

Injury

A Leading Cause of the
Global Burden of Disease

2000



World Health Organization
Geneva

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Global Burden of Disease

2000



Department of Injuries and Violence Prevention
Noncommunicable Diseases and Mental Health Cluster

World Health Organization
Geneva

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INTRODUCTION

Background

In 1999, WHO published the first volume (1) of this document to inform policy-makers, health officials, researchers and the general public about the magnitude and ranking of injuries to facilitate informed decision-making and increase attention to this significant public health problem. With more attention and resources being allocated to injury prevention and control, it is important to provide up-to-date and accurate data about the magnitude of this problem. Therefore, we have updated the ranking tables presented here with the most recent data we have available. As previously, this document is intended to serve as a reference document on the ranking of injuries among other leading causes of the burden of disease.

Injuries have traditionally been regarded as random, unavoidable “accidents”. Within the last few decades, however, a better understanding of the nature of injuries has changed these old attitudes, and today both unintentional and intentional injuries are viewed as largely preventable events. As a result of this shift in perception, injuries and their health implications have demanded the attention of decision-makers worldwide and injury policy has been firmly placed in the public health arena. Furthermore, the growing acceptance of injuries as a preventable public health problem over the past decade or so has led to the development of preventative strategies and, consequently, a decrease in the human death toll due to injuries in some countries.

However, injuries continue to rank among the leading causes of death and burden of disease and occur in all regions and countries, affecting people in all age and income groups. The magnitude of the problem however varies considerably by age, sex, region and income group. For example, in the low- and middle-income countries in the Western Pacific the leading injury-related causes of death are road traffic injuries and interpersonal violence, while in the low- and middle-income countries of Europe they are suicide and poisoning. In the high-income countries of the Americas, the leading cause of death among people aged 15–29 years is traffic injuries, while in the low- and middle-income countries of the same region it is interpersonal violence.

Methods

The data presented here are taken from the Global Burden of Disease 2000 database, version 1 (GBD 2000 project). The GBD 2000 project database combines mortality data derived from national vital registration systems with information obtained from surveys, censuses, epidemiological studies and health service data and as such represents the most comprehensive view of global mortality and morbidity available today (2). The global burden of disease data are disaggregated geographically into six WHO regions, the African Region (AFR), the Region of the Americas (AMR), the South-East Asia Region (SEAR), the European Region (EUR), the Eastern Mediterranean Region (EMR) and the Western Pacific Region (WPR). Countries within each geographical region have been further subdivided by

income level, according to the divisions developed by the World Bank (3). The countries comprising each of the WHO regions and economic grouping within these regions are given in Appendix 2.

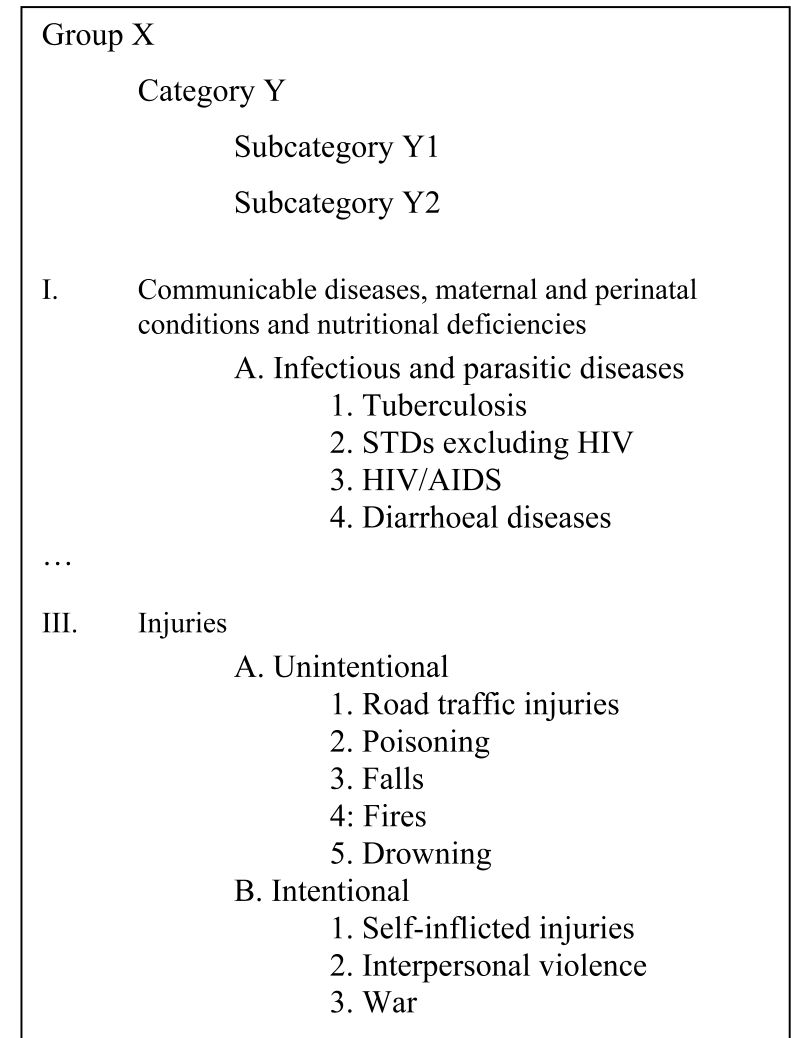
The information provided includes both mortality and morbidity data. Mortality is a very important indicator of the magnitude of a health problem. However, it is important to realize that for each death from injury there are many more injuries that result in hospitalisation, treatment in emergency departments or by general practitioners, and treatment outside hospitals. Non-fatal outcomes must also therefore be measured to characterize the burden of injury accurately. Disability-adjusted life years (DALYs) take account of this by combining the number of years of life lost from premature death with the loss of health from disability. One disability-adjusted life year (DALY) is defined as one lost year of healthy life, either due to premature death or disability.

In order to create the tables presented here we followed the World Health Report procedure for creating death and disability rankings (Figure 1). Deaths and health states are categorically attributed to one underlying cause using the rules and conventions of the International Classification of Diseases (4,5). The cause list used in the GBD 2000 project has four levels of disaggregation and includes 135 specific diseases and injuries. Overall mortality is divided into three broad groups of causes, as follows:

- ◆ Group I: communicable diseases, maternal causes, conditions arising in the perinatal period and nutritional deficiencies;
- ◆ Group II: noncommunicable diseases;

- ◆ Group III: intentional and unintentional injuries.

Figure 1: Ranking method



Next, deaths and disabilities within each of these groups are divided into categories. The two main injury categories, intentional and unintentional injuries, are defined in terms of a series of external cause codes; unintentional injuries are subdivided into road traffic injuries, poisoning, falls, fires, and drowning. Intentional injuries are subdivided into self-inflicted injuries (i.e. suicide), interpersonal violence (e.g. homicide), and war-related injuries. The same procedure is followed for the other two broad groups of deaths and disabilities.

The 15 leading causes of death/burden of disease are presented in tables by geographical region and income levels, by age and sex. All injury-related groups or categories are highlighted in each table for illustration. The numbers listed below for each subcategory represent either the total number of deaths or DALYs. It is important to realize that these are a measure of magnitude and are not directly comparable to another region, sex or income group. A table describing the population is provided to allow the calculation of rates of disease or injury which may then be more accurately compared between tables (Appendix 1).

Summary of results

- ◆ Injury is a leading cause of death and disability for all age groups except persons 60 years of age or older.
- ◆ Road traffic and self-inflicted injuries are the leading causes of injury-related deaths worldwide.
- ◆ Road traffic injuries, self-inflicted injuries, interpersonal violence, war injuries, drowning, poisoning and injuries resulting from exposure to fire are all among the 10 leading causes of death for persons aged 15–29 years.

- ◆ The leading injury-related causes of death among youths 5-14 years are traffic injuries and drowning.
- ◆ Although falls do not appear among the leading causes of death in the world, they are a leading cause of burden of disease for children aged 5–14 years.
- ◆ Worldwide, road traffic injuries are the leading injury-related cause of death and burden of disease in males.
- ◆ In high-income countries, road traffic injuries, self-inflicted injuries and interpersonal violence are the three leading causes of death among people aged 15–29 years.
- ◆ In most of the regions, road traffic injuries are the leading cause of injury-related deaths except in Europe and the low- and middle-income countries of the Americas where self-inflicted injuries and interpersonal violence are the leading injury-related causes of death, respectively.
- ◆ China is the only region to show drowning among the 15 leading causes of death and burden of disease.
- ◆ The low- and middle-income countries of Europe is the only region
- ◆ to show poisoning as a leading cause of death.

Since the publication of the first version of this document in 1998, there have been a number of changes in the rankings – some encouraging and some disappointing. These include:

- ◆ War as a leading cause of death has dropped in almost all regions and age groups since 1998.

- ◆ Interpersonal violence as a leading cause of death among males has declined slightly and the rank of suicide deaths among females has decreased since 1998.
- ◆ Road traffic injuries have risen to the 9th leading cause of death worldwide since 1998.
- ◆ Injury as a cause of death has increased among children in many regions. For example, among children 0-4 years in high income countries road traffic injuries, drowning, and interpersonal violence have all risen in the rankings of leading causes of death.

Conclusion

The goal of this publication is to provide the most recent and updated estimates on the magnitude of injuries in the world and compare the burden of injuries to other leading public health problems. Such information is the basis for informed priority setting and decision-making. Injuries have been shown to account for a significant health burden on all populations regardless of their age, sex, income or geographical region.

Injuries are preventable non-random events. While some progress has been made since the first version of this publication, the data in this report clearly show that injuries continue to be a significant public health problem. We hope that this document can be used to inform decision- and policy-makers about the nature of the injury problem and, in turn, to argue for greater attention and the allocation of more resources for prevention efforts.

The content of this publication is available on the WHO web site at: http://www5.who.int/violence_injury_prevention. Users are invited to use the tables included therein, when and where appropriate, to advocate for more attention to this important public health problem.

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Table 1. Leading Causes of Death, Both Sexes, 2000

| Rank | 0-4 years | 5-14 years | 15-29 years | 30-44 years | 45-59 years | ≥ 60 years | All Ages |
|-------------|--|---|--|---|---|---|---|
| 1 | Lower respiratory Infections 2 134 248 | Childhood cluster diseases 200 139 | HIV/AIDS 855 406 | HIV/AIDS 1 249 048 | Ischaemic heart disease 931 267 | Ischaemic heart disease 5 694 495 | Ischaemic heart disease 6 894 057 |
| 2 | Diarrhoeal diseases 1 315 412 | Road traffic injuries 118 212 | Road traffic injuries 354 692 | Tuberculosis 368 501 | Cerebrovascular disease 573 065 | Cerebrovascular disease 4 312 376 | Cerebrovascular disease 5 101 446 |
| 3 | Childhood-cluster diseases 1 108 666 | Drowning 113 614 | Tuberculosis 238 021 | Road traffic injuries 302 922 | Tuberculosis 413 851 | Chronic obstructive pulmonary diseases 2 285 834 | Lower respiratory infections 3 866 321 |
| 4 | Low birth weight 1 025 488 | Lower respiratory infections 112 739 | Self-inflicted injuries 216 661 | Ischaemic heart disease 224 986 | HIV/AIDS 332 996 | Lower respiratory infections 1 225 643 | HIV/AIDS 2 942 901 |
| 5 | Malaria 905 838 | Diarrhoeal diseases 88 430 | Interpersonal violence 188 451 | Self-inflicted injuries 215 263 | Trachea, bronchus, lung cancers 275 895 | Trachea, bronchus, lung cancers 886 787 | Chronic obstructive pulmonary diseases 2 522 983 |
| 6 | Birth asphyxia and birth trauma 787 179 | Malaria 76 257 | War injuries 95 015 | Interpersonal violence 146 751 | Cirrhosis of the liver 226 975 | Hypertensive heart disease 754 495 | Diarrhoeal diseases 2 124 032 |
| 7 | HIV/AIDS 419 480 | HIV/AIDS 46 022 | Drowning 78 639 | Cerebrovascular disease 145 965 | Lower respiratory infections 226 105 | Diabetes mellitus 612 725 | Tuberculosis 1 660 411 |
| 8 | Congenital heart anomalies 281 751 | War injuries 43 671 | Lower respiratory infections 65 153 | Cirrhosis of the liver 135 072 | Road traffic injuries 212 040 | Tuberculosis 536 303 | Childhood-cluster diseases 1 385 455 |
| 9 | Protein-energy malnutrition 172 530 | Tuberculosis 36 362 | Poisonings 61 865 | Lower respiratory infections 102 431 | Diarrhoeal diseases 210 994 | Stomach cancer 529 461 | Road traffic injuries 1 259 838 |
| 10 | STD's excluding HIV 142 176 | Tropical cluster diseases 31 845 | Fires 61 341 | Liver cancer 84 279 | Chronic obstructive Pulmonary diseases 181 458 | Colon and rectum cancers 441 961 | Trachea, bronchus, lung cancers 1 212 625 |
| 11 | Drowning 115 922 | Fires 30 599 | Maternal haemorrhage 59 456 | Poisonings 78 060 | Liver cancer 180 263 | Diarrhoeal diseases 400 705 | Malaria 1 079 877 |
| 12 | Anencephaly 85 247 | Interpersonal violence 24 668 | Rheumatic heart disease 48 062 | War injuries 72 314 | Self-inflicted injuries 165 412 | Cirrhosis of the liver 385 886 | Low birth weight 1 025 584 |
| 13 | Meningitis 76 870 | Leukaemia 23 808 | Leukaemia 44 740 | Nephritis and nephrosis 71 654 | Stomach cancer 160 140 | Nephritis and nephrosis 357 074 | Hypertensive heart disease 940 818 |
| 14 | Road traffic injuries 75 710 | Poisonings 23 293 | Nephritis and nephrosis 41 300 | Diarrhoeal diseases 68 098 | Breast cancer 145 200 | Liver cancer 341 157 | Self-inflicted injuries 814 778 |
| 15 | Tuberculosis 67 372 | Self-inflicted injuries 21 967 | Diarrhoeal diseases 40 392 | Breast cancer 61 480 | Hypertensive heart disease 135 894 | Oesophagus cancer 284 252 | Diabetes mellitus 809 685 |

Table 2. Leading Causes of Burden of Disease, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|---|---|---|--|--|
| 1 | Lower respiratory infections 74 930 132 | Childhood-cluster diseases 7 649 353 | HIV/AIDS 33 397 370 | HIV/AIDS 34 481 163 | Ischaemic heart disease 16 036 202 | Ischaemic heart disease 31 641 067 | Lower respiratory infections 94 222 542 |
| 2 | Diarrhoeal diseases 46 350 059 | Road traffic injuries 6 487 961 | Unipolar depressive disorders 23 804 386 | Unipolar depressive disorders 21 385 328 | Cerebrovascular disease 11 941 565 | Cerebrovascular disease 24 461 833 | HIV/AIDS 90 392 283 |
| 3 | Meningitis 46 350 059 | Unipolar depressive disorders 5 940 191 | Road traffic injuries 15 624 017 | Tuberculosis 10 733 156 | Unipolar depressive disorders 10 584 137 | Chronic obstructive pulmonary diseases 18 484 928 | Unipolar depressive disorders 64 963 444 |
| 4 | Childhood-cluster diseases 40 635 442 | Iron-deficiency anaemia 5 782 668 | Schizophrenia 11 955 284 | Road traffic injuries 10 167 746 | Hearing loss, adult onset 8 939 931 | Cirrhosis of the liver 11 446 387 | Diarrhoeal diseases 62 227 406 |
| 5 | Low birth weight 37 326 852 | Falls 5 266 672 | Bipolar disorder 11 524 838 | Hearing loss, adult onset 7 256 625 | Tuberculosis 7 283 439 | Alzheimer and other dementias 9 016 026 | Meningitis 62 227 406 |
| 6 | Birth asphyxia and birth trauma 33 670 889 | Lower respiratory infections 4 763 127 | Alcohol use disorders 9 734 937 | Ischaemic heart disease 6 240 512 | Chronic obstructive pulmonary diseases 7 227 548 | Trachea, bronchus, lung cancers 5 893 199 | Ischaemic heart disease 55 684 316 |
| 7 | Malaria 33 502 863 | Diarrhoeal diseases 4 577 413 | Tuberculosis 9 638 945 | Alcohol use disorders 6 233 903 | HIV/AIDS 5 991 621 | Lower respiratory infections 5 860 138 | Childhood-cluster diseases 50 379 685 |
| 8 | Congenital heart anomalies 16 323 294 | Meningitis 4 577 413 | Self-inflicted injuries 8 305 456 | Chronic obstructive pulmonary diseases 6 069 562 | Cirrhosis of the liver 5 389 691 | Hearing loss, adult onset 5 859 966 | Cerebrovascular disease 45 676 294 |
| 9 | Protein-energy malnutrition 15 340 497 | Drowning 4 238 780 | Iron-deficiency anaemia 8 135 177 | Self-inflicted injuries 5 985 453 | Osteoarthritis 4 873 271 | Diabetes mellitus 5 745 035 | Road traffic injuries 41 234 097 |
| 10 | HIV/AIDS 14 332 897 | Asthma 4 197 692 | Interpersonal violence 7 525 169 | Iron-deficiency anaemia 5 724 364 | Cataracts 4 581 444 | Osteoarthritis 5 254 864 | Malaria 40 212 958 |
| 11 | STD's excluding HIV 5 671 077 | Malaria 3 468 819 | STD's excluding HIV 7 320 610 | Cerebrovascular disease 5 296 326 | Road traffic injuries 4 380 098 | Cataracts 4 142 883 | Low birth weight 37 330 175 |
| 12 | Falls 4 546 779 | Fires 3 366 904 | Panic disorder 6 070 450 | Osteoarthritis 4 794 136 | Diabetes mellitus 4 332 534 | Tuberculosis 4 058 732 | Tuberculosis 35 791 520 |
| 13 | Drowning 4 057 174 | Migraine 3 007 677 | Abortion 5 319 812 | Cirrhosis of the liver 4 472 085 | Trachea, bronchus, lung cancers 4 277 847 | Hypertensive heart disease 4 034 254 | Chronic obstructive pulmonary diseases 33 748 600 |
| 14 | Down syndrome 3 898 819 | Intestinal nematode infections 2 912 932 | Obstructed labour 4 939 273 | Interpersonal violence 4 411 735 | Lower respiratory infections 3 703 120 | Stomach cancer 3 359 440 | Birth asphyxia and birth trauma 33 691 258 |
| 15 | Cirrhosis of the liver 3 567 340 | War 1 846 346 | Asthma 4 743 978 | Falls 3 356 942 | Diarrhoeal diseases 3 654 211 | Unipolar depressive disorders 3 249 401 | Cirrhosis of the liver 29 003 108 |

Table 3. Leading Causes of Death, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|---|---|---|
| 1 | Lower respiratory Infections 1 095 035 | Childhood cluster diseases 100 005 | HIV/AIDS 325 775 | HIV/AIDS 695 268 | Ischaemic heart disease 624 040 | Ischaemic heart disease 2 820 403 | Ischaemic heart disease 3 625 356 |
| 2 | Diarrhoeal diseases 682 778 | Drowning 74 556 | Road traffic injuries 284 754 | Road traffic injuries 241 785 | Cerebrovascular disease 328 573 | Cerebrovascular disease 1 954 213 | Cerebrovascular disease 2 406 166 |
| 3 | Childhood-cluster diseases 554 577 | Road traffic injuries 69 126 | Interpersonal violence 154 993 | Tuberculosis 234 051 | Tuberculosis 282 718 | Chronic obstructive pulmonary diseases 1 231 222 | Lower respiratory infections 2 083 873 |
| 4 | Low birth weight 528 732 | Lower respiratory infections 46 017 | Tuberculosis 129 863 | Ischaemic heart disease 155 300 | HIV/AIDS 220 672 | Lower respiratory infections 717 098 | HIV/AIDS 1 499 588 |
| 5 | Malaria 432 460 | Diarrhoeal diseases 38 342 | Self-inflicted injuries 123 957 | Self-inflicted injuries 138 400 | Trachea, bronchus, lung cancers 206 946 | Trachea, bronchus, lung cancers 655 580 | Chronic obstructive pulmonary diseases 1 367 451 |
| 6 | Birth asphyxia and birth trauma 427 170 | War injuries 38 036 | War injuries 68 764 | Interpersonal violence 120 005 | Cirrhosis of the liver 164 001 | Hypertensive heart disease 345 896 | Diarrhoeal diseases 1 177 893 |
| 7 | HIV/AIDS 215 088 | Malaria 27 159 | Drowning 60 069 | Cirrhosis of the liver 100 496 | Road traffic injuries 160 144 | Tuberculosis 342 995 | Tuberculosis 1 047 542 |
| 8 | Congenital heart anomalies 148 158 | Tropical cluster diseases 19 580 | Poisonings 39 004 | Cerebrovascular disease 85 849 | Lower respiratory infections 135 522 | Stomach cancer 325 400 | Road traffic injuries 930 629 |
| 9 | Protein-energy malnutrition 84 037 | Tuberculosis 17 711 | Lower respiratory infections 28 582 | Liver cancer 62 326 | Liver cancer 135 477 | Diarrhoeal diseases 268 900 | Trachea, bronchus, lung cancers 895 045 |
| 10 | STD's excluding HIV 76 194 | HIV/AIDS 15 134 | Cirrhosis of the liver 27 640 | Lower respiratory infections 61 618 | Diarrhoeal diseases 131 097 | Diabetes mellitus 247 222 | Childhood-cluster diseases 693 085 |
| 11 | Drowning 68 637 | Leukaemia 14 032 | Leukaemia 24 428 | War injuries 58 374 | Self-inflicted injuries 114 933 | Prostate cancer 244 605 | Cirrhosis of the liver 531 075 |
| 12 | Road traffic injuries 42 049 | Interpersonal violence 13 145 | Ischaemic heart disease 23 876 | Poisonings 56 616 | Stomach cancer 108 523 | Cirrhosis of the liver 232 993 | Low birth weight 528 762 |
| 13 | Meningitis 41 260 | Poisonings 11 684 | Rheumatic heart disease 22 954 | Drowning 40 717 | Chronic obstructive pulmonary diseases 107 386 | Colon and rectum cancers 225 205 | Malaria 522 112 |
| 14 | Tuberculosis 40 202 | Congenital heart anomalies 11 149 | Nephritis and nephrosis 22 403 | Nephritis and nephrosis 39 811 | Mouth and oropharynx cancers 88 180 | Liver cancer 222 796 | Self-inflicted injuries 509 404 |
| 15 | Anencephaly 38 069 | Self-inflicted injuries 10 454 | Falls 22 178 | Diarrhoeal diseases 39 642 | Hypertensive heart disease 75 111 | Oesophagus cancer 184 943 | Stomach cancers 464 106 |

Table 4. Leading Causes of Burden of Disease, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|--|---|---|--|--|
| 1 | Lower respiratory infections 38 437 725 | Childhood-cluster diseases 3 815 040 | HIV/AIDS 13 177 027 | HIV/AIDS 19 062 152 | Ischaemic heart disease 10 404 930 | Ischaemic heart disease 16 408 189 | Lower respiratory infections 48 786 228 |
| 2 | Diarrhoeal diseases 23 937 937 | Road traffic injuries 3 783 392 | Road traffic injuries 12 391 869 | Road traffic injuries 8 159 246 | Cerebrovascular disease 6 473 803 | Cerebrovascular disease 11 578 272 | HIV/AIDS 44 366 440 |
| 3 | Meningitis 23 937 937 | Falls 3 168 255 | Unipolar depressive disorders 9 879 622 | Unipolar depressive disorders 8 077 198 | Hearing loss, adult onset 5 280 743 | Chronic obstructive pulmonary diseases 10 377 328 | Diarrhoeal diseases 32 399 244 |
| 4 | Childhood-cluster diseases 20 287 945 | Unipolar depressive disorders 3 054 823 | Alcohol use disorders 8 301 877 | Tuberculosis 6 803 393 | Tuberculosis 4 946 669 | Cirrhosis of the liver 5 161 683 | Meningitis 32 399 244 |
| 5 | Low birth weight 19 215 764 | Iron-deficiency anaemia 2 939 893 | Interpersonal violence 6 176 810 | Alcohol use disorders 5 393 410 | Chronic obstructive pulmonary diseases 4 232 786 | Trachea, bronchus, lung cancers 4 339 317 | Ischaemic heart disease 31 997 532 |
| 6 | Birth asphyxia and birth trauma 18 235 586 | Drowning 2 777 819 | Schizophrenia 5 882 894 | Ischaemic heart disease 4 158 317 | HIV/AIDS 3 925 252 | Alzheimer and other dementias 3 667 597 | Road traffic injuries 30 332 527 |
| 7 | Malaria 16 025 101 | Diarrhoeal diseases 2 082 690 | Bipolar disorder 5 819 152 | Hearing loss, adult onset 3 933 891 | Unipolar depressive disorders 3 809 922 | Lower respiratory infections 3 599 595 | Unipolar depressive disorders 25 900 643 |
| 8 | Congenital heart anomalies 8 458 417 | Meningitis 2 082 689 | Tuberculosis 5 312 522 | Self-inflicted injuries 3 662 103 | Road traffic injuries 3 281 304 | Hearing loss, adult onset 3 074 066 | Childhood-cluster diseases 25 150 672 |
| 9 | Protein-energy malnutrition 7 696 950 | Lower respiratory infections 1 998 946 | Self-inflicted injuries 4 375 386 | Interpersonal violence 3 615 313 | Trachea, bronchus, lung cancers 3 164 062 | Tuberculosis 2 556 1608 | Cerebrovascular disease 23 071 500 |
| 10 | HIV/AIDS 7 334 631 | Asthma 1 935 636 | Iron-deficiency anaemia 3 273 332 | Chronic obstructive pulmonary diseases 3 109 848 | Cirrhosis of the liver 3 035 649 | Diabetes mellitus 2 428 843 | Tuberculosis 21 829 250 |
| 11 | STD's excluding HIV 2 992 828 | Intestinal nematode infections 1 484 605 | Drug use disorders 3 063 066 | Cerebrovascular disease 2 956 742 | Cataracts 2 218 390 | Stomach cancer 2 094 222 | Malaria 19 237 401 |
| 12 | Falls 2 461 700 | Malaria 1 328 379 | Asthma 2 828 425 | Cirrhosis of the liver 2 743 175 | Diarrhoeal diseases 2 173 752 | Osteoarthritis 1 975 707 | Low birth weight 19 216 691 |
| 13 | Drowning 2 398 779 | Schizophrenia 1 282 941 | War injuries 2 777 668 | Iron-deficiency anaemia 2 381 952 | Meningitis 2 173 752 | Cataracts 1 918 566 | Chronic obstructive pulmonary diseases 18 677 069 |
| 14 | Down syndrome 2 163 374 | War injuries 1 209 826 | Falls 2 438 656 | Falls 2 136 236 | Lower respiratory infections 2 169 521 | Hypertensive heart disease 1 905 664 | Birth asphyxia and birth trauma 18 247 351 |
| 15 | Cirrhosis of the liver 1 756 338 | Fires 1 075 596 | Drowning 2 037 684 | Osteoarthritis 2 074 907 | Diabetes mellitus 2 147 541 | Diarrhoeal diseases 1 680 279 | Alcohol use disorders 15 844 370 |

Table 5. Leading Causes of Death, Females, 2000

| Rank | 0-4 years | 5-14 years | 15-29 years | 30-44 years | 45-59 years | ≥ 60 years | All Ages |
|-------------|--|--|--|--|--|--|---|
| 1 | Lower respiratory Infections 1 039 213 | Childhood cluster diseases 100 134 | HIV/AIDS 529 630 | HIV/AIDS 553 780 | Ischaemic heart disease 307 226 | Ischaemic heart disease 2 874 093 | Ischaemic heart disease 3 268 700 |
| 2 | Diarrhoeal diseases 632 633 | Lower respiratory infections 66 722 | Tuberculosis 108 158 | Tuberculosis 134 449 | Cerebrovascular disease 244 492 | Cerebrovascular disease 2 358 164 | Cerebrovascular disease 2 695 280 |
| 3 | Childhood-cluster diseases 554 088 | Diarrhoeal diseases 50 087 | Self-inflicted injuries 92 703 | Self-inflicted injuries 76 862 | Breast cancer 145 125 | Chronic obstructive pulmonary disease 1 054 613 | Lower respiratory infections 1 782 448 |
| 4 | Low birth weight 496 755 | Malaria 49 098 | Road traffic injuries 69 938 | Ischaemic heart disease 69 687 | Tuberculosis 131 133 | Lower respiratory infections 508 545 | HIV/AIDS 1 443 313 |
| 5 | Malaria 473 377 | Road Traffic injuries 49 086 | Maternal haemorrhage 59 456 | Breast cancer 61 458 | HIV/AIDS 112 323 | Hypertensive heart disease 408 599 | Chronic obstructive pulmonary diseases 1 155 531 |
| 6 | Birth asphyxia and birth trauma 360 009 | Drowning 39 057 | Fires 42 004 | Road traffic injuries 61 136 | Cervix uteri cancer 97 815 | Diabetes mellitus 365 504 | Diarrhoeal diseases 946 138 |
| 7 | HIV/AIDS 204 392 | HIV/AIDS 30 887 | Abortion 38 788 | Cerebrovascular disease 60 115 | Lower respiratory infections 90 583 | Breast cancer 248 362 | Childhood-cluster diseases 692 369 |
| 8 | Congenital heart anomalies 133 593 | Fires 20 703 | Lower respiratory infections 36 571 | Maternal haemorrhage 60 013 | Diarrhoeal diseases 79 897 | Trachea, bronchus, lung cancers 231 207 | Tuberculosis 612 868 |
| 9 | Protein-energy malnutrition 88 492 | Tuberculosis 18 650 | Hypertensive disorders 34 951 | Lower respiratory infections 40 812 | Chronic obstructive pulmonary diseases 74 072 | Colon and rectum cancers 216 756 | Malaria 557 764 |
| 10 | STD's excluding HIV 65 981 | War injuries 13 635 | Maternal sepsis 33 801 | Cirrhosis of the liver 34 576 | Trachea, bronchus, lung cancers 68 948 | Stomach cancer 204 061 | Low birth weight 496 821 |
| 11 | Drowning 47 284 | Tropical-cluster diseases 12 265 | Interpersonal violence 33 457 | Rheumatic heart disease 34 497 | Diabetes mellitus 66 784 | Tuberculosis 193 308 | Hypertensive heart disease 491 480 |
| 12 | Anencephaly 47 177 | Poisonings 11 609 | War injuries 26 250 | Maternal sepsis 34 089 | Cirrhosis of the liver 62 973 | Nephritis and nephrosis 175 199 | Diabetes mellitus 464 793 |
| 13 | Meningitis 35 609 | Interpersonal violence 11 523 | Rheumatic heart disease 25 107 | Cervix uteri cancer 33 745 | Hypertensive heart disease 60 783 | Alzheimer and other dementias 169 091 | Breast cancer 458 392 |
| 14 | Road traffic injuries 33 660 | Self-inflicted injuries 11 513 | Diarrhoeal diseases 23 258 | Nephritis and nephrosis 31 843 | Road traffic injuries 51 895 | Cirrhosis of the liver 152 893 | Birth asphyxia and birth trauma 360 292 |
| 15 | Endocrine disorders 29 635 | Meningitis 10 488 | Poisonings 22 861 | Diarrhoeal diseases 28 455 | Stomach cancers 51 617 | Cervix uteri cancer 134 694 | Road traffic injuries 329 209 |

Table 6. Leading Causes of Burden of Disease, Females, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|---|---|---|---|--|
| <i>1</i> | Lower respiratory infections 36 492 407 | Childhood-cluster diseases 3 834 312 | HIV/AIDS 20 220 342 | HIV/AIDS 15 419 010 | Unipolar depressive disorders 6 774 214 | Ischaemic heart disease 15 232 878 | HIV/AIDS 46 025 843 |
| <i>2</i> | Diarrhoeal diseases 22 412 122 | Unipolar depressive disorders 2 885 367 | Unipolar depressive disorders 13 924 763 | Unipolar depressive disorders 13 308 129 | Ischaemic heart disease 5 631 271 | Cerebrovascular disease 12 883 561 | Lower respiratory infections 45 433 313 |
| <i>3</i> | Meningitis 22 412 122 | Iron-deficiency anaemia 2 842 775 | Schizophrenia 6 072 390 | Tuberculosis 3 929 762 | Cerebrovascular disease 5 467 761 | Chronic obstructive Pulmonary diseases 8 107 600 | Unipolar depressive disorders 39 062 800 |
| <i>4</i> | Childhood-cluster diseases 20 347 496 | Lower respiratory infections 2 764 181 | STD's excluding HIV 5 710 794 | Iron-deficiency anaemia 3 342 411 | Hearing loss, adult onset 3 659 188 | Cirrhosis of the liver 6 284 704 | Diarrhoeal diseases 29 828 161 |
| <i>5</i> | Low birth weight 18 111 088 | Road traffic injuries 2 704 568 | Bipolar disorder 5 705 685 | Hearing loss, adult onset 3 322 733 | Chronic obstructive pulmonary diseases 2 994 762 | Alzheimer and other dementias 5 348 429 | Meningitis 29 828 161 |
| <i>6</i> | Malaria 17 477 761 | Diarrhoeal diseases 2 494 724 | Abortion 5 319 812 | Chronic obstructive pulmonary diseases 2 959 713 | Osteoarthritis 2 877 912 | Diabetes mellitus 3 316 191 | Childhood-cluster diseases 25 229 012 |
| <i>7</i> | Birth asphyxia and birth trauma 15 435 303 | Meningitis 2 494 724 | Obstructed labour 4 939 273 | Osteoarthritis 2 719 229 | Breast cancer 2 656 303 | Osteoarthritis 3 279 157 | Ischaemic heart disease 23 686 783 |
| <i>8</i> | Congenital heart anomalies 7 864 877 | Fires 2 291 309 | Iron-deficiency anaemia 4 861 845 | Cerebrovascular disease 2 339 584 | Cataracts 2 363 054 | Hearing loss, adult onset 2 785 900 | Cerebrovascular disease 22 604 794 |
| <i>9</i> | Protein-energy malnutrition 7 643 547 | Asthma 2 262 055 | Tuberculosis 4 326 423 | Self-inflicted injuries 2 323 349 | Cirrhosis of the liver 2 354 041 | Lower respiratory infections 2 260 543 | Malaria 20 975 556 |
| <i>10</i> | HIV/AIDS 6 998 266 | Migraine 2 217 037 | Maternal sepsis 4 184 287 | Ischaemic heart disease 2 082 195 | Tuberculosis 2 336 770 | Cataracts 2 224 316 | Low birth weight 18 113 483 |
| <i>11</i> | STD's excluding HIV 2 678 248 | Malaria 2 140 439 | Panic disorder 4 044 296 | Road traffic injuries 2 008 499 | Diabetes mellitus 2 184 992 | Unipolar depressive disorders 2 170 325 | Birth asphyxia and birth trauma 15 443 906 |
| <i>12</i> | Falls 2 085 078 | Falls 2 098 416 | Self-inflicted injuries 3 930 069 | Obstructed labour 1 975 871 | HIV/AIDS 2 066 368 | Hypertensive heart disease 2 128 589 | Chronic obstructive pulmonary diseases 15 071 531 |
| <i>13</i> | Cirrhosis of the liver 1 811 002 | Drowning 1 460 960 | Road traffic injuries 3 232 148 | Breast cancer 1 788 782 | Cervix uteri cancer 1 710 727 | Breast cancer 1 805 751 | Iron deficiency anaemia 14 842 895 |
| <i>14</i> | Down syndrome 1 735 445 | Intestinal nematode infections 1 428 326 | Migraine 2 539 454 | Cirrhosis of the liver 1 728 910 | Iron-deficiency anaemia 1 698 898 | Trachea, bronchus, lung cancers 1 553 881 | Cirrhosis of the liver 14 157 359 |
| <i>15</i> | Drowning 1 658 395 | HIV/AIDS 1 211 612 | Maternal haemorrhage 2 209 433 | Maternal haemorrhage 1 650 566 | Lower respiratory infections 1 533 598 | Tuberculosis 1 502 571 | Tuberculosis 13 962 270 |

Table 7. Leading Causes of Death, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|-------------------------------------|---------------------------------------|--|---|---|---|
| 1 | Birth asphyxia and birth trauma 10 112 | Road traffic injuries 4 125 | Road traffic injuries 37 038 | Self-inflicted injuries 32 560 | Ischaemic heart disease 109 057 | Ischaemic heart disease 1 307 798 | Ischaemic heart disease 1 436 817 |
| 2 | Congenital heart anomalies 8 896 | Leukaemia 1 221 | Self-inflicted injuries 20 415 | Road traffic injuries 27 009 | Trachea, bronchus, lung cancers 73 679 | Cerebrovascular disease 799 316 | Cerebrovascular disease 856 642 |
| 3 | Low birth weight 8 764 | Drowning 1 102 | Interpersonal violence 9 800 | Ischaemic heart disease 18 825 | Cerebrovascular disease 43 446 | Trachea, bronchus, lung cancers 368 193 | Trachea, bronchus, lung cancers 451 381 |
| 4 | Road traffic injuries 2 088 | Interpersonal violence 715 | Poisonings 3 504 | HIV/AIDS 15 339 | Cirrhosis of the liver 38 734 | Lower respiratory infections 355 720 | Lower respiratory infections 374 597 |
| 5 | Lower respiratory infections 1 935 | Self-inflicted injuries 654 | Leukaemia 2 697 | Cirrhosis of the liver 14 116 | Breast cancer 36 987 | Chronic obstructive pulmonary diseases 268 615 | Chronic obstructive pulmonary diseases 281 350 |
| 6 | Endocrine disorders 1 403 | Congenital heart anomalies 574 | HIV/AIDS 2 613 | Cerebrovascular disease 11 188 | Self-inflicted injuries 32 046 | Colon and rectum cancers 220 898 | Colon and rectum cancers 257 924 |
| 7 | Drowning 1 221 | Endocrine disorders 558 | Drowning 2 500 | Breast cancer 11 102 | Colon and rectum cancers 31 338 | Diabetes mellitus 165 071 | Diabetes mellitus 188 164 |
| 8 | Interpersonal violence 1 090 | Fires 486 | Drug use disorders 2 307 | Trachea, bronchus, lung cancers 9 201 | Road traffic injuries 21 805 | Alzheimer and other dementias 143 435 | Stomach cancer 158 092 |
| 9 | Meningitis 860 | Lower respiratory infections 432 | Falls 1 923 | Poisonings 8 758 | Stomach cancer 20 871 | Stomach cancer 131 802 | Breast cancer 156 767 |
| 10 | Cerebrovascular disease 685 | Cerebrovascular disease 289 | Cerebrovascular disease 1 715 | Interpersonal violence 8 043 | Diabetes mellitus 17 810 | Prostate cancer 118 208 | Alzheimer and other dementias 145 506 |
| 11 | Leukaemia 625 | Falls 272 | Lymphomas, multiple myeloma 1 616 | Colon and rectum cancers 5 168 | Liver cancer 16 558 | Hypertensive heart disease 113 913 | Hypertensive heart disease 125 711 |
| 12 | Inflammatory heart diseases 617 | Asthma 247 | Endocrine disorders 1 495 | Alcohol use disorders 5 001 | Lymphomas, multiple myeloma 15 653 | Breast cancer 108 341 | Road traffic injuries 125 018 |
| 13 | Fires 585 | Inflammatory heart diseases 243 | Lower respiratory infections 1 299 | Stomach cancer 4 915 | Pancreas cancer 14 817 | Lymphomas, multiple myeloma 91 448 | Self-inflicted injuries 122 446 |
| 14 | Down syndrome 558 | Lymphomas, multiple myeloma 240 | Inflammatory heart diseases 1 295 | Lymphomas, multiple myeloma 4 748 | Mouth and oropharynx cancers 11 890 | Pancreas cancer 89 088 | Prostate cancer 122 034 |
| 15 | Diarrhoeal diseases 556 | Epilepsy 221 | Congenital heart anomalies 1 123 | Diabetes mellitus 4 516 | Oesophagus cancer 11 665 | Nephritis and nephrosis 88 809 | Cirrhosis of the liver 121 999 |

Table 8. Leading Causes of Burden of Disease, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|---|---|---|
| 1 | Congenital heart anomalies 809 116 | Unipolar depressive disorders 609 979 | Unipolar depressive disorders 3 507 977 | Unipolar depressive disorders 3 589 424 | Unipolar depressive disorders 1 980 188 | Ischaemic heart disease 5 458 664 | Unipolar depressive disorders 10 321 220 |
| 2 | Birth asphyxia and birth trauma 462 067 | Asthma 579 369 | Alcohol use disorders 3 229 367 | Alcohol use disorders 2 226 641 | Ischaemic heart disease 1 856 006 | Alzheimer and other dementias 4 593 717 | Ischaemic heart disease 7 933 532 |
| 3 | Low birth weight 319 270 | Migraine 328 325 | Road traffic injuries 1 698 528 | Road traffic injuries 917 420 | Cerebrovascular disease 1 259 922 | Cerebrovascular disease 3 797 597 | Alcohol use disorders 6 335 708 |
| 4 | Asthma 199 232 | Road traffic injuries 259 402 | Bipolar disorder 1 222 837 | Self-inflicted injuries 858 056 | Trachea, bronchus, lung cancers 1 136 802 | Trachea, bronchus, lung cancers 2 205 633 | Cerebrovascular disease 5 782 775 |
| 5 | Down syndrome 179 868 | Schizophrenia 250 613 | Schizophrenia 1 077 249 | Hearing loss, adult onset 743 490 | Hearing loss, adult onset 1 064 100 | Chronic obstructive pulmonary diseases 2 152 958 | Alzheimer and other dementias 5 035 463 |
| 6 | Falls 168 353 | Falls 156 484 | Drug use disorders 988 944 | Cerebrovascular disease 550 908 | Osteoarthritis 928 500 | Osteoarthritis 1 831 185 | Road traffic injuries 3 646 513 |
| 7 | Endocrine disorders 162 882 | Dental caries 151 418 | Migraine 958 129 | Ischaemic heart disease 536 628 | Diabetes mellitus 820 761 | Colon and rectum cancers 1 313 946 | Trachea, bronchus, lung cancers 3 571 286 |
| 8 | Childhood-cluster diseases 151 088 | Iron-deficiency anaemia 143 393 | Self-inflicted injuries 727 459 | Drug use disorders 526 322 | Cirrhosis of the liver 791 050 | Diabetes mellitus 1 312 668 | Osteoarthritis 3 231 677 |
| 9 | Diarrhoeal diseases 97 478 | Epilepsy 121 496 | Asthma 702 033 | HIV/AIDS 494 737 | Breast cancer 736 455 | Lower respiratory infections 1 008 082 | Chronic obstructive pulmonary diseases 2 986 888 |
| 10 | Road traffic injuries 94 478 | Endocrine disorders 91 543 | Panic disorder 666 007 | Diabetes mellitus 486 036 | Alcohol use disorders 725 990 | Hearing loss, adult onset 925 175 | Hearing loss, adult onset 2 960 083 |
| 11 | Lower respiratory infections 92 681 | Otitis media 73 537 | Interpersonal violence 391 190 | Osteoarthritis 429 531 | Colon and rectum cancers 587 460 | Breast cancer 728 620 | Diabetes mellitus 2 821 056 |
| 12 | Protein-energy malnutrition 72 864 | Bipolar disorder 52 736 | Obsessive-compulsive disorder 311 344 | Breast cancer 387 706 | Chronic obstructive pulmonary diseases 560 008 | Stomach cancer 717 888 | Self-inflicted injuries 2 365 531 |
| 13 | Spina bifida 65 832 | Rheumatoid arthritis 41 159 | Falls 266 608 | Cirrhosis of the liver 370 055 | Self-inflicted injuries 532 860 | Unipolar depressive disorders 633 653 | Colon and rectum cancers 2 068 524 |
| 14 | Meningitis 61 018 | Drowning 41 132 | Iron deficiency anaemia 240 663 | Falls 337 255 | Road traffic injuries 449 274 | Prostate cancer 604 014 | Asthma 1 925 265 |
| 15 | Mental retardation, lead-caused 60 502 | Alcohol use disorders 38 956 | Hearing loss, adult onset 227 664 | Endocrine disorders 321 040 | Alzheimer and other dementias 420 544 | Cirrhosis of the liver 513 865 | Breast cancer 1 867 823 |

Table 9. Leading Causes of Death, High-Income Countries, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--------------------------------------|--------------------------------------|--|---|---|---|
| 1 | Birth asphyxia and birth trauma 5 947 | Road traffic injuries 2 617 | Road traffic injuries 28 530 | Self-inflicted injuries 25 220 | Ischaemic heart disease 87 276 | Ischaemic heart disease 644 807 | Ischaemic heart disease 748 347 |
| 2 | Congenital heart anomalies 5 005 | Drowning 857 | Self-inflicted injuries 16 144 | Road traffic injuries 20 666 | Trachea, bronchus, lung cancers 52 645 | Cerebrovascular disease 316 886 | Cerebrovascular disease 352 229 |
| 3 | Low birth weight 4 975 | Leukaemia 765 | Interpersonal violence 8 005 | Ischaemic heart disease 15 398 | Cirrhosis of the liver 29 700 | Trachea, bronchus, lung cancers 257 338 | Trachea, bronchus, lung cancers 316 088 |
| 4 | Road traffic injuries 1 206 | Self-inflicted injuries 453 | Poisonings 2 755 | HIV/AIDS 12 003 | Cerebrovascular disease 27 247 | Lower respiratory infections 159 397 | Lower respiratory infections 171 523 |
| 5 | Lower respiratory infections 1 105 | Interpersonal violence 406 | Drowning 2 222 | Cirrhosis of the liver 10 771 | Self-inflicted injuries 24 164 | Chronic obstructive pulmonary diseases 158 137 | Chronic obstructive pulmonary diseases 165 965 |
| 6 | Drowning 824 | Congenital heart anomalies 334 | Drug use disorders 1 904 | Poisonings 6 640 | Colon and rectum cancers 18 778 | Prostate cancer 118 208 | Colon and rectum cancers 131 819 |
| 7 | Endocrine disorders 786 | Endocrine disorders 279 | HIV/AIDS 1 790 | Cerebrovascular disease 6 583 | Road traffic injuries 15 955 | Colon and rectum cancers 109 914 | Prostate cancer 122 034 |
| 8 | Interpersonal violence 612 | Fires 267 | Leukaemia 1 672 | Trachea, bronchus, lung cancers 5 903 | Stomach cancer 14 328 | Stomach cancer 78 924 | Stomach cancer 96 165 |
| 9 | Meningitis 516 | Lower respiratory infections 214 | Falls 1 573 | Interpersonal violence 5 865 | Liver cancer 13 475 | Diabetes mellitus 67 986 | Self-inflicted injuries 91 488 |
| 10 | Renal agenesis 388 | Falls 195 | Lymphomas, multiple myeloma 1 061 | Alcohol use disorders 4 003 | Diabetes mellitus 11 175 | Liver cancer 51 573 | Road traffic injuries 88 978 |
| 11 | Cerebrovascular disease 379 | Lymphomas, multiple myeloma 162 | Cerebrovascular disease 979 | Lymphomas, multiple myeloma 3 193 | Oesophagus cancer 10 114 | Lymphomas, multiple Myeloma 45 317 | Cirrhosis of the liver 83 548 |
| 12 | Fires 365 | Cerebrovascular disease 153 | Inflammatory heart diseases 944 | Falls 3 135 | Mouth and oropharynx cancers 10 084 | Alzheimer and other dementias 44 698 | Diabetes mellitus 82 547 |
| 13 | Leukaemia 337 | Asthma 152 | Endocrine disorders 852 | Inflammatory heart diseases 3 111 | Lymphomas, multiple myeloma 9 863 | Pancreas cancer 42 731 | Liver cancer 67 469 |
| 14 | Inflammatory heart disease 323 | Inflammatory heart diseases 141 | Ischaemic heart disease 843 | Diabetes mellitus 2 962 | Pancreas cancer 9 591 | Cirrhosis of the liver 42 700 | Lymphomas, multiple myeloma 59 649 |
| 15 | Diarrhoeal diseases 318 | Alzheimer and other dementias 131 | Lower respiratory infections 779 | Colon rectum cancer 2 820 | Inflammatory heart diseases 7 583 | Nephritis and nephrosis 41 028 | Pancreas cancer 53 635 |

Table 10. Leading Causes of Burden of Diseases, High-Income Countries, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|---|---|--|
| <i>1</i> | Congenital heart anomalies 427 774 | Unipolar depressive disorders 313 396 | Alcohol use disorders 2 531 708 | Alcohol use disorders 1 787 054 | Ischaemic heart disease 1 442 608 | Ischaemic heart disease 3 073 836 | Alcohol use disorders 5 029 538 |
| <i>2</i> | Birth asphyxia and birth trauma 261 591 | Asthma 256 636 | Unipolar depressive disorders 1 303 979 | Unipolar depressive disorders 1 328 875 | Trachea, bronchus, lung cancers 799 416 | Alzheimer and other dementias 1 845 174 | Ischaemic heart disease 4 982 555 |
| <i>3</i> | Low birth weight 179 228 | Schizophrenia 165 838 | Road traffic injuries 1 273 920 | Road traffic injuries 693 588 | Cerebrovascular disease 717 896 | Cerebrovascular disease 1 711 451 | Unipolar depressive disorders 3 871 983 |
| <i>4</i> | Falls 110 003 | Road traffic injuries 165 459 | Drug use disorders 761 460 | Self-inflicted injuries 647 885 | Unipolar depressive disorders 696 810 | Trachea, bronchus, lung cancers 1 536 308 | Cerebrovascular disease 2 817 523 |
| <i>5</i> | Asthma 108 650 | Migraine 129 977 | Bipolar disorder 620 246 | Hearing loss, adult onset 425 765 | Hearing loss, adult onset 626 919 | Chronic obstructive pulmonary diseases 1 285 505 | Road traffic injuries 2 648 815 |
| <i>6</i> | Down syndrome 97 741 | Falls 96 278 | Self-inflicted injuries 553 671 | Ischaemic heart disease 422 004 | Cirrhosis of the liver 594 733 | Colon and rectum cancers 709 422 | Trachea, bronchus, lung cancers 2 481 133 |
| <i>7</i> | Endocrine disorders 82 586 | Dental caries 77 652 | Schizophrenia 541 955 | Drug use disorders 398 838 | Alcohol use disorders 591 347 | Prostate cancer 604 014 | Alzheimer and other dementias 2 014 589 |
| <i>8</i> | Childhood-cluster diseases 75 659 | Iron Deficiency anaemia 74 397 | Asthma 405 735 | HIV/AIDS 390 495 | Diabetes mellitus 448 102 | Osteoarthritis 601 929 | Chronic obstructive pulmonary disease 1 780 241 |
| <i>9</i> | Road traffic injuries 54 119 | Epilepsy 64 379 | Interpersonal violence 319 519 | Cerebrovascular disease 298 820 | Osteoarthritis 400 460 | Diabetes mellitus 581 397 | Self-inflicted injuries 1 765 076 |
| <i>10</i> | Lower respiratory infections 51 432 | Endocrine disorders 49 598 | Panic disorder 218 690 | Cirrhosis of the liver 279 568 | Self-inflicted injuries 393 438 | Lower respiratory infections 508 049 | Hearing loss, adult onset 1 626 408 |
| <i>11</i> | Diarrhoeal diseases 51 154 | Otitis media 37 760 | Migraine 211 903 | Diabetes mellitus 267 325 | Colon and rectum cancers 351 986 | Stomach cancer 456 509 | Diabetes mellitus 1 415 264 |
| <i>12</i> | Protein-energy malnutrition 37 694 | Drowning 31 951 | Falls 188 836 | Falls 232 833 | Chronic obstructive pulmonary diseases 334 367 | Hearing loss, adult onset 449 911 | Osteoarthritis 1 249 846 |
| <i>13</i> | Meningitis 33 797 | Alcohol disorder 29 920 | HIV/AIDS 135 283 | Osteoarthritis 221 901 | Road traffic injuries 323 906 | Cirrhosis of the liver 330 234 | Drug use disorders 1 240 916 |
| <i>14</i> | Spinal bifida 31 554 | Bipolar disorder 29 656 | Obsessive-compulsive disorder 134 680 | Gout 189 387 | Stomach cancer 227 112 | Liver cancer 327 707 | Cirrhosis of the liver 1 231 911 |
| <i>15</i> | Mental retardation, lead-caused 30 828 | Fires 21 856 | Hearing loss, adult onset 123 848 | Interpersonal violence 176 022 | Liver cancer 205 871 | Lymphomas, multiple myeloma 257 061 | Colon and rectum cancers 1 153 763 |

Table 11. Leading Causes of Death, High-Income Countries, Females, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|-------------------------------------|-------------------------------------|--|---|---|---|
| 1 | Birth asphyxia and birth trauma 4 165 | Road traffic injuries 1 507 | Road traffic injuries 8 507 | Breast cancer 11 085 | Breast cancer 36 926 | Ischaemic heart disease 662 991 | Ischaemic heart disease 688 469 |
| 2 | Congenital heart anomalies 3 891 | Leukaemia 455 | Self-inflicted injuries 4 271 | Self-inflicted injuries 7 339 | Ischaemic heart disease 21 780 | Cerebrovascular disease 482 430 | Cerebrovascular disease 504 413 |
| 3 | Low birth weight 3 789 | Interpersonal violence 309 | Interpersonal violence 1 794 | Road traffic injuries 6 343 | Trachea, bronchus, lung cancers 21 033 | Lower respiratory infections 196 322 | Lower respiratory infections 203 074 |
| 4 | Road traffic injuries 881 | Endocrine disorders 279 | Leukaemia 1 025 | Cerebrovascular disease 4 605 | Cerebrovascular disease 16 199 | Colon and rectum cancers 110 984 | Breast cancer 156 353 |
| 5 | Lower respiratory infections 829 | Drowning 245 | HIV/AIDS 822 | Ischaemic heart disease 3 426 | Colon and rectum cancers 12 560 | Trachea, bronchus, lung cancers 110 854 | Trachea, bronchus, lung cancers 135 292 |
| 6 | Endocrine disorders 617 | Congenital heart anomalies 240 | Poisonings 749 | Cirrhosis of the liver 3 344 | Ovary cancer 9 291 | Chronic obstructive pulmonary diseases 110 477 | Colon and rectum cancers 126 105 |
| 7 | Interpersonal violence 477 | Lower respiratory infections 218 | Cerebrovascular disease 735 | HIV/AIDS 3 335 | Cirrhosis of the liver 9 034 | Breast cancer 108 005 | Chronic obstructive pulmonary diseases 115 384 |
| 8 | Drowning 397 | Fires 218 | Endocrine disorders 643 | Trachea, bronchus, lung cancers 3 298 | Self-inflicted injuries 7 881 | Alzheimer and other dementias 98 736 | Diabetes mellitus 105 617 |
| 9 | Meningitis 344 | Self-inflicted injuries 201 | Lymphomas, multiple myeloma 554 | Cervix uteri cancer 2 736 | Diabetes mellitus 6 634 | Diabetes mellitus 97 084 | Alzheimer and other dementias 99 637 |
| 10 | Cerebrovascular disease 306 | Cerebrovascular disease 136 | Lower respiratory infections 520 | Colon and rectum cancers 2 348 | Stomach cancer 6 543 | Hypertensive heart disease 73 461 | Hypertensive heart disease 77 246 |
| 11 | Inflammatory heart diseases 293 | Epilepsy 104 | Congenital heart anomalies 432 | Stomach cancer 2 235 | Road traffic injuries 5 849 | Stomach cancer 52 877 | Stomach cancer 61 926 |
| 12 | Leukaemia 288 | Inflammatory heart disease 101 | Drug use disorders 402 | Interpersonal violence 2 178 | Lymphomas, multiple myeloma 5 789 | Nephritis and nephrosis 47 780 | Lymphomas, multiple myeloma 54 148 |
| 13 | Anencephaly 273 | Asthma 95 | Epilepsy 387 | Poisonings 2 117 | Pancreas cancer 5 226 | Pancreas cancer 46 356 | Pancreas cancer 52 304 |
| 14 | Down syndrome 262 | Lymphomas, multiple myeloma 77 | Inflammatory heart diseases 351 | Ovary cancer 1 820 | Cervix uteri cancer 4 535 | Lymphomas, multiple myeloma 46 131 | Nephritis and nephrosis 50 647 |
| 15 | Diarrhoeal diseases 238 | Falls 76 | Falls 349 | Leukaemia 1 723 | Chronic obstructive pulmonary diseases 4 466 | Falls 38 303 | Ovary cancer 45 837 |

Table 12. Leading Causes of Burden of Disease, High-Income Countries, Females, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|--|--|---|---|---|
| <i>1</i> | Congenital heart anomalies 381 342 | Asthma 322 733 | Unipolar depressive disorders 2 203 997 | Unipolar depressive disorders 2 260 549 | Unipolar depressive disorders 1 283 378 | Alzheimer and other dementias 2 748 544 | Unipolar depressive disorders 6 449 237 |
| <i>2</i> | Birth asphyxia and birth trauma 200 476 | Unipolar depressive disorders 296 584 | Migraine 746 226 | Alcohol use disorders 439 587 | Breast cancer 736 284 | Ischaemic heart disease 2 384 828 | Alzheimer and other dementias 3 020 874 |
| <i>3</i> | Low birth weight 140 041 | Migraine 198 348 | Alcohol use disorders 697 659 | Breast cancer 387 440 | Cerebrovascular disease 542 026 | Cerebrovascular disease 2 086 146 | Cerebrovascular disease 2 965 252 |
| <i>4</i> | Asthma 90 582 | Road traffic injuries 93 944 | Bipolar disorder 602 591 | Hearing loss, adult onset 317 725 | Osteoarthritis 528 040 | Osteoarthritis 1 229 256 | Ischaemic heart disease 2 950 977 |
| <i>5</i> | Down syndrome 82 126 | Schizophrenia 84 776 | Schizophrenia 535 294 | Cerebrovascular disease 252 089 | Hearing loss, adult onset 437 181 | Chronic obstructive pulmonary diseases 867 453 | Osteoarthritis 1 981 831 |
| <i>6</i> | Endocrine disorders 80 296 | Dental carries 73 766 | Panic disorder 447 317 | Road traffic injuries 223 833 | Ischaemic heart disease 413 399 | Diabetes mellitus 731 271 | Breast cancer 1 867 013 |
| <i>7</i> | Childhood-cluster diseases 75 429 | Iron-deficiency anaemia 68 995 | Road traffic injuries 424 608 | Diabetes mellitus 218 710 | Diabetes mellitus 372 660 | Breast cancer 728 204 | Diabetes mellitus 1 405 971 |
| <i>8</i> | Falls 58 350 | Falls 60 207 | Asthma 296 298 | Self-inflicted injuries 210 171 | Trachea, bronchus, lung cancers 337 386 | Trachea, bronchus, lung cancers 669 325 | Hearing loss, adult onset 1 333 675 |
| <i>9</i> | Diarrhoeal diseases 46 324 | Epilepsy 57 117 | Drug use disorders 227 484 | Osteoarthritis 207 630 | Alzheimer and other dementias 265 514 | Colon and rectum cancers 604 524 | Alcohol use disorders 1 306 170 |
| <i>10</i> | Lower respiratory infections 41 250 | Endocrine disorders 41 945 | Obsessive-compulsive disorder 176 663 | Endocrine disorders 176 263 | Endocrine disorders 238 551 | Lower respiratory infections 500 033 | Chronic obstructive pulmonary diseases 1 206 647 |
| <i>11</i> | Road traffic injuries 40 240 | Otitis media 35 777 | Self-inflicted injuries 173 788 | Iron-deficiency anaemia 161 995 | Colon and rectum cancers 235 474 | Hearing loss, adult onset 475 265 | Trachea, bronchus, lung cancers 1 090 153 |
| <i>12</i> | Protein-energy malnutrition 35 169 | Rheumatoid arthritis 30 299 | Post-traumatic stress disorder 162 707 | Insomnia 131 224 | Chronic obstructive pulmonary diseases 225 641 | Unipolar depressive disorders 404 729 | Migraine 1 062 216 |
| <i>13</i> | Spina bifida 34 278 | Bipolar disorder 23 081 | Iron-deficiency anaemia 159 477 | Drug use disorders 127 484 | Cirrhosis of the liver 196 317 | Stomach cancer 261 379 | Road traffic injuries 997 697 |
| <i>14</i> | Maternal retardation, lead-caused 29 674 | Low back pain 15 784 | STD's excluding HIV 149 186 | Rheumatic arthritis 123 652 | Rheumatic arthritis 192 727 | Lymphomas, multiple myeloma 248 050 | Colon and rectum cancers 914 761 |
| <i>15</i> | Meningitis 27 221 | Lower respiratory infections 15 007 | Obstructed labour 139 248 | Obsessive-compulsive disorder 115 281 | Ovary cancer 160 173 | Parkinson's disease 239 867 | Asthma 901 417 |

Table 13. Leading Causes of Death, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|--|--|---|---|---|
| 1 | Lower respiratory infections 2 132 313 | Childhood-cluster diseases 200 131 | HIV/AIDS 852 793 | HIV/AIDS 1 233 709 | Ischaemic heart disease 822 209 | Ischaemic heart diseases 4 386 697 | Ischaemic heart disease 5 458 209 |
| 2 | Diarrhoeal diseases 1 314 855 | Road traffic injuries 114 087 | Road traffic injuries 317 654 | Tuberculosis 367 440 | Cerebrovascular disease 529 618 | Cerebrovascular disease 3 513 060 | Cerebrovascular disease 4 244 979 |
| 3 | Childhood-cluster diseases 1 108 602 | Drowning 112 512 | Tuberculosis 237 757 | Road traffic injuries 275 912 | Tuberculosis 411 675 | Chronic obstructive pulmonary diseases 2 017 219 | Lower respiratory infections 3 491 737 |
| 4 | Low birth weight 1 017 391 | Lower respiratory infections 112 307 | Self-inflicted injuries 196 246 | Ischaemic heart disease 206 161 | HIV/AIDS 326 868 | Lower respiratory infections 869 923 | HIV/AIDS 2 917 259 |
| 5 | Malaria 905 836 | Diarrhoeal diseases 88 411 | Interpersonal violence 178 651 | Self-inflicted injuries 182 702 | Lower respiratory infections 215 042 | Hypertensive heart disease 640 583 | Chronic obstructive pulmonary diseases 2 241 676 |
| 6 | Birth asphyxia and birth trauma 777 066 | Malaria 76 257 | War 94 979 | Interpersonal violence 138 707 | Diarrhoeal diseases 210 806 | Tuberculosis 522 594 | Diarrhoeal diseases 2 119 168 |
| 7 | HIV/AIDS 419 362 | HIV/AIDS 45 897 | Drowning 76 139 | Cerebrovascular disease 134 776 | Trachea, bronchus, lung cancers 202 216 | Trachea, bronchus, lung cancers 518 599 | Tuberculosis 1 643 151 |
| 8 | Congenital heart anomalies 272 855 | War 43 649 | Lower respiratory infections 63 854 | Cirrhosis of the liver 120 955 | Road traffic injuries 190 234 | Diabetes mellitus 447 654 | Childhood-cluster diseases 1 385 028 |
| 9 | Protein-energy malnutrition 172 545 | Tuberculosis 36 350 | Fires 60 518 | Lower respiratory infections 98 283 | Cirrhosis of the liver 188 241 | Stomach cancer 397 660 | Road traffic injuries 1 134 971 |
| 10 | STD's excluding HIV 142 194 | Tropical-cluster diseases 31 843 | Maternal haemorrhage 59 411 | Liver cancer 81 503 | Chronic obstructive pulmonary diseases 169 945 | Diarrhoeal diseases 396 733 | Malaria 1 079 757 |
| 11 | Drowning 114 700 | Fires 30 113 | Poisonings 58 361 | War injuries 72 271 | Liver cancer 163 705 | Cirrhosis of the liver 317 265 | Low birth weight 1 016 839 |
| 12 | Anencephaly 84 738 | Interpersonal violence 23 953 | Rheumatic heart disease 47 919 | Nephritis and nephrosis 70 138 | Stomach cancer 139 269 | Nephritis and nephrosis 268 266 | Hypertensive heart disease 815 107 |
| 13 | Meningitis 76 009 | Poisonings 23 193 | Leukaemia 42 042 | Poisonings 69 302 | Self-inflicted injuries 133 366 | Liver cancer 262 458 | Birth asphyxia and birth trauma 777 650 |
| 14 | Road traffic injuries 73 622 | Leukaemia 22 587 | Nephritis and nephrosis 40 993 | Diarrhoeal diseases 68 003 | Hypertensive heart disease 126 576 | Oesophagus cancer 240 143 | Trachea, bronchus, lung cancers 761 423 |
| 15 | Tuberculosis 67 335 | Self-inflicted injuries 21 313 | Diarrhoeal diseases 40 360 | Maternal haemorrhage 59 925 | Diabetes mellitus 111 617 | Colon and rectum cancers 221 062 | Self-inflicted injuries 692 331 |

Table 14. Leading Causes of Burden of Disease, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|---|---|---|--|--|
| 1 | Lower respiratory infections 74 837 452 | Childhood-cluster diseases 7 646 780 | HIV/AIDS 33 212 491 | HIV/AIDS 33 986 427 | Ischaemic heart disease 14 180 196 | Ischaemic heart disease 26 182 404 | Lower respiratory infections 92 740 136 |
| 2 | Meningitis 46 289 042 | Road traffic injuries 6 228 559 | Unipolar depressive disorders 20 296 409 | Unipolar depressive disorders 17 795 904 | Cerebrovascular disease 10 681 644 | Cerebrovascular disease 20 664 237 | HIV/AIDS 89 568 605 |
| 3 | Diarrhoeal diseases 46 252 581 | Iron-deficiency anaemia 5 639 275 | Road traffic injuries 13 925 489 | Tuberculosis 10 687 062 | Unipolar depressive disorders 8 603 950 | Chronic obstructive pulmonary diseases 16 331 970 | Meningitis 62 097 457 |
| 4 | Childhood-cluster diseases 40 484 354 | Unipolar depressive disorders 5 330 212 | Schizophrenia 10 878 036 | Road traffic injuries 9 250 326 | Hearing loss, adult onset 7 875 832 | Cirrhosis of the liver 10 932 522 | Diarrhoeal diseases 61 915 332 |
| 5 | Low birth weight 37 007 583 | Falls 5 110 188 | Bipolar disorder 10 302 001 | Hearing loss, adult onset 6 513 135 | Tuberculosis 7 235 748 | Hearing loss, adult onset 4 934 791 | Unipolar depressive disorders 54 642 224 |
| 6 | Malaria 33 502 414 | Lower respiratory infections 4 732 843 | Tuberculosis 9 612 477 | Chronic obstructive pulmonary diseases 5 850 453 | Chronic obstructive pulmonary diseases 6 667 540 | Lower respiratory infections 4 852 057 | Childhood-cluster diseases 50 221 059 |
| 7 | Birth asphyxia and birth trauma 33 208 823 | Meningitis 4 564 336 | Iron-deficiency anaemia 7 894 514 | Ischaemic heart disease 5 703 885 | HIV/AIDS 5 870 977 | Diabetes mellitus 4 432 367 | Ischaemic heart disease 47 750 784 |
| 8 | Congenital heart anomalies 15 514 179 | Diarrhoeal diseases 4 549 648 | Self-inflicted injuries 7 577 997 | Iron-deficiency anaemia 5 485 198 | Cirrhosis of the liver 4 598 641 | Alzheimer and other dementias 4 422 309 | Malaria 40 207 191 |
| 9 | Protein-energy malnutrition 15 267 634 | Drowning 4 197 649 | STD's excluding HIV 7 161 154 | Self-inflicted injuries 5 127 397 | Cataracts 4 536 745 | Cataracts 4 094 368 | Cerebrovascular disease 39 893 520 |
| 10 | HIV/AIDS 14 328 300 | Asthma 3 618 323 | Interpersonal violence 7 133 980 | Cerebrovascular disease 4 745 418 | Osteoarthritis 3 944 772 | Tuberculosis 3 982 216 | Road traffic injuries 37 587 585 |
| 11 | STD's excluding HIV 5 670 486 | Malaria 3 467 634 | Alcohol use disorders 6 505 571 | Osteoarthritis 4 364 605 | Road traffic injuries 3 930 825 | Trachea, bronchus, lung cancers 3 687 566 | Low birth weight 37 010 857 |
| 12 | Falls 4 378 426 | Fires 3 330 309 | Panic disorders 5 404 444 | Interpersonal violence 4 170 643 | Meningitis 3 642 457 | Hypertensive heart disease 3 650 069 | Tuberculosis 35 590 490 |
| 13 | Drowning 4 014 397 | Intestinal nematode infections 2 882 109 | Abortion 5 309 625 | Cirrhosis of the liver 4 102 030 | Diarrhoeal diseases 3 617 746 | Osteoarthritis 3 423 680 | Birth asphyxia and birth trauma 33 227 596 |
| 14 | Down syndrome 3 718 952 | Migraine 2 679 352 | Obstructed labour 4 800 026 | Alcohol use disorders 4 007 263 | Lower respiratory infections 3 515 206 | Meningitis 2 662 164 | Chronic obstructive pulmonary diseases 30 761 712 |
| 15 | Cirrhosis of the liver 3 566 410 | War 1 845 327 | Maternal sepsis 4 153 239 | Falls 3 019 687 | Diabetes mellitus 3 511 773 | Stomach cancer 2 641 553 | Cirrhosis of the liver 27 282 784 |

Table 15. Leading Causes of Death, Low- and Middle-Income Countries, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|---|---|---|
| 1 | Lower respiratory infections 1 093 930 | Childhood-cluster diseases 99 999 | HIV/AIDS 323 985 | HIV/AIDS 683 264 | Ischaemic heart disease 536 764 | Ischaemic heart disease 2 175 596 | Ischaemic heart disease 2 877 009 |
| 2 | Diarrhoeal diseases 682 460 | Drowning 73 699 | Road traffic injuries 256 223 | Tuberculosis 233 252 | Cerebrovascular disease 301 326 | Cerebrovascular disease 1 637 326 | Cerebrovascular disease 2 053 937 |
| 3 | Childhood-cluster diseases 554 531 | Road traffic injuries 66 509 | Interpersonal violence 146 988 | Road traffic injuries 221 119 | Tuberculosis 280 950 | Chronic obstructive pulmonary diseases 1 073 084 | Lower respiratory infections 1 912 350 |
| 4 | Low birth weight 523 757 | Lower respiratory infections 45 803 | Tuberculosis 129 733 | Ischaemic heart disease 139 901 | HIV/AIDS 215 499 | Lower respiratory infections 557 701 | HIV/AIDS 1 479 441 |
| 5 | Malaria 432 459 | War 30 022 | Self-inflicted injuries 107 814 | Interpersonal violence 114 139 | Trachea, bronchus, lung cancers 154 301 | Trachea, bronchus, lung cancers 398 242 | Chronic obstructive pulmonary diseases 1 201 486 |
| 6 | Birth asphyxia and birth trauma 421 223 | Malaria 27 159 | War 68 734 | Self-inflicted injuries 113 179 | Road traffic injuries 144 189 | Tuberculosis 334 123 | Diarrhoeal diseases 1 175 844 |
| 7 | HIV/AIDS 215 022 | Tropical-cluster diseases 19 578 | Drowning 57 847 | Cirrhosis of the liver 89 724 | Cirrhosis of the liver 134 301 | Hypertensive heart disease 306 445 | Tuberculosis 1 035 950 |
| 8 | Congenital heart anomalies 143 153 | Tuberculosis 17 707 | Poisonings 36 240 | Cerebrovascular disease 79 266 | Diarrhoeal diseases 130 977 | Diarrhoeal diseases 267 385 | Road traffic injuries 841 651 |
| 9 | Protein-energy malnutrition 84 018 | HIV/AIDS 15 072 | Lower respiratory infections 27 803 | Liver cancer 60 170 | Lower respiratory infections 128 124 | Stomach cancer 246 476 | Childhood-cluster diseases 692 856 |
| 10 | STD's excluding HIV 76 190 | Leukaemia 13 267 | Cirrhosis of the liver 27 284 | Lower respiratory infections 58 989 | Liver cancer 122 001 | Cirrhosis of the liver 190 292 | Trachea, bronchus, lung cancers 578 957 |
| 11 | Drowning 67 812 | Interpersonal violence 12 739 | Ischaemic heart disease 23 034 | War injuries 58 340 | Chronic obstructive pulmonary diseases 100 339 | Diabetes mellitus 179 235 | Low birth weight 523 786 |
| 12 | Road traffic injuries 40 843 | Poisonings 11 623 | Rheumatic heart disease 22 881 | Poisonings 49 976 | Stomach cancer 94 195 | Liver cancer 171 196 | Malaria 522 025 |
| 13 | Meningitis 40 744 | Congenital heart abnormalities 10 815 | Leukaemia 22 756 | Diarrhoeal diseases 39 579 | Self-inflicted injuries 90 768 | Oesophagus cancer 152 512 | Cirrhosis of the liver 447 527 |
| 14 | Tuberculosis 40 185 | Self-inflicted injuries 10 001 | Nephritis and nephrosis 22 225 | Nephritis and nephrosis 38 865 | Mouth and oropharynx cancers 78 096 | Nephritis and nephrosis 140 847 | Birth asphyxia and birth trauma 421 552 |
| 15 | Anencephaly 37 833 | Fires 9 628 | Falls 20 605 | Drowning 38 574 | Hypertensive heart disease 68 796 | Prostate cancer 126 396 | Self-inflicted injuries 417 916 |

Table 16. Leading Causes of Burden of Disease, Low- and Middle-Income Countries, Males, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|--|---|---|---|--|
| <i>1</i> | Lower respiratory infections 38 386 294 | Childhood-cluster diseases 3 813 670 | HIV/AIDS 13 041 745 | HIV/AIDS 18 671 658 | Ischaemic heart disease 8 962 323 | Ischaemic heart disease 13 334 353 | Lower respiratory infections 47 991 470 |
| <i>2</i> | Meningitis 23 904 140 | Road traffic injuries 3 617 934 | Road traffic injuries 11 117 949 | Road traffic injuries 7 465 659 | Cerebrovascular disease 5 755 907 | Cerebrovascular disease 9 866 822 | HIV/AIDS 43 723 095 |
| <i>3</i> | Diarrhoeal diseases 23 886 783 | Falls 3 071 978 | Unipolar depressive disorders 8 575 643 | Tuberculosis 6 770 387 | Tuberculosis 4 908 925 | Chronic obstructive pulmonary diseases 9 091 823 | Meningitis 32 328 401 |
| <i>4</i> | Childhood-cluster diseases 20 212 287 | Iron-deficiency anaemia 2 865 496 | Interpersonal violence 5 857 291 | Unipolar depressive disorders 6 748 324 | Hearing loss, adult onset 4 653 825 | Cirrhosis of the liver 4 831 448 | Diarrhoeal diseases 32 240 404 |
| <i>5</i> | Low birth weight 19 036 536 | Drowning 2 745 869 | Alcohol use disorders 5 770 170 | Ischaemic heart disease 3 736 313 | Chronic obstructive pulmonary diseases 3 898 419 | Lower respiratory infections 3 091 546 | Road traffic injuries 27 683 712 |
| <i>6</i> | Birth asphyxia and birth trauma 17 973 996 | Unipolar depressive disorders 2 741 428 | Schizophrenia 5 340 940 | Alcohol use disorders 3 606 357 | HIV/AIDS 3 823 604 | Trachea, bronchus, lung cancers 2 803 010 | Ischaemic heart disease 27 014 978 |
| <i>7</i> | Malaria 16 024 881 | Meningitis 2 075 361 | Tuberculosis 5 297 948 | Hearing loss, adult onset 3 508 126 | Unipolar depressive disorders 3 113 113 | Hearing loss, adult onset 2 624 155 | Childhood-cluster diseases 25 070 933 |
| <i>8</i> | Congenital heart anomalies 8 030 644 | Diarrhoeal diseases 2 068 303 | Bipolar disorder 5 198 907 | Interpersonal violence 3 439 291 | Road traffic injuries 2 957 398 | Tuberculosis 2 505 160 | Unipolar depressive disorders 22 028 661 |
| <i>9</i> | Protein-energy malnutrition 7 659 256 | Lower respiratory infections 1 983 668 | Self-inflicted injuries 3 821 716 | Self-inflicted injuries 3 014 219 | Cirrhosis of the liver 2 440 916 | Cataracts 1 897 932 | Tuberculosis 21 690 862 |
| <i>10</i> | HIV/AIDS 7 332 092 | Asthma 1 679 000 | Iron-deficiency anaemia 3 192 146 | Chronic obstructive pulmonary diseases 2 980 477 | Trachea, bronchus, lung cancers 2 364 646 | Diabetes mellitus 1 847 446 | Cerebrovascular disease 20 253 977 |
| <i>11</i> | STD's excluding HIV 2 992 456 | Intestinal nematode infections 1 468 359 | War injuries 2 776 248 | Cerebrovascular disease 2 657 923 | Cataracts 2 195 523 | Alzheimer and other dementias 1 822 424 | Malaria 19 233 895 |
| <i>12</i> | Drowning 2 369 923 | Malaria 1 327 762 | Asthma 2 422 691 | Cirrhosis of the liver 2 463 607 | Meningitis 2 167 025 | Hypertensive heart disease 1 746 251 | Low birth weight 19 037 459 |
| <i>13</i> | Falls 2 351 698 | War injuries 1 209 233 | Drug use disorders 2 301 607 | Iron-deficiency anaemia 2 304 781 | Diarrhoeal diseases 2 155 140 | Meningitis 1 674 493 | Birth asphyxia and birth trauma 17 985 054 |
| <i>14</i> | Down syndrome 2 065 633 | Schizophrenia 1 117 104 | Falls 2 249 820 | Falls 1 903 404 | Lower respiratory infections 2 048 746 | Diarrhoeal diseases 1 665 587 | Chronic obstructive pulmonary diseases 16 896 828 |
| <i>15</i> | Cirrhosis of the liver 1 755 797 | Fires 1 053 739 | Drowning 1 962 724 | Osteoarthritis 1 853 007 | Liver cancer 1 933 209 | Stomach cancer 1 637 714 | Cirrhosis of the liver 13 613 838 |

Table 17. Leading Causes of Death, Low- and Middle-Income Countries, Females, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|--|---|---|
| 1 | Lower respiratory Infections 1 038 383 | Childhood-cluster diseases 100 131 | HIV/AIDS 528 808 | HIV/AIDS 550 444 | Ischaemic heart disease 285 445 | Ischaemic heart disease 2 211 101 | Ischaemic heart disease 2 580 231 |
| 2 | Diarrhoeal diseases 632 395 | Lower respiratory infections 66 504 | Tuberculosis 108 024 | Tuberculosis 134 187 | Cerebrovascular disease 228 292 | Cerebrovascular disease 1 875 734 | Cerebrovascular disease 2 190 866 |
| 3 | Childhood-cluster diseases 554 071 | Diarrhoeal diseases 50 079 | Self-inflicted injuries 88 432 | Self-inflicted injuries 69 522 | Tuberculosis 130 725 | Chronic obstructive pulmonary diseases 944 135 | Lower respiratory infections 1 579 373 |
| 4 | Low birth weight 492 966 | Malaria 49 098 | Road traffic injuries 61 431 | Ischaemic heart disease 66 260 | HIV/AIDS 111 369 | Hypertensive heart disease 335 137 | HIV/AIDS 1 437 818 |
| 5 | Malaria 473 376 | Road traffic injuries 47 578 | Maternal haemorrhage 59 411 | Maternal haemorrhage 59 925 | Breast cancer 108 199 | Lower respiratory infections 312 222 | Chronic obstructive pulmonary diseases 1 040 147 |
| 6 | Birth asphyxia and birth trauma 355 843 | Drowning 38 812 | Fires 41 747 | Cerebrovascular disease 55 510 | Cervix uteri cancer 93 280 | Diabetes mellitus 268 419 | Diarrhoeal diseases 943 324 |
| 7 | HIV/AIDS 204 340 | HIV/AIDS 30 826 | Abortion 38 755 | Road traffic injuries 54 793 | Lower respiratory infections 86 918 | Tuberculosis 188 471 | Childhood-cluster diseases 692 171 |
| 8 | Congenital heart diseases 129 702 | Fires 20 485 | Lower respiratory infections 36 051 | Breast cancer 50 372 | Diarrhoeal diseases 79 829 | Stomach cancer 151 183 | Tuberculosis 607 201 |
| 9 | Protein-energy malnutrition 88 480 | Tuberculosis 18 643 | Hypertensive disorders 34 884 | Lower respiratory infections 39 293 | Chronic obstructive pulmonary diseases 69 606 | Breast cancer 140 356 | Malaria 557 732 |
| 10 | STD's excluding HIV 65 982 | War 13 627 | Maternal sepsis 33 793 | Rheumatic heart disease 34 222 | Diabetes mellitus 60 149 | Diarrhoeal diseases 129 347 | Low birth weight 493 029 |
| 11 | Anencephaly 46 904 | Tropical-cluster diseases 12 264 | Interpersonal violence 31 663 | Maternal sepsis 34 080 | Hypertensive heart disease 57 780 | Nephritis and nephrosis 127 418 | Hypertensive heart disease 414 233 |
| 12 | Drowning 46 888 | Poisonings 11 570 | War 26 245 | Nephritis and nephrosis 31 272 | Cirrhosis of the liver 53 939 | Cirrhosis of the liver 126 972 | Diabetes mellitus 359 175 |
| 13 | Meningitis 35 265 | Self-inflicted injuries 11 321 | Rheumatic heart disease 25 038 | Cirrhosis of the liver 31 231 | Trachea, bronchus, lung cancers 47 915 | Cervix uteri cancer 125 377 | Birth asphyxia and birth trauma 356 098 |
| 14 | Road traffic injuries 32 780 | Interpersonal violence 11 214 | Diarrhoeal diseases 23 248 | Cervix uteri cancer 31 008 | Road traffic injuries 46 045 | Trachea, bronchus, lung cancers 120 352 | Breast cancer 302 039 |
| 15 | Endocrine disorders 29 018 | Meningitis 10 417 | Obstructed labour 22 738 | Diarrhoeal diseases 28 424 | Stomach cancer 45 073 | Colon and rectum cancers 105 771 | Road traffic injuries 293 169 |

Table 18. Leading Causes of Burden of Disease, Low- and Middle-Income Countries, Females, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|---|---|---|---|--|
| 1 | Lower respiratory infections 36 451 158 | Childhood-cluster diseases 3 833 109 | HIV/AIDS 20 170 746 | HIV/AIDS 15 314 768 | Unipolar depressive disorders 5 490 837 | Ischaemic heart disease 12 848 050 | HIV/AIDS 45 845 509 |
| 2 | Meningitis 22 384 901 | Iron-deficiency anaemia 2 773 780 | Unipolar depressive disorders 11 720 766 | Unipolar depressive disorders 11 047 580 | Ischaemic heart disease 5 217 873 | Cerebrovascular disease 10 797 415 | Lower respiratory infections 44 748 666 |
| 3 | Diarrhoeal diseases 22 365 798 | Lower respiratory infections 2 749 174 | STD's excluding HIV 5 561 608 | Tuberculosis 3 916 675 | Cerebrovascular disease 4 925 736 | Chronic obstructive pulmonary diseases 7 240 147 | Unipolar depressive disorders 32 613 563 |
| 4 | Childhood-cluster diseases 20 272 067 | Road traffic injuries 2 610 625 | Schizophrenia 5 537 097 | Iron-deficiency anaemia 3 180 417 | Hearing loss, adult onset 3 222 008 | Cirrhosis of the liver 6 101 073 | Meningitis 29 769 056 |
| 5 | Low birth weight 17 971 047 | Unipolar depressive disorders 2 588 784 | Abortion 5 309 625 | Hearing loss, adult onset 3 005 008 | Chronic obstructive pulmonary diseases 2 769 121 | Alzheimer and other dementias 2 599 885 | Diarrhoeal diseases 29 674 928 |
| 6 | Malaria 17 477 532 | Meningitis 2 488 975 | Bipolar disorder 5 103 094 | Chronic obstructive pulmonary diseases 2 869 977 | Osteoarthritis 2 349 873 | Diabetes mellitus 2 584 921 | Childhood-cluster diseases 25 150 126 |
| 7 | Birth asphyxia and birth trauma 15 234 827 | Diarrhoeal diseases 2 481 346 | Obstructed labour 4 800 026 | Osteoarthritis 2 511 599 | Cataracts 2 341 222 | Hearing loss, adult onset 2 310 636 | Malaria 20 973 296 |
| 8 | Protein-energy malnutrition 7 608 378 | Fires 2 276 569 | Iron-deficiency anaemia 4 702 368 | Self-inflicted injuries 2 113 178 | Tuberculosis 2 326 823 | Cataracts 2 196 436 | Ischaemic heart disease 20 735 806 |
| 9 | Congenital heart anomalies 7 483 535 | Malaria 2 139 872 | Tuberculosis 4 314 528 | Cerebrovascular disease 2 087 495 | Cirrhosis of the liver 2 157 725 | Osteoarthritis 2 049 901 | Cerebrovascular disease 19 639 543 |
| 10 | HIV/AIDS 6 996 208 | Falls 2 038 210 | Maternal sepsis 4 153 239 | Ischaemic heart disease 1 967 571 | HIV/AIDS 2 047 373 | Hypertensive heart disease 1 903 818 | Low birth weight 17 973 397 |
| 11 | STD's excluding HIV 2 678 030 | Migraine 2 018 689 | Self-inflicted injuries 3 756 282 | Obstructed labour 1 865 361 | Breast cancer 1 920 020 | Unipolar depressive disorders 1 765 596 | Birth asphyxia and birth trauma 15 242 542 |
| 12 | Falls 2 026 729 | Asthma 1 939 323 | Panic disorder 3 596 979 | Road traffic injuries 1 784 667 | Diabetes mellitus 1 812 333 | Lower respiratory infections 1 760 511 | Iron-deficiency anaemia 14 217 823 |
| 13 | Cirrhosis of the liver 1 810 613 | Drowning 1 451 780 | Road traffic injuries 2 807 540 | Maternal haemorrhage 1 640 122 | Cervix uteri cancer 1 626 750 | Tuberculosis 1 477 057 | Tuberculosis 13 899 628 |
| 14 | Down syndrome 1 653 319 | Intestinal nematode infections 1 413 750 | Maternal haemorrhage 2 198 297 | Cirrhosis of the liver 1 638 423 | Iron-deficiency anaemia 1 583 109 | Breast cancer 1 077 548 | Chronic obstructive pulmonary diseases 13 864 884 |
| 15 | Drowning 1 644 474 | HIV/AIDS 1 208 783 | Hearing loss, adult onset 1 793 644 | Breast cancer 1 401 342 | Meningitis 1 475 433 | Stomach cancer 1 003 839 | Cirrhosis of the liver 13 668 946 |

Table 19. Leading Causes of Death, African Region, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---|---|---|---|---|--|
| <i>1</i> | Malaria 859 468 | Childhood-cluster diseases 97 387 | HIV/AIDS 677 539 | H IV/AIDS 1014 947 | HIV/AIDS 263 673 | Ischaemic heart disease 247 054 | HIV/AIDS 2 392 291 |
| <i>2</i> | Lower respiratory infections 730 184 | Malaria 65 578 | Tuberculosis 80 542 | Tuberculosis 100 872 | Lower respiratory infections 89 119 | Cerebrovascular disease 220 648 | Lower respiratory infections 1 068 948 |
| <i>3</i> | Childhood-cluster diseases 617 897 | Drowning 33 986 | War injuries 53 856 | Lower respiratory infections 47 748 | Tuberculosis 80 910 | Lower respiratory infections 145 700 | Malaria 966 221 |
| <i>4</i> | Diarrhoeal diseases 522 621 | War injuries 27 384 | Interpersonal violence 42 752 | Road traffic injuries 39 530 | Ischaemic heart disease 60 552 | Chronic obstructive pulmonary diseases 92 627 | Childhood-cluster diseases 739 750 |
| <i>5</i> | HIV/AIDS 382 543 | Road traffic injuries 26 430 | Road traffic injuries 40 928 | War injuries 38 850 | Cerebrovascular disease 50 682 | Diarrhoeal diseases 77 150 | Diarrhoeal diseases 704 808 |
| <i>6</i> | Low birth weight 247 798 | HIV/AIDS 26 167 | Lower respiratory infections 31 777 | Maternal haemorrhage 30 893 | Diarrhoeal diseases 45 845 | Tuberculosis 58 488 | Tuberculosis 380 410 |
| <i>7</i> | Birth asphyxia and birth trauma 236 141 | Lower respiratory infections 24 418 | Maternal haemorrhage 23 492 | Interpersonal violence 25 880 | Road traffic injuries 29 232 | Prostate cancer 41 013 | Ischaemic heart disease 328 831 |
| <i>8</i> | STD's excluding HIV 88 097 | Tropical cluster diseases 20 451 | Hypertensive disorders 22 301 | Diarrhoeal diseases 23 481 | War injuries 19 502 | Cirrhosis of the liver 40 436 | Cerebrovascular disease 303 563 |
| <i>9</i> | Protein-energy malnutrition 75 807 | Diarrhoeal diseases 18 576 | Abortion 19 770 | Maternal sepsis 21 715 | Chronic obstructive pulmonary diseases 16 602 | Hypertensive heart disease 38 918 | Low birth weight 247 798 |
| <i>10</i> | Tuberculosis 46 879 | Tuberculosis 12 716 | Malaria 17 241 | Cerebrovascular disease 21 140 | Cirrhosis of the liver 15 985 | Cervix uteri cancer 37 309 | Birth asphyxia and birth trauma 236 145 |
| <i>11</i> | Drowning 22 484 | Meningitis 7 297 | Diarrhoeal diseases 17 133 | Ischaemic heart disease 15 633 | Liver cancer 15 334 | Nephritis and nephrosis 36 836 | Road traffic injuries 168 246 |
| <i>12</i> | Congenital heart diseases 21 370 | Vitamin A deficiency 6 891 | Maternal sepsis 16 886 | Malaria 14 054 | Nephritis and nephrosis 15 091 | Diabetes mellitus 36 703 | War injuries 167 482 |
| <i>13</i> | Poisonings 20 630 | Interpersonal violence 6 028 | Tropical-cluster diseases 14 671 | Nephritis and nephrosis 13 892 | Cervix uteri cancer 14 928 | Liver cancer 30 374 | Interpersonal violence 116 040 |
| <i>14</i> | Fires 18 222 | Fires 5 533 | Obstructed labour 14 132 | Liver cancer 12 124 | Interpersonal violence 14 060 | HIV/AIDS 27 420 | Chronic obstructive pulmonary diseases 114 567 |
| <i>15</i> | Endocrine disorders 17 367 | Iron-deficiency anaemia 4 388 | Childhood-cluster diseases 12 934 | Tropical-cluster diseases 10 887 | Diabetes mellitus 11 784 | Stomach cancer 22 895 | Protein-energy malnutrition 101 404 |

Table 20. Leading Causes of Burden of Disease, African Region, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|--|--|---|---|---|
| <i>1</i> | Malaria 31 572 523 | Childhood-cluster diseases 3 681 580 | HIV/AIDS 25 915 040 | HIV/AIDS 27 649 760 | HIV/AIDS 4 721 879 | Ischaemic heart disease 1 503 472 | HIV/AIDS 72 651 320 |
| <i>2</i> | Lower respiratory infections 24 764 315 | Malaria 2 641 223 | Tuberculosis 2 987 411 | Tuberculosis 2 771 409 | Lower respiratory infections 1 411 082 | Cerebrovascular disease 1 281 389 | Malaria 35 747 281 |
| <i>3</i> | Childhood-cluster diseases 22 100 198 | Road traffic injuries 1 422 518 | STD's excluding HIV 2 218 680 | Road traffic injuries 1 297 236 | Tuberculosis 1 381 430 | Lower respiratory infections 964 069 | Lower respiratory infections 30 399 839 |
| <i>4</i> | Diarrhoeal diseases 17 923 848 | Drowning 1 267 345 | War injuries 2 159 404 | Unipolar depressive disorders 1 222 219 | Ischaemic heart disease 1 065 089 | Cataracts 777 617 | Childhood-cluster diseases 26 438 868 |
| <i>5</i> | HIV/AIDS 13 057 427 | War injuries 1 151 299 | Abortion 1 832 835 | War injuries 1 180 984 | Cataracts 991 283 | Chronic obstructive pulmonary diseases 731 315 | Diarrhoeal diseases 21 494 197 |
| <i>6</i> | Birth asphyxia and birth trauma 10 410 909 | HIV/AIDS 1 061 631 | Road traffic injuries 1 734 217 | Lower respiratory infections 1 177 285 | Hearing loss, adult onset 982 792 | Hearing loss, adult onset 701 333 | Birth asphyxia and birth trauma 10 411 068 |
| <i>7</i> | Low birth weight 8 721 853 | Iron-deficiency anaemia 1 022 275 | Maternal sepsis 1 666 364 | Maternal haemorrhage 803 834 | Cerebrovascular disease 914 172 | Diarrhoeal diseases 533 536 | Tuberculosis 9 788 160 |
| <i>8</i> | Protein-energy malnutrition 5 143 466 | Lower respiratory infections 999 712 | Interpersonal violence 1 656 420 | Interpersonal violence 757 516 | Diarrhoeal diseases 753 133 | Tuberculosis 463 459 | Low birth weight 8 721 853 |
| <i>9</i> | STD's excluding HIV 3 281 835 | Diarrhoeal diseases 968 579 | Unipolar depressive disorders 1 611 960 | Hearing loss, adult onset 746 149 | Road traffic injuries 584 605 | Cirrhosis of the liver 357 317 | STD's excluding HIV 6 188 386 |
| <i>10</i> | Congenital heart anomalies 1 818 528 | Asthma 702 759 | Obstructed labour 1 548 637 | Cerebrovascular disease 661 459 | Unipolar depressive disorders 461 471 | Cervix uteri cancer 285 452 | Road traffic injuries 5 761 993 |
| <i>11</i> | Tuberculosis 1 603 592 | Falls 680 885 | Bipolar disorder 1 400 174 | Maternal sepsis 637 336 | Chronic obstructive pulmonary diseases 454 981 | Diabetes mellitus 277 624 | Protein-energy malnutrition 5 482 030 |
| <i>12</i> | Fires 833 773 | Unipolar depressive disorders 648 578 | Schizophrenia 1 320 947 | Diarrhoeal diseases 625 786 | War injuries 396 100 | Alzheimer and other dementias 271 628 | War injuries 5 476 231 |
| <i>13</i> | Endocrine disorders 824 223 | Fires 608 704 | Lower respiratory infections 1 083 376 | STD's excluding HIV 542 667 | Cirrhosis of the liver 359 641 | HIV/AIDS 245 582 | Unipolar depressive disorders 4 059 553 |
| <i>14</i> | Poisonings 809 417 | Tuberculosis 580 859 | Iron-deficiency anaemia 852 948 | Cataracts 535 736 | Osteoarthritis 333 733 | Prostate cancer 226 651 | Interpersonal violence 3 665 406 |
| <i>15</i> | Drowning 784 230 | Obsessive-compulsive disorder 321 239 | Malaria 850 590 | Malaria 477 977 | Glaucoma 266 251 | Nephritis and nephrosis 220 033 | Cerebrovascular disease 3 496 609 |

Table 21. Leading Causes of Death, Region of the Americas- High Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>> 60 years</i> | <i>All Ages</i> |
|-------------|--|--------------------------------------|-------------------------------------|--|---|---|---|
| 1 | Low birth weight 4 906 | Road traffic injuries 1 931 | Road traffic injuries 14 673 | Self-inflicted injuries 11 467 | Ischaemic heart disease 47 245 | Ischaemic heart disease 504 192 | Ischaemic heart disease 560 373 |
| 2 | Birth asphyxia and birth trauma 4 524 | Interpersonal violence 497 | Interpersonal violence 8 277 | Road traffic injuries 11 388 | Trachea, bronchus, lung cancers 29 372 | Cerebrovascular disease 172 015 | Cerebrovascular disease 188 353 |
| 3 | Congenital heart anomalies 2 880 | Drowning 476 | Self-inflicted injuries 7 648 | HIV/AIDS 8 645 | Breast cancer 13 376 | Trachea, bronchus, lung cancers 145 520 | Trachea, bronchus, lung cancers 178 438 |
| 4 | Road traffic injuries 881 | Leukaemia 389 | Poisonings 1 814 | Ischaemic heart disease 8 527 | Cerebrovascular disease 11 838 | Chronic obstructive pulmonary diseases 114 567 | Chronic obstructive pulmonary diseases 121 361 |
| 5 | Interpersonal violence 787 | Self-inflicted injuries 367 | HIV/AIDS 1 232 | Poisonings 6 319 | Colon and rectum cancers 10 107 | Lower respiratory infections 101 160 | Lower respiratory infections 109 012 |
| 6 | Lower respiratory infections 773 | Fires 321 | Drowning 1 104 | Interpersonal violence 5 922 | Cirrhosis of the liver 10 085 | Colon and rectum cancers 62 857 | Colon and rectum cancers 75 031 |
| 7 | Drowning 624 | Endocrine disorders 215 | Leukaemia 839 | Breast cancer 4 256 | Diabetes mellitus 9 594 | Diabetes mellitus 62 225 | Diabetes mellitus 74 834 |
| 8 | Endocrine disorders 600 | Congenital heart anomalies 200 | Endocrine disorders 767 | Cirrhosis of the liver 4 210 | Self-inflicted injuries 8 888 | Alzheimer and other dementias 58 403 | Alzheimer and other dementias 59 206 |
| 9 | Cerebrovascular disease 415 | Asthma 141 | Inflammatory heart diseases 714 | Cerebrovascular disease 3 518 | Road traffic injuries 8 132 | Hypertensive heart disease 41 652 | Breast cancer 55 035 |
| 10 | Anencephaly 364 | Lower respiratory infections 140 | Lymphomas, multiple myeloma 643 | Trachea, bronchus, lung cancers 3 458 | Lymphomas, multiple myeloma 6 757 | Prostate cancer 40 801 | Hypertensive heart disease 49 221 |
| 11 | Renal agenesis 338 | Inflammatory heart disease 116 | Congenital heart anomalies 489 | Diabetes mellitus 2 604 | Chronic obstructive pulmonary diseases 6 267 | Breast cancer 37 296 | Road traffic injuries 47 434 |
| 12 | Fires 330 | Alzheimer and other dementias 100 | Lower respiratory infections 474 | Inflammatory heart diseases 2 522 | Hypertensive heart disease 5 806 | Lymphomas, multiple myeloma 36 262 | Lymphomas, multiple myeloma 45 847 |
| 13 | Inflammatory heart diseases 288 | Cerebrovascular disease 95 | Cerebrovascular disease 470 | Lymphomas, multiple myeloma 2 094 | Inflammatory heart diseases 5 362 | Nephritis and nephrosis 28 000 | Prostate cancer 42 376 |
| 14 | Diarrhoeal diseases 287 | Meningitis 73 | Falls 450 | Lower respiratory infections 1 964 | Pancreas cancer 4 978 | Pancreas cancer 27 266 | Self-inflicted injuries 36 359 |
| 15 | Meningitis 252 | Lymphomas, multiple myelomas 65 | Asthma 396 | Colon and rectum cancers 1 890 | Lower respiratory infections 4 500 | Inflammatory heart diseases 24 347 | Inflammatory heart diseases 33 350 |

Table 22. Leading Causes of Burden of Disease, Region of the Americas, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|---|---|---|
| <i>1</i> | Congenital heart anomalies 290 906 | Asthma 274 325 | Unipolar depressive disorders 1 852 677 | Unipolar depressive disorders 1 679 614 | Ischaemic heart disease 836 278 | Ischaemic heart disease 2 058 945 | Unipolar depressive disorders 4 882 176 |
| <i>2</i> | Birth asphyxia and birth trauma 193 212 | Unipolar depressive disorders 240 952 | Alcohol use disorders 1 719 869 | Alcohol use disorders 915 003 | Unipolar depressive disorders 804 048 | Alzheimer and other dementias 1 247 581 | Ischaemic heart disease 3 161 040 |
| <i>3</i> | Low birth weight 176 061 | Migraine 169 014 | Road traffic injuries 669 351 | Road traffic injuries 377 517 | Trachea, bronchus, lung cancers 453 607 | Chronic obstructive pulmonary diseases 894 314 | Alcohol use disorders 2 961 234 |
| <i>4</i> | Asthma 84 889 | Road traffic injuries 130 465 | Drug use disorders 429 952 | HIV/AIDS 293 968 | Hearing loss, adult onset 442 417 | Trachea, bronchus, lung cancers 870 925 | Cerebrovascular disease 1 510 660 |
| <i>5</i> | Down syndrome 84 160 | Schizophrenia 62 560 | Bipolar disorder 396 096 | Self-inflicted injuries 290 212 | Diabetes mellitus 400 669 | Cerebrovascular disease 862 214 | Road traffic injuries 1 458 874 |
| <i>6</i> | Endocrine disorders 57 331 | Dental caries 61 072 | Schizophrenia 380 632 | Ischaemic heart disease 246 012 | Cerebrovascular disease 385 068 | Osteoarthritis 531 869 | Trachea, bronchus, lung cancers 1 409 625 |
| <i>7</i> | Falls 49 345 | Epilepsy 56 047 | Interpersonal violence 322 143 | Diabetes mellitus 235 490 | Osteoarthritis 303 330 | Diabetes mellitus 521 825 | Alzheimer and other dementias 1 378 642 |
| <i>8</i> | Childhood-cluster diseases 47 066 | Falls 47 284 | Asthma 263 503 | Hearing loss, adult onset 235 325 | Breast cancer 262 815 | Hearing loss, adult onset 424 755 | Diabetes mellitus 1 247 776 |
| <i>9</i> | Road traffic injuries 45 327 | Iron-deficiency anaemia 42 389 | Self-inflicted injuries 261 308 | Drug use disorders 198 590 | Chronic obstructive pulmonary diseases 260 020 | Colon and rectum cancers 356 399 | Chronic obstructive pulmonary diseases 1 226 420 |
| <i>10</i> | Diarrhoeal diseases 39 922 | Alcohol use disorders 34 311 | Panic disorder 223 180 | Cerebrovascular disease 188 396 | Alcohol disorders 254 010 | Unipolar depressive disorders 304 884 | Hearing loss, adult onset 1 135 375 |
| <i>11</i> | Spina bifida 38 484 | Endocrine disorders 30 617 | Migraine 177 521 | Endocrine disorders 179 339 | Cirrhosis of the liver 222 876 | Lower respiratory infections 291 804 | Osteoarthritis 989 529 |
| <i>12</i> | Interpersonal violence 33 898 | Otitis media 27 989 | Obsessive-compulsive disorder 112 710 | Interpersonal violence 171 841 | Endocrine disorders 203 168 | Breast cancer 252 063 | Self-inflicted injuries 758 719 |
| <i>13</i> | Lower respiratory infections 27 756 | Bipolar disorder 23 384 | HIV/AIDS 104 837 | Poisonings 155 950 | Colon and rectum cancers 187 314 | Prostate cancer 214 521 | Endocrine disorders 747 949 |
| <i>14</i> | Cerebrovascular disease 23 217 | Rheumatic arthritis 23 270 | Endocrine disorders 103 072 | Breast cancer 153 372 | Road traffic injuries 168 106 | Lymphomas, multiple myeloma 196 506 | Asthma 736 978 |
| <i>15</i> | Drowning 21 845 | Interpersonal violence 21 726 | Diabetes mellitus 77 389 | Osteoarthritis 144 022 | Self-inflicted injuries 147 188 | Endocrine disorders 174 422 | Drug use disorders 678 830 |

Table 23. Leading Causes of Death, Region of the Americas, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---------------------------------------|---------------------------------------|---------------------------------------|---|--|--|
| 1 | Birth asphyxia and birth trauma 73 627 | Road traffic injuries 6 203 | Interpersonal violence 70 202 | Interpersonal violence 42 943 | Ischaemic heart disease 57 426 | Ischaemic heart disease 282 992 | Ischaemic heart disease 356 131 |
| 2 | Lower respiratory infections 58 031 | Lower respiratory infections 4 400 | Road traffic injuries 29 478 | HIV/AIDS 28 881 | Cerebrovascular disease 39 935 | Cerebrovascular disease 203 384 | Cerebrovascular disease 262 274 |
| 3 | Diarrhoeal diseases 50 929 | Diarrhoeal diseases 3 356 | HIV/AIDS 15 132 | Road traffic injuries 24 357 | Diabetes mellitus 27 910 | Diabetes mellitus 108 020 | Lower respiratory infections 150 523 |
| 4 | Congenital heart anomalies 21 843 | Drowning 2 901 | Self-inflicted injuries 10 884 | Cirrhosis of the liver 14 520 | Cirrhosis of the liver 26 258 | Chronic obstructive pulmonary diseases 75 565 | Diabetes mellitus 144 531 |
| 5 | Low birth weight 18 718 | Leukaemia 2 674 | Tuberculosis 7 781 | Ischaemic heart disease 13 352 | Interpersonal violence 16 223 | Lower respiratory infections 66 510 | Interpersonal violence 139 856 |
| 6 | Protein-energy malnutrition 15 261 | Interpersonal violence 2 260 | Drowning 6 935 | Cerebrovascular disease 13 172 | Road traffic injuries 14 897 | Hypertensive heart disease 66 181 | Road traffic injuries 92 928 |
| 7 | Childhood-cluster diseases 7 303 | Protein-energy malnutrition 1 214 | Lower respiratory infections 4 704 | Tuberculosis 11 651 | Trachea, bronchus, lung cancers 14 141 | Stomach cancer 39 182 | Chronic obstructive pulmonary diseases 85 024 |
| 8 | Meningitis 7 160 | Tuberculosis 1 073 | Cerebrovascular disease 3 613 | Self-inflicted injuries 7 704 | Hypertensive heart disease 12 553 | Trachea, bronchus, lung cancers 36 232 | Hypertensive heart disease 84 192 |
| 9 | Endocrine disorders 6 737 | Congenital heart anomalies 1 058 | Leukaemia 3 303 | Lower respiratory infections 7 024 | Tuberculosis 12 473 | Cirrhosis of the liver 32 735 | Diarrhoeal diseases 76 623 |
| 10 | Road traffic injuries 4 826 | Nephritis and nephrosis 978 | Nephritis and nephrosis 2 792 | Tropical-cluster diseases 6 819 | Breast cancer 10 373 | Nephritis and nephrosis 32 113 | Cirrhosis of the liver 75 722 |
| 11 | Drowning 4 825 | Cerebrovascular disease 803 | Hypertensive disorders 2 346 | Diabetes mellitus 6 335 | Lower respiratory infections 9 851 | Prostate cancer 30 025 | Birth asphyxia and birth trauma 73 706 |
| 12 | Spina bifida 3 406 | Endocrine disorders 779 | Falls 2 311 | Alcohol use disorders 5 194 | Stomach cancer 9 792 | Colon and rectum cancers 22 764 | HIV/AIDS 56 887 |
| 13 | Leukaemia 2 900 | Iron-deficiency anaemia 723 | Ischaemic heart disease 2 261 | Breast cancer 4 641 | Tropical-cluster diseases 8 699 | Tuberculosis 20 496 | Tuberculosis 54 976 |
| 14 | Asthma 2 775 | Meningitis 722 | Endocrine disorders 2 259 | Cervix uteri cancer 4 279 | HIV/AIDS 8 319 | Inflammatory heart diseases 18 848 | Trachea, bronchus, lung cancers 53 586 |
| 15 | Iron-deficiency anaemia 2 746 | Lymphomas, multiple myeloma 713 | Diarrhoeal diseases 2 073 | Endocrine disorders 4 149 | Nephritis and nephrosis 7 904 | Breast cancer 16 477 | Stomach cancer 52 856 |

Table 24. Leading Causes of Burden of Disease, Region of the Americas, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|--|--|---|--|--|
| 1 | Birth asphyxia and birth trauma 2 824 843 | Asthma 639 749 | Interpersonal violence 2 887 945 | Unipolar depressive disorders 2 253 873 | Ischaemic heart disease 1 003 948 | Ischaemic heart disease 1 587 527 | Unipolar depressive disorders 6 604 758 |
| 2 | Lower respiratory infections 2 336 576 | Unipolar depressive disorders 597 515 | Unipolar depressive disorders 2 557 969 | Interpersonal violence 1 340 656 | Hearing loss, adult onset 977 595 | Cerebrovascular disease 1 235 685 | Interpersonal violence 4 755 932 |
| 3 | Diarrhoeal diseases 1 908 572 | Dental caries 505 416 | Alcohol use disorders 1 922 590 | Alcohol use disorders 1 023 783 | Cerebrovascular disease 974 801 | Diabetes mellitus 868 784 | Alcohol use disorders 3 364 124 |
| 4 | Congenital heart anomalies 1 395 808 | Intestinal nematode infections 444 524 | Road traffic injuries 1 340 168 | HIV/AIDS 855 453 | Unipolar depressive disorders 938 150 | Hearing loss, adult onset 744 987 | Lower respiratory infections 3 363 670 |
| 5 | Protein-energy malnutrition 796 469 | Migraine 391 760 | Schizophrenia 1 128 767 | Road traffic injuries 844 341 | Diabetes mellitus 705 272 | Alzheimer and other dementias 708 160 | Road traffic injuries 3 160 366 |
| 6 | Low birth weight 736 091 | Road traffic injuries 354 563 | Bipolar disorder 1 041 708 | Hearing loss, adult onset 608 549 | Cirrhosis of the liver 608 335 | Chronic obstructive pulmonary disease 596 751 | Cerebrovascular disease 3 136 806 |
| 7 | Endocrine disorders 572 965 | Diarrhoeal diseases 354 050 | HIV/AIDS 740 661 | Cerebrovascular disease 558 872 | Osteoarthritis 361 873 | Osteoarthritis 474 525 | Ischaemic heart disease 3 055 910 |
| 8 | Childhood-cluster diseases 432 440 | Iron-deficiency anaemia 282 584 | Drug use disorder 735 019 | Diabetes mellitus 422 677 | Alcohol use disorders 325 282 | Hypertensive heart disease 332 307 | Birth asphyxia and birth trauma 2 827 277 |
| 9 | Asthma 394 574 | Epilepsy 258 880 | Asthma 629 658 | Cirrhosis of the liver 395 948 | Road traffic injuries 318 391 | Cirrhosis of the liver 290 215 | Diarrhoeal diseases 2 733 427 |
| 10 | Meningitis 366 819 | Falls 231 352 | Panic disorder 549 407 | Ischaemic heart disease 366 380 | Interpersonal violence 302 859 | Lower respiratory infections 284 327 | Hearing loss, adult onset 2 596 325 |
| 11 | Spina bifida 351 231 | Lower respiratory infections 219 138 | Iron-deficiency anaemia 532 680 | Iron-deficiency anaemia 361 751 | Chronic obstructive pulmonary diseases 289 296 | Unipolar depressive disorders 257 205 | Diabetes mellitus 2 235 289 |
| 12 | Down syndrome 340 852 | Endocrine disorders 135 815 | STD's excluding HIV 472 306 | Tuberculosis 325 664 | Trachea, bronchus, lung cancers 218 161 | Trachea, bronchus, lung cancers 241 551 | Asthma 1 907 187 |
| 13 | Iron-deficiency anaemia 252 963 | Schizophrenia 122 107 | Self-inflicted injures 410 558 | Falls 252 297 | Tuberculosis 217 485 | Stomach cancer 232 059 | HIV/AIDS 1 861 081 |
| 14 | Falls 249 078 | Drowning 108 307 | Obsessive-compulsive disorder 393 856 | Drug use disorders 252 068 | Cataracts 214 243 | Cataracts 180 487 | Iron-deficiency anaemia 1 606 538 |
| 15 | Road traffic injuries 197 290 | Interpersonal violence 105 323 | Rheumatoid arthritis 384 894 | Endocrine disorders 234 593 | Benign prostatic hypertrophy 208 936 | Nephritis and nephrosis 167 665 | Endocrine disorders 1 532 865 |

Table 25. Leading Causes of Death, Eastern Mediterranean Region- High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---------------------------------------|------------------------------------|------------------------------------|---------------------------------------|--|---|---|
| <i>1</i> | Congenital heart anomalies 186 | Road traffic injuries 85 | Road traffic injuries 436 | Road traffic injuries 437 | Ischaemic heart disease 1 674 | Ischaemic heart disease 2 946 | Ischaemic heart disease 5 016 |
| <i>2</i> | Low birth weight 82 | War injuries 17 | Interpersonal violence 88 | Ischaemic heart disease 368 | Road traffic injuries 382 | Cerebrovascular disease 2 276 | Cerebrovascular disease 2 738 |
| <i>3</i> | Lower respiratory infections 68 | Leukaemia 16 | Self-inflicted injuries 60 | Interpersonal violence 96 | Cerebrovascular disease 344 | Hypertensive heart disease 735 | Road traffic injuries 1 529 |
| <i>4</i> | Birth asphyxia and birth trauma 63 | Drowning 14 | Poisonings 43 | Cerebrovascular disease 96 | Trachea, bronchus, lung cancers 262 | Trachea, bronchus, lung cancers 447 | Hypertensive heart disease 1 014 |
| <i>5</i> | Diarrhoeal diseases 56 | Congenital heart anomalies 13 | Drowning 34 | Nephritis and nephrosis 74 | Hypertensive disease 237 | Diabetes mellitus 364 | Trachea, bronchus, lung cancers 761 |
| <i>6</i> | Road traffic injuries 27 | Lower respiratory infections 12 | War injuries 34 | Self-inflicted injuries 71 | Diabetes mellitus 161 | Lower respiratory infections 336 | Nephritis and nephrosis 566 |
| <i>7</i> | Nephritis and nephrosis 20 | Nephritis and nephrosis 12 | Leukaemia 32 | Lymphomas, multiple myeloma 53 | Nephritis and nephrosis 140 | Chronic obstructive pulmonary diseases 316 | Diabetes mellitus 555 |
| <i>8</i> | Endocrine disorders 16 | Falls 9 | Ischaemic heart disease 25 | Trachea, bronchus, lung cancers 47 | Cirrhosis of the liver 101 | Nephritis and nephrosis 308 | Lower respiratory infections 539 |
| <i>9</i> | War injuries 9 | Lymphomas, multiple myeloma 6 | Falls 23 | Lower respiratory infections 45 | Breast cancer 97 | Colon and rectum cancers 185 | Chronic obstructive pulmonary diseases 393 |
| <i>10</i> | Drowning 9 | Endocrine disorders 6 | Lymphomas, multiple myeloma 22 | Poisonings 45 | Liver cancer 82 | Breast cancer 166 | Breast cancer 307 |
| <i>11</i> | Leukaemia 8 | Cerebrovascular disease 4 | Lower respiratory infections 18 | Breast cancer 40 | Lymphomas, multiple myeloma 78 | Bladder cancer 164 | Lymphomas, multiple myeloma 280 |
| <i>12</i> | Epilepsy 8 | Cirrhosis of the liver 4 | Fires 16 | Falls 38 | Chronic obstructive pulmonary diseases 66 | Road traffic injuries 159 | Colon and rectum cancers 269 |
| <i>13</i> | Falls 7 | Epilepsy 4 | Cerebrovascular disease 15 | War injuries 34 | Colon and rectum cancers 61 | Liver cancer 158 | Cirrhosis of the liver 253 |
| <i>14</i> | Protein-energy malnutrition 7 | Rheumatic heart disease 3 | Epilepsy 12 | Hypertensive heart disease 33 | Inflammatory heart diseases 61 | Prostate cancer 153 | Liver cancer 253 |
| <i>15</i> | Tuberculosis 6 | Interpersonal violence 3 | Nephritis and nephrosis 9 | Fires 30 | Lower respiratory infections 57 | Diarrhoeal disease 148 | Interpersonal violence 244 |

Table 26. Leading Causes of Burden of Disease, Eastern Mediterranean Region, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|---|---|--|---|---|
| 1 | Congenital heart anomalies 11 688 | Falls 6 298 | Road traffic injuries 20 574 | Unipolar depressive disorders 22 534 | Ischaemic heart disease 28 176 | Ischaemic heart disease 19 547 | Ischaemic heart disease 58 331 |
| 2 | Birth asphyxia and birth trauma 5 241 | Road traffic injuries 5 666 | Unipolar depressive disorders 15 052 | Road traffic injuries 17 038 | Hearing loss, adult onset 19 759 | Cerebrovascular disease 11 245 | Road traffic injuries 56 296 |
| 3 | Lower respiratory infections 5 196 | Iron-deficiency anaemia 4 426 | Schizophrenia 12 880 | Hearing loss, adult onset 12 673 | Unipolar depressive disorders 10 371 | Hearing loss, adult onset 7 369 | Unipolar depressive disorders 54 181 |
| 4 | Down syndrome 4 014 | Unipolar depressive disorders 4 326 | Bipolar disorder 10 649 | Ischaemic heart disease 9 545 | Road traffic injuries 10 340 | Diabetes mellitus 4 994 | Hearing loss, adult onset 42 986 |
| 5 | Low birth weight 3 554 | Migraine 3 967 | Drug use disorders 10 523 | Drug use disorders 6 196 | Cerebrovascular disease 9 431 | Alzheimer and other dementias 4 757 | Cerebrovascular disease 26 815 |
| 6 | Diarrhoeal diseases 3 330 | Asthma 3 347 | Iron-deficiency anaemia 7 357 | Osteoarthritis 5 611 | Diabetes mellitus 7 561 | Hypertensive heart disease 4 405 | Iron-deficiency anaemia 21 434 |
| 7 | Protein-energy malnutrition 2 998 | Dental caries 1 867 | Obstructed labour 5 855 | Cataracts 5 594 | Cataracts 5 933 | Chronic obstructive pulmonary diseases 3 647 | Diabetes mellitus 19 501 |
| 8 | Falls 2 056 | Obsessive-compulsive disorder 1 695 | Panic disorder 5 577 | Iron-deficiency anaemia 5 470 | Benign prostatic hypertrophy 5 201 | Trachea, bronchus, lung cancers 3 091 | Drug use disorders 18 180 |
| 9 | Endocrine disorders 1 948 | Otitis media 1 073 | Interpersonal violence 3 985 | Diabetes mellitus 4 773 | Edentulism 4 761 | Osteoarthritis 1 934 | Falls 17 682 |
| 10 | Iron-deficiency anaemia 1 675 | Schizophrenia 1 069 | Maternal sepsis 3 729 | Cerebrovascular disease 4 529 | Osteoarthritis 4 515 | Unipolar depressive disorders 1 897 | Schizophrenia 16 646 |
| 11 | Mental retardation, lead-caused 1 356 | Lower respiratory infections 1 068 | Asthma 3 716 | Falls 3 176 | Trachea, bronchus, lung cancers 4 075 | Nephritis and nephrosis 1 747 | Osteoarthritis 13 203 |
| 12 | Childhood-cluster diseases 1 139 | Diarrhoeal diseases 1 037 | Falls 3 390 | Interpersonal violence 3 059 | Alzheimer and other dementias 3 898 | Cataracts 1 634 | Cataracts 13 161 |
| 13 | Road traffic injuries 1 131 | Epilepsy 918 | Hearing loss, adult onset 3 185 | Gout 2 515 | Hypertensive heart disease 3 594 | Road traffic injuries 1 547 | Bipolar disorder 13 036 |
| 14 | Asthma 979 | Endocrine disorders 907 | Obsessive-compulsive disorder 3 059 | Obstructed labour 2 295 | Cirrhosis of the liver 2 749 | Lower respiratory infections 1 404 | Congenital heart anomalies 12 688 |
| 15 | Dental caries 970 | Nephritis and nephrosis 785 | Edentulism 2 668 | Schizophrenia 2 179 | Glaucoma 2 647 | Cirrhosis of the liver 1 253 | Lower respiratory infections 10 849 |

Table 27. Leading Causes of Death, Eastern Mediterranean Region, Low and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|---------------------------------------|---------------------------------------|---|--|--|
| 1 | Lower respiratory infections 277 513 | Childhood-cluster diseases 24 949 | Road traffic injuries 24 133 | Tuberculosis 28 590 | Ischaemic heart disease 80 691 | Ischaemic heart disease 319 985 | Ischaemic heart disease 419 138 |
| 2 | Diarrhoeal diseases 234 189 | Road traffic injuries 12 822 | Tuberculosis 18 181 | HIV/AIDS 23 455 | Tuberculosis 35 057 | Cerebrovascular disease 156 791 | Lower respiratory infections 366 209 |
| 3 | Childhood-cluster diseases 158 837 | Lower respiratory infections 11 236 | HIV/AIDS 15 740 | Road traffic injuries 19 088 | Cerebrovascular disease 32 118 | Hypertensive heart disease 55 565 | Diarrhoeal diseases 284 894 |
| 4 | Low birth weight 138 417 | Diarrhoeal diseases 7 682 | Interpersonal violence 11 123 | Ischaemic heart disease 14 655 | Road traffic injuries 14 777 | Lower respiratory infections 50 771 | Cerebrovascular disease 212 829 |
| 5 | Birth asphyxia and birth trauma 78 099 | Drowning 5 064 | Self-inflicted injuries 10 672 | Maternal haemorrhage 10 945 | Diabetes mellitus 13 356 | Chronic obstructive pulmonary diseases 45 160 | Childhood-cluster diseases 196 812 |
| 6 | Congenital heart anomalies 43 652 | Malaria 4 278 | War injuries 9 806 | Cerebrovascular disease 10 700 | Nephritis and nephrosis 13 160 | Diabetes mellitus 43 676 | Low birth weight 138 448 |
| 7 | Malaria 37 527 | War injuries 4 238 | Maternal haemorrhage 9 169 | Nephritis and nephrosis 8 040 | Lower respiratory infections 12 977 | Tuberculosis 41 341 | Tuberculosis 135 845 |
| 8 | Endocrine disorders 18 120 | Tuberculosis 4 030 | Lower respiratory infections 7 039 | Lower respiratory infections 6 671 | Hypertensive heart disease 11 534 | Nephritis and nephrosis 31 639 | Road traffic injuries 89 339 |
| 9 | Meningitis 16 244 | Interpersonal violence 3 415 | Fires 6 739 | Interpersonal violence 6 421 | Cirrhosis of the liver 9 996 | Diarrhoeal diseases 26 045 | Birth asphyxia and birth trauma 78 099 |
| 10 | War injuries 14 281 | Rheumatic heart disease 3 290 | Childhood-cluster diseases 5 681 | Self-inflicted injuries 5 691 | Trachea, bronchus, lung cancers 8 406 | Trachea, bronchus, lung cancers 19 380 | Hypertensive heart disease 72 892 |
| 11 | Protein-energy malnutrition 14 178 | Falls 3 073 | Rheumatic heart disease 5 243 | Cirrhosis of the liver 5 277 | Chronic obstructive pulmonary diseases 7 798 | Cirrhosis of the liver 16 321 | Nephritis and nephrosis 67 906 |
| 12 | Anencephaly 11 936 | Fires 2 646 | Cerebrovascular disease 4 828 | Diarrhoeal diseases 5 180 | Diarrhoeal disease 7 337 | Asthma 11 846 | Diabetes mellitus 62 736 |
| 13 | Road traffic injuries 9 530 | Poisonings 2 382 | Poisonings 4 663 | War injuries 3 999 | Cervix uteri cancer 6 987 | Mouth and oropharynx cancers 11 596 | Chronic obstructive pulmonary diseases 55 930 |
| 14 | STD's excluding HIV 9 206 | Nephritis and nephrosis 2 378 | Drowning 4 536 | Rheumatic heart disease 3 742 | Mouth and oropharynx cancers 6 854 | Stomach cancer 10 428 | HIV/AIDS 54 256 |
| 15 | Tuberculosis 8 644 | Leukaemia 2 130 | Diarrhoeal diseases 4 459 | Breast cancer 3 721 | HIV/AIDS 5 901 | Inflammatory heart diseases 9 596 | Malaria 47 353 |

Table 28. Leading Causes of Burden of Disease, Eastern Mediterranean Region, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|---|---|---|--|
| 1 | Lower respiratory infections 9 705 574 | Childhood-cluster diseases 951 500 | Unipolar depressive disorders 1 855 792 | Unipolar depressive disorders 1 500 457 | Ischaemic heart disease 1 371 436 | Ischaemic heart disease 2 106 944 | Lower respiratory infections 11 129 718 |
| 2 | Diarrhoeal diseases 8 090 882 | Road traffic injuries 724 850 | Schizophrenia 1 125 315 | Tuberculosis 811 980 | Hearing loss, adult onset 788 330 | Cerebrovascular disease 967 995 | Diarrhoeal diseases 9 166 219 |
| 3 | Childhood-cluster diseases 5 706 493 | Falls 707 835 | Road traffic injuries 1 117 527 | HIV/AIDS 678 074 | Cerebrovascular disease 653 596 | Diabetes mellitus 441 246 | Childhood-cluster diseases 6 995 757 |
| 4 | Low birth weight 5 051 337 | Iron-deficiency anaemia 598 472 | Bipolar disorder 982 893 | Hearing loss, adult onset 677 078 | Tuberculosis 588 719 | Hearing loss, adult onset 414 561 | Low birth weight 5 052 505 |
| 5 | Birth asphyxia and birth trauma 3 264 721 | Unipolar depressive disorders 537 272 | Iron-deficiency anaemia 800 794 | Road traffic injuries 672 432 | Unipolar depressive disorders 585 326 | Chronic obstructive pulmonary diseases 389 336 | Unipolar depressive disorders 4 636 903 |
| 6 | Congenital heart anomalies 2 258 652 | Lower respiratory infections 480 956 | Tuberculosis 738 232 | Iron-deficiency anaemia 441 823 | Cataracts 493 097 | Cataracts 340 235 | Ischaemic heart disease 4 056 561 |
| 7 | Protein-energy malnutrition 1 668 132 | Diarrhoeal diseases 408 337 | HIV/AIDS 691 734 | Ischaemic heart disease 418 844 | Diabetes mellitus 403 632 | Hypertensive heart disease 321 122 | Road traffic injuries 3 278 643 |
| 8 | Malaria 1 473 558 | Migraine 380 966 | Obstructed labour 631 550 | Cerebrovascular disease 373 913 | Road traffic injuries 317 712 | Tuberculosis 319 370 | Birth asphyxia and birth trauma 3 264 721 |
| 9 | Endocrine disorders 735 667 | Asthma 375 056 | STD's excluding HIV 627 100 | Osteoarthritis 352 628 | Osteoarthritis 268 641 | Alzheimer and other dementias 303 273 | Tuberculosis 2 947 567 |
| 10 | Meningitis 650 476 | Fires 374 184 | Abortion 545 620 | Maternal haemorrhage 291 231 | Alzheimer and other dementias 250 853 | Lower respiratory infections 296 068 | Cerebrovascular disease 2 673 604 |
| 11 | Down syndrome 631 986 | Malaria 244 964 | Panic order 527 701 | Diabetes mellitus 253 169 | Cirrhosis of the liver 245 483 | Nephritis and nephrosis 193 176 | Iron-deficiency anaemia 2 456 817 |
| 12 | Falls 628 818 | Tuberculosis 191 251 | Maternal sepsis 452 173 | Cataracts 250 859 | Chronic obstructive pulmonary diseases 241 093 | Osteoarthritis 179 972 | Congenital heart anomalies 2 369 228 |
| 13 | War injuries 509 053 | War injuries 191 184 | War injuries 431 451 | Chronic obstructive pulmonary diseases 225 309 | Lower respiratory infections 217 939 | Unipolar depressive disorders 158 056 | Hearing loss, adult onset 2 242 102 |
| 14 | STD's excluding HIV 406 963 | Drowning 188 897 | Interpersonal violence 426 440 | Obstructed labour 218 859 | Nephritis and nephrosis 209 113 | Diarrhoeal diseases 157 005 | Malaria 1 942 299 |
| 15 | Anencephaly 397 582 | Dental caries 147 984 | Self-inflicted injuries 422 365 | Nephritis and nephrosis 205 886 | Hypertensive heart disease 177 506 | Cirrhosis of the liver 152 671 | Falls 1 923 764 |

Table 29. Leading Causes of Death, European Region, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|-------------------------------------|-------------------------------------|--|---|---|---|
| 1 | Birth asphyxia and birth trauma 4 214 | Road traffic injuries 1 236 | Road traffic injuries 14 303 | Self-inflicted injuries 13 422 | Ischaemic heart disease 45 802 | Ischaemic heart disease 662 618 | Ischaemic heart disease 716 563 |
| 2 | Low birth weight 3 293 | Leukaemia 517 | Self-inflicted injuries 7 229 | Road traffic injuries 9 290 | Trachea, bronchus, lung cancers 32 722 | Cerebrovascular disease 420 895 | Cerebrovascular disease 441 065 |
| 3 | Congenital heart anomalies 3 244 | Endocrine disorders 261 | Drug use disorders 1 795 | Ischaemic heart disease 7 723 | Breast cancer 18 754 | Trachea, bronchus, lung cancers 159 729 | Trachea, bronchus, lung cancers 196 681 |
| 4 | Endocrine disorders 541 | Congenital heart anomalies 236 | HIV/AIDS 1 353 | HIV/AIDS 6 528 | Cirrhosis of the liver 18 345 | Lower respiratory infections 153 001 | Lower respiratory infections 159 654 |
| 5 | Road traffic injuries 522 | Drowning 211 | Poisonings 1 285 | Cirrhosis of the liver 6 369 | Cerebrovascular disease 14 965 | Chronic obstructive pulmonary diseases 127 561 | Colon and rectum cancers 134 146 |
| 6 | Lower respiratory infections 489 | Self-inflicted injuries 148 | Leukaemia 1 159 | Breast cancer 5 249 | Colon and rectum cancers 13 611 | Colon and rectum cancers 118 298 | Chronic obstructive pulmonary diseases 132 604 |
| 7 | Meningitis 414 | Lower respiratory infections 142 | Interpersonal violence 927 | Cerebrovascular disease 4 207 | Self-inflicted injuries 12 661 | Diabetes mellitus 77 433 | Breast cancer 87 914 |
| 8 | Drowning 283 | Falls 119 | Falls 803 | Trachea, bronchus, lung cancers 4 127 | Mouth and oropharynx cancers 7 617 | Alzheimer and other dementias 74 317 | Diabetes mellitus 82 953 |
| 9 | Leukaemia 228 | Cerebrovascular disease 114 | Cerebrovascular disease 719 | Alcohol use disorders 2 559 | Stomach cancer 7 127 | Prostate cancer 66 403 | Alzheimer and other dementias 75 275 |
| 10 | Down syndrome 224 | Interpersonal violence 111 | Lymphomas, multiple myeloma 702 | Colon and rectum cancers 2 058 | Road traffic injuries 6 873 | Breast cancer 63 740 | Prostate cancer 68 309 |
| 11 | Inflammatory heart disease 195 | Lymphomas, multiple myeloma 109 | Endocrine disorders 540 | Lymphomas, multiple myeloma 1 995 | Lymphomas, multiple myeloma 6 538 | Stomach cancer 57 717 | Stomach cancer 66 595 |
| 12 | Interpersonal violence 165 | Epilepsy 106 | Lower respiratory infections 529 | Drug use disorders 1 863 | Pancreas cancer 6 434 | Hypertensive heart disease 55 801 | Cirrhosis of the liver 63 751 |
| 13 | Cerebrovascular disease 164 | Alzheimer and other dementias 89 | Epilepsy 516 | Poisonings 1 828 | Oesophagus cancer 5 588 | Lymphomas, multiple myeloma 42 717 | Hypertensive heart disease 58 528 |
| 14 | Alzheimer and other dementias 151 | Meningitis 89 | Drowning 513 | Leukaemia 1 776 | Alcohol use disorders 5 082 | Pancreas cancer 42 044 | Lymphomas, multiple myeloma 52 101 |
| 15 | Renal agenesis 151 | Fires 74 | Congenital heart anomalies 453 | Falls 1 695 | Ovary cancer 4 550 | Falls 39 053 | Self-inflicted injuries 50 924 |

Table 30. Leading Causes of Burden of Disease, European Region, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|--|--|---|---|
| 1 | Congenital heart anomalies 309 258 | Unipolar depressive disorders 256 650 | Unipolar depressive disorders 1 220 682 | Unipolar depressive disorders 1 432 094 | Unipolar depressive disorders 844 232 | Alzheimer and other dementias 2 853 029 | Unipolar depressive disorders 3 965 744 |
| 2 | Birth asphyxia and birth trauma 183 870 | Asthma 193 432 | Alcohol use disorders 1 183 024 | Alcohol use disorders 1 077 231 | Ischaemic heart disease 751 704 | Ischaemic heart disease 2 776 121 | Ischaemic heart disease 3 780 951 |
| 3 | Low birth weight 118 697 | Schizophrenia 115 712 | Road traffic injuries 695 838 | Self-inflicted injuries 365 436 | Trachea, bronchus, lung cancers 504 943 | Cerebrovascular disease 1 885 699 | Alzheimer and other dementias 3 085 991 |
| 4 | Endocrine disorders 73 039 | Migraine 100 143 | Migraine 640 005 | Hearing loss, adult onset 353 891 | Cerebrovascular disease 422 361 | Trachea, bronchus, lung cancers 973 993 | Alcohol use disorders 2 676 668 |
| 5 | Asthma 63 136 | Road traffic injuries 75 813 | Bipolar disorder 514 165 | Road traffic injuries 344 372 | Hearing loss, adult onset 408 087 | Chronic obstructive pulmonary diseases 935 909 | Cerebrovascular disease 2 562 924 |
| 6 | Childhood-cluster diseases 60 142 | Dental caries 64 694 | Schizophrenia 442 846 | Drug use disorders 247 017 | Osteoarthritis 397 917 | Osteoarthritis 890 920 | Trachea, bronchus, lung cancers 1 579 919 |
| 7 | Down syndrome 52 138 | Falls 44 915 | Drug use disorders 378 759 | Ischaemic heart disease 216 466 | Breast cancer 371 317 | Colon and rectum cancers 701 544 | Osteoarthritis 1 474 070 |
| 8 | Falls 36 894 | Endocrine disorders 44 470 | Panic disorder 279 421 | Cerebrovascular disease 203 744 | Cirrhosis of the liver 365 335 | Diabetes mellitus 494 555 | Road traffic injuries 1 378 749 |
| 9 | Diarrhoeal diseases 33 986 | Epilepsy 43 162 | Asthma 266 916 | HIV/AIDS 192 901 | Alcohol use disorders 361 207 | Lower respiratory infections 425 264 | Hearing loss, adult onset 1 254 052 |
| 10 | Mental retardation, lead caused 29 485 | Iron-deficiency anaemia 42 721 | Self-inflicted injuries 265 450 | Falls 180 100 | Colon and rectum cancers 254 497 | Breast cancer 419 801 | Chronic obstructive pulmonary diseases 1 215 575 |
| 11 | Meningitis 29 175 | Otitis media 28 430 | Obsessive-compulsive disorder 147 722 | Breast cancer 178 189 | Alzheimer and other dementias 229 465 | Hearing loss, adult onset 347 346 | Colon and rectum cancers 1 021 606 |
| 12 | Road traffic injuries 21 851 | Bipolar disorder 18 875 | Hearing loss, adult onset 145 075 | Osteoarthritis 171 747 | Diabetes mellitus 225 889 | Prostate cancer 329 340 | Breast cancer 977 307 |
| 13 | Lower respiratory infections 18 132 | Rheumatoid arthritis 13 179 | Falls 125 026 | Cirrhosis of the liver 165 668 | Self-inflicted injures 216 973 | Stomach cancer 292 475 | Diabetes mellitus 962 785 |
| 14 | Protein-energy malnutrition 15 947 | Low back pain 10 898 | Post traumatic stress disorder 96 008 | Diabetes mellitus 165 636 | Chronic obstructive pulmonary disease 191 683 | Cirrhosis of the liver 271 939 | Self-inflicted injuries 956 882 |
| 15 | Spina bifida 15 298 | Lower respiratory infections 9 652 | Endocrine disorders 83 226 | Insomnia 107 495 | Road traffic injuries 154 250 | Lymphomas, multiple myeloma 237 326 | Cirrhosis of the liver 822 102 |

Table 31. Leading Causes of Death, European Region- Low and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|---------------------------------------|---------------------------------------|---------------------------------------|---|---|---|
| 1 | Lower respiratory infections 60 620 | Drowning 4 900 | Self-inflicted injuries 28 009 | Ischaemic heart disease 42 658 | Ischaemic heart disease 182 982 | Ischaemic heart disease 1 404 507 | Ischaemic heart disease 1 633 159 |
| 2 | Birth asphyxia and birth trauma 26 844 | Lower respiratory infections 4 117 | Road traffic injuries 21 744 | Self-inflicted injuries 40 398 | Cerebrovascular disease 88 133 | Cerebrovascular disease 937 366 | Cerebrovascular disease 1 045 436 |
| 3 | Diarrhoeal diseases 26 426 | War 3 823 | Interpersonal violence 17 738 | Poisonings 31 916 | Trachea, bronchus, lung cancers 45 405 | Trachea, bronchus, lung cancers 124 731 | Trachea, bronchus, lung cancers 176 470 |
| 4 | Low birth weight 18 615 | Road traffic injuries 3 732 | Poisonings 14 847 | Interpersonal violence 27 339 | Cirrhosis of the liver 35 599 | Chronic obstructive pulmonary diseases 122 129 | Chronic obstructive pulmonary diseases 138 711 |
| 5 | Childhood-cluster diseases 7 793 | Poisoning 1 570 | Drowning 10 261 | Tuberculosis 24 074 | Self-inflicted injuries 34 707 | Stomach cancer 88 975 | Self-inflicted injuries 135 261 |
| 6 | Congenital heart anomalies 5 684 | Leukaemia 1 345 | War injuries 9 305 | Road traffic injuries 22 472 | Poisonings 33 958 | Colon and rectum cancers 82 807 | Lower respiratory infection 132 220 |
| 7 | Meningitis 5 237 | Self-inflicted injuries 1 193 | Tuberculosis 9 078 | Cerebrovascular disease 17 098 | Stomach cancer 23 787 | Hypertensive heart disease 79 929 | Stomach cancer 119 270 |
| 8 | Drowning 2 969 | Diarrhoeal diseases 895 | Lower respiratory infections 3 987 | Cirrhosis of the liver 14 041 | Breast cancer 20 880 | Cirrhosis of the liver 53 513 | Cirrhosis of the liver 105 824 |
| 9 | Poisonings 2 255 | Interpersonal violence 810 | Ischaemic heart disease 2 995 | Drowning 12 359 | Tuberculosis 20 436 | Diabetes mellitus 41 546 | Poisonings 103 188 |
| 10 | Spina bifida 1 479 | Meningitis 789 | Falls 2 610 | War injuries 11 513 | Interpersonal violence 16 807 | Lower respiratory infections 39 636 | Colon and rectum cancers 103 039 |
| 11 | Upper respiratory infections 1 295 | Falls 699 | Inflammatory heart diseases 2 414 | Lower respiratory infections 9 586 | Colon and rectum cancers 16 367 | Breast cancer 39 379 | Hypertensive heart disease 97 862 |
| 12 | War injuries 1 273 | Epilepsy 633 | Epilepsy 2 401 | Inflammatory heart diseases 7 880 | Road traffic injuries 14 435 | Pancreas cancer 31 858 | Road traffic injuries 76 715 |
| 13 | Fires 1 272 | Fires 622 | Cirrhosis of the liver 2 363 | HIV/AIDS 7 050 | Hypertensive heart disease 14 300 | Self-inflicted injuries 30 952 | Interpersonal violence 73 739 |
| 14 | Hepatitis B 1 236 | Hepatitis B 463 | Cerebrovascular disease 2 275 | Breast cancer 6 778 | Lower respiratory infections 14 271 | Inflammatory heart diseases 25 001 | Tuberculosis 67 650 |
| 15 | Protein-energy malnutrition 1 183 | Congenital heart anomalies 457 | Nephritis and nephrosis 2 227 | Stomach cancer 5 970 | Inflammatory heart diseases 13 471 | Bladder cancer 23 936 | Breast cancer 67 253 |

Table 32. Leading Causes of Burden of Disease, European Region, Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|---|---|---|---|
| 1 | Lower respiratory infections 2 099 378 | Unipolar depressive disorders 385 635 | Unipolar depressive disorders 1 659 658 | Unipolar depressive disorders 1 782 191 | Ischaemic heart disease 3 057 888 | Ischaemic heart disease 7 424 527 | Ischaemic heart disease 11 709 766 |
| 2 | Birth asphyxia and birth trauma 1 206 771 | Falls 246 222 | Alcohol use disorders 1 350 587 | Ischaemic heart disease 1 107 604 | Cerebrovascular disease 1 902 344 | Cerebrovascular disease 5 144 851 | Cerebrovascular disease 7 869 304 |
| 3 | Diarrhoeal diseases 956 247 | Road traffic injuries 208 364 | Self-inflicted injuries 1 020 201 | Self-inflicted injuries 1 071 305 | Unipolar depressive disorders 964 330 | Alzheimer and other dementias 1 113 517 | Unipolar depressive disorders 5 289 903 |
| 4 | Low birth weight 694 367 | Migraine 185 248 | Road traffic injuries 966 340 | Interpersonal violence 812 529 | Hearing loss, adult onset 786 925 | Chronic obstructive pulmonary diseases 1 022 006 | Lower respiratory infections 3 104 070 |
| 5 | Congenital heart diseases 529 609 | Drowning 182 875 | Bipolar disorder 773 852 | Alcohol use disorders 811 492 | Cirrhosis of the liver 777 428 | Trachea, bronchus, lung cancers 920 655 | Self-inflicted injuries 2 947 529 |
| 6 | Childhood-cluster diseases 348 687 | Iron-deficiency anaemia 182 636 | Schizophrenia 742 288 | Poisonings 784 542 | Trachea, bronchus, lung cancers 709 435 | Hearing loss, adult onset 744 405 | Alcohol use disorders 2 564 500 |
| 7 | Down syndrome 234 031 | Lower respiratory infections 181 409 | Interpersonal violence 704 281 | Road traffic injuries 752 717 | Self-inflicted injuries 591 620 | Diabetes mellitus 682 819 | Road traffic injuries 2 384 231 |
| 8 | Meningitis 192 851 | Schizophrenia 155 915 | Poisonings 498 849 | Tuberculosis 663 708 | Poisonings 551 293 | Stomach cancer 606 330 | Hearing loss, adult onset 2 235 531 |
| 9 | Protein-energy malnutrition 185 253 | War injuries 146 046 | Panic disorder 443 187 | Cerebrovascular disease 629 131 | Chronic obstructive pulmonary diseases 527 809 | Colon and rectum cancers 563 813 | Poisonings 2 156 438 |
| 10 | Falls 160 830 | Asthma 135 316 | Tuberculosis 356 418 | Osteoarthritis 588 264 | Osteoarthritis 510 992 | Cirrhosis of the liver 510 561 | Chronic obstructive pulmonary diseases 1 995 444 |
| 11 | Drowning 104 347 | Obsessive-compulsive disorder 96 415 | Drowning 343 677 | Hearing loss, adult onset 492 257 | Diabetes mellitus 426 621 | Unipolar depressive disorders 498 089 | Interpersonal violence 1 971 682 |
| 12 | Poisonings 102 721 | Rheumatoid arthritis 85 199 | Falls 343 299 | Falls 436 206 | Breast cancer 382 074 | Osteoarthritis 470 000 | Cirrhosis of the liver 1 805 145 |
| 13 | Mental retardation, lead-caused 86 855 | Leukaemia 78 649 | War injuries 337 284 | Cirrhosis of the liver 388 639 | Stomach cancer 380 177 | Hypertensive heart disease 469 400 | Trachea, bronchus, lung cancers 1 782 564 |
| 14 | Iron-deficiency anaemia 80 108 | Epilepsy 72 618 | Drug use disorders 336 514 | War injuries 348 676 | Tuberculosis 376 260 | Breast cancer 304 171 | Osteoarthritis 1 754 814 |
| 15 | Endocrine disorders 65 356 | Dental caries 68 343 | Leukaemia 316 586 | Chronic obstructive pulmonary diseases 330 394 | Alcohol use disorders 339 902 | Cataracts 256 772 | Diabetes mellitus 1 553 767 |

Table 33. Leading Causes of Death, South-East Asia Region, India, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--------------------------------------|--|---|---|---|
| 1 | Lower respiratory infections 509 751 | Childhood-cluster diseases 53 106 | HIV/AIDS 96 988 | Tuberculosis 113 199 | Ischaemic heart disease 251 574 | Ischaemic heart disease 1 191 733 | Ischaemic heart disease 1 512 778 |
| 2 | Low birth weight 388 960 | Road traffic injuries 36 499 | Road traffic injuries 72 522 | HIV/AIDS 104 795 | Diarrhoeal diseases 137 529 | Lower respiratory infections 383 792 | Lower respiratory infections 1 006 189 |
| 3 | Diarrhoeal diseases 321 601 | Diarrhoeal diseases 31 465 | Tuberculosis 65 517 | Road traffic injuries 61 184 | Tuberculosis 117 358 | Cerebrovascular disease 369 952 | Diarrhoeal diseases 753 069 |
| 4 | Childhood-cluster diseases 188 522 | Lower respiratory infections 28 833 | Self-inflicted injuries 54 078 | Ischaemic heart disease 60 041 | Lower respiratory infections 69 109 | Diarrhoeal diseases 233 411 | Cerebrovascular diseases 466 174 |
| 5 | Birth asphyxia and birth trauma 120 577 | Drowning 18 672 | Fires 28 106 | Cirrhosis of the liver 35 996 | Cerebrovascular disease 67 115 | Chronic obstructive pulmonary diseases 153 877 | Tuberculosis 415 966 |
| 6 | Congenital heart anomalies 94 332 | HIV/AIDS 17 597 | Poisonings 20 527 | Self-inflicted injuries 34 978 | Mouth and oropharynx cancers 49 722 | Tuberculosis 107 713 | Low birth weight 388 960 |
| 7 | STD's excluding HIV 40 885 | Fires 13 119 | Cirrhosis of the liver 19 548 | Diarrhoeal diseases 21 885 | Road traffic injuries 47 406 | Hypertensive heart disease 73 990 | Road traffic injuries 294 832 |
| 8 | Protein energy malnutrition 38 259 | Self-inflicted injuries 12 141 | Maternal haemorrhage 14 941 | Rheumatic heart disease 21 733 | HIV/AIDS 39 513 | Diabetes mellitus 68 607 | HIV/AIDS 288 028 |
| 9 | Anencephaly 32 676 | Poisonings 10 006 | Drowning 14 690 | Fires 17 654 | Cervix uteri cancer 34 833 | Trachea, bronchus, lung cancers 65 672 | Childhood-cluster diseases 265 013 |
| 10 | Road traffic injuries 24 277 | Tuberculosis 7 666 | Rheumatic heart disease 14 178 | Poisonings 16 759 | Cirrhosis of the liver 27 292 | Mouth and oropharynx cancers 63 322 | Chronic obstructive pulmonary diseases 183 058 |
| 11 | HIV/AIDS 22 369 | Nephritis and nephrosis 6 879 | Childhood-cluster diseases 12 184 | Cerebrovascular disease 15 481 | Trachea, bronchus, lung cancers 27 126 | Cirrhosis of the liver 62 962 | Cirrhosis of the liver 151 545 |
| 12 | Meningitis 17 622 | Interpersonal violence 6 637 | Cervix uteri cancer 12 046 | Interpersonal violence 12 523 | Breast cancer 26 843 | Road traffic injuries 52 941 | Self-inflicted injuries 137 240 |
| 13 | Drowning 14 741 | Diabetes mellitus 6 365 | Interpersonal violence 10 919 | Inflammatory heart diseases 12 303 | Self-inflicted injuries 21 435 | Inflammatory heart diseases 47 202 | Mouth and oropharynx cancers 126 740 |
| 14 | Nephritis and nephrosis 14 073 | Congenital heart anomalies 5 816 | Leukaemia 10 894 | Lower respiratory infections 11 539 | Rheumatic heart disease 21 329 | Nephritis and nephrosis 43 864 | Birth asphyxia and birth trauma 120 577 |
| 15 | Spina bifida 13 687 | Dengue 5 701 | Maternal sepsis 9 869 | Breast cancer 11 356 | Oesophagus cancer 20 952 | Cervix uteri cancer 32 770 | Congenital heart anomalies 103 961 |

Table 34. Leading Causes of Burden of Disease, South-East Asia Region, India, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|--|--|---|---|---|--|
| 1 | Lower respiratory infections 18 048 866 | Childhood-cluster diseases 2 019 040 | Unipolar depressive disorders 5 765 741 | Unipolar depressive disorders 4 479 531 | Ischaemic heart disease 4 336 456 | Ischaemic heart disease 7 890 384 | Lower respiratory infections 23 024 016 |
| 2 | Low birth weight 14 421 692 | Road traffic injuries 1 866 156 | HIV/AIDS 3 713 396 | Tuberculosis 3 297 305 | Diarrhoeal diseases 2 139 199 | Cerebrovascular disease 2 333 358 | Diarrhoeal diseases 17 535 007 |
| 3 | Diarrhoeal diseases 11 496 011 | Fires 1 552 024 | Road traffic injuries 2 987 551 | HIV/AIDS 2 896 601 | Tuberculosis 2 060 956 | Lower respiratory infections 2 244 855 | Low birth weight 14 421 692 |
| 4 | Childhood-cluster diseases 6 928 147 | Iron-deficiency anaemia 1 441 517 | Tuberculosis 2 683 044 | Road traffic injuries 1 935 485 | Hearing loss, adult onset 1 946 555 | Diarrhoeal diseases 1 481 045 | Ischaemic heart disease 14 303 979 |
| 5 | Birth asphyxia and birth trauma 5 640 240 | Diarrhoeal diseases 1 408 587 | STD's excluding HIV 2 338 947 | Hearing loss, adult onset 1 848 311 | Unipolar depressive disorders 1 883 927 | Chronic obstructive pulmonary diseases 1 416 645 | Unipolar depressive disorders 13 947 440 |
| 6 | Congenital heart anomalies 4 506 506 | Falls 1 312 446 | Schizophrenia 2 210 568 | Ischaemic heart disease 1 683 893 | Cataracts 1 498 137 | Cataracts 1 266 965 | Childhood-cluster diseases 9 609 558 |
| 7 | Protein-energy malnutrition 3 799 619 | Unipolar depressive disorders 1 267 568 | Self-inflicted injuries 2 089 317 | Chronic obstructive pulmonary diseases 1 357 990 | Cerebrovascular disease 1 292 478 | Hearing loss, adult onset 973 738 | Tuberculosis 9 517 857 |
| 8 | STD's excluding HIV 1 681 114 | Lower respiratory infections 1 190 065 | Bipolar disorder 2 034 143 | Iron-deficiency anaemia 1 352 742 | Lower respiratory infections 1 117 806 | Tuberculosis 904 806 | Road traffic injuries 9 044 942 |
| 9 | Down syndrome 1 249 803 | Migraine 859 903 | Iron-deficiency anaemia 2 026 583 | Cirrhosis of the liver 1 046 701 | Road traffic injuries 921 324 | Diabetes mellitus 752 681 | HIV/AIDS 8 806 494 |
| 10 | Anencephaly 1 092 353 | Drowning 696 986 | Abortion 1 537 155 | Osteoarthritis 1 012 755 | Chronic obstructive pulmonary diseases 842 841 | Osteoarthritis 618 925 | Iron-deficiency anaemia 6 515 612 |
| 11 | Falls 1 027 797 | HIV/AIDS 665 027 | Fires 1 228 398 | Self-inflicted injuries 973 409 | Osteoarthritis 839 808 | Unipolar depressive disorders 550 672 | Hearing loss, adult onset 5 692 926 |
| 12 | Road traffic injuries 935 881 | Asthma 664 752 | Tropical-cluster diseases 1 189 475 | STD's excluding HIV 613 474 | Mouth and oropharynx cancers 798 643 | Cirrhosis of the liver 455 181 | Birth asphyxia and birth trauma 5 640 240 |
| 13 | Meningitis 826 987 | Self-inflicted injuries 454 156 | Obstructed labour 1 111 839 | Rheumatic heart disease 593 040 | Cirrhosis of the liver 773 127 | Trachea, bronchus, lung cancers 453 779 | Cerebrovascular disease 5 144 168 |
| 14 | HIV/AIDS 773 173 | Tuberculosis 407 470 | Panic disorder 1 107 854 | Alcohol use disorders 589 427 | Alzheimer and other dementias 730 473 | Hypertensive heart disease 449 475 | STD's excluding HIV 5 133 994 |
| 15 | Spina bifida 600 933 | Poisoning 403 151 | Hearing loss, adult onset 924 323 | Fires 585 664 | Iron-deficiency anaemia 728 721 | Mouth and oropharynx cancers 433 552 | Congenital heart anomalies 4 810 965 |

Table 35. Leading Causes of Death, South-East Asia Region, Other Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|---------------------------------------|--|--|---|---|
| 1 | Lower respiratory infections 176 921 | Diarrhoeal diseases 18 520 | Road traffic injuries 53 535 | Tuberculosis 48 762 | Ischaemic heart disease 80 527 | Ischaemic heart disease 316 195 | Ischaemic heart disease 430 062 |
| 2 | Diarrhoeal diseases 108 636 | Lower respiratory infections 17 790 | Tuberculosis 37 872 | HIV/AIDS 38 965 | Tuberculosis 70 260 | Cerebrovascular disease 255 251 | Cerebrovascular disease 339 328 |
| 3 | Low birth weight 106 415 | Childhood-cluster diseases 16 120 | HIV/AIDS 33 771 | Road traffic injuries 36 097 | Cerebrovascular disease 55 630 | Chronic obstructive pulmonary diseases 102 826 | Lower respiratory infections 332 940 |
| 4 | Childhood-cluster diseases 89 015 | Road traffic injuries 9 451 | Fires 15 620 | Ischaemic heart disease 25 369 | Cirrhosis of the liver 23 607 | Lower respiratory infections 102 065 | Tuberculosis 257 614 |
| 5 | Birth asphyxia and birth trauma 82 122 | Tuberculosis 8 067 | Self-inflicted injuries 12 521 | Cerebrovascular disease 17 801 | Hypertensive heart disease 22 826 | Tuberculosis 89 129 | Diarrhoeal diseases 198 178 |
| 6 | Congenital heart anomalies 43 408 | Fires 6 334 | War injuries 12 124 | Cirrhosis of the liver 16 319 | Road traffic injuries 18 524 | Hypertensive heart disease 87 439 | Road traffic injuries 140 405 |
| 7 | Anencephaly 18 009 | War injuries 4 765 | Lower respiratory infections 8 337 | Diarrhoeal diseases 13 010 | Diabetes mellitus 18 224 | Diabetes mellitus 66 938 | Chronic obstructive pulmonary diseases 123 881 |
| 8 | Protein-energy malnutrition 9 605 | Drowning 3 996 | Ischaemic heart disease 7 278 | Lower respiratory infections 12 562 | Breast cancer 16 358 | Nephritis and nephrosis 37 811 | Hypertensive heart disease 120 571 |
| 9 | Endocrine disorders 9 252 | Nephritis and nephrosis 2 500 | Rheumatic heart disease 7 151 | War Injuries 12 254 | Trachea, bronchus, lung cancers 15 292 | Diarrhoeal diseases 36 857 | Childhood-cluster diseases 115 110 |
| 10 | Meningitis 8 888 | Rheumatic heart disease 2 332 | Diarrhoeal diseases 6 731 | Fires 10 929 | Lower respiratory infections 15 263 | Trachea, bronchus, lung cancers 35 203 | Low birth weight 106 423 |
| 11 | Road traffic injuries 7 891 | Congenital heart anomalies 2 304 | Nephritis and nephrosis 6 417 | Nephritis and nephrosis 10 088 | Mouth and oropharynx cancers 14 990 | Cirrhosis of the liver 26 512 | Diabetes mellitus 93 782 |
| 12 | Spina bifida 6 479 | Malaria 1 831 | Cerebrovascular disease 6 096 | Breast cancer 9 413 | Nephritis and nephrosis 14 898 | Alzheimer and other dementias 21 257 | HIV/AIDS 83 099 |
| 13 | Alzheimer and other dementias 5 765 | Leukaemia 1 764 | Malaria 5 727 | Self-inflicted injuries 9 394 | Chronic obstructive pulmonary diseases 14 720 | Liver cancer 19 982 | Birth asphyxia and birth trauma 82 562 |
| 14 | Nephritis and nephrosis 5 592 | Falls 1 753 | Interpersonal violence 5 431 | Hypertensive heart disease 8 139 | Diarrhoeal diseases 14 422 | Mouth and oropharynx cancers 19 391 | Nephritis and nephrosis 77 308 |
| 15 | Drowning 4 615 | Meningitis 1 749 | Maternal haemorrhage 4 885 | Malaria 6 782 | Liver cancer 12 785 | Asthma 18 867 | Cirrhosis of the liver 71 350 |

Table 36. Leading Causes of Burden of Disease, South-East Asia Region, Other Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|--|---|---|---|--|
| 1 | Lower respiratory infections 6 308 466 | Diarrhoeal diseases 789 693 | Unipolar depressive disorders 2 488 038 | Unipolar depressive disorders 1 923 162 | Ischaemic heart disease 1 410 846 | Ischaemic heart disease 2 033 315 | Lower respiratory infections 8 459 796 |
| 2 | Low birth weight 3 950 513 | Lower respiratory infections 721 289 | Road traffic injuries 2 342 911 | Tuberculosis 1 489 485 | Tuberculosis 1 239 766 | Cerebrovascular disease 1 625 139 | Unipolar depressive disorders 6 007 254 |
| 3 | Diarrhoeal diseases 3 880 958 | Unipolar depressive disorders 640 587 | Tuberculosis 1 574 233 | Road traffic injuries 1 217 458 | Cerebrovascular disease 1 037 089 | Chronic obstructive pulmonary diseases 825 548 | Diarrhoeal diseases 5 828 422 |
| 4 | Birth asphyxia and birth trauma 3 349 536 | Childhood-cluster diseases 618 121 | HIV/AIDS 1 314 662 | HIV/AIDS 1 114 620 | Hearing loss, adult onset 1 008 365 | Tuberculosis 700 837 | Tuberculosis 5 474 312 |
| 5 | Childhood-cluster diseases 3 243 360 | Iron-deficiency anaemia 592 411 | Schizophrenia 1 208 051 | Hearing loss, adult onset 797 418 | Unipolar depressive disorders 743 588 | Hearing loss, adult onset 626 144 | Road traffic injuries 4 987 363 |
| 6 | Congenital heart anomalies 2 055 997 | Road traffic injuries 582 620 | Iron deficiency anaemia 1 125 286 | Iron-deficiency anaemia 750 762 | Cataracts 623 566 | Diabetes mellitus 575 126 | Ischaemic heart disease 4 458 736 |
| 7 | Protein-energy malnutrition 1 333 539 | Fires 522 970 | Bipolar disorder 1 094 003 | Ischaemic heart disease 710 553 | Cirrhosis of the liver 529 590 | Lower respiratory infections 545 277 | Childhood-cluster diseases 4 117 718 |
| 8 | Anencephaly 603 218 | Falls 489 155 | STD's excluding HIV 948 594 | Cerebrovascular disease 561 411 | Chronic obstructive pulmonary diseases 478 916 | Hypertensive heart disease 531 295 | Low birth weight 3 950 832 |
| 9 | Down syndrome 477 182 | Intestinal nematode infections 394 310 | Abortion 649 869 | Osteoarthritis 543 029 | Diabetes mellitus 453 707 | Cataracts 495 565 | Cerebrovascular disease 3 742 228 |
| 10 | Meningitis 403 930 | Migraine 358 234 | Fires 611 129 | Chronic obstructive pulmonary diseases 519 365 | Osteoarthritis 420 822 | Alzheimer and other dementias 362 335 | Birth asphyxia and birth trauma 3 364 004 |
| 11 | Endocrine disorders 350 540 | Tuberculosis 345 345 | Panic disorder 603 666 | Cirrhosis of the liver 462 399 | Road traffic injuries 391 656 | Osteoarthritis 281 885 | Iron-deficiency anaemia 3 161 170 |
| 12 | Falls 340 519 | Asthma 331 371 | War injuries 541 515 | War injuries 414 944 | Hypertensive heart disease 353 544 | Trachea, bronchus, lung cancers 250 305 | Hearing loss, adult onset 2 813 389 |
| 13 | Road traffic injuries 319 753 | Schizophrenia 258 991 | Obstructed labour 518 352 | Diarrhoeal diseases 367 248 | Iron-deficiency anaemia 299 519 | Nephritis and nephrosis 239 685 | HIV/AIDS 2 669 753 |
| 14 | Spina bifida 281 431 | War injuries 206 758 | Self-inflicted injuries 508 981 | Lower respiratory infections 324 304 | Breast cancer 289 369 | Cirrhosis of the liver 234 008 | Congenital heart anomalies 2 205 306 |
| 15 | Iron-deficiency anaemia 227 097 | Tropical-cluster diseases 206 099 | Asthma 421 268 | Fires 319 231 | Lower respiratory infections 262 797 | Diarrhoeal diseases 233 893 | Chronic obstructive 2 064 231 |

Table 37. Leading Causes of Death, Western Pacific Region, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|-------------------------------------|-------------------------------------|--|---|--|--|
| <i>1</i> | Congenital heart anomalies 2 585 | Road traffic injuries 873 | Road traffic injuries 7 623 | Self-inflicted injuries 7 598 | Cerebrovascular disease 16 297 | Cerebrovascular disease 204 129 | Cerebrovascular disease 224 485 |
| <i>2</i> | Birth asphyxia and birth trauma 1 310 | Drowning 400 | Self-inflicted injuries 5 476 | Road traffic injuries 5 893 | Ischaemic heart disease 14 334 | Ischaemic heart disease 138 041 | Ischaemic heart disease 154 863 |
| <i>3</i> | Road traffic injuries 657 | Leukaemia 298 | Drowning 848 | Cirrhosis of the liver 3 506 | Trachea, bronchus, lung cancers 11 321 | Lower respiratory infections 101 221 | Lower respiratory infections 105 391 |
| <i>4</i> | Lower respiratory infections 604 | Lower respiratory infections 137 | Leukaemia 666 | Cerebrovascular disease 3 367 | Stomach cancer 10 950 | Trachea, bronchus, lung cancers 62 495 | Trachea, bronchus, lung cancers 75 499 |
| <i>5</i> | Low birth weight 481 | Self-inflicted injuries 135 | Falls 646 | Stomach cancer 2 539 | Self-inflicted injuries 10 460 | Stomach cancer 59 652 | Stomach cancer 73 448 |
| <i>6</i> | Drowning 305 | Congenital heart anomalies 124 | Cerebrovascular disease 510 | Ischaemic heart disease 2 206 | Cirrhosis of the liver 10 203 | Colon and rectum cancers 39 557 | Colon and rectum cancers 48 476 |
| <i>7</i> | Endocrine disorders 244 | Interpersonal violence 103 | Interpersonal violence 506 | Liver cancer 1 630 | Liver cancer 9 318 | Liver cancer 36 418 | Liver cancer 47 510 |
| <i>8</i> | Leukaemia 215 | Fires 90 | Poisonings 360 | Trachea, bronchus, lung cancers 1 569 | Colon and rectum cancer 7 557 | Chronic obstructive pulmonary diseases 26 168 | Self-inflicted injuries 34 973 |
| <i>9</i> | Meningitis 190 | Falls 82 | Drug use disorders 310 | Breast cancer 1 556 | Road traffic injuries 6 416 | Diabetes mellitus 25 048 | Road traffic injuries 31 709 |
| <i>10</i> | Falls 173 | Endocrine disorders 76 | Stomach cancer 301 | Colon and rectum cancers 1 201 | Breast cancer 4 759 | Nephritis and nephrosis 24 630 | Diabetes mellitus 29 821 |
| <i>11</i> | Down syndrome 150 | Cerebrovascular diseases 76 | Epilepsy 293 | Falls 947 | Diabetes mellitus 3 761 | Pancreas cancer 19 693 | Cirrhosis of the liver 28 838 |
| <i>12</i> | Interpersonal violence 134 | Lymphomas, multiple myeloma 60 | Lower respiratory infections 277 | Diabetes mellitus 874 | Pancreas cancer 3 372 | Hypertensive heart disease 15 723 | Chronic obstructive pulmonary diseases 26 991 |
| <i>13</i> | Inflammatory heart diseases 128 | Inflammatory heart disease 59 | Ischaemic heart disease 273 | Leukaemia 866 | Oesophagus cancer 2 748 | Cirrhosis of the liver 15 000 | Nephritis and nephrosis 26 743 |
| <i>14</i> | Epilepsy 113 | Epilepsy 55 | Lymphomas, multiple myeloma 248 | Drowning 811 | Lower respiratory infections 2 509 | Lymphomas, multiple Myeloma 12 350 | Pancreas cancer 23 481 |
| <i>15</i> | Fires 105 | Asthma 46 | Fires 223 | Interpersonal violence 664 | Lymphomas, multiple myeloma 2 278 | Asthma 11 852 | Hypertensive heart disease 16 947 |

Table 38. Leading Causes of Burden of Disease, Western Pacific Region, High-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|--|--|---|---|---|
| <i>1</i> | Congenital heart anomalies 197 264 | Asthma 108 265 | Unipolar depressive disorders 419 566 | Unipolar depressive disorders 455 182 | Cerebrovascular disease 443 062 | Cerebrovascular disease 1 038 440 | Cerebrovascular disease 1 682 377 |
| <i>2</i> | Falls 80 057 | Unipolar depressive disorders 108 050 | Alcohol use disorders 326 275 | Alcohol use disorders 233 973 | Unipolar depressive disorders 321 536 | Ischaemic heart disease 604 051 | Unipolar depressive disorders 1 419 120 |
| <i>3</i> | Birth asphyxia and birth trauma 79 743 | Schizophrenia 71 273 | Road traffic injuries 312 765 | Self-inflicted injuries 200 413 | Ischaemic heart disease 239 849 | Alzheimer and other dementias 488 350 | Ischaemic heart disease 933 209 |
| <i>4</i> | Asthma 50 228 | Falls 57 989 | Bipolar disorder 301 927 | Road traffic injuries 178 493 | Osteoarthritis 222 738 | Osteoarthritis 406 462 | Osteoarthritis 754 876 |
| <i>5</i> | Childhood-cluster diseases 42 741 | Migraine 55 200 | Schizophrenia 240 891 | Cerebrovascular disease 154 240 | Cirrhosis of the liver 200 090 | Trachea, bronchus, lung cancers 357 623 | Road traffic injuries 752 593 |
| <i>6</i> | Lower respiratory infections 41 597 | Iron-deficiency anaemia 53 857 | Self-inflicted injuries 198 048 | Hearing loss, adult onset 141 600 | Hearing loss, adult onset 193 837 | Stomach cancer 352 888 | Alcohol use disorders 696 890 |
| <i>7</i> | Down syndrome 39 555 | Road traffic injuries 47 458 | Drug use disorders 169 711 | Osteoarthritis 108 151 | Diabetes mellitus 186 642 | Chronic obstructive pulmonary diseases 319 089 | Self-inflicted injuries 644 359 |
| <i>8</i> | Protein-energy malnutrition 37 766 | Intestinal nematode infections 29 961 | Asthma 167 897 | Chronic obstructive pulmonary diseases 92 384 | Stomach cancer 180 949 | Diabetes mellitus 291 295 | Stomach cancer 609 030 |
| <i>9</i> | Endocrine disorders 30 564 | Dental caries 23 785 | Panic disorder 157 829 | Iron-deficiency anaemia 91 951 | Trachea, bronchus, lung cancers 174 177 | Lower respiratory infections 289 610 | Diabetes mellitus 590 994 |
| <i>10</i> | Road traffic injuries 26 051 | Epilepsy 21 369 | Migraine 140 218 | Cirrhosis of the liver 88 392 | Self-inflicted injuries 168 028 | Colon and rectum cancers 254 970 | Trachea, bronchus, lung cancers 573 338 |
| <i>11</i> | Low birth weight 20 958 | Otitis media 16 045 | Iron-deficiency anaemia 100 016 | Diabetes mellitus 80 137 | Colon and rectum cancers 144 572 | Liver cancer 239 999 | Alzheimer and other dementias 561 485 |
| <i>12</i> | Diarrhoeal diseases 20 240 | Endocrine disorders 15 550 | Falls 80 961 | Falls 77 688 | Liver cancer 143 412 | Hearing loss, adult onset 145 706 | Chronic obstructive pulmonary diseases 538 011 |
| <i>13</i> | Mental retardation, lead-caused 14 128 | Drowning 14 941 | Obsessive-compulsive disorder 47 853 | Drug use disorders 74 519 | Road traffic injuries 116 578 | Cirrhosis of the liver 122 601 | Hearing loss, adult onset 527 669 |
| <i>14</i> | Dental carries 14 004 | Leukaemia 11 624 | Post-traumatic stress disorder 47 289 | Stomach cancer 64 820 | Alcohol use disorders 110 501 | Unipolar depressive disorders 114 786 | Asthma 470 292 |
| <i>15</i> | Iron-deficiency anaemia 13 677 | Diarrhoeal diseases 10 278 | Hearing loss, adult onset 46 527 | Ischaemic heart disease 64 605 | Chronic obstructive pulmonary diseases 106 359 | Pancreas cancer 108 955 | Colon and rectum cancers 440 667 |

Table 39. Leading Causes of Death, Western Pacific Region, China, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|--------------------------------------|--|--|---|---|
| 1 | Lower respiratory infections 247 221 | Drowning 39 779 | Self-inflicted injuries 67 821 | Self-inflicted injuries 73 290 | Cerebrovascular disease 179 141 | Chronic obstructive pulmonary diseases 1 352 380 | Cerebrovascular disease 1 487 124 |
| 2 | Birth asphyxia and birth trauma 137 522 | Road traffic injuries 16 034 | Road traffic injuries 65 299 | Road traffic injuries 66 041 | Liver cancer 114 223 | Cerebrovascular disease 1 266 916 | Chronic obstructive pulmonary diseases 1 459 930 |
| 3 | Low birth weight 75 689 | Leukaemia 8 026 | Drowning 22 358 | Liver cancer 56 899 | Chronic obstructive pulmonary diseases 88 956 | Ischaemic heart disease 523 397 | Ischaemic heart disease 641 726 |
| 4 | Drowning 58 099 | Congenital heart disease 7 626 | Congenital heart anomalies 15 466 | Cerebrovascular disease 33 455 | Ischaemic heart diseases 85 981 | Trachea, bronchus, lung cancers 208 264 | Liver cancer 338 999 |
| 5 | Congenital heart anomalies 36 813 | Lower respiratory infections 6 257 | Leukaemia 13 020 | Tuberculosis 26 357 | Trachea, bronchus, lung cancers 78 717 | Hypertensive heart disease 195 404 | Trachea, bronchus, lung cancers 302 824 |
| 6 | Diarrhoeal diseases 23 905 | Childhood cluster diseases 4 546 | Tuberculosis 11 081 | Ischaemic heart disease 25 278 | Stomach cancer 69 142 | Stomach cancer 194 603 | Lower respiratory infections 300 728 |
| 7 | Upper respiratory infections 18 872 | Poisonings 4 051 | Interpersonal violence 10 489 | Cirrhosis of the liver 21 038 | Self-inflicted injuries 56 789 | Liver cancer 157 422 | Self-inflicted injuries 295 319 |
| 8 | Childhood-cluster diseases 17 180 | Falls 3 763 | Liver cancer 9 287 | Stomach cancer 17 953 | Tuberculosis 52 750 | Tuberculosis 152 699 | Stomach cancer 284 748 |
| 9 | Protein-energy malnutrition 15 031 | Self-inflicted injuries 2 649 | Poisonings 9 085 | Chronic obstructive pulmonary diseases 15 888 | Oesophagus cancer 47 089 | Oesophagus cancer 144 982 | Tuberculosis 244 510 |
| 10 | Road traffic injuries 10 642 | Interpersonal violence 1 943 | Falls 9 048 | Nephritis and nephrosis 15 621 | Road traffic injuries 46 786 | Self-inflicted injuries 94 769 | Road traffic injuries 243 250 |
| 11 | Poisonings 7 140 | Diarrhoeal diseases 1 690 | Nephritis and nephrosis 8 216 | Trachea, bronchus, lung cancers 14 184 | Cirrhosis of the liver 43 671 | Cirrhosis of the liver 76 897 | Hypertensive heart disease 234 403 |
| 12 | Falls 5 344 | Intestinal nematode infections 1 415 | Ischaemic heart disease 6 742 | Rheumatic heart disease 13 016 | Hypertensive heart disease 32 422 | Diabetes mellitus 67 005 | Oesophagus cancer 200 694 |
| 13 | Endocrine disorders 3 969 | Nephritis and nephrosis 1 204 | Rheumatic heart disease 5 462 | Drowning 11 944 | Rheumatic heart disease 22 271 | Colon and rectum cancers 57 982 | Drowning 157 729 |
| 14 | Leukaemia 3 833 | Meningitis 892 | HIV/AIDS 5 310 | Falls 11 562 | Nephritis and nephrosis 21 746 | Nephritis and nephrosis 57 298 | Cirrhosis of the liver 146 158 |
| 15 | Meningitis 3 228 | Fires 890 | Cerebrovascular disease 5 252 | Poisonings 10 222 | Colon and rectum cancer 18 191 | Rheumatic heart disease 55 829 | Birth asphyxia and birth trauma 137 522 |

Table 40. Leading Causes of Burden of Disease, Western Pacific Region, China, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|---|---|---|--|--|
| 1 | Lower respiratory infections 8 908 333 | Drowning 1 484 349 | Unipolar depressive disorders 3 626 739 | Unipolar depressive disorders 4 041 639 | Chronic obstructive pulmonary diseases 3 583 101 | Chronic obstructive pulmonary diseases 10 748 697 | Chronic obstructive pulmonary diseases 17 477 169 |
| 2 | Birth asphyxia and birth trauma 5 373 936 | Iron-deficiency anaemia 1 321 828 | Road traffic injuries 2 890 120 | Chronic obstructive pulmonary diseases 2 593 990 | Cerebrovascular disease 3 582 709 | Cerebrovascular disease 7 399 482 | Cerebrovascular disease 12 565 142 |
| 3 | Low birth weight 2 648 657 | Falls 1 278 029 | Self-inflicted injuries 2 659 452 | Road traffic injuries 2 238 707 | Unipolar depressive disorders 2 776 701 | Ischaemic heart disease 3 047 248 | Unipolar depressive disorders 12 203 707 |
| 4 | Congenital heart anomalies 2 363 503 | Intestinal nematode infections 1 051 186 | Schizophrenia 2 646 322 | Self-inflicted injuries 2 123 356 | Liver cancer 1 835 532 | Trachea, bronchus, lung cancers 1 480 535 | Lower respiratory infections 9 542 683 |
| 5 | Drowning 2 041 708 | Unipolar depressive disorders 1 006 534 | Bipolar disorder 2 539 963 | Iron-deficiency anaemia 1 717 389 | Ischaemic heart disease 1 544 579 | Stomach cancer 1 326 983 | Road traffic injuries 7 763 135 |
| 6 | Protein-energy malnutrition 1 499 489 | Road traffic injuries 889 809 | Iron-deficiency anaemia 1 935 214 | Liver cancer 1 398 518 | Trachea, bronchus, lung cancers 1 230 306 | Alzheimer and other dementias 1 153 159 | Iron-deficiency anaemia 6 832 508 |
| 7 | Falls 1 325 432 | Asthma 642 834 | Panic disorder 1 267 111 | Cerebrovascular disease 1 172 537 | Hearing loss, adult onset 1 093 564 | Liver cancer 1 120 352 | Self-inflicted injuries 6 510 100 |
| 8 | Diarrhoeal diseases 987 920 | Lower respiratory infections 346 519 | Migraine 1 263 817 | Falls 1 158 006 | Stomach cancer 1 091 948 | Osteoarthritis 1 089 958 | Falls 5 774 347 |
| 9 | Childhood-cluster diseases 844 702 | Schizophrenia 323 729 | Falls 1 218 286 | Hearing loss, adult onset 1 078 695 | Osteoarthritis 1 068 532 | Hypertensive heart disease 1 080 730 | Ischaemic heart disease 5 578 442 |
| 10 | Upper respiratory infections 632 346 | Leukaemia 306 624 | Alcohol use disorders 1 170 246 | Osteoarthritis 1 030 096 | Iron-deficiency anaemia 1 046 965 | Tuberculosis 1 051 205 | Birth asphyxia and birth trauma 5 373 936 |
| 11 | Road traffic injuries 429 773 | Diarrhoeal diseases 298 527 | Asthma 774 146 | Tuberculosis 896 988 | Cirrhosis of the liver 1 026 501 | Oesophagus cancer 973 718 | Drowning 4 853 973 |
| 12 | Dental caries 314 981 | Congenital heart anomalies 284 735 | Drowning 766 945 | Alcohol use disorders 817 775 | Self-inflicted injuries 997 120 | Unipolar depressive disorders 752 094 | Liver cancer 4 705 115 |
| 13 | Iron-deficiency anaemia 305 164 | Otitis media 207 230 | Tuberculosis 607 089 | Ischaemic heart disease 720 811 | Road traffic injuries 994 499 | Diabetes mellitus 701 653 | Tuberculosis 3 622 287 |
| 14 | Poisonings 303 127 | Childhood-cluster diseases 240 693 | Chronic obstructive pulmonary diseases 540 193 | Cirrhosis of the liver 589 934 | Tuberculosis 970 938 | Cirrhosis of the liver 668 946 | Schizophrenia 3 528 655 |
| 15 | Asthma 270 269 | Migraine 180 525 | Congenital heart anomalies 531 142 | Gout 557 211 | Oesophagus cancer 730 815 | Self-inflicted injuries 631 138 | Osteoarthritis 3 484 319 |

Table 41. Leading Causes of Death, Western Pacific Region, Other Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|---|--|---------------------------------------|---------------------------------------|---|--|--|
| 1 | Lower respiratory infections 72 068 | Lower respiratory infections 15 253 | Road traffic injuries 10 011 | Tuberculosis 13 931 | Ischaemic heart disease 22 473 | Cerebrovascular disease 102 748 | Ischaemic heart disease 135 411 |
| 2 | Diarrhoeal diseases 26 546 | Diarrhoeal diseases 6 223 | Interpersonal violence 9 992 | Ischaemic heart disease 9 172 | Tuberculosis 22 428 | Ischaemic heart disease 100 830 | Lower respiratory infections 133 962 |
| 3 | Birth asphyxia and birth trauma 22 132 | Childhood-cluster diseases 3 744 | Tuberculosis 7 701 | Interpersonal violence 8 895 | Cerebrovascular disease 16 861 | Chronic obstructive pulmonary diseases 72 661 | Cerebrovascular disease 128 072 |
| 4 | Low birth weight 22 109 | Drowning 3 210 | HIV/AIDS 6 705 | HIV/AIDS 8 114 | Hypertensive heart disease 10 576 | Hypertensive heart disease 43 154 | Tuberculosis 86 176 |
| 5 | Childhood-cluster diseases 22 052 | Road traffic injuries 2 912 | Self-inflicted injuries 5 046 | Road traffic injuries 7 139 | Trachea, bronchus, lung cancers 6 182 | Tuberculosis 39 185 | Chronic obstructive pulmonary diseases 80 529 |
| 6 | Congenital heart anomalies 5 751 | Malaria 2 443 | Malaria 4 312 | Cerebrovascular disease 5 927 | Cirrhosis of the liver 5 828 | Lower respiratory infections 35 756 | Hypertensive heart disease 58 402 |
| 7 | Meningitis 3 408 | Tuberculosis 1 686 | Lower respiratory infections 3 936 | Cirrhosis of the liver 4 438 | Chronic obstructive pulmonary diseases 5 323 | Diabetes mellitus 15 156 | Diarrhoeal diseases 40 905 |
| 8 | Protein-energy malnutrition 3 171 | Interpersonal violence 1 534 | Rheumatic heart disease 3 348 | Hypertensive heart disease 3 952 | Breast cancer 4 631 | Trachea, bronchus, lung cancers 14 678 | Road traffic injuries 29 102 |
| 9 | Anencephaly 2 125 | Leukaemia 1 443 | Ischaemic heart disease 2 851 | Malaria 3 720 | Diabetes mellitus 4 348 | Nephritis and nephrosis 11 324 | Childhood-cluster diseases 28 188 |
| 10 | Drowning 1 887 | Congenital heart anomalies 1 129 | Nephritis and nephrosis 2 619 | Self-inflicted injuries 3 481 | Liver cancer 4 309 | Peptic ulcer disease 8 064 | Interpersonal violence 27 488 |
| 11 | Endocrine disorders 1 607 | Meningitis 1 089 | Drowning 2 342 | Nephritis and nephrosis 3 444 | Nephritis and nephrosis 4 228 | Asthma 7 988 | Nephritis and nephrosis 23 581 |
| 12 | Tuberculosis 1 242 | Nephritis and nephrosis 1 043 | Leukaemia 1 931 | Lower respiratory infections 2 948 | Road traffic injuries 4 173 | Cirrhosis of the liver 7 886 | Trachea, bronchus, lung cancers 22 495 |
| 13 | STD's excluding HIV 1 131 | Rheumatic heart disease 1 014 | Cerebrovascular disease 1 805 | Liver cancer 2 918 | Lower respiratory infections 3 998 | Stomach cancer 6 459 | Birth asphyxia and birth trauma 22 190 |
| 14 | Road traffic injuries 1 045 | Intestinal nematode infections 976 | Diarrhoeal diseases 1 656 | Breast cancer 2 715 | Interpersonal violence 3 956 | Liver cancer 5 850 | Diabetes mellitus 22 163 |
| 15 | Interpersonal violence 993 | War injuries 852 | Fires 1 585 | Rheumatic heart disease 2 659 | Mouth and oropharynx cancers 3 072 | Endocrine disorders 5 556 | Low birth weight 22 124 |

Table 42. Leading Causes of Burden of Disease, Western Pacific Region, Other Low- and Middle-Income Countries, Both Sexes, 2000

| <i>Rank</i> | <i>0-4 years</i> | <i>5-14 years</i> | <i>15-29 years</i> | <i>30-44 years</i> | <i>45-59 years</i> | <i>≥ 60 years</i> | <i>All Ages</i> |
|-------------|--|---|--|---|---|---|---|
| 1 | Lower respiratory infections 2 665 943 | Lower respiratory infections 593 754 | Unipolar depressive disorders 730 512 | Unipolar depressive disorders 592 832 | Tuberculosis 400 196 | Chronic obstructive pulmonary diseases 601 672 | Lower respiratory infections 3 716 345 |
| 2 | Birth asphyxia and birth trauma 1 137 868 | Intestinal nematode infections 285 470 | Road traffic injuries 546 654 | Tuberculosis 430 521 | Ischaemic heart disease 389 953 | Ischaemic heart disease 588 987 | Unipolar depressive disorders 1 892 705 |
| 3 | Diarrhoeal disease 1 008 143 | Diarrhoeal diseases 266 714 | Schizophrenia 495 778 | Chronic obstructive pulmonary diseases 317 496 | Cerebrovascular disease 324 453 | Cerebrovascular disease 576 340 | Tuberculosis 1 578 812 |
| 4 | Childhood-cluster diseases 880 327 | Unipolar depressive disorders 246 524 | Iron-deficiency anaemia 437 885 | Road traffic injuries 291 950 | Hearing loss, adult onset 291 706 | Tuberculosis 280 884 | Diarrhoeal diseases 1 449 312 |
| 5 | Protein-energy malnutrition 841 667 | Iron-deficiency anaemia 197 552 | Bipolar disorder 435 266 | Iron-deficiency anaemia 290 788 | Unipolar depressive disorder 250 457 | Hypertensive heart disease 249 115 | Ischaemic heart disease 1 339 973 |
| 6 | Low birth weight 783 074 | Road traffic injuries 179 679 | HIV/AIDS 364 343 | HIV/AIDS 281 183 | Chronic obstructive pulmonary diseases 249 503 | Cataracts 194 907 | Chronic obstructive pulmonary diseases 1 290 702 |
| 7 | Congenital heart anomalies 585 577 | Falls 164 264 | Interpersonal violence 359 943 | Hearing loss, adult onset 264 678 | Cataracts 217 564 | Hearing loss, adult onset 174 769 | Cerebrovascular diseases 1 265 659 |
| 8 | Meningitis 173 981 | Childhood-cluster diseases 147 258 | Tuberculosis 349 162 | Ischaemic heart disease 251 170 | Hypertensive heart disease 165 707 | Lower respiratory infections 168 028 | Road traffic injuries 1 206 911 |
| 9 | Down syndrome 170 856 | Asthma 126 486 | STD's excluding HIV 278 897 | Interpersonal violence 243 564 | Cirrhosis of the liver 147 220 | Diabetes mellitus 132 434 | Iron-deficiency anaemia 1 204 599 |
| 10 | Iron-deficiency anaemia 134 719 | Schizophrenia 119 956 | Panic disorder 239 204 | Cerebrovascular disease 211 252 | Osteoarthritis 140 371 | Alzheimer and other dementias 122 687 | Birth asphyxia and birth trauma 1 139 564 |
| 11 | Falls 119 602 | Drowning 119 788 | Self-inflicted injuries 202 796 | Osteoarthritis 211 202 | Diabetes mellitus 114 284 | Trachea, bronchus, lung cancers 102 247 | Childhood-cluster diseases 1 090 376 |
| 12 | Endocrine disorders 100 176 | Malaria 118 549 | Falls 188 467 | Falls 127 411 | Road traffic injuries 97 266 | Osteoarthritis 90 150 | Protein-energy malnutrition 869 967 |
| 13 | Asthma 95 059 | Migraine 109 206 | Abortion 185 822 | Cirrhosis of the liver 126 700 | Trachea, bronchus, lung cancers 95 543 | Edentulism 73 580 | Hearing loss, adult onset 852 453 |
| 14 | STD's excluding HIV 74 654 | Tuberculosis 74 225 | Obstructed labour 169 364 | Cataracts 103 454 | Iron-deficiency anaemia 94 185 | Unipolar depressive disorders 72 381 | Interpersonal violence 791 676 |
| 15 | Anencephaly 71 496 | Epilepsy 74 083 | Malaria 164 256 | Self-inflicted injuries 101 627 | Breast cancer 83 171 | Cirrhosis of the liver 67 613 | Low birth weight 783 501 |

Appendix 1

Population estimates for WHO regions by sex and age group, 2000 (millions)

| WHO region and income level | Total | Males | | | | | | | | | Females | | | | | | | | |
|-------------------------------------|-------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|--------------|-------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|--------------|-------------|
| | | 0-4 years | 5-14 years | 15-29 years | 30-44 years | 45-59 years | 60-69 years | 70-79 years | ≥80 years | All ages | 0-4 years | 5-14 years | 15-29 years | 30-44 years | 45-59 years | 60-69 years | 70-79 years | ≥80 years | All ages |
| WORLD | 6 045 | 314 | 616 | 797 | 643 | 404 | 162 | 85 | 24 | 3 045 | 298 | 583 | 762 | 622 | 402 | 177 | 112 | 45 | 3 000 |
| African Region ^a | | | | | | | | | | | | | | | | | | | |
| Low- and middle-income | 640 | 55 | 87 | 89 | 48 | 26 | 9 | 4 | 1 | 319 | 54 | 86 | 88 | 49 | 27 | 10 | 5 | 1 | 321 |
| Region of the Americas | | | | | | | | | | | | | | | | | | | |
| High-income | 314 | 11 | 23 | 32 | 38 | 29 | 11 | 8 | 3 | 155 | 11 | 22 | 31 | 37 | 29 | 12 | 10 | 5 | 159 |
| Low- and middle-income | 513 | 28 | 55 | 72 | 52 | 30 | 11 | 6 | 2 | 254 | 27 | 53 | 72 | 54 | 32 | 12 | 7 | 4 | 259 |
| South-East Asia Region ^a | | | | | | | | | | | | | | | | | | | |
| India | 1 009 | 60 | 115 | 143 | 105 | 61 | 23 | 11 | 3 | 520 | 56 | 107 | 131 | 96 | 59 | 25 | 12 | 3 | 489 |
| Other low- and middle-income | 527 | 30 | 58 | 76 | 55 | 30 | 11 | 5 | 1 | 266 | 29 | 55 | 74 | 53 | 30 | 12 | 6 | 2 | 261 |
| European Region | | | | | | | | | | | | | | | | | | | |
| High-income | 395 | 11 | 23 | 39 | 46 | 37 | 19 | 13 | 5 | 193 | 10 | 22 | 38 | 45 | 37 | 21 | 18 | 10 | 201 |
| Low- and middle-income | 479 | 15 | 38 | 59 | 52 | 37 | 18 | 9 | 2 | 231 | 15 | 37 | 57 | 52 | 40 | 24 | 17 | 6 | 248 |
| Eastern Mediterranean Region | | | | | | | | | | | | | | | | | | | |
| High-income | 6 | <1 | 1 | 1 | 1 | 1 | <1 | <1 | <1 | 4 | <1 | 1 | 1 | <1 | <1 | <1 | <1 | <1 | 2 |
| Low- and middle-income | 476 | 35 | 62 | 67 | 42 | 24 | 8 | 4 | 1 | 243 | 33 | 59 | 65 | 40 | 23 | 8 | 4 | 1 | 233 |
| Western Pacific Region | | | | | | | | | | | | | | | | | | | |
| High-income | 201 | 6 | 12 | 23 | 22 | 20 | 10 | 5 | 2 | 99 | 5 | 11 | 21 | 22 | 20 | 10 | 7 | 4 | 102 |
| China ^b | 1 282 | 51 | 116 | 166 | 163 | 101 | 39 | 19 | 4 | 659 | 46 | 105 | 156 | 154 | 95 | 38 | 22 | 7 | 623 |
| Other low- and middle-income | 204 | 12 | 25 | 29 | 20 | 10 | 4 | 2 | 1 | 102 | 12 | 24 | 29 | 20 | 10 | 4 | 2 | 1 | 102 |

Numbers are rounded to the nearest million.

^a There are no high-income countries in the region.

^b Low- and middle-income.

Source: *World Population Prospects: the 2000 revision*. New York, NY, United Nations, 2001.

Appendix 2

WHO Member States by geographical region and income level

| African Region | Region of the Americas | South-East Asia Region | European Region | Eastern Mediterranean Region | Western Pacific Region |
|----------------------------------|----------------------------------|---------------------------------------|---|-------------------------------|----------------------------------|
| 46 Member States | 35 Member States | 10 Member States | 51 Member States | 22 Member States | 27 Member States |
| Low- and middle-income | High-income | Low- and middle-income | High-income | High-income | High-income |
| Algeria | Bahamas | Bangladesh | Andorra | Cyprus | Australia |
| Angola | Canada | Bhutan | Austria | Kuwait | Brunei Darussalam |
| Benin | United States of America | Democratic People's Republic of Korea | Belgium | Qatar | Japan |
| Botswana | Low- and middle-income | Indonesia | Denmark | United Arab Emirates | New Zealand |
| Burkina Faso | Antigua and Barbuda | Maldives | Finland | Low- and middle-income | Republic of Korea |
| Burundi | Argentina | Myanmar | France | Afghanistan | Singapore |
| Cameroon | Barbados | Nepal | Germany | Bahrain | Low- and middle-income |
| Cape Verde | Belize | Sri Lanka | Greece | Djibouti | Cambodia |
| Central African Republic | Bolivia | Thailand | Iceland | Egypt | Cook Islands |
| Chad | Brazil | | Ireland | Iraq | Federated States of Micronesia |
| Comoros | Chile | | Israel | Islamic Republic of Iran | Fiji |
| Congo | Colombia | | Italy | Jordan | Kiribati |
| Côte d'Ivoire | Costa Rica | | Luxembourg | Lebanon | Lao People's Democratic Republic |
| Democratic Republic of the Congo | Cuba | | Monaco | Libyan Arab Jamahiriya | Malaysia |
| Equatorial Guinea | Dominica | | Netherlands | Morocco | Marshall Islands |
| Eritrea | Dominican Republic | | Norway | Oman | Mongolia |
| Ethiopia | Ecuador | | Portugal | Pakistan | Nauru |
| Gabon | El Salvador | | San Marino | Saudi Arabia | Niue |
| Gambia | Grenada | | Spain | Somalia | Palau |
| Ghana | Guatemala | | Sweden | Sudan | Papua New Guinea |
| Guinea | Guyana | | Switzerland | Syrian Arab Republic | Philippines |
| Guinea-Bissau | Haiti | | United Kingdom | Tunisia | Samoa |
| Kenya | Honduras | | Low- and middle-income | Yemen | Solomon Islands |
| Lesotho | Jamaica | | Albania | | Tonga |
| Liberia | Mexico | | Armenia | | Tuvalu |
| Madagascar | Nicaragua | | Azerbaijan | | Vanuatu |
| Malawi | Panama | | Belarus | | Viet Nam |
| Mali | Paraguay | | Bosnia and Herzegovina | | |
| Mauritania | Peru | | Bulgaria | | |
| Mauritius | Saint Kitts and Nevis | | Croatia | | |
| Mozambique | Saint Lucia | | Czech Republic | | |
| Namibia | Saint Vincent and the Grenadines | | Estonia | | |
| Niger | Suriname | | Georgia | | |
| Nigeria | Trinidad and Tobago | | Hungary | | |
| Rwanda | Uruguay | | Kazakhstan | | |
| Sao Tome and Principe | Venezuela | | Kyrgyzstan | | |
| Senegal | | | Latvia | | |
| Seychelles | | | Lithuania | | |
| Sierra Leone | | | Malta | | |
| South Africa | | | Poland | | |
| Swaziland | | | Republic of Moldova | | |
| Togo | | | Romania | | |
| Uganda | | | Russian Federation | | |
| United Republic of Tanzania | | | Slovakia | | |
| Zambia | | | Slovenia | | |
| Zimbabwe | | | Tajikistan | | |
| | | | The Former Yugoslav Republic of Macedonia | | |
| | | | Turkey | | |
| | | | Turkmenistan | | |
| | | | Ukraine | | |
| | | | Uzbekistan | | |
| | | | Yugoslavia | | |

