

# Statistical Annex

## Explanatory notes

### Background

Each year, Member States with vital registration systems send detailed information to the World Health Organization using the International Classification of Disease (ICD) codes (1). Death registration data containing usable information on the causes of death are available from 111 countries. The majority of these are in high-income countries, although Latin America, the Caribbean and Central Asia are also well represented (2).

The World Health Organization uses these data, supplemented by additional information from surveys, censuses, epidemiological studies and health facilities, to develop regional and global estimates of mortality and morbidity for various causes of illness and injuries. First published in 1996, the Global Burden of Disease (GBD) represents the most comprehensive examination of global mortality and morbidity available (2).

In 2000, a new assessment of the global burden of disease was undertaken, the original one having been carried out in 1990. The GBD project for 2000 used all available and relevant information to create the best possible population-based data. Even for regions and causes where data were sparse, the GBD used evidence at hand and the best available methods to make inferences. Since then subsequent versions of the GBD estimates have appeared in the 2002 and 2004 WHO World Health Reports (3, 4). Updated estimates of the global burden of injury for the year 2004 are presented in this report (5).

In addition to the GBD data, this report also uses data from the Global School Health Survey, UNICEF community surveys and a pilot surveillance study on unintentional injury among children conducted in four developing countries. A brief outline of the methodology of each of these data sources is presented in the following pages.

### World Health Organization data

Deaths and non-fatal injuries are categorically attributed to a single underlying cause using the rules and conventions of the ICD (1). The cause list used for the GBD 2004 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.

Injury categories within Group III are further defined in terms of external cause codes.

For the purpose of this report the following ICD version 10 codes (or the associated version 9 codes) have been used.

- *Road traffic injuries*: V01–V04, V06, V09–V80, V87, V89, V99:
  - excludes injuries sustained while repairing a vehicle (W00–W59) or shutting a car door (W00–W59);
  - excludes assault by crashing a vehicle (Y03), intentional self-harm (X81–X83).
- *Drowning*: W65–W74:
  - excludes drowning or submersion due to cataclysms (X34–X39);
  - excludes transport incidents (V01–V99) or water transport incidents (V90, V92).
- *Burns*: X00–X59:
  - excludes fire from arson (X97), secondary to an explosion (W35–W40) or a transport incident (V01–V99);
  - excludes exposure to electric current, radiation and extreme temperature (W85–W99);
  - excludes contact with heat and hot substances (X10–X19).
- *Falls*: W00–W19:
  - excludes assaults (Y01–Y02) or intentional self-harm (X80–X81);
  - excludes falls from animals (V80), burning buildings (X00) or a vehicle (V01–V99);
  - excludes falls into fire (X00–X04, X08–X09), water (W65–W74) or machinery (W28–W31).
- *Poisoning*: X40–X49:
  - excludes poisoning with suicidal or homicidal intent (W60–W69, X85–X90, Y10–Y19);
  - excludes the adverse effects of therapeutic drugs administered in the correct dosage (Y40–Y59).

Absolute numbers and rates per 100 000 population are presented by sex and WHO region for the following age groups: under 1 year, 1–4 years, 5–9 years, 10–14 years, 15–19 years and under 20 years.

WHO Member States are grouped into six regions: the African Region, the Region of the Americas, the South-East Asia Region, the European Region, the Eastern Mediterranean Region and the Western Pacific Region. Countries within these six regions are further divided by income level, based on World Bank estimates of gross national income (GNI) per capita for the year 2004 (6, 7). On the basis of their GNI per capita, economies are

classified as low-income and middle-income (less than US\$ 10 066), or high-income (US\$ 10 066 or more). The countries included in each of the WHO regions, divided into low-income and middle-income and high-income categories, are shown in Table D.1.

### Global estimates of mortality due to injury

The GBD 2004 update uses the latest population estimates for WHO Member States prepared by the United Nations Population Division (8), as well as life tables published in the 2006 World Health Report (9). The methodology employed to generate the GBD 2004 revision was similar to that used in previous revisions (5). The estimates were derived from an extensive analysis of mortality data for all regions of the world, together with systematic reviews of epidemiological studies and other health service data. They were based on complete or incomplete vital registration data, together with information from sample registration systems covering around 70% of the global mortality. Survey data and indirect demographic techniques provided information on the levels of child and adult mortality for the remaining 30% of estimated global mortality. Data on causes of death from death registration systems with incomplete coverage were adjusted to take into account the likely differences in patterns in the cause of death that would be expected in the uncovered and often poorer subpopulations (5).

For countries lacking vital registration data, mainly in Africa, cause-of-death models were used for an initial estimate of the most likely distribution of deaths across the broad categories of communicable and noncommunicable diseases and injuries, based on estimated total mortality rates and income. A regional model of the pattern of specific causes of death was then constructed based on local vital registration and data from verbal autopsies (a method of medically determining the cause of death based on interviews with the next of kin or caregivers). This proportionate distribution was then applied within each broad group of causes. Finally, the resulting estimates were adjusted according to other epidemiological evidence from studies on specific diseases and injuries. For the 2004 data presented here, the choice of death registration data to estimate within-group cause distributions for the various WHO regions was consistent with that used in previous GBD estimates – the only exception being Africa. The regional pattern on cause of death distributions for Africa in this 2004 update is based on death registration data from four countries, and verbal autopsy data from seven countries, unlike the earlier estimates which used data from rural South Africa only.

Special attention has also been paid to injuries, where there are often problems of misattribution or miscoding. For example, the category “injury undetermined whether accidentally or purposely inflicted” (Y10–Y34 in ICD 10) can often include a significant share of deaths due to injury.

Except where more detailed local information is available, these deaths have been proportionately allocated to the other injury causes of death. Deaths coded as “unspecified accidents” (E928.9 in ICD 10), have also been redistributed proportionally across other causes of unintentional injury death.

Table A.1 presents estimates for fatal child unintentional injuries (and the subtypes of this group) by age groupings, sex and WHO regions and country income levels.

### Global and regional ranking of deaths and DALYs

The DALY (disability-adjusted life years lost) measure is used to quantify the burden of disease (2). It is a health-gap measure that combines information on the number of years of life lost from premature death with the loss of health from disability.

As in the analysis for the deaths, the burden of injury in the 2004 update is similar to the method used for the 1990, 2000 and 2002 estimates. It utilizes the 1990 disability weights relating to injury (2, 10). The GBD 1990 project methods defined a case of injury as one severe enough to warrant medical attention or one that leads to death. As was done in previous revisions, the GBD 2004 update used many sources of information to estimate the years lived with disability as a result of an injury or disease. These included national and international surveillance data and disease registries, health survey statistics, data on use of hospital and medical services, and international and country-specific epidemiological studies (2). The results reported here are based on analyses for the GBD 2000 of health-facility data obtained after an extensive period of consultations with Member States.

The proportion of incident cases resulting in long-term disabling sequelae was estimated for each injury category from a review of long-term epidemiological studies of injury outcomes.

To produce the rankings in Table A.2, deaths and disabilities were first divided into the three broad groups of causes mentioned earlier. Next, deaths and disabilities within each of these groups were divided into categories. For example, injuries were divided between unintentional and intentional injuries. Following this level of disaggregating, deaths and disabilities were further divided into subcategories. Unintentional injuries, for example, were subdivided into road traffic injuries, poisonings, falls, fire-related burns and drowning. The same procedure was followed for the other two broad groups of deaths and disabilities. The rankings were produced by ordering the subcategories.

The 15 leading causes of death and DALYs for children under the age of 15 years are reported in Table A.2 for all WHO Member States and for each of the six WHO regions.

## Global School-based Student Health Survey

The Global School-based Student Health Survey (GSHS) is a collaborative surveillance project designed to help countries measure and assess behavioural risk and protective factors among children aged 13 to 15 years in the following 10 key areas (11):

- alcohol and other drug use;
- dietary behaviours;
- hygiene;
- mental health;
- physical activity;
- protective factors;
- respondent demographics;
- sexual behaviours;
- tobacco use;
- violence and unintentional injury.

The GSHS is a relatively inexpensive school-based survey which uses a self-administered questionnaire to obtain information about young people's health behaviours. It is conducted primarily among students aged 13–15 years and uses a two-stage cluster sampling design; a common school-based methodology; and three questionnaire components: a core module, core-expanded questions, and country-specific questions. The questionnaire is administered during school during a single standard school period.

At the time of analysis for this report, 28 countries had voluntarily conducted the survey and submitted their final results to WHO. Data from 26 of these countries which had complete information on unintentional injuries are presented in Table A.3.

## UNICEF data

Several tables and figures appearing in the report have been taken from the UNICEF/The Alliance for Safe Children (TASC) data sources. This has been done in an attempt to overcome some of the limitations of the Global Burden of Disease studies. However, the UNICEF data are from only one continent, Asia, and thus cannot be generalized to the rest of the world. Nevertheless, these data have strong policy and programme implications (12).

Since 2002, as part of their collaborative project on child injury prevention, UNICEF and TASC have jointly conducted six national or subnational surveys on child injuries in South and East Asia. The specific survey sites were Bangladesh, China (Beijing and Jiangxi provinces), the Philippines, Thailand and Viet Nam.

These community-based surveys examined all causes of mortality from injuries and other illnesses, though for the purpose of this report and the Statistical Annex, only the injury data will be included. Their objectives were to gain a better understanding of the injury incidence, risk factors, associated economic and social costs, health-seeking behaviours of injured people, and overall knowledge,

attitudes and practices of communities regarding injury prevention.

In brief, the following methodology was employed.

- A representative sample of households was drawn up in each national or subnational survey using the census sampling scheme.
- Standardized methodology was used in all six sites, with similar questions, fieldwork, quality assurance and procedures of analysis.
- The recall period for morbidity was one year in all surveys, and for mortality it was three years, except in the first survey in Viet Nam, where it was one year.
- The cause of death was ascertained through medical certificates where they existed, or through verbal autopsy where medical certificates were unavailable, using the standard WHO verbal autopsy guidelines (13).

The survey questionnaire consisted of six modules. The first four modules were designed to collect demographic information on household members, causes of mortality and morbidity, and circumstances and consequences of injury events, and to provide a description of household injury hazards. The other two modules were used for a nested case-control study of drowning. Sociodemographic information was gathered from the head of the household and information on non-fatal injuries from the injured person, if an adult, or from the caregiver if a child, and from a relative if the injury was fatal. The detailed methodology may be found in the recently published Innocenti Report (14).

Table 1 summarizes the sample sizes, definitions and methods employed in each of the sites. Altogether, in the combined surveys 516 818 households were visited, involving 2 157 291 individuals of whom 788 194 were children.

While all survey sites classified injury severity in the same way, the case definitions for injury or illness varied slightly between the various settings. The following five categories were used.

- **Fatal injury (death).** An injury resulting in death, whether immediate or delayed, but as a direct result of the injury. This classification was the same for all surveys.
- **Severe injury (permanent disability).** Injury that resulted in permanent disability – such as blindness, deafness, loss of an extremity or the inability to walk, or the loss of mental abilities. Emotional and psychiatric causes were not included because of the difficulty of diagnosis and classification. This classification was the same for all surveys.
- **Serious injury.** Injury requiring hospitalization for 10 days or more – that is, requiring a major surgical procedure. This classification was the same for all surveys.
- **Major injury.** An injury requiring hospitalization for less than 10 days. This definition was designed to

TABLE 1

## Methodology utilized in surveys

	Bangladesh	China		Philippines	Thailand	Viet Nam
		Beijing	Jiangxi			
Survey year	2003	2004	2005	2003	2003	2000
Household	171 366	28 084	100 010	90 446	100 179	26 733
Members	819 429	81 604	319 543	418 522	389 531	128 662
Children	351 651	13 508	98 335	178 938	98 904	46 858
Strata	urban/rural	18 districts	urban/rural	national	5 regions urban/rural	8 regions urban/rural
Allocation method	PPS	PPS	PPS	PPS	PPS	PPS (square root allocation)
Primary Sampling Unit (PSU)	District	District committee	Street committee	Region	Province	Province
Method	SRS	PPS	PPS	SRS	PPS	SRS
Secondary Sampling Unit	Upazilla (rural) Mohalla (urban)	Street committee	Neighbourhood committee villages	Census blocks	Census blocks (urban) Villages (rural)	Districts
Method	SRS	PPS	PPS	PPS	PPS	SRS
Tertiary Sampling Unit	Union (rural) Households (urban)	Neighbourhood committees	200 household census blocks	Barangay	Households (urban)	90 household census blocks
Method	SRS (rural) Systematic (urban)	PPS	PPS	Systematic	Systematic	SRS
Sampling Unit	Household	Household	Household	Household	Household	Household
Observation Unit	All Members	All Members	All Members	All Members	All Members	All Members

PPS = Probability-proportional-to-size; SRS = simple random sampling.

Source: reference 15.

capture injuries that required significant care but did not necessarily require surgical intervention. This classification was the same for all surveys.

- **Moderate injury.** An injury requiring medical care or for which school or work was missed for a period, or where the child was unable to carry out activities of daily living and for which hospitalization was not required. The definition used a period of one day in Beijing, Jiangxi and Viet Nam, and three days in Bangladesh, the Philippines and Thailand.

There are some differences between the UNICEF/TASC dataset for fatal child injury and the Global Burden of Disease (2004 update) dataset for the two regions covered by this survey. It is most likely that these differences result from the following considerations.

- *The different methods used for the two datasets.* The UNICEF/TASC data come from direct, household surveys using representative samples, as noted in Table 1, while GBD data come from vital registration and proportional mortality models, as described in the previous section.

- *Definitions of injury.* The UNICEF/TASC surveys do not conform to ICD 9 or 10 as they are based on verbal autopsy and incident interviews. In addition, they include drowning as a result of floods and other cataclysms, which the GBD data exclude.
- *Definitions of age.* The UNICEF/TASC data are for children under 18 years, whereas the GBD data shown in Table 2 pertain to children and young people under 20 years.

The major difference between the data from these two injury systems was the drowning rate among children. Drowning was the leading cause of child death in all five countries surveyed and was on average 3.4 times more frequent than deaths from road traffic fatalities (15).

### Global childhood unintentional injury surveillance

In 2007, because of the lack of standardized data for child injuries from low-income and middle-income countries, and the limited number of multicountry datasets, WHO

TABLE 2

## Differences between datasets in causes of death

Causes of death (rates per 100 000 population): Global Burden of Disease data compared with UNICEF/TASC survey data			
	GBD 2004 update		UNICEF/TASC surveys
	South-East Asia Region	Western Pacific Region (low-income countries)	All 5 countries
Drowning	6.2	13.9	30.1
Road traffic injuries	7.4	8.6	8.9
Falls	2.7	2.2	2.6
Poisoning	1.7	1.8	0.8
Burns	6.1	0.6	0.4

commissioned a pilot study on global childhood unintentional injury surveillance (GCUIS). The goals of the study were:

- to pilot-test a standardized protocol for facility-based childhood injuries;
- to determine the nature and magnitude of childhood injuries and their burden on the health-care system.

While the pilot study focused on unintentional injuries, the ultimate aim of the project was to improve ongoing injury surveillance in the target countries.

A standard proforma was administered to caregivers of injured children less than 12 years old presenting at an urban emergency department in the following four countries: Bangladesh, Colombia, Egypt and Pakistan. The surveillance form was based on the International Classification of External Causes of Injuries (short form) (15), as well as forms used previously in Pakistan, South Africa and the United States.

The operational definition of an injury was “any type of unintentional injury on any body part of a child under 12 years of age seen in one of the designated GCUIS emergency rooms”. The respondent for the surveillance system was the caregiver arriving with the child at the emergency department, while the unit of analysis was the injured child.

Using a standardized electronic form in Epi Info Version 3.3.2, the study recorded:

- demographic information;
- injuries, measured in terms of mortality and disability;
- risk factors – including age, gender, level of education, time, location and activity;
- socioeconomic information;
- outcome data during treatment in the emergency department;
- injury-specific risk factors for road traffic injuries, falls, burns and poisoning;
- clinical criteria – including waiting time, injury severity score and distance travelled;
- prevention measures.

Each site, with a pilot surveillance system derived from the same protocol, was requested to submit up to 550 cases, based on non-random, sequential sampling, to the coordinating centre at Johns Hopkins University. The data were collected between January and December 2007, with each country taking on average 25 weeks to collect 550 cases.

Preliminary results from the pilot study are presented in Table C.1 of this Statistical Annex.

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TABLE A.1

All unintentional injuries							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Absolute numbers <sup>c</sup>							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	61 832	120 427	119 805	87 875	159 174	549 113
	HIC	2 322	2 365	2 075	2 476	11 132	20 370
	LMIC	59 340	117 919	117 561	85 268	147 695	527 783
African Region <sup>d</sup>	LMIC	21 273	38 407	31 400	16 284	16 444	123 808
Region of the Americas	All	5 008	6 625	5 588	5 999	16 838	40 057
	HIC	669	1 054	735	1 097	5 171	8 725
	LMIC	4 339	5 571	4 853	4 902	11 667	31 332
South-East Asia Region <sup>d</sup>	LMIC	16 432	36 461	43 927	30 377	49 099	176 297
European Region	All	2 305	5 143	3 586	4 077	13 849	28 960
	HIC	150	488	409	591	3 550	5 188
	LMIC	2 155	4 656	3 177	3 486	10 299	23 773
Eastern Mediterranean Region	All	8 592	14 189	16 062	11 811	18 347	69 002
	HIC	1 340	528	538	511	1 175	4 091
	LMIC	7 253	13 660	15 525	11 301	17 172	64 910
Western Pacific Region	All	8 051	19 460	19 072	19 195	44 251	110 029
	HIC	164	295	393	278	1 236	2 366
	LMIC	7 888	19 165	18 679	18 918	43 015	107 663
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	60 528	106 150	90 227	58 354	85 993	401 253
	HIC	919	1 534	1 222	1 289	3 879	8 843
	LMIC	59 501	104 518	88 889	57 011	81 975	391 894
African Region <sup>d</sup>	LMIC	19 083	26 326	23 259	10 348	9 206	88 223
Region of the Americas	All	4 055	4 581	3 275	2 975	5 695	20 581
	HIC	498	689	493	621	2 211	4 512
	LMIC	3 556	3 893	2 782	2 355	3 484	16 069
South-East Asia Region <sup>d</sup>	LMIC	15 473	47 155	37 986	26 386	42 759	169 760
European Region	All	2 048	3 032	1 863	1 861	4 358	13 163
	HIC	135	345	250	302	1 017	2 049
	LMIC	1 914	2 686	1 614	1 559	3 341	11 114
Eastern Mediterranean Region	All	6 281	10 985	10 995	6 345	9 719	44 325
	HIC	119	301	282	221	251	1 174
	LMIC	6 161	10 684	10 714	6 124	9 468	43 151
Western Pacific Region	All	13 481	13 973	12 732	10 384	14 116	64 685
	HIC	167	199	199	145	399	1 108
	LMIC	13 314	13 774	12 534	10 239	13 717	63 577
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	122 360	226 577	210 032	146 230	245 167	950 366
	HIC	3 241	3 899	3 297	3 765	15 010	29 213
	LMIC	118 842	222 437	206 450	142 278	229 670	919 677
African Region <sup>d</sup>	LMIC	40 356	64 733	54 660	26 633	25 649	212 031
Region of the Americas	All	9 063	11 206	8 862	8 974	22 533	60 638
	HIC	1 167	1 743	1 227	1 717	7 382	13 237
	LMIC	7 895	9 464	7 635	7 257	15 150	47 401
South-East Asia Region <sup>d</sup>	LMIC	31 906	83 615	81 914	56 764	91 858	346 057
European Region	All	4 353	8 175	5 450	5 938	18 207	42 123
	HIC	284	833	659	893	4 567	7 236
	LMIC	4 069	7 342	4 791	5 045	13 641	34 887
Eastern Mediterranean Region	All	14 873	25 174	27 057	18 156	28 066	113 327
	HIC	1 459	830	819	732	1 426	5 266
	LMIC	13 414	24 344	26 238	17 425	26 640	108 061
Western Pacific Region	All	21 532	33 433	31 804	29 579	58 367	174 715
	HIC	330	494	592	423	1 635	3 474
	LMIC	21 202	32 938	31 212	29 156	56 732	171 240

TABLE A.1 (CONTINUED)

All unintentional injuries							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Rate <sup>c</sup> per 100 000 population							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	94.3	47.2	38.1	27.8	51.4	43.6
	HIC	39.2	10.0	6.9	7.9	34.6	16.5
	LMIC	99.7	51.0	41.4	30.0	53.3	46.5
African Region <sup>d</sup>	LMIC	159.4	79.7	60.1	35.0	40.2	61.5
Region of the Americas	All	61.9	20.9	14.2	15.1	43.7	25.5
	HIC	28.5	11.7	6.5	9.0	42.8	18.6
	LMIC	75.6	24.5	17.3	17.8	44.1	28.4
South-East Asia Region <sup>d</sup>	LMIC	85.1	48.2	47.1	33.1	57.0	48.1
European Region	All	42.7	24.8	13.4	13.4	41.1	24.8
	HIC	6.7	5.5	3.6	5.0	28.5	11.1
	LMIC	68.6	39.3	20.4	18.9	48.5	33.9
Eastern Mediterranean Region	All	127.3	54.4	50.3	36.9	59.9	54.2
	HIC	369.8	38.0	32.4	32.4	84.4	64.1
	LMIC	113.6	55.4	51.2	37.2	58.8	53.7
Western Pacific Region	All	63.9	37.1	27.2	25.6	55.9	38.0
	HIC	16.9	6.9	6.8	4.7	19.9	10.3
	LMIC	67.8	39.8	29.0	27.4	58.9	40.4
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	98.1	44.3	30.6	19.6	29.3	33.8
	HIC	16.3	6.9	4.3	4.3	12.7	7.6
	LMIC	106.4	48.2	33.4	21.3	31.2	36.7
African Region <sup>d</sup>	LMIC	145.9	55.6	45.2	22.5	22.7	44.5
Region of the Americas	All	52.4	15.1	8.6	7.8	15.1	13.5
	HIC	22.3	8.0	4.5	5.4	19.2	10.1
	LMIC	64.6	17.8	10.3	8.8	13.3	15.0
South-East Asia Region <sup>d</sup>	LMIC	85.8	67.0	44.0	31.0	53.3	49.9
European Region	All	40.1	15.4	7.3	6.4	13.5	11.8
	HIC	6.3	4.1	2.3	2.7	8.6	4.6
	LMIC	64.2	23.9	10.9	8.8	16.3	16.5
Eastern Mediterranean Region	All	97.3	44.1	36.0	20.8	33.2	36.4
	HIC	33.7	22.3	17.3	14.1	18.4	18.7
	LMIC	101.0	45.4	37.1	21.1	34.0	37.4
Western Pacific Region	All	121.0	30.1	20.2	15.1	19.4	24.7
	HIC	18.2	5.0	3.7	2.6	6.9	5.1
	LMIC	130.1	32.4	21.8	16.3	20.5	26.5
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	96.1	45.8	34.4	23.8	40.6	38.8
	HIC	28.0	8.5	5.6	6.1	23.9	12.2
	LMIC	102.9	49.7	37.6	25.8	42.6	41.7
African Region <sup>d</sup>	LMIC	152.7	67.8	52.7	28.8	31.5	53.1
Region of the Americas	All	57.3	18.0	11.5	11.5	29.6	19.6
	HIC	25.5	9.9	5.5	7.3	31.3	14.4
	LMIC	70.2	21.2	13.9	13.4	28.8	21.8
South-East Asia Region <sup>d</sup>	LMIC	85.5	57.3	45.6	32.1	55.2	49.0
European Region	All	41.4	20.2	10.4	10.0	27.6	18.4
	HIC	6.5	4.8	3.0	3.9	18.8	7.9
	LMIC	66.4	31.8	15.8	14.0	32.7	25.4
Eastern Mediterranean Region	All	112.7	49.4	43.3	29.0	46.9	45.5
	HIC	203.5	30.2	24.9	23.3	51.7	41.6
	LMIC	107.4	50.5	44.3	29.4	46.7	45.7
Western Pacific Region	All	90.7	33.8	23.9	20.6	38.4	31.7
	HIC	17.6	6.0	5.3	3.7	13.6	7.8
	LMIC	97.0	36.4	25.6	22.1	40.5	33.8

TABLE A.1 (CONTINUED)

Road traffic injuries							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Absolute numbers <sup>c</sup>							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	7 535	24 853	41 662	27 366	72 476	173 892
	HIC	925	636	896	1 274	7 878	11 608
	LMIC	6 606	24 149	40 656	26 045	64 480	161 935
African Region <sup>d</sup>	LMIC	3 217	11 616	18 536	7 813	6 962	48 145
Region of the Americas	All	350	1 655	2 205	2 635	9 829	16 674
	HIC	87	293	362	602	3 716	5 060
	LMIC	263	1 363	1 843	2 033	6 113	11 614
South-East Asia Region <sup>d</sup>	LMIC	1 101	3 468	7 631	6 856	15 942	34 999
European Region	All	303	754	1 208	1 450	7 567	11 282
	HIC	31	112	182	337	2 778	3 440
	LMIC	272	642	1 027	1 113	4 789	7 842
Eastern Mediterranean Region	All	2 224	4 800	7 628	5 153	8 915	28 719
	HIC	789	140	171	202	469	1 770
	LMIC	1 434	4 661	7 457	4 951	8 446	26 949
Western Pacific Region	All	335	2 491	4 343	3 412	23 143	33 724
	HIC	17	91	181	133	915	1 338
	LMIC	318	2 400	4 162	3 279	22 228	32 386
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	4 545	19 846	27 554	13 322	23 219	88 486
	HIC	151	567	652	752	3 132	5 252
	LMIC	4 377	19 237	26 831	12 556	20 020	83 020
African Region <sup>d</sup>	LMIC	1 200	8 134	13 800	4 342	4 066	31 542
Region of the Americas	All	290	1 150	1 308	1 413	3 865	8 026
	HIC	67	250	285	428	1 881	2 910
	LMIC	223	901	1 023	985	1 985	5 117
South-East Asia Region <sup>d</sup>	LMIC	1 144	4 907	4 004	3 297	4 097	17 449
European Region	All	137	541	777	750	2 621	4 827
	HIC	21	113	134	182	810	1 260
	LMIC	116	428	643	569	1 811	3 567
Eastern Mediterranean Region	All	1 430	3 486	4 611	2 164	2 961	14 651
	HIC	47	129	124	76	163	539
	LMIC	1 383	3 357	4 486	2 088	2 798	14 112
Western Pacific Region	All	326	1 585	2 983	1 342	5 541	11 777
	HIC	16	75	108	66	278	544
	LMIC	310	1 510	2 875	1 276	5 263	11 234
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	12 079	44 699	69 217	40 688	95 694	262 377
	HIC	1 075	1 202	1 547	2 025	11 010	16 860
	LMIC	10 983	43 386	67 487	38 601	84 499	244 956
African Region <sup>d</sup>	LMIC	4 418	19 751	32 337	12 155	11 028	79 688
Region of the Americas	All	640	2 806	3 513	4 048	13 694	24 701
	HIC	154	542	647	1 030	5 597	7 970
	LMIC	486	2 263	2 866	3 018	8 097	16 731
South-East Asia Region <sup>d</sup>	LMIC	2 246	8 375	11 635	10 153	20 040	52 448
European Region	All	440	1 295	1 985	2 200	10 188	16 109
	HIC	52	225	316	519	3 588	4 700
	LMIC	388	1 070	1 669	1 681	6 600	11 409
Eastern Mediterranean Region	All	3 654	8 286	12 238	7 317	11 875	43 370
	HIC	836	269	295	278	632	2 309
	LMIC	2 817	8 017	11 943	7 039	11 244	41 060
Western Pacific Region	All	661	4 076	7 326	4 754	28 684	45 501
	HIC	33	166	289	199	1 193	1 881
	LMIC	628	3 910	7 037	4 555	27 491	43 620

TABLE A.1 (CONTINUED)

Road traffic injuries							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Rate <sup>c</sup> per 100 000 population							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	11.5	9.7	13.3	8.7	23.4	13.8
	HIC	15.6	2.7	3.0	4.1	24.5	9.4
	LMIC	11.1	10.4	14.3	9.2	23.3	14.3
African Region <sup>d</sup>	LMIC	24.1	24.1	35.5	16.8	17.0	23.9
Region of the Americas	All	4.3	5.2	5.6	6.6	25.5	10.6
	HIC	3.7	3.3	3.2	5.0	30.7	10.8
	LMIC	4.6	6.0	6.6	7.4	23.1	10.5
South-East Asia Region <sup>d</sup>	LMIC	5.7	4.6	8.2	7.5	18.5	9.6
European Region	All	5.6	3.6	4.5	4.8	22.5	9.6
	HIC	1.4	1.3	1.6	2.8	22.3	7.4
	LMIC	8.7	5.4	6.6	6.0	22.6	11.2
Eastern Mediterranean Region	All	33.0	18.4	23.9	16.1	29.1	22.6
	HIC	217.9	10.1	10.3	12.8	33.7	27.8
	LMIC	22.5	18.9	24.6	16.3	28.9	22.3
Western Pacific Region	All	2.7	4.8	6.2	4.6	29.2	11.7
	HIC	1.8	2.1	3.2	2.3	14.8	5.8
	LMIC	2.7	5.0	6.5	4.7	30.4	12.2
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	7.4	8.3	9.3	4.5	7.9	7.5
	HIC	2.7	2.5	2.3	2.5	10.3	4.5
	LMIC	7.8	8.9	10.1	4.7	7.6	7.8
African Region <sup>d</sup>	LMIC	9.2	17.2	26.8	9.5	10.0	15.9
Region of the Americas	All	3.7	3.8	3.5	3.7	10.3	5.3
	HIC	3.0	2.9	2.6	3.7	16.3	6.5
	LMIC	4.1	4.1	3.8	3.7	7.6	4.8
South-East Asia Region <sup>d</sup>	LMIC	6.4	7.0	4.6	3.9	5.1	5.1
European Region	All	2.7	2.8	3.0	2.6	8.1	4.3
	HIC	1.0	1.3	1.3	1.6	6.8	2.8
	LMIC	3.9	3.8	4.3	3.2	8.9	5.3
Eastern Mediterranean Region	All	22.2	14.0	15.1	7.1	10.1	12.0
	HIC	13.2	9.5	7.6	4.9	11.9	8.6
	LMIC	22.7	14.3	15.5	7.2	10.0	12.2
Western Pacific Region	All	2.9	3.4	4.7	2.0	7.6	4.5
	HIC	1.7	1.9	2.0	1.2	4.8	2.5
	LMIC	3.0	3.6	5.0	2.0	7.9	4.7
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	9.5	9.0	11.4	6.6	15.9	10.7
	HIC	9.3	2.6	2.6	3.3	17.6	7.0
	LMIC	9.5	9.7	12.3	7.0	15.7	11.1
African Region <sup>d</sup>	LMIC	16.7	20.7	31.2	13.1	13.5	19.9
Region of the Americas	All	4.0	4.5	4.5	5.2	18.0	8.0
	HIC	3.4	3.1	2.9	4.4	23.7	8.7
	LMIC	4.3	5.1	5.2	5.6	15.4	7.7
South-East Asia Region <sup>d</sup>	LMIC	6.0	5.7	6.5	5.7	12.0	7.4
European Region	All	4.2	3.2	3.8	3.7	15.4	7.0
	HIC	1.2	1.3	1.4	2.2	14.8	5.2
	LMIC	6.3	4.6	5.5	4.7	15.8	8.3
Eastern Mediterranean Region	All	27.7	16.3	19.6	11.7	19.8	17.4
	HIC	116.6	9.8	9.0	8.8	22.9	18.3
	LMIC	22.6	16.6	20.2	11.9	19.7	17.4
Western Pacific Region	All	2.8	4.1	5.5	3.3	18.9	8.3
	HIC	1.8	2.0	2.6	1.7	9.9	4.2
	LMIC	2.9	4.3	5.8	3.5	19.6	8.6

TABLE A.1 (CONTINUED)

<b>Drowning</b>								
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>								
<b>Absolute numbers<sup>c</sup></b>								
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	4 165	30 119	24 486	26 202	28 636	113 607	
	HIC	119	658	351	310	868	2 307	
	LMIC	3 998	29 432	24 113	25 865	27 720	111 128	
African Region <sup>d</sup>	LMIC	874	7 989	2 926	3 143	3 147	18 079	
	Region of the Americas	All	168	1 575	993	1 224	2 458	6 418
		HIC	42	285	100	118	303	847
LMIC		126	1 290	893	1 105	2 155	5 570	
South-East Asia Region <sup>d</sup>	LMIC	1 760	4 494	6 851	5 638	7 279	26 022	
	European Region	All	55	1 589	937	807	856	4 244
		HIC	10	131	66	37	142	387
LMIC		44	1 457	871	770	714	3 856	
Eastern Mediterranean Region	All	569	2 912	2 398	2 369	3 372	11 620	
	HIC	51	173	68	89	299	681	
	LMIC	517	2 739	2 329	2 280	3 073	10 939	
Western Pacific Region	All	692	11 531	10 360	12 993	11 475	47 051	
	HIC	15	69	117	65	124	391	
	LMIC	676	11 463	10 243	12 928	11 351	46 660	

  

<b>WHO region</b>	<b>Income level</b>	<b>Girls</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	6 035	18 149	14 524	11 905	11 073	61 686	
	HIC	49	299	149	83	88	668	
	LMIC	5 918	17 831	14 354	11 815	10 979	60 897	
African Region <sup>d</sup>	LMIC	3 571	2 189	1 134	1 474	2 304	10 672	
	Region of the Americas	All	103	911	402	430	328	2 174
		HIC	26	159	47	37	30	300
LMIC		77	752	355	393	297	1 874	
South-East Asia Region <sup>d</sup>	LMIC	1 090	4 869	4 811	3 231	3 748	17 749	
	European Region	All	78	746	314	373	195	1 707
		HIC	11	58	20	16	24	128
LMIC		68	688	294	358	171	1 579	
Eastern Mediterranean Region	All	453	1 693	1 314	884	969	5 312	
	HIC	0	44	48	2	3	98	
	LMIC	453	1 648	1 265	882	966	5 214	
Western Pacific Region	All	671	7 723	6 529	5 504	3 523	23 950	
	HIC	12	38	33	28	31	142	
	LMIC	660	7 685	6 496	5 477	3 492	23 809	

  

<b>WHO region</b>	<b>Income level</b>	<b>Both sexes</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	10 200	48 267	39 010	38 107	39 708	175 293	
	HIC	168	958	500	393	956	2 974	
	LMIC	9 916	47 263	38 467	37 680	38 699	172 025	
African Region <sup>d</sup>	LMIC	4 445	10 178	4 060	4 618	5 452	28 752	
	Region of the Americas	All	272	2 487	1 395	1 654	2 785	8 592
		HIC	68	445	146	155	333	1 148
LMIC		203	2 042	1 248	1 499	2 452	7 444	
South-East Asia Region <sup>d</sup>	LMIC	2 850	9 362	11 662	8 870	11 027	43 771	
	European Region	All	133	2 334	1 251	1 181	1 051	5 950
		HIC	21	189	86	53	166	515
LMIC		112	2 145	1 165	1 128	885	5 435	
Eastern Mediterranean Region	All	1 021	4 605	3 711	3 253	4 342	16 932	
	HIC	51	217	117	92	302	779	
	LMIC	970	4 388	3 595	3 161	4 040	16 153	
Western Pacific Region	All	1 363	19 255	16 889	18 497	14 998	71 002	
	HIC	27	107	151	93	155	532	
	LMIC	1 336	19 148	16 738	18 404	14 843	70 469	

TABLE A.1 (CONTINUED)

<b>Drowning</b>								
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>								
<b>Rate<sup>c</sup> per 100 000 population</b>								
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	6.4	11.8	7.8	8.3	9.3	9.0	
	HIC	2.0	2.8	1.2	1.0	2.7	1.8	
	LMIC	6.7	12.7	8.5	9.1	10.0	9.8	
African Region <sup>d</sup>	LMIC	6.6	16.6	5.6	6.8	7.7	9.0	
	Region of the Americas	All	2.1	5.0	2.5	3.1	6.4	4.1
		HIC	1.8	3.2	0.9	1.0	2.5	1.8
LMIC		2.2	5.7	3.2	4.0	8.1	5.0	
South-East Asia Region <sup>d</sup>	LMIC	9.1	5.9	7.4	6.1	8.4	7.1	
	European Region	All	1.0	7.7	3.5	2.7	2.5	3.6
		HIC	0.5	1.5	0.6	0.3	1.1	0.8
LMIC		1.4	12.3	5.6	4.2	3.4	5.5	
Eastern Mediterranean Region	All	8.4	11.2	7.5	7.4	11.0	9.1	
	HIC	14.2	12.5	4.1	5.7	21.5	10.7	
	LMIC	8.1	11.1	7.7	7.5	10.5	9.0	
Western Pacific Region	All	5.5	22.0	14.8	17.3	14.5	16.3	
	HIC	1.6	1.6	2.0	1.1	2.0	1.7	
	LMIC	5.8	23.8	15.9	18.7	15.5	17.5	
<b>WHO region</b>	<b>Income level</b>	<b>Girls</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	9.8	7.6	4.9	4.0	3.8	5.2	
	HIC	0.9	1.3	0.5	0.3	0.3	0.6	
	LMIC	10.6	8.2	5.4	4.4	4.2	5.7	
African Region <sup>d</sup>	LMIC	27.3	4.6	2.2	3.2	5.7	5.4	
	Region of the Americas	All	1.3	3.0	1.1	1.1	0.9	1.4
		HIC	1.2	1.9	0.4	0.3	0.3	0.7
LMIC		1.4	3.4	1.3	1.5	1.1	1.8	
South-East Asia Region <sup>d</sup>	LMIC	6.1	6.9	5.6	3.8	4.7	5.2	
	European Region	All	1.5	3.8	1.2	1.3	0.6	1.5
		HIC	0.5	0.7	0.2	0.1	0.2	0.3
LMIC		2.3	6.1	2.0	2.0	0.8	2.4	
Eastern Mediterranean Region	All	7.0	6.8	4.3	2.9	3.3	4.4	
	HIC	0.0	3.3	3.0	0.2	0.2	1.6	
	LMIC	7.4	7.0	4.4	3.0	3.5	4.5	
Western Pacific Region	All	6.0	16.6	10.4	8.0	4.8	9.1	
	HIC	1.3	1.0	0.6	0.5	0.5	0.7	
	LMIC	6.5	18.1	11.3	8.7	5.2	9.9	
<b>WHO region</b>	<b>Income level</b>	<b>Both sexes</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	8.0	9.8	6.4	6.2	6.6	7.2	
	HIC	1.5	2.1	0.9	0.6	1.5	1.2	
	LMIC	8.6	10.6	7.0	6.8	7.2	7.8	
African Region <sup>d</sup>	LMIC	16.8	10.7	3.9	5.0	6.7	7.2	
	Region of the Americas	All	1.7	4.0	1.8	2.1	3.7	2.8
		HIC	1.5	2.5	0.7	0.7	1.4	1.3
LMIC		1.8	4.6	2.3	2.8	4.7	3.4	
South-East Asia Region <sup>d</sup>	LMIC	7.6	6.4	6.5	5.0	6.6	6.2	
	European Region	All	1.3	5.8	2.4	2.0	1.6	2.6
		HIC	0.5	1.1	0.4	0.2	0.7	0.6
LMIC		1.8	9.3	3.8	3.1	2.1	4.0	
Eastern Mediterranean Region	All	7.7	9.0	5.9	5.2	7.3	6.8	
	HIC	7.2	7.9	3.6	2.9	11.0	6.2	
	LMIC	7.8	9.1	6.1	5.3	7.1	6.8	
Western Pacific Region	All	5.7	19.5	12.7	12.9	9.9	12.9	
	HIC	1.4	1.3	1.4	0.8	1.3	1.2	
	LMIC	6.1	21.1	13.7	13.9	10.6	13.9	

TABLE A.1 (CONTINUED)

Fire-related burns								
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004								
Absolute numbers <sup>c</sup>								
WHO region	Income level	Boys					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	5 486	15 490	7 871	3 994	4 942	37 784	
	HIC	46	190	155	83	80	554	
	LMIC	5 436	15 291	7 708	3 908	4 857	37 200	
African Region <sup>d</sup>	LMIC	2 434	8 592	4 565	1 895	341	17 826	
	Region of the Americas	All	144	464	228	127	179	1 142
		HIC	15	130	108	52	44	349
LMIC		129	334	119	76	135	793	
South-East Asia Region <sup>d</sup>	LMIC	1 832	3 547	2 021	1 349	3 438	12 187	
	European Region	All	89	521	135	109	136	989
		HIC	5	31	15	19	24	94
LMIC		84	490	120	89	112	895	
Eastern Mediterranean Region	All	844	1 764	715	454	635	4 413	
	HIC	26	6	5	1	1	39	
	LMIC	818	1 757	710	454	634	4 374	
Western Pacific Region	All	139	595	200	56	208	1 198	
	HIC	0	24	26	11	11	72	
	LMIC	139	571	174	45	197	1 126	
WHO region	Income level	Girls					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	7 384	18 296	7 850	6 987	17 471	57 988	
	HIC	20	160	107	76	51	415	
	LMIC	7 359	18 127	7 739	6 908	17 413	57 546	
African Region <sup>d</sup>	LMIC	4 574	8 438	1 727	1 713	398	16 850	
	Region of the Americas	All	131	361	170	109	79	849
		HIC	13	103	69	44	26	255
LMIC		119	257	101	65	53	595	
South-East Asia Region <sup>d</sup>	LMIC	1 768	6 556	4 712	3 604	14 155	30 794	
	European Region	All	111	359	100	85	86	741
		HIC	6	38	14	17	15	90
LMIC		105	321	87	68	71	651	
Eastern Mediterranean Region	All	754	1 825	974	784	2 329	6 666	
	HIC	0	3	4	1	0	9	
	LMIC	753	1 822	970	783	2 329	6 657	
Western Pacific Region	All	41	749	163	689	417	2 060	
	HIC	1	16	20	14	10	62	
	LMIC	40	732	143	675	407	1 998	
WHO region	Income level	Both sexes					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	12 870	33 786	15 722	10 981	22 413	95 772	
	HIC	66	351	262	159	131	969	
	LMIC	12 795	33 418	15 447	10 815	22 270	94 746	
African Region <sup>d</sup>	LMIC	7 008	17 030	6 291	3 608	739	34 676	
	Region of the Americas	All	275	824	397	236	258	1 991
		HIC	28	233	177	96	70	604
LMIC		247	591	220	141	188	1 387	
South-East Asia Region <sup>d</sup>	LMIC	3 600	10 103	6 733	4 953	17 593	42 982	
	European Region	All	200	879	235	193	222	1 730
		HIC	11	68	29	36	39	184
LMIC		190	811	206	157	183	1 546	
Eastern Mediterranean Region	All	1 598	3 588	1 690	1 238	2 964	11 079	
	HIC	26	9	9	2	1	48	
	LMIC	1 572	3 579	1 680	1 236	2 963	11 031	
Western Pacific Region	All	181	1 344	363	746	625	3 258	
	HIC	1	40	46	25	21	134	
	LMIC	179	1 304	317	720	604	3 124	

TABLE A.1 (CONTINUED)

Fire-related burns							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Rate <sup>c</sup> per 100 000 population							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	8.4	6.1	2.5	1.3	1.6	3.0
	HIC	0.8	0.8	0.5	0.3	0.3	0.5
	LMIC	9.1	6.6	2.7	1.4	1.8	3.3
African Region <sup>d</sup>	LMIC	18.2	17.8	8.7	4.1	0.8	8.9
Region of the Americas	All	1.8	1.5	0.6	0.3	0.5	0.7
	HIC	0.6	1.4	1.0	0.4	0.4	0.7
	LMIC	2.3	1.5	0.4	0.3	0.5	0.7
South-East Asia Region <sup>d</sup>	LMIC	9.5	4.7	2.2	1.5	4.0	3.3
European Region	All	1.7	2.5	0.5	0.4	0.4	0.9
	HIC	0.2	0.3	0.1	0.2	0.2	0.2
	LMIC	2.7	4.1	0.8	0.5	0.5	1.3
Eastern Mediterranean Region	All	12.5	6.8	2.2	1.4	2.1	3.5
	HIC	7.2	0.4	0.3	0.1	0.1	0.6
	LMIC	12.8	7.1	2.3	1.5	2.2	3.6
Western Pacific Region	All	1.1	1.1	0.3	0.1	0.3	0.4
	HIC	0.0	0.6	0.5	0.2	0.2	0.3
	LMIC	1.2	1.2	0.3	0.1	0.3	0.4
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	12.0	7.6	2.7	2.4	6.0	4.9
	HIC	0.4	0.7	0.4	0.3	0.2	0.4
	LMIC	13.2	8.4	2.9	2.6	6.6	5.4
African Region <sup>d</sup>	LMIC	35.0	17.8	3.4	3.7	1.0	8.5
Region of the Americas	All	1.7	1.2	0.5	0.3	0.2	0.6
	HIC	0.6	1.2	0.6	0.4	0.2	0.6
	LMIC	2.2	1.2	0.4	0.2	0.2	0.6
South-East Asia Region <sup>d</sup>	LMIC	9.8	9.3	5.5	4.2	17.6	9.1
European Region	All	2.2	1.8	0.4	0.3	0.3	0.7
	HIC	0.3	0.5	0.1	0.2	0.1	0.2
	LMIC	3.5	2.9	0.6	0.4	0.4	1.0
Eastern Mediterranean Region	All	11.7	7.3	3.2	2.6	8.0	5.5
	HIC	0.1	0.2	0.3	0.1	0.0	0.1
	LMIC	12.4	7.7	3.4	2.7	8.4	5.8
Western Pacific Region	All	0.4	1.6	0.3	1.0	0.6	0.8
	HIC	0.2	0.4	0.4	0.3	0.2	0.3
	LMIC	0.4	1.7	0.3	1.1	0.6	0.8
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	10.1	6.8	2.6	1.8	3.7	3.9
	HIC	0.6	0.8	0.5	0.3	0.2	0.4
	LMIC	11.1	7.5	2.8	2.0	4.1	4.3
African Region <sup>d</sup>	LMIC	26.5	17.8	6.1	3.9	0.9	8.7
Region of the Americas	All	1.7	1.3	0.5	0.3	0.3	0.6
	HIC	0.6	1.3	0.8	0.4	0.3	0.7
	LMIC	2.2	1.3	0.4	0.3	0.4	0.6
South-East Asia Region <sup>d</sup>	LMIC	9.6	6.9	3.8	2.8	10.6	6.1
European Region	All	1.9	2.2	0.5	0.3	0.3	0.8
	HIC	0.3	0.4	0.1	0.2	0.2	0.2
	LMIC	3.1	3.5	0.7	0.4	0.4	1.1
Eastern Mediterranean Region	All	12.1	7.0	2.7	2.0	5.0	4.5
	HIC	3.7	0.3	0.3	0.1	0.0	0.4
	LMIC	12.6	7.4	2.8	2.1	5.2	4.7
Western Pacific Region	All	0.8	1.4	0.3	0.5	0.4	0.6
	HIC	0.1	0.5	0.4	0.2	0.2	0.3
	LMIC	0.8	1.4	0.3	0.6	0.4	0.6

TABLE A.1 (CONTINUED)

<b>Falls</b>								
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>								
<b>Absolute numbers<sup>c</sup></b>								
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	4 429	5 458	6 801	3 637	7 993	28 317	
	HIC	141	123	81	72	326	744	
	LMIC	4 285	5 325	6 716	3 560	7 659	27 546	
African Region <sup>d</sup>	LMIC	741	697	1 723	281	257	3 699	
	Region of the Americas	All	135	235	177	225	440	1 211
		HIC	14	33	6	19	80	151
LMIC		121	202	171	206	360	1 060	
South-East Asia Region <sup>d</sup>	LMIC	1 912	2 302	2 077	1 828	2 793	10 911	
	European Region	All	102	305	151	233	359	1 150
		HIC	9	56	21	33	100	218
LMIC		93	249	130	201	260	932	
Eastern Mediterranean Region	All	833	1 143	1 127	541	805	4 448	
	HIC	103	9	36	4	103	255	
	LMIC	730	1 134	1 091	537	702	4 194	
Western Pacific Region	All	705	767	1 541	525	3 332	6 870	
	HIC	16	25	18	18	44	120	
	LMIC	689	742	1 524	507	3 289	6 751	
<b>WHO region</b>	<b>Income level</b>	<b>Girls</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	2 280	4 524	5 215	2 209	4 348	18 577	
	HIC	32	53	35	35	64	219	
	LMIC	2 247	4 464	5 174	2 173	4 247	18 304	
African Region <sup>d</sup>	LMIC	355	233	1 142	190	180	2 100	
	Region of the Americas	All	62	160	79	66	82	449
		HIC	11	16	6	9	21	63
LMIC		52	144	73	57	60	386	
South-East Asia Region <sup>d</sup>	LMIC	993	2 480	1 952	1 030	1 759	8 213	
	European Region	All	92	161	73	74	97	497
		HIC	6	21	13	15	19	76
LMIC		86	140	60	58	78	422	
Eastern Mediterranean Region	All	418	796	772	293	387	2 665	
	HIC	9	2	7	1	1	20	
	LMIC	408	793	765	292	386	2 645	
Western Pacific Region	All	359	687	1 191	555	1 807	4 599	
	HIC	6	14	8	9	23	60	
	LMIC	353	673	1 183	546	1 784	4 539	
<b>WHO region</b>	<b>Income level</b>	<b>Both sexes</b>					<b>Under 20 years</b>	
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>		
World	All	6 709	9 982	12 016	5 846	12 341	46 894	
	HIC	174	177	115	107	390	963	
	LMIC	6 532	9 789	11 890	5 733	11 907	45 851	
African Region <sup>d</sup>	LMIC	1 096	930	2 865	471	437	5 799	
	Region of the Americas	All	197	395	256	291	521	1 660
		HIC	25	49	12	28	101	215
LMIC		172	346	243	263	420	1 446	
South-East Asia Region <sup>d</sup>	LMIC	2 904	4 782	4 029	2 857	4 552	19 125	
	European Region	All	194	466	224	307	457	1 647
		HIC	15	78	34	48	119	294
LMIC		179	388	190	259	338	1 354	
Eastern Mediterranean Region	All	1 250	1 939	1 899	834	1 191	7 113	
	HIC	112	11	43	5	104	275	
	LMIC	1 138	1 928	1 856	829	1 088	6 838	
Western Pacific Region	All	1 064	1 454	2 732	1 080	5 139	11 469	
	HIC	22	39	26	27	66	179	
	LMIC	1 042	1 415	2 707	1 053	5 073	11 290	

TABLE A.1 (CONTINUED)

<b>Falls</b>							
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>							
<b>Rate<sup>c</sup> per 100 000 population</b>							
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	6.8	2.1	2.2	1.2	2.6	2.3
	HIC	2.4	0.5	0.3	0.2	1.0	0.6
	LMIC	7.2	2.3	2.4	1.3	2.8	2.4
African Region <sup>d</sup>	LMIC	5.6	1.5	3.3	0.6	0.6	1.8
	All	1.7	0.7	0.5	0.6	1.1	0.8
Region of the Americas	HIC	0.6	0.4	0.1	0.2	0.7	0.3
	LMIC	2.1	0.9	0.6	0.8	1.4	1.0
	All	9.9	3.0	2.2	2.0	3.2	3.0
South-East Asia Region <sup>d</sup>	LMIC	1.9	1.5	0.6	0.8	1.1	1.0
	All	0.4	0.6	0.2	0.3	0.8	0.5
	HIC	3.0	2.1	0.8	1.1	1.2	1.3
European Region	All	12.3	4.4	3.5	1.7	2.6	3.5
	HIC	28.4	0.7	2.2	0.2	7.4	4.0
	LMIC	11.4	4.6	3.6	1.8	2.4	3.5
Eastern Mediterranean Region	All	5.6	1.5	2.2	0.7	4.2	2.4
	HIC	1.6	0.6	0.3	0.3	0.7	0.5
	LMIC	5.9	1.5	2.4	0.7	4.5	2.5
Western Pacific Region	All	3.7	1.9	1.8	0.7	1.5	1.6
	HIC	0.6	0.2	0.1	0.1	0.2	0.2
	LMIC	4.0	2.1	1.9	0.8	1.6	1.7
African Region <sup>d</sup>	LMIC	2.7	0.5	2.2	0.4	0.4	1.1
	All	0.8	0.5	0.2	0.2	0.2	0.3
	HIC	0.5	0.2	0.1	0.1	0.2	0.1
Region of the Americas	LMIC	0.9	0.7	0.3	0.2	0.2	0.4
	All	5.5	3.5	2.3	1.2	2.2	2.4
	HIC	1.8	0.8	0.3	0.3	0.3	0.5
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.3	0.1	0.1	0.2	0.2
	All	2.9	1.2	0.4	0.3	0.4	0.6
	HIC	6.5	3.2	2.5	1.0	1.3	2.2
European Region	All	2.7	0.2	0.4	0.1	0.1	0.3
	HIC	6.7	3.4	2.7	1.0	1.4	2.3
	LMIC	3.2	1.5	1.9	0.8	2.5	1.8
Eastern Mediterranean Region	All	0.7	0.3	0.1	0.2	0.4	0.3
	HIC	3.5	1.6	2.1	0.9	2.7	1.9
	LMIC	3.5	1.6	2.1	0.9	2.7	1.9
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3	0.4	0.7	0.5
	HIC	0.5	0.3	0.1	0.1	0.4	0.2
Region of the Americas	LMIC	1.5	0.8	0.4	0.5	0.8	0.7
	All	7.8	3.3	2.2	1.6	2.7	2.7
	HIC	1.9	1.2	0.4	0.5	0.7	0.7
South-East Asia Region <sup>d</sup>	LMIC	0.3	0.5	0.2	0.2	0.5	0.3
	All	2.9	1.7	0.6	0.7	0.8	1.0
	HIC	9.5	3.8	3.0	1.3	2.0	2.9
European Region	All	15.7	0.4	1.3	0.2	3.8	2.2
	HIC	9.1	4.0	3.1	1.4	1.9	2.9
	LMIC	4.5	1.5	2.1	0.8	3.4	2.1
Eastern Mediterranean Region	All	1.2	0.5	0.2	0.2	0.6	0.4
	HIC	4.8	1.6	2.2	0.8	3.6	2.2
	LMIC	4.8	1.6	2.2	0.8	3.6	2.2
Western Pacific Region	All	5.3	2.0	2.0	1.0	2.1	1.9
	HIC	1.5	0.4	0.2	0.2	0.6	0.4
	LMIC	5.7	2.2	2.2	1.0	2.2	2.1
African Region <sup>d</sup>	LMIC	4.2	1.0	2.8	0.5	0.5	1.5
	All	1.2	0.6	0.3			

TABLE A.1 (CONTINUED)

<b>Poisoning</b>							
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>							
<b>Absolute numbers<sup>c</sup></b>							
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	3 556	7 382	4 057	3 580	6 606	25 181
	HIC	83	24	16	42	646	812
	LMIC	3 471	7 354	4 038	3 534	5 938	24 336
African Region <sup>d</sup>	LMIC	2 138	4 463	1 499	1 072	704	9 877
Region of the Americas	All	62	151	63	64	628	967
	HIC	5	15	4	29	514	567
	LMIC	56	136	59	35	115	400
South-East Asia Region <sup>d</sup>	LMIC	309	628	1 556	1 522	2 371	6 387
European Region	All	174	474	149	157	871	1 825
	HIC	2	8	8	9	107	134
	LMIC	172	467	141	148	764	1 691
Eastern Mediterranean Region	All	497	346	355	261	642	2 101
	HIC	76	0	2	0	1	80
	LMIC	420	346	353	261	641	2 021
Western Pacific Region	All	374	1 316	432	500	1 368	3 991
	HIC	0	1	2	3	25	31
	LMIC	374	1 315	430	497	1 343	3 960
<b>WHO region</b>	<b>Income level</b>	<b>Girls</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	2 273	4 761	3 448	3 672	5 717	19 870
	HIC	10	16	9	33	226	294
	LMIC	2 263	4 743	3 437	3 637	5 484	19 564
African Region <sup>d</sup>	LMIC	768	2 314	1 335	412	1 126	5 956
Region of the Americas	All	68	111	40	55	253	527
	HIC	9	7	5	21	154	196
	LMIC	59	105	35	33	98	331
South-East Asia Region <sup>d</sup>	LMIC	331	469	1 447	1 480	1 622	5 350
European Region	All	165	323	112	142	432	1 174
	HIC	0	6	3	11	48	68
	LMIC	165	317	110	131	384	1 106
Eastern Mediterranean Region	All	335	196	341	262	636	1 770
	HIC	0	1	0	1	0	2
	LMIC	335	195	341	261	636	1 768
Western Pacific Region	All	605	1 346	170	1 320	1 640	5 081
	HIC	1	2	1	0	23	28
	LMIC	604	1 344	169	1 320	1 617	5 053
<b>WHO region</b>	<b>Income level</b>	<b>Both sexes</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	5 829	12 142	7 505	7 252	12 322	45 051
	HIC	93	40	26	75	873	1 106
	LMIC	5 733	12 098	7 475	7 172	11 422	43 899
African Region <sup>d</sup>	LMIC	2 906	6 778	2 835	1 484	1 830	15 833
Region of the Americas	All	129	262	103	118	881	1 494
	HIC	14	22	9	50	668	763
	LMIC	116	240	94	68	213	731
South-East Asia Region <sup>d</sup>	LMIC	641	1 097	3 003	3 002	3 994	11 737
European Region	All	339	797	261	299	1 303	2 999
	HIC	2	14	10	20	155	201
	LMIC	337	783	251	279	1 148	2 797
Eastern Mediterranean Region	All	832	542	696	523	1 278	3 871
	HIC	76	1	2	1	1	82
	LMIC	756	540	694	522	1 277	3 789
Western Pacific Region	All	979	2 662	602	1 821	3 008	9 072
	HIC	1	3	4	3	48	59
	LMIC	978	2 659	598	1 818	2 960	9 013

TABLE A.1 (CONTINUED)

<b>Poisoning</b>							
<b>Estimated mortality by sex, age group,<sup>a</sup> WHO region and income level,<sup>b</sup> 2004</b>							
<b>Rate<sup>c</sup> per 100 000 population</b>							
<b>WHO region</b>	<b>Income level</b>	<b>Boys</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	5.4	2.9	1.3	1.1	2.1	2.0
	HIC	1.4	0.1	0.1	0.1	2.0	0.7
	LMIC	5.8	3.2	1.4	1.3	2.1	2.1
African Region <sup>d</sup>	LMIC	16.0	9.3	2.9	2.3	1.7	4.9
Region of the Americas	All	0.8	0.5	0.2	0.2	1.6	0.6
	HIC	0.2	0.2	0.0	0.2	4.3	1.2
	LMIC	1.0	0.6	0.2	0.1	0.4	0.4
South-East Asia Region <sup>d</sup>	LMIC	1.6	0.8	1.7	1.7	2.8	1.7
European Region	All	3.2	2.3	0.6	0.5	2.6	1.6
	HIC	0.1	0.1	0.1	0.1	0.9	0.3
	LMIC	5.5	3.9	0.9	0.8	3.6	2.4
Eastern Mediterranean Region	All	7.4	1.3	1.1	0.8	2.1	1.7
	HIC	21.1	0.0	0.1	0.0	0.1	1.3
	LMIC	6.6	1.4	1.2	0.9	2.2	1.7
Western Pacific Region	All	3.0	2.5	0.6	0.7	1.7	1.4
	HIC	0.0	0.0	0.0	0.1	0.4	0.1
	LMIC	3.2	2.7	0.7	0.7	1.8	1.5
<b>WHO region</b>	<b>Income level</b>	<b>Girls</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	3.7	2.0	1.2	1.2	2.0	1.7
	HIC	0.2	0.1	0.0	0.1	0.7	0.3
	LMIC	4.1	2.2	1.3	1.4	2.1	1.8
African Region <sup>d</sup>	LMIC	5.9	4.9	2.6	0.9	2.8	3.0
Region of the Americas	All	0.9	0.4	0.1	0.1	0.7	0.4
	HIC	0.4	0.1	0.1	0.2	1.3	0.4
	LMIC	1.1	0.5	0.1	0.1	0.4	0.3
South-East Asia Region <sup>d</sup>	LMIC	1.8	0.7	1.7	1.7	2.0	1.6
European Region	All	3.2	1.6	0.4	0.5	1.3	1.1
	HIC	0.0	0.1	0.0	0.1	0.4	0.2
	LMIC	5.5	2.8	0.7	0.7	1.9	1.7
Eastern Mediterranean Region	All	5.2	0.8	1.1	0.9	2.2	1.5
	HIC	0.0	0.1	0.0	0.1	0.0	0.0
	LMIC	5.5	0.8	1.2	0.9	2.3	1.5
Western Pacific Region	All	5.4	2.9	0.3	1.9	2.3	1.9
	HIC	0.1	0.1	0.0	0.0	0.4	0.1
	LMIC	5.9	3.2	0.3	2.1	2.4	2.1
<b>WHO region</b>	<b>Income level</b>	<b>Both sexes</b>					<b>Under 20 years</b>
		<b>&lt;1 year</b>	<b>1–4 years</b>	<b>5–9 years</b>	<b>10–14 years</b>	<b>15–19 years</b>	
World	All	4.6	2.5	1.2	1.2	2.0	1.8
	HIC	0.8	0.1	0.0	0.1	1.4	0.5
	LMIC	5.0	2.7	1.4	1.3	2.1	2.0
African Region <sup>d</sup>	LMIC	11.0	7.1	2.7	1.6	2.3	4.0
Region of the Americas	All	0.8	0.4	0.1	0.2	1.2	0.5
	HIC	0.3	0.1	0.0	0.2	2.8	0.8
	LMIC	1.0	0.5	0.2	0.1	0.4	0.3
South-East Asia Region <sup>d</sup>	LMIC	1.7	0.8	1.7	1.7	2.4	1.7
European Region	All	3.2	2.0	0.5	0.5	2.0	1.3
	HIC	0.0	0.1	0.1	0.1	0.6	0.2
	LMIC	5.5	3.4	0.8	0.8	2.8	2.0
Eastern Mediterranean Region	All	6.3	1.1	1.1	0.8	2.1	1.6
	HIC	10.7	0.0	0.1	0.0	0.0	0.7
	LMIC	6.1	1.1	1.2	0.9	2.2	1.6
Western Pacific Region	All	4.1	2.7	0.5	1.3	2.0	1.7
	HIC	0.1	0.0	0.0	0.0	0.4	0.1
	LMIC	4.5	2.9	0.5	1.4	2.1	1.8

TABLE A.1 (CONTINUED)

Other unintentional injuries							
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004							
Absolute numbers <sup>c</sup>							
WHO region	Income level	Boys					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	36 662	37 124	34 927	23 097	38 522	170 333
	HIC	1 007	733	577	696	1 334	4 346
	LMIC	35 544	36 367	34 330	22 356	37 041	165 638
African Region <sup>d</sup>	LMIC	11 869	5 050	2 151	2 080	5 033	26 182
Region of the Americas	All	4 150	2 544	1 923	1 724	3 304	13 645
	HIC	506	298	155	277	515	1 751
	LMIC	3 644	2 246	1 767	1 447	2 790	11 894
South-East Asia Region <sup>d</sup>	LMIC	9 518	22 022	23 790	13 184	17 275	85 790
European Region	All	1 583	1 501	1 006	1 321	4 060	9 471
	HIC	93	149	117	156	398	914
	LMIC	1 489	1 351	889	1 165	3 661	8 557
Eastern Mediterranean Region	All	3 626	3 223	3 840	3 032	3 978	17 701
	HIC	293	200	255	215	303	1 267
	LMIC	3 333	3 023	3 585	2 818	3 675	16 434
Western Pacific Region	All	5 806	2 760	2 196	1 709	4 724	17 195
	HIC	115	85	49	48	117	415
	LMIC	5 691	2 675	2 147	1 661	4 607	16 780
WHO region	Income level	Girls					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	38 011	40 575	31 635	20 259	24 165	154 646
	HIC	658	439	271	310	317	1 995
	LMIC	37 338	40 117	31 354	19 922	23 832	152 563
African Region <sup>d</sup>	LMIC	8 614	5 017	4 121	2 217	1 131	21 102
Region of the Americas	All	3 400	1 888	1 276	902	1 089	8 555
	HIC	373	154	80	81	99	787
	LMIC	3 027	1 734	1 196	821	990	7 768
South-East Asia Region <sup>d</sup>	LMIC	10 147	27 874	21 061	13 745	17 377	90 205
European Region	All	1 465	902	486	437	927	4 217
	HIC	91	110	65	61	101	428
	LMIC	1 374	793	421	375	826	3 789
Eastern Mediterranean Region	All	2 891	2 991	2 984	1 958	2 437	13 261
	HIC	63	122	97	139	84	506
	LMIC	2 829	2 869	2 886	1 819	2 353	12 756
Western Pacific Region	All	11 478	1 883	1 696	972	1 189	17 218
	HIC	131	53	28	28	34	274
	LMIC	11 347	1 829	1 668	944	1 154	16 944
WHO region	Income level	Both sexes					Under 20 years
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years	
World	All	74 673	77 700	66 562	43 356	62 687	324 979
	HIC	1 665	1 172	847	1 005	1 651	6 341
	LMIC	72 882	76 484	65 684	42 278	60 874	318 201
African Region <sup>d</sup>	LMIC	20 483	10 067	6 273	4 297	6 164	47 285
Region of the Americas	All	7 550	4 432	3 199	2 626	4 393	22 200
	HIC	879	452	236	358	613	2 538
	LMIC	6 671	3 981	2 963	2 268	3 780	19 662
South-East Asia Region <sup>d</sup>	LMIC	19 665	49 896	44 852	26 929	34 653	175 995
European Region	All	3 047	2 403	1 493	1 758	4 987	13 688
	HIC	184	259	183	217	499	1 342
	LMIC	2 863	2 144	1 310	1 541	4 487	12 345
Eastern Mediterranean Region	All	6 518	6 215	6 824	4 991	6 415	30 962
	HIC	356	323	353	354	387	1 772
	LMIC	6 162	5 892	6 471	4 637	6 028	29 190
Western Pacific Region	All	17 284	4 642	3 892	2 681	5 913	34 413
	HIC	246	138	77	76	152	688
	LMIC	17 038	4 504	3 815	2 605	5 761	33 724

TABLE A.1 (CONTINUED)

Other unintentional injuries								
Estimated mortality by sex, age group, <sup>a</sup> WHO region and income level, <sup>b</sup> 2004								
Rate <sup>c</sup> per 100 000 population								
WHO region	Income level	Boys					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	55.9	14.5	11.1	7.3	12.4	13.5	
	HIC	17.0	3.1	1.9	2.2	4.2	3.5	
	LMIC	59.7	15.7	12.1	7.9	13.4	14.6	
African Region <sup>d</sup>	LMIC	88.9	10.5	4.1	4.5	12.3	13.0	
	Region of the Americas	All	51.3	8.0	4.9	4.4	8.6	8.7
		HIC	21.5	3.3	1.4	2.23	4.3	3.7
South-East Asia Region <sup>d</sup>	LMIC	63.5	9.9	6.3	5.3	10.5	10.8	
	European Region	LMIC	49.3	29.1	25.5	14.4	20.0	23.4
		All	29.4	7.2	3.8	4.4	12.1	8.1
Eastern Mediterranean Region	HIC	4.1	1.7	1.0	1.3	3.2	2.0	
	LMIC	47.4	11.4	5.7	6.3	17.3	12.2	
	All	53.7	12.4	12.0	9.5	13.0	13.9	
Western Pacific Region	HIC	81.0	14.4	15.4	13.6	21.8	19.9	
	LMIC	52.2	12.3	11.8	9.3	12.6	13.6	
	All	46.1	5.3	3.1	2.3	6.0	5.9	
	HIC	11.9	2.0	0.9	0.8	1.9	1.8	
	LMIC	48.9	5.6	3.3	2.4	6.3	6.3	

  

WHO region	Income level	Girls					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	61.6	16.9	10.7	6.8	8.2	13.0	
	HIC	11.7	2.0	1.0	1.0	1.0	1.7	
	LMIC	66.9	18.5	11.8	7.5	9.1	14.3	
African Region <sup>d</sup>	LMIC	65.8	10.6	8.0	4.8	2.8	10.6	
	Region of the Americas	All	43.9	6.2	3.4	2.4	2.9	5.6
		HIC	16.7	1.8	0.7	0.7	0.9	1.8
South-East Asia Region <sup>d</sup>	LMIC	55.0	7.9	4.4	3.1	3.8	7.2	
	European Region	LMIC	56.3	39.6	24.4	16.2	21.6	26.5
		All	28.7	4.6	1.9	1.5	2.9	3.8
Eastern Mediterranean Region	HIC	4.3	1.3	0.6	0.5	0.9	1.0	
	LMIC	46.1	7.1	2.8	2.1	4.0	5.6	
	All	44.8	12.0	9.8	6.4	8.3	10.9	
Western Pacific Region	HIC	17.7	9.0	6.0	8.9	6.1	8.1	
	LMIC	46.4	12.2	10.0	6.3	8.4	11.1	
	All	103.0	4.1	2.7	1.4	1.6	6.6	
	HIC	14.3	1.3	0.5	0.5	0.6	1.3	
	LMIC	110.9	4.3	2.9	1.5	1.7	7.1	

  

WHO region	Income level	Both sexes					Under 20 years	
		<1 year	1–4 years	5–9 years	10–14 years	15–19 years		
World	All	58.7	15.7	10.9	7.1	10.4	13.3	
	HIC	14.4	2.6	1.4	1.6	2.6	2.6	
	LMIC	63.1	17.1	12.0	7.7	11.3	14.4	
African Region <sup>d</sup>	LMIC	77.5	10.5	6.1	4.7	7.6	11.8	
	Region of the Americas	All	47.7	7.1	4.1	3.4	5.8	7.2
		HIC	19.2	2.6	1.1	1.5	2.6	2.8
South-East Asia Region <sup>d</sup>	LMIC	59.3	8.9	5.4	4.2	7.2	9.0	
	European Region	LMIC	52.7	34.2	25.0	15.2	20.8	24.9
		All	29.0	6.0	2.9	3.0	7.6	6.0
Eastern Mediterranean Region	HIC	4.2	1.5	0.8	0.9	2.1	1.5	
	LMIC	46.8	9.3	4.3	4.3	10.8	9.0	
	All	49.4	12.2	10.9	8.0	10.7	12.4	
Western Pacific Region	HIC	49.7	11.8	10.7	11.3	14.0	14.0	
	LMIC	49.4	12.2	10.9	7.8	10.6	12.4	
	All	72.8	4.7	2.9	1.9	3.9	6.2	
	HIC	13.1	1.7	0.7	0.7	1.3	1.5	
	LMIC	77.9	5.0	3.1	2.0	4.1	6.7	

<sup>a</sup> Data are for those under 20 years of age. <sup>b</sup> Income levels as per World Bank estimates of gross national income (GNI) per capita for the year 2004.

<sup>c</sup> Any apparent discrepancies in total sums are the result of rounding. <sup>d</sup> No high-income countries in the region. <sup>e</sup> Age-standardized.

HIC = High-income countries; LMIC = Low-income and middle-income countries.

Source: WHO (2008), Global Burden of Disease: 2004 update.

TABLE A.2

The 15 leading causes of mortality and DALYs among children under 15 years by sex and income level, 2004

All Member States					
<i>Both sexes</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	26.8	1	Perinatal causes	23.0
2	Lower respiratory infections	16.7	2	Lower respiratory infections	13.1
3	Diarrhoeal diseases	14.9	3	Diarrhoeal diseases	11.6
4	Malaria	7.8	4	Malaria	6.6
5	Measles	3.5	5	Congenital anomalies	4.4
6	Congenital anomalies	3.3	6	Protein–energy malnutrition	3.0
7	HIV/AIDS	2.5	7	Measles	2.7
8	Pertussis	2.1	8	Pertussis	2.0
9	Meningitis	1.9	9	HIV/AIDS	1.9
10	Protein–energy malnutrition	1.4	10	Road traffic injuries	1.7
11	Road traffic injuries	1.4	11	Meningitis	1.6
12	Tetanus	1.2	12	Asthma	1.2
13	Drowning	1.1	13	Falls	1.1
14	Tuberculosis	0.7	14	Iron-deficiency anaemia	1.1
15	Fire-related burns	0.6	15	Unipolar depressive disorders	1.0
<i>Boys</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	26.9	1	Perinatal causes	22.8
2	Lower respiratory infections	16.5	2	Lower respiratory infections	13.1
3	Diarrhoeal diseases	14.9	3	Diarrhoeal diseases	11.7
4	Malaria	7.8	4	Malaria	6.5
5	Measles	3.5	5	Congenital anomalies	4.3
6	Congenital anomalies	3.2	6	Protein–energy malnutrition	3.0
7	HIV/AIDS	2.5	7	Measles	2.7
8	Pertussis	2.1	8	HIV/AIDS	1.9
9	Meningitis	1.7	9	Road traffic injuries	1.9
10	Road traffic injuries	1.6	10	Pertussis	1.8
11	Tetanus	1.5	11	Meningitis	1.5
12	Protein–energy malnutrition	1.4	12	Falls	1.2
13	Drowning	1.4	13	Tetanus	1.1
14	Tuberculosis	0.7	14	Asthma	1.1
15	Syphilis	0.5	15	Drowning	1.1
<i>Girls</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	26.6	1	Perinatal causes	23.3
2	Lower respiratory infections	16.9	2	Lower respiratory infections	13.1
3	Diarrhoeal diseases	14.9	3	Diarrhoeal diseases	11.6
4	Malaria	7.9	4	Malaria	6.6
5	Measles	3.5	5	Congenital anomalies	4.5
6	Congenital anomalies	3.4	6	Protein–energy malnutrition	3.0
7	HIV/AIDS	2.6	7	Measles	2.7
8	Pertussis	2.2	8	HIV/AIDS	2.0
9	Meningitis	2.0	9	Pertussis	1.8
10	Protein–energy malnutrition	1.5	10	Meningitis	1.7
11	Road traffic injuries	1.1	11	Road traffic injuries	1.6
12	Tetanus	0.9	12	Asthma	1.2
13	Drowning	0.9	13	Falls	1.1
14	Fire-related burns	0.7	14	Unipolar depressive disorders	1.1
15	Tuberculosis	0.7	15	Iron-deficiency anaemia	1.1

TABLE A.2 (CONTINUED)

All Member States					
<i>High-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	36.3	1	Perinatal causes	17.8
2	Congenital anomalies	19.2	2	Congenital anomalies	14.3
3	Road traffic injuries	5.7	3	Asthma	8.1
4	Lower respiratory infections	3.4	4	Unipolar depressive disorders	5.6
5	Endocrine disorders	2.9	5	Migraine	3.8
6	Diarrhoeal diseases	2.4	6	Endocrine disorders	3.3
7	Drowning	2.0	7	Road traffic injuries	3.0
8	Leukaemia	1.7	8	Refractive errors	3.0
9	Violence	1.6	9	Schizophrenia	2.5
10	Fire-related burns	0.8	10	Diarrhoeal diseases	2.1
11	Meningitis	0.8	11	Dental caries	2.0
12	Inflammatory heart diseases	0.8	12	Falls	2.0
13	Falls	0.6	13	Lower respiratory infections	1.4
14	Self-inflicted injuries	0.6	14	Epilepsy	1.1
15	Epilepsy	0.5	15	Otitis media	1.0
<i>Low-income and middle-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	26.7	1	Perinatal causes	23.1
2	Lower respiratory infections	16.8	2	Lower respiratory infections	13.3
3	Diarrhoeal diseases	15.0	3	Diarrhoeal diseases	11.9
4	Malaria	7.9	4	Malaria	6.6
5	Measles	3.6	5	Congenital anomalies	4.2
6	Congenital anomalies	3.1	6	Protein–energy malnutrition	3.0
7	HIV/AIDS	2.6	7	Measles	2.7
8	Pertussis	2.2	8	HIV/AIDS	2.0
9	Meningitis	1.9	9	Pertussis	1.8
10	Protein–energy malnutrition	1.5	10	Road traffic injuries	1.7
11	Road traffic injuries	1.4	11	Meningitis	1.6
12	Tetanus	1.2	12	Falls	1.1
13	Drowning	1.1	13	Iron-deficiency anaemia	1.1
14	Tuberculosis	0.7	14	Asthma	1.0
15	Fire-related burns	0.6	15	Unipolar depressive disorders	0.9

TABLE A.2 (CONTINUED)

African Region <sup>a</sup>					
Both sexes					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Lower respiratory infections	20.0	1	Perinatal causes	17.7
2	Perinatal causes	18.8	2	Lower respiratory infections	17.2
3	Malaria	15.5	3	Malaria	14.3
4	Diarrhoeal diseases	15.4	4	Diarrhoeal diseases	13.3
5	HIV/AIDS	5.3	5	HIV/AIDS	4.4
6	Measles	3.5	6	Protein–energy malnutrition	3.1
7	Meningitis	2.1	7	Measles	3.0
8	Pertussis	2.0	8	Congenital anomalies	2.6
9	Congenital anomalies	1.8	9	Pertussis	2.0
10	Protein–energy malnutrition	1.7	10	Meningitis	1.9
11	Road traffic injuries	1.3	11	Road traffic injuries	1.5
12	Tetanus	1.3	12	Tetanus	1.1
13	Tuberculosis	0.9	13	Tuberculosis	0.9
14	Fire-related burns	0.7	14	Fire-related burns	0.8
15	Syphilis	0.6	15	Iron-deficiency anaemia	0.7
Boys					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Lower respiratory infections	10.2	1	Perinatal causes	17.9
2	Perinatal causes	10.2	2	Lower respiratory infections	17.0
3	Diarrhoeal diseases	8.1	3	Malaria	14.1
4	Malaria	8.0	4	Diarrhoeal diseases	13.3
5	HIV/AIDS	2.7	5	HIV/AIDS	4.3
6	Measles	1.8	6	Protein–energy malnutrition	3.0
7	Pertussis	1.0	7	Measles	2.9
8	Meningitis	1.0	8	Congenital anomalies	2.6
9	Congenital anomalies	0.9	9	Pertussis	1.7
10	Protein–energy malnutrition	0.9	10	Meningitis	1.7
11	Tetanus	0.8	11	Road traffic injuries	1.6
12	Road traffic injuries	0.8	12	Tetanus	1.3
13	Tuberculosis	0.5	13	Tuberculosis	0.9
14	Syphilis	0.3	14	Fire-related burns	0.8
15	Fire-related burns	0.3	15	Iron-deficiency anaemia	0.7
Girls					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Lower respiratory infections	9.7	1	Perinatal causes	17.6
2	Perinatal causes	8.6	2	Lower respiratory infections	17.4
3	Malaria	7.5	3	Malaria	14.6
4	Diarrhoeal diseases	7.4	4	Diarrhoeal diseases	13.3
5	HIV/AIDS	2.6	5	HIV/AIDS	4.6
6	Measles	1.7	6	Protein–energy malnutrition	3.2
7	Meningitis	1.1	7	Measles	3.0
8	Pertussis	1.0	8	Congenital anomalies	2.7
9	Protein–energy malnutrition	0.9	9	Meningitis	2.2
10	Congenital anomalies	0.8	10	Pertussis	1.8
11	Road traffic injuries	0.5	11	Road traffic injuries	1.4
12	Tetanus	0.5	12	Tuberculosis	0.8
13	Tuberculosis	0.4	13	Tetanus	0.8
14	Fire-related burns	0.3	14	Iron-deficiency anaemia	0.8
15	Syphilis	0.3	15	Fire-related burns	0.7

TABLE A.2 (CONTINUED)

Region of the Americas					
Both sexes					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.0	1	Perinatal causes	21.5
2	Lower respiratory infections	11.7	2	Congenital anomalies	9.1
3	Diarrhoeal diseases	11.2	3	Lower respiratory infections	7.5
4	Congenital anomalies	9.2	4	Diarrhoeal diseases	7.2
5	Protein–energy malnutrition	3.7	5	Asthma	4.5
6	Road traffic injuries	2.4	6	Protein–energy malnutrition	3.3
7	Meningitis	1.6	7	Endocrine disorders	3.0
8	Endocrine disorders	1.5	8	Unipolar depressive disorders	2.4
9	Drowning	1.3	9	Dental caries	2.2
10	Leukaemia	1.0	10	Road traffic injuries	2.1
11	Pertussis	0.9	11	Migraine	2.0
12	Violence	0.9	12	Refractive errors	1.2
13	HIV/AIDS	0.8	13	Iron-deficiency anaemia	1.2
14	Iron-deficiency anaemia	0.6	14	Falls	1.1
15	Malaria	0.5	15	Epilepsy	1.0
Boys					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.4	1	Perinatal causes	21.9
2	Lower respiratory infections	11.5	2	Congenital anomalies	8.9
3	Diarrhoeal diseases	11.1	3	Lower respiratory infections	7.5
4	Congenital anomalies	8.9	4	Diarrhoeal diseases	7.2
5	Protein–energy malnutrition	3.6	5	Asthma	3.9
6	Road traffic injuries	2.7	6	Protein–energy malnutrition	3.2
7	Meningitis	1.6	7	Endocrine disorders	3.0
8	Drowning	1.6	8	Road traffic injuries	2.3
9	Endocrine disorders	1.5	9	Dental caries	2.1
10	Violence	1.0	10	Unipolar depressive disorders	2.1
11	Leukaemia	1.0	11	Violence	1.3
12	Pertussis	0.9	12	Falls	1.2
13	HIV/AIDS	0.7	13	Refractive errors	1.2
14	Iron-deficiency anaemia	0.6	14	Iron-deficiency anaemia	1.2
15	Nephritis and nephrosis	0.5	15	Migraine	1.2
Girls					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	32.4	1	Perinatal causes	20.9
2	Lower respiratory infections	12.0	2	Congenital anomalies	9.4
3	Diarrhoeal diseases	11.4	3	Lower respiratory infections	7.5
4	Congenital anomalies	9.5	4	Diarrhoeal diseases	7.1
5	Protein–energy malnutrition	3.8	5	Asthma	5.2
6	Road traffic injuries	2.1	6	Protein–energy malnutrition	3.3
7	Meningitis	1.6	7	Migraine	3.1
8	Endocrine disorders	1.5	8	Endocrine disorders	3.0
9	Leukaemia	1.0	9	Unipolar depressive disorders	2.8
10	Pertussis	1.0	10	Dental caries	2.3
11	Drowning	0.9	11	Road traffic injuries	1.9
12	HIV/AIDS	0.8	12	Refractive errors	1.3
13	Violence	0.8	13	Iron-deficiency anaemia	1.3
14	Iron-deficiency anaemia	0.6	14	Epilepsy	1.1
15	Malaria	0.5	15	Meningitis	1.0

TABLE A.2 (CONTINUED)

Region of the Americas					
<i>High-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	41.7	1	Perinatal causes	20.7
2	Congenital anomalies	19.0	2	Congenital anomalies	15.4
3	Road traffic injuries	5.7	3	Asthma	9.6
4	Violence	2.6	4	Unipolar depressive disorders	5.5
5	Endocrine disorders	2.1	5	Migraine	4.9
6	Drowning	1.9	6	Road traffic injuries	3.1
7	Lower respiratory infections	1.6	7	Refractive errors	2.9
8	Fire-related burns	1.3	8	Endocrine disorders	2.2
9	Leukaemia	1.3	9	Dental caries	1.9
10	Inflammatory heart diseases	0.8	10	Schizophrenia	1.7
11	Self-inflicted injuries	0.8	11	Falls	1.4
12	Cerebrovascular disease	0.6	12	Violence	1.3
13	Meningitis	0.5	13	Epilepsy	1.1
14	Nephritis and nephrosis	0.4	14	Diarrhoeal diseases	1.1
15	Asthma	0.4	15	Otitis media	0.9
<i>Low-income and middle-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	32.1	1	Perinatal causes	21.4
2	Lower respiratory infections	12.7	2	Lower respiratory infections	8.4
3	Diarrhoeal diseases	12.3	3	Congenital anomalies	8.2
4	Congenital anomalies	8.2	4	Diarrhoeal diseases	8.0
5	Protein–energy malnutrition	4.0	5	Asthma	3.7
6	Road traffic injuries	2.1	6	Protein–energy malnutrition	3.6
7	Meningitis	1.7	7	Endocrine disorders	3.0
8	Endocrine disorders	1.4	8	Dental caries	2.2
9	Drowning	1.2	9	Unipolar depressive disorders	1.9
10	Pertussis	1.0	10	Road traffic injuries	1.9
11	Leukaemia	1.0	11	Migraine	1.6
12	HIV/AIDS	0.8	12	Meningitis	1.4
13	Violence	0.7	13	Iron-deficiency anaemia	1.3
14	Iron-deficiency anaemia	0.7	14	Pertussis	1.2
15	Malaria	0.6	15	Epilepsy	1.0

TABLE A.2 (CONTINUED)

South-East Asia Region <sup>a</sup>					
<i>Both sexes</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.1	1	Perinatal causes	27.8
2	Diarrhoeal diseases	16.2	2	Diarrhoeal diseases	12.5
3	Lower respiratory infections	13.4	3	Lower respiratory infections	10.6
4	Measles	5.2	4	Congenital anomalies	4.4
5	Pertussis	3.2	5	Measles	3.9
6	Congenital anomalies	3.2	6	Protein–energy malnutrition	3.1
7	Malaria	2.0	7	Pertussis	2.8
8	Meningitis	1.5	8	Malaria	1.8
9	Tetanus	1.3	9	Falls	1.7
10	Protein–energy malnutrition	1.0	10	Road traffic injuries	1.5
11	Drowning	0.9	11	Meningitis	1.4
12	Road traffic injuries	0.9	12	Iron-deficiency anaemia	1.4
13	Fire-related burns	0.7	13	Unipolar depressive disorders	1.2
14	Cirrhosis of the liver	0.6	14	Fire-related burns	1.2
15	Tuberculosis	0.5	15	Tetanus	1.0
<i>Boys</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	32.9	1	Perinatal causes	27.4
2	Diarrhoeal diseases	16.5	2	Diarrhoeal diseases	12.9
3	Lower respiratory infections	13.7	3	Lower respiratory infections	10.9
4	Measles	5.4	4	Congenital anomalies	4.3
5	Pertussis	3.2	5	Measles	4.1
6	Congenital anomalies	2.9	6	Protein–energy malnutrition	3.2
7	Malaria	2.0	7	Pertussis	2.7
8	Tetanus	1.7	8	Malaria	1.8
9	Meningitis	1.5	9	Falls	1.7
10	Road traffic injuries	1.0	10	Road traffic injuries	1.6
11	Drowning	1.0	11	Meningitis	1.4
12	Protein–energy malnutrition	0.9	12	Iron-deficiency anaemia	1.4
13	Fire-related burns	0.5	13	Tetanus	1.2
14	Tuberculosis	0.4	14	Unipolar depressive disorders	1.2
15	Falls	0.4	15	Lymphatic filariasis	1.1
<i>Girls</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.3	1	Perinatal causes	28.2
2	Diarrhoeal diseases	15.8	2	Diarrhoeal diseases	12.2
3	Lower respiratory infections	13.2	3	Lower respiratory infections	10.4
4	Measles	5.0	4	Congenital anomalies	4.5
5	Congenital anomalies	3.4	5	Measles	3.8
6	Pertussis	3.2	6	Protein–energy malnutrition	3.1
7	Malaria	1.9	7	Pertussis	2.7
8	Meningitis	1.5	8	Falls	1.8
9	Protein–energy malnutrition	1.0	9	Malaria	1.7
10	Fire-related burns	0.9	10	Fire-related burns	1.6
11	Tetanus	0.9	11	Road traffic injuries	1.5
12	Drowning	0.8	12	Meningitis	1.4
13	Road traffic injuries	0.7	13	Iron-deficiency anaemia	1.3
14	Cirrhosis of the liver	0.7	14	Migraine	1.3
15	Epilepsy	0.5	15	Unipolar depressive disorders	1.2

TABLE A.2 (CONTINUED)

European Region					
<i>Both sexes</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.2	1	Perinatal causes	21.6
2	Lower respiratory infections	13.8	2	Congenital anomalies	9.8
3	Diarrhoeal diseases	12.4	3	Lower respiratory infections	7.5
4	Congenital anomalies	10.3	4	Diarrhoeal diseases	7.1
5	Road traffic injuries	2.2	5	Iodine deficiency	4.0
6	Meningitis	2.2	6	Unipolar depressive disorders	3.1
7	Drowning	1.9	7	Asthma	2.7
8	Upper respiratory infections	1.3	8	Falls	2.2
9	Leukaemia	1.0	9	Road traffic injuries	1.9
10	Endocrine disorders	0.8	10	Refractive errors	1.7
11	HIV/AIDS	0.7	11	Migraine	1.7
12	Poisoning	0.6	12	Endocrine disorders	1.5
13	Fire-related burns	0.6	13	Schizophrenia	1.4
14	Epilepsy	0.5	14	Meningitis	1.4
15	Violence	0.5	15	Iron-deficiency anaemia	1.3
<i>Boys</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	33.5	1	Perinatal causes	21.8
2	Lower respiratory infections	13.4	2	Congenital anomalies	9.7
3	Diarrhoeal diseases	11.9	3	Lower respiratory infections	7.5
4	Congenital anomalies	10.1	4	Diarrhoeal diseases	7.0
5	Road traffic injuries	2.5	5	Iodine deficiency	3.5
6	Drowning	2.2	6	Falls	2.7
7	Meningitis	2.0	7	Unipolar depressive disorders	2.6
8	Upper respiratory infections	1.2	8	Asthma	2.3
9	Leukaemia	1.0	9	Road traffic injuries	2.0
10	Endocrine disorders	0.8	10	Refractive errors	1.6
11	Poisoning	0.6	11	Schizophrenia	1.5
12	HIV/AIDS	0.6	12	Endocrine disorders	1.4
13	Fire-related burns	0.6	13	Meningitis	1.3
14	Self-inflicted injuries	0.5	14	Drowning	1.3
15	Epilepsy	0.5	15	Iron-deficiency anaemia	1.2
<i>Girls</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	32.8	1	Perinatal causes	21.2
2	Lower respiratory infections	14.3	2	Congenital anomalies	10.0
3	Diarrhoeal diseases	12.9	3	Lower respiratory infections	7.5
4	Congenital anomalies	10.6	4	Diarrhoeal diseases	7.2
5	Meningitis	2.4	5	Iodine deficiency	4.6
6	Road traffic injuries	1.9	6	Unipolar depressive disorders	3.7
7	Upper respiratory infections	1.4	7	Asthma	3.1
8	Drowning	1.3	8	Migraine	2.3
9	Leukaemia	1.0	9	Refractive errors	1.9
10	Endocrine disorders	0.9	10	Road traffic injuries	1.7
11	HIV/AIDS	0.8	11	Endocrine disorders	1.6
12	Poisoning	0.7	12	Falls	1.4
13	Fire-related burns	0.6	13	Iron-deficiency anaemia	1.4
14	Epilepsy	0.5	14	Meningitis	1.4
15	Violence	0.5	15	Schizophrenia	1.3

TABLE A.2 (CONTINUED)

European Region					
<i>High-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	38.4	1	Perinatal causes	16.7
2	Congenital anomalies	23.0	2	Congenital anomalies	15.1
3	Road traffic injuries	4.1	3	Asthma	8.0
4	Endocrine disorders	3.6	4	Unipolar depressive disorders	7.3
5	Leukaemia	2.3	5	Endocrine disorders	4.3
6	Lower respiratory infections	1.4	6	Schizophrenia	3.6
7	Meningitis	1.3	7	Refractive errors	3.6
8	Drowning	1.3	8	Migraine	3.3
9	Violence	1.0	9	Dental caries	2.4
10	Inflammatory heart diseases	0.9	10	Falls	2.1
11	Epilepsy	0.9	11	Road traffic injuries	2.0
12	Falls	0.6	12	Diarrhoeal diseases	1.4
13	Cerebrovascular disease	0.6	13	Otitis media	1.1
14	Fire-related burns	0.5	14	Iron-deficiency anaemia	1.1
15	Self-inflicted injuries	0.4	15	Epilepsy	1.1
<i>Low-income and middle-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	32.6	1	Perinatal causes	22.5
2	Lower respiratory infections	15.2	2	Lower respiratory infections	9.0
3	Diarrhoeal diseases	13.7	3	Congenital anomalies	8.6
4	Congenital anomalies	8.8	4	Diarrhoeal diseases	8.3
5	Meningitis	2.3	5	Iodine deficiency	4.9
6	Road traffic injuries	2.0	6	Falls	2.2
7	Drowning	1.9	7	Unipolar depressive disorders	2.1
8	Upper respiratory infections	1.4	8	Road traffic injuries	1.8
9	Leukaemia	0.9	9	Asthma	1.5
10	HIV/AIDS	0.7	10	Meningitis	1.4
11	Poisoning	0.7	11	Iron-deficiency anaemia	1.4
12	Fire-related burns	0.6	12	Migraine	1.4
13	Endocrine disorders	0.5	13	Refractive errors	1.3
14	Self-inflicted injuries	0.5	14	Protein-energy malnutrition	1.3
15	Epilepsy	0.5	15	Drowning	1.2

TABLE A.2 (CONTINUED)

Eastern Mediterranean Region					
<i>Both sexes</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	28.6	1	Perinatal causes	25.4
2	Lower respiratory infections	19.4	2	Lower respiratory infections	15.3
3	Diarrhoeal diseases	14.6	3	Diarrhoeal diseases	11.4
4	Congenital anomalies	4.5	4	Congenital anomalies	5.4
5	Measles	3.0	5	Protein–energy malnutrition	2.9
6	Malaria	2.8	6	Road traffic injuries	2.5
7	Road traffic injuries	2.2	7	Measles	2.3
8	Pertussis	2.1	8	Malaria	2.2
9	Meningitis	1.7	9	Pertussis	1.7
10	Protein–energy malnutrition	1.6	10	Meningitis	1.4
11	Tetanus	1.5	11	Falls	1.4
12	War and conflict	0.9	12	Tetanus	1.1
13	Syphilis	0.9	13	Iodine deficiency	1.1
14	Drowning	0.9	14	Iron-deficiency anaemia	0.9
15	Tuberculosis	0.7	15	Fire-related burns	0.8
<i>Boys</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	28.9	1	Perinatal causes	25.1
2	Lower respiratory infections	18.8	2	Lower respiratory infections	15.0
3	Diarrhoeal diseases	14.4	3	Diarrhoeal diseases	11.3
4	Congenital anomalies	4.5	4	Congenital anomalies	5.5
5	Measles	2.9	5	Protein–energy malnutrition	2.8
6	Malaria	2.7	6	Road traffic injuries	2.8
7	Road traffic injuries	2.6	7	Measles	2.3
8	Pertussis	2.1	8	Malaria	2.1
9	Tetanus	1.8	9	Pertussis	1.7
10	Meningitis	1.7	10	Meningitis	1.4
11	Protein–energy malnutrition	1.5	11	Falls	1.4
12	Drowning	1.1	12	Tetanus	1.3
13	War and conflict	1.0	13	Iodine deficiency	1.0
14	Syphilis	0.9	14	War and conflict	0.9
15	Tuberculosis	0.7	15	Iron-deficiency anaemia	0.9
<i>Girls</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	28.3	1	Perinatal causes	25.6
2	Lower respiratory infections	20.1	2	Lower respiratory infections	15.7
3	Diarrhoeal diseases	14.9	3	Diarrhoeal diseases	11.5
4	Congenital anomalies	4.5	4	Congenital anomalies	5.4
5	Measles	3.1	5	Protein–energy malnutrition	2.9
6	Malaria	2.9	6	Measles	2.3
7	Pertussis	2.2	7	Malaria	2.3
8	Road traffic injuries	1.7	8	Road traffic injuries	2.1
9	Meningitis	1.7	9	Pertussis	1.8
10	Protein–energy malnutrition	1.6	10	Meningitis	1.4
11	Tetanus	1.1	11	Falls	1.3
12	Syphilis	0.9	12	Iodine deficiency	1.1
13	War and conflict	0.8	13	Iron-deficiency anaemia	1.0
14	Tuberculosis	0.7	14	Fire-related burns	1.0
15	Drowning	0.6	15	Migraine	1.0

TABLE A.2 (CONTINUED)

Eastern Mediterranean Region					
<i>High-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal conditions	27.0	1	Perinatal conditions	19.2
2	Congenital anomalies	13.0	2	Congenital anomalies	10.8
3	Diarrhoeal diseases	10.8	3	Diarrhoeal diseases	6.6
4	Lower respiratory infections	9.4	4	Road traffic injuries	5.8
5	Road traffic injuries	8.4	5	Lower respiratory infections	5.5
6	Endocrine disorders	4.0	6	Endocrine disorders	5.0
7	Drowning	2.4	7	Protein–energy malnutrition	2.5
8	Tuberculosis	1.2	8	Falls	2.5
9	Leukaemia	1.1	9	Asthma	2.1
10	Meningitis	0.9	10	Migraine	1.8
11	Falls	0.9	11	Unipolar depressive disorders	1.8
12	Nephritis and nephrosis	0.8	12	Malaria	1.8
13	Dengue	0.7	13	Dental caries	1.3
14	Violence	0.5	14	Drowning	1.3
15	Epilepsy	0.5	15	Iron-deficiency anaemia	1.1
<i>Low-income and middle-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	28.7	1	Perinatal causes	25.4
2	Lower respiratory infections	19.5	2	Lower respiratory infections	15.4
3	Diarrhoeal diseases	14.6	3	Diarrhoeal diseases	11.4
4	Congenital anomalies	4.4	4	Congenital anomalies	5.3
5	Measles	3.0	5	Protein–energy malnutrition	2.9
6	Malaria	2.8	6	Malaria	2.6
7	Pertussis	2.1	7	Road traffic injuries	2.4
8	Road traffic injuries	2.1	8	Measles	2.3
9	Meningitis	1.7	9	Pertussis	1.9
10	Protein–energy malnutrition	1.6	10	Meningitis	1.4
11	Tetanus	1.5	11	Falls	1.4
12	War and conflict	0.9	12	Tetanus	1.1
13	Syphilis	0.9	13	Iodine deficiency	1.1
14	Drowning	0.9	14	Iron-deficiency anaemia	0.9
15	Tuberculosis	0.7	15	Fire-related burns	0.9

TABLE A.2 (CONTINUED)

Western Pacific Region					
<i>Both sexes</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	39.4	1	Perinatal causes	28.0
2	Diarrhoeal diseases	10.0	2	Diarrhoeal diseases	6.8
3	Lower respiratory infections	9.4	3	Lower respiratory infections	6.2
4	Drowning	6.3	4	Congenital anomalies	5.7
5	Congenital anomalies	5.6	5	Drowning	4.0
6	Meningitis	2.0	6	Refractive errors	3.8
7	Road traffic injuries	1.9	7	Protein–energy malnutrition	2.6
8	Endocrine disorders	1.5	8	Asthma	2.5
9	Malaria	1.3	9	Falls	2.4
10	Leukaemia	1.1	10	Unipolar depressive disorders	2.3
11	Tetanus	1.0	11	Road traffic injuries	2.0
12	Upper respiratory infections	0.9	12	Meningitis	1.4
13	Measles	0.8	13	Iron-deficiency anaemia	1.3
14	Protein–energy malnutrition	0.7	14	Intestinal nematode infections	1.2
15	Falls	0.7	15	Endocrine disorders	1.2
<i>Boys</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	37.9	1	Perinatal causes	26.7
2	Diarrhoeal diseases	9.8	2	Diarrhoeal diseases	6.6
3	Lower respiratory infections	9.3	3	Lower respiratory infections	6.1
4	Drowning	8.0	4	Congenital anomalies	5.4
5	Congenital anomalies	5.2	5	Drowning	4.9
6	Road traffic injuries	2.4	6	Refractive errors	3.9
7	Meningitis	2.0	7	Protein–energy malnutrition	2.7
8	Endocrine disorders	1.6	8	Falls	2.4
9	Malaria	1.4	9	Asthma	2.3
10	Tetanus	1.3	10	Road traffic injuries	2.3
11	Leukaemia	1.1	11	Unipolar depressive disorders	2.2
12	Upper respiratory infections	0.8	12	Schizophrenia	1.6
13	Falls	0.8	13	Alcohol use disorders	1.5
14	Protein–energy malnutrition	0.8	14	Meningitis	1.4
15	Measles	0.8	15	Iron-deficiency anaemia	1.4
<i>Girls</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	41.0	1	Perinatal causes	29.5
2	Diarrhoeal diseases	10.2	2	Diarrhoeal diseases	7.0
3	Lower respiratory infections	9.5	3	Lower respiratory infections	6.4
4	Congenital anomalies	6.0	4	Congenital anomalies	6.1
5	Drowning	4.7	5	Refractive errors	3.7
6	Meningitis	1.9	6	Drowning	3.0
7	Endocrine disorders	1.5	7	Asthma	2.7
8	Road traffic injuries	1.4	8	Protein–energy malnutrition	2.5
9	Malaria	1.2	9	Unipolar depressive disorders	2.4
10	Leukaemia	1.1	10	Falls	2.4
11	Upper respiratory infections	0.9	11	Road traffic injuries	1.7
12	Measles	0.8	12	Meningitis	1.4
13	Poisoning	0.8	13	Iron-deficiency anaemia	1.3
14	Tetanus	0.7	14	Endocrine disorders	1.3
15	Protein–energy malnutrition	0.7	15	Intestinal nematode infections	1.2

TABLE A.2 (CONTINUED)

Western Pacific Region					
<i>High-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal conditions	28.1	1	Congenital anomalies	13.2
2	Congenital anomalies	23.3	2	Perinatal conditions	10.9
3	Road traffic injuries	6.0	3	Asthma	10.0
4	Drowning	3.3	4	Unipolar depressive disorders	6.2
5	Leukaemia	2.9	5	Schizophrenia	4.6
6	Lower respiratory infections	2.9	6	Refractive errors	4.2
7	Endocrine disorders	2.3	7	Migraine	3.8
8	Violence	1.8	8	Falls	2.8
9	Inflammatory heart diseases	1.2	9	Road traffic injuries	2.5
10	Self-inflicted injuries	1.1	10	Endocrine disorders	2.3
11	Epilepsy	1.0	11	Dental caries	2.3
12	Falls	1.0	12	Diarrhoeal diseases	1.8
13	Fire-related burns	1.0	13	Iron-deficiency anaemia	1.6
14	Cerebrovascular disease	0.8	14	Alcohol use disorders	1.4
15	Meningitis	0.5	15	Self-inflicted injuries	1.3
<i>Low-income and middle-income countries</i>					
Rank	Cause of death	Proportion of total (%)	Rank	Cause of DALYs	Proportion of total (%)
1	Perinatal causes	39.6	1	Perinatal causes	28.4
2	Diarrhoeal diseases	10.2	2	Diarrhoeal diseases	6.9
3	Lower respiratory infections	9.5	3	Lower respiratory infections	6.4
4	Drowning	6.4	4	Congenital anomalies	5.5
5	Congenital anomalies	5.4	5	Drowning	4.0
6	Meningitis	2.0	6	Refractive errors	3.7
7	Road traffic injuries	1.9	7	Protein–energy malnutrition	2.6
8	Endocrine disorders	1.5	8	Falls	2.3
9	Malaria	1.3	9	Asthma	2.2
10	Leukaemia	1.1	10	Unipolar depressive disorders	2.2
11	Tetanus	1.0	11	Road traffic injuries	2.0
12	Upper respiratory infections	0.9	12	Meningitis	1.4
13	Measles	0.8	13	Iron-deficiency anaemia	1.3
14	Protein–energy malnutrition	0.7	14	Intestinal nematode infections	1.2
15	Falls	0.7	15	Endocrine disorders	1.2

<sup>a</sup> No high-income countries in the region.

DALYs = disability-adjusted life years lost.

Source: WHO (2008), Global Burden of Disease: 2004 update.

TABLE A.3

## Unintentional injuries reported by 13–15-year-olds included in the Global School Health Survey

Country	Botswana		Cayman Islands <sup>a</sup>		Chile (Metropolitan)		China (Beijing)		Djibouti	
Year	2005		2007		2004		2003		2007	
Overall response rate	95.0%		79.0%		85.0%		99.0%		83.0%	
Number of schools	25		8		25		25		11	
All students	2197		1299		2111		2348		1777	
<b>Sample</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Students 13–15 yrs	1375	63.4	935	73.3	1766	81.1	1936	81.6	923	52.7
<b>Sex</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Male	581	46.4	474	53.9	812	50.9	922	49.8	535	60.1
Female	788	53.6	457	46.1	951	49.1	1014	50.2	387	39.9
<b>Injuries</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>
Any injury	65.8	62.4–69.1	50.2	–	36.4	33.9–39.0	16.4	14.5–18.4	60.6	56.1–65.0
Unintentional injury	56.0	50.6–61.4	86.0	–	83.6	80.3–86.9	83.6	78.5–88.8	57.3	49.4–65.1
<b>Cause of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Road traffic injury	41	12.3	16	5.8	13	3.5	7	3.1	9	6.9
Fall	114	34.8	79	26.6	208	46.6	84	40.0	64	45.9
Burn	27	7.7	11	3.3	4	1.0	7	3.2	1	0.7
Struck by an object	51	15.2	24	9.1	25	5.9	35	16.4	16	11.3
Other	99	30.0	154	55.1	200	43.1	80	37.2	48	35.2
Total	332	100.0	284	100.0	450	100.0	213	100.0	138	100.0
<b>Activity</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Playing a sport	107	32.8	105	37.9	232	52.1	43	20.4	51	40.4
Walking/running	47	14.4	27	8.7	55	12.9	42	19.7	8	6.1
Riding a two-wheeler	70	21.5	75	26.2	41	9.2	29	14.3	18	14.7
Driving motor vehicle	18	5.5	6	2.4	7	1.6	5	2.3	8	6.2
Doing work	40	11.3	11	3.2	12	2.3	12	5.5	3	2.1
Nothing	25	7.2	12	3.8	13	2.7	31	14.3	16	12.5
Something else	22	7.3	52	17.7	90	19.2	51	23.6	22	18.1
Total	329	100.0	288	100.0	450	100.0	213	100.0	126	100.0
<b>Nature of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Fracture or dislocation	78	23.7	71	27.8	214	48.3	60	28.4	17	13.5
Penetrating injury	108	33.7	67	23.7	24	5.5	30	14.1	17	12.7
Head injury	33	9.4	17	6.8	29	6.5	6	2.8	29	21.8
Gunshot wound	11	3.4	10	3.7	1	0.3	0	0.0	25	18.7
Burn	45	12.9	19	7.0	6	1.4	3	1.4	6	4.5
Amputation	11	3.3	1	0.3	4	0.8	2	0.9	5	3.7
Other	46	13.6	84	30.7	173	37.2	111	52.4	32	25.1
Total	332	100.0	269	100.0	451	100.0	212	100.0	131	100.0

TABLE A.3 (CONTINUED)

Country	Egypt		Guatemala (Capital City)		Guyana		Jordan			
Year	2006		2006		2004		2004		2007	
Overall response rate	87.0%		41.0%		80.0%		95.0%		99.8%	
Number of schools	51		19		25		26		25	
All students	5249		898		1212		2457		2197	
<b>Sample</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Students 13–15 yrs	3910	75.4	690	78.2	1052	86.6	1844	74.0	1631	73.9
<b>Sex</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Male	2082	54.1	275	44.8	415	47.0	820	48.4	916	47.5
Female	1795	45.9	412	55.2	626	53.0	1004	51.6	711	52.5
<b>Injuries</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>
Any injury	38.5	33.4–43.6	33.0	28.3–37.8	33.3	29.1–37.6	36.1	33.0–39.3	43.5	36.5–50.5
Unintentional injury	83.5	78.9–88.2	72.3	66.2–78.3	68.4	61.9–75.0	80.9	76.8–85.0	77.4	72.0–82.8
<b>Cause of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Road traffic injury	126	28.3	9	8.7	14	8.8	17	4.8	17	4.6
Fall	100	23.7	59	52.0	55	35.7	91	23.6	91	26.9
Burn	8	1.6	0	0.0	3	1.5	7	1.8	7	2.2
Struck by an object	59	14.9	11	7.7	17	12.0	63	16.8	72	22.0
Other	121	31.5	32	31.6	68	42.0	206	52.9	140	40.9
Total	414	100.0	111	100.0	157	100.0	384	100.0	327	100.0
<b>Activity</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Playing a sport	203	47.1	72	62.9	27	19.9	101	27.2	105	30.7
Walking/running	108	24.4	11	10.1	27	17.4	59	15.0	42	13.8
Riding a two-wheeler	33	7.9	4	2.3	18	11.7	20	5.3	18	5.2
Driving motor vehicle	15	3.1	3	3.7	6	4.4	14	3.9	9	2.7
Doing work	18	4.7	9	7.3	18	10.6	21	5.9	22	7.6
Nothing	31	8.1	2	0.9	20	11.8	78	19.3	46	15.4
Something else	22	4.7	14	12.9	39	24.2	91	23.4	74	24.5
Total	430	100.0	115	100.0	155	100.0	384	100.0	316	100.0
<b>Nature of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Fracture or dislocation	170	36.3	54	46.6	34	22.3	103	27.0	91	28.2
Penetrating injury	146	37.5	0	0.0	48	31.7	73	20.1	56	16.7
Head injury	27	6.9	6	4.5	6	3.7	23	6.1	34	10.7
Gunshot wound	9	2.3	1	1.0	1	0.6	1	0.4	4	1.2
Burn	8	2.0	3	2.4	9	5.7	13	3.3	6	2.1
Amputation	5	1.2	0	0.0	2	1.1	1	0.2	2	0.5
Other	51	13.8	45	45.5	57	35.0	168	43.0	120	40.6
Total	416	100.0	109	100.0	157	100.0	382	100.0	313	100.0

TABLE A.3 (CONTINUED)

Country	Kenya		Lebanon		Libyan Arab Jamahiriya		Morocco <sup>b</sup>		Namibia <sup>c</sup>	
Year	2003		2005		2007		2006		2004	
Overall response rate	84.0%		88.0%		98.0%		84.0%		82.0%	
Number of schools	50		92		50		25		95	
All students	3691		5115		2242		2670		6367	
<b>Sample</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Students 13–15 yrs	2758	75.1	3754	73.4	1492	69.3	1866	72.8	4251	63.4
<b>Sex</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Male	1280	47.7	1743	48.3	646	51.1	888	53.3	1852	42.7
Female	1462	52.3	2009	51.7	828	48.9	953	46.7	2370	57.3
<b>Injuries</b>	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Any injury	71.0	66.4–75.6	31.1	29.1–33.1	40.3	36.7–43.9	44.7	40.6–48.8	60.2	55.8–64.6
Unintentional injury	64.1	60.7–67.5	85.8	83.4–88.2	74.2	68.3–80.1	65.7	60.1–71.3	60.0	56.4–63.5
<b>Cause of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Road traffic injury	107	15.5	50	7.0	20	12.3	41	13.8	105	14.0
Fall	231	30.1	204	28.9	28	17.6	135	46.0	237	21.7
Burn	58	7.7	23	3.1	7	3.8	9	2.6	65	8.7
Struck by an object	165	21.7	159	22.8	22	12.4	29	10.4	128	15.0
Other	203	24.9	273	38.2	89	53.9	80	27.1	351	40.5
Total	764	100.0	709	100.0	166	100.0	294	100.0	886	100.0
<b>Activity</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%		
Playing a sport	224	30.9	234	33.4	74	47.1	123	44.6		
Walking/running	215	27.8	89	12.5	31	16.4	25	9.1		
Riding a two-wheeler	162	20.3	88	12.4	11	6.3	33	11.3		
Driving motor vehicle	25	3.2	33	4.9	9	4.6	14	5.5		
Doing work	59	7.2	41	5.9	13	6.7	11	4.4		
Nothing	60	7.5	81	11.0	16	7.6	33	12.0		
Something else	23	3.2	144	20.0	22	11.3	38	13.1		
Total	768	100.0	710	100.0	176	100.0	277	100.0		
<b>Nature of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%			<i>n</i>	%
Fracture or dislocation	234	30.4	262	37.5	42	24.7			209	21.3
Penetrating injury	290	38.9	166	23.2	50	30.9			176	19.0
Head injury	69	9.5	83	11.7	15	9.9			74	9.5
Gunshot wound	23	3.3	9	1.4	3	1.7			24	2.6
Burn	36	4.5	26	3.6	5	2.6			56	7.6
Amputation	21	3.3	6	0.9	1	0.5			54	6.6
Other	87	10.1	157	21.7	56	29.8			296	33.3
Total	760	100.0	709	100.0	172	100.0			889	100.0

TABLE A.3 (CONTINUED)

Country	Oman		Philippines				Saint Lucia		Saint Vincent and the Grenadines	
Year	2005		2003		2007		2007		2007	
Overall response rate	97.0%		84.0%		81.0%		82.0%		84.0%	
Number of schools	51		148		73		20		26	
All students	2979		7338		5657		1276		1333	
<b>Sample</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Students 13–15 yrs	2280	77.7	4160	69.9	3433	61.1	864	69.4	1029	74.7
<b>Sex</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Male	1109	52.6	1643	40.9	1383	49.4	371	45.3	473	47.5
Female	1146	47.4	2495	59.1	2047	50.6	492	54.7	554	52.5
<b>Injuries</b>	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Any injury	26.6	22.5–30.7	29.9	26.2–33.6	46.0	43.0–49.0	47.8	43.4–52.3	48.4	41.0–55.7
Unintentional injury	83.2	79.3–87.1	77.9	74.0–81.8	81.9	78.7–85.0	77.9	72.3–83.6	67.7	60.1–75.3
<b>Cause of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Road traffic injury	23	7.4	91	11.7	78	14.1	13	5.7	12	6.5
Fall	109	33.3	128	24.6	136	23.9	100	41.8	79	40.7
Burn	2	0.6	25	4.4	6	1.1	1	0.4	6	3.1
Struck by an object	32	9.8	63	9.3	91	17.7	15	6.6	18	8.5
Other	159	49.0	278	47.4	256	43.3	109	45.6	86	41.3
Total	325	100.0	585	100.0	567	100.0	238	100.0	201	100.0
<b>Activity</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Playing a sport	115	36.7	158	28.8	163	30.0	64	28.5	43	21.6
Walking/running	43	13.1	108	17.5	114	19.0	33	13.4	45	24.9
Riding a two-wheeler	16	5.3	49	6.5	68	10.9	30	13.9	23	11.9
Driving motor vehicle	10	3.1	18	2.8	14	2.2	5	1.9	6	2.8
Doing work	14	4.3	90	15.7	81	12.1	19	8.1	26	12.0
Nothing	75	22.9	78	14.5	85	14.2	12	4.7	16	7.9
Something else	48	14.5	71	14.1	69	11.7	72	29.4	37	19.0
Total	321	100.0	572	100.0	594	100.0	235	100.0	196	100.0
<b>Nature of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Fracture or dislocation	73	22.8	118	18.9	115	23.1	59	28.1	53	28.5
Penetrating injury	93	29.1	116	20.9	88	19.1	65	26.3	67	33.3
Head injury	14	4.4	66	13.1	65	12.9	11	5.0	5	2.9
Gunshot wound	5	1.6	5	1.0	5	1.4	2	0.8	2	1.4
Burn	14	4.4	13	1.5	2	0.5	9	3.4	11	5.7
Amputation	125	37.4	2	0.4	5	0.8	0	0.0	0	0.0
Other	1	0.3	259	44.3	230	42.2	86	36.4	59	28.1
Total	325	100.0	579	100.0	510	100.0	232	100.0	197	100.0

TABLE A.3 (CONTINUED)

Country	Swaziland		Tajikistan		Trinidad and Tobago		Uganda		United Republic of Tanzania (Dar es Salaam)	
Year	2003		2006		2007		2003		2006	
Overall response rate	96.0%		80.0%		78.0%		69.0%		87.0%	
Number of schools	97		99		32		45		25	
All students	7341		9714		2969		3215		2176	
<b>Sample</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Students 13–15 yrs	6784	95.4	7395	76.3	2095	69.1	1878	60.5	1217	49.6
<b>Sex</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Male	2341	35.6	3629	54.1	1018	50.1	880	47.6	649	51.4
Female	4240	64.4	3694	45.9	1063	49.9	963	52.4	560	48.6
<b>Injuries</b>	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Any injury	38.6	36.7–40.4	17.6	14.1–21.1	46.5	43.1–49.8	63.4	58.5–68.4	39.9	36.1–43.7
Unintentional injury	58.4	56.0–60.9	82.0	75.4–88.6	75.4	71.5–79.2	71.6	67.7–75.7	89.6	86.3–92.8
<b>Cause of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Road traffic injury	121	11.6	29	12.6	24	7.6	84	14.0	17	5.2
Fall	366	35.5	117	57.0	173	38.3	227	38.8	133	50.7
Burn	73	6.8	2	0.9	2	0.3	46	7.8	23	8.6
Struck by an object	126	11.7	14	6.5	66	13.9	98	16.7	39	13.4
Other	367	34.4	33	23.0	182	38.9	142	22.7	67	22.1
Total	1053	100.0	195	100.0	447	100.0	597	100.0	279	100.0
<b>Activity</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Playing a sport	342	32.6	135	58.6	176	37.4	233	38.5	100	38.9
Walking/running	157	14.7	33	13.4	38	8.3	117	19.4	41	17.9
Riding a two-wheeler	119	11.7	28	19.0	55	12.4	97	17.1	38	13.8
Driving motor vehicle	52	5.2	3	1.1	15	4.1	17	2.6	5	1.5
Doing work	141	13.2	13	4.4	35	5.8	54	9.2	8	3.3
Nothing	93	8.7	4	2.2	21	5.4	41	7.1	46	19.2
Something else	146	13.9	4	1.3	112	26.6	39	6.1	14	5.5
Total	1050	100.0	220	100.0	452	100.0	598	100.0	252	100.0
<b>Nature of injury</b>	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Fracture or dislocation	314	30.0	92	47.5	102	24.1	186	30.3	61	23.4
Penetrating injury	310	30.1	39	20.0	124	24.8	238	40.2	60	20.8
Head injury	62	6.0	27	14.4	21	5.0	45	7.7	42	15.5
Gunshot wound	7	0.7	0	0.0	4	0.7	8	1.5	4	2.1
Burn	89	8.8	12	4.9	20	5.7	35	5.7	33	13.9
Amputation	24	2.6	3	2.1	2	0.0	21	3.6	6	3.5
Other	237	21.9	21	11.1	165	39.8	64	11.0	47	20.9
Total	1043	100.0	194	100.0	438	100.0	597	100.0	253	100.0

TABLE A.3 (CONTINUED)

Country	Uruguay		Zambia		Zimbabwe (Harare)	
Year	2006		2004		2003	
Overall response rate	71.0%		70.0%		84.0%	
Number of schools	95		47		25	
All students	3406		2257		1997	
<b>Sample</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Students 13–15 yrs	2372	70.4	1241	58.9	1435	72.8
<b>Sex</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Male	1070	45.1	553	51.5	604	47.8
Female	1296	54.9	651	48.5	823	52.2
<b>Injuries</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>	<b>%</b>	<b>95% CI</b>
Any injury	25.5	23.7–27.3	71.5	65.5–77.4	57.1	49.7–64.5
Unintentional injury	86.3	82.9–89.7	61.7	55.6–67.8	68.6	64.0–73.3
<b>Cause of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Road traffic injury	38	10.5	54	26.5	49	12.5
Fall	152	37.3	43	20.2	143	36.6
Burn	3	0.6	18	9.4	33	8.1
Struck by an object	47	11.1	43	21.5	62	14.9
Other	164	40.5	51	22.5	107	27.9
<i>Total</i>	<i>404</i>	<i>100.0</i>	<i>209</i>	<i>100.0</i>	<i>394</i>	<i>100.0</i>
<b>Activity</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Playing a sport	223	54.2	79	38.8	123	32.2
Walking/running	26	6.6	40	18.8	68	17.3
Riding a two-wheeler	53	13.7	20	8.7	65	16.4
Driving motor vehicle	22	5.7	6	2.8	15	3.6
Doing work	11	2.9	29	15.2	63	14.8
Nothing	6	1.7	25	11.7	24	6.8
Something else	62	15.2	9	3.9	38	8.9
<i>Total</i>	<i>403</i>	<i>100.0</i>	<i>208</i>	<i>100.0</i>	<i>396</i>	<i>100.0</i>
<b>Nature of injury</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Fracture or dislocation	145	36.2	52	23.4	146	38.3
Penetrating injury	29	7.7	40	19.2	90	23.2
Head injury	24	6.2	32	16.7	49	12.4
Gunshot wound	0	0.0	8	4.0	6	1.5
Burn	9	2.1	20	10.5	28	6.6
Amputation	0	0.0	16	6.6	13	3.7
Other	187	47.8	41	19.5	58	14.2
<i>Total</i>	<i>394</i>	<i>100.0</i>	<i>209</i>	<i>100.0</i>	<i>390</i>	<i>100.0</i>

CI = Confidence interval.

<sup>a</sup> No confidence intervals available.

<sup>b</sup> Did not collect information about the nature of injury.

<sup>c</sup> Did not collect information about activity.

Source: WHO Global School Health Survey (<http://www.who.int/chp/gshs/en/>, accessed 18 July 2008).

TABLE B.1

## Child mortality and injury in Asia

All countries surveyed						
Both sexes (age in years)						
	<1	1–4	5–9	10–14	15–17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>						
Injury	3	33	56	58	57	20
Communicable diseases	39	42	23	20	10	36
Noncommunicable diseases <sup>a</sup>	48	16	13	10	20	34
Undetermined	10	9	8	12	12	10
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>						
Road traffic injuries	10.0	4.3	7.8	10.0	14.3	8.9
Burns	5.5	0.7	0.2	–	–	0.4
Drowning	32.8	65.3	36.9	12.7	6.7	30.1
Falls	11.7	4.9	1.5	2.2	–	2.6
Poisoning	2.3	1.1	2.1	–	–	0.8
Suffocation	33.3	–	3.0	2.0	–	3.2
Other unintentional						10.6
<b>Ratio of injury to death by severity level (frequency per each injury death)</b>						
Missed work, school or sought treatment						34.4
Hospitalization <10 days						7.7
Hospitalization ≥10 days						3.1
Permanent disability						1.2
Death						1
<b>Fatal injury rate (per 100 000 children) for children 0–17 years by survey location</b>						
	Bangladesh	Beijing, China	Jiangxi, China	Thailand	Philippines	Viet Nam
	49.7	23.0	58.0	39.0	59.4	78.0
<b>Fatal injury rate (per 100 000 children) for children 0–17 years by urban/rural area</b>						
Urban	150.9		65.2	229.4		104.0
Rural	651.9	75.4	194.4	146.6		196.4
<b>Fatal injury rate (per 100 000 children) for children 0–17 years by sex</b>						
Boys	56.0	29.1	75.9	46.6	38.8	99.3
Girls	43.3	16.2	41.9	30.1	20.6	57.2

TABLE B.1 (CONTINUED)

Bangladesh												
	Boys (age in years)						Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>												
Injury	1.5	25.8	42.4	55.6	48.7	12.9	1.5	25.4	37.3	17.1	52.2	11.1
Communicable diseases	43.6	51.5	38.1	17.8	24.2	42.8	41.5	42.9	35.9	32.3	8.3	40.2
Noncommunicable diseases <sup>a</sup>	45.5	11.3	5.3	5.7	11.8	33.5	44.1	21.6	9.5	17.8	9.7	34.9
Undetermined	9.4	11.4	14.2	20.8	15.3	10.8	13.0	10.1	17.4	32.8	29.7	13.8
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
All unintentional	94.6	91.7	51.2	32.7	25.9	52.8	82.5	99.0	36.6	5.1	4.5	37.7
Road traffic injuries			4.1	12.2	10.2	6.3		7.4	9.5	2.9		0.3
Burns	17.3	1.8				1.2		0.7	0.5			0.3
Drowning	19.9	89.9	31.2	6.6	2.7	31.8	9.7	83.6	21.9			24.6
Falls	8.4		2.0	4.9		2.4	36.0	3.3		2.2		3.0
Poisoning <sup>b</sup>												
Suffocation	31.6		2.1			2.1	24.0					1.1
Other unintentional	17.3		11.8	9.1	13.0	8.9	12.8	4.0	4.7		4.5	3.5
All intentional				1.4	19.1	3.2		0.8		2.8	31.7	5.6
Total	94.6	91.7	51.2	34.1	45.1	56.0	82.5	99.8	36.6	7.9	36.1	43.3
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
		<b>Road traffic injuries</b>		<b>Drowning</b>		<b>Burns</b>		<b>Falls</b>		<b>Poisoning<sup>b</sup></b>		<b>Other unintentional</b>
Missed work, school or sought treatment			147.1		9.3	14.2		38.3				16.0
Hospitalization <10 days			22.6			7.3		12.6				10.2
Hospitalization ≥10 days			13.8			5.2		7.7				6.7
Permanent disability			5.8		104.8	256.4		379.9				388.8
Death					28.3	0.7		2.7				7.8

Beijing, China												
	Boys (age in years)						Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>												
Injury		100				50.0					100	25.0
Communicable diseases												
Noncommunicable diseases <sup>a</sup>							50.0			100		50.0
Undetermined						50.0	33.3	50.0				25.0
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
All unintentional		88.9				61.3					69.9	16.2
Road traffic injuries		88.9									69.9	16.2
Burns <sup>b</sup>												
Drowning						61.3						14.6
Falls <sup>b</sup>												
Poisoning <sup>b</sup>												
Suffocation <sup>b</sup>												
Other unintentional <sup>b</sup>												
All intentional <sup>b</sup>												
Total		88.9				61.3					69.9	16.2
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
		<b>Road traffic injuries</b>		<b>Drowning</b>		<b>Burns</b>		<b>Falls</b>		<b>Poisoning</b>		<b>Other unintentional</b>
Missed work, school or sought treatment			176.2			99.6		566.7		46.0		850.1
Hospitalization <10 days			30.6			30.6		84.2		7.7		114.9
Hospitalization ≥10 days			53.6			23.0		38.3				15.3
Permanent disability			7.7									7.7
Death			32.6		32.6							

TABLE B.1 (CONTINUED)

Jiangxi, China												
	Boys (age in years)						Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>												
Injury	9.8	79.0	85.7	100	50.0	42.0	5.0	50.0	62.5	100		22.1
Communicable diseases	2.4		7.1		16.7	3.3	1.7	7.1	12.5			3.8
Noncommunicable diseases <sup>a</sup>	86.4	21.1	7.1		33.3	53.9	92.8	21.4	25.0		100	69.7
Undetermined	1.5					0.8	0.6	21.4				4.4
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
All unintentional	169.3	114.8	76.1	45.1	25.5	74.7	115.6	77.4	40.5	7.6		35.9
Road traffic injuries		7.7	19.0	19.3	12.7	14.4		22.1				4.7
Burns	10.6					0.6	14.5					0.7
Drowning	21.2	99.5	50.7	19.3	12.7	46.4	14.5	55.3	32.4			21.6
Falls	10.6	7.7	6.3			4.2	14.5		8.1	7.6		5.4
Poisoning	21.2					1.2						
Suffocation	105.8					6.0	72.3					3.5
Other unintentional				6.4								
All intentional					12.7	1.8				7.6		2.3
<i>Total</i>	<i>169.3</i>	<i>114.8</i>	<i>76.1</i>	<i>45.1</i>	<i>38.2</i>	<i>76.5</i>	<i>115.6</i>	<i>77.4</i>	<i>40.5</i>	<i>15.3</i>		<i>38.2</i>
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
		Road traffic injuries		Drowning		Burns		Falls		Poisoning		Other unintentional
Missed work, school or sought treatment		561.3		21.4		289.8		244.5		7.8		314.4
Hospitalization <10 days		103.7		4.1		27.5		123.4				62.0
Hospitalization ≥10 days		58.0		1.0		20.3		16.8				5.3
Permanent disability		17.3				2.0		2.4				2.3
Death		10.2		35.4		0.6		0.5				4.7

Thailand												
	Boys (age in years)						Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>												
Injury		61.2	47.3	84.3	88.1	27.3	4.2	41.6	64.5	65.2	55.0	16.7
Communicable diseases	36.3	25.1	21.3	1.0	8.0	28.1	38.8	51.8	36.5	18.3	10.8	37.9
Noncommunicable diseases <sup>a</sup>	64.7	10.0	25.0	12.2	2.7	43.3	57.1	6.6		16.5	7.4	44.7
Undetermined		3.8	6.4	2.5	1.3	1.4					26.8	0.7
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
All unintentional		55.5	30.4	25.8	114.6	45.7	91.2	35.2	29.9	22.4	10.7	29.2
Road traffic injuries			2.6	19.2	114.6	24.2			15.1	5.4	10.7	7.4
Burns									2.0			0.5
Drowning		55.5	24.0	1.0		18.8		24.0	12.7	17.0		13.4
Falls			1.9	1.7		1.0						
Poisoning												
Suffocation							91.2					5.6
Other unintentional			1.9	3.9		1.7		11.2				2.3
All intentional					12.4	1.9					5.1	0.9
<i>Total</i>		<i>55.5</i>	<i>30.4</i>	<i>25.8</i>	<i>127.0</i>	<i>47.6</i>	<i>91.2</i>	<i>35.2</i>	<i>29.9</i>	<i>22.4</i>	<i>15.8</i>	<i>30.1</i>
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
		Road traffic injuries		Drowning		Burns		Falls		Poisoning		Other unintentional
Missed work, school or sought treatment		212.1		11.4		66.8		244.5		7.8		314.4
Hospitalization <10 days		160.5		5.6		6.6		123.4				62.0
Hospitalization ≥10 days		66.9		1.3		4.0		16.8				5.3
Permanent disability		4.3						2.4				2.3
Death		15.6		16.1		0.3		0.5				4.7

TABLE B.1 (CONTINUED)

Philippines												
Both sexes (age in years) <sup>c</sup>												
	<1	1-4	5-9	10-14	15-17	Under 18						
<b>Percentage (%) distribution of mortality by cause and age group</b>												
Injury	8.1	16.7	19.9	24.9	25.6	13.5						
Communicable diseases	41.9	52.6	46.9	19.7	25.4	39.1						
Noncommunicable diseases <sup>a</sup>	13.4	11.7	11.9	23.3	21.5	16.4						
Undetermined	29.7	5.7	6.4	6.9	7.9	19.8						
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
	Boys (age in years)						Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
All unintentional	227.4	74.7	33.8	40.3	35.2	57.2	250.8	81.5	11.4	30.5	20.7	49.5
Road traffic injuries		6.8	23.6	15.1	13.2	15.3			5.7			
Burns	41.4					2.4		9.1			6.9	5.5
Drowning		27.2		10.1	4.4	7.1		27.2		12.2	6.9	12.4
Falls		6.8	3.4	5.1		3.5						
Poisoning		6.8			4.4	2.4						
Suffocation	165.4					9.4	188.1			6.1		9.2
Other unintentional		27.2	6.8	5.1	17.6	17.2	62.7	45.3	5.7	12.2	6.9	32.4
All intentional	20.7	20.4		5.1	4.4	8.2					6.9	1.8
Total	248.1	95.1	33.8	45.4	39.6	65.4	250.8	81.5	11.4	30.5	27.5	51.3
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
	Road traffic injuries		Drowning		Burns		Falls		Poisoning		Other unintentional	
Missed work, school or sought treatment			216.8		12.8		438.8		210.9		26.4	
Hospitalization <10 days			98.6		6.3		368.2		92.3		26.9	
Hospitalization ≥10 days			39.4		6.8		23.2		52.7			
Permanent disability			72.2				52.3		65.9			
Death			9.4		9.4		3.6		2.2		1.5	33.3
<b>Viet Nam</b>												
Boys (age in years)												
	<1	1-4	5-9	10-14	15-17	Under 18	Girls (age in years)					
	<1	1-4	5-9	10-14	15-17	Under 18	<1	1-4	5-9	10-14	15-17	Under 18
<b>Percentage (%) distribution of mortality by cause, age group and sex</b>												
Injury	67.6	44.2	54.7	50.4	69.1	56.2		44.6	78.1	100		56.1
Communicable diseases	24.7	29.5		19.9		13.2						
Noncommunicable diseases <sup>a</sup>			30.3	10.5	30.9	16.5	40.9				100	13.7
Undetermined	7.7	25.9	14.9	19.2		14.2	59.1	55.4	21.9			30.2
<b>Injury mortality rate (per 100 000 children) by cause, age group and sex</b>												
All unintentional	375.1	52.8	93.1	90.9	100.2	98.7		36.4	130.9	47.4		56.9
Road traffic injuries	94.5			11.7	12.5	10.2			17.6	16.0		10.0
Burns										19.1		
Drowning	220.1	42.4	71.3	49.3	30.1	57.3			71.6			25.6
Falls								36.4				6.1
Poisoning		10.4				1.8			19.3			5.2
Suffocation			21.8	15.8		10.9						
Other unintentional	60.5			14.1	57.6	18.6			22.4	12.3		10.1
All intentional <sup>b</sup>												
Total	375.1	52.8	93.1	90.9	100.2	98.7		36.4	130.9	47.4		56.9
<b>Severity rate (per 100 000 children) for unintentional injuries in children aged 0-17 years, both sexes</b>												
	Road traffic injuries		Drowning		Burns		Falls		Poisoning		Other unintentional	
Missed work, school or sought treatment			236.0		9.6		77.6		470.2		28.3	645.6
Hospitalization <10 days			184.5		8.6		29.5		334.8		47.7	167.6
Hospitalization ≥10 days			80.4				18.5		130.8		9.5	41.0
Permanent disability			23.7				6.4		58.2			68.1
Death			10.1		41.9				3.0		3.5	20.1

<sup>a</sup> Includes congenital causes of death, perinatal causes and other causes related to the pregnancy and birth process.

<sup>b</sup> None recorded.

<sup>c</sup> Not disaggregated by sex.

Source: UNICEF/TASC injury surveys in six Asian locations, 2008.

TABLE C.1

Unintentional injuries among children<sup>a</sup> presenting to emergency departments in four low-income countries, <sup>b</sup> 2007

		Road traffic injuries (n=350)		Drowning (n=20)		Burns (n=210)	
		n	%	n	%	n	%
Sex	Boys	247	70.6	11	55.0	111	52.9
	Girls	103	29.4	9	45.0	99	47.1
Age	0–12 months	2	0.6	1	5.0	8	3.8
	1–4 years	76	21.7	8	40.0	110	52.4
	≥5 years	272	77.7	11	55.0	92	43.8
Time of injury	Morning (06:01–12:00)	128	36.6	6	30.0	80	38.1
	Lunchtime (12:01–14:30)	71	20.3	4	20.0	40	19.0
	Afternoon (14:31–17:00)	39	11.1	0	0	39	18.6
	Evening (17:01–20:00)	53	15.1	4	20.0	26	12.4
	Night (20:01–06:00)	59	16.9	6	30.0	25	11.9
Mode of transport to hospital	Private car	86	24.6	11	55.0	44	21.0
	Public ambulance	59	16.9	0	0	14	6.7
	Private ambulance	48	13.7	1	5.0	19	9.0
	Motorcycle	17	4.9	1	5.0	1	0.5
	Bicycle	3	0.9	0	0	1	0.5
	Walking	31	8.9	2	10.0	18	8.6
	Taxi	80	22.9	5	25.0	109	51.9
	Other	26	7.4	0	0	4	1.9
Who brought child to hospital?	Mother	111	31.7	6	30.0	78	37.1
	Father	159	45.4	9	45.0	108	51.4
	Other family member	51	14.6	5	25.0	22	10.5
	Friend	5	1.4	0	0	2	1.0
	Teacher	2	0.6	0	0	0	0
	Other	22	6.3	0	0	0	0
Activity at time of injury	Sports	11	3.1	0	0	1	0.5
	Leisure/play	104	29.7	17	85.0	145	69.0
	Travelling	156	44.6	0	0	1	0.5
	Work (paid and unpaid)	19	5.4	0	0	15	7.1
	Educational activity	19	5.4	0	0	2	1.0
	Daily living	26	7.4	1	5.0	22	10.5
	Other/unknown/refused to answer	15	4.3	2	10.0	24	11.4
Where did injury occur?	Home (inside)	5	1.4	4	20.0	142	67.6
	Home (outside)	57	16.3	7	35.0	19	9.0
	Road/street/highway	249	71.1	2	10.0	2	1.0
	Countryside/farm/marketplace	2	0.6	1	5.0	1	0.5
	Other public building	2	0.6	6	30.0	44	21.0
	School/sports/play area	3	0.9	0	0	2	1.0
	Other/unknown	5	1.4	4	20.0	142	67.6
Nature of most severe injury	Concussion	80	26.0	3	15.0	1	0.5
	Cut/bite/open wound	78	25.3	7	35.0	0	0
	Fracture	65	21.1	1	5.0	0	0
	Sprain	33	10.7	1	5.0	0	0
	Bruise	42	13.6	3	15.0	2	1.0
	Burn	2	0.6	1	5.0	191	96.0
	Organ system	3	1.0	4	20.0	1	0.5
	Other/unknown	5	1.6	0	0	4	2.0
Outcome after injury	Treated and discharged home	173	55.1	11	55.0	41	19.7
	Admitted to a ward/intensive care unit/burn unit	100	31.8	4	20.0	164	78.8
	Admitted for emergency surgery	20	6.4	0	0	0	0
	Died in emergency room	2	0.6	2	10.0	0	0
	Referred to another centre	9	2.9	3	15.0	2	1.0
	Left before treatment completed	3	1.0	0	0	1	0.5
	Other/unknown	7	2.2	0	0	0	0
Estimated long-term effect of injury	No significant disability	119	34.0	13	65.0	108	51.4
	Short-term temporary disability (<6 weeks)	135	38.6	4	20.0	51	24.3
	Long-term temporary disability (≥6 weeks)	52	14.9	1	5.0	35	16.7
	Permanent disability	8	2.3	2	10.0	16	7.6

TABLE C.1 (CONTINUED)

		Falls (n=913)		Poisoning (n=66)		Total (n=1559)	
		n	%	n	%	n	%
Sex	Boys	598	65.5	43	65.2	1010	64.8
	Girls	315	34.5	23	34.8	549	35.2
Age	0–12 months	20	2.2	1	1.5	32	2.1
	1–4 years	355	38.9	37	56.1	586	37.6
	≥5 years	538	58.9	28	42.4	941	60.4
Time of injury	Morning (06:01–12:00)	294	32.2	27	40.9	535	34.3
	Lunchtime (12:01–14:30)	203	22.2	13	19.7	331	21.2
	Afternoon (14:31–17:00)	136	14.9	9	13.6	223	14.3
	Evening (17:01–20:00)	112	12.3	7	10.6	202	13.0
	Night (20:01–06:00)	168	18.4	10	15.2	268	17.2
Mode of transport to hospital	Private car	263	28.8	27	40.9	431	27.6
	Public ambulance	77	8.4	6	9.1	156	10.0
	Private ambulance	33	3.6	3	4.5	104	6.7
	Motorcycle	26	2.8	4	6.1	49	3.1
	Bicycle	3	0.3	0	0	7	0.4
	Walking	123	13.5	7	10.6	181	11.6
	Taxi	303	33.2	10	15.2	507	32.5
	Other	85	9.3	9	13.6	124	8.0
Who brought child to hospital?	Mother	376	41.2	35	53.0	606	38.9
	Father	412	45.1	25	37.9	713	45.7
	Other family member	92	10.1	6	9.1	176	11.3
	Friend	9	1.0	0	0	16	1.0
	Teacher	12	1.3	0	0	14	0.9
	Other	12	1.3	0	0	34	2.2
Activity at time of injury	Sports	42	4.6	2	3.0	56	3.6
	Leisure/play	684	74.9	36	54.5	986	63.2
	Travelling	16	1.8	1	1.5	174	11.2
	Work (paid or unpaid)	37	4.1	1	1.5	72	4.6
	Educational activity	23	2.5	1	1.5	45	2.9
	Daily living	80	8.8	18	27.3	147	9.4
	Other/unknown/refused to answer	31	3.4	7	10.6	79	5.1
Where did injury occur?	Home (inside)	351	38.4	41	62.1	543	34.8
	Home (outside)	237	26.0	9	13.6	329	21.1
	Road/street/highway	44	4.8	1	1.5	328	21.0
	Countryside/farm/marketplace	9	1.0	0	0	12	0.8
	Other public building	157	17.2	13	19.7	222	14.2
	School/sports/play area	96	10.5	2	3.0	103	6.6
	Other/unknown	19	2.1	0	0	21	1.3
Nature of most severe injury	Concussion	134	17.0	0	0	218	16.0
	Cut/bite/open wound	200	25.3	1	2.1	286	21.0
	Fracture	195	24.7	1	2.1	262	19.2
	Sprain	93	11.8	1	2.1	128	9.4
	Bruise	152	19.2	0	0	199	14.6
	Burn	4	0.5	6	12.8	204	15.0
	Organ system	1	0.1	27	57.4	36	2.6
	Other/unknown	11	1.4	11	23.4	31	2.3
Outcome after injury	Treated and discharged home	717	79.0	52	78.8	994	65.6
	Admitted to a ward/intensive care unit/burn unit	136	15.0	10	15.2	414	27.3
	Admitted for emergency surgery	15	1.7	1	1.5	36	2.4
	Died in emergency room	2	0.2	0	0	6	0.4
	Referred to another centre	14	1.5	1	1.5	29	1.9
	Left before treatment completed	4	0.4	2	3.0	10	0.7
	Other/unknown	20	2.2	0	0	27	1.8
	Estimated long-term effect of injury	No significant disability	483	53.0	53	80.3	776
Short-term temporary disability (<6 weeks)		354	38.8	8	12.1	552	36.3
Long-term temporary disability (≥6 weeks)		70	7.7	5	7.6	163	10.7
Permanent disability		5	0.5	0	0	31	2.0

<sup>a</sup> Children aged under 12 years.

<sup>b</sup> Bangladesh, Colombia, Egypt and Pakistan.

Source: Global Childhood Unintentional Injury Surveillance pilot study.

TABLE D.1

## WHO regions and countries (in 2004)

African Region	Region of the Americas	South-East Asia Region	European Region	Eastern Mediterranean Region	Western Pacific Region
46 Member States	35 Member States	11 Member States	51 Member States	22 Member States	27 Member States
<b>Low-income and middle-income</b> Algeria Angola Benin Botswana Burkina Faso Burundi Cameroon Cape Verde Central African Republic Chad Comoros Congo Côte d'Ivoire Democratic Republic of the Congo Equatorial Guinea Eritrea Ethiopia Gabon Gambia Ghana Guinea Guinea-Bissau Kenya Lesotho Liberia Madagascar Malawi Mali Mauritania Mauritius Mozambique Namibia Niger Nigeria Rwanda Sao Tome and Principe Senegal Seychelles Sierra Leone South Africa Swaziland Togo Uganda United Republic of Tanzania Zambia Zimbabwe	<b>High-income</b> Antigua and Barbuda Bahamas Barbados Canada United States of America <b>Low-income and middle-income</b> Argentina Belize Bolivia Brazil Chile Colombia Costa Rica Cuba Dominican Republic Ecuador El Salvador Grenada Guatemala Guyana Haiti Honduras Jamaica Mexico Nicaragua Panama Paraguay Peru Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines Suriname Trinidad and Tobago Uruguay Venezuela	<b>Low-income and middle-income</b> Bangladesh Bhutan Democratic People's Republic of Korea India Indonesia Maldives Myanmar Nepal Sri Lanka Thailand Timor-Leste	<b>High-income</b> Andorra Austria Belgium Denmark Finland France Germany Greece Iceland Ireland Israel Italy Luxembourg Malta Monaco Netherlands Norway Portugal San Marino Slovenia Spain Sweden Switzerland United Kingdom <b>Low-income and middle-income</b> Albania Armenia Azerbaijan Belarus Bosnia and Herzegovina Bulgaria Croatia Czech Republic Estonia Georgia Hungary Kazakhstan Kyrgyzstan Latvia Lithuania Moldova Poland Romania Russian Federation Serbia and Montenegro Slovakia Tajikistan The former Yugoslav Republic of Macedonia Turkey Turkmenistan Ukraine Uzbekistan	<b>High-income</b> Bahrain Cyprus Kuwait Qatar United Arab Emirates <b>Low-income and middle-income</b> Afghanistan Djibouti Egypt Iraq Islamic Republic of Iran Jordan Lebanon Libyan Arab Jamahiriya Morocco Oman Pakistan Saudi Arabia Somalia Sudan Syrian Arab Republic Tunisia Yemen	<b>High-income</b> Australia Brunei Darussalam Japan New Zealand Republic of Korea Singapore <b>Low-income and middle-income</b> Cambodia China Cook Islands Federated States of Micronesia Fiji Kiribati Lao People's Democratic Republic Malaysia Marshall Islands Mongolia Nauru Niue Palau Papua New Guinea Philippines Samoa Solomon Islands Tonga Tuvalu Vanuatu Viet Nam