to tobacco | 11 | 147 | 390 | 544 | 702 | 195 | 5 | 19 | 20 | 28 | 49 | 18 |
| Proportion of deaths attributable to tobacco (%) | 30 | 50 | 41 | 32 | 24 | 35 | 10 | 10 | 5 | 4 | 3 | 5 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 8 | 93 | 247 | 373 | 419 | 125 | 4 | 19 | 30 | 45 | 60 | 22 |
| Death rate attributable to tobacco | 6 | 86 | 229 | 342 | 377 | 115 | 3 | 13 | 13 | 15 | 20 | 10 |
| Proportion of deaths attributable to tobacco (%) | 78 | 92 | 93 | 92 | 90 | 92 | 63 | 65 | 45 | 34 | 33 | 46 |
| <u>Death rate: All other malignant neoplasms</u> | 28 | 203 | 709 | 1,345 | 2,485 | 424 | 47 | 173 | 397 | 736 | 1,370 | 327 |
| Death rate attributable to tobacco | 5 | 61 | 161 | 203 | 325 | 80 | 3 | 6 | 7 | 13 | 29 | 8 |
| Proportion of deaths attributable to tobacco (%) | 17 | 30 | 23 | 15 | 13 | 19 | 6 | 3 | 2 | 2 | 2 | 2 |
| <u>Death rate: All Cardiovascular diseases</u> | 34 | 249 | 850 | 2,074 | 5,284 | 653 | 21 | 103 | 370 | 1,160 | 4,665 | 593 |
| Death rate attributable to tobacco | 27 | 153 | 261 | 289 | 101 | 132 | 10 | 37 | 34 | 41 | 68 | 30 |
| Proportion of deaths attributable to tobacco (%) | 78 | 62 | 31 | 14 | 2 | 20 | 46 | 36 | 9 | 4 | 1 | 5 |
| <u>Death rate: Ischaemic heart disease</u> | 8 | 113 | 399 | 866 | 1,762 | 262 | 4 | 30 | 128 | 371 | 1,141 | 163 |
| Death rate attributable to tobacco | 6 | 68 | 118 | 118 | 30 | 55 | 1 | 10 | 10 | 11 | 23 | 8 |
| Proportion of deaths attributable to tobacco (%) | 79 | 60 | 30 | 14 | 2 | 21 | 31 | 32 | 8 | 3 | 2 | 5 |
| <u>Death rate: Cerebrovascular disease</u> | 8 | 76 | 257 | 675 | 1,527 | 199 | 11 | 44 | 149 | 455 | 1,740 | 229 |
| Death rate attributable to tobacco | 5 | 47 | 75 | 82 | 26 | 38 | 6 | 17 | 14 | 18 | - | 12 |
| Proportion of deaths attributable to tobacco (%) | 64 | 61 | 29 | 12 | 2 | 19 | 56 | 38 | 10 | 4 | - | 5 |
| <u>Death rate: Other cardiovascular diseases</u> | 19 | 59 | 194 | 533 | 1,995 | 192 | 7 | 29 | 93 | 334 | 1,784 | 201 |
| Death rate attributable to tobacco | 15 | 39 | 67 | 89 | 44 | 39 | 2 | 11 | 9 | 12 | 45 | 10 |
| Proportion of deaths attributable to tobacco (%) | 83 | 66 | 35 | 17 | 2 | 21 | 37 | 37 | 10 | 4 | 3 | 5 |
| <u>Death rate: Respiratory diseases</u> | 5 | 45 | 173 | 549 | 1,473 | 160 | 4 | 14 | 55 | 145 | 602 | 78 |
| Death rate attributable to tobacco | 2 | 27 | 111 | 349 | 853 | 98 | 2 | 4 | 11 | 24 | 93 | 13 |
| Proportion of deaths attributable to tobacco (%) | 47 | 61 | 64 | 64 | 58 | 61 | 37 | 30 | 20 | 16 | 15 | 17 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 0 | 20 | 112 | 403 | 965 | 105 | 1 | 4 | 23 | 58 | 178 | 26 |
| Death rate attributable to tobacco | 0 | 17 | 92 | 313 | 737 | 82 | 1 | 2 | 9 | 19 | 67 | 10 |
| Proportion of deaths attributable to tobacco (%) | 89 | 88 | 82 | 78 | 76 | 79 | 80 | 66 | 40 | 33 | 38 | 38 |
| <u>Death rate: Other respiratory diseases</u> | 5 | 25 | 62 | 146 | 508 | 55 | 4 | 10 | 32 | 87 | 424 | 52 |
| Death rate attributable to tobacco | 2 | 10 | 19 | 36 | 116 | 15 | 1 | 2 | 2 | 4 | 26 | 4 |
| Proportion of deaths attributable to tobacco (%) | 43 | 40 | 30 | 24 | 23 | 28 | 30 | 17 | 7 | 5 | 6 | 7 |

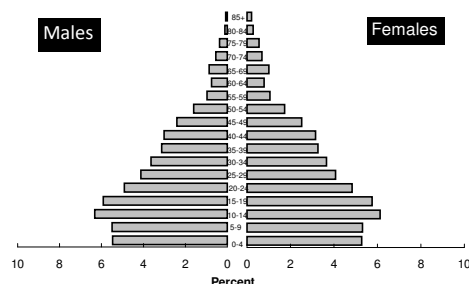
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Uzbekistan

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 8,449 | 8,222 | 16,670 |
| 30-44 | 2,565 | 2,639 | 5,204 |
| 45-59 | 1,306 | 1,389 | 2,695 |
| 60-69 | 422 | 471 | 893 |
| 70-79 | 240 | 328 | 567 |
| 80+ | 51 | 128 | 179 |
| Total | 13,033 | 13,176 | 26,209 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1291 per 100,000 population) was about 19.9 times that for communicable diseases (65 per 100,000). Tobacco was responsible for 7% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 549 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 15 deaths per 100,000 population but with 56% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (143 per 100,000 men aged 30 years and over) compared with women (42 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 10% for men and 3% for women.

- Among those who died prematurely, almost one in every 5 deaths among those aged 30-44 and one in 9 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 6.8% of those whose death was due to a lower respiratory infection, 15.9% of deaths due to the category of 'all cardiovascular diseases combined', and 52.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 252 | 839 | 3,164 | 6,964 | 17,653 | 1,416 |
| Death rate attributable to tobacco | 46 | 90 | 302 | 192 | 33 | 91 |
| Proportion of deaths attributable to tobacco (%) | 18 | 11 | 10 | 3 | 0 | 6 |
| Death rate: Communicable diseases | 41 | 60 | 114 | 150 | 302 | 65 |
| Death rate attributable to tobacco | 6 | 3 | 7 | 4 | 2 | 5 |
| Proportion of deaths attributable to tobacco (%) | 15 | 5 | 6 | 3 | 1 | 8 |
| Death rate: Tuberculosis | 31 | 34 | 42 | 48 | 37 | 34 |
| Death rate attributable to tobacco | 5 | 2 | 3 | 2 | 0 | 4 |
| Proportion of deaths attributable to tobacco (%) | 16 | 6 | 6 | 3 | 1 | 11 |
| Death rate: Lower respiratory infections | 4 | 17 | 61 | 90 | 241 | 23 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 3 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | 26 | 7 | 8 | 3 | 1 | 7 |
| Death rate: Noncommunicable diseases | 158 | 711 | 2,968 | 6,754 | 17,266 | 1,291 |
| Death rate attributable to tobacco | 40 | 86 | 295 | 187 | 31 | 86 |
| Proportion of deaths attributable to tobacco (%) | 26 | 12 | 10 | 3 | 0 | 7 |
| Death rate: All malignant neoplasms | 29 | 114 | 305 | 385 | 342 | 106 |
| Death rate attributable to tobacco | 6 | 17 | 71 | 50 | 9 | 18 |
| Proportion of deaths attributable to tobacco (%) | 20 | 15 | 23 | 13 | 3 | 17 |
| Death rate: Trachea, bronchus, lung cancers | 4 | 15 | 52 | 58 | 31 | 15 |
| Death rate attributable to tobacco | 2 | 8 | 35 | 28 | 6 | 9 |
| Proportion of deaths attributable to tobacco (%) | 59 | 53 | 68 | 48 | 18 | 56 |
| Death rate: All other malignant neoplasms | 25 | 99 | 253 | 326 | 310 | 91 |
| Death rate attributable to tobacco | 3 | 9 | 35 | 22 | 4 | 9 |
| Proportion of deaths attributable to tobacco (%) | 14 | 9 | 14 | 7 | 1 | 10 |
| Death rate: All Cardiovascular diseases | 63 | 402 | 2,101 | 5,545 | 15,767 | 970 |
| Death rate attributable to tobacco | 31 | 64 | 187 | 95 | 4 | 58 |
| Proportion of deaths attributable to tobacco (%) | 50 | 16 | 9 | 2 | 0 | 6 |
| Death rate: Ischaemic heart disease | 26 | 205 | 1,196 | 3,334 | 8,885 | 549 |
| Death rate attributable to tobacco | 13 | 32 | 103 | 56 | 2 | 29 |
| Proportion of deaths attributable to tobacco (%) | 50 | 16 | 9 | 2 | 0 | 5 |
| Death rate: Cerebrovascular disease | 10 | 90 | 481 | 1,178 | 3,969 | 221 |
| Death rate attributable to tobacco | 5 | 14 | 43 | 19 | 1 | 12 |
| Proportion of deaths attributable to tobacco (%) | 46 | 16 | 9 | 2 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 26 | 106 | 424 | 1,033 | 2,912 | 200 |
| Death rate attributable to tobacco | 13 | 17 | 41 | 20 | 1 | 17 |
| Proportion of deaths attributable to tobacco (%) | 51 | 16 | 10 | 2 | 0 | 9 |
| Death rate: Respiratory diseases | 5 | 20 | 105 | 235 | 469 | 41 |
| Death rate attributable to tobacco | 3 | 5 | 32 | 39 | 18 | 8 |
| Proportion of deaths attributable to tobacco (%) | 47 | 23 | 30 | 17 | 4 | 20 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 9 | 62 | 145 | 310 | 24 |
| Death rate attributable to tobacco | 2 | 4 | 28 | 36 | 17 | 7 |
| Proportion of deaths attributable to tobacco (%) | 77 | 41 | 45 | 25 | 5 | 30 |
| Death rate: Other respiratory diseases | 3 | 11 | 42 | 90 | 160 | 17 |
| Death rate attributable to tobacco | 1 | 1 | 4 | 3 | 1 | 1 |
| Proportion of deaths attributable to tobacco (%) | 25 | 7 | 8 | 3 | 1 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 316 | 1,066 | 3,837 | 7,837 | 17,914 | 1,444 | 190 | 625 | 2,560 | 6,324 | 17,549 | 1,391 |
| Death rate attributable to tobacco | 65 | 151 | 471 | 370 | 115 | 143 | 29 | 32 | 151 | 61 | - | 42 |
| Proportion of deaths attributable to tobacco (%) | 21 | 14 | 12 | 5 | 1 | 10 | 15 | 5 | 6 | 1 | - | 3 |
| <u>Death rate: Communicable diseases</u> | 55 | 83 | 142 | 193 | 409 | 82 | 28 | 38 | 89 | 119 | 258 | 49 |
| Death rate attributable to tobacco | 9 | 6 | 12 | 9 | 5 | 8 | 4 | 1 | 3 | 1 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 16 | 7 | 8 | 4 | 1 | 10 | 14 | 2 | 4 | 1 | - | 5 |
| <u>Death rate: Tuberculosis</u> | 48 | 55 | 65 | 88 | 80 | 54 | 14 | 15 | 21 | 18 | 19 | 15 |
| Death rate attributable to tobacco | 8 | 4 | 5 | 3 | 1 | 6 | 2 | 0 | 1 | 0 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 16 | 7 | 8 | 4 | 1 | 11 | 17 | 2 | 2 | 1 | - | 9 |
| <u>Death rate: Lower respiratory infections</u> | 4 | 20 | 63 | 93 | 301 | 22 | 5 | 15 | 59 | 88 | 216 | 24 |
| Death rate attributable to tobacco | 1 | 2 | 7 | 5 | 5 | 2 | 1 | 0 | 3 | 1 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 9 | 11 | 5 | 2 | 9 | 28 | 3 | 5 | 1 | - | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 174 | 871 | 3,561 | 7,556 | 17,388 | 1,263 | 142 | 561 | 2,436 | 6,166 | 17,218 | 1,316 |
| Death rate attributable to tobacco | 56 | 146 | 459 | 361 | 109 | 135 | 25 | 31 | 147 | 60 | - | 40 |
| Proportion of deaths attributable to tobacco (%) | 32 | 17 | 13 | 5 | 1 | 11 | 17 | 5 | 6 | 1 | - | 3 |
| <u>Death rate: All malignant neoplasms</u> | 23 | 110 | 370 | 458 | 399 | 107 | 35 | 118 | 247 | 331 | 319 | 106 |
| Death rate attributable to tobacco | 6 | 30 | 130 | 110 | 32 | 30 | 6 | 5 | 18 | 7 | - | 7 |
| Proportion of deaths attributable to tobacco (%) | 25 | 28 | 35 | 24 | 8 | 28 | 16 | 4 | 7 | 2 | - | 6 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 21 | 82 | 93 | 62 | 21 | 4 | 9 | 26 | 33 | 19 | 10 |
| Death rate attributable to tobacco | 2 | 14 | 64 | 62 | 20 | 15 | 3 | 2 | 9 | 4 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 57 | 66 | 79 | 67 | 32 | 69 | 61 | 24 | 36 | 11 | - | 31 |
| <u>Death rate: All other malignant neoplasms</u> | 19 | 89 | 289 | 366 | 337 | 86 | 31 | 110 | 221 | 297 | 300 | 96 |
| Death rate attributable to tobacco | 4 | 17 | 66 | 48 | 12 | 15 | 3 | 3 | 8 | 3 | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 19 | 19 | 23 | 13 | 4 | 18 | 11 | 2 | 4 | 1 | - | 4 |
| <u>Death rate: All Cardiovascular diseases</u> | 81 | 535 | 2,543 | 6,181 | 15,590 | 930 | 44 | 277 | 1,705 | 5,078 | 15,837 | 1,007 |
| Death rate attributable to tobacco | 47 | 106 | 275 | 173 | 15 | 91 | 16 | 23 | 108 | 39 | - | 28 |
| Proportion of deaths attributable to tobacco (%) | 58 | 20 | 11 | 3 | 0 | 10 | 36 | 8 | 6 | 1 | - | 3 |
| <u>Death rate: Ischaemic heart disease</u> | 38 | 300 | 1,482 | 3,786 | 9,231 | 545 | 14 | 116 | 940 | 3,002 | 8,747 | 554 |
| Death rate attributable to tobacco | 22 | 57 | 156 | 104 | 8 | 49 | 4 | 9 | 55 | 20 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 59 | 19 | 11 | 3 | 0 | 9 | 29 | 8 | 6 | 1 | - | 2 |
| <u>Death rate: Cerebrovascular disease</u> | 13 | 110 | 566 | 1,255 | 3,682 | 197 | 8 | 72 | 405 | 1,122 | 4,084 | 243 |
| Death rate attributable to tobacco | 5 | 22 | 59 | 31 | 3 | 16 | 4 | 7 | 28 | 11 | - | 8 |
| Proportion of deaths attributable to tobacco (%) | 40 | 20 | 10 | 2 | 0 | 8 | 54 | 10 | 7 | 1 | - | 3 |
| <u>Death rate: Other cardiovascular diseases</u> | 31 | 124 | 495 | 1,140 | 2,676 | 188 | 22 | 89 | 361 | 954 | 3,006 | 211 |
| Death rate attributable to tobacco | 20 | 27 | 60 | 37 | 3 | 26 | 7 | 8 | 25 | 8 | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 64 | 22 | 12 | 3 | 0 | 14 | 34 | 9 | 7 | 1 | - | 4 |
| <u>Death rate: Respiratory diseases</u> | 6 | 23 | 125 | 285 | 601 | 43 | 5 | 17 | 86 | 198 | 417 | 40 |
| Death rate attributable to tobacco | 3 | 7 | 46 | 75 | 61 | 12 | 2 | 2 | 19 | 13 | - | 5 |
| Proportion of deaths attributable to tobacco (%) | 49 | 30 | 36 | 26 | 10 | 29 | 46 | 13 | 22 | 7 | - | 12 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 11 | 70 | 178 | 407 | 25 | 2 | 8 | 56 | 120 | 271 | 23 |
| Death rate attributable to tobacco | 2 | 6 | 40 | 69 | 59 | 11 | 1 | 2 | 18 | 12 | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 75 | 53 | 57 | 39 | 14 | 43 | 78 | 25 | 32 | 10 | - | 16 |
| <u>Death rate: Other respiratory diseases</u> | 3 | 12 | 56 | 107 | 194 | 18 | 3 | 10 | 30 | 77 | 146 | 16 |
| Death rate attributable to tobacco | 1 | 1 | 6 | 6 | 3 | 2 | 1 | 0 | 1 | 1 | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 22 | 9 | 11 | 5 | 2 | 9 | 28 | 3 | 5 | 1 | - | 5 |

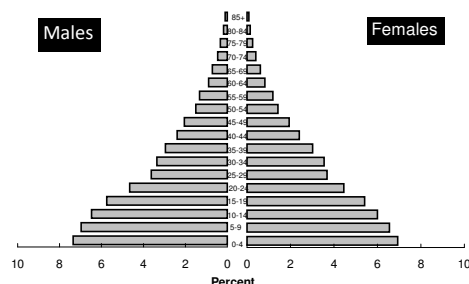
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Vanuatu

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|------------|------------|------------|
| 0-29 | 73 | 69 | 142 |
| 30-44 | 18 | 19 | 37 |
| 45-59 | 10 | 10 | 20 |
| 60-69 | 3 | 3 | 6 |
| 70-79 | 2 | 1 | 3 |
| 80+ | 1 | 0 | 1 |
| Total | 107 | 103 | 210 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (984 per 100,000 population) was about 4.5 times that for communicable diseases (217 per 100,000). Tobacco was responsible for 10% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 178 deaths per 100,000 population aged 30 years and over, with 6% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 18 deaths per 100,000 population but with 66% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 10% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (131 per 100,000 men aged 30 years and over) compared with women (75 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 7% for women.

- Among those who died prematurely, almost one in every 16 deaths among those aged 30-44 and one in 12 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 6.1% of those whose death was due to a lower respiratory infection, 12.9% of deaths due to the category of 'all cardiovascular diseases combined', and 45.4% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 289 | 905 | 2,619 | 6,525 | 16,975 | 1,238 |
| Death rate attributable to tobacco | 18 | 77 | 238 | 536 | 1,497 | 103 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 9 | 8 | 9 | 8 |
| Death rate: Communicable diseases | 63 | 136 | 386 | 1,210 | 3,166 | 217 |
| Death rate attributable to tobacco | 1 | 3 | 13 | 40 | 145 | 7 |
| Proportion of deaths attributable to tobacco (%) | 2 | 2 | 3 | 3 | 5 | 3 |
| Death rate: Tuberculosis | 7 | 50 | 143 | 283 | 185 | 47 |
| Death rate attributable to tobacco | 0 | 2 | 8 | 15 | 20 | 3 |
| Proportion of deaths attributable to tobacco (%) | 7 | 3 | 6 | 5 | 11 | 5 |
| Death rate: Lower respiratory infections | 6 | 19 | 65 | 321 | 840 | 43 |
| Death rate attributable to tobacco | 1 | 1 | 5 | 25 | 123 | 4 |
| Proportion of deaths attributable to tobacco (%) | 15 | 6 | 8 | 8 | 15 | 10 |
| Death rate: Noncommunicable diseases | 192 | 737 | 2,184 | 5,257 | 13,655 | 984 |
| Death rate attributable to tobacco | 17 | 74 | 225 | 496 | 1,351 | 96 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 10 | 9 | 10 | 10 |
| Death rate: All malignant neoplasms | 46 | 116 | 259 | 499 | 1,296 | 127 |
| Death rate attributable to tobacco | 3 | 9 | 49 | 109 | 312 | 19 |
| Proportion of deaths attributable to tobacco (%) | 7 | 8 | 19 | 22 | 24 | 15 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 13 | 54 | 102 | 207 | 18 |
| Death rate attributable to tobacco | 2 | 6 | 38 | 72 | 166 | 12 |
| Proportion of deaths attributable to tobacco (%) | 66 | 45 | 70 | 70 | 80 | 66 |
| Death rate: All other malignant neoplasms | 43 | 104 | 205 | 397 | 1,089 | 109 |
| Death rate attributable to tobacco | 2 | 3 | 11 | 37 | 146 | 7 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 6 | 9 | 13 | 6 |
| Death rate: All Cardiovascular diseases | 81 | 386 | 1,214 | 2,957 | 7,688 | 529 |
| Death rate attributable to tobacco | 11 | 50 | 91 | 132 | 154 | 38 |
| Proportion of deaths attributable to tobacco (%) | 13 | 13 | 7 | 4 | 2 | 7 |
| Death rate: Ischaemic heart disease | 33 | 186 | 476 | 729 | 1,668 | 178 |
| Death rate attributable to tobacco | 1 | 16 | 41 | 32 | 34 | 11 |
| Proportion of deaths attributable to tobacco (%) | 3 | 9 | 9 | 4 | 2 | 6 |
| Death rate: Cerebrovascular disease | 28 | 103 | 399 | 975 | 2,535 | 168 |
| Death rate attributable to tobacco | 6 | 18 | 22 | 40 | 18 | 13 |
| Proportion of deaths attributable to tobacco (%) | 21 | 18 | 5 | 4 | 1 | 8 |
| Death rate: Other cardiovascular diseases | 20 | 97 | 339 | 1,254 | 3,485 | 184 |
| Death rate attributable to tobacco | 4 | 16 | 28 | 60 | 101 | 14 |
| Proportion of deaths attributable to tobacco (%) | 20 | 16 | 8 | 5 | 3 | 7 |
| Death rate: Respiratory diseases | 11 | 53 | 204 | 558 | 1,436 | 89 |
| Death rate attributable to tobacco | 2 | 13 | 77 | 243 | 828 | 37 |
| Proportion of deaths attributable to tobacco (%) | 21 | 25 | 38 | 44 | 58 | 41 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 40 | 184 | 514 | 1,245 | 74 |
| Death rate attributable to tobacco | 2 | 13 | 76 | 240 | 798 | 35 |
| Proportion of deaths attributable to tobacco (%) | 43 | 32 | 41 | 47 | 64 | 48 |
| Death rate: Other respiratory diseases | 8 | 14 | 21 | 43 | 191 | 15 |
| Death rate attributable to tobacco | 1 | 1 | 2 | 4 | 30 | 2 |
| Proportion of deaths attributable to tobacco (%) | 11 | 6 | 8 | 9 | 16 | 10 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 309 | 1,020 | 3,015 | 7,201 | 17,847 | 1,424 | 269 | 782 | 2,176 | 5,719 | 15,940 | 1,048 |
| Death rate attributable to tobacco | - | 45 | 450 | 805 | 1,969 | 131 | 35 | 111 | - | 214 | 936 | 75 |
| Proportion of deaths attributable to tobacco (%) | - | 4 | 15 | 11 | 11 | 9 | 13 | 14 | - | 4 | 6 | 7 |
| <u>Death rate: Communicable diseases</u> | 52 | 150 | 371 | 1,231 | 3,051 | 221 | 75 | 122 | 402 | 1,185 | 3,303 | 212 |
| Death rate attributable to tobacco | - | 2 | 25 | 60 | 186 | 9 | 3 | 4 | - | 17 | 97 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 1 | 7 | 5 | 6 | 4 | 4 | 4 | - | 1 | 3 | 2 |
| <u>Death rate: Tuberculosis</u> | 9 | 62 | 179 | 331 | 245 | 61 | 4 | 37 | 103 | 225 | 113 | 33 |
| Death rate attributable to tobacco | - | 1 | 15 | 24 | 32 | 4 | 1 | 2 | - | 5 | 7 | 1 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 8 | 7 | 13 | 6 | 20 | 7 | - | 2 | 6 | 4 |
| <u>Death rate: Lower respiratory infections</u> | 7 | 23 | 81 | 349 | 867 | 50 | 6 | 15 | 46 | 288 | 807 | 36 |
| Death rate attributable to tobacco | - | 1 | 10 | 36 | 154 | 5 | 2 | 2 | - | 11 | 86 | 3 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 12 | 10 | 18 | 11 | 33 | 12 | - | 4 | 11 | 9 |
| <u>Death rate: Noncommunicable diseases</u> | 208 | 825 | 2,565 | 5,911 | 14,649 | 1,150 | 176 | 643 | 1,757 | 4,476 | 12,475 | 814 |
| Death rate attributable to tobacco | - | 43 | 426 | 745 | 1,783 | 122 | 33 | 107 | - | 198 | 839 | 70 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 17 | 13 | 12 | 11 | 19 | 17 | - | 4 | 7 | 9 |
| <u>Death rate: All malignant neoplasms</u> | 21 | 76 | 263 | 568 | 1,407 | 111 | 70 | 160 | 254 | 418 | 1,165 | 143 |
| Death rate attributable to tobacco | - | 5 | 93 | 186 | 513 | 28 | 6 | 14 | - | 16 | 73 | 9 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 35 | 33 | 36 | 25 | 9 | 9 | - | 4 | 6 | 6 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | - | 10 | 88 | 152 | 317 | 25 | 5 | 15 | 15 | 42 | 77 | 11 |
| Death rate attributable to tobacco | - | 3 | 71 | 121 | 274 | 19 | 3 | 9 | - | 12 | 37 | 5 |
| Proportion of deaths attributable to tobacco (%) | - | 30 | 80 | 80 | 87 | 75 | 66 | 56 | - | 29 | 48 | 47 |
| <u>Death rate: All other malignant neoplasms</u> | 21 | 66 | 175 | 415 | 1,090 | 87 | 65 | 144 | 239 | 376 | 1,088 | 132 |
| Death rate attributable to tobacco | - | 1 | 22 | 65 | 239 | 10 | 3 | 5 | - | 4 | 36 | 4 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 12 | 16 | 22 | 11 | 5 | 3 | - | 1 | 3 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 117 | 494 | 1,423 | 3,294 | 8,165 | 651 | 45 | 270 | 981 | 2,555 | 7,122 | 404 |
| Death rate attributable to tobacco | - | 27 | 172 | 182 | 113 | 36 | 21 | 75 | - | 72 | 201 | 39 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 12 | 6 | 1 | 6 | 47 | 28 | - | 3 | 3 | 10 |
| <u>Death rate: Ischaemic heart disease</u> | 61 | 293 | 672 | 933 | 2,058 | 267 | 6 | 72 | 256 | 485 | 1,205 | 85 |
| Death rate attributable to tobacco | - | 15 | 77 | 49 | 26 | 15 | 2 | 18 | - | 11 | 44 | 7 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 12 | 5 | 1 | 6 | 34 | 24 | - | 2 | 4 | 9 |
| <u>Death rate: Cerebrovascular disease</u> | 37 | 98 | 363 | 1,079 | 2,674 | 183 | 19 | 108 | 439 | 851 | 2,371 | 152 |
| Death rate attributable to tobacco | - | 5 | 41 | 51 | 34 | 9 | 11 | 32 | - | 27 | - | 17 |
| Proportion of deaths attributable to tobacco (%) | - | 5 | 11 | 5 | 1 | 5 | 59 | 29 | - | 3 | - | 11 |
| <u>Death rate: Other cardiovascular diseases</u> | 20 | 103 | 387 | 1,283 | 3,434 | 201 | 20 | 90 | 285 | 1,219 | 3,545 | 166 |
| Death rate attributable to tobacco | - | 7 | 53 | 82 | 54 | 12 | 8 | 26 | - | 34 | 157 | 15 |
| Proportion of deaths attributable to tobacco (%) | - | 6 | 14 | 6 | 2 | 6 | 39 | 28 | - | 3 | 4 | 9 |
| <u>Death rate: Respiratory diseases</u> | 14 | 70 | 270 | 698 | 1,729 | 118 | 9 | 36 | 131 | 391 | 1,089 | 60 |
| Death rate attributable to tobacco | - | 11 | 147 | 360 | 1,083 | 54 | 5 | 16 | - | 104 | 525 | 19 |
| Proportion of deaths attributable to tobacco (%) | - | 16 | 54 | 52 | 63 | 46 | 53 | 44 | - | 27 | 48 | 32 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 3 | 53 | 242 | 637 | 1,480 | 98 | 4 | 25 | 118 | 368 | 967 | 50 |
| Death rate attributable to tobacco | - | 11 | 143 | 354 | 1,039 | 52 | 3 | 14 | - | 103 | 512 | 18 |
| Proportion of deaths attributable to tobacco (%) | - | 21 | 59 | 55 | 70 | 54 | 82 | 57 | - | 28 | 53 | 36 |
| <u>Death rate: Other respiratory diseases</u> | 10 | 17 | 28 | 60 | 249 | 21 | 5 | 10 | 13 | 23 | 122 | 10 |
| Death rate attributable to tobacco | - | 0 | 3 | 6 | 44 | 2 | 2 | 1 | - | 1 | 13 | 2 |
| Proportion of deaths attributable to tobacco (%) | - | 2 | 12 | 10 | 18 | 7 | 33 | 12 | - | 4 | 11 | 16 |

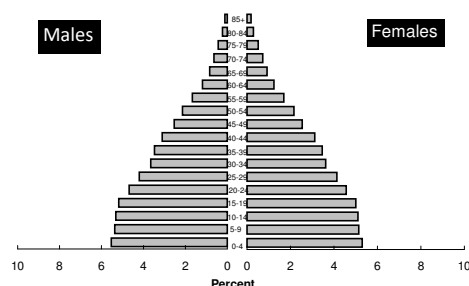
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Venezuela (Bolivarian Republic of)

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 7,954 | 7,683 | 15,637 |
| 30-44 | 2,686 | 2,678 | 5,364 |
| 45-59 | 1,663 | 1,679 | 3,342 |
| 60-69 | 532 | 569 | 1,101 |
| 70-79 | 278 | 324 | 602 |
| 80+ | 90 | 125 | 215 |
| Total | 13,203 | 13,058 | 26,260 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (676 per 100,000 population) was about 10.1 times that for communicable diseases (67 per 100,000). Tobacco was responsible for 13% of all NCDs compared with 5% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 170 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 25 deaths per 100,000 population but with 70% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 14% of all lower respiratory infection deaths and 9% of all tuberculosis deaths.

- The death rate due to tobacco in men was (101 per 100,000 men aged 30 years and over) compared with women (82 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 11% for men and 11% for women.

- Among those who died prematurely, almost one in every 13 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 14.6% of those whose death was due to a lower respiratory infection, 29.5% of deaths due to the category of 'all cardiovascular diseases combined', and 70.2% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|--------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 233 | 560 | 1,470 | 3,428 | 9,913 | 841 |
| Death rate attributable to tobacco | 18 | 87 | 184 | 359 | 765 | 92 |
| Proportion of deaths attributable to tobacco (%) | 8 | 16 | 12 | 10 | 8 | 11 |
| Death rate: Communicable diseases | 27 | 37 | 79 | 218 | 1,021 | 67 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 12 | 78 | 4 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 5 | 5 | 8 | 5 |
| Death rate: Tuberculosis | 2 | 5 | 12 | 26 | 52 | 6 |
| Death rate attributable to tobacco | 0 | 0 | 1 | 2 | 4 | 1 |
| Proportion of deaths attributable to tobacco (%) | 12 | 10 | 8 | 8 | 8 | 9 |
| Death rate: Lower respiratory infections | 4 | 8 | 23 | 76 | 516 | 22 |
| Death rate attributable to tobacco | 1 | 1 | 3 | 10 | 74 | 3 |
| Proportion of deaths attributable to tobacco (%) | 18 | 15 | 12 | 13 | 14 | 14 |
| Death rate: Noncommunicable diseases | 101 | 444 | 1,313 | 3,094 | 8,579 | 676 |
| Death rate attributable to tobacco | 18 | 86 | 180 | 348 | 687 | 88 |
| Proportion of deaths attributable to tobacco (%) | 17 | 19 | 14 | 11 | 8 | 13 |
| Death rate: All malignant neoplasms | 33 | 135 | 355 | 696 | 1,234 | 160 |
| Death rate attributable to tobacco | 3 | 24 | 66 | 118 | 153 | 26 |
| Proportion of deaths attributable to tobacco (%) | 10 | 18 | 19 | 17 | 12 | 16 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 23 | 65 | 113 | 135 | 25 |
| Death rate attributable to tobacco | 2 | 16 | 48 | 82 | 94 | 17 |
| Proportion of deaths attributable to tobacco (%) | 48 | 70 | 74 | 73 | 69 | 70 |
| Death rate: All other malignant neoplasms | 30 | 112 | 290 | 583 | 1,099 | 136 |
| Death rate attributable to tobacco | 2 | 8 | 18 | 36 | 60 | 8 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 6 | 6 | 5 | 6 |
| Death rate: All Cardiovascular diseases | 32 | 179 | 571 | 1,530 | 5,142 | 322 |
| Death rate attributable to tobacco | 13 | 53 | 78 | 119 | 165 | 41 |
| Proportion of deaths attributable to tobacco (%) | 40 | 29 | 14 | 8 | 3 | 13 |
| Death rate: Ischaemic heart disease | 15 | 105 | 338 | 806 | 2,409 | 170 |
| Death rate attributable to tobacco | 6 | 29 | 44 | 56 | 91 | 22 |
| Proportion of deaths attributable to tobacco (%) | 42 | 28 | 13 | 7 | 4 | 13 |
| Death rate: Cerebrovascular disease | 9 | 41 | 124 | 372 | 1,264 | 77 |
| Death rate attributable to tobacco | 3 | 13 | 18 | 32 | 3 | 9 |
| Proportion of deaths attributable to tobacco (%) | 36 | 31 | 15 | 9 | 0 | 12 |
| Death rate: Other cardiovascular diseases | 9 | 33 | 109 | 352 | 1,469 | 76 |
| Death rate attributable to tobacco | 4 | 10 | 17 | 30 | 71 | 10 |
| Proportion of deaths attributable to tobacco (%) | 40 | 32 | 15 | 9 | 5 | 13 |
| Death rate: Respiratory diseases | 3 | 12 | 55 | 182 | 648 | 34 |
| Death rate attributable to tobacco | 1 | 6 | 26 | 90 | 329 | 17 |
| Proportion of deaths attributable to tobacco (%) | 31 | 45 | 48 | 50 | 51 | 49 |
| Death rate: Chronic obstructive pulmonary disease | 1 | 8 | 43 | 147 | 514 | 26 |
| Death rate attributable to tobacco | 1 | 5 | 25 | 86 | 310 | 16 |
| Proportion of deaths attributable to tobacco (%) | 68 | 64 | 58 | 58 | 60 | 60 |
| Death rate: Other respiratory diseases | 2 | 5 | 12 | 34 | 134 | 8 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 4 | 19 | 1 |
| Proportion of deaths attributable to tobacco (%) | 17 | 15 | 12 | 13 | 14 | 14 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|------------|------------|--------------|--------------|---------------|--------------------------------|------------|------------|--------------|--------------|--------------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 319 | 691 | 1,732 | 3,923 | 10,524 | 946 | 147 | 431 | 1,225 | 3,003 | 9,474 | 739 |
| Death rate attributable to tobacco | 26 | 109 | 218 | 385 | 643 | 101 | 11 | 66 | 152 | 337 | 852 | 82 |
| Proportion of deaths attributable to tobacco (%) | 8 | 16 | 13 | 10 | 6 | 11 | 8 | 15 | 12 | 11 | 9 | 11 |
| <u>Death rate: Communicable diseases</u> | 36 | 51 | 99 | 246 | 1,065 | 76 | 19 | 24 | 60 | 194 | 989 | 58 |
| Death rate attributable to tobacco | 1 | 2 | 5 | 11 | 53 | 3 | 1 | 1 | 3 | 12 | 96 | 4 |
| Proportion of deaths attributable to tobacco (%) | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 6 | 10 | 7 |
| <i>Death rate: Tuberculosis</i> | 3 | 7 | 16 | 34 | 77 | 9 | 1 | 3 | 8 | 18 | 34 | 4 |
| Death rate attributable to tobacco | 0 | 1 | 1 | 2 | 5 | 1 | 0 | 0 | 1 | 2 | 3 | 0 |
| Proportion of deaths attributable to tobacco (%) | 13 | 10 | 8 | 7 | 7 | 9 | 10 | 9 | 7 | 9 | 10 | 9 |
| <i>Death rate: Lower respiratory infections</i> | 5 | 11 | 32 | 85 | 508 | 22 | 2 | 5 | 15 | 68 | 522 | 21 |
| Death rate attributable to tobacco | 1 | 2 | 4 | 8 | 48 | 3 | 0 | 1 | 2 | 11 | 92 | 3 |
| Proportion of deaths attributable to tobacco (%) | 18 | 14 | 11 | 10 | 9 | 11 | 17 | 15 | 13 | 16 | 18 | 17 |
| <u>Death rate: Noncommunicable diseases</u> | 100 | 502 | 1,504 | 3,508 | 9,083 | 704 | 103 | 386 | 1,135 | 2,739 | 8,218 | 648 |
| Death rate attributable to tobacco | 24 | 107 | 213 | 374 | 590 | 98 | 11 | 65 | 149 | 325 | 757 | 79 |
| Proportion of deaths attributable to tobacco (%) | 24 | 21 | 14 | 11 | 6 | 14 | 11 | 17 | 13 | 12 | 9 | 12 |
| <i>Death rate: All malignant neoplasms</i> | 20 | 113 | 366 | 829 | 1,581 | 154 | 46 | 157 | 345 | 581 | 985 | 166 |
| Death rate attributable to tobacco | 3 | 32 | 93 | 163 | 200 | 33 | 3 | 17 | 40 | 80 | 120 | 19 |
| Proportion of deaths attributable to tobacco (%) | 17 | 28 | 25 | 20 | 13 | 22 | 7 | 11 | 12 | 14 | 12 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 29 | 85 | 147 | 175 | 30 | 3 | 18 | 46 | 83 | 106 | 19 |
| Death rate attributable to tobacco | 2 | 21 | 68 | 116 | 132 | 23 | 1 | 11 | 29 | 54 | 66 | 12 |
| Proportion of deaths attributable to tobacco (%) | 50 | 75 | 80 | 79 | 76 | 76 | 46 | 62 | 64 | 64 | 62 | 62 |
| <i>Death rate: All other malignant neoplasms</i> | 17 | 85 | 280 | 683 | 1,406 | 124 | 43 | 139 | 299 | 498 | 879 | 147 |
| Death rate attributable to tobacco | 2 | 10 | 25 | 47 | 67 | 10 | 2 | 5 | 11 | 26 | 54 | 7 |
| Proportion of deaths attributable to tobacco (%) | 10 | 12 | 9 | 7 | 5 | 8 | 4 | 4 | 4 | 5 | 6 | 4 |
| <i>Death rate: All Cardiovascular diseases</i> | 39 | 230 | 703 | 1,758 | 5,249 | 347 | 26 | 129 | 447 | 1,335 | 5,065 | 299 |
| Death rate attributable to tobacco | 19 | 64 | 80 | 90 | 34 | 44 | 7 | 41 | 77 | 143 | 259 | 39 |
| Proportion of deaths attributable to tobacco (%) | 49 | 28 | 11 | 5 | 1 | 13 | 26 | 32 | 17 | 11 | 5 | 13 |
| <i>Death rate: Ischaemic heart disease</i> | 21 | 149 | 440 | 986 | 2,601 | 199 | 9 | 62 | 242 | 651 | 2,272 | 141 |
| Death rate attributable to tobacco | 11 | 41 | 49 | 50 | 16 | 26 | 2 | 18 | 39 | 62 | 145 | 18 |
| Proportion of deaths attributable to tobacco (%) | 52 | 27 | 11 | 5 | 1 | 13 | 18 | 30 | 16 | 9 | 6 | 13 |
| <i>Death rate: Cerebrovascular disease</i> | 9 | 44 | 136 | 400 | 1,251 | 75 | 9 | 39 | 112 | 348 | 1,273 | 79 |
| Death rate attributable to tobacco | 3 | 12 | 15 | 18 | 8 | 8 | 3 | 14 | 21 | 45 | - | 11 |
| Proportion of deaths attributable to tobacco (%) | 34 | 28 | 11 | 4 | 1 | 11 | 38 | 35 | 19 | 13 | - | 14 |
| <i>Death rate: Other cardiovascular diseases</i> | 10 | 37 | 127 | 372 | 1,397 | 73 | 8 | 28 | 92 | 335 | 1,521 | 78 |
| Death rate attributable to tobacco | 6 | 11 | 16 | 22 | 10 | 9 | 2 | 9 | 17 | 37 | 114 | 10 |
| Proportion of deaths attributable to tobacco (%) | 57 | 31 | 13 | 6 | 1 | 13 | 21 | 33 | 18 | 11 | 8 | 13 |
| <i>Death rate: Respiratory diseases</i> | 3 | 15 | 64 | 220 | 733 | 37 | 3 | 10 | 46 | 149 | 587 | 32 |
| Death rate attributable to tobacco | 1 | 7 | 31 | 104 | 330 | 17 | 1 | 4 | 22 | 78 | 328 | 16 |
| Proportion of deaths attributable to tobacco (%) | 33 | 47 | 48 | 48 | 45 | 46 | 29 | 43 | 49 | 52 | 56 | 51 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 10 | 50 | 186 | 596 | 29 | 1 | 6 | 36 | 114 | 456 | 23 |
| Death rate attributable to tobacco | 1 | 6 | 29 | 101 | 317 | 16 | 0 | 4 | 21 | 73 | 305 | 15 |
| Proportion of deaths attributable to tobacco (%) | 70 | 64 | 58 | 54 | 53 | 56 | 66 | 63 | 59 | 64 | 67 | 64 |
| <i>Death rate: Other respiratory diseases</i> | 2 | 5 | 13 | 33 | 137 | 8 | 2 | 4 | 10 | 35 | 131 | 9 |
| Death rate attributable to tobacco | 0 | 1 | 2 | 3 | 13 | 1 | 0 | 1 | 1 | 5 | 23 | 1 |
| Proportion of deaths attributable to tobacco (%) | 18 | 14 | 11 | 10 | 9 | 12 | 17 | 15 | 13 | 16 | 18 | 16 |

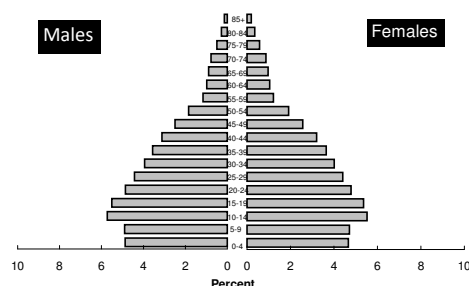
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Viet Nam

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 25,402 | 24,687 | 50,089 |
| 30-44 | 8,906 | 9,099 | 18,005 |
| 45-59 | 4,610 | 4,777 | 9,387 |
| 60-69 | 1,568 | 1,688 | 3,256 |
| 70-79 | 1,061 | 1,218 | 2,279 |
| 80+ | 362 | 462 | 823 |
| Total | 41,910 | 41,929 | 83,839 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1009 per 100,000 population) was about 4.7 times that for communicable diseases (212 per 100,000). Tobacco was responsible for 21% of all NCDs compared with 8% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 205 deaths per 100,000 population aged 30 years and over, with 13% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 36 deaths per 100,000 population but with 79% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 18% of all lower respiratory infection deaths and 11% of all tuberculosis deaths.

- The death rate due to tobacco in men was (319 per 100,000 men aged 30 years and over) compared with women (142 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 21% for men and 12% for women.

- Among those who died prematurely, almost one in every 14 deaths among those aged 30-44 and one in 6 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 16% of those whose death was due to a lower respiratory infection, 28% of deaths due to the category of 'all cardiovascular diseases combined', and 70.9% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 229 | 727 | 2,315 | 5,719 | 15,457 | 1,311 |
| Death rate attributable to tobacco | 16 | 126 | 538 | 1,048 | 2,548 | 228 |
| Proportion of deaths attributable to tobacco (%) | 7 | 17 | 23 | 18 | 16 | 17 |
| Death rate: Communicable diseases | 94 | 133 | 296 | 694 | 2,050 | 212 |
| Death rate attributable to tobacco | 2 | 7 | 35 | 63 | 233 | 17 |
| Proportion of deaths attributable to tobacco (%) | 3 | 5 | 12 | 9 | 11 | 8 |
| Death rate: Tuberculosis | 23 | 53 | 109 | 92 | 74 | 45 |
| Death rate attributable to tobacco | 2 | 5 | 15 | 11 | 10 | 5 |
| Proportion of deaths attributable to tobacco (%) | 8 | 10 | 14 | 12 | 13 | 11 |
| Death rate: Lower respiratory infections | 3 | 8 | 101 | 304 | 1,074 | 61 |
| Death rate attributable to tobacco | 0 | 1 | 19 | 50 | 209 | 11 |
| Proportion of deaths attributable to tobacco (%) | 13 | 16 | 19 | 17 | 19 | 18 |
| Death rate: Noncommunicable diseases | 86 | 506 | 1,897 | 4,810 | 12,884 | 1,009 |
| Death rate attributable to tobacco | 14 | 119 | 503 | 985 | 2,316 | 212 |
| Proportion of deaths attributable to tobacco (%) | 16 | 23 | 27 | 20 | 18 | 21 |
| Death rate: All malignant neoplasms | 24 | 141 | 464 | 808 | 1,614 | 191 |
| Death rate attributable to tobacco | 3 | 34 | 168 | 253 | 381 | 54 |
| Proportion of deaths attributable to tobacco (%) | 13 | 24 | 36 | 31 | 24 | 28 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 24 | 111 | 177 | 224 | 36 |
| Death rate attributable to tobacco | 1 | 17 | 94 | 146 | 183 | 29 |
| Proportion of deaths attributable to tobacco (%) | 39 | 71 | 85 | 83 | 82 | 79 |
| Death rate: All other malignant neoplasms | 22 | 118 | 353 | 631 | 1,390 | 155 |
| Death rate attributable to tobacco | 2 | 17 | 74 | 106 | 199 | 25 |
| Proportion of deaths attributable to tobacco (%) | 10 | 15 | 21 | 17 | 14 | 16 |
| Death rate: All Cardiovascular diseases | 29 | 203 | 904 | 2,496 | 6,732 | 492 |
| Death rate attributable to tobacco | 9 | 57 | 184 | 245 | 203 | 60 |
| Proportion of deaths attributable to tobacco (%) | 31 | 28 | 20 | 10 | 3 | 12 |
| Death rate: Ischaemic heart disease | 14 | 98 | 427 | 1,033 | 2,418 | 205 |
| Death rate attributable to tobacco | 4 | 27 | 84 | 96 | 99 | 27 |
| Proportion of deaths attributable to tobacco (%) | 31 | 28 | 20 | 9 | 4 | 13 |
| Death rate: Cerebrovascular disease | 5 | 56 | 309 | 974 | 2,801 | 182 |
| Death rate attributable to tobacco | 1 | 16 | 62 | 96 | 18 | 18 |
| Proportion of deaths attributable to tobacco (%) | 28 | 28 | 20 | 10 | 1 | 10 |
| Death rate: Other cardiovascular diseases | 10 | 48 | 168 | 489 | 1,512 | 105 |
| Death rate attributable to tobacco | 3 | 14 | 38 | 53 | 85 | 15 |
| Proportion of deaths attributable to tobacco (%) | 32 | 29 | 22 | 11 | 6 | 14 |
| Death rate: Respiratory diseases | 7 | 56 | 233 | 784 | 2,666 | 160 |
| Death rate attributable to tobacco | 2 | 26 | 143 | 473 | 1,696 | 95 |
| Proportion of deaths attributable to tobacco (%) | 25 | 47 | 61 | 60 | 64 | 60 |
| Death rate: Chronic obstructive pulmonary disease | 2 | 42 | 200 | 690 | 2,281 | 134 |
| Death rate attributable to tobacco | 1 | 24 | 137 | 457 | 1,621 | 91 |
| Proportion of deaths attributable to tobacco (%) | 59 | 58 | 69 | 66 | 71 | 68 |
| Death rate: Other respiratory diseases | 5 | 14 | 33 | 94 | 385 | 26 |
| Death rate attributable to tobacco | 1 | 2 | 6 | 16 | 75 | 4 |
| Proportion of deaths attributable to tobacco (%) | 13 | 14 | 19 | 17 | 20 | 17 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 282 | 909 | 2,917 | 6,788 | 16,790 | 1,488 | 176 | 551 | 1,756 | 4,787 | 14,412 | 1,141 |
| Death rate attributable to tobacco | 23 | 204 | 864 | 1,536 | 3,144 | 319 | 9 | 50 | 235 | 623 | 2,081 | 142 |
| Proportion of deaths attributable to tobacco (%) | 8 | 22 | 30 | 23 | 19 | 21 | 5 | 9 | 13 | 13 | 14 | 12 |
| <u>Death rate: Communicable diseases</u> | 132 | 190 | 398 | 881 | 2,328 | 270 | 57 | 77 | 202 | 531 | 1,832 | 158 |
| Death rate attributable to tobacco | 3 | 12 | 60 | 95 | 275 | 23 | 2 | 2 | 12 | 35 | 200 | 10 |
| Proportion of deaths attributable to tobacco (%) | 3 | 6 | 15 | 11 | 12 | 9 | 3 | 2 | 6 | 7 | 11 | 7 |
| <i>Death rate: Tuberculosis</i> | 25 | 69 | 152 | 127 | 110 | 58 | 21 | 37 | 69 | 61 | 46 | 33 |
| Death rate attributable to tobacco | 3 | 9 | 28 | 19 | 17 | 8 | 1 | 1 | 4 | 4 | 5 | 2 |
| Proportion of deaths attributable to tobacco (%) | 10 | 14 | 18 | 15 | 15 | 14 | 6 | 4 | 6 | 7 | 10 | 6 |
| <i>Death rate: Lower respiratory infections</i> | 5 | 13 | 125 | 361 | 1,176 | 67 | 2 | 3 | 79 | 255 | 995 | 54 |
| Death rate attributable to tobacco | 1 | 2 | 30 | 73 | 241 | 14 | 0 | 0 | 8 | 31 | 184 | 8 |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 24 | 20 | 20 | 21 | 12 | 7 | 11 | 12 | 18 | 15 |
| <u>Death rate: Noncommunicable diseases</u> | 88 | 603 | 2,360 | 5,640 | 13,841 | 1,106 | 85 | 413 | 1,466 | 4,088 | 12,132 | 916 |
| Death rate attributable to tobacco | 20 | 191 | 804 | 1,441 | 2,869 | 296 | 8 | 49 | 223 | 587 | 1,882 | 131 |
| Proportion of deaths attributable to tobacco (%) | 23 | 32 | 34 | 26 | 21 | 27 | 9 | 12 | 15 | 14 | 16 | 14 |
| <i>Death rate: All malignant neoplasms</i> | 21 | 162 | 622 | 1,066 | 1,630 | 220 | 27 | 122 | 318 | 584 | 1,602 | 163 |
| Death rate attributable to tobacco | 5 | 62 | 308 | 459 | 608 | 92 | 2 | 8 | 38 | 73 | 204 | 17 |
| Proportion of deaths attributable to tobacco (%) | 22 | 38 | 50 | 43 | 37 | 42 | 7 | 6 | 12 | 13 | 13 | 11 |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 3 | 37 | 189 | 301 | 369 | 57 | 2 | 11 | 39 | 69 | 110 | 16 |
| Death rate attributable to tobacco | 1 | 30 | 172 | 270 | 327 | 50 | 1 | 5 | 23 | 39 | 70 | 9 |
| Proportion of deaths attributable to tobacco (%) | 43 | 81 | 91 | 90 | 89 | 87 | 35 | 40 | 58 | 57 | 63 | 53 |
| <i>Death rate: All other malignant neoplasms</i> | 18 | 125 | 433 | 765 | 1,261 | 163 | 25 | 111 | 278 | 515 | 1,492 | 147 |
| Death rate attributable to tobacco | 3 | 32 | 137 | 189 | 281 | 42 | 1 | 3 | 15 | 34 | 134 | 9 |
| Proportion of deaths attributable to tobacco (%) | 19 | 26 | 32 | 25 | 22 | 26 | 4 | 3 | 5 | 7 | 9 | 6 |
| <i>Death rate: All Cardiovascular diseases</i> | 31 | 251 | 1,097 | 2,787 | 6,983 | 523 | 27 | 156 | 724 | 2,243 | 6,535 | 461 |
| Death rate attributable to tobacco | 14 | 89 | 270 | 306 | 110 | 80 | 4 | 26 | 104 | 192 | 275 | 40 |
| Proportion of deaths attributable to tobacco (%) | 44 | 35 | 25 | 11 | 2 | 15 | 16 | 16 | 14 | 9 | 4 | 9 |
| <i>Death rate: Ischaemic heart disease</i> | 16 | 133 | 533 | 1,247 | 2,750 | 237 | 12 | 64 | 328 | 847 | 2,157 | 174 |
| Death rate attributable to tobacco | 7 | 45 | 127 | 138 | 41 | 38 | 1 | 9 | 43 | 60 | 145 | 16 |
| Proportion of deaths attributable to tobacco (%) | 45 | 34 | 24 | 11 | 1 | 16 | 12 | 14 | 13 | 7 | 7 | 9 |
| <i>Death rate: Cerebrovascular disease</i> | 6 | 68 | 382 | 1,082 | 2,789 | 189 | 5 | 45 | 241 | 880 | 2,811 | 176 |
| Death rate attributable to tobacco | 2 | 24 | 90 | 107 | 42 | 24 | 1 | 8 | 36 | 86 | - | 13 |
| Proportion of deaths attributable to tobacco (%) | 28 | 35 | 24 | 10 | 1 | 13 | 28 | 18 | 15 | 10 | - | 7 |
| <i>Death rate: Other cardiovascular diseases</i> | 9 | 50 | 182 | 459 | 1,445 | 98 | 10 | 46 | 155 | 516 | 1,566 | 112 |
| Death rate attributable to tobacco | 5 | 20 | 52 | 62 | 27 | 18 | 2 | 8 | 25 | 46 | 130 | 12 |
| Proportion of deaths attributable to tobacco (%) | 51 | 40 | 28 | 14 | 2 | 18 | 15 | 18 | 16 | 9 | 8 | 11 |
| <u>Death rate: Respiratory diseases</u> | 7 | 66 | 304 | 981 | 3,191 | 184 | 7 | 47 | 168 | 612 | 2,255 | 136 |
| Death rate attributable to tobacco | 2 | 38 | 214 | 655 | 2,105 | 120 | 2 | 15 | 77 | 313 | 1,376 | 72 |
| Proportion of deaths attributable to tobacco (%) | 25 | 58 | 71 | 67 | 66 | 65 | 25 | 32 | 46 | 51 | 61 | 52 |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 1 | 49 | 262 | 858 | 2,725 | 154 | 2 | 35 | 142 | 543 | 1,934 | 115 |
| Death rate attributable to tobacco | 1 | 35 | 204 | 631 | 2,009 | 114 | 1 | 14 | 75 | 305 | 1,316 | 69 |
| Proportion of deaths attributable to tobacco (%) | 64 | 71 | 78 | 73 | 74 | 74 | 55 | 41 | 53 | 56 | 68 | 60 |
| <i>Death rate: Other respiratory diseases</i> | 5 | 17 | 42 | 122 | 467 | 30 | 4 | 12 | 26 | 69 | 321 | 22 |
| Death rate attributable to tobacco | 1 | 3 | 10 | 25 | 96 | 6 | 1 | 1 | 3 | 8 | 59 | 3 |
| Proportion of deaths attributable to tobacco (%) | 14 | 19 | 24 | 20 | 20 | 20 | 12 | 7 | 11 | 12 | 18 | 14 |

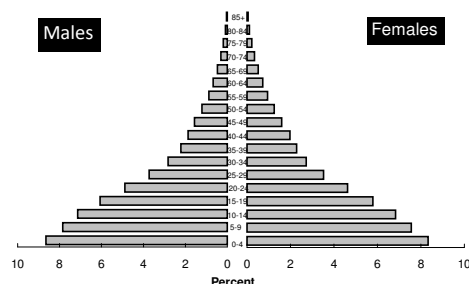
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Yemen

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|---------------|---------------|---------------|
| 0-29 | 7,846 | 7,505 | 15,352 |
| 30-44 | 1,412 | 1,429 | 2,841 |
| 45-59 | 746 | 774 | 1,521 |
| 60-69 | 234 | 254 | 488 |
| 70-79 | 102 | 116 | 217 |
| 80+ | 25 | 34 | 59 |
| Total | 10,366 | 10,112 | 20,478 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1164 per 100,000 population) was about 6.8 times that for communicable diseases (171 per 100,000). Tobacco was responsible for 6% of all NCDs compared with 3% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 339 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 12 deaths per 100,000 population but with 48% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 6% of all lower respiratory infection deaths and 5% of all tuberculosis deaths.

- The death rate due to tobacco in men was (145 per 100,000 men aged 30 years and over) compared with women (18 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 9% for men and 1% for women.

- Among those who died prematurely, almost one in every 8 deaths among those aged 30-44 and one in 15 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 5.2% of those whose death was due to a lower respiratory infection, 11.8% of deaths due to the category of 'all cardiovascular diseases combined', and 47.3% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 470 | 1,209 | 3,197 | 7,641 | 17,887 | 1,454 |
| Death rate attributable to tobacco | 57 | 82 | 212 | 82 | 89 | 80 |
| Proportion of deaths attributable to tobacco (%) | 12 | 7 | 7 | 1 | 0 | 6 |
| Death rate: Communicable diseases | 137 | 97 | 220 | 572 | 1,847 | 171 |
| Death rate attributable to tobacco | 6 | 3 | 8 | 4 | 7 | 5 |
| Proportion of deaths attributable to tobacco (%) | 4 | 3 | 4 | 1 | 0 | 3 |
| Death rate: Tuberculosis | 15 | 29 | 93 | 123 | 147 | 33 |
| Death rate attributable to tobacco | 2 | 1 | 4 | 1 | 1 | 2 |
| Proportion of deaths attributable to tobacco (%) | 11 | 3 | 4 | 1 | 1 | 5 |
| Death rate: Lower respiratory infections | 41 | 32 | 67 | 239 | 618 | 56 |
| Death rate attributable to tobacco | 4 | 2 | 4 | 3 | 6 | 4 |
| Proportion of deaths attributable to tobacco (%) | 11 | 5 | 6 | 1 | 1 | 6 |
| Death rate: Noncommunicable diseases | 236 | 992 | 2,824 | 6,833 | 15,650 | 1,164 |
| Death rate attributable to tobacco | 51 | 79 | 204 | 78 | 82 | 75 |
| Proportion of deaths attributable to tobacco (%) | 22 | 8 | 7 | 1 | 1 | 6 |
| Death rate: All malignant neoplasms | 66 | 170 | 356 | 605 | 888 | 157 |
| Death rate attributable to tobacco | 7 | 15 | 54 | 25 | 24 | 15 |
| Proportion of deaths attributable to tobacco (%) | 11 | 9 | 15 | 4 | 3 | 9 |
| Death rate: Trachea, bronchus, lung cancers | 3 | 13 | 43 | 39 | 40 | 12 |
| Death rate attributable to tobacco | 1 | 6 | 26 | 10 | 8 | 6 |
| Proportion of deaths attributable to tobacco (%) | 47 | 47 | 61 | 25 | 21 | 48 |
| Death rate: All other malignant neoplasms | 62 | 157 | 313 | 566 | 847 | 145 |
| Death rate attributable to tobacco | 6 | 8 | 28 | 15 | 15 | 9 |
| Proportion of deaths attributable to tobacco (%) | 9 | 5 | 9 | 3 | 2 | 6 |
| Death rate: All Cardiovascular diseases | 78 | 480 | 1,598 | 4,336 | 11,012 | 649 |
| Death rate attributable to tobacco | 38 | 56 | 103 | 21 | 5 | 49 |
| Proportion of deaths attributable to tobacco (%) | 49 | 12 | 6 | 0 | 0 | 8 |
| Death rate: Ischaemic heart disease | 39 | 284 | 904 | 2,178 | 4,716 | 339 |
| Death rate attributable to tobacco | 20 | 34 | 57 | 11 | 2 | 27 |
| Proportion of deaths attributable to tobacco (%) | 50 | 12 | 6 | 0 | 0 | 8 |
| Death rate: Cerebrovascular disease | 10 | 67 | 268 | 795 | 2,057 | 108 |
| Death rate attributable to tobacco | 3 | 7 | 17 | 3 | 1 | 6 |
| Proportion of deaths attributable to tobacco (%) | 36 | 11 | 6 | 0 | 0 | 5 |
| Death rate: Other cardiovascular diseases | 29 | 129 | 426 | 1,363 | 4,238 | 202 |
| Death rate attributable to tobacco | 15 | 15 | 30 | 7 | 2 | 16 |
| Proportion of deaths attributable to tobacco (%) | 52 | 12 | 7 | 1 | 0 | 8 |
| Death rate: Respiratory diseases | 18 | 48 | 169 | 474 | 1,127 | 73 |
| Death rate attributable to tobacco | 5 | 8 | 44 | 31 | 53 | 11 |
| Proportion of deaths attributable to tobacco (%) | 29 | 17 | 26 | 7 | 5 | 16 |
| Death rate: Chronic obstructive pulmonary disease | 4 | 23 | 104 | 306 | 691 | 40 |
| Death rate attributable to tobacco | 3 | 7 | 40 | 30 | 49 | 9 |
| Proportion of deaths attributable to tobacco (%) | 66 | 30 | 38 | 10 | 7 | 23 |
| Death rate: Other respiratory diseases | 14 | 24 | 65 | 168 | 436 | 33 |
| Death rate attributable to tobacco | 3 | 1 | 4 | 2 | 4 | 2 |
| Proportion of deaths attributable to tobacco (%) | 19 | 5 | 6 | 1 | 1 | 7 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 536 | 1,442 | 3,746 | 8,413 | 19,260 | 1,608 | 406 | 985 | 2,691 | 6,961 | 16,867 | 1,305 |
| Death rate attributable to tobacco | 101 | 159 | 344 | 174 | 209 | 145 | 12 | 9 | 90 | - | - | 18 |
| Proportion of deaths attributable to tobacco (%) | 19 | 11 | 9 | 2 | 1 | 9 | 3 | 1 | 3 | - | - | 1 |
| <u>Death rate: Communicable diseases</u> | 49 | 107 | 273 | 736 | 2,297 | 137 | 224 | 88 | 171 | 427 | 1,512 | 204 |
| Death rate attributable to tobacco | 6 | 5 | 14 | 9 | 16 | 7 | 6 | 0 | 2 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 13 | 5 | 5 | 1 | 1 | 5 | 2 | 0 | 1 | - | - | 2 |
| <u>Death rate: Tuberculosis</u> | 15 | 32 | 117 | 167 | 208 | 38 | 15 | 26 | 70 | 84 | 102 | 28 |
| Death rate attributable to tobacco | 3 | 2 | 7 | 2 | 2 | 3 | 1 | 0 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 17 | 6 | 6 | 1 | 1 | 7 | 4 | 0 | 2 | - | - | 2 |
| <u>Death rate: Lower respiratory infections</u> | 17 | 38 | 91 | 335 | 900 | 52 | 64 | 27 | 45 | 155 | 409 | 60 |
| Death rate attributable to tobacco | 4 | 3 | 8 | 6 | 14 | 4 | 5 | 0 | 1 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 23 | 9 | 8 | 2 | 2 | 8 | 8 | 1 | 3 | - | - | 5 |
| <u>Death rate: Noncommunicable diseases</u> | 325 | 1,139 | 3,248 | 7,369 | 16,431 | 1,284 | 147 | 849 | 2,433 | 6,361 | 15,069 | 1,048 |
| Death rate attributable to tobacco | 95 | 153 | 329 | 166 | 193 | 138 | 7 | 8 | 87 | - | - | 15 |
| Proportion of deaths attributable to tobacco (%) | 29 | 13 | 10 | 2 | 1 | 11 | 5 | 1 | 4 | - | - | 1 |
| <u>Death rate: All malignant neoplasms</u> | 62 | 177 | 464 | 804 | 1,282 | 175 | 69 | 164 | 257 | 430 | 595 | 139 |
| Death rate attributable to tobacco | 12 | 29 | 101 | 53 | 55 | 28 | 2 | 1 | 11 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 20 | 16 | 22 | 7 | 4 | 16 | 2 | 0 | 4 | - | - | 2 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 4 | 19 | 66 | 52 | 62 | 17 | 2 | 7 | 22 | 28 | 24 | 7 |
| Death rate attributable to tobacco | 2 | 12 | 48 | 21 | 20 | 10 | 1 | 0 | 6 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 58 | 63 | 74 | 40 | 32 | 62 | 25 | 6 | 26 | - | - | 14 |
| <u>Death rate: All other malignant neoplasms</u> | 58 | 158 | 398 | 752 | 1,219 | 159 | 67 | 157 | 235 | 402 | 571 | 132 |
| Death rate attributable to tobacco | 10 | 16 | 53 | 32 | 36 | 17 | 1 | 0 | 6 | - | - | 1 |
| Proportion of deaths attributable to tobacco (%) | 17 | 10 | 13 | 4 | 3 | 11 | 2 | 0 | 2 | - | - | 1 |
| <u>Death rate: All Cardiovascular diseases</u> | 123 | 589 | 1,825 | 4,528 | 11,102 | 707 | 34 | 375 | 1,388 | 4,167 | 10,945 | 592 |
| Death rate attributable to tobacco | 73 | 109 | 155 | 44 | 11 | 90 | 4 | 6 | 55 | - | - | 9 |
| Proportion of deaths attributable to tobacco (%) | 60 | 18 | 8 | 1 | 0 | 13 | 11 | 2 | 4 | - | - | 2 |
| <u>Death rate: Ischaemic heart disease</u> | 65 | 376 | 1,096 | 2,424 | 4,880 | 396 | 15 | 195 | 727 | 1,961 | 4,594 | 284 |
| Death rate attributable to tobacco | 39 | 66 | 89 | 23 | 5 | 51 | 1 | 3 | 27 | - | - | 4 |
| Proportion of deaths attributable to tobacco (%) | 60 | 18 | 8 | 1 | 0 | 13 | 8 | 1 | 4 | - | - | 1 |
| <u>Death rate: Cerebrovascular disease</u> | 14 | 74 | 289 | 819 | 2,070 | 111 | 5 | 59 | 248 | 774 | 2,048 | 105 |
| Death rate attributable to tobacco | 6 | 14 | 23 | 7 | 2 | 10 | 1 | 1 | 11 | - | - | 2 |
| Proportion of deaths attributable to tobacco (%) | 41 | 18 | 8 | 1 | 0 | 9 | 20 | 2 | 4 | - | - | 2 |
| <u>Death rate: Other cardiovascular diseases</u> | 44 | 138 | 440 | 1,285 | 4,153 | 200 | 14 | 120 | 413 | 1,431 | 4,302 | 203 |
| Death rate attributable to tobacco | 29 | 29 | 42 | 15 | 5 | 29 | 1 | 2 | 18 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 65 | 21 | 10 | 1 | 0 | 15 | 10 | 2 | 4 | - | - | 2 |
| <u>Death rate: Respiratory diseases</u> | 26 | 53 | 209 | 559 | 1,329 | 85 | 10 | 42 | 133 | 400 | 977 | 61 |
| Death rate attributable to tobacco | 9 | 15 | 70 | 67 | 124 | 20 | 2 | 1 | 19 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 34 | 28 | 34 | 12 | 9 | 23 | 17 | 3 | 15 | - | - | 5 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 5 | 25 | 128 | 360 | 792 | 45 | 2 | 21 | 82 | 259 | 615 | 35 |
| Death rate attributable to tobacco | 4 | 13 | 64 | 63 | 116 | 16 | 1 | 1 | 18 | - | - | 3 |
| Proportion of deaths attributable to tobacco (%) | 76 | 51 | 50 | 18 | 15 | 35 | 44 | 6 | 22 | - | - | 8 |
| <u>Death rate: Other respiratory diseases</u> | 20 | 28 | 80 | 199 | 537 | 41 | 7 | 21 | 51 | 141 | 362 | 26 |
| Death rate attributable to tobacco | 5 | 2 | 7 | 4 | 8 | 4 | 1 | 0 | 1 | - | - | 0 |
| Proportion of deaths attributable to tobacco (%) | 23 | 9 | 8 | 2 | 2 | 10 | 8 | 1 | 3 | - | - | 2 |

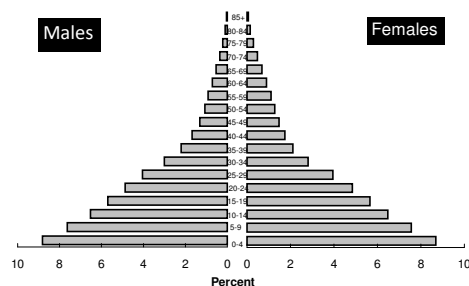
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Zambia

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,236 | 4,193 | 8,429 |
| 30-44 | 776 | 750 | 1,525 |
| 45-59 | 371 | 435 | 806 |
| 60-69 | 140 | 177 | 318 |
| 70-79 | 65 | 88 | 153 |
| 80+ | 16 | 23 | 39 |
| Total | 5,604 | 5,666 | 11,270 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1173 per 100,000 population) was about 0.5 times that for communicable diseases (2322 per 100,000). Tobacco was responsible for 5% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 168 deaths per 100,000 population aged 30 years and over, with 5% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 10 deaths per 100,000 population but with 60% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 4% of all lower respiratory infection deaths and 3% of all tuberculosis deaths.

- The death rate due to tobacco in men was (141 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

- Among those who died prematurely, almost one in every 294 deaths among those aged 30-44 and one in 38 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 4% of those whose death was due to a lower respiratory infection, 10% of deaths due to the category of 'all cardiovascular diseases combined', and 50% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 2,921 | 3,240 | 4,229 | 8,254 | 18,431 | 3,658 |
| Death rate attributable to tobacco | 10 | 84 | 159 | 266 | 471 | 68 |
| Proportion of deaths attributable to tobacco (%) | 0 | 3 | 4 | 3 | 3 | 2 |
| Death rate: Communicable diseases | 2,584 | 2,212 | 1,517 | 1,714 | 3,261 | 2,322 |
| Death rate attributable to tobacco | 3 | 13 | 19 | 32 | 81 | 10 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 1 | 2 | 2 | 0 |
| Death rate: Tuberculosis | 131 | 169 | 218 | 248 | 225 | 159 |
| Death rate attributable to tobacco | 2 | 8 | 7 | 8 | 9 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 3 | 3 | 4 | 3 |
| Death rate: Lower respiratory infections | 11 | 98 | 305 | 740 | 1,855 | 133 |
| Death rate attributable to tobacco | 0 | 4 | 12 | 23 | 71 | 5 |
| Proportion of deaths attributable to tobacco (%) | 2 | 4 | 4 | 3 | 4 | 4 |
| Death rate: Noncommunicable diseases | 198 | 870 | 2,511 | 6,252 | 14,751 | 1,173 |
| Death rate attributable to tobacco | 7 | 72 | 140 | 234 | 390 | 58 |
| Proportion of deaths attributable to tobacco (%) | 4 | 8 | 6 | 4 | 3 | 5 |
| Death rate: All malignant neoplasms | 31 | 189 | 515 | 1,126 | 1,982 | 216 |
| Death rate attributable to tobacco | 1 | 18 | 46 | 77 | 140 | 17 |
| Proportion of deaths attributable to tobacco (%) | 3 | 10 | 9 | 7 | 7 | 8 |
| Death rate: Trachea, bronchus, lung cancers | 1 | 12 | 28 | 45 | 62 | 10 |
| Death rate attributable to tobacco | 0 | 6 | 19 | 32 | 45 | 6 |
| Proportion of deaths attributable to tobacco (%) | 15 | 50 | 67 | 70 | 73 | 60 |
| Death rate: All other malignant neoplasms | 30 | 177 | 487 | 1,081 | 1,919 | 205 |
| Death rate attributable to tobacco | 1 | 12 | 27 | 46 | 95 | 11 |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 6 | 4 | 5 | 5 |
| Death rate: All Cardiovascular diseases | 66 | 353 | 1,111 | 3,085 | 8,250 | 539 |
| Death rate attributable to tobacco | 5 | 35 | 39 | 43 | 19 | 20 |
| Proportion of deaths attributable to tobacco (%) | 7 | 10 | 4 | 1 | 0 | 4 |
| Death rate: Ischaemic heart disease | 13 | 120 | 409 | 975 | 2,119 | 168 |
| Death rate attributable to tobacco | 1 | 14 | 16 | 17 | 5 | 8 |
| Proportion of deaths attributable to tobacco (%) | 11 | 12 | 4 | 2 | 0 | 5 |
| Death rate: Cerebrovascular disease | 27 | 134 | 418 | 1,160 | 2,959 | 202 |
| Death rate attributable to tobacco | 1 | 12 | 13 | 13 | 5 | 6 |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 3 | 1 | 0 | 3 |
| Death rate: Other cardiovascular diseases | 26 | 99 | 285 | 950 | 3,172 | 169 |
| Death rate attributable to tobacco | 2 | 9 | 10 | 14 | 8 | 6 |
| Proportion of deaths attributable to tobacco (%) | 9 | 9 | 4 | 1 | 0 | 3 |
| Death rate: Respiratory diseases | 26 | 97 | 290 | 673 | 1,396 | 129 |
| Death rate attributable to tobacco | 1 | 17 | 52 | 108 | 221 | 20 |
| Proportion of deaths attributable to tobacco (%) | 5 | 18 | 18 | 16 | 16 | 16 |
| Death rate: Chronic obstructive pulmonary disease | 5 | 38 | 143 | 345 | 650 | 57 |
| Death rate attributable to tobacco | 1 | 14 | 46 | 97 | 192 | 17 |
| Proportion of deaths attributable to tobacco (%) | 19 | 37 | 32 | 28 | 30 | 31 |
| Death rate: Other respiratory diseases | 20 | 59 | 148 | 329 | 746 | 72 |
| Death rate attributable to tobacco | 0 | 3 | 6 | 11 | 29 | 3 |
| Proportion of deaths attributable to tobacco (%) | 2 | 5 | 4 | 3 | 4 | 4 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 2,667 | 4,071 | 5,516 | 9,262 | 20,166 | 3,854 | 3,183 | 2,530 | 3,211 | 7,509 | 17,273 | 3,476 |
| Death rate attributable to tobacco | 20 | 183 | 361 | 625 | 1,176 | 141 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 7 | 7 | 6 | 4 | - | - | - | - | - | - |
| <u>Death rate: Communicable diseases</u> | 2,229 | 2,846 | 2,384 | 2,150 | 3,851 | 2,427 | 2,951 | 1,671 | 830 | 1,392 | 2,867 | 2,224 |
| Death rate attributable to tobacco | 5 | 27 | 44 | 74 | 202 | 21 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 2 | 3 | 5 | 1 | - | - | - | - | - | - |
| <i>Death rate: Tuberculosis</i> | 186 | 278 | 309 | 411 | 397 | 236 | 74 | 75 | 146 | 127 | 110 | 87 |
| Death rate attributable to tobacco | 5 | 18 | 16 | 19 | 23 | 11 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 3 | 7 | 5 | 5 | 6 | 4 | - | - | - | - | - | - |
| <i>Death rate: Lower respiratory infections</i> | 14 | 91 | 373 | 842 | 2,169 | 136 | 7 | 104 | 252 | 665 | 1,645 | 130 |
| Death rate attributable to tobacco | 1 | 8 | 27 | 55 | 178 | 10 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 7 | 7 | 8 | 7 | - | - | - | - | - | - |
| <u>Death rate: Noncommunicable diseases</u> | 210 | 968 | 2,839 | 6,734 | 15,849 | 1,174 | 186 | 787 | 2,252 | 5,896 | 14,019 | 1,173 |
| Death rate attributable to tobacco | 14 | 156 | 317 | 551 | 974 | 120 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 16 | 11 | 8 | 6 | 10 | - | - | - | - | - | - |
| <i>Death rate: All malignant neoplasms</i> | 26 | 196 | 612 | 1,412 | 2,808 | 230 | 37 | 183 | 438 | 914 | 1,430 | 203 |
| Death rate attributable to tobacco | 2 | 40 | 103 | 182 | 349 | 35 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 7 | 20 | 17 | 13 | 12 | 15 | - | - | - | - | - | - |
| <i>Death rate: Trachea, bronchus, lung cancers</i> | 2 | 21 | 60 | 105 | 155 | 20 | - | 5 | 3 | 0 | - | 2 |
| Death rate attributable to tobacco | 0 | 13 | 42 | 74 | 113 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 15 | 65 | 71 | 71 | 73 | 66 | - | - | - | - | - | - |
| <i>Death rate: All other malignant neoplasms</i> | 24 | 175 | 552 | 1,307 | 2,652 | 210 | 37 | 178 | 435 | 914 | 1,430 | 201 |
| Death rate attributable to tobacco | 2 | 26 | 61 | 107 | 236 | 22 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 6 | 15 | 11 | 8 | 9 | 10 | - | - | - | - | - | - |
| <i>Death rate: All Cardiovascular diseases</i> | 66 | 381 | 1,178 | 2,991 | 7,959 | 495 | 66 | 328 | 1,059 | 3,154 | 8,445 | 580 |
| Death rate attributable to tobacco | 9 | 76 | 89 | 102 | 46 | 41 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 14 | 20 | 8 | 3 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Ischaemic heart disease</i> | 16 | 163 | 517 | 1,207 | 2,442 | 192 | 9 | 83 | 323 | 803 | 1,904 | 146 |
| Death rate attributable to tobacco | 3 | 31 | 37 | 40 | 13 | 16 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 16 | 19 | 7 | 3 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Cerebrovascular disease</i> | 26 | 136 | 409 | 1,007 | 2,544 | 171 | 28 | 132 | 424 | 1,274 | 3,235 | 232 |
| Death rate attributable to tobacco | 2 | 27 | 29 | 29 | 13 | 13 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 8 | 20 | 7 | 3 | 1 | 8 | - | - | - | - | - | - |
| <i>Death rate: Other cardiovascular diseases</i> | 24 | 81 | 252 | 777 | 2,972 | 132 | 28 | 113 | 312 | 1,078 | 3,306 | 202 |
| Death rate attributable to tobacco | 5 | 19 | 23 | 33 | 20 | 12 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 20 | 23 | 9 | 4 | 1 | 9 | - | - | - | - | - | - |
| <u>Death rate: Respiratory diseases</u> | 28 | 130 | 414 | 937 | 1,854 | 159 | 24 | 69 | 193 | 478 | 1,091 | 101 |
| Death rate attributable to tobacco | 3 | 37 | 119 | 255 | 552 | 42 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 10 | 28 | 29 | 27 | 30 | 26 | - | - | - | - | - | - |
| <i>Death rate: Chronic obstructive pulmonary disease</i> | 7 | 57 | 226 | 527 | 974 | 79 | 4 | 22 | 77 | 210 | 434 | 37 |
| Death rate attributable to tobacco | 2 | 30 | 105 | 228 | 480 | 36 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 29 | 53 | 46 | 43 | 49 | 46 | - | - | - | - | - | - |
| <i>Death rate: Other respiratory diseases</i> | 21 | 74 | 188 | 411 | 880 | 81 | 20 | 47 | 116 | 268 | 657 | 64 |
| Death rate attributable to tobacco | 1 | 7 | 14 | 27 | 72 | 6 | - | - | - | - | - | - |
| Proportion of deaths attributable to tobacco (%) | 4 | 9 | 7 | 7 | 8 | 7 | - | - | - | - | - | - |

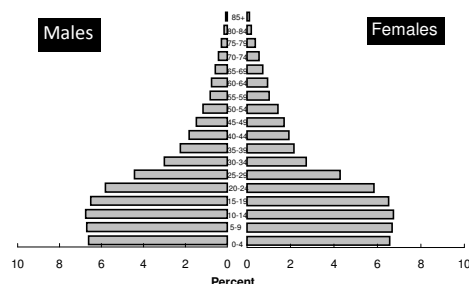
Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

Zimbabwe

Population 2004 (in thousands)

| Age | Male | Female | Total |
|--------------|--------------|--------------|---------------|
| 0-29 | 4,796 | 4,766 | 9,562 |
| 30-44 | 919 | 886 | 1,805 |
| 45-59 | 449 | 539 | 988 |
| 60-69 | 171 | 217 | 388 |
| 70-79 | 91 | 121 | 212 |
| 80+ | 29 | 40 | 69 |
| Total | 6,455 | 6,570 | 13,025 |

Population Pyramid



Highlights:

- The death rate from non-communicable diseases (1297 per 100,000 population) was about 0.3 times that for communicable diseases (4641 per 100,000). Tobacco was responsible for 9% of all NCDs compared with 0% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 185 deaths per 100,000 population aged 30 years and over, with 8% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 20 deaths per 100,000 population but with 64% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 7% of all lower respiratory infection deaths and 6% of all tuberculosis deaths.

- The death rate due to tobacco in men was (230 per 100,000 men aged 30 years and over) compared with women (54 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 3% for men and 1% for women.

- Among those who died prematurely, almost one in every 230 deaths among those aged 30-44 and one in 50 among those aged 45-59 years were attributable to tobacco use. Of those who died in the 45-59 year age bracket, tobacco use accounted for 1.2% of those whose death was due to a lower respiratory infection, 11.4% of deaths due to the category of 'all cardiovascular diseases combined', and 53.6% of those who had died from cancer of the trachea, bronchus and lung.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Both sexes | | | | | Total for ages 30 & over |
|--|--------------|--------------|--------------|--------------|---------------|--------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| Death rate: ALL CAUSES | 6,348 | 5,159 | 4,566 | 7,782 | 17,665 | 6,123 |
| Death rate attributable to tobacco | 28 | 103 | 332 | 631 | 942 | 138 |
| Proportion of deaths attributable to tobacco (%) | 0 | 2 | 7 | 8 | 5 | 2 |
| Death rate: Communicable diseases | 5,964 | 4,050 | 1,802 | 1,687 | 3,535 | 4,641 |
| Death rate attributable to tobacco | 7 | 13 | 36 | 80 | 202 | 20 |
| Proportion of deaths attributable to tobacco (%) | 0 | 0 | 2 | 5 | 6 | 0 |
| Death rate: Tuberculosis | 107 | 172 | 244 | 251 | 181 | 151 |
| Death rate attributable to tobacco | 6 | 12 | 16 | 17 | 15 | 10 |
| Proportion of deaths attributable to tobacco (%) | 6 | 7 | 7 | 7 | 8 | 6 |
| Death rate: Lower respiratory infections | 19 | 74 | 236 | 669 | 2,060 | 140 |
| Death rate attributable to tobacco | 1 | 1 | 19 | 62 | 186 | 10 |
| Proportion of deaths attributable to tobacco (%) | 5 | 1 | 8 | 9 | 9 | 7 |
| Death rate: Noncommunicable diseases | 216 | 942 | 2,559 | 5,802 | 13,650 | 1,297 |
| Death rate attributable to tobacco | 20 | 90 | 297 | 551 | 740 | 118 |
| Proportion of deaths attributable to tobacco (%) | 9 | 10 | 12 | 9 | 5 | 9 |
| Death rate: All malignant neoplasms | 34 | 206 | 526 | 1,053 | 1,834 | 237 |
| Death rate attributable to tobacco | 2 | 25 | 92 | 171 | 267 | 34 |
| Proportion of deaths attributable to tobacco (%) | 7 | 12 | 18 | 16 | 15 | 15 |
| Death rate: Trachea, bronchus, lung cancers | 2 | 15 | 55 | 101 | 136 | 20 |
| Death rate attributable to tobacco | 1 | 8 | 38 | 71 | 94 | 13 |
| Proportion of deaths attributable to tobacco (%) | 24 | 54 | 69 | 70 | 70 | 64 |
| Death rate: All other malignant neoplasms | 32 | 191 | 470 | 952 | 1,698 | 216 |
| Death rate attributable to tobacco | 2 | 17 | 54 | 100 | 173 | 21 |
| Proportion of deaths attributable to tobacco (%) | 6 | 9 | 11 | 10 | 10 | 10 |
| Death rate: All Cardiovascular diseases | 72 | 382 | 1,131 | 2,849 | 7,634 | 601 |
| Death rate attributable to tobacco | 14 | 44 | 108 | 161 | 76 | 43 |
| Proportion of deaths attributable to tobacco (%) | 19 | 11 | 10 | 6 | 1 | 7 |
| Death rate: Ischaemic heart disease | 14 | 125 | 417 | 910 | 1,974 | 185 |
| Death rate attributable to tobacco | 3 | 17 | 39 | 47 | 22 | 14 |
| Proportion of deaths attributable to tobacco (%) | 23 | 14 | 9 | 5 | 1 | 8 |
| Death rate: Cerebrovascular disease | 30 | 146 | 424 | 1,066 | 2,716 | 224 |
| Death rate attributable to tobacco | 4 | 15 | 39 | 60 | 10 | 15 |
| Proportion of deaths attributable to tobacco (%) | 15 | 10 | 9 | 6 | 0 | 7 |
| Death rate: Other cardiovascular diseases | 28 | 110 | 290 | 873 | 2,944 | 191 |
| Death rate attributable to tobacco | 6 | 11 | 30 | 54 | 44 | 14 |
| Proportion of deaths attributable to tobacco (%) | 22 | 10 | 10 | 6 | 1 | 7 |
| Death rate: Respiratory diseases | 28 | 104 | 297 | 634 | 1,303 | 142 |
| Death rate attributable to tobacco | 4 | 20 | 90 | 203 | 372 | 38 |
| Proportion of deaths attributable to tobacco (%) | 15 | 19 | 30 | 32 | 29 | 26 |
| Death rate: Chronic obstructive pulmonary disease | 6 | 40 | 146 | 327 | 608 | 63 |
| Death rate attributable to tobacco | 3 | 16 | 76 | 174 | 309 | 31 |
| Proportion of deaths attributable to tobacco (%) | 44 | 39 | 52 | 53 | 51 | 49 |
| Death rate: Other respiratory diseases | 22 | 64 | 151 | 307 | 694 | 79 |
| Death rate attributable to tobacco | 1 | 4 | 14 | 29 | 63 | 7 |
| Proportion of deaths attributable to tobacco (%) | 7 | 6 | 9 | 10 | 9 | 8 |

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

| Cause of death | Men | | | | | Total for ages 30 & over | Women | | | | | Total for ages 30 & over |
|---|-------|-------|-------|-------|--------|--------------------------------|-------|-------|-------|-------|--------|--------------------------------|
| | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | | 30-44 | 45-59 | 60-69 | 70-79 | 80+ | |
| <u>Death rate: ALL CAUSES</u> | 6,391 | 6,330 | 5,456 | 8,963 | 19,805 | 6,653 | 6,305 | 4,184 | 3,863 | 6,888 | 16,138 | 5,637 |
| Death rate attributable to tobacco | 44 | 226 | 574 | 979 | 1,794 | 230 | 10 | - | 141 | 368 | 334 | 54 |
| Proportion of deaths attributable to tobacco (%) | 1 | 4 | 11 | 11 | 9 | 3 | 0 | - | 4 | 5 | 2 | 1 |
| <u>Death rate: Communicable diseases</u> | 5,882 | 5,066 | 2,236 | 1,986 | 4,204 | 5,041 | 6,050 | 3,203 | 1,460 | 1,460 | 3,058 | 4,272 |
| Death rate attributable to tobacco | 12 | 29 | 62 | 122 | 384 | 34 | 2 | - | 15 | 48 | 73 | 8 |
| Proportion of deaths attributable to tobacco (%) | 0 | 1 | 3 | 6 | 9 | 1 | 0 | - | 1 | 3 | 2 | 0 |
| <u>Death rate: Tuberculosis</u> | 177 | 318 | 361 | 427 | 319 | 250 | 34 | 51 | 151 | 118 | 82 | 60 |
| Death rate attributable to tobacco | 11 | 27 | 32 | 34 | 33 | 19 | 1 | - | 4 | 5 | 2 | 1 |
| Proportion of deaths attributable to tobacco (%) | 6 | 8 | 9 | 8 | 10 | 8 | 2 | - | 2 | 4 | 2 | 2 |
| <u>Death rate: Lower respiratory infections</u> | 7 | 17 | 243 | 780 | 2,461 | 119 | 32 | 121 | 231 | 585 | 1,775 | 158 |
| Death rate attributable to tobacco | 1 | 2 | 30 | 88 | 348 | 15 | 1 | - | 11 | 43 | 70 | 6 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 12 | 11 | 14 | 12 | 4 | - | 5 | 7 | 4 | 4 |
| <u>Death rate: Noncommunicable diseases</u> | 234 | 1,004 | 2,932 | 6,594 | 15,070 | 1,329 | 196 | 891 | 2,265 | 5,204 | 12,637 | 1,267 |
| Death rate attributable to tobacco | 32 | 198 | 512 | 856 | 1,410 | 196 | 8 | - | 127 | 320 | 261 | 47 |
| Proportion of deaths attributable to tobacco (%) | 14 | 20 | 17 | 13 | 9 | 15 | 4 | - | 6 | 6 | 2 | 4 |
| <u>Death rate: All malignant neoplasms</u> | 29 | 202 | 632 | 1,382 | 2,641 | 258 | 40 | 209 | 442 | 805 | 1,258 | 217 |
| Death rate attributable to tobacco | 4 | 55 | 181 | 315 | 576 | 63 | 1 | - | 22 | 61 | 47 | 8 |
| Proportion of deaths attributable to tobacco (%) | 13 | 27 | 29 | 23 | 22 | 24 | 2 | - | 5 | 8 | 4 | 4 |
| <u>Death rate: Trachea, bronchus, lung cancers</u> | 2 | 24 | 93 | 165 | 251 | 31 | 2 | 6 | 26 | 53 | 53 | 11 |
| Death rate attributable to tobacco | 1 | 17 | 75 | 134 | 209 | 24 | 0 | - | 9 | 23 | 13 | 3 |
| Proportion of deaths attributable to tobacco (%) | 32 | 71 | 81 | 81 | 83 | 77 | 14 | - | 36 | 43 | 24 | 29 |
| <u>Death rate: All other malignant neoplasms</u> | 26 | 177 | 540 | 1,216 | 2,389 | 227 | 38 | 202 | 416 | 753 | 1,205 | 207 |
| Death rate attributable to tobacco | 3 | 37 | 106 | 181 | 367 | 39 | 1 | - | 13 | 38 | 34 | 5 |
| Proportion of deaths attributable to tobacco (%) | 11 | 21 | 20 | 15 | 15 | 17 | 2 | - | 3 | 5 | 3 | 3 |
| <u>Death rate: All Cardiovascular diseases</u> | 74 | 395 | 1,217 | 2,933 | 7,600 | 567 | 70 | 371 | 1,063 | 2,786 | 7,659 | 632 |
| Death rate attributable to tobacco | 22 | 96 | 154 | 176 | 81 | 65 | 5 | - | 71 | 149 | 72 | 23 |
| Proportion of deaths attributable to tobacco (%) | 30 | 24 | 13 | 6 | 1 | 12 | 7 | - | 7 | 5 | 1 | 4 |
| <u>Death rate: Ischaemic heart disease</u> | 18 | 167 | 533 | 1,177 | 2,315 | 215 | 10 | 91 | 325 | 709 | 1,731 | 157 |
| Death rate attributable to tobacco | 6 | 39 | 65 | 68 | 22 | 25 | 0 | - | 19 | 30 | 22 | 5 |
| Proportion of deaths attributable to tobacco (%) | 33 | 23 | 12 | 6 | 1 | 11 | 4 | - | 6 | 4 | 1 | 3 |
| <u>Death rate: Cerebrovascular disease</u> | 29 | 142 | 422 | 986 | 2,422 | 194 | 31 | 150 | 426 | 1,127 | 2,925 | 252 |
| Death rate attributable to tobacco | 6 | 34 | 51 | 51 | 23 | 21 | 3 | - | 29 | 67 | - | 10 |
| Proportion of deaths attributable to tobacco (%) | 19 | 24 | 12 | 5 | 1 | 11 | 11 | - | 7 | 6 | - | 4 |
| <u>Death rate: Other cardiovascular diseases</u> | 27 | 87 | 262 | 770 | 2,862 | 158 | 30 | 130 | 312 | 951 | 3,003 | 222 |
| Death rate attributable to tobacco | 10 | 24 | 39 | 57 | 36 | 20 | 2 | - | 23 | 51 | 49 | 8 |
| Proportion of deaths attributable to tobacco (%) | 39 | 28 | 15 | 7 | 1 | 13 | 5 | - | 7 | 5 | 2 | 4 |
| <u>Death rate: Respiratory diseases</u> | 31 | 135 | 428 | 916 | 1,758 | 179 | 24 | 78 | 194 | 421 | 978 | 109 |
| Death rate attributable to tobacco | 6 | 43 | 166 | 344 | 709 | 63 | 2 | - | 30 | 97 | 132 | 14 |
| Proportion of deaths attributable to tobacco (%) | 20 | 32 | 39 | 38 | 40 | 35 | 8 | - | 15 | 23 | 13 | 13 |
| <u>Death rate: Chronic obstructive pulmonary disease</u> | 8 | 58 | 234 | 515 | 920 | 88 | 4 | 24 | 78 | 186 | 386 | 40 |
| Death rate attributable to tobacco | 4 | 34 | 142 | 298 | 591 | 53 | 1 | - | 24 | 80 | 108 | 11 |
| Proportion of deaths attributable to tobacco (%) | 52 | 59 | 61 | 58 | 64 | 60 | 27 | - | 32 | 43 | 28 | 28 |
| <u>Death rate: Other respiratory diseases</u> | 23 | 77 | 194 | 401 | 838 | 91 | 20 | 54 | 117 | 236 | 592 | 69 |
| Death rate attributable to tobacco | 2 | 9 | 24 | 45 | 119 | 11 | 1 | - | 5 | 17 | 23 | 3 |
| Proportion of deaths attributable to tobacco (%) | 9 | 12 | 12 | 11 | 14 | 12 | 4 | - | 5 | 7 | 4 | 4 |

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.

REFERENCES

1. Mathers CD, Loncar D. Projections of global mortality and burden of disease from 2002 to 2030. *PLoS Medicine*, 2006, 3(11):e442.
2. Öberg M, Jaakkola Maritta S, Woodward A, Peruga A and Prüss-Ustün A. Worldwide burden of disease from exposure to second-hand smoke: a retrospective analysis of data from 192 countries. *The Lancet*, Volume 377, Issue 9760, 8–14 January 2011.
3. Peto R, Lopez AD. Future worldwide health effects of current smoking patterns. In: Koop CE, Pearson CE, Schwarz MR, eds. *Critical issues in global health*. San Francisco, CA, Wiley (Jossey-Bass), 2001:154–161.
4. *WHO Framework Convention on Tobacco Control*. Geneva, World Health Organization, 2005.
5. Doll R, Hill AB. Smoking and carcinoma of the lung: preliminary report. *British Medical Journal*, 1950, 2(4682):739–748.
6. Wynder EL, Graham EA. Tobacco smoking as a possible etiologic factor in bronchiogenic carcinoma. *Journal of the American Medical Association*, 1950, 143: 329–336.
7. Doll R, Hill AB. The mortality of doctors in relation to their smoking habits. A preliminary report. *British Medical Journal*, 1954, 1(4877):1451–1455.
8. Doll R, Hill AB. Lung cancer and other causes of death in relation to smoking. A second report on the mortality of British doctors. *British Medical Journal*, 1956, 2(5001):1071–1081.
9. Tobacco Questions for Surveys: A Subset of Key Questions from the Global Adult Tobacco Survey (GATS). http://www.who.int/tobacco/publications/surveillance/en_tfi_tqs.pdf
10. WHO. Global Health Risks: Mortality and burden of disease attributable to selected major risks. Geneva, World Health Organization, 2009.
11. Peto R et al. Mortality from tobacco in developed countries: indirect estimation from national vital statistics. *Lancet*, 1992, 339:1268–1278.
12. Ezzati M, Lopez AD. Smoking and oral tobacco use in Ezzati M et al. Comparative Quantification of Health Risks: global and regional burden of disease attributable to selected major risk factors. Volume 1. Geneva, World Health Organization, 2004.
13. Thun MJ, Apicella LF, Henley SJ. Smoking vs. other risk factors as the cause of smoking-attributable deaths: confounding in the courtroom. *JAMA*, 2000, 284:706–712.
14. Danaei G, Ding E, Taylor B, Mozsfarian D, Rehm J, Murray CJL et al. Mortality effects of lifestyle, dietary and metabolic risk factors in the United States: comparative risk assessment. *PLoS Medicine* 2009, 6(4):e1000058.
15. *The global burden of disease 2004 update*. Geneva, World Health Organization, 2008. http://www.who.int/healthinfo/global_burden_disease/2004_report_update/en/index.html
16. *International statistical classification of diseases and related health problems, ICD-10*. Geneva, World Health Organization, 2008.
17. Chinese Center for Disease Control and Prevention. Report on chronic disease risk factor surveillance in China, 2007. Beijing: People's Medical Publishing House, 2010.

18. China: 2010 Global Adult Tobacco Factsheet.
http://www.who.int/tobacco/surveillance/en_tfi_china_gats_factsheet_2010.pdf
19. Kyung-Hee Jung-Choi, Young-Ho Khang, Hong-Jun Cho. Hidden female smokers in Asia: a comparison of self-reported with cotinine-verified smoking prevalence rates in representative national data from an Asian population. *TC Online First*, published on October 4, 2011 as 10.1136/tobaccocontrol-2011-050012
20. Danaei G, Ding EL, Mozaffarian D et al. The preventable causes of death in the United States: Comparative risk assessment of dietary, lifestyle and metabolic risk factors. *PLoS Med* 2009, 6(4): 1000058
21. Khanna G, Stevens G. The global burden of tobacco use: a review of methods and recent estimates. *Current Cardiovascular Risk Report*, 2011, 5:96–106.

Further reading

- Ezzati M, Lopez AD. Estimates of global mortality attributable to smoking in 2000. *Lancet*, 2003, 362:847–852.
- Ezzati M, Lopez AD. Measuring the accumulated hazards of smoking: global and regional estimates for 2000. *Tobacco Control*, 2003, 12:79–85.
- Ezzati M et al. Role of smoking in global and regional cardiovascular mortality. *Epidemiology*, 2005, 112:489–497.
- Ezzati M et al. Role of smoking in global and regional cancer epidemiology: current patterns and data needs. *International Journal of Cancer*, 2005, 116:963–971.
- Lin HH, Ezzati M, Murray M. Tobacco smoke, indoor air pollution and tuberculosis: a systematic review and meta-analysis. *PLoS Med*, 2007, 4(1):e20.
- Murray CJL, Lopez AD. Global mortality, disability, and the contribution of risk factors: Global burden of disease study. *Lancet*, 1997, 349:1436–1442.
- Global health risks: mortality and burden of disease attributable to selected major risk factors*. Geneva, World Health Organization, 2009:
http://www.who.int/healthinfo/global_burden_disease/global_health_risks/en/index.html
- World Health Organization. (2011). WHO report on the global tobacco epidemic, 2011: warning about the dangers of tobacco. Geneva, WHO.
http://www.who.int/tobacco/global_report/2011/en/index.html
- World Health Organization. (2009). WHO report on the global tobacco epidemic, 2009: implementing smoke-free environments. Geneva, WHO.
<http://www.who.int/tobacco/mpower/2009/en/index.html>
- World Health Organization. (2008). WHO report on the global tobacco epidemic, 2008. Geneva, WHO.
<http://www.who.int/tobacco/mpower/2008/en/index.html>



World Health
Organization

ISBN 978 92 4 156443 4

