

## PART THREE

# STATISTICAL ANNEX

*For centuries governments have compiled data – for tax and other administrative purposes – concerning characteristics of their populations. With time the potential for comprehensiveness and accuracy has increased and, concomitantly, disparities have grown across countries in data adequacy. All countries maintain at least minimal compilations concerning their economies and their populations; and most countries prepare and distribute these data in categories that share major features with those in other countries. This allows the country's decision-makers to compare characteristics of their own country – or its health system – with other countries (or with their own prior experience).*

*To achieve maximum benefit from major country investments in generating statistics there needs to be a central service to enhance data comparability and quality, to generate and publish comprehensive sets of data over time, and to identify important common themes. Such an effort must, obviously, deal with the problem of variation in data quality and timeliness; and, in the short term, it must make the best possible use of available data. Over a longer period it is important to encourage and assist countries to improve the quality and scope of their statistical system. WHO is now, through its Global Programme on Evidence for Health Policy, investing substantially in enhancing its capacity to improve demographic and health data, and data systems.*

*A major initial effort of this Programme involved preparation of estimates of numbers of deaths and disease burden by cause for 1998, and the results of that effort are published for the first time in this Annex. Other tables in the Annex summarize data from WHO programmes, from other agencies and from background research for this report.*

## EXPLANATORY NOTES

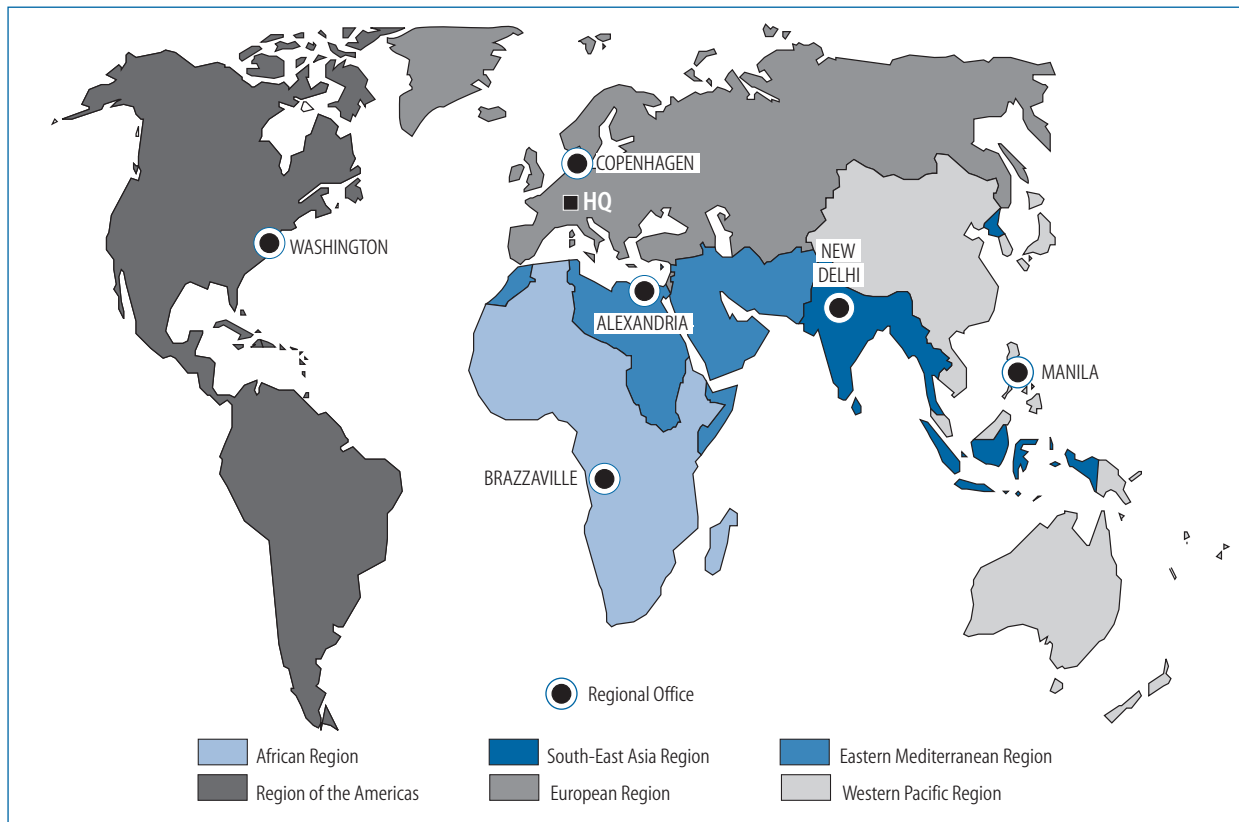
The Statistical Annex includes tables that provide basic data on all Member States and summarize demographic characteristics by WHO Regions (Annex Tables 1 and 5), tables that provide assessments of numbers of deaths and disease burden for some hundred causes by WHO Region (Annex Tables 2–4), tables that characterize the performance of countries on selected aspects of health (Annex Tables 6 and 7), and tables with specific data on incidence, mortality and burden of malaria, tobacco and tuberculosis, which are discussed at some length in the text (Annex Tables 8–10). This highly selective data compilation thus provides a broad overview of global health, economic and health system characteristics and specific information supportive of the main arguments of *The World Health Report*.

The Annex Tables present selected data for individual countries, for countries aggregated by WHO Region and for all Member States combined. The map below delineates the coverage of each of the six WHO Regions, which are: Africa (AFR),

the Americas (AMR), Eastern Mediterranean (EMR), Europe (EUR), South-East Asia (SEAR) and Western Pacific (WPR). Annex Table 1 lists the Member States in each Region alphabetically. Annex Table 5 provides summary demographic data for each Region. The classification of countries into high income, and low and middle income is based on *World development indicators 1998*, Washington DC, The World Bank, 1998. The sums of entries in the Annex Tables may not always equal the totals because of rounding. In some cases, transformations, aggregations and analyses of basic data provide numbers that are more useful to policy-makers than the initial data. Several of the Annex Tables report such transformations, while others report numbers closer to the original categories.

These explanatory notes describe the sources of data and the methods used to calculate the results that the tables report, for each table in turn. Because of their common origin, a single section provides the background for Annex Tables 2–4.

### WHO Regional Offices and the areas they serve, 1999



## ANNEX TABLE 1

*Sources of data and explanation of column headings**Population*

1. Total population size in thousands, for 1998. Source: United Nations dataset *World population prospects 1950–2050 (the 1998 revision)*, New York, United Nations Population Division, 1998.
2. Annual growth rate has been calculated as the average percentage change in population size between 1978 and 1998. Estimates of population size for 1978 and 1998 were from the United Nations dataset *World population prospects 1950–2020 (the 1998 revision)*, New York, United Nations Population Division, 1998.
3. Dependency ratio is defined as the population aged 0–14 and over 65 years as a percentage of the population aged 15–64 years. Estimates of population size for 1978 and 1998 were from the United Nations dataset *World population prospects 1950–2020 (the 1998 revision)*, New York, United Nations Population Division, 1998.
4. Total fertility rate is calculated as the average number of children born to a woman of reproductive age. Estimates for 1978 and 1998 were obtained from *World population prospects: The 1998 revision*, New York, United Nations, 1999.

*Mortality rates*

5. Infant mortality rate (IMR) is defined as the number of deaths per 1000 live births between birth and exact age one year. Estimates are shown for 1978 and 1998. Source: *World population prospects: The 1998 revision*, New York, United Nations, 1999.
6. The probability of dying between birth and exact age 5 years per 1000 live births is shown for male and female children for 1998. Source: Supplementary tabulations to *World population prospects: The 1998 revision* (New York, United Nations, 1999), Population Division, Department of Economic and Social Affairs of the United Nations Secretariat.
7. The probability of dying between age 15 and 59 years per 1000 population, for males and females in that age group, in 1998. Source: Supplementary tabulations to *World population prospects: The 1998 revision* (New York, United Nations, 1999), Population Division, Department of Economic and Social Affairs of the United Nations Secretariat.
8. Maternal mortality ratio (MMR) is defined as the number of maternal deaths per 100 000 live births. The MMR measures the risk of death once a woman has become pregnant. The estimates of MMR for 1990 should be used with caution. Global best estimates for the year 1995 are currently under development. Further information is available from Director, Department of Reproductive Health and Research, WHO, Geneva.

*Social and economic*

9. Estimates of life expectancy at birth for males and females in 1978 and 1998 were taken from *World population prospects: The 1998 revision*, New York, United Nations, 1999.
10. Real gross domestic product (GDP) per capita adjusted for purchasing power parity is expressed in 1985 US dollars. Data are from the Penn World Table dataset, Mark 5.6, the

Chain index, available at: <http://www.nber.org/pwt56.html> (Summers R, Heston A. The Penn World Table (Mark 5): An expanded set of international comparisons, 1950–1988. *Quarterly journal of economics*, 1991, **106**: 327–368). The annual average growth rate (calculated as the growth rate over a time period divided by the number of years in that period) of GDP per capita is shown for two periods: 1962–1992 and 1982–1992.

11. Educational attainment: the average number of years of education is given for females aged 25 years and above. The inequality in educational attainment between males and females is expressed as the difference in average number of years of education for men and women, aged 25 years or above. Source: Barro R, Lee JW. International measures of schooling years and schooling quality. *American economic review, Papers and proceedings*, 1986, **2**: 218–223.
12. The measure of malnutrition has been chosen to be the percentage of children under age 5 years who are stunted. Stunting is defined as height for age below 2 standard deviations from the international reference median value. Estimates are shown for male and female children for the latest year for which data were available since 1990. Estimates were provided by the Department of Nutrition for Health and Development, Sustainable Development and Healthy Environments Cluster, WHO, Geneva. Regional averages for the period 1975–1995, for both sexes combined can be found in: *WHO global database on child growth and malnutrition* (document WHO/NUT/97.4. Geneva, World Health Organization, 1997). Detailed information on national data disaggregated by sex, age group, urban/rural and regions can be found at: <http://www.who.int/whosis/> under *WHO global database on child growth and malnutrition*.

*Health services and finance*

13. Estimates of the percentage of children immunized against measles are shown for 1987 and 1997. Source: Department of Vaccines and Other Biologicals, Health Technology and Pharmaceuticals Cluster, WHO, Geneva.
14. Data on total health expenditures as a percentage of GDP and the percentage of health expenditures from public sources are taken from: Bos E et al. *Health, nutrition and population indicators: A statistical handbook*, Washington DC, The World Bank, 1999 (Health, nutrition and population series).

## ANNEX TABLES 2–4

*Methods*

We used the following procedures to produce projections for country-level death rates. We began by replicating the original analysis in the 1990 Global Burden of Disease Study (Murray CJL, Lopez AD (eds). *The Global burden of disease: A comprehensive assessment of mortality and disability from diseases, injuries, and risk factors in 1990 and projected to 2020*. Cambridge, Harvard School of Public Health on behalf of the World Health Organization and The World Bank, 1996, Global Burden of Disease and Injury Series, Vol. I), correcting for a number of data and coding errors. This original analysis included explanatory variables (measuring smoking, the logarithm of GDP per capita and its square, the logarithm of human capital, and a time trend serving as a proxy for tech-

nology) in a linear regression on logged death rates, with an intercept correction and with missing data deleted listwise. We sought to improve these projections in a number of ways, and evaluated our success in the first instance by calibrating the model with data from 1955 to 1994 and then comparing the forecasts with the actual death rates in 1995. We also tried dropping other years, or multiple years. For all our models, we used multiple imputation (Rubin D. *Multiple imputation for nonresponse in surveys*. New York, Wiley, 1987) via the EMis algorithm (King G et al. Listwise deletion is evil: What to do about missing data in political science? Presented at the annual meeting of the American Political Science Association, Boston, 1998) and *Amelia* software (Honaker J et al. 1999, available for free download at: <http://gking.harvard.edu>) to cope with the substantial missing data problems.

We used all available variables, along with several lagged variables to make the imputations. This procedure consistently improved the forecasts and so all estimates rely on it. We then tried a long list of candidate models, including various versions of error correction, local trends, partial adjustment, partial pooling via empirical Bayes, fixed effects, and other models. The best model, as judged only by our method of evaluation described above, was one that included no dynamics, used no explanatory variables except technology (i.e. the linear trend term), and included an intercept correction. For example, error correction models did not help despite evidence of nonstationarity, and models with dynamics did not help despite some evidence of time series dependence. Our preference was to use a weighted average of this "best" model and one that included dynamics, but specialists in WHO felt that combining such models produced unreasonable forecasts. We therefore settled on a weighted average of this "best" model and the original 1990 global burden of disease model (with missing data multiply imputed), and with weights elicited from specialists for each cause-of-death disease category. Since there is good reason to think that models that appropriately include dynamics will outperform these forecasts, much work remains to be done.

The final model produced forecasts for the following 16 causes of death and cause-of-death clusters: liver cancer, breast cancer, mouth cancer, stomach cancer, cervix cancer, other cancers, infectious diseases other than HIV/AIDS, tuberculosis and malaria, cardiovascular diseases, respiratory diseases, digestive diseases, all other diseases, road traffic accidents, unintentional injuries, suicide, homicide and violence, and war. We have assumed that the composition of detailed causes within each cause cluster described here for 1998 would be the same as that described in the 1990 global burden of disease analysis. Estimates for HIV/AIDS, lung cancer, malaria and tuberculosis were not based on this model.

### *Estimates for specific diseases were derived using other methods*

1. Tuberculosis. Estimates shown in Annex Tables 2–4 refer to tuberculosis in individuals who are HIV negative. The estimated mortality in individuals infected with tuberculosis who were HIV negative in 1998 was 1.49 million, with a range of 1.1 to 2.2 million deaths. Annex Table 10 provides sex-specific estimates of incidence, deaths and DALYs for

HIV-positive and HIV-negative individuals with tuberculosis. For the methods and the source of these estimates see the explanatory note to Annex Table 10.

2. HIV/AIDS. The statistical methods used to estimate AIDS mortality are based in part on the imputation of missing prevalence data from sentinel sites. Further validation of the imputation results would improve the reliability of the method. Furthermore, the application of the gamma distribution to estimate the epidemic curve for the HIV/AIDS epidemic is problematic once the epidemic is established. The estimated trajectory of the epidemic in different countries based on statistical models should be compared with other epidemiological evidence to ensure that the estimates adequately reflect national experience. The estimates of AIDS mortality in sub-Saharan Africa have used national mortality statistics in order to adjust model-based figures. The results will obviously depend on the extent to which these data are reliable, especially with regard to adult mortality levels. UNAIDS and WHO will actively collaborate in further refining and developing these and other methods for reducing the uncertainty in epidemiological estimates of HIV/AIDS within the framework of the UNAIDS/WHO Working Group on Global HIV/AIDS/STD Surveillance.

For sub-Saharan Africa, the estimated number of deaths from HIV/AIDS in 1998 was 1.83 million with a 95% confidence interval of 1.1 to 2.4 million deaths.

3. Poliomyelitis and Diphtheria. Numbers are rounded to the nearest thousand. Poliomyelitis has been eradicated from the Americas. Apart from that, some deaths occur in all Regions for both conditions.
4. Tetanus. Includes neonatal tetanus (around 300 000 deaths) and tetanus at other ages.
5. Meningitis. Bacterial meningitis and meningococcaemia.
6. Malaria. In Africa, the range for deaths from malaria is estimated to be 758 000 to 1.3 million. The methods used to derive these estimates are described in Annex Table 8.
7. Leprosy. Because of rounding, regional totals exclude an estimated 200 deaths in AFR and AMR, and 100 in EMR and WPR. The total for SEAR is 1400.
8. Maternal conditions. Because of the difficulties inherent in measuring maternal mortality, there is considerable uncertainty around these estimates. The estimated range of maternal deaths in 1998 is 376 to 646 thousand globally. Differences in figures quoted are largely a result of uncertainties about the indirect causes of maternal deaths, estimated to account for 10–20% of maternal mortality. Indirect causes include those resulting from pre-existing disease that developed during pregnancy and was aggravated by the physiological effects of pregnancy, such as malaria, tuberculosis, HIV/AIDS and cardiovascular diseases.
9. Rheumatic heart disease. Does not include other rheumatic diseases.
10. Diabetes. Diabetes increases the risk of cardiovascular and other diseases. When this is taken into account, the attributable mortality for diabetes is at least 1.5 million, and is likely to be considerably higher.
11. Alcohol/drug dependence. Estimates for alcohol and drug dependence represent only a small fraction of the burden of disease and injury attributable to alcohol and drug use. Alcohol and other drug use contributes as a risk factor to a

broad range of diseases, injuries and deaths, other than through dependence.

12. Perinatal conditions. These include low birth weight, birth asphyxia and birth trauma.

### ANNEX TABLE 5

All the demographic indicators are based on *World population prospects: The 1998 revision*, New York, United Nations, 1999. Exceptions are: the probability of dying before age 5 for 1978 are based on supplementary tabulations to the 1996 revision of this publication; and the number of deaths and the crude death rate for 1998 are based on Annex Table 2. GDP per capita adjusted for purchasing power, reported in 1985 US\$, was taken from the Penn World Table dataset, Mark 5.6, the Chain index (see Note 10, Annex Table 1). All indicators are reported for 1978 and 1998, except for GDP per capita, which is reported for 1978 and 1992 because 1992 is the latest year for which data are available.

### ANNEX TABLE 6

Performance measures for each country relate the actual levels of infant mortality and female life expectancy in the indicated year to their predicted level. The predictors used are the logarithm of per capita income (adjusted for purchasing power), the square of the logarithm of per capita income, and indicator variables controlling for time (since, at any income level, health conditions have for the most part substantially improved over this time period). The per capita income figures are from the Penn World Table, Version 5.6 (Heston A, Summers R. International price and quantity comparisons: potentials and pitfalls. *International macro- and microeconomic data*, 1996, 86: 20–24; see also Note 10, Annex Table 1). The model relating performance to predictors is a random-effects model estimated by generalized least square (STATA (Statistics/Data Analysis). *STATA References*. College Station TX, STATA Corporation, 1996.). Health data are from *World population prospects: The 1998 revision*, New York, United Nations, 1999. More extensive results and a description of the methods are reported in Wang J, Jamison DT, Regression residuals as performance measures: An assessment of robustness in the context of country-level data (paper presented at the annual meeting of the American Educational Research Association, San Diego, 1998), although that document uses World Bank demographic numbers.

The country performance measures on mortality are constructed using regression residuals; Wang & Jamison (1998, above) discuss the use of residuals to measure performance in this context. Based on the derived regression residuals, we constructed performance measures for all countries for which we have data. For infant mortality rates, the performance measures are the percentage by which actual mortality rates exceed predicted rates. For life expectancy, the actual and predicted values are expressed in years. A positive measure of life expectancy means that the observed life expectancy for a certain country is higher than the predicted live expectancy, given one country's income level and the time of the observation. Positive performance measures on infant mortality rate mean worse performance than the prediction.

### ANNEX TABLE 7

Estimates of the percentage of the population in each country that lives in absolute poverty are from the World Bank, World Development Indicators 1998 CD-Rom. The definition of absolute poverty used here refers to a per capita income equivalent to less than one international dollar per day. Estimates of the probability of dying in children and adults are for the period 1990–1995 and were taken from *World population prospects: The 1998 revision*, New York, United Nations, 1999. Estimates for tuberculosis prevalence were provided by the Department of Communicable Disease Prevention and Control, Communicable Diseases Cluster, WHO, Geneva.

The analysis was conducted using a methodology for ecological inference developed by Gary King at Harvard University. The methods are described in detail in: Gakidou E, Jamison DT, King G, Spohr C. *Health status of the poor versus the non-poor*, 1999 (forthcoming). The software package – EI – is available for free download at: <http://gking.harvard.edu>. Background information on the literature on ecological inferences can be found in: King G. *A solution to the ecological inference problem: Reconstructing individual behavior from aggregate data*. Princeton University Press, 1997; and in: King G, Rosen O, Tanner M. Binomial-beta hierarchical models for ecological inference. *Sociological methods and research* (forthcoming), also available at: <http://gking.harvard.edu>.

Ecological inference, as traditionally defined, is the process of using aggregate data to infer discrete individual-level relationships of interest when individual-level data are not available. In this analysis we have used aggregate data on health measures (probability of adult and child dying, tuberculosis incidence/prevalence) and poverty to infer the magnitude of these health measures in the poor and non-poor subgroups of the populations of these countries. A weighted average estimate is provided as well.

### ANNEX TABLE 8

The estimates of malaria for Africa are based on the review by Snow RW, Craig M, Deichmann U, Marsh K (Estimating mortality, morbidity and disability due to malaria among Africa's non-pregnant population. Submitted to the *Bulletin of the World Health Organization*, 1999). Estimates for other regions have been prepared by the Global Programme on Evidence for Health Policy and Roll Back Malaria, based on data and information available to WHO.

### ANNEX TABLE 9

Source: Global Programme on Evidence for Health Policy, Evidence and Information for Policy Cluster, WHO, Geneva.

### ANNEX TABLE 10

Estimates for tuberculosis were provided by the Department of Communicable Disease Prevention and Control, Communicable Diseases Cluster, WHO, Geneva. The methods employed to derive these estimates are described in: Dye C, Scheele S, Dolin P, Pathania V, Ravigliione MC. *Global burden of tuberculosis: Estimated incidence, prevalence and mortality by country in 1997* (in press, available from CDC/CPC, WHO, Geneva).

Annex Table 1 Basic indicators for all Member States

Member States by WHO Region <sup>a</sup>	POPULATION						MORTALITY RATES						
	Total population		Dependency ratio (per 100)		Total fertility rate		Infant mortality rate (per 1 000)		Probability of dying (per 1 000)				Maternal mortality ratio (per 100 000)
	Size (000)	Annual growth rate (%)	1978	1998	1978	1998	1978	1998	under age 5		between age 15 and age 59		
									Males	Females	Males	Females	
1998	1978-1998	1978	1998	1978	1998	1978	1998	1998	1998	1998	1998	1990	
<b>All Member States</b>	<b>5 884 576</b>	<b>1.6</b>	<b>72</b>	<b>59</b>	<b>3.9</b>	<b>2.7</b>	<b>87</b>	<b>57</b>	<b>83</b>	<b>83</b>	<b>225</b>	<b>156</b>	<b>430</b>
<b>Africa</b>	601 783	2.8	94	90	6.7	5.4	121	91	172	154	477	428	940
1 Algeria	30 081	2.7	104	70	7.2	3.8	112	44	57	45	147	120	160
2 Angola	12 092	3.0	89	102	6.8	6.8	161	125	217	199	413	355	1 500
3 Benin	5 781	2.9	94	98	7.1	5.8	122	88	142	124	373	318	990
4 Botswana	1 570	3.2	105	83	6.4	4.4	76	59	112	101	676	610	250
5 Burkina Faso	11 305	2.7	100	100	7.8	6.6	127	99	176	166	557	518	930
6 Burundi	6 457	2.5	94	97	6.8	6.3	127	119	189	168	603	545	1 300
7 Cameroon	14 305	2.8	91	90	6.5	5.3	108	74	120	109	389	345	550
8 Cape Verde	408	1.8	110	81	6.7	3.6	86	56	68	60	213	125	...
9 Central African Republic	3 485	2.3	82	88	5.9	4.9	122	98	172	141	580	521	700
10 Chad	7 270	2.7	83	97	6.6	6.1	154	112	184	164	452	400	1 500
11 Comoros	658	3.1	102	85	7.1	4.8	116	76	112	101	303	254	950
12 Congo	2 785	2.9	93	98	6.3	6.1	91	90	147	116	539	475	890
13 Côte d'Ivoire	14 292	3.2	95	88	7.4	5.1	117	87	144	129	555	549	810
14 Democratic Republic of the Congo	49 139	3.4	94	103	6.5	6.4	117	90	148	130	442	391	870
15 Equatorial Guinea	431	3.7	82	89	5.7	5.6	149	108	184	169	379	322	820
16 Eritrea	3 577	2.3	89	89	6.4	5.7	123	91	154	137	430	374	1 400
17 Ethiopia	59 649	2.8	92	96	6.8	6.3	149	116	193	174	559	528	1 400
18 Gabon	1 167	3.0	67	84	4.4	5.4	122	87	143	127	395	353	500
19 Gambia	1 229	3.6	82	77	6.5	5.2	167	122	212	194	408	350	1 100
20 Ghana	19 162	3.1	92	89	6.5	5.2	99	66	107	95	280	227	740
21 Guinea	7 337	2.7	93	90	7.0	5.5	167	124	207	208	402	366	1 600
22 Guinea-Bissau	1 161	2.3	74	88	5.6	5.8	176	130	214	192	443	391	910
23 Kenya	29 008	3.2	114	90	8.1	4.5	88	66	107	101	515	475	650
24 Lesotho	2 062	2.4	85	79	5.7	4.8	121	93	132	127	362	304	610
25 Liberia	2 666	2.1	92	97	6.8	6.3	167	116	184	163	489	445	560
26 Madagascar	15 057	2.9	94	90	6.6	5.4	130	83	123	110	319	267	490
27 Malawi	10 346	2.9	99	100	7.6	6.8	177	138	223	217	632	599	560
28 Mali	10 694	2.5	96	101	7.1	6.6	180	118	244	227	244	219	1 200
29 Mauritania	2 529	2.7	87	89	6.5	5.5	125	92	155	142	345	290	930
30 Mauritius	1 141	1.0	68	48	3.1	1.9	38	16	22	13	229	111	120
31 Mozambique	18 880	2.5	88	93	6.5	6.3	160	114	193	173	509	461	1 500
32 Namibia	1 660	2.7	87	84	6.0	4.9	98	65	125	119	453	427	370
33 Niger	10 078	3.3	96	103	8.1	6.8	157	115	198	181	393	336	1 200
34 Nigeria	106 409	2.7	95	88	6.9	5.2	109	81	154	140	426	375	1 000
35 Rwanda	6 604	1.6	104	94	8.5	6.2	133	124	213	191	619	578	1 300
36 <i>Sao Tome and Principe</i>	141	2.4	...	...	...	...	...	...	...	...	...	...	...
37 Senegal	9 003	2.7	92	90	7.0	5.6	97	63	117	112	418	317	1 200
38 <i>Seychelles</i>	76	1.0	...	...	...	...	...	...	...	...	...	...	...
39 Sierra Leone	4 568	1.9	85	89	6.5	6.1	192	170	277	248	557	504	1 800
40 South Africa	39 357	2.0	76	64	4.5	3.3	72	59	98	76	507	390	230
41 Swaziland	952	3.0	94	85	6.5	4.7	108	65	109	91	284	220	560
42 Togo	4 397	2.9	91	97	6.6	6.1	117	84	137	120	524	481	640
43 Uganda	20 554	2.6	101	108	6.9	7.1	114	107	181	164	707	675	1 200
44 United Republic of Tanzania	32 102	3.1	100	94	6.8	5.5	113	82	138	123	548	509	770
45 Zambia	8 781	2.5	104	100	7.2	5.6	94	82	149	144	774	724	940
46 Zimbabwe	11 377	2.7	104	82	6.6	3.8	86	69	123	111	713	689	570
<b>The Americas</b>	<b>802 811</b>	<b>1.5</b>	<b>67</b>	<b>57</b>	<b>3.3</b>	<b>2.4</b>	<b>56</b>	<b>28</b>	<b>39</b>	<b>31</b>	<b>197</b>	<b>109</b>	<b>140</b>
47 <i>Antigua and Barbuda</i>	67	0.6	...	...	...	...	...	...	...	...	...	...	...
48 Argentina	36 123	1.4	61	61	3.4	2.6	39	22	28	22	187	95	100

	SOCIAL AND ECONOMIC											HEALTH SERVICES AND FINANCE					
	Life expectancy at birth (years)				GDP per capita adjusted for purchasing power			Average years of education for population aged 25+		Malnutrition stunting among children under age 5 (%)		Children immunized against measles (%)		Health expenditures			
	Males		Females		in 1985	Annual growth rate		Females	Male excess	Males around	Females around	1987	1997	Total (% of GDP) around 1995	Public sector (% of GDP) around 1995	Public sector (% of total) around 1995	
	1978	1998	1978	1998	US\$	1962-1992 1982-1992											
	1978	1998	1978	1998	1992	1962-1992	1982-1992	1990	1990	1995	1995	1987	1997	1995	1995	1995	
	60	65	63	69	4 123	2.7	2.5	4.5	2.1	...	...	53	82	5.2	2.6	48	
	46	49	49	51	1 261	0.9	-1.9	1.9	1.5	...	...	41	57	3.2	1.7	50	
1	57	68	59	70	2 719	2.6	-0.4	1.9	1.9	18	18	59	74	4.6	3.3	73	
2	38	45	42	48	...	...	...	...	...	...	...	55	78	...	4.1	...	
3	45	52	49	55	...	...	...	0.7	1.2	27	23	26	82	...	1.7	...	
4	55	46	58	48	...	...	...	2.4	0.5	...	...	48	79	2.9	1.6	55	
5	42	44	44	45	514	0.6	0.0	...	...	35	32	65	68	5.5	2.3	42	
6	44	41	48	44	569	0.4	1.2	...	...	...	...	54	...	...	0.8	...	
7	47	53	50	56	1 029	1.3	-2.2	1.7	1.3	27	25	...	43	1.4	1.0	72	
8	59	66	62	71	1 085	3.0	1.9	...	...	...	...	75	82	...	3.4	...	
9	42	43	47	47	514	-1.0	-2.6	...	...	27	30	14	...	...	1.9	...	
10	39	46	43	49	408	-2.2	1.0	...	...	41	39	16	30	3.7	3.7	98	
11	49	57	53	60	527	-0.2	-2.1	...	...	36	32	71	49	1.2	0.9	79	
12	46	46	51	51	2 240	2.3	-1.2	2.9	2.2	...	...	66	18	6.3	3.2	50	
13	46	46	50	47	1 104	-0.2	-4.2	...	...	25	24	...	68	3.5	1.4	41	
14	46	49	50	52	...	...	...	1.3	2.0	47	44	41	20	...	0.2	...	
15	40	48	44	52	...	...	...	...	...	...	...	...	82	6.3	5.2	81	
16	44	49	47	52	...	...	...	...	...	36	41	...	53	2.0	1.1	55	
17	40	42	44	44	...	...	...	...	...	66	63	13	52	2.6	1.6	61	
18	45	51	49	54	3 622	1.8	-1.5	...	...	...	...	67	...	...	0.5	...	
19	37	45	41	49	...	...	...	0.5	0.8	33	28	88	91	...	2.0	...	
20	50	58	54	62	956	0.1	1.9	1.5	2.6	28	24	28	59	1.5	1.4	94	
21	38	46	39	47	740	0.8	-0.6	...	...	...	...	...	56	...	1.2	...	
22	36	43	39	46	634	0.8	0.0	...	...	...	...	60	51	...	1.1	...	
23	51	51	55	53	914	1.5	0.6	1.9	1.9	35	32	...	32	2.6	1.6	62	
24	50	55	54	57	952	3.3	-0.8	3.8	-1.1	46	41	84	53	...	4.1	...	
25	48	46	51	49	...	...	...	1.0	1.9	...	...	40	...	...	...	...	
26	48	56	51	59	608	-2.2	-3.0	...	...	51	48	27	...	...	1.1	...	
27	42	39	44	40	496	0.8	0.0	1.6	1.8	50	47	81	87	...	2.3	...	
28	44	52	46	55	...	...	...	0.4	0.8	31	29	8	56	2.7	1.2	46	
29	44	52	47	55	837	0.1	-0.6	...	...	...	...	27	20	5.2	1.1	21	
30	62	68	68	75	6 167	2.4	4.7	4.4	1.6	...	...	...	...	4.0	2.3	58	
31	42	44	45	47	711	-1.8	-2.4	0.4	0.7	...	...	37	70	...	4.6	...	
32	50	52	53	53	2 774	1.1	-1.2	...	...	30	27	...	57	7.2	3.7	52	
33	39	47	42	50	...	...	...	0.3	0.6	41	38	...	42	...	1.6	...	
34	43	49	47	52	978	1.9	-3.7	...	...	43	42	24	69	1.3	0.3	25	
35	43	39	47	42	762	1.6	-0.7	0.9	1.2	50	47	74	66	...	1.9	...	
36	...	...	...	...	...	...	...	...	...	...	...	69	60	...	6.2	...	
37	42	51	46	54	...	...	...	1.3	1.1	24	22	...	65	...	2.5	...	
38	...	...	...	...	...	...	...	...	...	...	...	100	100	...	4.0	...	
39	34	36	37	39	734	-0.9	-3.7	0.8	1.1	...	...	...	28	3.6	1.5	43	
40	52	52	59	58	3 068	1.0	-1.6	4.4	0.8	24	22	75	...	7.9	3.6	45	
41	48	58	52	63	...	...	...	3.1	0.9	...	...	77	57	...	2.8	...	
42	46	48	50	50	530	1.2	-2.1	1.3	2.5	36	32	57	38	3.4	1.2	35	
43	45	39	49	40	547	-0.2	-5.6	0.8	1.2	40	37	48	60	3.9	1.8	45	
44	47	47	51	49	...	...	...	...	...	45	42	78	69	...	2.5	...	
45	48	40	51	41	...	...	...	2.7	2.8	43	42	65	69	3.3	2.6	78	
46	52	44	56	45	1 162	0.7	-1.4	1.7	1.3	...	...	80	73	6.2	2.2	35	
47	65	69	71	76	9 997	1.9	0.8	7.8	0.6	...	...	66	93	8.6	4.1	47	
48	65	70	72	77	...	...	...	7.7	0.1	7	2	81	98	9.7	4.3	44	

Annex Table 1 Basic indicators for all Member States

Member States by WHO Region <sup>a</sup>		POPULATION						MORTALITY RATES								
		Total population		Dependency ratio (per 100)		Total fertility rate		Infant mortality rate (per 1 000)		Probability of dying (per 1 000) under age 5				between age 15 and age 59		Maternal mortality ratio (per 100 000)
		Size (000)	Annual growth rate (%)	1978	1998	1978	1998	1978	1998	Males		Females		1998	1998	
										1998	1998	1998	1998			
<b>All Member States</b>		<b>5 884 576</b>	<b>1.6</b>	<b>72</b>	<b>59</b>	<b>3.9</b>	<b>2.7</b>	<b>87</b>	<b>57</b>	<b>83</b>	<b>83</b>	<b>225</b>	<b>156</b>	<b>430</b>		
49	Bahamas	296	1.9	78	56	3.2	2.6	29	16	20	15	207	111	100		
50	Barbados	268	0.4	68	50	2.2	1.5	27	12	14	15	126	80	43		
51	Belize	230	2.5	106	83	6.2	3.7	45	29	37	37	116	85	...		
52	Bolivia	7 957	2.2	86	79	5.8	4.4	131	66	92	83	271	219	650		
53	Brazil	165 851	1.8	75	54	4.3	2.3	79	42	54	41	292	157	220		
54	Canada	30 563	1.2	49	47	1.8	1.6	12	6	8	6	108	61	6		
55	Chile	14 824	1.6	67	56	3.0	2.4	45	13	17	13	158	86	65		
56	Colombia	40 803	2.0	84	61	4.3	2.8	57	30	43	35	220	119	100		
57	Costa Rica	3 841	2.9	77	62	3.9	2.8	30	12	16	13	124	75	55		
58	Cuba	11 116	0.7	71	45	2.1	1.6	23	9	13	10	141	101	95		
59	Dominica	71	-0.2	...	...	...	...	...	...	...	...	...	...	...		
60	Dominican Republic	8 232	2.1	87	62	4.7	2.8	84	34	51	41	167	121	110		
61	Ecuador	12 175	2.4	90	65	5.4	3.1	82	46	66	54	190	127	150		
62	El Salvador	6 032	1.6	94	70	5.6	3.2	95	32	45	37	239	153	300		
63	Grenada	93	0.2	...	...	...	...	...	...	...	...	...	...	...		
64	Guatemala	10 801	2.6	95	91	6.4	4.9	91	46	65	57	312	201	200		
65	Guyana	850	0.6	85	54	3.9	2.3	67	58	90	65	262	165	...		
66	Haiti	7 952	2.1	85	83	6.0	4.4	139	68	112	97	472	367	1 000		
67	Honduras	6 147	3.1	101	85	6.6	4.3	81	35	54	43	208	150	220		
68	Jamaica	2 538	1.0	95	64	4.0	2.5	37	22	28	25	132	80	120		
69	Mexico	95 831	2.0	99	63	5.3	2.8	57	31	41	34	198	108	110		
70	Nicaragua	4 807	2.8	100	88	6.4	4.4	90	43	64	53	217	157	160		
71	Panama	2 767	2.0	85	60	4.1	2.6	35	21	29	26	148	96	55		
72	Paraguay	5 222	2.9	90	78	5.2	4.2	51	39	54	43	178	120	160		
73	Peru	24 797	2.1	86	64	5.4	3.0	99	45	71	58	201	135	280		
74	Saint Kitts and Nevis	39	-0.7	...	...	...	...	...	...	...	...	...	...	...		
75	Saint Lucia	150	1.5	...	...	...	...	...	...	...	...	...	...	...		
76	Saint Vincent and the Grenadines	112	0.8	...	...	...	...	...	...	...	...	...	...	...		
77	Suriname	414	0.8	92	60	4.2	2.2	44	29	39	28	210	130	...		
78	Trinidad and Tobago	1 283	1.0	69	51	3.4	1.7	32	15	19	12	162	107	90		
79	United States of America	274 028	1.0	52	52	1.8	2.0	14	7	10	8	154	79	12		
80	Uruguay	3 289	0.7	60	60	2.9	2.4	42	18	23	17	179	92	85		
81	Venezuela	23 242	2.5	81	65	4.5	3.0	39	21	27	22	184	105	120		
<b>Eastern Mediterranean</b>		<b>4 73 644</b>	<b>2.8</b>	<b>90</b>	<b>78</b>	<b>6.5</b>	<b>4.4</b>	<b>118</b>	<b>69</b>	<b>107</b>	<b>102</b>	<b>214</b>	<b>172</b>	<b>440</b>		
82	Afghanistan	21 354	1.4	85	84	7.2	6.9	183	152	257	257	371	324	1 700		
83	Bahrain	595	3.2	67	50	5.2	2.9	43	17	26	17	143	92	60		
84	Cyprus	771	1.2	53	55	2.3	2.0	20	9	10	9	115	65	5		
85	Djibouti	623	4.7	86	80	6.7	5.3	143	106	182	166	376	319	570		
86	Egypt	65 978	2.3	78	68	5.3	3.4	131	51	65	64	201	139	170		
87	Iran, Islamic Republic of	65 758	3.0	94	75	6.5	2.8	100	35	52	51	170	150	120		
88	Iraq	21 800	3.0	96	82	6.6	5.3	84	95	119	114	243	192	310		
89	Jordan	6 304	4.3	108	82	7.4	4.9	65	26	32	31	185	142	150		
90	Kuwait	1 811	2.0	77	61	5.9	2.9	34	12	16	14	103	68	29		
91	Lebanon	3 191	0.8	85	64	4.3	2.7	48	29	39	31	180	133	300		
92	Libyan Arab Jamahiriya	5 339	3.3	95	73	7.4	3.8	63	28	32	31	189	143	220		
93	Morocco	27 377	2.0	95	61	5.9	3.1	110	51	74	62	193	142	610		
94	Oman	2 382	4.3	89	90	7.2	5.9	95	25	35	24	170	115	190		
95	Pakistan	148 166	3.1	92	83	7.0	5.0	130	74	108	104	192	148	340		
96	Qatar	579	5.4	53	39	6.1	3.7	46	17	27	18	150	82	...		
97	Saudi Arabia	20 181	4.4	90	78	7.3	5.8	75	23	31	24	157	114	130		
98	Somalia	9 237	2.9	98	101	7.3	7.3	149	122	212	195	408	350	1 600		

	SOCIAL AND ECONOMIC											HEALTH SERVICES AND FINANCE					
	Life expectancy at birth (years)				GDP per capita adjusted for purchasing power			Average years of education for population aged 25+		Malnutrition stunting among children under age 5 (%)		Children immunized against measles (%)		Health expenditures			
	Males		Females		in 1985	Annual growth rate		Females	Male excess over females	Males around	Females around	1987	1997	Total (% of GDP) around 1995	Public sector (% of GDP) around 1995	Public sector (% of total) around 1995	
	1978	1998	1978	1998	1992	1962-1992	1982-1992										1990
	60	65	63	69	4 123	2.7	2.5	4.5	2.1	...	...	53	82	5.2	2.6	48	
49	63	71	71	77	...	...	...	...	...	...	...	93	4.2	2.5	59		
50	69	74	74	79	...	...	...	8.2	0.0	...	...	92	6.8	4.4	65		
51	69	73	71	76	4 253	...	1.8	...	...	...	...	64	98	8.0	6.0	75	
52	48	60	52	63	1 721	1.2	-0.8	3.3	1.7	33	26	33	98	7.1	4.1	58	
53	60	63	64	71	3 882	2.4	-0.2	3.5	0.1	12	9	63	99	4.6	1.8	40	
54	71	76	78	82	16 362	2.6	1.8	10.2	0.3	...	...	70	...	9.2	6.6	71	
55	64	72	71	78	4 890	1.6	3.5	6.1	0.1	...	...	92	92	6.2	2.5	40	
56	62	67	66	74	3 380	2.2	1.4	4.5	-0.6	16	14	72	89	7.4	2.9	40	
57	69	74	73	79	3 569	1.7	1.5	5.3	0.1	6	7	90	99	8.5	6.3	74	
58	71	74	75	78	...	...	...	6.4	0.5	...	...	99	99	...	7.9	...	
59	...	...	...	...	...	...	...	...	...	...	...	87	99	6.3	4.0	63	
60	60	69	64	73	2 250	1.7	0.0	3.5	0.5	12	9	71	80	5.7	1.8	32	
61	60	67	63	72	2 830	2.2	-1.2	5.3	0.7	...	...	46	75	5.3	2.0	39	
62	52	67	62	73	1 876	0.6	0.7	3.0	0.8	23	24	48	97	5.9	2.4	41	
63	...	...	...	...	...	...	...	...	...	...	...	77	92	5.2	2.8	53	
64	54	61	58	67	2 247	0.9	-0.4	2.2	0.7	50	49	24	74	3.2	1.7	54	
65	58	61	63	68	...	...	...	5.4	-0.1	...	...	52	82	5.2	4.3	83	
66	49	51	52	56	...	...	...	1.3	1.8	32	32	24	...	3.6	1.3	40	
67	56	68	60	72	1 385	0.9	-0.4	3.6	0.2	39	40	69	89	5.6	2.8	50	
68	68	73	72	77	...	...	...	4.8	-0.6	...	...	62	88	4.9	2.5	51	
69	62	70	69	75	6 253	2.6	0.5	5.4	0.9	23	23	54	97	4.2	2.4	56	
70	55	66	60	71	...	...	...	3.1	0.5	25	22	44	94	8.6	5.3	61	
71	67	72	71	76	3 332	2.1	-0.8	7.6	-0.2	...	...	78	92	6.7	4.7	70	
72	64	67	69	72	2 178	1.9	-1.0	4.5	0.5	14	14	56	61	5.1	1.8	36	
73	57	66	60	71	2 092	-0.3	-3.5	5.0	0.9	26	25	35	94	3.7	2.2	60	
74	...	...	...	...	4 799	...	...	...	...	...	...	91	97	5.3	3.2	67	
75	...	...	...	...	...	...	...	...	...	...	...	81	95	3.8	2.5	66	
76	...	...	...	...	...	...	...	...	...	...	...	91	99	7.0	5.2	74	
77	63	68	68	73	...	...	...	...	...	...	...	70	78	4.0	2.0	50	
78	66	72	71	76	...	...	...	6.2	0.1	...	...	68	88	3.4	2.1	61	
79	69	73	77	80	17 945	1.8	1.9	11.6	0.9	2	2	82	...	14.0	6.6	47	
80	66	70	73	78	5 185	1.0	1.1	6.9	-0.4	10	9	99	80	13.4	7.0	52	
81	65	70	71	76	7 082	0.2	0.3	4.8	0.2	15	12	57	68	7.5	3.0	40	
82	53	63	55	65	2 139	2.2	1.3	1.7	2.2	...	...	57	83	3.6	1.6	38	
83	40	45	40	46	...	...	...	0.3	1.4	54	49	31	58	...	...	...	
84	64	71	68	75	...	...	...	4.3	0.5	...	...	73	95	7.0	...	...	
85	72	76	76	80	9 203	4.5	5.1	7.2	1.2	...	...	91	90	4.6	...	...	
86	41	49	45	52	...	...	...	...	...	...	...	22	59	...	...	...	
87	53	65	55	68	1 869	2.6	0.8	2.3	2.7	26	23	76	92	3.7	1.6	43	
88	58	69	59	70	3 685	0.8	-0.5	2.3	1.9	20	18	62	96	4.8	2.8	58	
89	61	61	62	64	...	...	...	2.0	2.3	...	...	66	98	...	...	...	
90	59	69	63	72	...	...	...	3.8	2.7	16	16	80	95	7.9	3.7	47	
91	68	74	72	78	...	...	...	5.7	0.0	...	...	95	95	...	3.6	...	
92	63	68	67	72	...	...	...	...	...	13	12	81	89	5.3	2.1	39	
93	56	68	59	72	...	...	...	...	...	16	14	56	92	...	...	...	
94	54	65	58	69	2 173	2.3	1.1	...	...	24	24	73	92	3.4	1.6	48	
95	54	69	56	73	...	...	...	...	...	19	13	86	98	...	2.5	...	
96	53	63	54	65	1 432	2.6	2.4	1.0	2.5	...	...	52	74	3.5	0.8	22	
97	64	70	68	75	...	...	...	...	...	8	8	62	87	2.8	...	...	
98	58	70	60	73	...	...	...	...	...	...	...	77	92	3.1	...	...	
99	40	45	44	49	...	...	...	...	...	...	...	29	...	...	...	...	

Annex Table 1 Basic indicators for all Member States

Member States by WHO Region <sup>a</sup>		POPULATION						MORTALITY RATES						
		Total population		Dependency ratio (per 100)		Total fertility rate		Infant mortality rate (per 1 000)		Probability of dying (per 1 000)				Maternal mortality ratio (per 100 000)
		Size (000)	Annual growth rate (%)	1978	1998	1978	1998	1978	1998	under age 5		between age 15 and age 59		
										Males	Females	Males	Females	
1998	1978-1998	1978	1998	1978	1998	1978	1998	1998	1998	1998	1998	1990		
<b>All Member States</b>		<b>5 884 576</b>	<b>1.6</b>	<b>72</b>	<b>59</b>	<b>3.9</b>	<b>2.7</b>	<b>87</b>	<b>57</b>	<b>83</b>	<b>83</b>	<b>225</b>	<b>156</b>	<b>430</b>
99	Sudan	28 292	2.4	91	77	6.7	4.6	97	71	115	108	357	302	660
100	Syrian Arab Republic	15 333	3.2	108	84	7.4	4.0	67	33	47	33	197	138	180
101	Tunisia	9 335	2.1	86	60	5.7	2.6	88	30	38	36	176	144	170
102	United Arab Emirates	2 353	5.6	43	46	5.7	3.4	38	16	21	17	99	65	26
103	Yemen	16 887	4.0	115	102	7.6	7.6	158	80	112	114	303	274	1 400
<b>Europe</b>		<b>870 128</b>	<b>0.5</b>	<b>56</b>	<b>50</b>	<b>2.2</b>	<b>1.6</b>	<b>35</b>	<b>21</b>	<b>30</b>	<b>23</b>	<b>217</b>	<b>95</b>	<b>59</b>
104	Albania	3 119	1.0	73	57	4.2	2.5	50	30	46	39	122	65	65
105	Andorra	72	4.4	...	...	...	...	...	...	...	...	...	...	...
106	Armenia	3 536	0.8	60	53	2.5	1.7	22	26	35	30	222	115	50
107	Austria	8 140	0.4	59	47	1.6	1.4	17	6	8	7	137	63	10
108	Azerbaijan	7 669	1.3	73	58	3.6	2.0	41	36	55	44	243	111	22
109	Belarus	10 315	0.4	52	50	2.1	1.4	22	23	36	20	339	126	37
110	Belgium	10 141	0.2	54	51	1.7	1.6	14	7	9	7	119	64	10
111	Bosnia and Herzegovina	3 675	-0.2	53	41	2.2	1.4	36	15	19	15	172	88	...
112	Bulgaria	8 336	-0.3	51	48	2.2	1.2	22	17	23	16	225	99	27
113	Croatia	4 481	0.2	49	47	2.0	1.6	21	10	14	11	213	86	...
114	Czech Republic	10 282	0.0	57	45	2.3	1.2	18	6	9	7	183	81	15
115	Denmark	5 270	0.2	56	49	1.7	1.7	9	7	10	7	141	96	9
116	Estonia	1 429	-0.1	52	47	2.1	1.3	22	19	33	17	314	109	41
117	Finland	5 154	0.4	48	49	1.6	1.7	9	6	7	6	151	58	11
118	France	58 683	0.5	58	53	1.9	1.7	11	6	8	7	145	63	15
119	Georgia	5 059	0.1	55	54	2.4	1.9	36	20	27	20	221	86	33
120	Germany	82 133	0.2	54	47	1.5	1.3	15	5	7	6	132	66	22
121	Greece	10 600	0.6	57	49	2.3	1.3	25	8	9	8	110	49	10
122	Hungary	10 116	-0.3	53	47	2.1	1.4	27	10	13	10	281	128	30
123	Iceland	276	1.0	62	53	2.3	2.1	9	5	6	6	92	63	0
124	Ireland	3 681	0.5	72	50	3.5	1.9	15	7	9	7	114	66	10
125	Israel	5 984	2.4	71	61	3.4	2.7	18	8	11	9	102	61	7
126	Italy	57 369	0.1	56	47	1.9	1.2	18	7	9	8	108	54	12
127	Kazakhstan	16 319	0.6	64	55	3.1	2.3	45	35	46	36	306	133	80
128	Kyrgyzstan	4 643	1.4	78	72	4.1	3.2	55	40	56	44	282	135	110
129	Latvia	2 424	-0.2	51	49	2.0	1.3	23	18	31	18	334	118	40
130	Lithuania	3 694	0.4	55	50	2.1	1.4	22	21	29	18	309	111	36
131	Luxembourg	422	0.7	50	48	1.5	1.7	13	7	8	8	130	62	0
132	Malta	384	1.0	50	48	2.0	1.9	15	8	11	8	93	55	...
133	Monaco	33	1.2	...	...	...	...	...	...	...	...	...	...	...
134	Netherlands	15 678	0.6	53	47	1.6	1.5	10	6	9	7	102	65	12
135	Norway	4 419	0.4	59	54	1.8	1.9	9	5	7	6	107	59	6
136	Poland	38 718	0.5	51	48	2.3	1.5	23	15	18	14	224	88	19
137	Portugal	9 869	0.2	59	47	2.4	1.4	30	9	12	10	156	72	15
138	Republic of Moldova	4 378	0.5	53	52	2.4	1.8	46	29	39	25	302	156	60
139	Romania	22 474	0.1	57	46	2.6	1.2	31	23	39	26	243	105	130
140	Russian Federation	147 434	0.4	47	46	1.9	1.3	30	18	25	19	400	146	75
141	San Marino	26	1.2	...	...	...	...	...	...	...	...	...	...	...
142	Slovakia	5 377	0.5	57	47	2.5	1.4	22	11	14	12	216	89	...
143	Slovenia	1 993	0.5	54	43	2.2	1.3	17	7	9	8	189	81	13
144	Spain	39 628	0.4	60	46	2.6	1.2	16	7	9	7	129	54	7
145	Sweden	8 875	0.4	56	56	1.6	1.6	8	5	7	6	97	63	7
146	Switzerland	7 299	0.7	52	47	1.5	1.5	10	6	10	7	114	60	6
147	Tajikistan	6 015	2.4	94	84	5.9	4.2	69	57	88	73	219	142	130

	SOCIAL AND ECONOMIC											HEALTH SERVICES AND FINANCE					
	Life expectancy at birth (years)				GDP per capita adjusted for purchasing power			Average years of education for population aged 25+		Malnutrition stunting among children under age 5 (%)		Children immunized against measles (%)		Health expenditures			
	Males		Females		in 1985	Annual growth rate (%)		Females	Male excess over females	Males around	Females around	around		Total (% of GDP)	Public sector (% of GDP)	Public sector (% of total)	
	1978	1998	1978	1998	US\$	1962-1992	1982-1992	1990	1990	1995	1995	1987	1997	around 1995	around 1995	around 1995	
	60	65	63	69	4 123	2.7	2.5	4.5	2.1	...	...	53	82	5.2	2.6	48	
99	45	54	48	56	...	...	...	0.6	1.2	34	34	22	92	0.3	...	...	
100	58	67	62	71	...	...	...	2.9	3.0	23	18	63	93	...	...	...	
101	60	68	61	71	3 075	3.5	1.7	2.0	2.0	22	23	74	92	5.9	3.0	52	
102	65	74	69	76	...	...	...	...	...	...	...	56	95	2.5	2.0	81	
103	44	57	44	58	...	...	...	...	...	36	47	22	51	2.5	1.1	43	
	67	69	74	77	10 189	2.6	2.0	6.9	0.8	...	...	65	87	7.1	5.2	78	
104	67	70	71	76	...	...	...	...	...	...	...	96	95	...	2.5	...	
105	...	...	...	...	...	...	...	...	...	...	...	...	90	...	...	...	
106	69	67	75	74	...	...	...	...	...	...	...	...	92	7.8	3.1	40	
107	69	74	76	80	12 955	2.9	2.1	6.6	1.9	...	...	60	90	8.0	6.0	75	
108	64	66	72	74	...	...	...	...	...	24	20	...	...	6.1	1.1	19	
109	66	62	76	74	...	...	...	...	...	...	...	...	98	6.4	5.3	83	
110	69	74	76	81	13 484	2.7	2.1	8.4	0.7	...	...	50	64	7.9	6.9	88	
111	67	71	72	76	...	...	...	...	...	...	...	...	85	...	...	...	
112	69	68	74	75	5 208	...	2.0	9.0	0.5	...	...	100	93	6.9	5.5	80	
113	67	69	74	77	...	...	...	...	...	...	...	...	93	10.1	8.5	84	
114	67	70	74	77	...	...	...	...	...	2	2	...	96	9.1	7.4	81	
115	71	73	77	78	14 091	2.1	2.0	10.9	0.7	...	...	82	84	6.4	5.1	79	
116	65	63	74	75	...	...	...	...	...	...	...	...	88	...	6.4	...	
117	68	73	77	81	12 000	2.5	0.7	9.6	0.3	...	...	...	...	7.5	5.6	75	
118	70	74	78	82	13 918	2.6	1.5	6.6	0.7	...	...	41	83	9.7	7.8	81	
119	67	69	74	77	...	...	...	...	...	...	...	...	95	...	0.6	...	
120	69	74	76	80	...	...	...	...	...	...	...	50	...	10.5	8.2	78	
121	72	76	76	81	...	...	...	6.4	2.7	...	...	81	90	5.9	4.9	83	
122	66	67	73	75	4 645	...	-1.1	8.0	0.9	...	...	100	100	7.3	6.8	93	
123	73	77	79	81	12 618	3.0	0.5	7.6	0.7	...	...	...	...	8.0	6.7	84	
124	70	74	75	79	9 637	3.3	3.2	8.1	0.0	...	...	...	...	6.4	5.1	81	
125	71	76	75	80	9 843	3.1	1.9	8.7	0.7	...	...	89	94	4.1	...	...	
126	70	75	77	81	12 721	3.0	2.2	5.7	1.0	...	...	21	75	7.6	5.3	70	
127	60	63	70	72	...	...	...	...	...	18	14	...	97	...	2.2	...	
128	60	63	68	72	...	...	...	...	...	...	...	...	98	...	3.5	...	
129	64	62	74	74	...	...	...	...	...	...	...	...	97	...	4.4	...	
130	66	64	75	76	...	...	...	...	...	...	...	...	96	...	4.8	...	
131	68	73	75	80	16 798	2.3	3.5	...	...	...	...	77	91	7.0	6.5	93	
132	70	75	74	79	...	...	...	6.3	0.8	...	...	59	...	7.4	...	...	
133	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
134	72	75	79	81	13 281	2.5	2.0	8.2	0.8	...	...	93	96	8.6	6.6	77	
135	72	75	79	81	15 518	3.2	2.5	7.6	0.8	...	...	87	...	7.9	6.5	83	
136	67	68	75	77	3 826	...	0.5	9.3	0.6	...	...	94	...	6.0	5.0	83	
137	67	72	74	79	...	...	...	3.3	0.7	...	...	81	...	8.2	4.9	60	
138	62	64	69	72	...	...	...	...	...	...	...	99	...	...	4.9	...	
139	67	66	72	74	...	...	...	8.6	1.3	8	8	90	97	...	3.6	...	
140	62	61	73	73	...	...	...	...	...	12	13	92	...	4.8	4.1	87	
141	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
142	67	69	74	77	...	...	...	...	...	...	...	...	98	...	4.6	...	
143	67	71	75	78	...	...	...	...	...	...	...	82	...	...	7.3	...	
144	71	75	77	82	9 802	3.2	3.0	6.1	0.4	...	...	85	...	7.7	5.9	76	
145	72	76	78	81	13 986	1.8	1.1	9.3	0.4	...	...	93	...	7.3	5.9	80	
146	72	75	79	82	15 887	1.4	1.2	8.3	1.2	...	...	...	...	9.8	7.0	72	
147	62	64	67	70	...	...	...	...	...	...	...	...	95	...	5.8	...	

Annex Table 1 Basic indicators for all Member States

Member States by WHO Region <sup>a</sup>	POPULATION						MORTALITY RATES							
	Total population		Dependency ratio (per 100)		Total fertility rate		Infant mortality rate (per 1 000)		Probability of dying (per 1 000)				Maternal mortality ratio (per 100 000)	
	Size (000)	Annual growth rate (%)	1978	1998	1978	1998	1978	1998	under age 5		between age 15 and age 59			
									Males	Females	Males	Females		
1998	1978-1998	1978	1998	1978	1998	1978	1998	1998	1998	1998	1998	1990		
<b>All Member States</b>	<b>5 884 576</b>	<b>1.6</b>	<b>72</b>	<b>59</b>	<b>3.9</b>	<b>2.7</b>	<b>87</b>	<b>57</b>	<b>83</b>	<b>83</b>	<b>225</b>	<b>156</b>	<b>430</b>	
148	The Former Yugoslav Republic of Macedonia	1 999	0.7	57	50	2.7	2.1	57	23	27	24	146	81	...
149	Turkey	64 479	2.1	80	53	4.5	2.5	120	45	67	52	174	111	180
150	Turkmenistan	4 309	2.3	87	75	5.3	3.6	73	55	86	69	267	154	55
151	Ukraine	50 861	0.1	50	49	2.0	1.4	23	19	30	20	311	124	50
152	United Kingdom	58 649	0.2	58	54	1.7	1.7	14	7	9	8	110	69	9
153	Uzbekistan	23 574	2.2	89	76	5.1	3.4	58	44	69	56	245	145	55
154	Yugoslavia	10 635	0.6	52	50	2.4	1.8	38	18	28	23	157	77	...
	<b>South-East Asia</b>	<b>1 485 056</b>	<b>1.9</b>	<b>79</b>	<b>62</b>	<b>4.9</b>	<b>2.9</b>	<b>121</b>	<b>68</b>	<b>87</b>	<b>97</b>	<b>237</b>	<b>189</b>	<b>610</b>
155	Bangladesh	124 774	2.0	98	67	6.7	3.1	137	79	106	116	295	276	850
156	Bhutan	2 004	2.3	81	88	5.9	5.5	130	63	98	94	268	225	1 600
157	Democratic People's Republic of Korea	23 348	1.5	82	48	3.3	2.1	38	22	27	25	184	108	70
158	India	982 223	2.0	76	64	4.8	3.1	129	72	82	97	230	182	570
159	Indonesia	206 338	1.8	81	56	4.7	2.6	105	48	69	56	236	184	650
160	Maldives	271	3.0	86	91	7.0	5.4	106	50	53	80	208	222	...
161	Myanmar	44 497	1.6	78	51	5.3	2.4	114	79	121	104	262	207	580
162	Nepal	22 847	2.6	85	83	6.2	4.5	142	83	110	124	301	287	1 500
163	Sri Lanka	18 455	1.3	69	51	3.8	2.1	41	18	22	20	171	93	140
164	Thailand	60 300	1.5	83	47	4.3	1.7	56	29	37	33	272	173	200
	<b>Western Pacific</b>	<b>1 651 154</b>	<b>1.3</b>	<b>71</b>	<b>49</b>	<b>3.3</b>	<b>1.9</b>	<b>53</b>	<b>38</b>	<b>43</b>	<b>50</b>	<b>162</b>	<b>100</b>	<b>120</b>
165	Australia	18 520	1.3	55	50	2.1	1.8	13	6	8	6	105	56	9
166	Brunei Darussalam	315	2.8	74	58	4.4	2.8	23	10	11	11	124	64	60
167	Cambodia	10 716	2.4	76	82	4.1	4.6	263	103	141	127	400	323	900
168	China	1 255 698	1.3	73	47	3.3	1.8	52	41	43	54	164	101	95
169	<i>Cook Islands</i>	19	0.2	...	...	...	...	...	...	...	...	...	...	...
170	Fiji	796	1.3	72	59	4.0	2.7	37	20	28	18	148	97	90
171	Japan	126 281	0.5	48	45	1.8	1.4	9	4	6	5	99	50	18
172	<i>Kiribati</i>	81	1.6	...	...	...	...	...	...	...	...	...	...	...
173	Lao People's Democratic Republic	5 163	2.5	81	91	6.7	5.8	135	93	154	146	344	296	650
174	Malaysia	21 410	2.5	78	64	4.2	3.2	34	11	16	13	179	107	80
175	<i>Marshall Islands</i>	60	3.1	...	...	...	...	...	...	...	...	...	...	...
176	<i>Micronesia, Federated States of</i>	114	1.9	...	...	...	...	...	...	...	...	...	...	...
177	Mongolia	2 579	2.5	86	67	6.6	2.6	88	51	72	75	224	166	65
178	<i>Nauru</i>	11	2.3	...	...	...	...	...	...	...	...	...	...	...
179	New Zealand	3 796	1.0	60	53	2.2	2.0	14	7	9	8	125	79	26
180	<i>Niue</i>	2	-3.2	...	...	...	...	...	...	...	...	...	...	...
181	<i>Palau</i>	19	2.4	...	...	...	...	...	...	...	...	...	...	...
182	Papua New Guinea	4 600	2.3	81	72	5.9	4.6	77	61	79	88	370	327	930
183	Philippines	72 944	2.3	82	69	5.0	3.6	62	36	49	38	200	151	280
184	Republic of Korea	46 109	1.1	64	40	2.9	1.7	30	10	13	13	203	98	130
185	Samoa	174	0.6	99	76	6.2	4.2	76	23	25	29	178	125	35
186	Singapore	3 476	2.0	51	41	1.9	1.7	13	5	6	6	118	78	10
187	Solomon Islands	417	3.5	106	86	7.1	4.9	47	23	32	22	160	108	...
188	<i>Tonga</i>	98	0.4	...	...	...	...	...	...	...	...	...	...	...
189	<i>Tuvalu</i>	11	2.2	...	...	...	...	...	...	...	...	...	...	...
190	Vanuatu	182	2.5	91	83	5.5	4.3	84	39	54	42	211	157	280
191	Viet Nam	77 562	2.1	91	66	5.6	2.6	82	38	54	57	218	147	160

<sup>a</sup> Italics indicate less populous Member States (under 150 000 population in 1998).

... Data not available or not applicable.

	SOCIAL AND ECONOMIC											HEALTH SERVICES AND FINANCE					
	Life expectancy at birth (years)				GDP per capita adjusted for purchasing power			Average years of education for population aged 25+		Malnutrition stunting among children under age 5 (%)		Children immunized against measles (%)		Health expenditures			
	Males		Females		in 1985	Annual growth rate		Females over males		Males around	Females around	around		Total (% of GDP)	Public sector (% of GDP)	Public sector (% of total)	
	1978	1998	1978	1998	US\$	1962-1992	1982-1992	1990	1990	1995	1995	1987	1997	around 1995	around 1995	around 1995	
	60	65	63	69	4 123	2.7	2.5	4.5	2.1	...	...	53	82	5.2	2.6	48	
148	68	71	71	75	...	...	...	...	...	...	...	98	8.3	7.3	89		
149	58	67	63	72	3 807	2.8	2.9	2.6	1.6	21	20	50	76	4.2	2.7	65	
150	58	62	65	69	...	...	...	...	...	...	...	100	...	1.2	...		
151	64	64	74	74	...	...	...	...	...	...	...	...	...	4.9	...		
152	70	75	76	80	12 724	2.0	2.2	8.7	0.1	...	...	76	95	6.9	5.8	84	
153	62	64	68	71	...	...	...	...	...	34	29	...	88	...	3.5	...	
154	68	70	73	75	...	...	...	6.2	2.1	7	7	92	91	...	...	...	
155	53	62	53	64	1 558	2.2	3.3	2.4	2.3	...	...	40	85	4.7	1.1	27	
156	47	58	46	58	1 510	1.5	2.5	1.2	2.1	54	55	6	97	2.4	1.2	48	
157	45	60	47	62	...	...	...	...	...	...	...	52	84	...	2.3	...	
158	62	69	69	75	...	...	...	...	...	...	...	94	...	...	...	...	
159	53	62	52	63	1 282	1.8	3.2	2.2	2.7	52	52	44	81	5.6	1.2	22	
160	52	63	54	67	2 102	4.0	3.5	3.2	1.5	43	41	46	92	1.8	0.6	37	
161	56	66	53	63	...	...	...	...	...	28	26	41	96	...	4.9	...	
162	47	59	53	62	...	...	...	1.8	0.7	47	42	17	88	...	0.4	...	
163	47	58	45	57	...	...	...	0.3	1.5	47	50	37	85	5.0	1.2	24	
164	65	71	69	75	2 215	1.9	2.1	5.0	0.9	23	25	55	94	1.9	1.4	76	
165	59	66	63	72	3 942	4.7	6.0	4.8	0.8	...	...	52	...	5.3	1.4	26	
166	64	68	67	73	2 959	4.0	4.1	4.4	3.0	...	...	62	94	4.2	2.3	54	
167	70	75	77	81	14 458	2.0	1.8	9.8	0.7	...	...	68	87	8.6	5.7	67	
168	68	73	71	78	...	...	...	...	...	...	...	100	98	...	2.2	...	
169	30	51	33	55	...	...	...	...	...	...	...	52	68	7.2	0.7	10	
170	64	68	66	72	1 493	4.1	4.5	3.4	3.6	32	31	63	96	3.8	2.1	54	
171	...	...	...	...	...	...	...	...	...	...	...	84	89	...	...	...	
172	66	71	69	75	...	...	...	7.0	0.9	2	4	64	75	3.4	2.3	68	
173	73	77	78	83	15 105	4.9	3.6	8.8	0.8	...	...	...	...	7.2	5.6	78	
174	...	...	...	...	...	...	...	...	...	...	...	14	82	...	22.8	...	
175	42	52	45	55	...	...	...	...	...	48	47	11	67	2.6	1.3	48	
176	64	70	67	74	5 746	4.5	3.3	4.4	2.3	...	...	41	84	2.5	1.5	60	
177	...	...	...	...	...	...	...	...	...	...	...	31	52	...	12.4	...	
178	...	...	...	...	...	...	...	...	...	...	...	69	74	...	...	...	
179	55	64	58	67	...	...	...	...	...	26	27	61	98	4.7	4.4	92	
180	...	...	...	...	...	...	...	...	...	...	...	...	100	...	...	...	
181	69	74	76	80	11 363	1.1	0.4	10.8	0.9	...	...	67	100	7.2	5.5	76	
182	...	...	...	...	...	...	...	...	...	...	...	94	100	...	...	...	
183	...	...	...	...	...	...	...	...	...	...	...	98	83	...	...	...	
184	50	57	50	59	1 606	0.4	-0.3	1.2	1.0	...	...	37	40	...	2.8	...	
185	58	67	61	70	1 689	1.1	-1.2	6.8	-0.2	34	31	68	90	2.4	1.3	56	
186	61	69	68	76	...	...	...	8.1	2.4	...	...	82	85	5.4	...	34	
187	61	69	64	74	...	...	...	...	...	...	...	78	99	...	3.1	...	
188	69	75	73	79	12 653	6.7	4.8	5.0	1.0	...	...	94	90	3.5	1.3	37	
189	63	70	67	74	...	...	...	...	...	...	...	58	68	5.6	4.8	86	
190	...	...	...	...	...	...	...	...	...	...	...	88	97	...	4.0	...	
191	...	...	...	...	...	...	...	...	...	...	...	65	100	...	...	...	
192	55	66	59	70	...	...	...	...	...	...	...	34	65	...	3.3	...	
193	54	65	58	70	...	...	...	...	...	47	47	42	96	5.2	1.1	22	

Annex Table 2 Mortality by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
<b>Population (000)</b>	5 884 576		2 963 656		2 920 920		907 828		4 976 748	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
<b>TOTAL DEATHS</b>	<b>53 929</b>	<b>100</b>	<b>28 510</b>	<b>100</b>	<b>25 420</b>	<b>100</b>	<b>8 033</b>	<b>100</b>	<b>45 897</b>	<b>100</b>
<b>I. Communicable diseases, maternal and perinatal conditions and nutritional deficiencies</b>	<b>16 447</b>	<b>30.5</b>	<b>8 286</b>	<b>29.1</b>	<b>8 161</b>	<b>32.1</b>	<b>510</b>	<b>6.3</b>	<b>15 937</b>	<b>34.7</b>
A. Infectious and parasitic diseases	9 802	18.2	5 153	18.1	4 649	18.3	122	1.5	9 680	21.1
1. Tuberculosis	1 498	2.8	893	3.1	605	2.4	18	0.2	1 480	3.2
2. STDs excluding HIV	181	0.3	80	0.3	101	0.4	1	0.0	180	0.4
a. Syphilis	159	0.3	80	0.3	80	0.3	1	0.0	159	0.3
b. Chlamydia	13	0.0	0	0.0	13	0.1	0	0.0	13	0.0
c. Gonorrhoea	8	0.0	0	0.0	8	0.0	0	0.0	8	0.0
d. Other STDs	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
3. HIV/AIDS	2 285	4.2	1 164	4.1	1 121	4.4	32	0.4	2 253	4.9
4. Diarrhoeal diseases	2 219	4.1	1 149	4.0	1 070	4.2	7	0.1	2 212	4.8
5. Childhood diseases	1 650	3.1	846	3.0	804	3.2	10	0.1	1 640	3.6
a. Pertussis	346	0.6	178	0.6	168	0.7	3	0.0	342	0.7
b. Poliomyelitis	2	0.0	1	0.0	1	0.0	0	0.0	2	0.0
c. Diphtheria	5	0.0	3	0.0	2	0.0	0	0.0	5	0.0
d. Measles	888	1.6	456	1.6	432	1.7	5	0.1	882	1.9
e. Tetanus	410	0.8	208	0.7	202	0.8	1	0.0	409	0.9
6. Meningitis	143	0.3	74	0.3	69	0.3	4	0.1	139	0.3
7. Hepatitis	92	0.2	55	0.2	37	0.1	4	0.1	88	0.2
8. Malaria	1 110	2.1	572	2.0	538	2.1	0	0.0	1 110	2.4
9. Tropical diseases	106	0.2	58	0.2	48	0.2	0	0.0	106	0.2
a. Trypanosomiasis	40	0.1	20	0.1	21	0.1	0	0.0	40	0.1
b. Chagas disease	17	0.0	8	0.0	9	0.0	0	0.0	17	0.0
c. Schistosomiasis	7	0.0	4	0.0	3	0.0	0	0.0	7	0.0
d. Leishmaniasis	42	0.1	26	0.1	16	0.1	0	0.0	42	0.1
e. Lymphatic filariasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
f. Onchocerciasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10. Leprosy	2	0.0	1	0.0	1	0.0	0	0.0	2	0.0
11. Dengue	15	0.0	7	0.0	8	0.0	0	0.0	15	0.0
12. Japanese encephalitis	3	0.0	2	0.0	2	0.0	0	0.0	3	0.0
13. Trachoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
14. Intestinal nematode infections	17	0.0	9	0.0	8	0.0	0	0.0	17	0.0
a. Ascariasis	8	0.0	4	0.0	4	0.0	0	0.0	8	0.0
b. Trichuriasis	5	0.0	3	0.0	2	0.0	0	0.0	5	0.0
c. Hookworm disease	4	0.0	2	0.0	2	0.0	0	0.0	4	0.0
d. Other intestinal infections	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15. Other infectious diseases	478	0.9	243	0.9	235	0.9	46	0.6	432	0.9
B. Respiratory infections	3 507	6.5	1 781	6.2	1 726	6.8	309	3.9	3 198	7.0
1. Acute lower respiratory infections	3 452	6.4	1 753	6.1	1 699	6.7	306	3.8	3 146	6.9
2. Acute upper respiratory infections	34	0.1	17	0.1	17	0.1	3	0.0	31	0.1
3. Otitis media	20	0.0	10	0.0	10	0.0	0	0.0	20	0.0
C. Maternal conditions	493	0.9	0	0.0	493	1.9	2	0.0	491	1.1
1. Haemorrhage	123	0.2	0	0.0	123	0.5	0	0.0	122	0.3
2. Sepsis	74	0.1	0	0.0	74	0.3	0	0.0	74	0.2
3. Hypertensive disorders of pregnancy	62	0.1	0	0.0	62	0.2	1	0.0	61	0.1

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	601 783	304 886	497 925	473 644	392 402	477 727	982 223	502 833	198 497	1 255 698	196 958
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
	9 621	2 538	3 113	3 773	3 974	5 281	9 337	4 147	1 482	9 296	1 367
I.	6 344	154	726	1 487	239	496	3 944	1 415	108	1 055	479
A.	4 695	38	366	752	51	183	2 121	839	29	456	273
1.	209	1	53	139	7	53	421	261	10	259	86
2.	69	0	9	12	0	2	55	23	0	1	9
a.	62	0	8	11	0	2	47	20	0	0	8
b.	4	0	1	0	0	0	5	2	0	0	1
c.	3	0	0	0	0	0	3	1	0	0	0
d.	0	0	0	0	0	0	0	0	0	0	0
3.	1 830	19	80	16	12	4	179	119	2	8	16
4.	731	1	111	278	4	58	711	183	0	66	76
5.	738	0	31	199	2	32	429	139	7	29	44
a.	130	0	16	50	1	14	71	36	3	13	12
b.	1	0	0	0	0	0	1	0	0	0	0
c.	1	0	0	0	0	1	2	1	0	0	0
d.	503	0	0	96	1	6	190	66	4	5	17
e.	103	0	14	52	1	11	165	37	0	12	15
6.	21	1	12	12	2	8	36	14	1	32	5
7.	13	1	4	8	2	4	16	12	1	28	4
8.	961	0	4	53	0	0	20	53	0	0	20
9.	49	0	18	6	0	1	30	2	0	1	1
a.	38	0	0	3	0	0	0	0	0	0	0
b.	0	0	17	0	0	0	0	0	0	0	0
c.	3	0	0	1	0	0	0	0	0	1	0
d.	8	0	0	2	0	0	30	1	0	0	0
e.	0	0	0	0	0	0	0	0	0	0	0
f.	0	0	0	0	0	0	0	0	0	0	0
10.	0	0	1	0	0	0	1	0	0	0	0
11.	0	0	0	0	0	0	10	3	0	1	1
12.	0	0	0	0	0	0	1	1	0	2	0
13.	0	0	0	0	0	0	0	0	0	0	0
14.	2	0	2	1	0	0	3	3	0	5	1
a.	1	0	1	0	0	0	1	1	0	3	1
b.	0	0	1	0	0	0	0	1	0	2	1
c.	1	0	0	0	0	0	1	1	0	0	0
d.	0	0	0	0	0	0	0	0	0	0	0
15.	72	15	42	29	23	19	209	25	8	26	10
B.	806	97	142	348	155	184	987	292	55	330	111
1.	793	96	141	343	154	182	969	288	54	325	109
2.	8	1	1	3	1	1	10	3	1	3	1
3.	5	0	0	2	0	1	9	1	0	1	1
C.	194	0	20	52	1	16	125	42	0	29	14
1.	47	0	5	13	0	4	30	10	0	11	3
2.	31	0	2	9	0	2	20	7	0	1	2
3.	24	0	3	8	0	3	15	5	0	2	2

Annex Table 2 Mortality by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
<b>Population (000)</b>	<b>5 884 576</b>		<b>2 963 656</b>		<b>2 920 920</b>		<b>907 828</b>		<b>4 976 748</b>	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
4. Obstructed labour	38	0.1	0	0.0	38	0.1	0	0.0	38	0.1
5. Abortion	66	0.1	0	0.0	66	0.3	0	0.0	66	0.1
6. Other maternal conditions	131	0.2	0	0.0	131	0.5	0	0.0	130	0.3
D. Perinatal conditions	2 155	4.0	1 121	3.9	1 034	4.1	53	0.7	2 102	4.6
E. Nutritional deficiencies	490	0.9	231	0.8	259	1.0	23	0.3	467	1.0
1. Protein-energy malnutrition	281	0.5	136	0.5	145	0.6	7	0.1	274	0.6
2. Iodine deficiency	16	0.0	8	0.0	8	0.0	0	0.0	16	0.0
3. Vitamin A deficiency	78	0.1	40	0.1	39	0.2	0	0.0	78	0.2
4. Anaemias	110	0.2	45	0.2	65	0.3	15	0.2	95	0.2
5. Other nutritional disorders	4	0.0	2	0.0	2	0.0	1	0.0	3	0.0
<b>II. Noncommunicable conditions</b>	<b>31 717</b>	<b>58.8</b>	<b>16 409</b>	<b>57.6</b>	<b>15 308</b>	<b>60.2</b>	<b>7 024</b>	<b>87.4</b>	<b>24 693</b>	<b>53.8</b>
A. Malignant neoplasms	7 228	13.4	4 115	14.4	3 113	12.2	2 020	25.1	5 209	11.3
1. Mouth and oropharynx	352	0.7	233	0.8	120	0.5	41	0.5	312	0.7
2. Esophagus	436	0.8	289	1.0	147	0.6	49	0.6	387	0.8
3. Stomach	822	1.5	518	1.8	304	1.2	143	1.8	679	1.5
4. Colon/rectum	556	1.0	284	1.0	273	1.1	243	3.0	313	0.7
5. Liver	609	1.1	433	1.5	176	0.7	46	0.6	563	1.2
6. Pancreas	214	0.4	118	0.4	96	0.4	99	1.2	115	0.3
7. Trachea/bronchus/lung	1 244	2.3	911	3.2	333	1.3	422	5.3	822	1.8
8. Melanoma and other skin cancers	55	0.1	28	0.1	27	0.1	25	0.3	30	0.1
9. Breast	412	0.8	0	0.0	412	1.6	160	2.0	252	0.5
10. Cervix	237	0.4	0	0.0	237	0.9	17	0.2	220	0.5
11. Corpus uteri	73	0.1	0	0.0	73	0.3	27	0.3	46	0.1
12. Ovary	122	0.2	0	0.0	122	0.5	45	0.6	76	0.2
13. Prostate	239	0.4	239	0.8	0	0.0	115	1.4	124	0.3
14. Bladder	158	0.3	117	0.4	41	0.2	56	0.7	101	0.2
15. Lymphoma	248	0.5	144	0.5	104	0.4	91	1.1	157	0.3
16. Leukaemia	253	0.5	135	0.5	117	0.5	65	0.8	188	0.4
17. Other cancers	1 199	2.2	666	2.3	532	2.1	373	4.6	825	1.8
B. Other neoplasms	109	0.2	56	0.2	52	0.2	39	0.5	69	0.2
C. Diabetes mellitus	600	1.1	257	0.9	343	1.3	161	2.0	439	1.0
D. Nutritional/endocrine disorders	147	0.3	67	0.2	80	0.3	50	0.6	96	0.2
E. Neuropsychiatric disorders	720	1.3	380	1.3	340	1.3	225	2.8	495	1.1
1. Unipolar major disorder	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2. Bipolar affective disorder	16	0.0	5	0.0	11	0.0	1	0.0	15	0.0
3. Psychoses	54	0.1	29	0.1	25	0.1	14	0.2	40	0.1
4. Epilepsy	68	0.1	40	0.1	28	0.1	8	0.1	60	0.1
5. Alcohol dependence	59	0.1	50	0.2	9	0.0	16	0.2	42	0.1
6. Alzheimer and other dementias	216	0.4	88	0.3	128	0.5	105	1.3	111	0.2
7. Parkinson disease	63	0.1	34	0.1	29	0.1	33	0.4	30	0.1
8. Multiple sclerosis	26	0.0	11	0.0	15	0.1	6	0.1	20	0.0
9. Drug dependence	11	0.0	9	0.0	2	0.0	3	0.0	7	0.0
10. Post traumatic stress disorder	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11. Obsessive-compulsive disorders	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
12. Panic disorder	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13. Other neuropsychiatric disorders	208	0.4	114	0.4	94	0.4	38	0.5	170	0.4

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	<b>601 783</b>	<b>304 886</b>	<b>497 925</b>	<b>473 644</b>	<b>392 402</b>	<b>477 727</b>	<b>982 223</b>	<b>502 833</b>	<b>198 497</b>	<b>1 255 698</b>	<b>196 958</b>
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
4.	16	0	2	4	0	1	10	3	0	0	1
5.	26	0	5	5	0	2	19	6	0	2	2
6.	51	0	4	14	0	4	31	11	0	11	4
D.	532	11	138	274	20	92	612	203	20	186	66
E.	116	7	60	61	12	22	100	39	4	55	15
1.	79	2	40	39	4	10	53	19	1	25	8
2.	1	0	1	2	0	0	5	1	0	5	1
3.	26	0	4	13	0	3	16	8	0	6	3
4.	10	5	14	6	8	6	26	11	3	18	4
5.	0	0	0	0	0	2	0	0	0	0	0
II.	<b>2 114</b>	<b>2 216</b>	<b>1 933</b>	<b>1 823</b>	<b>3 499</b>	<b>4 266</b>	<b>4 470</b>	<b>2 273</b>	<b>1 285</b>	<b>7 108</b>	<b>729</b>
A.	504	640	427	240	996	778	653	590	379	1 836	184
1.	27	13	15	16	20	26	100	62	8	47	19
2.	27	16	13	11	24	14	62	22	9	231	7
3.	33	45	41	18	71	111	51	44	27	368	13
4.	18	77	28	12	121	76	25	39	45	102	12
5.	65	14	7	12	23	27	16	62	9	355	19
6.	8	31	10	5	49	31	9	9	19	39	3
7.	26	133	48	37	208	184	79	86	80	337	26
8.	9	8	4	2	12	9	1	2	5	1	1
9.	27	51	42	14	79	46	47	29	30	37	9
10.	38	6	30	9	9	19	57	29	3	28	9
11.	4	8	8	2	14	14	4	4	5	8	1
12.	9	14	7	4	22	16	14	10	9	13	3
13.	38	37	25	7	57	18	14	12	21	6	4
14.	16	18	10	10	28	20	8	11	10	23	3
15.	30	29	19	10	45	19	22	22	17	27	7
16.	11	21	15	12	32	23	18	25	12	76	9
17.	118	118	104	58	184	123	124	121	70	139	39
B.	10	13	10	5	19	9	5	7	7	21	2
C.	25	50	96	46	81	49	102	47	29	61	15
D.	23	16	28	14	25	7	2	7	9	13	2
E.	43	72	51	48	111	83	104	53	41	96	17
1.	0	0	0	0	0	0	0	0	0	0	0
2.	1	0	1	1	0	6	2	1	0	2	0
3.	1	5	4	3	7	5	5	4	3	16	1
4.	6	3	6	7	4	8	13	6	1	12	2
5.	5	5	12	1	8	8	5	4	3	5	1
6.	8	33	8	7	53	20	22	14	19	26	5
7.	2	11	2	2	17	8	6	3	6	5	1
8.	1	2	2	1	3	5	3	2	1	6	1
9.	1	1	2	1	2	1	0	1	1	0	0
10.	0	0	0	0	0	0	0	0	0	0	0
11.	0	0	0	0	0	0	0	0	0	0	0
12.	0	0	0	0	0	0	0	0	0	0	0
13.	17	13	14	24	19	22	47	16	7	24	6

Annex Table 2 Mortality by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
<b>Population (000)</b>	<b>5 884 576</b>		<b>2 963 656</b>		<b>2 920 920</b>		<b>907 828</b>		<b>4 976 748</b>	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
F. Sense organ disorders	20	0.0	11	0.0	9	0.0	0	0.0	20	0.0
1. Glaucoma	6	0.0	4	0.0	3	0.0	0	0.0	6	0.0
2. Cataracts	6	0.0	4	0.0	2	0.0	0	0.0	6	0.0
3. Other sense organ disorders	7	0.0	3	0.0	4	0.0	0	0.0	7	0.0
G. Cardiovascular diseases	16 690	30.9	8 051	28.2	8 639	34.0	3 592	44.7	13 098	28.5
1. Rheumatic heart disease	383	0.7	161	0.6	222	0.9	22	0.3	361	0.8
2. Ischaemic heart disease	7 375	13.7	3 659	12.8	3 717	14.6	1 884	23.5	5 492	12.0
3. Cerebrovascular disease	5 106	9.5	2 340	8.2	2 766	10.9	893	11.1	4 213	9.2
4. Inflammatory cardiac disease	548	1.0	276	1.0	272	1.1	74	0.9	474	1.0
5. Other cardiac diseases	3 277	6.1	1 615	5.7	1 663	6.5	719	9.0	2 558	5.6
H. Respiratory diseases	2 995	5.6	1 651	5.8	1 344	5.3	391	4.9	2 604	5.7
1. Chronic obstructive pulmonary disease	2 249	4.2	1 240	4.3	1 010	4.0	280	3.5	1 969	4.3
2. Asthma	144	0.3	75	0.3	69	0.3	24	0.3	120	0.3
3. Other respiratory diseases	602	1.1	336	1.2	266	1.0	87	1.1	515	1.1
I. Digestive diseases	1 783	3.3	1 083	3.8	700	2.8	322	4.0	1 461	3.2
1. Peptic ulcer disease	174	0.3	104	0.4	70	0.3	33	0.4	141	0.3
2. Cirrhosis of the liver	775	1.4	534	1.9	241	0.9	122	1.5	653	1.4
3. Appendicitis	48	0.1	29	0.1	19	0.1	2	0.0	47	0.1
4. Other digestive diseases	786	1.5	416	1.5	370	1.5	165	2.1	621	1.4
J. Diseases of the genitourinary system	765	1.4	416	1.5	349	1.4	139	1.7	626	1.4
1. Nephritis/nephrosis	554	1.0	293	1.0	261	1.0	90	1.1	464	1.0
2. Benign prostatic hypertrophy	33	0.1	33	0.1	0	0.0	4	0.1	29	0.1
3. Other genitourinary system diseases	178	0.3	90	0.3	88	0.3	45	0.6	133	0.3
K. Skin diseases	44	0.1	21	0.1	22	0.1	13	0.2	30	0.1
L. Musculoskeletal diseases	100	0.2	38	0.1	62	0.2	35	0.4	65	0.1
1. Rheumatoid arthritis	17	0.0	5	0.0	12	0.0	10	0.1	7	0.0
2. Osteoarthritis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
3. Other musculoskeletal diseases	83	0.2	33	0.1	50	0.2	25	0.3	58	0.1
M. Congenital abnormalities	515	1.0	263	0.9	252	1.0	36	0.5	478	1.0
N. Oral diseases	2	0.0	1	0.0	1	0.0	0	0.0	2	0.0
1. Dental caries	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2. Periodontal disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
3. Edentulism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4. Other oral diseases	2	0.0	1	0.0	1	0.0	0	0.0	2	0.0
<b>III. Injuries</b>	<b>5 765</b>	<b>10.7</b>	<b>3 815</b>	<b>13.4</b>	<b>1 950</b>	<b>7.7</b>	<b>498</b>	<b>6.2</b>	<b>5 266</b>	<b>11.5</b>
A. Unintentional	3 493	6.5	2 323	8.1	1 170	4.6	327	4.1	3 166	6.9
1. Road traffic accidents	1 171	2.2	855	3.0	316	1.2	142	1.8	1 029	2.2
2. Poisoning	252	0.5	155	0.5	97	0.4	14	0.2	238	0.5
3. Falls	316	0.6	177	0.6	139	0.5	77	1.0	239	0.5
4. Fires	282	0.5	119	0.4	163	0.6	11	0.1	271	0.6
5. Drowning	495	0.9	332	1.2	163	0.6	13	0.2	482	1.1
6. Other unintentional injuries	977	1.8	685	2.4	293	1.2	70	0.9	907	2.0
B. Intentional	2 272	4.2	1 491	5.2	780	3.1	172	2.1	2 100	4.6
1. Self-inflicted	948	1.8	565	2.0	383	1.5	130	1.6	818	1.8
2. Homicide and violence	736	1.4	582	2.0	153	0.6	38	0.5	698	1.5
3. War	588	1.1	344	1.2	244	1.0	4	0.0	584	1.3

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	601 783	304 886	497 925	473 644	392 402	477 727	982 223	502 833	198 497	1 255 698	196 958
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
F.	0	0	1	0	0	0	0	0	0	18	0
1.	0	0	0	0	0	0	0	0	0	6	0
2.	0	0	0	0	0	0	0	0	0	6	0
3.	0	0	1	0	0	0	0	0	0	6	0
G.	988	1 125	945	1 097	1 802	2 855	2 820	1 102	650	2 951	355
1.	20	7	9	20	11	32	86	8	4	183	3
2.	275	589	420	513	945	1 420	1 471	394	342	881	124
3.	449	281	298	198	449	817	557	325	161	1 467	104
4.	72	23	28	60	37	64	100	59	13	72	20
5.	172	224	190	306	361	522	606	315	129	347	104
H.	220	123	125	133	195	223	284	110	71	1 474	36
1.	110	88	68	64	140	114	153	60	51	1 383	19
2.	14	8	13	8	12	12	21	14	4	34	4
3.	96	27	45	62	43	98	110	37	16	57	12
I.	139	102	142	105	159	152	240	227	59	387	71
1.	12	10	12	5	16	16	41	18	6	32	6
2.	33	39	64	33	59	63	144	99	23	188	30
3.	11	0	2	4	1	2	11	6	0	10	2
4.	83	52	65	62	82	72	44	105	30	158	34
J.	96	44	57	74	70	71	102	77	25	125	25
1.	81	28	42	34	45	30	89	66	16	99	21
2.	1	1	2	1	2	7	11	0	1	7	0
3.	14	14	13	39	23	34	2	10	8	19	3
K.	7	4	4	2	7	2	2	2	2	11	1
L.	1	11	10	2	17	5	3	7	6	36	2
1.	0	3	2	0	5	1	2	1	2	2	0
2.	0	0	0	0	0	0	0	0	0	0	0
3.	1	8	8	2	12	5	1	6	5	34	2
M.	56	14	38	57	16	31	153	45	6	79	19
N.	0	0	0	0	0	0	0	0	0	0	0
1.	0	0	0	0	0	0	0	0	0	0	0
2.	0	0	0	0	0	0	0	0	0	0	0
3.	0	0	0	0	0	0	0	0	0	0	0
4.	0	0	0	0	0	0	0	0	0	0	0
III.	1 163	168	454	463	236	519	923	458	88	1 133	159
A.	566	111	273	198	156	296	723	333	58	661	117
1.	170	49	126	72	66	107	217	119	25	179	41
2.	37	5	5	12	6	48	32	28	2	68	9
3.	20	25	21	10	38	33	50	26	14	70	9
4.	68	4	7	16	5	11	135	7	2	25	3
5.	93	5	29	27	6	29	92	56	2	135	22
6.	179	23	85	61	33	68	199	97	12	185	34
B.	597	58	181	265	81	223	200	125	30	471	41
1.	23	44	28	45	61	102	124	63	24	413	21
2.	266	13	134	55	17	48	72	50	6	58	16
3.	308	0	19	165	2	73	4	12	0	1	4

Annex Table 3 Burden of disease by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
Population (000)	5 884 576		2 963 656		2 920 920		907 828		4 976 748	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
<b>TOTAL DALYs</b>	<b>1 382 564</b>	<b>100</b>	<b>730 815</b>	<b>100</b>	<b>651 749</b>	<b>100</b>	<b>108 305</b>	<b>100</b>	<b>1 274 259</b>	<b>100</b>
<b>I. Communicable diseases, maternal and perinatal conditions and nutritional deficiencies</b>	<b>565 528</b>	<b>40.9</b>	<b>271 506</b>	<b>37.2</b>	<b>294 022</b>	<b>45.1</b>	<b>7 834</b>	<b>7.2</b>	<b>557 694</b>	<b>43.8</b>
A. Infectious and parasitic diseases	323 993	23.4	165 383	22.6	158 610	24.3	2 994	2.8	321 000	25.2
1. Tuberculosis	28 189	2.0	16 137	2.2	12 052	1.8	142	0.1	28 047	2.2
2. STDs excluding HIV	17 082	1.2	5 855	0.8	11 227	1.7	416	0.4	16 666	1.3
a. Syphilis	4 967	0.4	2 520	0.3	2 448	0.4	10	0.0	4 957	0.4
b. Chlamydia	7 150	0.5	1 006	0.1	6 144	0.9	354	0.3	6 796	0.5
c. Gonorrhoea	4 955	0.4	2 326	0.3	2 629	0.4	46	0.0	4 909	0.4
d. Other STDs	10	0.0	4	0.0	6	0.0	5	0.0	5	0.0
3. HIV/AIDS	70 930	5.1	34 985	4.8	35 944	5.5	1 022	0.9	69 907	5.5
4. Diarrhoeal diseases	73 100	5.3	38 012	5.2	35 089	5.3	359	0.3	72 742	5.7
5. Childhood diseases	56 855	4.1	29 148	4.0	27 707	4.2	396	0.4	56 459	4.4
a. Pertussis	13 226	1.0	6 828	0.9	6 398	1.0	179	0.2	13 047	1.0
b. Polio	213	0.0	117	0.0	96	0.0	0	0.0	213	0.0
c. Diphtheria	181	0.0	100	0.0	82	0.0	0	0.0	181	0.0
d. Measles	30 255	2.2	15 526	2.1	14 729	2.3	188	0.2	30 067	2.4
e. Tetanus	12 979	0.9	6 577	0.9	6 402	1.0	29	0.0	12 950	1.0
6. Meningitis	4 725	0.3	2 445	0.3	2 280	0.3	154	0.1	4 571	0.4
7. Hepatitis	1 700	0.1	1 019	0.1	681	0.1	55	0.1	1 645	0.1
8. Malaria	39 267	2.8	20 188	2.8	19 080	2.9	0	0.0	39 267	3.1
9. Tropical diseases	10 984	0.8	7 130	1.0	3 854	0.6	6	0.0	10 977	0.9
a. Trypanosomiasis	1 219	0.1	582	0.1	637	0.1	0	0.0	1 219	0.1
b. Chagas disease	589	0.0	285	0.0	303	0.0	0	0.0	588	0.0
c. Schistosomiasis	1 699	0.1	1 004	0.1	695	0.1	3	0.0	1 696	0.1
d. Leishmaniasis	1 710	0.1	1 057	0.1	653	0.1	3	0.0	1 707	0.1
e. Lymphatic filariasis	4 698	0.3	3 588	0.5	1 110	0.2	0	0.0	4 698	0.4
f. Onchocerciasis	1 069	0.1	614	0.1	456	0.1	0	0.0	1 069	0.1
10. Leprosy	395	0.0	199	0.0	196	0.0	1	0.0	393	0.0
11. Dengue	558	0.0	257	0.0	302	0.0	0	0.0	558	0.0
12. Japanese encephalitis	503	0.0	264	0.0	238	0.0	0	0.0	502	0.0
13. Trachoma	1 263	0.1	342	0.0	921	0.1	8	0.0	1 255	0.1
14. Intestinal nematode infections	4 279	0.3	2 185	0.3	2 094	0.3	4	0.0	4 275	0.3
a. Ascariasis	1 292	0.1	662	0.1	630	0.1	1	0.0	1 290	0.1
b. Trichuriasis	1 287	0.1	660	0.1	628	0.1	0	0.0	1 287	0.1
c. Hookworm disease	1 698	0.1	863	0.1	835	0.1	2	0.0	1 695	0.1
d. Other intestinal infections	2	0.0	0	0.0	2	0.0	0	0.0	2	0.0
15. Other infectious diseases	14 163	1.0	7 218	1.0	6 946	1.1	430	0.4	13 734	1.1
B. Respiratory infections	85 085	6.2	43 801	6.0	41 284	6.3	1 488	1.4	83 597	6.6
1. Acute lower respiratory infections	82 344	6.0	42 406	5.8	39 939	6.1	1 355	1.3	80 990	6.4
2. Acute upper respiratory infections	975	0.1	503	0.1	472	0.1	50	0.0	924	0.1
3. Otitis media	1 766	0.1	893	0.1	873	0.1	84	0.1	1 683	0.1
C. Maternal conditions	32 250	2.3	0	0.0	32 250	4.9	398	0.4	31 852	2.5
1. Haemorrhage	3 833	0.3	0	0.0	3 833	0.6	25	0.0	3 807	0.3
2. Sepsis	5 965	0.4	0	0.0	5 965	0.9	49	0.0	5 916	0.5
3. Hypertensive disorders of pregnancy	1 882	0.1	0	0.0	1 882	0.3	18	0.0	1 865	0.1

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	601 783	304 886	497 925	473 644	392 402	477 727	982 223	502 833	198 497	1 255 698	196 958
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
	325 198	35 953	93 907	122 982	51 201	91 496	268 953	121 712	19 998	208 704	42 462
<b>I.</b>	<b>220 309</b>	<b>2 050</b>	<b>25 971</b>	<b>57 276</b>	<b>3 317</b>	<b>15 506</b>	<b>135 263</b>	<b>48 437</b>	<b>2 109</b>	<b>37 779</b>	<b>17 512</b>
A.	159 032	742	13 043	28 450	1 202	5 785	67 619	25 870	900	12 061	9 290
1.	5 442	8	1 213	3 189	53	853	7 577	4 438	80	3 878	1 459
2.	5 249	151	1 231	895	191	545	4 909	2 746	68	111	986
a.	1 980	2	263	375	5	64	1 449	586	1	5	237
b.	1 548	131	663	320	162	372	1 982	1 373	59	73	467
c.	1 721	17	305	199	21	103	1 479	787	7	32	283
d.	0	2	0	0	2	5	0	0	1	0	0
3.	54 101	265	2 348	3 423	402	160	5 611	3 034	353	246	986
4.	24 231	83	3 774	9 510	171	2 056	22 005	6 149	36	2 491	2 594
5.	25 375	11	1 144	6 927	79	1 179	14 463	4 784	256	1 131	1 505
a.	4 793	10	657	1 890	35	581	2 692	1 397	113	606	453
b.	102	0	0	29	0	10	63	0	0	0	10
c.	25	0	3	8	0	24	75	37	0	0	8
d.	17 132	0	17	3 288	30	204	6 474	2 229	143	159	580
e.	3 322	1	467	1 712	15	361	5 160	1 121	0	366	453
6.	791	59	384	452	67	260	1 191	436	23	894	168
7.	253	18	91	167	26	76	300	211	9	475	74
8.	34 506	0	130	1 854	0	0	577	1 608	0	3	588
9.	5 558	1	711	555	3	53	3 204	479	0	255	163
a.	1 141	0	0	77	0	0	0	0	0	0	0
b.	0	0	588	0	0	0	0	0	0	0	0
c.	1 369	0	73	191	1	32	0	8	0	22	3
d.	361	0	37	93	1	18	1 141	42	0	1	15
e.	1 691	0	9	126	0	4	2 063	429	0	232	146
f.	997	0	3	69	0	0	0	0	0	0	0
10.	41	0	51	12	1	3	208	55	0	5	20
11.	16	0	1	1	0	0	353	118	0	21	48
12.	0	0	0	0	0	0	66	83	0	319	34
13.	414	0	0	239	5	90	32	43	0	425	14
14.	495	0	514	168	2	42	797	850	0	1 086	323
a.	78	0	162	58	1	14	163	233	0	489	94
b.	74	0	206	6	0	0	102	308	0	467	124
c.	344	0	147	104	1	27	532	308	0	130	104
d.	0	0	0	0	0	2	0	0	0	0	0
15.	2 559	145	1 451	1 057	202	466	6 325	835	74	720	330
<b>B.</b>	<b>23 369</b>	<b>440</b>	<b>3 525</b>	<b>10 251</b>	<b>726</b>	<b>3 084</b>	<b>25 556</b>	<b>7 161</b>	<b>245</b>	<b>7 790</b>	<b>2 941</b>
1.	22 818	388	3 355	9 953	667	2 960	24 806	6 923	224	7 407	2 844
2.	244	18	45	109	23	43	274	84	8	94	33
3.	307	34	125	189	36	81	475	154	12	289	63
<b>C.</b>	<b>10 251</b>	<b>121</b>	<b>1 694</b>	<b>3 664</b>	<b>188</b>	<b>1 575</b>	<b>7 891</b>	<b>3 201</b>	<b>54</b>	<b>2 536</b>	<b>1 075</b>
1.	1 466	7	160	398	12	116	902	308	3	357	103
2.	1 952	13	292	761	24	327	1 338	563	6	502	189
3.	729	5	99	242	9	76	441	150	2	80	50

Annex Table 3 Burden of disease by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
<i>Population (000)</i>	<i>5 884 576</i>		<i>2 963 656</i>		<i>2 920 920</i>		<i>907 828</i>		<i>4 976 748</i>	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
4. Obstructed labour	7 040	0.5	0	0.0	7 040	1.1	250	0.2	6 790	0.5
5. Abortion	5 498	0.4	0	0.0	5 498	0.8	18	0.0	5 479	0.4
6. Other maternal conditions	8 032	0.6	0	0.0	8 032	1.2	37	0.0	7 995	0.6
D. Perinatal conditions	80 564	5.8	41 826	5.7	38 737	5.9	2 020	1.9	78 544	6.2
E. Nutritional deficiencies	43 636	3.2	20 496	2.8	23 140	3.6	935	0.9	42 701	3.4
1. Protein-energy malnutrition	14 931	1.1	7 441	1.0	7 490	1.1	122	0.1	14 810	1.2
2. Iodine deficiency	1 078	0.1	544	0.1	534	0.1	23	0.0	1 055	0.1
3. Vitamin A deficiency	2 801	0.2	1 414	0.2	1 387	0.2	8	0.0	2 793	0.2
4. Anaemias	24 746	1.8	11 066	1.5	13 680	2.1	773	0.7	23 973	1.9
5. Other nutritional disorders	80	0.0	32	0.0	49	0.0	9	0.0	71	0.0
<b>II. Noncommunicable conditions</b>	<b>595 363</b>	<b>43.1</b>	<b>312 942</b>	<b>42.8</b>	<b>282 421</b>	<b>43.3</b>	<b>87 732</b>	<b>81.0</b>	<b>507 631</b>	<b>39.8</b>
A. Malignant neoplasms	80 837	5.8	45 640	6.2	35 197	5.4	16 257	15.0	64 580	5.1
1. Mouth and oropharynx	4 473	0.3	2 972	0.4	1 501	0.2	446	0.4	4 027	0.3
2. Esophagus	4 180	0.3	2 837	0.4	1 343	0.2	398	0.4	3 782	0.3
3. Stomach	8 156	0.6	5 245	0.7	2 911	0.4	1 049	1.0	7 107	0.6
4. Colon/rectum	5 191	0.4	2 790	0.4	2 401	0.4	1 818	1.7	3 373	0.3
5. Liver	7 878	0.6	5 951	0.8	1 926	0.3	391	0.4	7 486	0.6
6. Pancreas	1 761	0.1	1 062	0.1	699	0.1	669	0.6	1 092	0.1
7. Trachea/bronchus/lung	11 176	0.8	8 302	1.1	2 874	0.4	3 122	2.9	8 054	0.6
8. Melanoma and other skin cancers	611	0.0	332	0.0	279	0.0	264	0.2	347	0.0
9. Breast	5 202	0.4	0	0.0	5 202	0.8	1 643	1.5	3 560	0.3
10. Cervix	3 183	0.2	0	0.0	3 183	0.5	199	0.2	2 985	0.2
11. Corpus uteri	705	0.1	0	0.0	705	0.1	199	0.2	506	0.0
12. Ovary	1 545	0.1	0	0.0	1 545	0.2	403	0.4	1 142	0.1
13. Prostate	1 551	0.1	1 551	0.2	0	0.0	673	0.6	878	0.1
14. Bladder	1 392	0.1	1 083	0.1	310	0.0	429	0.4	963	0.1
15. Lymphoma	3 419	0.2	2 153	0.3	1 266	0.2	759	0.7	2 659	0.2
16. Leukaemia	4 828	0.3	2 638	0.4	2 190	0.3	630	0.6	4 198	0.3
17. Other cancers	15 586	1.1	8 725	1.2	6 861	1.1	3 164	2.9	12 421	1.0
B. Other neoplasms	4 032	0.3	1 957	0.3	2 074	0.3	880	0.8	3 152	0.2
C. Diabetes mellitus	11 668	0.8	5 489	0.8	6 180	0.9	3 131	2.9	8 537	0.7
D. Nutritional/endocrine disorders	5 804	0.4	2 664	0.4	3 140	0.5	1 217	1.1	4 588	0.4
E. Neuropsychiatric disorders	159 462	11.5	78 850	10.8	80 612	12.4	25 414	23.5	134 048	10.5
1. Unipolar major depression	58 246	4.2	20 674	2.8	37 572	5.8	7 029	6.5	51 217	4.0
2. Bipolar affective disorder	16 189	1.2	8 237	1.1	7 952	1.2	1 768	1.6	14 421	1.1
3. Psychoses	14 265	1.0	7 520	1.0	6 745	1.0	2 280	2.1	11 984	0.9
4. Epilepsy	5 147	0.4	2 812	0.4	2 335	0.4	488	0.5	4 659	0.4
5. Alcohol dependence	18 292	1.3	16 162	2.2	2 130	0.3	4 739	4.4	13 553	1.1
6. Alzheimer and other dementias	8 510	0.6	3 671	0.5	4 839	0.7	2 983	2.8	5 527	0.4
7. Parkinson disease	1 109	0.1	543	0.1	566	0.1	489	0.5	621	0.0
8. Multiple sclerosis	1 530	0.1	676	0.1	853	0.1	221	0.2	1 308	0.1
9. Drug dependence	6 326	0.5	5 104	0.7	1 222	0.2	1 544	1.4	4 782	0.4
10. Post traumatic stress disorder	2 174	0.2	829	0.1	1 346	0.2	278	0.3	1 896	0.1
11. Obsessive-compulsive disorders	11 566	0.8	5 015	0.7	6 551	1.0	1 504	1.4	10 062	0.8
12. Panic disorder	5 429	0.4	1 824	0.2	3 605	0.6	719	0.7	4 710	0.4
13. Other neuropsychiatric disorders	10 678	0.8	5 783	0.8	4 895	0.8	1 370	1.3	9 308	0.7

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	<b>601 783</b>	<b>304 886</b>	<b>497 925</b>	<b>473 644</b>	<b>392 402</b>	<b>477 727</b>	<b>982 223</b>	<b>502 833</b>	<b>198 497</b>	<b>1 255 698</b>	<b>196 958</b>
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
4.	1 818	86	412	942	116	441	1 601	721	39	621	242
5.	1 788	4	443	412	9	246	1 704	614	2	69	206
6.	2 497	7	289	909	19	368	1 905	845	3	907	284
D.	20 033	434	5 063	10 061	768	3 380	23 316	7 445	762	6 882	2 420
E.	7 624	313	2 648	4 851	432	1 683	10 881	4 760	147	8 511	1 786
1.	4 106	35	1 184	2 200	56	532	3 734	1 298	14	1 218	555
2.	104	9	65	145	10	48	280	77	3	303	33
3.	915	0	128	464	4	99	565	286	0	220	119
4.	2 500	266	1 257	2 042	358	947	6 302	3 098	128	6 770	1 078
5.	0	3	14	0	4	57	0	0	2	0	0
II.	<b>56 353</b>	<b>29 368</b>	<b>50 373</b>	<b>46 549</b>	<b>42 032</b>	<b>60 019</b>	<b>88 657</b>	<b>54 058</b>	<b>15 738</b>	<b>134 185</b>	<b>18 030</b>
A.	7 080	5 269	5 202	3 606	7 825	8 167	8 754	7 600	3 114	21 766	2 454
1.	328	146	194	222	212	325	1 313	696	86	732	220
2.	320	127	117	129	191	152	681	223	78	2 095	67
3.	395	337	388	230	506	1 067	615	489	202	3 778	149
4.	193	580	283	147	883	695	307	401	352	1 224	126
5.	1 023	126	67	170	188	236	176	772	76	4 806	237
6.	98	214	87	56	325	281	102	93	130	347	28
7.	310	996	468	425	1 510	1 766	921	861	607	3 053	258
8.	100	89	52	24	125	102	18	27	50	16	8
9.	336	545	577	232	783	577	711	438	312	552	140
10.	459	67	445	139	94	223	836	413	36	340	131
11.	41	64	93	25	96	133	42	43	38	115	14
12.	127	132	105	69	193	197	206	170	77	212	57
13.	282	208	167	55	332	126	87	92	132	42	27
14.	175	133	91	117	211	186	77	95	83	195	29
15.	648	251	313	215	363	286	360	333	143	392	115
16.	231	217	330	299	296	356	429	594	114	1 740	223
17.	2 015	1 036	1 425	1 053	1 516	1 458	1 874	1 860	599	2 125	625
B.	491	304	475	261	411	434	238	325	161	815	116
C.	486	1 018	1 862	887	1 607	951	1 981	904	494	1 194	285
D.	1 055	433	1 323	779	561	415	96	295	214	522	110
E.	14 144	9 054	17 578	12 053	11 787	14 350	22 944	16 207	4 425	31 517	5 401
1.	5 518	2 511	4 896	4 418	3 243	4 579	9 679	5 912	1 221	14 324	1 946
2.	1 590	639	1 362	1 272	813	1 238	2 746	1 667	299	4 009	552
3.	615	837	1 465	1 299	1 047	1 290	1 964	1 977	380	2 733	658
4.	538	178	642	417	222	456	936	587	83	882	207
5.	2 040	1 736	4 348	373	2 177	1 835	1 074	1 676	822	1 659	551
6.	317	940	715	236	1 469	1 060	922	612	571	1 471	196
7.	49	154	38	49	239	144	138	78	95	102	23
8.	132	79	134	112	102	145	234	143	38	364	47
9.	490	571	1 272	863	704	805	89	804	256	203	269
10.	229	104	190	181	126	168	369	216	47	469	76
11.	1 130	550	976	914	689	927	1 947	1 168	254	2 613	397
12.	528	261	450	410	329	439	882	557	124	1 263	187
13.	968	493	1 091	1 509	627	1 264	1 964	811	233	1 425	292

Annex Table 3 Burden of disease by sex, cause and WHO Region, estimates for 1998

DISEASE	WHO MEMBER STATES									
	Both sexes		Males		Females		High income		Low and middle income	
<i>Population (000)</i>	<i>5 884 576</i>		<i>2 963 656</i>		<i>2 920 920</i>		<i>907 828</i>		<i>4 976 748</i>	
	(000)	% total	(000)	% total	(000)	% total	(000)	% total	(000)	% total
F. Sense organ disorders	12 542	0.9	5 611	0.8	6 931	1.1	158	0.1	12 385	1.0
1. Glaucoma	3 070	0.2	1 188	0.2	1 881	0.3	85	0.1	2 985	0.2
2. Cataracts	9 182	0.7	4 306	0.6	4 876	0.7	68	0.1	9 114	0.7
3. Other sense organ disorders	290	0.0	117	0.0	174	0.0	5	0.0	286	0.0
G. Cardiovascular diseases	143 015	10.3	78 056	10.7	64 959	1.0	19 518	18.0	123 497	9.7
1. Rheumatic heart disease	6 576	0.5	2 929	0.4	3 647	0.6	180	0.2	6 396	0.5
2. Ischaemic heart disease	51 948	3.8	30 044	4.1	21 903	3.4	9 501	8.8	42 447	3.3
3. Cerebrovascular disease	41 626	3.0	21 566	3.0	20 060	3.1	5 219	4.8	36 407	2.9
4. Inflammatory cardiac disease	10 509	0.8	5 675	0.8	4 834	0.7	722	0.7	9 787	0.8
5. Other cardiac diseases	32 356	2.3	17 842	2.4	14 514	2.2	3 896	3.6	28 460	2.2
H. Respiratory diseases	61 603	4.5	33 583	4.6	28 019	4.3	8 050	7.4	53 553	4.2
1. Chronic obstructive pulmonary disease	28 654	2.1	16 393	2.2	12 260	1.9	2 449	2.3	26 205	2.1
2. Asthma	10 968	0.8	6 088	0.8	4 879	0.7	1 208	1.1	9 760	0.8
3. Other respiratory diseases	18 392	1.3	9 651	1.3	8 741	1.3	1 303	1.2	17 089	1.3
I. Digestive diseases	41 111	3.0	24 775	3.4	16 336	2.5	4 365	4.0	36 746	2.9
1. Peptic ulcer disease	2 637	0.2	1 742	0.2	895	0.1	241	0.2	2 395	0.2
2. Cirrhosis of the liver	12 813	0.9	9 184	1.3	3 629	0.6	1 638	1.5	11 175	0.9
3. Appendicitis	1 446	0.1	870	0.1	576	0.1	35	0.0	1 411	0.1
4. Other digestive diseases	24 216	1.8	12 979	1.8	11 237	1.7	2 451	2.3	21 765	1.7
J. Diseases of the genitourinary system	15 576	1.1	9 084	1.2	6 493	1.0	1 220	1.1	14 356	1.1
1. Nephritis/nephrosis	8 429	0.6	4 464	0.6	3 965	0.6	470	0.4	7 959	0.6
2. Benign prostatic hypertrophy	2 150	0.2	2 150	0.3	0	0.0	239	0.2	1 911	0.1
3. Other genitourinary system diseases	4 997	0.4	2 470	0.3	2 528	0.4	511	0.5	4 486	0.4
K. Skin diseases	1 619	0.1	827	0.1	792	0.1	136	0.1	1 482	0.1
L. Musculoskeletal diseases	21 464	1.6	7 939	1.1	13 525	2.1	4 512	4.2	16 952	1.3
1. Rheumatoid arthritis	3 682	0.3	1 021	0.1	2 662	0.4	991	0.9	2 692	0.2
2. Osteoarthritis	15 513	1.1	6 210	0.8	9 303	1.4	3 046	2.8	12 468	1.0
3. Other musculoskeletal diseases	2 269	0.2	708	0.1	1 560	0.2	476	0.4	1 793	0.1
M. Congenital abnormalities	28 147	2.0	14 302	2.0	13 844	2.1	1 915	1.8	26 232	2.1
N. Oral diseases	8 483	0.6	4 165	0.6	4 318	0.7	959	0.9	7 524	0.6
1. Dental caries	4 720	0.3	2 383	0.3	2 337	0.4	432	0.4	4 288	0.3
2. Periodontal disease	295	0.0	148	0.0	147	0.0	36	0.0	258	0.0
3. Edentulism	3 351	0.2	1 603	0.2	1 748	0.3	485	0.4	2 866	0.2
4. Other oral diseases	118	0.0	32	0.0	86	0.0	7	0.0	111	0.0
<b>III. Injuries</b>	<b>221 673</b>	<b>16</b>	<b>146 366</b>	<b>20.0</b>	<b>75 307</b>	<b>11.6</b>	<b>12 739</b>	<b>11.8</b>	<b>208 934</b>	<b>16.4</b>
A. Unintentional	156 184	11.3	103 928	14.2	52 257	8.0	8 972	8.3	147 213	11.6
1. Road traffic accidents	38 849	2.8	28 413	3.9	10 436	1.6	4 556	4.2	34 293	2.7
2. Poisoning	6 364	0.5	3 796	0.5	2 568	0.4	280	0.3	6 085	0.5
3. Falls	27 021	2.0	17 074	2.3	9 947	1.5	1 397	1.3	25 624	2.0
4. Fires	11 967	0.9	4 832	0.7	7 135	1.1	261	0.2	11 706	0.9
5. Drowning	14 896	1.1	10 039	1.4	4 857	0.7	280	0.3	14 616	1.1
6. Other unintentional injuries	57 088	4.1	39 774	5.4	17 314	2.7	2 198	2.0	54 890	4.3
B. Intentional	65 489	4.7	42 438	5.8	23 050	3.5	3 768	3.5	61 721	4.8
1. Self-inflicted	21 511	1.6	12 219	1.7	9 292	1.4	2 416	2.2	19 095	1.5
2. Homicide and violence	21 573	1.6	17 151	2.3	4 421	0.7	1 210	1.1	20 363	1.6
3. War	22 405	1.6	13 068	1.8	9 337	1.4	142	0.1	22 264	1.7

	AFR	AMR		EMR	EUR		SEAR		WPR		
		High income	Low and middle income		High income	Low and middle income	India	Other low and middle income	High income	China	Other low and middle income
	601 783	304 886	497 925	473 644	392 402	477 727	982 223	502 833	198 497	1 255 698	196 958
	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)
F.	2 240	40	707	942	80	409	3 701	1 548	24	2 379	472
1.	441	26	102	119	41	68	698	481	16	930	145
2.	1 792	12	555	815	37	338	3 001	1 056	7	1 247	322
3.	7	2	50	8	2	3	2	10	1	202	4
G.	12 744	6 109	8 763	13 617	9 553	19 807	26 932	12 728	3 670	24 824	4 269
1.	652	54	189	616	87	563	1 793	106	31	2 450	35
2.	2 867	2 955	3 394	4 500	4 664	9 221	11 697	3 172	1 809	6 690	979
3.	4 894	1 651	2 830	2 244	2 554	5 411	4 814	3 272	986	11 906	1 062
4.	1 536	235	538	1 473	342	896	2 071	1 459	127	1 304	527
5.	2 794	1 214	1 812	4 783	1 906	3 716	6 556	4 719	717	2 473	1 666
H.	4 534	2 634	2 579	2 745	4 111	4 581	5 833	2 272	1 272	30 306	735
1.	1 892	767	1 070	1 110	1 198	1 467	2 536	860	470	17 009	275
2.	1 508	441	1 027	832	551	701	1 525	956	207	2 878	342
3.	4 141	423	1 723	2 869	620	2 158	3 352	1 132	230	1 324	420
I.	4 723	1 435	3 547	3 900	2 072	3 544	5 618	5 417	809	8 276	1 770
1.	294	79	158	123	115	220	853	242	45	429	77
2.	636	545	1 196	598	772	885	2 628	1 704	311	3 006	530
3.	362	12	48	119	16	44	313	176	6	287	63
4.	3 431	799	2 144	3 059	1 168	2 396	1 823	3 296	447	4 553	1 100
J.	2 588	374	1 237	2 457	590	1 716	2 036	1 351	219	2 564	445
1.	1 796	149	608	714	228	445	1 578	903	86	1 616	307
2.	204	74	211	177	114	174	366	185	46	547	52
3.	588	151	418	1 566	249	1 096	92	263	87	401	86
K.	581	44	138	105	66	118	114	71	25	330	26
L.	1 230	1 531	3 579	843	2 116	3 090	1 710	1 829	854	4 113	570
1.	106	338	660	155	467	558	197	173	183	791	55
2.	1 096	1 030	2 538	597	1 424	2 255	1 482	1 447	583	2 617	444
3.	28	163	380	92	224	278	31	209	87	705	72
M.	3 933	791	2 280	3 134	810	1 555	7 454	2 390	289	4 500	1 012
N.	521	332	1 103	1 222	445	882	1 247	1 122	165	1 079	364
1.	357	159	977	612	195	412	783	446	70	558	151
2.	32	13	22	20	17	23	86	30	6	36	10
3.	117	157	95	580	231	443	356	635	87	450	199
4.	16	2	8	11	3	4	22	12	1	35	4
III.	48 536	4 535	17 562	19 156	5 852	15 971	45 032	19 217	2 151	36 740	6 921
A.	28 272	3 233	12 146	9 943	4 112	9 775	39 716	15 635	1 525	26 113	5 713
1.	6 117	1 670	4 411	2 564	2 082	3 213	7 204	3 998	773	5 385	1 433
2.	1 185	100	145	351	129	934	988	735	47	1 491	260
3.	2 205	490	1 700	1 423	648	1 377	10 898	2 808	245	4 175	1 052
4.	3 500	96	304	761	117	321	5 723	334	42	640	129
5.	3 091	101	851	869	126	739	2 703	1 763	45	3 919	689
6.	12 175	776	4 735	3 975	1 010	3 192	12 201	5 997	373	10 503	2 151
B.	20 264	1 302	5 416	9 213	1 739	6 195	5 316	3 582	626	10 627	1 208
1.	646	858	708	1 266	1 117	2 071	3 337	1 686	424	8 837	560
2.	7 878	443	3 986	1 649	552	1 319	1 847	1 445	202	1 764	488
3.	11 740	1	722	6 298	71	2 805	132	451	0	26	160

Annex Table 4 Leading causes of mortality and burden of disease, estimates for 1998

	Mortality in all Member States				DALYs in all Member States		
	Rank	% of total	(000)		Rank	% of total	(000)
<b>Both sexes</b>				<b>Both sexes</b>			
Ischaemic heart disease	1	13.7	7 375	Acute lower respiratory infections	1	6.0	82 344
Cerebrovascular disease	2	9.5	5 106	Perinatal conditions	2	5.8	80 564
Acute lower respiratory infections	3	6.4	3 452	Diarrhoeal diseases	3	5.3	73 100
HIV/AIDS	4	4.2	2 285	HIV/AIDS	4	5.1	70 930
Chronic obstructive pulmonary disease	5	4.2	2 249	Unipolar major depression	5	4.2	58 246
Diarrhoeal diseases	6	4.1	2 219	Ischaemic heart disease	6	3.8	51 948
Perinatal conditions	7	4.0	2 155	Cerebrovascular disease	7	3.0	41 626
Tuberculosis	8	2.8	1 498	Malaria	8	2.8	39 267
Cancer of trachea/bronchus/lung	9	2.3	1 244	Road traffic accidents	9	2.8	38 849
Road traffic accidents	10	2.2	1 171	Measles	10	2.2	30 255
<b>Males</b>				<b>Males</b>			
Ischaemic heart disease	1	12.8	3 659	Acute lower respiratory infections	1	5.8	42 406
Cerebrovascular disease	2	8.2	2 340	Perinatal conditions	2	5.7	41 826
Acute lower respiratory infections	3	6.1	1 753	Diarrhoeal diseases	3	5.2	38 012
Chronic obstructive pulmonary disease	4	4.3	1 240	HIV/AIDS	4	4.8	34 985
HIV/AIDS	5	4.1	1 164	Ischaemic heart disease	5	4.1	30 044
Diarrhoeal diseases	6	4.0	1 149	Road traffic accidents	6	3.9	28 413
Perinatal conditions	7	3.9	1 121	Cerebrovascular disease	7	3.0	21 566
Cancer of trachea/bronchus/lung	8	3.2	911	Unipolar major depression	8	2.8	20 674
Tuberculosis	9	3.1	893	Malaria	9	2.8	20 188
Road traffic accidents	10	3.0	855	Homicide and violence	10	2.3	17 151
<b>Females</b>				<b>Females</b>			
Ischaemic heart disease	1	14.6	3 717	Acute lower respiratory infections	1	6.1	39 939
Cerebrovascular disease	2	10.9	2 766	Perinatal conditions	2	5.9	38 737
Acute lower respiratory infections	3	6.7	1 699	Unipolar major depression	3	5.8	37 572
HIV/AIDS	4	4.4	1 121	HIV/AIDS	4	5.5	35 944
Diarrhoeal diseases	5	4.2	1 070	Diarrhoeal diseases	5	5.4	35 089
Perinatal conditions	6	4.1	1 034	Ischaemic heart disease	6	3.4	21 903
Chronic obstructive pulmonary disease	7	4.0	1 010	Cerebrovascular disease	7	3.1	20 060
Tuberculosis	8	2.4	605	Malaria	8	2.9	19 080
Malaria	9	2.1	538	Measles	9	2.3	14 729
Measles	10	1.7	432	Congenital abnormalities	10	2.1	13 844

Leading causes of mortality and DALYs in all Member States and their ranks in WHO Regions

	All Member States		Africa		The Americas		Eastern Mediterranean		Europe		South-East Asia		Western Pacific	
	rank	% of total	rank	% of total	rank	% of total	rank	% of total	rank	% of total	rank	% of total	rank	% of total
<b>Deaths</b>														
Ischaemic heart disease	1	13.7	9	2.9	1	17.9	1	13.6	1	25.5	1	13.8	3	11.1
Cerebrovascular disease	2	9.5	7	4.7	2	10.3	5	5.3	2	13.7	4	6.5	1	14.3
Acute lower respiratory infections	3	6.4	3	8.2	3	4.2	2	9.1	4	3.6	2	9.3	4	4.0
HIV/AIDS	4	4.2	1	19.0	13	1.8	27	0.4	42	0.2	8	2.2	42	0.2
Chronic obstructive pulmonary disease	5	4.2	14	1.1	6	2.8	10	1.7	5	2.7	11	1.6	2	12.0
Diarrhoeal diseases	6	4.1	4	7.6	10	2.0	3	7.4	22	0.7	3	6.6	17	1.2
Perinatal conditions	7	4.0	5	5.5	7	2.6	4	7.3	13	1.2	5	6.0	10	2.2
Tuberculosis	8	2.8	11	2.2	19	1.0	7	3.7	23	0.6	6	5.1	9	2.9
Cancer of trachea/bronchus/lung	9	2.3	38	0.3	4	3.2	20	1.0	3	4.2	15	1.2	6	3.6
Road traffic accidents	10	2.2	12	1.8	5	3.1	9	1.9	8	1.9	7	2.5	12	2.0
<b>DALYs</b>														
Acute lower respiratory infections	1	6.0	4	7.0	9	2.9	2	8.1	8	2.5	1	8.1	4	3.9
Perinatal conditions	2	5.8	5	6.2	5	4.2	1	8.2	5	2.9	2	7.9	5	3.7
Diarrhoeal diseases	3	5.3	3	7.5	8	3.0	3	7.7	17	1.6	3	7.2	13	1.9
HIV/AIDS	4	5.1	1	16.6	13	2.0	7	2.8	46	0.4	12	2.2	36	0.6
Unipolar major depression	5	4.2	11	1.7	1	5.7	6	3.6	3	5.5	4	4.0	2	6.5
Ischaemic heart disease	6	3.8	20	0.9	2	4.9	5	3.7	1	9.7	5	3.8	7	3.5
Cerebrovascular disease	7	3.0	13	1.5	6	3.5	12	1.8	2	5.6	13	2.1	3	5.1
Malaria	8	2.8	2	10.6	80	0.1	16	1.5	97	0.0	39	0.6	60	0.2
Road traffic accidents	9	2.8	9	1.9	4	4.7	11	2.1	4	3.7	8	2.9	9	2.8
Measles	10	2.2	6	5.3	92	0.0	8	2.7	67	0.2	11	2.2	48	0.3

Annex Table 5 Demographic characteristics of WHO Regions, estimates for 1978 and 1998

Demographic characteristics	Year	Total population (000 000)	Dependency ratio (per100)	Number of live births (000)	Total fertility rate	Number of deaths (000)	Death rate (per 1 000)	Probability of dying before age 5 (per 1 000)	Life expectancy at birth (years)	GDP per capita adjusted for purchasing power in 1985 US\$ <sup>a</sup> (US\$)
<b>WHO Member States</b>										
Total	1978	4 281	72	120 129	3.9	46 793	11.0	124	61	...
	1998	5 885	59	129 434	2.7	53 929	9.2	83	66	...
High income	1978	793	54	11 519	1.9	7 099	9.0	19	73	11 855
	1998	901	49	10 668	1.7	8 033	8.8	8	78	15 142
China	1978	972	73	20 246	3.3	6 641	6.7	...	65	823
	1998	1 256	47	20 135	1.8	9 296	7.4	48	70	1 493
India	1978	661	76	22 695	4.8	9 066	13.9	...	53	882
	1998	982	64	24 672	3.1	9 337	9.5	89	63	1 282
Other low and middle income	1978	1 855	79	65 669	4.8	23 988	13.0	149	58	...
	1998	2 745	67	73 959	3.4	27 263	9.9	100	61	...
<b>Africa</b>										
	1978	348	94	16 440	6.7	6 386	18.4	208	47	1 524
	1998	602	90	24 073	5.4	9 621	16.0	161	49	1 261
<b>The Americas</b>										
High income	1978	250	52	3 777	1.8	2 115	8.5	18	73	15 266
	1998	305	52	4 140	1.9	2 538	8.3	8	77	17 788
Low and middle income	1978	341	81	11 286	4.5	2 959	8.8	93	63	4 024
	1998	497	61	11 437	2.7	3 113	6.3	46	69	4 248
<b>Eastern Mediterranean</b>										
	1978	272	90	12 142	6.5	3 877	14.5	185	54	2 081
	1998	474	78	15 265	4.4	3 773	8.0	104	63	2 139
<b>Europe</b>										
High income	1978	368	57	4 788	1.9	3 870	10.5	18	73	10 207
	1998	392	49	4 120	1.5	3 974	10.1	8	78	13 081
Low and middle income	1978	419	55	8 277	2.5	4 241	10.1	51	68	...
	1998	478	51	6 449	1.8	5 281	11.1	39	68	...
<b>South-East Asia</b>										
India	1978	661	76	22 695	4.8	9 066	13.9	...	53	882
	1998	982	64	24 672	3.1	9 337	9.5	89	63	1 282
Other low and middle income	1978	352	85	13 048	5.1	5 051	14.5	163	53	1 249
	1998	503	58	11 753	2.6	4 147	8.2	83	63	2 208
<b>Western Pacific</b>										
High income	1978	172	52	2 864	2.1	1 095	6.4	22	73	9 602
	1998	198	44	2 305	1.5	1 482	7.5	9	78	14 890
China	1978	972	73	20 246	3.3	6 641	6.7	...	65	823
	1998	1 256	47	20 135	1.8	9 296	7.4	48	70	1 493
Other low and middle income	1978	126	85	4 566	5.2	1 493	11.9	127	57	...
	1998	197	69	5 085	3.3	1 367	7.0	58	67	...

... Data not available or not applicable.

<sup>a</sup> Estimates for 1978 and 1992.

Annex Table 6 Country performance on infant mortality and female life expectancy: outcomes relative to income, 1952–1992

Selected countries by WHO Regions	Infant mortality rate					Female life expectancy				
	Percentage higher (lower) than predicted					Years higher (lower) than predicted				
	1952	1962	1972	1982	1992	1952	1962	1972	1982	1992
<b>Africa</b>										
Algeria	...	31	32	31	11	...	-1.4	0.2	1.4	5.3
Angola	...	42	45	44	55	...	-13.6	-13.9	-11.1	-9.1
Benin	...	29	21	19	26	...	-9.9	-7.6	-5.4	-4.1
Botswana	...	-21	-28	-14	0	...	2.4	2.7	2.6	0.4
Burkina Faso	...	14	14	21	35	...	-7.6	-6.2	-6.8	-9.5
Burundi	...	7	14	20	52	...	-3.4	-3.1	-4	-12.8
Cameroon	...	11	1	15	22	...	-5.5	-4.7	-4.8	-3.5
Cape Verde	...	-28	-28	-12	-5	...	8.6	8.5	8.2	9.9
Central African Republic	...	19	11	17	32	...	-5.7	-5.9	-5.5	-6.7
Chad	...	33	34	39	52	...	-11.1	-10.6	-9.1	-6.7
Comoros	...	14	7	9	14	...	-0.7	-0.5	0.6	3.2
Congo	...	2	-7	17	52	...	-4.4	-5.4	-5.9	-11.1
Côte d'Ivoire	...	22	25	33	35	...	-7.7	-7.7	-7.4	-9.7
Ethiopia	31	34	29	46	...	-4.4	-4.4	-4.5	-7.2	...
Gabon	...	42	66	87	81	...	-8.6	-10.9	-11.4	-9.9
Gambia	...	40	42	52	62	...	-12.3	-13.3	-14.1	-11.2
Ghana	...	-5	-5	-3	5	...	-1.2	-1.2	-0.7	1.4
Guinea	...	35	38	50	63	...	-12	-12.2	-14.5	-12.6
Guinea-Bissau	...	35	43	52	66	...	-10.2	-13.5	-13.2	-11.6
Kenya	-11	-16	-19	-14	-4	-0.1	0.8	1.6	1.7	0.0
Lesotho	...	7	8	25	35	...	2.8	2.0	-0.8	0.8
Liberia	...	27	47	21	...	...	-3.9	-3.8	-3.7	...
Madagascar	...	30	31	19	24	...	-6.8	-5.5	-3.3	0.2
Malawi	...	40	46	52	70	...	-5.9	-7.8	-8.1	-13
Mali	...	40	53	49	52	...	-6.6	-5	-5.7	-3
Mauritania	...	23	20	23	35	...	-7.4	-7.2	-7.1	-4.7
Mauritius	-4	-37	-39	-61	-53	3.9	9.0	8.8	7.7	8.8
Mozambique	...	38	50	39	48	...	-9.8	-10.5	-10.5	-7.6
Namibia	...	23	38	40	24	...	-6.5	-6.8	-6.5	-3.2
Niger	...	29	35	42	54	...	-9.3	-11.2	-10.8	-7.4
Nigeria	-6	-4	-1	19	22	-3.9	-4.7	-6.8	-10.3	-7.6
Rwanda	...	5	17	26	63	...	-1.6	-4.5	-7.2	-33.5
Senegal	...	26	10	-2	2	...	-9.5	-9.1	-9	-6.9
Sierra Leone	...	48	57	75	102	...	-15.4	-17.1	-20.1	-22.6
Somalia	...	34	29	42	84	...	-11.2	-9.7	-11.4	-17.6
South Africa	-31	-16	3	16	25	-1	-0.1	-0.5	-0.9	0.1
Swaziland	...	27	43	44	38	...	-7.2	-6.6	-6	-2.7
Togo	...	22	7	9	21	...	-2.7	-3.3	-2.9	-5
Trinidad and Tobago	-30	-23	-7	4	-41	11.5	12.8	9.5	9.3	9.6
Uganda	-5	-11	-3	21	48	-1.2	-1.3	-2.9	-7	-17.8
United Republic of Tanzania	...	7	4	1	17	...	-0.7	-0.8	-0.7	-4.8
Zambia	...	-2	-10	-4	17	...	-4.5	-4.5	-4.1	-12.7
Zimbabwe	...	-21	-18	-14	1	...	-1.1	0.0	0.0	-6.6
<b>The Americas</b>										
Argentina	-32	-15	-8	-22	-36	16.3	14.8	12.4	11.1	11.0
Barbados	...	-40	-60	-83	-59	...	15.6	14.1	12.8	12.4
Belize	...	...	...	-35	-23	...	...	...	11.1	11.1
Bolivia	18	26	42	38	23	-3.4	-4.2	-5.9	-3.9	-0.2
Brazil	-10	-2	8	21	19	7.0	6.4	5.8	4.8	5.7
Chile	2	19	1	-83	-98	9.0	8.1	9.3	12.6	13.0
Colombia	-15	-21	-21	-27	-23	6.1	8.5	8.0	9.4	9.4
Costa Rica	-42	-26	-39	-108	-112	12.3	12.7	13.4	14.7	14.4
Dominican Republic	-6	-6	-7	1	-24	2.4	5.2	7.0	7.7	9.4
Ecuador	-8	-1	0	13	4	4.1	5.5	5.1	5.6	8.4
El Salvador	0	3	10	4	-37	0.9	3.4	5.2	4.1	9.5
Guatemala	-1	11	10	16	-6	-4	-3.2	-0.3	0.0	3.4
Guyana	-14	-21	-20	-11	-4	7.2	8.1	6.9	5.0	6.5
Haiti	...	28	27	28	6	...	-3.9	-2.3	-3.8	-2.5
Honduras	6	5	-4	-24	-39	-1.6	0.4	2.3	5.3	9.6

Selected countries by WHO Regions	Infant mortality rate					Female life expectancy				
	Percentage higher (lower) than predicted					Years higher (lower) than predicted				
	1952	1962	1972	1982	1992	1952	1962	1972	1982	1992
Jamaica	...	-61	-58	-79	-75	...	16.2	14.1	12.6	13.1
Mexico	-1	-4	7	14	10	5.0	7.8	7.5	8.6	9.5
Nicaragua	14	13	12	6	-29	-1.9	-1.1	0.7	3.1	8.4
Panama	-47	-61	-65	-67	-62	10.5	12.1	11.5	11.9	11.7
Paraguay	-73	-70	-68	-35	-25	19.1	16.4	13.7	9.2	8.8
Peru	12	25	31	27	5	-1.4	-1.2	0.7	2.9	6.8
Suriname	...	-50	-48	-30	-39	...	10.7	9.8	8.1	8.5
Uruguay	-51	-46	-35	-31	-57	20.7	18.1	14.6	12.3	12.3
Venezuela	31	31	17	2	-21	7.3	8.2	10.0	8.8	9.5
<b>Eastern Mediterranean</b>										
Bahrain	...	...	...	-1	-7	...	...	...	7.9	8.3
Djibouti	...	...	47	46	...	...	...	-12.7	-11.7	...
Egypt	19	25	31	36	10	-0.1	0.3	-0.1	-0.9	3.9
Iran, Islamic Republic of	...	57	72	41	-1	...	-2.1	-2.5	1.2	4.3
Iraq	...	44	46	70	...	...	-2.3	0.0	0.5	...
Jordan	...	-1	-16	-5	-32	...	-0.3	3.0	4.4	6.1
Morocco	10	15	14	23	13	-0.3	0.4	0.4	0.7	4.0
Oman	...	...	108	41	16	...	...	-8.3	1.8	6.3
Pakistan	12	11	20	25	28	-5.3	-2.8	-2.3	-0.1	2.2
Saudi Arabia	...	78	99	105	8	...	-6.6	-3.5	0.5	6.0
Sudan	...	...	-6	-1	17	...	...	-7	-5.5	-5.2
Syrian Arab Republic	...	10	3	17	0	...	2.4	2.5	2.5	5.1
Tunisia	...	19	15	5	-31	...	0.4	1.6	3.3	5.5
Yemen	...	...	45	38	48	...	...	-9.7	-8.5	-5.9
<b>Europe</b>										
Bulgaria	...	...	...	-105	-56	...	...	...	12.4	9.6
Greece	-88	-72	-62	-99	-113	21.4	19.2	16.4	14.9	14.6
Hungary	...	...	-71	-81	-94	...	...	15.0	10.7	9.1
Malta	...	-128	-138	-133	-106	...	20.4	16.7	13.8	13.3
Poland	...	...	-101	-90	-83	...	...	17.0	13.0	11.6
Romania	...	-84	-108	-116	-83	...	22.9	19.3	14.2	11.2
Turkey	43	43	45	49	25	-0.4	2.6	4.0	3.8	5.8
Yugoslavia	...	-29	-44	-22	-51	...	14.0	13.4	10.2	9.9
<b>South-East Asia</b>										
Bangladesh	...	13	23	35	36	...	-9.6	-9.3	-7.8	-4.9
India	12	14	11	13	17	-4.9	-3.3	-2.5	-1.3	0.6
Indonesia	...	-4	-4	5	4	...	-4	-0.9	0.1	2.7
Myanmar	30	12	2	9	20	-0.6	2.6	2.7	1.0	3.6
Nepal	...	31	29	30	...	...	-8.7	-8.6	-8.1	...
Sri Lanka	-53	-45	-66	-99	-96	10.3	13.7	12.2	12.2	12.1
Thailand	-21	-34	-46	-49	-32	4.9	7.3	7.1	7.8	8.0
<b>Western Pacific</b>										
China	...	-14	-67	-58	-33	...	4.2	12.9	11.4	10.1
Fiji	...	-45	-61	-58	-58	...	9.8	10.2	9.5	9.7
Lao People's Democratic Republic	...	...	...	...	58	...	...	...	...	-8.3
Malaysia	...	-65	-77	-67	-81	...	6.8	9.0	8.4	8.3
Mongolia	...	...	...	...	3	...	...	...	...	3.3
Papua New Guinea	...	23	6	-8	10	...	-7.9	-7.9	-6.4	-4.2
Philippines	-50	-52	-38	-24	-40	5.0	6.5	5.0	4.4	6.9
Solomon Islands	...	...	...	-76	-71	...	...	...	11.0	10.6
Vanuatu	...	...	...	...	-24	...	...	...	...	6.2

... Data not available or not applicable.

Notes:

1. The performance measures in this table are based on the difference between a country's actual level of the health indicator and what would be predicted given its income level. As health indicators at any given income level have improved markedly over the 40 years covered, the predictions are period specific. The Explanatory Notes of the Annex provide more information on data and methods.
2. A country's performance relative to income depends on many factors – education levels, environmental conditions and health policies, to name a few. The reported measures do not, therefore, assess health policies per se but rather provide a quantitative outcome measure to facilitate discussion of health policy.
3. Entries in the table relate each country's actual levels of infant mortality and female life expectancy to what would be predicted given its income level and at the indicated time. Performance on infant mortality is measured as the percentage higher (or lower) than the actual rate relative to the predicted rate; negative numbers therefore indicate better performance. Performance on female life expectancy is years more (or less) than predicted and negative numbers indicate worse performance.

Annex Table 7 Country performance on equity: health conditions of advantaged and disadvantaged groups, around 1990

Country	Percentage of population in absolute poverty	Probability of dying (per 100) between ages 15 and 59				Probability of dying (per 1000) between birth and age 5				Prevalence of tuberculosis (per 10 000)	
		Males		Females		Males		Females		Non-poor	Poor: non-poor ratio
		Non-poor	Poor: non-poor ratio	Non-poor	Poor: non-poor ratio	Non-poor	Poor: non-poor ratio	Non-poor	Poor: non-poor ratio		
<b>Aggregate</b>		<b>19</b>	<b>2.2</b>	<b>9</b>	<b>4.3</b>	<b>39</b>	<b>4.3</b>	<b>38</b>	<b>4.8</b>	<b>23</b>	<b>2.6</b>
<b>Africa</b>											
Botswana	33	22	2.3	13	4.0	38	4.9	33	4.8	54	1.2
Côte d'Ivoire	18	44	1.5	41	1.5	124	2.4	95	3.3	30	1.6
Ethiopia	46	30	2.2	19	3.6	107	3.0	76	4.0	19	2.9
Guinea	88	22	2.1	12	3.5	66	3.7	45	5.6	20	1.9
Guinea-Bissau	26	37	1.7	30	2.1	177	2.2	135	3.0	20	2.6
Kenya	50	24	2.1	13	3.8	43	3.7	41	3.8	21	2.6
Lesotho	49	15	2.6	7	5.4	58	3.9	43	5.2	45	1.7
Madagascar	72	20	2.0	11	3.4	46	3.8	39	4.1	17	2.6
Mauritania	31	28	1.9	17	3.4	105	3.0	85	3.7	49	1.3
Niger	62	26	1.9	14	3.5	88	3.4	60	4.8	17	2.4
Nigeria	31	32	1.8	22	2.8	101	3.1	82	3.7	27	2.2
Rwanda	46	79	1.2	83	1.0	133	2.7	90	4.2	18	2.3
Senegal	54	27	2.2	14	3.8	49	4.0	39	4.9	21	2.5
South Africa	24	35	1.7	16	3.6	47	4.7	31	5.3	61	1.0
United Republic of Tanzania	11	24	2.1	16	3.3	36	5.6	34	5.0	30	1.4
Uganda	69	46	1.4	41	1.4	131	2.1	111	2.5	38	1.3
Zambia	85	29	2.5	18	3.6	48	3.5	42	3.9	22	3.8
Zimbabwe	41	35	2.1	30	2.3	51	4.1	38	5.0	58	1.2
<b>The Americas</b>											
Brazil	24	23	2.4	6	7.9	26	6.5	23	5.0	6	5.3
Chile	15	12	3.7	3	12.3	10	7.1	7	8.3	2	8.0
Colombia	7	25	2.1	10	5.2	39	5.6	29	6.8	6	7.7
Costa Rica	19	7	5.5	3	10.6	10	5.5	8	5.1	2	4.8
Dominican Republic	20	12	3.4	5	9.7	29	6.5	24	6.5	10	4.6
Ecuador	8	18	2.7	11	4.4	58	4.2	45	4.9	25	1.8
Guatemala	53	23	1.9	9	3.5	31	3.5	29	3.3	8	1.8
Honduras	47	15	2.0	7	4.0	32	3.2	26	3.2	11	1.8
Jamaica	4	13	3.4	7	7.2	26	7.5	19	10.0	1	25.1
Mexico	15	16	2.9	5	8.6	23	7.6	19	7.8	4	6.7
Nicaragua	44	16	2.1	6	5.6	32	3.8	26	4.0	8	2.1
Panama	26	9	3.7	4	7.7	14	6.2	14	5.8	5	3.9
Peru	49	16	1.7	6	3.6	37	3.6	30	3.7	15	2.9
Venezuela	12	16	3.0	6	7.6	16	8.9	11	10.8	3	8.7
<b>Eastern Mediterranean</b>											
Egypt	8	20	2.5	12	4.1	72	3.2	71	3.5	2	16.9
Pakistan	12	18	2.8	12	4.4	105	2.7	101	2.8	39	1.3
Tunisia	4	25	2.2	14	3.8	79	2.8	61	3.7	10	4.3
<b>Europe</b>											
Czech Republic	3	20	2.3	8	6.4	10	17.3	5	29.3	1	31.0
Estonia	6	30	1.8	8	6.3	22	9.3	9	17.5	6	7.5
Kyrgyzstan	19	23	2.1	6	8.0	30	5.7	22	6.1	9	5.1
Poland	7	23	2.2	7	7.8	10	15.7	8	14.4	4	10.9
Romania	18	20	2.3	5	8.4	16	9.9	12	9.2	12	3.9
Slovakia	13	22	2.3	5	9.8	7	11.1	6	11.0	2	7.8
Turkmenistan	5	40	2.2	36	2.4	65	4.2	61	4.0	24	2.2
<b>South-East Asia</b>											
India	53	16	2.1	8	3.7	33	4.5	40	4.3	28	2.5
Indonesia	12	23	2.3	17	3.1	62	4.1	53	4.1	82	0.7
Nepal	50	21	2.2	13	3.8	52	4.0	53	4.6	21	3.3
Sri Lanka	4	18	2.7	9	5.7	18	10.8	19	8.7	6	6.9
<b>Western Pacific</b>											
China	22	12	3.4	4	11.0	23	5.9	28	6.6	14	3.8
Malaysia	6	18	3.1	10	5.1	13	13.7	10	15.0	13	3.2
Philippines	29	15	2.9	7	6.1	23	5.8	18	5.9	71	0.8

**Annex Table 8 Malaria: magnitude of the problem by age, sex and WHO Region, estimates for 1998**

	Both sexes	Males					Females				
		0-4	5-14	15-44	45-59	60+	0-4	5-14	15-44	45-59	60+
<b>Deaths (000)</b>											
<b>All Member States</b>	<b>1 110</b>	<b>417</b>	<b>105</b>	<b>40</b>	<b>6</b>	<b>3</b>	<b>376</b>	<b>104</b>	<b>46</b>	<b>7</b>	<b>4</b>
Africa	961	391	85	20	1	1	354	84	25	1	1
The Americas	4	0	0	1	0	0	0	0	1	0	0
Eastern Mediterranean	53	19	5	2	0	0	17	5	3	0	0
Europe	0	0	0	0	0	0	0	0	0	0	0
South-East Asia	73	6	11	14	4	2	4	11	15	4	2
Western Pacific	20	1	4	4	1	1	1	3	3	1	1
<b>Incidence (000)</b>											
<b>All Member States</b>	<b>272 925</b>	<b>51 627</b>	<b>23 457</b>	<b>55 786</b>	<b>3 677</b>	<b>2 025</b>	<b>50 847</b>	<b>23 225</b>	<b>56 049</b>	<b>3 854</b>	<b>2 379</b>
Africa	237 647	47 798	19 624	47 923	2 292	1 221	47 132	19 465	48 290	2 441	1 461
The Americas	2 043	121	236	500	111	70	112	218	483	112	80
Eastern Mediterranean	13 693	2 437	1 242	2 841	222	128	2 398	1 226	2 822	227	149
Europe	0	0	0	0	0	0	0	0	0	0	0
South-East Asia	15 791	1 042	1 871	3 627	850	472	994	1 850	3 677	878	529
Western Pacific	3 751	228	483	895	203	134	211	465	777	196	160
<b>DALYs (000)</b>											
<b>All Member States</b>	<b>39 267</b>	<b>14 826</b>	<b>3 916</b>	<b>1 322</b>	<b>97</b>	<b>26</b>	<b>13 551</b>	<b>3 870</b>	<b>1 510</b>	<b>114</b>	<b>33</b>
Africa	34 506	13 889	3 151	696	18	5	12 723	3 137	857	24	7
The Americas	130	11	19	32	4	1	10	17	31	4	1
Eastern Mediterranean	1 854	676	192	77	7	1	619	190	82	7	2
Europe	0	0	0	0	0	0	0	0	0	0	0
South-East Asia	2 185	198	417	410	55	14	161	405	444	64	17
Western Pacific	591	52	137	107	15	4	38	121	96	16	6

**Annex Table 9 Tobacco: magnitude of the problem by sex and WHO Region, estimates for 1998**

<b>Deaths (000)</b>	<b>Both sexes</b>	<b>Males</b>	<b>Females</b>	<b>DALYs (000)</b>	<b>Both sexes</b>	<b>Males</b>	<b>Females</b>
<b>All Member States</b>	<b>4 023</b>	<b>3 241</b>	<b>782</b>	<b>All Member States</b>	<b>49 288</b>	<b>40 037</b>	<b>9 251</b>
Africa	125	112	13	Africa	1 900	1 763	137
The Americas	772	472	300	The Americas	8 867	5 529	3 338
High income	604	342	262	High income	6 603	3 752	2 851
Low and middle income	168	130	38	Low and middle income	2 264	1 777	487
Eastern Mediterranean	182	160	22	Eastern Mediterranean	2 976	2 547	429
Europe	1 273	1 066	207	Europe	17 084	14 396	2 687
High income	538	425	113	High income	5 887	4 654	1 233
Low and middle income	735	641	94	Low and middle income	11 196	9 742	1 454
South-East Asia	580	505	75	South-East Asia	7 439	6 456	983
India	383	332	51	India	5 098	4 415	683
Other low and middle income	197	173	24	Other low and middle income	2 341	2 041	300
Western Pacific	1 093	927	166	Western Pacific	11 022	9 345	1 677
High income	116	88	28	High income	1 274	970	304
China	913	783	130	China	8 991	7 716	1 275
Other low and middle income	64	56	8	Other low and middle income	757	659	98

**Annex Table 10 Tuberculosis: magnitude of the problem by sex and WHO Region, estimates for 1998**

	Individuals infected with tuberculosis, who are					
	HIV positive			HIV negative		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Deaths (000)</b>						
<b>All Member States</b>	<b>365</b>	<b>184</b>	<b>181</b>	<b>1 498</b>	<b>893</b>	<b>605</b>
Africa	305	147	158	209	101	108
The Americas						
High income	1	1	0	1	1	0
Low and middle income	13	7	6	53	30	23
Eastern Mediterranean	3	2	1	139	88	51
Europe						
High income	3	2	1	7	4	2
Low and middle income	1	1	0	53	44	9
South-East Asia						
India	26	18	9	421	281	140
Other low and middle income	9	5	4	261	133	128
Western Pacific						
High income	0	0	0	10	7	3
China	3	2	1	259	161	97
Other low and middle income	2	1	1	86	44	42
<b>Incidence (000)</b>						
<b>All Member States</b>	<b>619</b>	<b>313</b>	<b>306</b>	<b>7 393</b>	<b>4 420</b>	<b>2 973</b>
Africa	510	246	264	1 047	505	543
The Americas						
High income	4	3	1	17	12	6
Low and middle income	22	12	10	378	213	165
Eastern Mediterranean	4	3	2	607	384	223
Europe						
High income	8	5	3	72	48	24
Low and middle income	2	2	0	357	295	62
South-East Asia						
India	46	31	15	1 794	1 198	596
Other low and middle income	16	8	8	1 146	584	562
Western Pacific						
High income	1	0	0	86	57	29
China	5	3	2	1 411	881	530
Other low and middle income	3	2	2	478	243	234
<b>DALYs (000)</b>						
<b>All Member States</b>	<b>9 032</b>	<b>4 365</b>	<b>4 667</b>	<b>28 189</b>	<b>16 137</b>	<b>12 052</b>
Africa	7 934	3 719	4 215	5 442	2 551	2 891
The Americas						
High income	7	5	2	8	6	2
Low and middle income	302	159	143	1 213	638	575
Eastern Mediterranean	59	37	22	3 188	2 006	1 182
Europe						
High income	20	14	6	53	38	15
Low and middle income	18	15	3	853	732	122
South-East Asia						
India	476	303	174	7 577	4 815	2 761
Other low and middle income	154	78	75	4 438	2 264	2 174
Western Pacific						
High income	2	1	1	80	58	22
China	37	22	15	3 878	2 286	1 592
Other low and middle income	25	13	12	1 459	744	715

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