



## Part II

### Global Health Indicators



## Mortality and burden of disease

This section deals with indicators of life expectancy and mortality rates, which provide good summary measures of overall population health. The indicators include overall life expectancy at birth, as well as infant and under-five mortality (the probability of dying between birth and 1 and 5 years of age, respectively), and adult mortality (the probability of dying between 15 and 60 years of age). Levels and trends for child mortality (Figure 8 and Box 1) are particularly relevant in understanding public health because globally almost 20% of all deaths are of children less than 5 years old. Neonatal mortality (death during the first 28 days of life per 1000 live births) accounts for a large proportion of child deaths in many countries, especially in low-income settings.

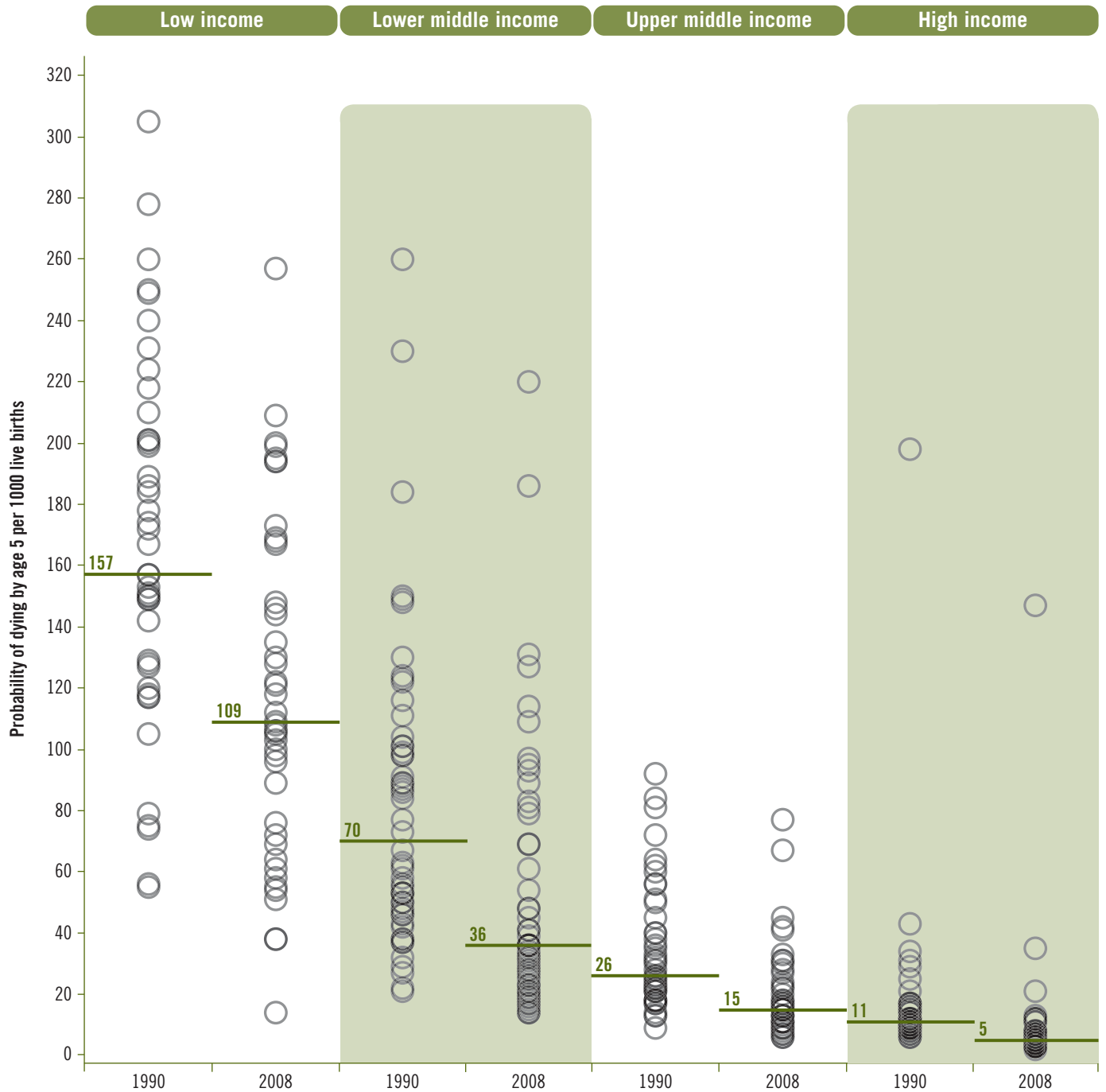
Although estimates of life expectancy reflect how many years a person might be expected to live given the current mortality rates in specific settings, they say nothing about health status during life. Mortality statistics alone are insufficient in fully describing and comparing the health status of different populations because they underestimate the burden of ill-health caused by chronic conditions and provide no information on non-fatal health outcomes. “Healthy life expectancy” (HALE) at birth, on the other hand, represents the average number of years that a person could expect to live in “good health” by taking into account years lived in less than full health due to disease and/or injury. As a result, it captures both fatal and non-fatal health outcomes and disabilities, of which the most common worldwide are hearing loss, visual impairment and mental disorders.

The estimates of mortality presented here have been derived wherever possible from death-registration data reported annually to WHO. For countries where such data are not available or are of poor quality, household surveys and censuses are used to create life tables from a model developed by WHO that generates estimates of mortality rates and life expectancy. In the case of child mortality, WHO is part of the Inter-agency Group for Child Mortality Estimation (IGME) which was established to advance the work on monitoring the progress made towards the achievement of the MDG target,<sup>18</sup> and works to harmonize the estimates used by its members. In addition, to develop its country estimates of HALE, WHO has conducted analyses of 135 causes of disability for 17 regions of the world and analysed 69 health surveys in 60 countries.

WHO makes every effort to standardize the methods used to estimate and project indicators for all Member States using comparable data. This may lead to some differences compared with the official statistics prepared by individual Member States. It is also important to stress that these estimates are subject to considerable uncertainty, especially for countries with weak statistical and health information systems where the quality of underlying empirical data is limited. Estimates of HALE are more uncertain than estimates of life expectancy, as it is particularly difficult to ensure comparable measurements of disability across countries, and to correct for limitations in the data. In recognition of this, uncertainty intervals for WHO estimates of mortality and life expectancy will be made available in the Global Health Observatory.

<sup>18</sup> MDG 4; Target 4.A: Reduce by two thirds, between 1990 and 2015, the under-five mortality rate.

Figure 8: Mortality rate in children under 5 years old by country-income group – 1990 and 2008



Note: Solid horizontal lines indicate the median.

**Box 1: Trends in child mortality**

In Figure 8, each circle represents a country (note that circles may overlap). From the data presented, three major conclusions emerge:

In general, wealthier countries have far lower levels of child mortality than poorer ones – in low-income countries, the median level of child mortality in 2008 was 109 deaths per 1000 live births, compared with 5 per 1000 in high-income countries, representing a more than 20-fold difference.

Several low-income countries have achieved comparably low levels of child mortality – with wide variation in levels of child mortality observed in most of the country-income groups. In low-income countries, child mortality in 2008 ranged from 14 to 257 per 1000 live births representing an 18-fold difference.

Child mortality rates have fallen since 1990 in all country-income groups – with the rate of decline generally faster in high-income and middle-income countries than in low-income countries. Median child mortality fell by almost 50% between 1990 and 2008 in lower middle-income countries, but by only 31% in low-income countries.

# 1. Mortality and burden of disease

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Member State	Life expectancy at birth <sup>a</sup> (years)									Healthy life expectancy (HALE) at birth <sup>b</sup> (years)			Neonatal mortality rate <sup>c</sup> (per 1000 live births)
	Male			Female			Both sexes			Male	Female	Both sexes	
	1990	2000	2008	1990	2000	2008	1990	2000	2008	2007			2008
Afghanistan	42	41	40	44	44	44	43	42	42	36	36	36	50
Albania	66	68	71	71	73	74	69	71	73	64	64	64	4
Algeria	65	67	70	68	71	72	66	69	71	62	63	62	24
Andorra	74	76	79	81	83	85	77	80	82	72	76	74	2
Angola	38	41	45	45	47	48	42	44	46	44	47	45	47
Antigua and Barbuda	69	71	73	71	74	75	70	72	74	65	66	66	8
Argentina	69	71	72	76	78	79	73	75	76	64	69	67	9
Armenia	62	67	66	70	73	73	66	70	70	59	63	61	14
Australia	74	77	79	80	82	84	77	80	82	72	75	74	3
Austria	72	75	78	79	81	83	76	78	80	70	74	72	3
Azerbaijan	59	62	66	66	67	70	63	64	68	59	60	59	19
Bahamas	67	69	72	74	75	78	71	72	75	63	68	65	6
Bahrain	73	72	74	74	74	76	74	73	75	66	66	66	6
Bangladesh	55	61	64	54	61	65	54	61	65	56	55	56	33
Barbados	70	70	71	77	77	77	74	74	74	65	69	67	7
Belarus	66	63	64	75	74	76	71	69	70	58	66	62	7
Belgium	73	75	77	79	81	82	76	78	80	70	74	72	2
Belize	71	67	69	75	74	76	73	70	72	57	63	60	8
Benin	50	54	57	51	55	58	51	55	57	50	50	50	33
Bhutan	53	58	61	56	62	65	55	60	63	54	56	55	35
Bolivia (Plurinational State of)	57	61	65	58	64	68	58	62	67	57	59	58	25
Bosnia and Herzegovina	69	71	73	75	76	78	72	74	75	65	68	67	7
Botswana	65	51	60	69	53	62	67	52	61	49	48	49	16
Brazil	63	67	70	70	74	77	67	70	73	62	66	64	11
Brunei Darussalam	71	75	75	76	79	77	73	77	76	66	67	66	3
Bulgaria	68	68	70	75	75	77	71	72	73	63	69	66	5
Burkina Faso	48	49	51	49	50	52	49	49	51	42	43	43	36
Burundi	48	45	49	51	49	51	50	47	50	42	43	43	42
Cambodia	57	55	59	60	61	64	59	58	62	51	55	53	31
Cameroon	54	52	53	55	53	53	55	52	53	45	45	45	31
Canada	74	77	79	80	82	83	77	79	81	71	75	73	4
Cape Verde	65	66	66	70	72	74	67	69	71	59	64	61	16
Central African Republic	51	49	49	51	48	48	51	49	48	43	42	42	47
Chad	48	46	46	50	48	47	49	47	46	40	40	40	44
Chile	69	73	75	76	80	82	72	77	78	67	72	70	5
China	68	70	72	69	73	76	68	71	74	65	68	66	11
Colombia	66	68	72	72	77	79	69	72	75	64	69	66	12
Comoros	56	56	58	59	61	62	57	58	60	55	58	56	42
Congo	58	53	54	61	54	55	60	54	54	48	49	48	34
Cook Islands	67	69	72	71	74	76	69	71	74	63	66	65	7
Costa Rica	74	75	76	78	79	81	76	77	78	68	71	69	7
Côte d'Ivoire	53	52	55	55	53	56	54	53	56	45	48	47	41
Croatia	69	70	72	76	78	79	72	74	76	66	70	68	3
Cuba	72	75	76	76	79	79	74	77	77	68	71	69	3
Cyprus	74	75	78	78	79	82	76	77	80	69	71	70	2
Czech Republic	68	72	74	75	79	80	71	75	77	68	72	70	2
Democratic People's Republic of Korea	65	65	65	69	69	69	67	67	67	57	61	59	29
Democratic Republic of the Congo	47	44	47	50	49	50	49	47	48	44	46	45	56
Denmark	72	75	77	78	79	81	75	77	79	70	73	72	3
Djibouti	56	57	57	60	61	61	58	59	59	47	50	48	36

MDG 4 Infant mortality rate <sup>a</sup> (probability of dying by age 1 per 1000 live births)									MDG 4 Under-five mortality rate <sup>a</sup> (probability of dying by age 5 per 1000 live births)									Adult mortality rate <sup>a</sup> (probability of dying between 15 and 60 years per 1000 population)											
Male			Female			Both sexes			Male			Female			Both sexes			Male			Female			Both sexes					
1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008
175	172	172	160	158	158	168	165	165	262	258	258	258	256	256	260	257	257	485	526	543	384	389	398	439	465	479			
39	22	13	36	19	12	37	21	13	48	26	15	44	22	13	46	24	14	158	157	141	104	103	91	133	130	116			
57	44	39	48	38	33	52	41	36	69	52	45	58	43	37	64	48	41	198	175	144	165	131	119	181	153	132			
8	4	3	6	4	3	7	4	3	9	5	4	8	4	3	9	5	4	143	125	99	60	50	44	102	88	72			
161	148	136	147	134	124	154	141	130	276	253	234	243	224	206	260	238	220	579	531	460	386	385	383	489	460	421			
27	21	14	22	12	8	25	17	11	32	23	16	26	15	9	29	19	12	192	203	192	137	160	160	164	181	176			
27	19	14	21	15	11	24	17	13	31	22	17	25	18	14	28	20	15	198	176	160	102	92	86	150	135	123			
51	34	22	45	30	19	48	32	21	63	40	26	49	31	20	56	36	23	279	210	240	135	96	101	207	149	165			
9	6	5	7	5	4	8	5	4	10	7	6	8	6	5	9	6	5	124	97	81	66	55	46	96	77	63			
9	5	4	7	4	3	8	5	4	10	6	5	9	5	4	10	6	4	153	126	99	74	63	50	114	95	75			
87	64	36	68	50	28	78	58	32	109	77	41	85	60	31	98	69	36	285	259	228	165	157	138	225	208	182			
19	14	9	14	12	9	17	13	9	28	22	13	21	18	13	25	20	13	262	245	206	147	145	127	205	195	166			
13	11	9	14	10	10	14	10	10	16	14	12	17	11	12	16	13	12	105	115	116	107	89	82	106	105	103			
110	71	45	97	63	40	103	67	43	153	93	56	146	89	53	149	91	54	305	251	247	333	258	230	319	254	238			
18	13	9	12	13	12	15	13	10	20	14	9	15	15	13	17	14	11	188	187	168	109	106	108	146	146	138			
24	18	13	17	13	10	20	15	11	27	20	14	20	15	11	24	17	13	282	354	330	107	125	111	194	242	221			
9	5	4	7	4	3	8	5	4	11	7	5	8	5	4	10	6	5	139	130	110	75	68	61	107	100	86			
38	27	18	32	19	15	35	23	17	46	30	21	39	24	18	43	27	19	161	251	223	101	152	129	132	203	178			
117	94	81	104	84	72	111	89	76	189	148	124	180	141	118	184	144	121	377	337	312	340	324	291	355	329	301			
99	73	58	84	62	49	91	68	54	158	113	87	137	98	75	148	106	81	337	284	256	302	234	197	321	261	229			
93	70	48	83	63	43	88	67	46	124	87	55	120	84	53	122	86	54	296	259	230	271	212	163	283	235	196			
23	16	15	19	12	10	21	14	13	26	20	17	21	14	12	23	17	15	181	170	147	86	85	68	134	127	107			
39	56	26	38	54	26	39	55	26	52	84	32	48	78	30	50	81	31	234	576	419	158	528	394	194	550	404			
51	31	20	40	25	16	46	28	18	62	37	24	50	31	19	56	34	22	272	239	210	150	126	106	212	183	158			
11	6	5	8	6	6	9	6	5	12	8	6	11	8	7	11	8	7	151	113	106	112	85	80	133	101	94			
16	15	10	12	12	8	14	14	9	20	18	11	15	15	10	18	16	11	216	222	214	97	97	91	158	160	153			
114	106	95	106	98	89	110	102	92	203	189	170	200	186	167	201	187	169	418	430	388	362	382	361	387	403	372			
125	118	112	102	96	92	113	107	102	203	190	179	176	165	155	189	178	168	409	542	425	351	456	401	377	496	411			
94	88	76	76	71	62	85	80	69	126	115	97	107	97	82	117	106	89	306	382	294	248	255	216	272	315	253			
99	99	89	84	84	75	92	91	82	155	154	137	142	140	125	149	147	131	334	400	405	309	381	403	321	390	403			
8	6	6	6	5	5	7	5	5	9	7	7	7	5	6	8	6	6	132	100	87	71	61	53	102	81	70			
59	40	29	39	26	19	49	33	24	74	48	34	52	34	24	63	41	29	253	284	274	144	163	115	189	213	185			
120	123	118	112	115	111	116	119	115	177	180	173	178	181	174	178	181	173	364	434	448	345	441	467	353	437	457			
127	130	132	112	114	116	120	122	124	206	210	214	197	201	204	201	205	209	401	448	465	351	392	429	375	420	446			
20	10	8	16	9	7	18	9	7	24	12	10	19	10	8	22	11	9	196	137	116	98	69	60	147	103	88			
31	25	15	43	35	21	37	30	18	39	31	18	52	41	24	46	36	21	193	160	140	148	106	84	172	135	113			
32	25	19	22	17	13	28	21	16	41	30	23	29	22	16	35	26	20	254	228	162	140	97	75	197	163	118			
99	90	83	80	73	67	90	81	75	138	123	114	117	104	96	128	114	105	313	319	286	265	247	231	289	284	258			
69	76	82	64	71	77	67	74	80	108	121	132	99	111	121	104	116	127	296	439	389	246	416	374	271	426	381			
12	17	16	20	12	11	16	15	14	15	19	18	21	14	13	18	17	15	252	178	133	154	116	89	206	148	112			
21	13	10	17	10	9	19	12	10	25	15	12	20	12	10	22	13	11	129	124	124	86	75	68	108	100	97			
115	106	89	93	85	72	104	96	81	157	144	119	143	131	109	150	138	114	340	406	367	312	388	354	329	399	361			
12	7	6	9	6	3	10	7	4	14	8	7	10	7	4	12	8	5	223	187	163	89	74	65	158	132	115			
13	8	5	9	5	5	11	6	5	15	10	7	11	7	6	13	8	6	155	140	122	111	90	81	133	115	102			
12	5	4	10	5	3	11	5	4	13	7	4	11	6	4	12	6	4	110	107	84	61	56	39	86	82	61			
13	5	3	9	4	2	11	4	3	14	6	4	11	5	3	12	5	4	230	172	143	95	76	65	163	124	105			
43	43	43	41	41	41	42	42	42	57	57	57	53	53	53	55	55	55	227	227	229	161	161	161	193	194	196			
133	133	133	119	119	119	126	126	126	210	210	210	187	187	187	199	199	199	419	503	443	351	383	373	384	444	407			
9	6	4	6	4	3	7	5	4	10	6	5	8	5	4	9	6	4	152	122	112	99	77	67	126	100	90			
108	95	86	82	72	66	95	84	76	137	119	106	108	94	83	123	106	95	311	316	335	250	250	283	280	283	309			

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Member State	Life expectancy at birth <sup>a</sup> (years)									Healthy life expectancy (HALE) at birth <sup>b</sup> (years)			Neonatal mortality rate <sup>c</sup> (per 1000 live births)
	Male			Female			Both sexes			Male	Female	Both sexes	
	1990	2000	2008	1990	2000	2008	1990	2000	2008	2007			2008
Dominica	71	72	72	75	76	77	73	74	74	65	67	66	8
Dominican Republic	68	72	71	70	74	74	69	73	73	62	64	63	19
Ecuador	64	67	70	69	73	76	67	70	73	63	66	64	11
Egypt	61	66	68	64	69	71	62	67	69	59	62	60	13
El Salvador	59	67	68	70	74	76	64	70	72	58	63	61	8
Equatorial Guinea	48	51	53	50	52	54	49	51	53	45	46	46	40
Eritrea	28	58	63	51	63	67	36	61	65	54	56	55	17
Estonia	65	65	69	75	76	79	70	71	74	61	71	66	3
Ethiopia	46	51	57	50	54	60	48	53	58	49	51	50	39
Fiji	63	65	67	69	71	73	66	68	70	60	64	62	8
Finland	71	74	76	79	81	83	75	78	80	70	75	72	2
France	73	75	78	81	83	85	77	79	81	71	76	73	2
Gabon	59	58	58	64	63	62	62	60	60	50	53	52	28
Gambia	53	55	58	55	58	61	54	57	59	50	53	51	34
Georgia	65	68	67	72	74	76	69	71	72	62	67	64	20
Germany	72	75	77	78	81	83	75	78	80	71	75	73	3
Ghana	57	57	60	60	60	64	58	58	62	49	50	50	30
Greece	75	76	78	79	81	83	77	78	80	71	74	72	2
Grenada	64	66	67	66	69	70	65	67	69	61	62	61	13
Guatemala	61	64	65	65	70	72	63	67	69	58	62	60	11
Guinea	44	48	53	48	52	55	46	50	54	46	48	47	43
Guinea-Bissau	42	44	47	48	50	51	45	47	49	40	43	42	45
Guyana	56	59	62	66	70	68	61	64	65	52	55	53	23
Haiti	53	56	60	55	60	64	54	58	62	53	55	54	25
Honduras	65	64	67	69	71	73	67	67	70	61	64	62	15
Hungary	65	68	70	74	76	78	69	72	74	62	69	66	4
Iceland	75	78	80	81	82	83	78	80	82	73	75	74	1
India	57	60	63	58	62	66	58	61	64	56	57	56	37
Indonesia	60	64	66	62	66	69	61	65	67	60	61	60	19
Iran (Islamic Republic of)	60	65	70	66	70	75	63	67	72	60	62	61	19
Iraq	64	64	59	69	69	69	66	67	63	50	58	54	25
Ireland	72	74	78	78	79	82	75	76	80	71	74	73	3
Israel	75	77	79	78	81	83	77	79	81	72	74	73	2
Italy	74	76	79	80	82	84	77	79	82	73	76	74	2
Jamaica	72	71	69	74	74	74	73	72	72	62	66	64	9
Japan	76	78	79	82	85	86	79	81	83	73	78	76	1
Jordan	66	69	70	70	73	74	68	71	72	62	64	63	13
Kazakhstan	61	58	59	70	68	70	65	63	64	53	60	56	17
Kenya	58	50	53	62	53	55	60	51	54	47	48	48	33
Kiribati	62	64	65	64	68	70	63	66	67	56	60	58	17
Kuwait	72	75	78	75	76	79	73	76	78	69	69	69	6
Kyrgyzstan	61	62	62	68	69	69	65	65	66	55	59	57	18
Lao People's Democratic Republic	51	58	61	53	60	63	52	59	62	53	54	54	20
Latvia	64	65	66	75	76	77	70	71	71	59	68	64	5
Lebanon	63	68	70	69	73	74	66	70	72	60	64	62	8
Lesotho	59	46	44	62	54	49	61	50	47	38	41	40	37
Liberia	29	49	53	46	52	55	36	50	54	47	49	48	44
Libyan Arab Jamahiriya	67	69	71	71	74	76	69	71	73	63	66	64	9
Lithuania	66	67	66	76	77	78	71	72	72	58	68	63	3
Luxembourg	72	75	77	79	81	83	75	78	80	71	75	73	1



MDG 4 Infant mortality rate <sup>a</sup> (probability of dying by age 1 per 1000 live births)									MDG 4 Under-five mortality rate <sup>a</sup> (probability of dying by age 5 per 1000 live births)									Adult mortality rate <sup>a</sup> (probability of dying between 15 and 60 years per 1000 population)											
Male			Female			Both sexes			Male			Female			Both sexes			Male			Female			Both sexes					
1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008
18	16	10	12	13	8	15	15	9	21	18	11	14	15	9	18	17	10	194	189	209	145	116	119	169	152	164			
51	34	29	45	30	25	48	32	27	67	42	35	57	36	30	62	39	33	180	164	188	153	124	127	167	144	158			
47	32	24	35	24	18	41	28	21	58	37	27	48	31	23	53	34	25	254	228	207	173	141	121	214	185	165			
70	40	21	60	35	18	66	38	20	94	49	24	85	44	22	89	47	23	238	220	222	182	158	151	210	190	187			
52	30	17	44	25	14	48	28	16	68	37	20	56	30	16	62	33	18	373	277	301	164	136	136	270	203	214			
128	108	95	111	95	84	120	102	90	205	174	152	190	162	143	198	168	147	403	392	366	349	375	356	375	383	361			
103	65	46	81	51	36	92	58	41	162	96	63	137	81	53	150	89	58	920	321	266	430	229	197	774	272	228			
14	10	6	10	7	4	12	9	5	18	13	7	14	9	5	16	11	6	301	318	249	107	120	84	204	218	165			
140	103	78	108	79	60	124	91	69	225	159	117	193	137	100	210	148	109	430	406	329	348	352	286	389	379	307			
21	18	17	17	14	14	19	16	16	25	19	20	19	17	15	22	18	18	326	292	249	213	183	156	272	240	204			
6	4	3	6	3	2	6	4	3	7	5	4	7	4	3	7	4	3	183	143	129	70	63	57	128	104	94			
8	5	4	6	4	3	7	4	3	10	6	5	8	5	3	9	5	4	162	138	119	67	61	55	115	100	87			
80	76	68	53	51	45	67	64	57	103	98	86	80	76	67	92	87	77	276	334	353	204	248	301	240	292	327			
111	100	85	96	87	74	104	93	80	163	140	113	142	122	98	153	131	106	343	320	300	311	279	253	327	299	276			
44	33	29	37	28	24	41	31	26	51	38	32	42	31	27	47	35	30	242	195	232	110	79	85	175	135	157			
8	5	4	6	4	3	7	4	4	10	6	5	8	5	4	9	5	4	157	124	101	77	63	54	118	94	78			
79	74	54	71	67	48	75	71	51	125	117	81	111	104	71	118	111	76	297	322	298	255	268	247	276	295	273			
10	7	3	9	5	2	9	6	3	11	8	4	10	6	3	11	7	3	117	116	105	56	48	44	86	82	75			
27	21	16	39	14	10	33	18	13	37	24	18	44	16	12	40	20	15	285	266	245	237	227	209	260	246	228			
59	39	29	56	37	28	58	38	29	76	47	34	78	48	35	77	47	34	286	292	302	198	178	159	243	234	228			
152	124	100	121	98	80	137	111	90	246	198	156	214	172	135	231	185	146	461	418	352	359	350	320	410	384	336			
157	142	129	127	115	104	142	129	117	264	240	215	215	196	175	240	218	195	489	460	436	358	358	370	426	410	403			
82	68	59	46	38	33	64	54	46	115	94	80	59	48	41	87	72	61	385	357	291	223	210	226	304	281	261			
112	84	58	96	72	50	105	78	54	157	113	75	145	105	69	151	109	72	337	351	306	315	272	229	326	311	267			
47	36	28	39	30	23	43	33	26	58	42	32	52	38	29	55	40	31	229	273	227	159	151	129	195	214	179			
17	10	6	13	9	5	15	9	6	19	12	7	15	10	6	17	11	7	304	271	233	133	114	101	219	193	167			
6	3	2	5	2	1	5	3	2	7	4	3	6	3	3	6	3	3	112	92	66	69	57	46	91	75	56			
82	67	52	84	69	53	83	68	52	109	88	65	124	100	73	116	94	69	302	289	250	243	220	173	274	256	213			
62	43	34	51	35	28	56	40	31	93	61	44	77	51	37	86	56	41	286	248	226	266	217	185	275	232	206			
62	43	31	47	33	23	55	38	27	82	54	37	63	41	28	73	48	32	291	238	152	208	148	95	252	194	124			
45	41	38	39	35	33	42	38	36	58	52	49	48	43	42	53	48	45	254	244	377	171	169	179	212	207	285			
9	7	5	8	5	4	8	6	4	11	8	5	9	6	4	10	7	5	133	120	90	81	70	56	108	96	73			
11	6	4	9	5	3	10	6	4	13	8	5	11	6	4	12	7	5	107	103	87	71	55	46	89	79	66			
9	5	4	7	4	3	8	5	3	10	6	4	8	5	4	9	5	4	129	101	80	60	51	42	95	76	61			
30	29	28	25	25	24	28	27	26	35	34	32	32	30	29	33	32	31	136	182	220	118	132	130	127	157	175			
5	4	3	4	3	2	5	3	3	7	5	4	6	4	3	6	5	3	109	98	87	53	48	43	81	73	65			
31	23	17	31	23	17	31	23	17	37	27	19	38	28	20	38	27	20	241	195	179	166	123	116	205	161	149			
58	43	30	44	33	23	51	38	27	69	51	35	51	38	26	60	44	30	318	422	432	150	194	186	235	308	310			
75	90	89	60	72	71	68	81	81	113	138	138	96	117	117	105	128	128	302	488	382	231	439	364	267	463	371			
68	52	41	62	45	35	65	49	38	93	64	49	84	62	47	89	63	48	246	284	321	226	191	175	237	240	251			
13	10	10	12	7	9	13	9	9	16	13	11	14	10	10	15	11	11	116	86	68	86	62	51	105	78	61			
68	48	36	57	40	30	63	44	33	80	55	41	69	47	35	75	51	38	290	326	343	156	170	184	224	250	264			
122	71	53	94	55	41	108	64	48	166	91	65	148	81	58	157	86	61	386	345	317	354	312	288	369	328	302			
16	12	7	11	9	8	14	11	8	20	15	9	15	11	9	17	13	9	311	320	311	118	117	115	215	218	213			
36	22	13	30	19	11	33	21	12	45	27	15	35	21	12	40	24	13	291	208	191	193	142	131	241	174	160			
85	88	67	75	77	59	80	83	63	108	116	84	95	102	74	101	109	79	279	627	758	228	437	633	251	521	685			
154	125	106	138	112	95	146	118	100	230	183	152	207	164	137	218	174	144	861	422	353	445	359	328	717	390	340			
33	22	15	33	22	15	33	22	15	38	24	17	38	24	17	38	24	17	209	189	170	136	112	97	178	156	138			
11	8	5	10	9	5	10	8	5	15	11	7	12	11	6	13	11	7	287	293	314	107	103	114	196	197	215			
9	4	2	7	4	2	8	4	2	11	6	3	8	5	3	10	5	3	160	121	101	79	67	56	121	95	79			

# 1. Mortality and burden of disease

02+2>六九零  
31:4CL-3  
18:50+5/5  
18:50+5/5  
18:50+5/5

Member State	Life expectancy at birth <sup>a</sup> (years)									Healthy life expectancy (HALE) at birth <sup>b</sup> (years)			Neonatal mortality rate <sup>c</sup> (per 1000 live births)
	Male			Female			Both sexes			Male	Female	Both sexes	
	1990	2000	2008	1990	2000	2008	1990	2000	2008	2007			
Madagascar	52	56	58	53	58	61	52	57	60	51	53	52	35
Malawi	45	46	52	48	48	54	47	47	53	43	44	44	29
Malaysia	68	69	71	73	74	76	71	72	73	62	66	64	3
Maldives	58	67	73	55	67	75	57	67	74	64	64	64	16
Mali	43	46	48	46	48	50	44	47	49	41	43	42	52
Malta	74	76	78	78	80	82	76	78	80	71	74	72	2
Marshall Islands	59	58	58	65	60	60	62	59	59	52	53	52	15
Mauritania	56	57	56	58	59	59	57	58	58	49	52	51	45
Mauritius	66	68	69	73	75	77	69	71	73	61	65	63	9
Mexico	68	72	73	74	77	78	71	74	76	65	69	67	7
Micronesia (Federated States of)	64	66	68	67	68	70	66	67	69	61	62	62	15
Monaco	74	76	78	81	84	85	77	80	82	71	76	73	2
Mongolia	59	60	64	66	70	73	63	65	68	55	62	58	14
Montenegro	73	72	72	79	77	76	76	74	74	65	66	65	5
Morocco	63	67	70	68	72	75	65	70	72	61	63	62	23
Mozambique	39	48	51	45	49	51	42	48	51	42	42	42	43
Myanmar	56	56	53	60	62	56	58	59	54	48	52	50	48
Namibia	62	57	61	67	63	66	65	60	63	52	53	52	18
Nauru	57	56	57	63	62	63	60	59	60	53	57	55	33
Nepal	54	59	63	54	60	64	54	60	63	55	55	55	31
Netherlands	74	76	78	80	81	82	77	78	80	72	74	73	3
New Zealand	72	76	78	78	81	83	75	79	81	72	74	73	4
Nicaragua	63	70	71	73	76	77	68	73	74	63	66	64	13
Niger	37	45	51	41	47	53	39	46	52	44	45	44	34
Nigeria	45	47	49	47	48	49	46	47	49	42	42	42	49
Niue	67	66	64	74	77	79	70	71	71	56	68	62	30
Norway	73	76	78	80	81	83	77	79	81	72	74	73	2
Oman	68	71	72	73	76	77	70	73	74	64	67	65	7
Pakistan	58	61	63	59	62	64	58	61	63	56	55	55	53
Palau	64	67	68	75	74	77	69	70	72	62	67	64	7
Panama	72	73	74	75	78	79	73	76	76	65	68	67	10
Papua New Guinea	57	60	61	61	63	64	59	61	62	55	57	56	26
Paraguay	71	71	71	76	76	77	73	74	74	63	66	64	15
Peru	67	70	74	71	74	77	69	72	76	66	67	67	13
Philippines	62	66	67	68	73	74	65	70	70	59	64	62	15
Poland	67	70	71	75	78	80	71	74	76	64	70	67	4
Portugal	71	73	76	77	80	83	74	77	79	69	73	71	2
Qatar	75	76	76	75	76	76	75	76	76	68	66	67	4
Republic of Korea	68	72	76	76	80	83	72	76	80	68	74	71	2
Republic of Moldova	64	64	65	71	71	73	68	68	69	58	63	61	8
Romania	67	68	70	73	75	77	70	71	73	63	68	65	6
Russian Federation	64	59	62	74	72	74	69	65	68	55	65	60	6
Rwanda	48	43	56	52	47	59	50	45	58	43	44	43	35
Saint Kitts and Nevis	65	69	70	71	73	76	68	71	73	62	67	64	11
Saint Lucia	69	71	71	74	77	78	71	74	75	64	69	66	12
Saint Vincent and the Grenadines	68	67	66	74	73	76	71	70	71	60	66	63	10
Samoa	62	65	66	64	70	70	63	67	68	60	63	61	11
San Marino	76	78	81	82	84	84	79	81	83	74	76	75	0
Sao Tome and Principe	59	60	60	62	62	62	61	61	61	52	54	53	32
Saudi Arabia	66	69	69	71	75	75	68	71	72	61	64	62	12

MDG 4 Infant mortality rate <sup>a</sup> (probability of dying by age 1 per 1000 live births)									MDG 4 Under-five mortality rate <sup>a</sup> (probability of dying by age 5 per 1000 live births)									Adult mortality rate <sup>a</sup> (probability of dying between 15 and 60 years per 1000 population)											
Male			Female			Both sexes			Male			Female			Both sexes			Male			Female			Both sexes					
1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008
110	89	74	93	76	62	101	83	68	174	138	111	159	126	101	167	132	106	357	313	286	329	281	240	343	297	263			
139	105	68	126	95	61	133	100	65	236	170	105	212	153	94	224	162	100	445	542	498	357	492	468	400	517	481			
17	10	7	14	8	5	16	9	6	19	11	7	16	9	6	18	10	6	209	198	177	128	112	97	170	157	139			
82	44	27	77	42	21	79	43	24	113	57	30	110	53	25	111	55	28	281	182	100	346	161	72	312	172	86			
147	127	109	130	112	96	139	120	102	258	225	200	241	210	187	250	217	194	480	438	412	374	369	365	427	401	386			
12	7	7	8	5	7	10	6	7	13	8	7	9	6	7	11	7	7	107	90	77	62	54	44	84	72	61			
40	33	30	38	31	29	39	32	30	49	39	36	48	38	35	48	39	36	385	436	427	329	368	384	359	403	405			
86	82	80	75	71	69	81	77	75	136	128	124	122	115	111	129	122	118	310	304	318	274	263	262	290	282	290			
23	20	17	18	12	11	21	16	14	27	22	19	20	14	13	23	18	16	263	222	214	121	121	104	193	172	160			
40	24	17	32	20	14	36	22	15	49	29	19	41	23	16	45	26	17	215	172	154	120	99	89	168	136	121			
45	38	32	45	37	32	45	38	32	58	47	39	57	46	39	58	47	39	230	219	187	195	183	156	213	201	172			
8	5	4	6	4	3	7	5	3	9	6	5	7	5	4	8	5	4	155	136	118	67	61	53	112	99	86			
84	58	40	58	40	27	71	49	33	114	73	47	82	53	34	98	63	41	264	309	291	194	189	145	229	250	219			
12	14	8	12	11	8	12	13	8	14	15	10	14	12	8	14	14	9	164	179	173	73	98	90	118	140	131			
79	53	37	57	39	27	68	46	32	97	60	40	79	49	33	88	54	36	195	164	147	133	106	88	164	135	118			
171	128	93	161	120	88	166	124	90	252	185	131	246	180	128	249	183	130	575	457	485	389	415	458	480	435	470			
96	86	85	74	67	66	85	77	76	133	119	133	106	95	111	120	107	122	310	333	368	247	238	304	278	286	336			
57	60	37	40	42	26	49	51	31	83	89	48	60	65	35	72	77	42	255	383	356	174	286	290	213	332	320			
7	38	34	9	44	39	8	41	36	8	48	43	9	54	47	9	51	45	567	463	448	399	313	303	495	395	381			
98	63	41	99	63	41	99	63	41	144	86	52	140	84	51	142	85	51	352	306	281	350	296	273	351	301	277			
8	6	4	6	5	4	7	5	4	10	7	5	8	6	4	9	6	5	116	100	78	67	67	57	92	84	68			
10	7	5	7	6	4	9	6	5	13	9	7	9	7	5	11	8	6	143	105	88	93	67	57	118	86	72			
58	39	26	44	29	20	51	34	23	74	46	30	61	38	24	67	42	27	272	191	209	136	121	123	206	156	165			
148	110	81	140	104	76	144	107	79	310	230	169	300	223	164	305	227	167	572	443	374	413	365	340	497	408	359			
128	114	102	112	100	89	120	107	96	235	212	190	225	202	182	230	207	186	445	444	424	366	394	399	405	419	411			
8	18	36	55	17	6	31	17	22	8	23	46	55	21	7	31	22	28	209	261	255	75	90	89	147	182	178			
8	4	3	6	3	2	7	4	3	10	5	4	7	4	3	9	5	3	128	107	81	65	61	53	97	85	67			
24	14	11	22	13	10	23	13	10	32	17	12	30	16	11	31	17	12	203	171	155	122	96	84	169	143	129			
105	89	75	96	81	69	101	85	72	130	108	89	130	108	89	130	108	89	265	230	216	235	205	190	251	218	204			
22	18	15	14	9	11	18	14	13	25	19	18	17	13	11	21	16	15	289	253	232	112	140	112	210	199	175			
26	23	22	23	20	17	24	21	19	33	27	26	28	25	20	30	26	23	146	139	140	101	85	83	124	112	112			
69	61	56	64	53	49	67	57	53	95	81	73	88	72	65	91	77	69	347	310	292	278	252	235	317	283	264			
39	32	27	29	24	21	34	28	24	47	38	32	37	30	25	42	34	28	138	158	170	99	103	105	119	132	139			
71	40	24	56	32	19	64	36	22	90	46	27	72	37	21	81	41	24	165	161	118	123	119	95	144	140	106			
49	32	30	35	24	22	42	28	26	71	42	38	50	30	27	61	36	32	281	241	227	167	129	117	226	187	174			
17	9	6	14	7	5	16	8	6	20	10	8	16	8	6	18	9	7	263	216	205	102	86	77	184	152	142			
13	7	3	10	5	3	11	6	3	16	9	4	12	7	3	14	8	4	176	155	128	80	66	52	127	111	90			
20	13	7	15	12	6	18	13	7	24	15	9	19	14	8	21	15	8	94	80	77	82	77	53	90	78	72			
8	6	5	8	6	4	8	6	5	9	7	5	8	6	5	9	6	5	236	163	108	102	62	43	171	113	76			
37	25	18	24	16	12	30	21	15	45	30	21	28	19	13	37	24	17	285	310	312	155	155	141	218	232	227			
26	21	13	21	17	10	23	19	11	34	24	15	27	20	11	31	22	13	239	237	220	114	106	90	177	173	156			
19	18	10	14	13	8	17	16	9	24	22	12	18	17	10	21	20	11	318	445	396	117	161	147	218	309	273			
114	121	77	98	104	66	106	112	72	188	202	122	159	170	103	174	186	112	441	585	330	381	516	281	408	547	303			
28	15	16	16	22	11	22	18	14	32	16	17	20	26	14	26	21	15	272	214	180	193	134	95	233	174	138			
20	15	13	14	13	13	17	14	13	25	17	15	18	15	15	21	16	15	204	205	193	147	117	94	175	161	144			
21	21	15	19	17	8	20	19	12	26	26	17	24	20	9	25	23	13	217	259	305	140	165	169	179	214	242			
42	43	35	38	10	8	40	28	22	51	47	37	49	18	14	50	34	26	295	235	235	268	203	203	282	220	220			
12	6	2	16	4	1	14	5	1	12	6	3	18	4	1	15	5	2	80	74	59	40	39	48	60	57	53			
69	68	67	61	60	60	65	64	64	104	102	101	97	95	94	101	99	97	275	272	271	232	229	227	253	249	247			
37	21	19	33	19	18	35	20	18	47	25	23	39	21	19	43	23	21	217	191	186	139	106	103	187	156	154			

# 1. Mortality and burden of disease

62+2>六九零  
31:4CL-3  
18:50+45  
Y2M,Y014  
1-1

Member State	Life expectancy at birth <sup>a</sup> (years)									Healthy life expectancy (HALE) at birth <sup>b</sup> (years)			Neonatal mortality rate <sup>c</sup> (per 1000 live births)
	Male			Female			Both sexes			Male	Female	Both sexes	
	1990	2000	2008	1990	2000	2008	1990	2000	2008	2007			2008
Senegal	54	55	58	55	58	61	54	57	59	50	52	51	34
Serbia	69	69	71	75	74	76	72	72	74	64	66	65	5
Seychelles	64	67	68	76	76	76	69	72	72	60	65	63	7
Sierra Leone	38	37	48	44	45	50	41	41	49	34	37	35	45
Singapore	73	76	79	77	81	83	75	78	81	71	75	73	1
Slovakia	67	69	71	76	77	79	71	73	75	64	70	67	3
Slovenia	70	72	75	78	80	82	74	76	79	69	74	71	2
Solomon Islands	66	67	68	69	71	71	68	69	70	59	60	59	14
Somalia	44	47	47	49	49	49	46	48	48	44	46	45	61
South Africa	59	55	52	68	61	55	63	58	53	47	48	48	20
Spain	73	76	78	80	83	84	77	79	81	71	76	74	2
Sri Lanka	61	62	63	71	73	76	66	67	69	61	65	63	9
Sudan	58	57	57	57	57	58	57	57	57	50	50	50	41
Suriname	64	66	68	69	72	75	66	69	71	58	64	61	12
Swaziland	61	51	48	64	54	48	63	53	48	42	42	42	18
Sweden	75	77	79	80	82	83	78	80	81	72	75	74	2
Switzerland	74	77	80	81	83	84	77	80	82	73	76	75	3
Syrian Arab Republic	65	69	70	70	74	75	67	71	72	62	65	63	8
Tajikistan	60	62	66	65	65	69	63	64	67	58	57	57	22
Thailand	65	63	66	71	72	74	68	68	70	59	65	62	10
The former Yugoslav Republic of Macedonia	70	69	72	74	75	76	72	72	74	65	66	66	7
Timor-Leste	48	55	59	53	60	64	50	57	62	52	55	53	43
Togo	52	54	56	57	59	61	55	56	59	49	52	51	33
Tonga	64	67	71	73	71	70	68	69	71	64	62	63	9
Trinidad and Tobago	66	65	66	71	73	73	69	69	70	59	64	62	24
Tunisia	69	71	73	72	75	77	70	73	75	65	67	66	12
Turkey	62	67	72	67	73	77	65	70	74	64	67	66	14
Turkmenistan	58	59	60	65	65	67	62	62	63	53	57	55	21
Tuvalu	61	63	64	63	63	63	62	63	64	58	58	58	14
Uganda	45	44	51	49	46	53	47	45	52	41	44	42	31
Ukraine	65	62	62	75	73	74	70	68	68	55	64	60	8
United Arab Emirates	72	75	77	75	78	80	73	76	78	68	68	68	5
United Kingdom	73	75	78	78	80	82	76	78	80	71	73	72	3
United Republic of Tanzania	51	49	52	52	49	53	52	49	53	45	45	45	33
United States of America	72	74	76	79	80	81	75	77	78	68	72	70	4
Uruguay	69	71	72	76	79	79	72	75	75	64	70	67	8
Uzbekistan	63	63	66	69	68	71	66	66	68	58	60	59	20
Vanuatu	65	67	68	67	70	70	66	68	69	61	62	61	13
Venezuela (Bolivarian Republic of)	70	71	71	74	77	78	72	74	75	64	68	66	10
Viet Nam	64	68	70	68	72	75	66	70	73	62	66	64	9
Yemen	56	60	63	58	62	66	57	61	64	53	55	54	32
Zambia	50	42	47	54	45	49	52	43	48	39	40	40	36
Zimbabwe	58	42	42	65	45	42	61	44	42	40	38	39	28

MDG 4 Infant mortality rate <sup>a</sup> (probability of dying by age 1 per 1000 live births)									MDG 4 Under-five mortality rate <sup>a</sup> (probability of dying by age 5 per 1000 live births)									Adult mortality rate <sup>a</sup> (probability of dying between 15 and 60 years per 1000 population)											
Male			Female			Both sexes			Male			Female			Both sexes			Male			Female			Both sexes					
1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008
80	73	63	64	58	50	72	66	57	158	139	114	140	123	102	149	131	108	337	322	293	307	281	247	323	302	269			
24	13	7	22	9	6	23	11	7	28	15	8	25	11	7	26	13	8	184	209	183	94	106	91	139	158	138			
19	10	10	11	13	9	15	12	10	21	13	12	12	14	11	17	14	11	317	248	232	127	99	109	225	175	172			
178	165	135	148	137	112	163	151	123	296	268	206	260	236	181	278	252	194	545	637	422	385	406	368	469	530	393			
8	3	3	7	2	2	7	3	2	10	4	3	8	4	2	9	4	3	152	97	82	93	56	47	123	77	64			
14	10	7	10	7	5	12	8	6	16	12	8	12	8	6	14	10	7	269	215	195	103	79	73	187	147	135			
10	6	3	7	4	2	8	5	2	12	6	4	8	5	2	10	6	3	207	167	132	81	72	55	144	121	95			
32	31	30	31	30	29	31	30	30	37	36	35	39	38	37	38	37	36	225	205	182	174	151	136	201	179	160			
121	121	121	117	117	117	119	119	119	197	197	197	203	203	203	200	200	200	524	443	459	369	359	373	450	401	416			
49	59	54	38	45	42	44	52	48	63	83	76	48	62	58	56	73	67	346	452	563	191	330	479	271	392	520			
8	5	4	7	4	3	7	4	4	10	6	5	8	5	4	9	6	4	146	122	102	60	49	43	103	86	72			
26	20	15	20	15	12	23	17	13	33	24	19	24	18	15	29	21	17	361	341	315	156	131	93	265	242	209			
75	70	67	81	76	72	78	73	70	116	108	103	131	122	115	124	115	109	288	336	335	288	302	304	288	319	319			
48	37	28	39	29	21	44	33	25	54	41	31	48	35	24	51	38	27	265	241	218	175	165	128	221	204	174			
65	87	62	59	79	56	62	83	59	86	127	86	81	120	81	84	124	83	257	485	631	205	408	616	230	444	620			
7	4	2	5	3	2	6	3	2	8	5	3	6	3	3	7	4	3	114	87	76	66	56	48	90	72	62			
7	5	4	6	4	4	7	5	4	9	6	5	8	5	4	9	6	5	126	99	76	62	54	44	95	77	60			
36	23	17	24	15	11	30	19	14	44	27	20	29	17	13	37	22	16	248	194	179	187	130	120	218	162	150			
106	87	63	76	63	45	91	75	54	136	109	74	97	78	53	117	94	64	217	218	185	180	179	162	198	199	173			
30	19	14	22	15	11	26	17	13	36	22	16	27	18	12	32	20	14	259	328	276	147	163	140	204	248	209			
33	18	12	30	16	9	32	17	10	37	20	13	35	18	10	36	19	11	153	195	151	87	90	80	120	144	116			
155	112	84	120	87	65	138	100	75	208	146	105	158	111	80	184	129	93	403	322	275	329	256	204	368	289	240			
103	88	74	75	64	54	89	76	64	171	138	111	129	105	84	150	122	98	353	367	351	287	304	296	320	335	323			
23	19	18	16	16	16	19	18	17	24	22	20	20	19	18	22	20	19	313	219	143	128	187	228	222	202	188			
33	34	33	27	26	29	30	30	31	38	40	36	31	29	34	34	34	35	236	252	219	156	155	107	195	203	163			
44	26	21	35	20	16	40	23	18	54	31	24	45	24	18	50	27	21	146	144	132	103	88	72	124	117	103			
75	40	22	62	33	18	69	36	20	92	45	24	76	38	20	84	42	22	217	187	138	151	112	73	185	150	106			
93	68	50	67	49	36	81	59	43	112	81	54	84	61	41	99	71	48	301	347	377	192	208	212	247	278	296			
43	37	30	41	32	30	42	35	30	54	42	36	52	43	36	53	42	36	272	273	257	280	262	279	276	267	268			
128	110	95	99	85	74	114	98	84	204	174	148	167	141	121	186	158	135	516	618	451	433	586	424	475	600	436			
22	20	16	14	13	11	18	17	14	26	24	19	16	14	12	21	19	15	287	377	399	112	136	151	199	257	277			
16	11	8	13	9	6	15	10	7	19	12	8	15	10	7	17	11	8	140	101	78	111	77	60	131	95	73			
9	6	5	7	5	4	8	6	5	11	7	6	8	6	5	10	6	6	129	108	96	78	67	59	104	88	78			
100	89	69	94	85	65	97	87	67	156	138	103	159	140	104	157	139	103	414	531	475	356	497	444	385	513	458			
11	8	7	8	7	6	10	7	7	13	9	9	10	8	7	11	9	8	172	144	135	91	83	79	132	114	107			
24	16	15	21	12	13	22	14	14	27	19	17	23	14	14	25	16	16	196	181	158	98	90	85	147	135	121			
65	56	36	57	49	31	61	53	34	77	65	40	70	60	37	74	62	38	250	252	223	144	151	140	198	202	181			
23	25	27	23	25	27	23	25	27	26	28	31	28	30	34	27	29	33	271	222	202	237	180	162	256	202	182			
30	23	18	23	17	14	27	20	16	35	26	20	28	20	16	32	23	18	178	185	195	117	98	93	148	143	146			
39	24	12	40	24	12	39	24	12	58	31	14	53	29	13	56	30	14	235	202	192	168	136	110	200	167	150			
96	76	56	83	66	49	90	71	53	131	101	71	123	95	67	127	98	69	304	271	249	277	229	185	288	249	217			
117	116	102	93	93	82	105	104	92	188	185	162	154	152	133	172	169	148	382	668	538	322	597	498	352	632	515			
53	64	64	49	59	59	51	62	62	82	106	99	76	98	92	79	102	96	352	766	812	215	660	752	285	711	772			

# 1. Mortality and burden of disease

62+2>六九零  
376+618-50+45  
Y2M.Y0E4  
81:4CL-3

Member State	Life expectancy at birth <sup>a</sup> (years)									Healthy life expectancy (HALE) at birth <sup>b</sup> (years)			Neonatal mortality rate <sup>c</sup> (per 1000 live births)
	Male			Female			Both sexes			Male	Female	Both sexes	
	1990	2000	2008	1990	2000	2008	1990	2000	2008	2007			

## RANGES OF COUNTRY VALUES

Minimum	28	37	40	41	44	42	36	41	42	34	36	35	0
Median	64	67	68	70	73	74	67	70	71	60	64	62	12
Maximum	76	78	81	82	85	86	79	81	83	74	78	76	61

## WHO REGION

African Region	49	49	52	53	52	54	51	50	53	45	46	45	40
Region of the Americas	68	71	73	75	77	79	71	74	76	65	69	67	9
South-East Asia Region	58	61	63	59	63	66	58	62	65	56	57	57	34
European Region	68	68	71	75	77	79	72	72	75	64	70	67	7
Eastern Mediterranean Region	59	62	63	62	65	66	61	63	65	55	57	56	35
Western Pacific Region	68	70	72	71	74	77	69	72	75	65	69	67	11

## INCOME GROUP

Low income	52	53	56	55	56	59	54	55	57	48	49	49	37
Lower middle income	61	63	65	63	66	69	62	65	67	60	62	61	29
Upper middle income	65	65	67	72	73	75	68	69	71	58	63	61	11
High income	72	75	77	79	81	83	76	78	80	68	72	70	4

## GLOBAL

GLOBAL	62	64	66	66	68	70	64	66	68	58	61	59	26
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MDG 4 Infant mortality rate <sup>a</sup> (probability of dying by age 1 per 1000 live births)									MDG 4 Under-five mortality rate <sup>a</sup> (probability of dying by age 5 per 1000 live births)									Adult mortality rate <sup>a</sup> (probability of dying between 15 and 60 years per 1000 population)																																			
Male			Female			Both sexes			Male			Female			Both sexes			Male			Female			Both sexes																													
1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008																								
5	3	2	4	2	1	5	3	1	7	4	3	6	3	1	6	3	2	80	74	59	40	39	39	60	57	53	39	31	22	36	25	18	37	28	21	49	37	26	45	30	20	46	34	23	262	239	223	154	142	127	206	197	175
178	172	172	161	158	158	168	165	165	310	268	258	300	256	256	305	257	257	920	766	812	445	660	752	774	711	772	116	105	91	99	90	79	108	98	85	191	173	149	174	157	136	182	165	142	417	453	412	325	389	374	371	421	392
36	24	17	29	20	14	33	22	15	45	29	20	37	24	17	41	27	18	206	179	162	116	101	90	162	140	126	81	64	49	79	62	47	80	63	48	110	84	61	116	90	66	113	87	63	299	283	252	248	219	183	274	252	218
30	20	13	24	16	10	27	18	12	36	24	15	29	19	12	32	22	14	215	229	208	97	98	90	157	165	149	82	69	60	72	62	54	77	66	57	108	91	79	102	89	78	105	90	78	267	243	231	215	188	172	242	217	203
32	25	17	41	32	20	36	28	18	42	32	20	50	38	23	46	34	21	190	160	142	137	102	83	165	132	113	108	95	81	93	82	70	101	88	76	165	143	123	150	130	112	158	137	118	364	374	333	299	318	287	331	345	310
63	55	45	64	55	44	64	55	44	88	76	61	94	81	65	91	78	63	254	235	210	198	172	144	227	205	178	41	29	21	32	23	17	37	26	19	50	35	25	40	28	20	45	32	23	261	276	251	128	134	129	195	206	191
11	7	6	9	6	5	10	7	6	13	9	8	11	7	6	12	8	7	155	129	113	77	67	61	117	98	87	63	55	46	60	52	43	62	54	45	90	79	66	89	78	65	90	78	65	246	236	213	173	163	146	210	200	180





## Cause-specific mortality and morbidity

This section brings together indicators on the level and distribution of specific causes of deaths grouped as follows: communicable, maternal and perinatal conditions and nutritional deficiencies; noncommunicable conditions; and injuries.

Estimates are also provided of the distribution of causes of death among children under 5 years old. These include major communicable diseases such as HIV/AIDS, diarrhoea, malaria, measles and pneumonia, as well as conditions arising in the neonatal period such as prematurity, birth asphyxia, neonatal sepsis and congenital anomalies.

The “years of life lost” (YLL) is a measure of premature mortality that takes into account both the frequency of deaths and the age at which death occurs. The distribution of YLL by broad cause differs significantly by country-income group (Figure 9 and Box 2).

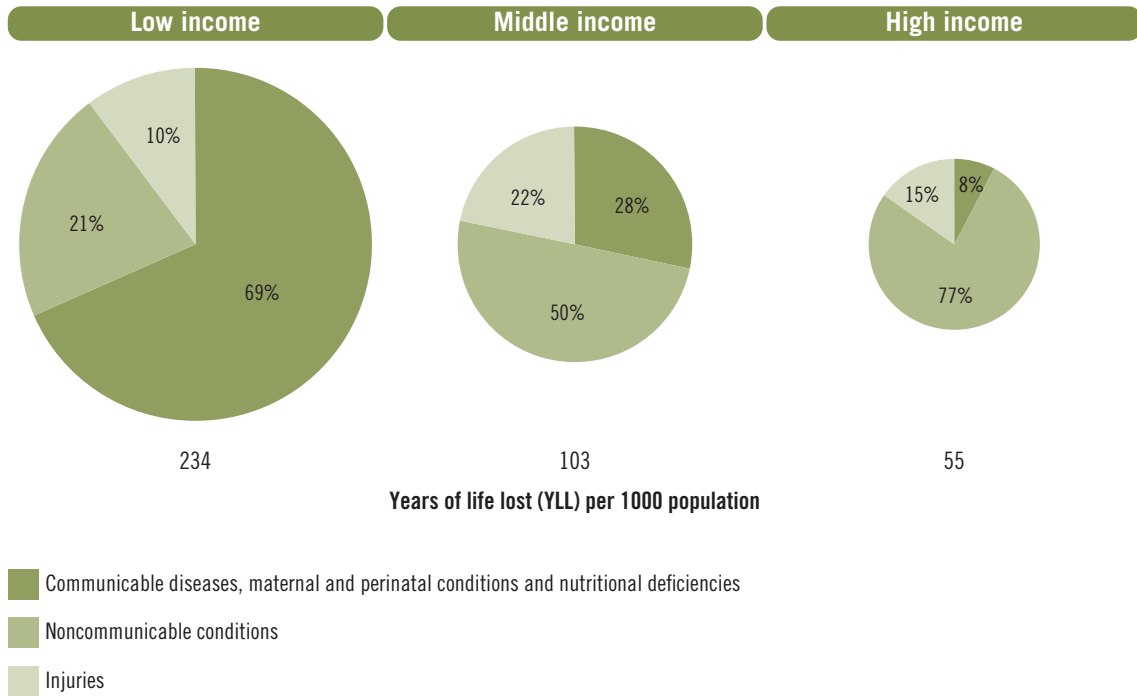
The country-specific indicators presented in this section have been derived from a range of data sources on mortality, incidence and prevalence data. These include death-registration records; health-facility reports; household surveys; censuses; and special studies on deaths due to HIV and conflict. There are considerable uncertainty ranges for many countries due to limitations in data availability, quality and timeliness. Uncertainty in estimated all-cause mortality for 2008 ranges from  $\pm 1\%$  for high-income countries to  $\pm 15\text{--}20\%$  for sub-Saharan Africa, reflecting a large difference in data availability. Uncertainty ranges are generally larger for deaths from specific causes. For example, the relative uncertainty for deaths from ischaemic heart disease ranges from around  $\pm 12\%$  for high-income countries to  $\pm 25\text{--}35\%$  for sub-Saharan Africa.

The section also includes estimates for key MDG-related indicators, including mortality due to maternal conditions, HIV/AIDS, tuberculosis and malaria. Estimating cause-specific mortality is difficult in developing countries where systems for counting deaths and accurately recording cause-of-death are weak or non-existent. These indicators are, therefore, associated with significant uncertainty – in the case of tuberculosis indicators the margins of uncertainty are provided.

Estimating maternal mortality is also particularly challenging because few developing countries have robust sources of data. Reported figures are derived from different sources and are of variable quality in terms of completeness, timeliness, reliability and accuracy. WHO and its partners are working to develop revised estimates that will be available during the second half of 2010. In the meantime, country-reported figures and 2005 interagency estimates are provided, along with the estimated margins of uncertainty.

Estimates of both disease incidence and prevalence are provided for tuberculosis and HIV/AIDS. Incidence is the number of new cases each year, while prevalence is the number of people with the disease at a specific point in time. Because not all people with infection attend health facilities, household surveys are required to obtain the true number of cases. Such surveys, however, only provide reliable data if the condition is sufficiently common. Tuberculosis surveys require very large sample sizes and are rarely conducted. Therefore, estimates for many countries depend upon modelling which relies heavily on the notification rate for tuberculosis; as a result the uncertainty range associated with both its incidence and prevalence is large. In countries with generalized HIV/AIDS epidemics, prevalence estimates are derived from the testing of pregnant women attending antenatal clinics and, more recently, from population-based surveys which include HIV testing. In concentrated HIV/AIDS epidemics, estimates are largely based upon surveillance among populations with high-risk behaviours.

Figure 9: Years of life lost (YLL) due to premature mortality by broad cause and country-income group – 2004<sup>19</sup>



<sup>19</sup> Income categories for 2004 shown in Figure 9 are as defined by the World Bank's *World development report 2004: Making services work for poor people*. Washington, DC, World Bank and Oxford University Press, 2003.

**Box 2: Years of life lost (YLL)**

YLL take into account the age at which deaths occur by assigning greater statistical weight to deaths occurring at younger ages and lower statistical weight to deaths occurring at older ages. In Figure 9, the YLL due to each major group of causes are shown as a proportion of the total YLL lost due to all premature mortality in the population. Each income-level chart is proportional in size in terms of the absolute number of YLL per 1000 population. Three major conclusions emerge from the data:

Low-income countries have the highest rates of premature mortality relative to their populations – total YLL per 1000 population are more than four times higher in low-income countries compared with high-income countries, and more than double the figure in middle-income countries.

The distribution of YLL by cause differs significantly by country-income group – in low-income countries, over two thirds of YLL per 1000 population are due to communicable diseases, maternal and perinatal conditions, and nutritional deficiencies. By contrast, these causes account for around one quarter of YLL per 1000 population in middle-income countries, and under 10% in high-income countries.

In high-income and middle-income countries, noncommunicable conditions are the major contributors to YLL – these conditions account for over three quarters of YLL per 1000 population in the former and half the total in the latter. In low-income countries, noncommunicable conditions account for a smaller percentage (21%) of total YLL per 1000 population. Nonetheless, in absolute terms, YLL due to noncommunicable diseases are higher in low-income countries than high-income ones.



Mortality											Morbidity				
Distribution of causes of death among children aged <5 years <sup>h,i</sup> (%)											MDG 6 Prevalence of tuberculosis <sup>j</sup> (per 100 000 population)		MDG 6 Incidence of tuberculosis <sup>j</sup> (per 100 000 population per year)		MDG 6 Prevalence of HIV among adults aged 15–49 years <sup>c</sup> (%)
HIV/AIDS	Diarrhoea	Measles	Malaria	Pneumonia	Prematurity	Birth asphyxia	Neonatal sepsis	Congenital abnormalities	Other diseases	Injuries	2000	2008	2000	2008	2007
0	29	1	0	26	5	5	4	2	25	4	470 [320–660]	270 [150–430]	190 [150–230]	190 [150–230]	...
0	2	0	0	18	14	7	1	22	26	11	11 [3–25]	9 [2–19]	23 [20–27]	16 [14–19]	...
0	13	1	0	19	22	13	6	8	17	2	15 [10–51]	15 [10–59]	48 [38–57]	58 [46–70]	0.1
0	0	0	0	5	20	8	1	34	23	10	18 [9–29]	2 [1–4]	21 [18–23]	5 [5–6]	...
2	25	1	8	20	6	6	5	2	23	3	360 [210–540]	190 [53–370]	250 [200–300]	290 [250–350]	2.1
0	1	0	0	7	48	7	1	20	11	5	8 [5–12]	0 [0–1]	6 [5–7]	1 [1–2]	...
0	1	0	0	7	30	5	6	25	20	7	33 [9–64]	22 [5–45]	40 [32–49]	30 [24–36]	0.5
0	2	0	0	17	26	10	2	17	22	4	85 [42–140]	67 [24–120]	71 [57–85]	73 [58–87]	0.1
0	0	0	0	2	22	9	1	24	33	8	4 [1–7]	5 [2–8]	6 [5–7]	7 [6–8]	0.2
0	0	0	0	1	25	9	0	32	25	7	13 [6–22]	1 [1–2]	17 [15–19]	0 [0–0]	0.2
0	11	0	0	22	22	10	5	7	21	2	160 [69–250]	140 [71–230]	110 [88–130]	110 [88–130]	0.2
1	1	0	0	9	12	14	9	19	25	11	17 [7–29]	9 [3–15]	31 [27–35]	16 [14–18]	3.0
0	1	0	0	1	24	7	1	43	14	10	43 [19–75]	28 [7–58]	40 [32–48]	46 [39–55]	...
0	11	1	2	14	17	18	16	4	16	2	520 [350–740]	410 [260–610]	220 [180–270]	220 [180–270]	...
4	0	0	0	2	37	16	5	13	17	6	0 [0–1]	1 [1–2]	1 [1–2]	1 [1–2]	1.2
0	1	0	0	4	10	6	2	30	30	17	44 [11–84]	11 [8–41]	75 [68–89]	43 [35–52]	0.2
0	1	0	0	1	14	8	2	32	31	10	10 [3–17]	3 [1–8]	14 [13–16]	9 [8–10]	0.2
4	7	0	0	11	18	9	4	15	20	11	11 [8–39]	43 [22–72]	40 [32–48]	40 [32–48]	2.1
1	13	0	23	19	10	6	2	3	19	2	130 [77–190]	130 [81–210]	85 [68–100]	92 [73–110]	1.2
0	14	0	0	24	14	11	7	4	22	4	200 [55–400]	96 [24–200]	250 [200–300]	160 [140–200]	0.1
0	15	0	0	18	16	13	8	5	22	3	210 [100–350]	170 [88–290]	180 [150–220]	140 [120–170]	0.2
0	1	0	0	14	24	10	1	24	19	7	18 [12–65]	14 [9–42]	63 [50–75]	51 [45–61]	<0.1
0	7	0	1	12	23	11	4	10	27	5	300 [96–560]	560 [300–920]	640 [540–770]	710 [570–850]	23.9
0	5	0	0	9	23	10	7	15	26	5	52 [20–93]	29 [7–59]	60 [48–72]	46 [38–56]	0.6
0	2	0	0	1	15	7	2	36	24	13	98 [51–160]	43 [15–78]	110 [92–120]	65 [57–74]	...
0	2	0	0	21	17	9	2	18	25	6	15 [8–39]	23 [6–46]	46 [42–55]	43 [39–51]	...
1	19	0	20	21	6	5	3	2	21	3	410 [280–570]	490 [340–680]	200 [160–240]	220 [180–260]	1.6
2	24	1	9	17	7	7	6	2	21	4	520 [340–750]	670 [460–960]	320 [260–390]	360 [290–430]	2.0
0	7	1	1	28	11	10	8	2	29	3	1 000 [680–1 500]	680 [400–1 100]	530 [420–640]	490 [390–590]	0.8
5	16	1	19	18	8	6	4	2	18	2	270 [180–390]	150 [71–270]	170 [130–200]	190 [150–220]	5.1
0	0	0	0	1	27	12	2	24	27	6	3 [1–6]	3 [1–5]	6 [5–7]	5 [4–6]	0.4
0	8	6	0	14	24	12	5	9	19	3	300 [190–440]	280 [180–410]	160 [130–190]	150 [120–180]	...
7	17	0	14	20	9	7	4	2	18	1	440 [290–640]	420 [260–640]	300 [240–360]	340 [270–400]	6.3
3	22	0	19	19	6	6	3	1	19	1	510 [340–720]	580 [390–820]	260 [210–310]	290 [230–350]	3.5
0	0	0	0	6	25	5	3	35	21	6	5 [3–19]	4 [2–12]	19 [16–23]	11 [9–14]	0.3
0	3	0	0	17	15	17	2	10	25	11	210 [140–310]	88 [31–160]	110 [84–130]	97 [78–120]	0.1
0	4	0	0	12	19	7	7	17	25	7	47 [22–80]	37 [16–64]	43 [34–52]	36 [29–43]	0.6
0	20	0	0	22	16	9	6	3	22	2	99 [62–150]	65 [39–100]	56 [45–68]	40 [32–48]	<0.1
5	14	0	24	16	11	6	4	3	15	2	270 [130–460]	390 [200–650]	350 [300–420]	390 [310–470]	3.5
0	0	0	0	15	15	0	0	19	31	20	3 [2–8]	32 [19–50]	7 [6–8]	20 [16–24]	...
0	1	0	0	5	23	9	6	30	22	3	4 [3–14]	3 [2–11]	14 [11–16]	11 [9–13]	0.4
4	13	0	21	17	12	9	6	3	14	1	620 [420–880]	730 [480–1 000]	370 [290–440]	410 [330–490]	3.9
0	1	0	0	4	20	7	5	36	20	6	28 [10–49]	16 [5–30]	42 [36–47]	25 [22–29]	<0.1
0	1	0	0	11	10	7	9	24	31	8	7 [3–13]	2 [1–6]	11 [11–14]	6 [5–7]	0.1
0	0	0	0	4	23	6	1	35	22	9	1 [1–4]	3 [1–6]	5 [4–6]	6 [5–6]	...
0	1	0	0	5	14	13	3	23	29	12	9 [2–17]	6 [2–10]	16 [14–18]	9 [8–10]	...
0	12	0	0	20	21	12	7	6	19	2	720 [480–1 000]	270 [110–480]	340 [280–410]	340 [300–410]	...
1	19	1	17	20	10	7	4	3	17	2	650 [420–950]	660 [420–980]	340 [270–410]	380 [310–460]	...
0	1	0	0	1	34	9	0	31	20	4	9 [4–16]	4 [1–7]	13 [11–14]	7 [6–8]	0.2



Mortality											Morbidity				
Distribution of causes of death among children aged <5 years <sup>h,i</sup> (%)											MDG 6 Prevalence of tuberculosis <sup>j</sup> (per 100 000 population)		MDG 6 Incidence of tuberculosis <sup>j</sup> (per 100 000 population per year)		MDG 6 Prevalence of HIV among adults aged 15–49 years <sup>c</sup> (%)
HIV/AIDS	Diarrhoea	Measles	Malaria	Pneumonia	Prematurity	Birth asphyxia	Neonatal sepsis	Congenital abnormalities	Other diseases	Injuries	2000	2008	2000	2008	2007
6	19	0	0	19	11	9	6	7	20	2	290 [94–630]	670 [330–1 100]	620 [540–740]	620 [500–740]	3.1
0	0	0	0	4	32	11	8	27	14	4	42 [29–57]	7 [2–17]	14 [11–17]	13 [11–16]	...
1	9	0	0	18	26	11	4	9	18	3	130 [68–200]	95 [52–150]	100 [80–120]	73 [58–87]	1.1
1	6	0	0	17	22	9	2	16	22	6	170 [100–260]	110 [65–170]	110 [85–130]	72 [58–86]	0.3
0	5	0	0	11	33	6	1	18	21	5	34 [19–52]	24 [14–38]	26 [21–30]	19 [16–22]	...
4	4	0	0	14	21	9	1	19	22	7	37 [17–65]	18 [5–36]	37 [29–44]	32 [28–38]	0.8
3	9	9	28	12	10	7	4	3	12	1	0 [0–0]	63 [21–110]	...	130 [110–140]	3.4
4	21	2	0	19	11	7	4	3	24	5	35 [24–88]	82 [36–150]	85 [68–100]	97 [78–120]	1.3
1	0	0	0	2	10	10	4	27	24	21	53 [17–99]	14 [5–32]	69 [58–82]	34 [30–41]	1.3
3	23	0	7	15	9	11	9	2	19	3	540 [350–800]	560 [350–850]	330 [260–400]	370 [290–440]	2.1
1	5	0	0	13	23	9	1	18	24	7	30 [12–53]	25 [14–41]	30 [24–36]	20 [16–24]	0.1
0	0	0	0	4	19	6	3	37	24	6	8 [3–14]	5 [2–9]	12 [10–13]	7 [6–8]	0.1
0	1	0	0	2	13	12	3	26	37	7	8 [3–14]	2 [1–5]	12 [10–13]	6 [5–7]	0.4
10	6	1	29	11	15	8	4	4	10	1	230 [120–390]	410 [210–690]	250 [200–310]	450 [360–540]	5.9
1	14	1	23	16	11	8	5	3	15	3	300 [170–490]	390 [240–600]	230 [180–270]	260 [210–320]	0.9
0	6	0	0	19	27	13	5	11	16	3	64 [15–130]	42 [17–89]	110 [93–130]	110 [100–130]	0.1
0	0	0	0	1	33	7	2	28	23	6	9 [4–16]	2 [1–4]	13 [11–14]	5 [5–6]	0.1
3	9	2	26	10	12	11	9	4	11	2	420 [280–600]	400 [270–570]	210 [170–250]	200 [160–240]	1.9
0	0	0	0	8	35	4	0	36	9	9	4 [1–8]	3 [1–5]	7 [6–8]	6 [5–6]	0.2
0	1	0	0	12	38	14	3	19	11	2	6 [4–10]	2 [1–5]	4 [4–5]	4 [3–5]	...
3	19	0	0	20	19	5	1	5	24	5	120 [80–180]	110 [69–160]	68 [54–81]	63 [50–75]	0.8
2	14	3	24	17	8	8	6	2	14	1	380 [250–550]	550 [360–800]	200 [160–240]	300 [240–360]	1.6
2	19	2	18	18	8	6	5	2	18	2	280 [170–420]	220 [100–370]	190 [150–230]	220 [180–270]	1.8
6	15	0	1	17	16	9	7	8	17	4	130 [75–200]	110 [44–200]	100 [83–120]	110 [90–140]	2.5
5	20	0	1	20	11	10	6	2	23	2	410 [260–620]	290 [150–460]	270 [220–330]	250 [200–300]	2.2
1	10	0	0	18	22	12	5	9	19	4	100 [52–170]	79 [43–130]	120 [100–140]	64 [52–77]	0.7
0	0	0	0	7	24	5	1	26	32	6	18 [5–36]	8 [3–17]	35 [30–39]	16 [14–19]	0.1
0	0	0	0	0	7	10	8	24	49	3	4 [2–6]	1 [0–2]	5 [5–6]	2 [2–3]	0.2
0	13	4	0	20	14	10	7	3	25	3	190 [93–320]	190 [88–320]	170 [130–200]	170 [130–200]	0.3
0	15	0	1	22	19	10	5	6	19	2	450 [310–640]	210 [100–360]	190 [150–230]	190 [150–230]	0.2
1	10	0	0	16	27	9	4	14	16	4	45 [25–71]	23 [12–39]	32 [25–38]	20 [16–24]	0.2
0	12	0	0	20	23	12	5	8	16	5	81 [42–130]	110 [70–170]	64 [51–77]	64 [51–77]	...
0	0	0	0	0	15	5	2	48	25	5	5 [2–11]	2 [1–7]	12 [10–13]	9 [8–10]	0.2
0	0	0	0	2	19	6	2	40	29	4	7 [3–13]	3 [1–6]	11 [9–12]	6 [5–7]	0.1
0	0	0	0	1	23	7	3	31	30	5	2 [1–5]	5 [3–9]	7 [6–8]	7 [6–7]	0.4
4	14	0	0	23	13	5	1	9	26	5	6 [2–10]	8 [4–13]	7 [5–8]	7 [5–8]	1.6
0	1	0	0	6	9	5	2	39	28	11	23 [8–42]	12 [3–24]	36 [31–40]	22 [19–25]	...
0	4	0	0	11	35	6	2	19	18	5	3 [1–7]	3 [1–6]	7 [6–9]	6 [6–7]	...
0	2	0	0	17	1	1	0	15	57	7	120 [29–230]	98 [26–210]	200 [170–240]	180 [150–210]	0.1
5	21	1	11	16	8	8	6	2	20	3	500 [300–770]	180 [45–370]	400 [320–490]	330 [260–390]	...
0	17	0	0	24	15	8	3	7	23	4	490 [240–830]	110 [58–260]	420 [340–500]	360 [350–430]	...
0	1	0	0	4	28	3	2	48	11	4	16 [5–30]	30 [15–49]	26 [23–30]	34 [30–39]	...
0	14	0	0	22	18	12	4	7	20	3	94 [22–200]	140 [53–270]	150 [130–180]	160 [130–190]	0.1
0	7	3	0	27	9	11	6	4	31	3	360 [240–510]	260 [170–400]	160 [130–190]	150 [120–180]	0.2
0	1	0	0	7	7	25	1	30	21	8	53 [14–100]	13 [8–36]	94 [83–110]	50 [46–60]	0.8
1	2	0	0	8	30	6	1	24	20	8	7 [3–16]	8 [2–15]	17 [15–20]	14 [12–16]	0.1
17	10	0	0	13	16	13	10	4	14	2	220 [82–370]	490 [300–730]	550 [520–660]	640 [590–760]	23.2
3	17	2	16	17	10	8	6	2	18	1	480 [320–680]	420 [260–640]	240 [190–290]	280 [230–340]	1.7
0	4	0	0	9	30	6	1	22	21	7	42 [18–74]	28 [6–60]	40 [32–48]	40 [32–48]	...

## 2. Cause-specific mortality and morbidity

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Member State	Mortality										
	MDG 5 Maternal mortality ratio (per 100 000 live births)		Cause-specific mortality rate (per 100 000 population)			Age-standardized mortality rates by cause <sup>e,g</sup> (per 100 000 population)			Distribution of years of life lost by broader causes <sup>h</sup> (%)		
	Country reported estimates <sup>a</sup>	Interagency estimates <sup>b</sup>	HIV/AIDS <sup>c</sup>	MDG 6	MDG 6	Communicable	Non- communicable	Injuries	Communicable	Non- communicable	Injuries
				Malaria <sup>d</sup>	TB among HIV-negative people <sup>e</sup>						
2000–2009	2005	2007	2006	2008	2004			2004			
Lithuania	9	11 [11–22]	<10	...	9.3 [4.5–16]	30	635	128	5	69	26
Luxembourg	19	12 [12–23]	...	...	0.0 [0.0–0.0]	35	419	46	7	77	16
Madagascar	469	510 [290–740]	<10	12	52 [21–99]	536	799	81	74	19	8
Malawi	...	1 100 [720–1 500]	488	95	23 [8.6–48]	1 396	796	105	87	8	5
Malaysia	28	62 [41–82]	15	0.1	15 [6.5–30]	161	623	53	28	55	17
Maldives	72	120 [42–260]	...	...	2.9 [1.1–5.6]	160	953	165	35	35	30
Mali	...	970 [620–1 300]	47	201	81 [28–150]	1 011	967	112	83	11	5
Malta	0	8 [8–17]	...	...	0.8 [0.4–1.4]	37	433	25	6	85	9
Marshall Islands	0	...	...	...	14 [5.0–25]	293	961	61	34	56	10
Mauritania	686	820 [480–1 200]	<50	85	80 [30–150]	566	812	90	73	18	9
Mauritius	...	15 [15–30]	...	...	4.7 [1.8–8.9]	52	731	43	10	78	12
Mexico	56	60 [60–120]	10	0.0 <sup>k</sup>	1.4 [0.5–2.7]	73	501	55	25	58	18
Micronesia (Federated States of)	317	...	...	...	6.6 [2.3–14]	178	682	33	32	58	10
Monaco	0	...	...	...	0.0 [0.0–0.0]	25	321	39	7	77	16
Mongolia	50	46 [46–93]	...	...	21 [7.6–43]	152	923	86	32	51	17
Montenegro	...	...	...	...	1.5 [0.6–3.0]	...	...	...	...	...	...
Morocco	227	240 [140–350]	<10	0.0	8.0 [3.1–15]	118	655	49	39	48	13
Mozambique	...	520 [360–680]	379	92	36 [14–75]	954	777	108	81	12	7
Myanmar	380	380 [260–510]	51	19	57 [25–110]	513	775	96	56	33	11
Namibia	449	210 [110–300]	246	47	26 [8.5–58]	825	513	73	82	11	6
Nauru	300	...	...	...	0.8 [0.3–1.8]	210	1 093	129	24	60	15
Nepal	281	830 [290–1 900]	18	0.1	22 [9.3–45]	463	769	119	60	27	13
Netherlands	5	6 [6–12]	<10	...	0.4 [0.2–0.7]	31	425	24	6	85	9
New Zealand	7	9 [9–18]	...	...	0.5 [0.2–0.9]	14	398	39	5	77	18
Nicaragua	77	170 [120–230]	<10	0.0 <sup>k</sup>	4.1 [1.6–8.2]	129	705	71	39	44	17
Niger	648	1 800 [840–2 900]	28	229	37 [15–72]	1 272	1 030	127	86	10	4
Nigeria	800	1 100 [440–2 000]	115	156	63 [22–120]	964	909	109	81	13	6
Niue	0	...	...	...	0.0 [0.0–0.0]	174	595	36	33	56	11
Norway	9	7 [7–15]	...	...	0.4 [0.1–0.7]	22	391	42	4	79	16
Oman	17	64 [18–200]	...	0.0	0.8 [0.3–1.4]	26	664	39	16	63	21
Pakistan	276	320 [99–810]	3	0.8	39 [17–77]	403	717	91	64	26	10
Palau	0	...	...	...	14 [5.4–26]	190	735	36	29	62	9
Panama	84	130 [39–410]	<50	0.0 <sup>k</sup>	2.8 [1.0–5.4]	95	417	52	35	45	20
Papua New Guinea	733	470 [130–1 300]	<50	45	21 [7.6–44]	468	772	100	65	25	11
Paraguay	127	150 [99–200]	<50	0.0 <sup>k</sup>	5.4 [2.2–11]	119	602	74	33	44	23
Peru	...	240 [170–310]	12	0.5	8.7 [3.2–17]	231	534	60	41	45	15
Philippines	162	230 [60–700]	<10	0.3	52 [22–100]	285	620	59	44	43	13
Poland	3	8 [5–10]	<10	...	2.6 [0.9–5.4]	27	583	54	4	81	15
Portugal	8	11 [7–14]	<10	...	1.6 [0.7–2.8]	42	456	40	9	78	12
Qatar	12	12 [8–16]	...	...	3.8 [1.8–6.4]	61	512	35	17	59	25
Republic of Korea	15	14 [14–27]	<10	0.0	5.5 [2.3–9.5]	32	470	67	6	72	22
Republic of Moldova	44	22 [22–44]	<10	...	4.6 [0.0–12]	64	963	97	10	74	16
Romania	14	24 [24–49]	...	...	7.7 [6.9–8.5]	51	706	54	9	79	12
Russian Federation	24	28 [28–55]	28	...	15 [7.2–26]	71	904	218	8	62	29
Rwanda	750	1 300 [770–1 800]	80	59	71 [25–140]	1 157	878	147	83	10	7
Saint Kitts and Nevis	141	...	...	...	0.0 [0.0–0.2]	179	691	43	27	63	11
Saint Lucia	...	...	...	...	0.9 [0.4–1.9]	69	522	67	17	60	22
Saint Vincent and the Grenadines	...	...	...	...	1.4 [0.4–3.2]	162	674	64	31	54	16
Samoa	3	...	...	...	4.3 [1.7–8.2]	204	766	40	32	58	9



Mortality											Morbidity				
Distribution of causes of death among children aged <5 years <sup>h,i</sup> (%)											MDG 6 Prevalence of tuberculosis <sup>j</sup> (per 100 000 population)		MDG 6 Incidence of tuberculosis <sup>j</sup> (per 100 000 population per year)		MDG 6 Prevalence of HIV among adults aged 15–49 years <sup>c</sup> (%)
HIV/AIDS	Diarrhoea	Measles	Malaria	Pneumonia	Prematurity	Birth asphyxia	Neonatal sepsis	Congenital abnormalities	Other diseases	Injuries	2000	2008	2000	2008	2007
0	0	0	0	6	12	7	4	35	18	17	45 [13–93]	34 [11–75]	85 [76–100]	71 [63–85]	0.1
0	0	0	0	0	26	17	1	19	24	13	11 [6–17]	1 [1–1]	12 [10–13]	0 [0–0]	0.2
0	22	0	4	21	11	9	7	2	21	2	350 [210–540]	430 [270–650]	220 [170–260]	260 [200–310]	0.1
14	11	0	17	13	10	8	6	3	16	2	410 [250–630]	310 [180–480]	420 [340–510]	320 [260–390]	11.9
4	1	0	0	6	22	8	1	26	23	9	140 [77–230]	120 [67–200]	110 [87–130]	100 [82–120]	0.5
0	9	0	0	16	26	11	5	9	20	4	77 [33–140]	13 [7–33]	74 [59–89]	42 [39–50]	...
1	19	0	21	19	8	7	4	2	17	2	650 [450–910]	750 [510–1 000]	300 [240–360]	320 [260–390]	1.5
0	0	0	0	6	24	8	0	29	18	15	1 [1–4]	11 [6–18]	5 [4–5]	14 [12–16]	0.1
0	9	0	0	23	17	6	2	9	29	5	510 [330–740]	59 [39–150]	250 [200–300]	210 [210–250]	...
1	16	0	13	20	13	9	6	3	17	2	450 [270–680]	700 [470–1 000]	280 [220–330]	320 [260–390]	0.8
1	2	0	0	7	23	14	5	22	22	4	38 [23–59]	40 [26–60]	24 [20–29]	22 [18–27]	1.7
0	6	0	0	13	17	7	5	22	22	9	40 [21–65]	8 [3–17]	32 [25–38]	19 [17–22]	0.3
0	4	0	0	29	17	7	3	5	30	4	130 [54–230]	34 [23–110]	130 [100–150]	93 [75–110]	...
0	0	0	0	4	22	9	1	32	23	9	1 [1–1]	0 [0–0]	0 [0–0]	0 [0–0]	...
0	4	0	0	29	14	5	1	7	35	5	230 [110–400]	140 [29–280]	210 [160–250]	210 [170–250]	0.1
0	0	0	0	9	26	11	1	28	17	6	...	6 [4–17]	...	23 [21–27]	...
0	12	0	0	17	21	15	8	10	14	3	51 [17–110]	48 [14–97]	110 [100–130]	93 [85–110]	0.1
14	12	0	12	18	10	9	6	3	15	2	540 [350–780]	470 [290–710]	380 [300–450]	420 [340–500]	12.5
1	13	0	2	13	14	11	9	2	13	22	950 [650–1 300]	470 [240–780]	400 [320–480]	400 [320–480]	0.7
18	6	7	5	14	18	8	4	6	13	2	250 [100–500]	290 [110–620]	670 [590–810]	750 [630–900]	15.3
0	3	0	0	18	27	16	9	9	13	5	50 [29–77]	10 [7–21]	44 [40–53]	12 [9–14]	...
1	15	0	0	14	17	18	14	4	15	2	160 [65–290]	170 [71–300]	160 [130–200]	160 [130–200]	0.5
0	0	0	0	2	18	12	6	28	28	6	4 [1–8]	4 [1–8]	9 [8–10]	7 [6–8]	0.2
0	0	0	0	5	26	11	3	25	21	10	3 [2–8]	5 [2–9]	10 [9–12]	8 [7–9]	0.1
1	9	0	0	20	22	8	2	13	21	4	68 [28–120]	26 [7–53]	68 [54–81]	46 [41–56]	0.2
0	20	0	18	22	7	6	3	1	21	2	310 [210–440]	330 [210–480]	150 [120–180]	180 [140–210]	0.8
3	19	0	20	16	8	8	6	2	17	1	600 [420–830]	610 [410–860]	270 [220–330]	300 [240–360]	3.1
0	0	0	0	5	32	14	4	19	23	2	4 [3–6]	0 [0–0]	0 [0–0]	0 [0–0]	...
0	3	0	0	0	14	17	3	28	26	9	3 [1–5]	3 [1–6]	6 [5–6]	6 [5–7]	0.1
0	2	0	0	7	32	6	1	25	19	7	9 [4–16]	6 [2–12]	14 [13–17]	13 [13–16]	...
0	16	0	0	18	17	15	12	7	14	2	640 [400–890]	310 [170–510]	230 [190–280]	230 [190–280]	0.1
0	4	0	0	10	21	8	1	20	26	9	23 [16–65]	110 [71–170]	52 [42–63]	63 [50–75]	...
1	6	0	0	13	16	6	5	24	22	6	12 [8–41]	14 [8–34]	47 [40–57]	47 [45–57]	1.0
3	5	2	7	22	11	11	6	3	25	3	130 [37–320]	130 [37–290]	250 [200–300]	250 [210–300]	1.5
1	9	0	0	17	24	13	5	10	18	4	37 [9–73]	40 [13–77]	48 [38–58]	47 [38–57]	0.6
1	4	0	0	16	25	10	2	16	20	6	140 [32–280]	46 [19–100]	180 [150–220]	120 [110–140]	0.5
0	7	0	0	24	19	7	2	8	29	4	780 [600–950]	550 [500–600]	330 [260–390]	280 [230–340]	...
0	0	0	0	5	30	7	4	35	14	6	26 [5–52]	17 [3–37]	35 [28–42]	25 [20–29]	0.1
1	0	0	0	6	22	10	1	32	19	8	23 [7–46]	15 [5–30]	48 [41–54]	30 [26–34]	0.5
0	2	0	0	6	24	5	1	26	25	11	66 [28–120]	54 [22–97]	63 [50–75]	55 [44–66]	...
0	0	0	0	4	26	5	4	21	28	12	16 [11–44]	50 [13–96]	54 [47–61]	88 [77–99]	<0.1
0	2	0	0	23	4	7	6	31	14	14	130 [72–200]	90 [39–160]	140 [110–160]	170 [140–210]	0.4
0	1	0	0	33	12	4	0	21	20	8	160 [58–290]	110 [35–220]	170 [130–200]	130 [110–160]	0.1
0	1	0	0	7	13	8	3	24	31	13	110 [41–210]	69 [15–140]	120 [99–150]	110 [91–130]	1.1
1	23	1	6	15	9	10	8	3	20	4	600 [410–850]	720 [490–1 000]	350 [280–420]	390 [310–460]	2.8
0	0	0	0	2	33	29	3	10	15	7	19 [12–28]	3 [2–10]	10 [8–12]	9 [7–11]	...
0	0	0	0	1	52	23	2	10	10	2	21 [12–34]	8 [3–15]	15 [12–18]	14 [12–17]	...
1	2	0	0	1	36	11	11	7	24	7	47 [30–70]	23 [13–36]	26 [21–31]	25 [20–30]	...
0	7	0	0	20	20	8	2	11	27	5	20 [6–38]	36 [23–53]	23 [19–28]	18 [15–22]	...

## 2. Cause-specific mortality and morbidity

2014年  
18-50岁  
YVA, YOL  
81:4CL-3

Member State	Mortality										
	MDG 5 Maternal mortality ratio (per 100 000 live births)		Cause-specific mortality rate (per 100 000 population)			Age-standardized mortality rates by cause <sup>g</sup> (per 100 000 population)			Distribution of years of life lost by broader causes <sup>h</sup> (%)		
	Country reported estimates <sup>a</sup>	Inter-agency estimates <sup>b</sup>	HIV/AIDS <sup>c</sup>	MDG 6	MDG 6	Communicable	Non- communicable	Injuries	Communicable	Non- communicable	Injuries
				Malaria <sup>d</sup>	TB among HIV-negative people <sup>e</sup>						
2000–2009	2005	2007	2006	2008	2004			2004			
San Marino	0	...	...	...	0.0 [0.0–0.0]	17	357	18	5	87	9
Sao Tome and Principe	6	...	...	19	18 [7.4–34]	502	788	103	71	18	11
Saudi Arabia	15	18 [12–24]	...	0.0	1.2 [0.5–2.1]	98	678	76	24	49	27
Senegal	401	980 [590–1 400]	15	80	64 [24–120]	607	852	96	74	18	8
Serbia	6	...	<10	...	1.3 [0.4–2.8]	...	...	...	...	...	...
Seychelles	...	...	...	...	8.7 [3.2–17]	109	650	62	17	63	19
Sierra Leone	857	2 100 [880–3 700]	56	154	140 [52–260]	1 389	1 033	171	83	11	6
Singapore	8	14 [14–27]	<10	...	2.5 [1.1–4.1]	79	345	27	12	73	14
Slovakia	6	6 [6–12]	...	...	0.7 [0.3–1.3]	35	628	48	5	82	13
Slovenia	15	6 [6–12]	<10	...	0.8 [0.3–1.3]	31	480	57	4	80	16
Solomon Islands	236	220 [65–580]	...	30	19 [8.2–38]	237	694	36	50	41	9
Somalia	1 044	1 400 [550–2 700]	18	41	54 [22–100]	910	1 148	247	72	16	12
South Africa	124	400 [270–530]	721	0.3	39 [17–79]	965	867	159	69	19	12
Spain	4	4 [4–9]	5	...	1.0 [0.4–1.7]	24	379	30	7	81	12
Sri Lanka	17	58 [39–77]	...	0.0 <sup>k</sup>	9.6 [4.1–19]	113	681	458	8	30	62
Sudan	1 107	450 [160–1 000]	65	85	19 [8.2–38]	470	986	235	57	21	23
Suriname	184	72 [72–140]	...	4.9	29 [10–56]	174	728	87	31	52	17
Swaziland	589	390 [130–980]	876	0.1	31 [0.0–88]	1 497	707	122	83	10	7
Sweden	2	3 [3–7]	<10	...	0.4 [0.2–0.6]	22	372	32	5	83	12
Switzerland	1	5 [5–11]	<10	...	0.3 [0.1–0.5]	19	360	34	5	81	13
Syrian Arab Republic	58	130 [40–370]	...	0.0	2.3 [0.8–4.9]	66	679	46	25	59	15
Tajikistan	43	170 [53–460]	<10	0.0 <sup>k</sup>	44 [20–80]	310	884	34	72	23	5
Thailand	14	110 [70–140]	47	0.6	19 [8.2–38]	225	516	92	42	40	19
The former Yugoslav Republic of Macedonia	0	10 [10–20]	...	...	1.7 [0.6–3.3]	29	737	79	6	74	21
Timor-Leste	...	380 [150–700]	...	93	83 [36–160]	421	663	83	70	21	9
Togo	478	510 [290–750]	138	113	92 [32–180]	748	818	86	78	16	7
Tonga	37	...	...	...	3.0 [1.3–6.2]	174	658	28	31	61	8
Trinidad and Tobago	...	45 [45–89]	...	...	1.2 [0.6–2.1]	130	751	60	26	61	14
Tunisia	36	100 [27–380]	<10	...	1.8 [0.7–3.4]	195	537	53	41	44	15
Turkey	21	44 [29–58]	...	0.0 <sup>k</sup>	3.2 [1.2–6.8]	82	701	39	26	63	11
Turkmenistan	16	130 [37–400]	...	0.0	8.4 [4.1–15]	253	1 100	71	48	42	11
Tuvalu	0	...	...	...	11 [3.9–25]	275	979	71	30	59	11
Uganda	435	550 [350–770]	249	145	27 [10–55]	1 069	786	169	80	10	10
Ukraine	15	18 [18–36]	41	...	15 [7.1–26]	61	881	130	9	72	19
United Arab Emirates	0	37 [10–130]	...	...	0.3 [0.2–0.6]	79	410	37	18	53	28
United Kingdom	7	8 [8–15]	<10	...	0.7 [0.3–1.3]	37	441	26	7	84	9
United Republic of Tanzania	578	950 [620–1 300]	237	98	13 [6.1–22]	1 031	851	130	79	13	8
United States of America	13	11 [11–21]	7	...	0.3 [0.1–0.5]	36	450	50	9	73	18
Uruguay	...	20 [20–40]	<50	...	1.7 [0.7–3.3]	53	521	52	12	74	15
Uzbekistan	25	24 [24–49]	<10	0.0 <sup>k</sup>	27 [13–50]	164	880	49	48	42	10
Vanuatu	70	...	...	13	11 [4.9–23]	216	749	37	39	52	9
Venezuela (Bolivarian Republic of)	57	57 [57–110]	...	0.2	4.3 [1.8–8.6]	69	441	92	21	44	35
Viet Nam	75	150 [40–510]	27	0.2	34 [14–71]	170	611	64	39	46	15
Yemen	366	430 [150–900]	...	3.9	9.9 [4.3–20]	314	941	110	60	27	12
Zambia	591	830 [520–1 200]	470	121	18 [5.9–41]	1 602	833	125	85	9	6
Zimbabwe	725	880 [300–2 000]	1 049	10	54 [21–100]	2 598	816	147	85	8	6

Mortality											Morbidity				
Distribution of causes of death among children aged <5 years <sup>h,i</sup> (%)											MDG 6 Prevalence of tuberculosis <sup>j</sup> (per 100 000 population)		MDG 6 Incidence of tuberculosis <sup>j</sup> (per 100 000 population per year)		MDG 6 Prevalence of HIV among adults aged 15–49 years <sup>c</sup> (%)
HIV/AIDS	Diarrhoea	Measles	Malaria	Pneumonia	Prematurity	Birth asphyxia	Neonatal sepsis	Congenital abnormalities	Other diseases	Injuries	2000	2008	2000	2008	2007
0	0	0	0	0	0	0	0	0	100	0	9 [7–13]	0 [0–0]	4 [4–5]	0 [0–0]	...
0	15	1	1	26	12	8	5	4	26	3	150 [80–240]	150 [90–230]	110 [91–140]	99 [79–120]	...
0	5	0	0	10	31	6	1	19	19	8	36 [20–59]	12 [3–24]	27 [22–33]	19 [16–22]	...
1	15	3	19	18	10	8	5	3	17	2	460 [300–680]	560 [370–800]	240 [190–280]	280 [220–330]	1.0
0	0	0	0	6	39	12	1	22	15	3	...	7 [5–21]	...	18 [15–22]	0.1
0	0	0	0	10	37	6	0	14	29	4	41 [19–71]	75 [51–110]	37 [29–44]	32 [25–38]	...
1	21	5	13	20	8	6	4	1	19	3	820 [550–1 200]	1 200 [800–1 700]	380 [300–450]	610 [490–730]	1.7
0	0	0	0	13	25	1	3	35	19	5	32 [11–57]	27 [11–48]	49 [43–56]	39 [34–44]	0.2
0	0	0	0	11	28	4	1	29	19	8	12 [3–23]	6 [2–12]	22 [19–24]	12 [10–13]	<0.1
0	0	0	0	2	24	8	12	20	30	4	11 [3–22]	7 [2–13]	21 [19–24]	12 [10–13]	<0.1
0	4	1	6	26	18	6	2	6	29	3	360 [230–530]	150 [74–250]	180 [150–220]	120 [97–150]	...
0	22	5	6	19	8	8	5	3	21	2	610 [400–880]	460 [280–700]	290 [230–340]	290 [230–340]	0.5
46	9	0	0	9	12	7	2	3	10	2	470 [260–740]	610 [290–1 000]	580 [460–690]	960 [770–1 200]	18.1
0	0	0	0	2	17	7	4	30	34	6	15 [5–26]	8 [3–17]	23 [20–26]	17 [15–20]	0.5
0	3	1	0	10	22	8	1	19	19	16	85 [44–140]	73 [34–130]	66 [53–79]	66 [53–79]	...
2	11	0	25	16	18	7	2	4	13	3	150 [78–240]	160 [93–260]	120 [95–140]	120 [95–140]	1.4
2	6	0	1	10	22	10	6	12	23	8	160 [110–230]	270 [190–380]	79 [63–95]	130 [100–150]	2.4
49	8	0	0	12	8	5	3	3	12	1	530 [290–870]	770 [400–1 300]	800 [640–960]	1 200 [980–1 500]	26.1
0	1	0	0	2	12	10	3	33	34	3	3 [1–6]	3 [1–6]	5 [5–6]	6 [5–7]	0.1
0	0	0	0	1	23	10	3	28	30	5	3 [1–7]	1 [1–4]	9 [8–10]	5 [4–6]	0.6
0	5	0	0	11	26	5	1	22	23	7	18 [5–38]	15 [3–33]	35 [31–42]	22 [18–27]	...
0	19	0	0	21	15	9	5	4	24	3	210 [130–320]	330 [200–500]	120 [93–140]	200 [160–240]	0.3
2	2	0	1	10	30	11	2	21	17	5	210 [130–320]	160 [88–270]	140 [110–160]	140 [110–160]	1.4
0	3	0	0	5	44	10	2	25	6	3	40 [15–72]	7 [4–20]	41 [33–50]	24 [22–29]	<0.1
0	13	5	11	10	12	16	12	3	14	2	610 [310–1 000]	660 [350–1 100]	500 [400–600]	500 [400–600]	...
6	12	0	26	15	11	9	5	3	12	2	810 [560–1 100]	930 [640–1 300]	370 [300–450]	440 [350–530]	3.3
0	6	0	0	15	20	8	2	17	25	7	29 [15–46]	22 [8–41]	28 [24–33]	24 [19–28]	...
6	1	0	0	6	22	7	7	21	22	9	12 [5–20]	18 [9–29]	18 [15–20]	24 [21–27]	1.5
0	5	0	0	10	30	6	1	20	21	6	12 [4–26]	10 [4–21]	24 [22–29]	24 [22–29]	0.1
0	1	0	0	14	30	11	2	18	18	5	58 [30–96]	22 [4–45]	46 [37–55]	30 [24–36]	...
0	13	0	0	23	18	10	6	6	22	3	31 [15–69]	18 [12–69]	92 [90–110]	68 [54–81]	<0.1
0	1	0	0	16	17	8	2	14	34	7	190 [62–350]	44 [30–170]	210 [170–250]	160 [130–190]	...
5	16	2	22	14	7	7	5	2	16	4	380 [240–560]	340 [210–520]	340 [270–410]	310 [250–370]	5.4
1	1	0	0	4	11	7	2	28	32	13	57 [12–120]	76 [19–150]	84 [67–100]	100 [82–120]	1.6
0	1	0	0	5	31	6	1	29	20	7	5 [3–8]	7 [4–10]	4 [4–5]	4 [3–5]	...
0	0	0	0	3	36	7	1	26	23	4	8 [2–14]	5 [2–11]	12 [11–14]	12 [11–14]	0.2
9	12	0	16	14	10	10	8	3	16	3	180 [100–270]	130 [85–180]	240 [210–270]	190 [180–200]	6.2
0	0	0	0	3	30	5	3	23	26	11	4 [1–7]	3 [1–5]	7 [6–7]	5 [4–5]	0.6
0	2	0	0	7	20	4	6	28	22	11	18 [4–36]	12 [4–22]	24 [20–29]	22 [20–26]	0.6
0	12	0	0	21	22	10	5	8	20	3	200 [120–310]	190 [110–300]	130 [100–150]	130 [100–150]	0.1
0	7	1	2	23	20	7	1	8	26	4	79 [22–150]	88 [43–150]	98 [80–120]	74 [60–89]	...
0	7	0	0	10	23	9	8	19	14	9	29 [9–55]	34 [15–59]	34 [27–41]	33 [27–40]	...
3	2	2	0	10	27	10	2	19	20	5	290 [140–500]	280 [140–480]	200 [170–280]	200 [170–270]	0.5
0	20	1	0	18	17	12	5	5	19	3	140 [74–240]	78 [41–130]	120 [92–140]	60 [48–72]	...
12	15	1	15	15	7	7	6	2	17	3	350 [140–620]	260 [94–480]	600 [480–720]	470 [370–560]	15.2
21	9	8	3	13	12	8	4	3	16	2	470 [260–760]	790 [500–1 200]	680 [550–820]	760 [610–910]	15.3

## 2. Cause-specific mortality and morbidity

62+2>六九零  
376+6.18-50+45  
Y2M.Y014  
81:4CL-3

Member State	Mortality										
	MDG 5 Maternal mortality ratio (per 100 000 live births)		Cause-specific mortality rate (per 100 000 population)			Age-standardized mortality rates by cause <sup>g</sup> (per 100 000 population)			Distribution of years of life lost by broader causes <sup>h</sup> (%)		
	Country reported estimates <sup>a</sup>	Interagency estimates <sup>b</sup>	HIV/AIDS <sup>c</sup>	MDG 6 Malaria <sup>d</sup>	MDG 6 TB among HIV-negative people <sup>e</sup>	Communicable	Non- communicable	Injuries	Communicable	Non- communicable	Injuries
	2000–2009	2005	2007	2006	2008	2004			2004		

### RANGES OF COUNTRY VALUES

Minimum	0	1	3	0.0	0.0	14	284	18	3	8	3
Median	44	130	21	2.3	6.6	162	691	68	31	52	12
Maximum	1 600	2 100	1 049	229	140	2 598	1 309	486	87	87	62

### WHO REGION

African Region	...	900 [450–1 500]	174	104	51 [40–69]	978	841	126	80	13	7
Region of the Americas	...	99 [62–170]	12	0.5	3.4 [2.6–4.6]	91	499	66	25	55	20
South-East Asia Region	...	450 [290–630]	13	2.1	28 [18–47]	363	701	131	52	31	17
European Region	...	27 [17–64]	11	...	6.5 [5.1–8.8]	62	590	79	12	70	18
Eastern Mediterranean Region	...	420 [170–850]	5	7.5	19 [12–32]	308	790	109	56	30	15
Western Pacific Region	...	82 [40–170]	5	0.3	15 [9.4–26]	99	557	68	24	57	19

### INCOME GROUP

Low income	...	650 [350–1 000]	87	56	48 [39–61]	515	794	108	68	21	10
Lower middle income	...	180 [94–300]	11	9.7	22 [16–32]	125	675	104	29	49	22
Upper middle income	...	91 [65–150]	65	0.6	8.4 [6.4–11]	97	692	102	27	53	20
High income	...	9 [8–17]	4	...	1.0 [0.8–1.2]	32	408	43	8	77	15

GLOBAL	...	400 [220–650]	30	17	21 [17–27]	275	612	93	51	34	14
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Mortality											Morbidity						
Distribution of causes of death among children aged <5 years <sup>h,i</sup> (%)											MDG 6 Prevalence of tuberculosis <sup>j</sup> (per 100 000 population)		MDG 6 Incidence of tuberculosis <sup>j</sup> (per 100 000 population per year)		MDG 6 Prevalence of HIV among adults aged 15–49 years <sup>k</sup> (%)		
HIV/AIDS	Diarrhoea	Measles	Malaria	Pneumonia	Prematurity	Birth asphyxia	Neonatal sepsis	Congenital abnormalities	Other diseases	Injuries	2008		2000	2008	2000	2008	2007
0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	<0.1		
0	5	0	0	13	18	8	4	14	21	4	58	44	73	63	0.5		
49	29	9	29	33	52	29	16	48	100	22	1 000	1 200	800	1 200	26.1		
4	18	1	16	17	9	8	5	2	17	2	470 [420–530]	480 [430–560]	320 [300–330]	350 [330–370]	4.9		
1	7	0	0	12	22	8	5	16	23	6	42 [33–56]	25 [20–37]	40 [38–44]	31 [29–33]	0.5		
0	13	4	1	19	14	11	7	3	23	4	290 [220–390]	220 [160–330]	180 [160–210]	180 [160–210]	0.3		
0	5	0	0	14	20	9	3	17	25	6	53 [40–78]	39 [28–61]	57 [52–62]	48 [45–51]	0.5		
0	18	1	3	19	15	10	7	6	18	3	260 [200–350]	150 [110–220]	120 [100–130]	110 [99–130]	0.2		
0	4	0	0	18	16	14	2	10	26	9	220 [160–290]	110 [74–200]	120 [100–130]	110 [95–130]	0.1		
3	18	1	12	18	10	8	6	3	18	3	480 [440–540]	410 [370–470]	280 [270–290]	280 [270–300]	2.8		
1	14	2	7	19	13	10	6	4	21	3	250 [210–310]	180 [130–240]	150 [130–160]	150 [130–160]	0.4		
10	6	0	0	12	20	9	4	14	20	5	91 [72–120]	73 [53–110]	100 [93–110]	110 [97–120]	1.7		
0	1	0	0	4	27	6	2	25	25	9	11 [8–15]	8 [6–13]	17 [17–18]	14 [13–15]	0.4		
2	15	1	8	18	12	9	6	4	20	3	220 [190–260]	170 [150–210]	140 [130–140]	140 [130–150]	0.8		



## Selected infectious diseases

This section has been compiled from official national reports of case numbers for selected infectious diseases. Decisions on which diseases to include were made primarily on the basis of data availability. Where possible, a distinction is made between zero cases reported and no information available for a country. In isolation, the numbers given provide no indication of the relative risk of disease, nor of the quality of disease reporting in different countries. However, the section does give an indication of the current status of officially reported infectious disease data at the global level, and of the major reporting gaps. Given the variations in the methods countries use to obtain these numbers, no attempt has been made to calculate incidence or prevalence.

To interpret these numbers, both epidemiological patterns and data-collection efforts in specific countries must be considered. Some diseases (for example, malaria and yellow fever) are endemic to certain geographical regions, but are extremely rare elsewhere. Diseases such as plague are prone to outbreaks that can cause case numbers to fluctuate wildly over time. Some diseases are best tackled with preventive measures such as mass drug treatment, so reporting the number of cases is a lower priority than estimating the population at risk. For vaccine-preventable diseases, case numbers are affected by immunization rates. Diseases such as H5N1 influenza, Japanese encephalitis and malaria are difficult to identify without specialized laboratory tests that are often not available in developing countries. In many settings, cases of some diseases (such as malaria) are identified through clinical signs and symptoms alone.

Despite ongoing efforts to enhance disease surveillance and response, many countries face challenges in accurately identifying, diagnosing and reporting infectious diseases due to the remoteness of communities, lack of transport and communication infrastructures, and shortage of skilled health-care workers and laboratory facilities to ensure accurate diagnosis. No inference can be drawn from the figures shown about the efforts or progress that countries are making in controlling particular diseases.

Case numbers are also a poor indication of the burden of disease. Diseases such as H5N1 influenza and plague have high mortality rates, while diseases such as polio and leprosy have low mortality rates but result in a heavy loss of healthy years of life. Some diseases with very small initial case numbers can potentially cause devastating epidemics, and so mandatory reporting is essential. For diseases that are considered eradicable (such as leprosy and poliomyelitis) case reporting is essential to ensure that eradication efforts are targeted to the affected areas.

Some diseases are reported under the International Health Regulations, while others are monitored by countries or by WHO in the context of specific control programmes. Further information on disease incidence and prevalence, as well as on immunization coverage rates for vaccine-preventable diseases, can be obtained from the relevant WHO programme.

### 3. Selected infectious diseases

02+2>六九零  
2010年18-50+4/5  
Y2M.Y0124  
81:4CL-3

Member State	Number of reported cases							
	Cholera <sup>a</sup>	Diphtheria <sup>b</sup>	H5N1 influenza <sup>c</sup>	Japanese encephalitis <sup>b</sup>	Leprosy <sup>d</sup>	Malaria <sup>e</sup>	Measles <sup>b</sup>	Meningitis <sup>f</sup>
	2008		2009	2008				2009
Afghanistan	4 384	0	...	...	24	462 689	1 599	...
Albania	...	0	...	...	...	...	...	...
Algeria	...	0	...	0	0	11 964	217	...
Andorra	...	0	...	...	...	...	0	...
Angola	10 511	69	...	...	1 184	3 432 424	265	...
Antigua and Barbuda	...	0	...	...	...	...	0	...
Argentina	...	0	...	...	388	130	0	...
Armenia	...	0	...	...	...	471	0	...
Australia	...	0	...	1	11	...	65	...
Austria	...	0	...	0	...	...	448	...
Azerbaijan	...	3	...	0	...	73	5	...
Bahamas	...	0	...	...	...	14	0	...
Bahrain	...	0	...	0	0	...	2	...
Bangladesh	...	43	...	702	5 249	1 275 192	2 660	...
Barbados	...	0	...	...	...	...	0	...
Belarus	...	3	...	...	...	...	0	...
Belgium	...	0	...	0	...	...	98	...
Belize	...	0	...	...	...	...	0	...
Benin	985	...	...	0	298	...	928	377
Bhutan	...	0	...	...	18	121	7	...
Bolivia (Plurinational State of)	...	0	...	...	129	150 826	0	...
Bosnia and Herzegovina	...	0	...	0	...	...	8	...
Botswana	8	0	...	...	0	17 886	0	...
Brazil	...	85	...	...	38 914	315 642	0	...
Brunei Darussalam	...	0	...	0	2	...	3	...
Bulgaria	...	0	...	0	...	...	1	...
Burkina Faso	...	0	...	...	452	3 790 238	395	4 447
Burundi	234	0	...	0	275	2 039 353	173	...
Cambodia	...	7	1	372	306	58 887	4 211	...
Cameroon	...	...	...	...	406	1 650 749	495	...
Canada	1	4	...	...	...	...	61	...
Cape Verde	...	0	...	0	...	35	0	...
Central African Republic	...	...	...	...	141	152 260	12	289 <sup>j</sup>
Chad	...	...	...	...	549	478 987	63	1 460
Chile	...	0	...	...	...	...	0	...
China	174	0	7	2 975	1 614	135 467	131 441	...
Colombia	...	0	...	...	445	80 559	0	...
Comoros	4	...	...	0	336	...	0	...
Congo	156	0	...	0	217	...	2	...
Cook Islands	...	0	...	...	0	...	0	...
Costa Rica	...	0	...	...	3	966	0	...
Côte d'Ivoire	7	...	...	...	998	1 343 654	12	284
Croatia	...	0	...	0	...	...	51	...
Cuba	...	0	...	...	233	...	0	...
Cyprus	...	0	...	...	...	...	1	...
Czech Republic	...	0	...	1	...	...	2	...
Democratic People's Republic of Korea	...	0	...	124	...	...	82	...
Democratic Republic of the Congo	30 150	...	...	...	6 114	5 371 196	12 461	4 842 <sup>k</sup>
Denmark	1	0	...	...	...	...	14	...
Djibouti	...	0	...	0	0	3 528	143	...



Number of reported cases

Mumps <sup>b</sup>	Pertussis <sup>b</sup>	Plague <sup>c</sup>	Polio- myelitis <sup>b</sup>	Congenital rubella syndrome <sup>b</sup>	Rubella <sup>b</sup>	Neonatal tetanus <sup>b</sup>	Total tetanus <sup>b</sup>	Tuberculosis <sup>i</sup>	Yellow fever <sup>b</sup>
2008		2009		2008					
...	2 448	...	37	...	415	12	57	13 136	...
50	10	...	...	0	0	0	0	170	0
0	28	0	...	0	1 339	3	9	8 643	0
0	0	...	...	0	0	0	0	3	0
...	1 148	...	29	...	28	89	601	22 562	...
0	0	...	...	0	0	0	0	1	0
12 198	3 085	...	...	0	1 075	0	8	4 758	8
98	3	...	...	0	4	...	...	487	...
286	14 435	...	...	1	38	0	4	299	0
...	183	...	...	...	7	...	0	...	0
82	5	...	...	0	0	0	6	1 409	0
0	0	...	...	0	0	0	0	31	0
77	0	...	...	0	2	0	0	141	0
...	33	...	...	...	5 526	152	943	106 373	...
0	0	...	...	0	0	0	2	1	0
245	125	...	...	0	2	0	0	1 060	0
46	260	...	...	0	...	0	2	311	0
0	2	...	...	0	0	0	1	83	0
0	0	...	21	...	97	7	7	2 966	0
...	0	...	...	0	2	0	7	351	...
10 566	0	0	...	0	0	0	13	6 048	1
54	41	...	...	0	19	0	0	509	0
...	0	0	...	...	2	0	0	3 351	...
...	3 562	0	...	30	2 029	6	333	37 697	46
41	2	...	...	0	0	0	0	132	0
5 582	193	...	...	0	58	0	2	1 020	0
...	171	...	15	...	97	8	11	2 756	4
0	0	...	2	0	173	...	...	3 610	0
...	1 212	...	...	...	4 211	34	324	19 860	...
...	...	...	3	...	78	43	65	14 232	2
748	1 961	...	...	0	5	0	1	488	1
13	0	...	...	...	9 648	0	2	197	0
...	...	...	14	...	28	25	25	4 232	5
...	...	...	64	...	...	163	163	3 309	0
1 243	969	...	...	3	15	0	8	1 114	0
310 826	2 387	12	...	...	120 354	1 786	1 786	462 596	...
5 930	408	...	...	0	2	3	45	7 196	3
...	...	...	...	...	...	3	3	77	0
0	0	...	...	0	21	3	3	3 371	0
0	0	...	...	0	0	0	0	2	...
0	2 024	...	...	0	0	0	1	287	0
...	...	...	27	...	113	15	15	15 294	14
110	102	...	...	0	1	0	1	328	0
11	0	...	...	0	0	0	3	498	0
3	3	...	...	0	0	0	0	6	0
403	767	...	...	0	14	0	0	251	0
67	395	...	...	0	82	0	0	28 026	0
...	3 190	618	5	...	969	737	1 252	69 477	113
24	105	...	...	0	2	0	1	106	...
...	0	...	...	...	118	0	0	1 375	0

Table 3

### 3. Selected infectious diseases

02+2>六九零  
3264618-50+4/5  
Y2M.Y014-  
81:4CL-3

Member State	Number of reported cases							
	Cholera <sup>a</sup>	Diphtheria <sup>b</sup>	H5N1 influenza <sup>c</sup>	Japanese encephalitis <sup>b</sup>	Leprosy <sup>d</sup>	Malaria <sup>e</sup>	Measles <sup>b</sup>	Meningitis <sup>f</sup>
	2008		2009	2008				2009
Dominica	...	0	...	...	...	...	0	...
Dominican Republic	...	3	...	...	154	1 262	0	...
Ecuador	...	0	...	...	83	4 891	0	...
Egypt	...	0	39	...	797	80	668	...
El Salvador	...	0	...	...	5	33	0	...
Equatorial Guinea	...	...	...	...	27	63 147	436	...
Eritrea	1	...	...	...	...	10 572	0	...
Estonia	...	0	...	0	...	...	0	...
Ethiopia	3 862	...	...	...	4 170	2 532 645	3 511	114 <sup>l</sup>
Fiji	...	0	...	0	4	...	0	...
Finland	1	0	...	0	...	...	5	...
France	2	5	...	0	...	...	604	...
Gabon	2	...	...	...	24	187 714	3	...
Gambia	1	0	...	0	...	508 846	0	...
Georgia	...	7	...	0	...	8	56	...
Germany	...	0	...	...	...	...	917	...
Ghana	1 223	...	...	...	557	3 200 147	82	288 <sup>k</sup>
Greece	...	0	...	...	...	...	1	...
Grenada	...	0	...	...	...	...	0	...
Guatemala	...	0	...	...	3	43 244	0	...
Guinea	513	0	...	0	664	422 180	89	161 <sup>m</sup>
Guinea-Bissau	14 323	0	...	0	78	148 542	12	...
Guyana	...	0	...	...	28	11 815	0	...
Haiti	...	10	...	...	52	36 774	0	...
Honduras	...	0	...	...	1	8 225	0	...
Hungary	...	0	...	0	...	...	0	...
Iceland	...	0	...	0	...	...	0	...
India	2 680	6 081	...	294	134 184	95 734 579	48 181	...
Indonesia	1 007	219	20	...	17 441	2 106 957	15 369	...
Iran (Islamic Republic of)	72	52	...	...	35	11 371	127	...
Iraq	925	6	...	0	0	5	5 494	...
Ireland	...	0	...	0	...	...	57	...
Israel	...	0	...	...	...	...	931	...
Italy	...	...	...	...	...	...	1 617	...
Jamaica	...	0	...	...	4	22	2	...
Japan	...	0	...	3	3	...	11 015	...
Jordan	...	0	...	0	0	...	2	...
Kazakhstan	1	5	...	0	...	...	20	...
Kenya	3 091	...	...	...	167	839 904	1 282	...
Kiribati	...	0	...	0	42	...	0	...
Kuwait	...	...	...	...	0	...	...	...
Kyrgyzstan	...	0	...	0	...	18	16	...
Lao People's Democratic Republic	201	2	...	...	93	18 566	174	...
Latvia	...	28	...	0	...	...	3	...
Lebanon	...	0	...	0	1	...	24	...
Lesotho	...	0	...	0	7	...	0	...
Liberia	1 236	...	...	...	777	726 905	1	...
Libyan Arab Jamahiriya	...	0	...	0	5	...	8	...
Lithuania	...	4	...	0	...	...	1	...
Luxembourg	...	0	...	0	...	...	1	...

Number of reported cases

Mumps <sup>b</sup>	Pertussis <sup>b</sup>	Plague <sup>c</sup>	Polio- myelitis <sup>b</sup>	Congenital rubella syndrome <sup>b</sup>	Rubella <sup>b</sup>	Neonatal tetanus <sup>b</sup>	Total tetanus <sup>b</sup>	Tuberculosis <sup>i</sup>	Yellow fever <sup>b</sup>
2008		2009		2008					
0	0	...	...	0	0	0	0	3	0
0	11	...	...	0	0	2	66	2 458	0
0	125	0	...	0	0	2	13	3 380	0
50	0	...	...	...	1 097	36	189	5 102	...
313	5	...	...	0	0	0	1	985	0
...	...	...	...	...	2	4	4	541	10
2 071	30	...	...	...	...	1	8	839	...
14	485	...	...	0	4	0	0	144	0
...	...	...	1	...	191	66	66	40 794	0
0	0	...	...	0	0	0	0	78	0
5	511	...	...	0	0	...	...	104	0
...	...	...	...	...	...	...	8	1 222	0
...	...	...	...	...	55	6	6	1 502	0
0	0	...	...	0	0	0	0	1 300	0
76	129	...	...	0	188	0	4	1 868	0
...	...	...	...	1	...	...	...	954	0
...	...	...	...	...	459	8	8	7 904	0
5	22	...	...	0	0	0	7	80	0
0	0	...	...	0	0	0	2	5	0
627	60	...	...	0	0	1	2	2 070	0
0	0	...	42	...	88	28	28	6 561	5
0	0	...	...	0	0	0	11	1 223	0
0	0	...	...	0	0	0	0	320	0
38	696	...	...	0	0	16	16	8 171	...
219	224	...	...	0	0	1	12	1 897	0
14	33	...	...	0	0	0	4	346	0
0	2	...	...	0	1	0	0	2	0
...	44 180	0	723	...	...	811	3 714	615 977	...
...	...	0	...	...	340	183	183	166 376	0
...	605	...	...	0	14	4	10	4 722	...
1 876	2 311	...	...	...	110	9	18	3 150	0
1 388	102	...	...	0	42	0	2	123	0
11	2 169	...	...	0	5	0	0	173	0
896	174	...	...	...	4 847	...	...	938	...
0	0	...	...	0	0	0	1	78	0
65 361	6 753	...	...	0	303	...	123	8 995	0
193	0	...	...	0	1	0	0	104	0
240	45	0	...	1	3 350	0	2	6 193	0
...	...	0	18	...	1 280	30	30	36 811	0
0	0	...	...	0	0	0	0	147	0
...	...	...	...	...	...	...	...	345	...
436	45	...	...	0	4	0	0	1 712	0
...	26	0	...	...	45	5	12	3 079	...
6	14	...	...	0	9	0	0	400	0
229	50	...	...	0	18	0	2	158	0
...	0	...	...	...	0	0	0	3 862	0
...	...	...	11	...	40	8	8	3 038	1
464	22	5	...	0	1	0	0	871	0
82	51	...	...	0	0	0	0	884	0
26	2	...	...	0	0	0	0	0	0

Table 3

### 3. Selected infectious diseases

02+2>六九零  
2014.18.50+4/5  
Y2M.Y014-1  
81:4CL-3

Member State	Number of reported cases							
	Cholera <sup>a</sup>	Diphtheria <sup>b</sup>	H5N1 influenza <sup>c</sup>	Japanese encephalitis <sup>b</sup>	Leprosy <sup>d</sup>	Malaria <sup>e</sup>	Measles <sup>b</sup>	Meningitis <sup>f</sup>
	2008		2009	2008				2009
Madagascar	...	...	...	...	1 763	352 520	3	...
Malawi	831	0	...	...	...	4 986 779	20	...
Malaysia	...	4	...	17	218	588 489	334	...
Maldives	...	0	...	...	6	...	0	...
Mali	153	0	...	...	...	...	98	309
Malta	...	0	...	0	...	...	1	...
Marshall Islands	...	...	...	...	46	...	...	...
Mauritania	...	0	...	...	...	201 044	4	...
Mauritius	...	0	...	0	...	...	12	...
Mexico	1	0	...	...	143	2 357	0	...
Micronesia (Federated States of)	...	...	...	...	124	...	...	...
Monaco	...	...	...	...	...	...	...	...
Mongolia	...	0	...	0	0	...	31	...
Montenegro	...	0	...	0	...	...	0	...
Morocco	...	0	...	...	53	142	1 455	...
Mozambique	9 087	0	...	0	1 313	4 831 491	4	...
Myanmar	45	3	...	5	3 365	948 937	333	...
Namibia	3 496	0	...	0	...	119 711	0	...
Nauru	...	0	...	0	2	...	0	...
Nepal	...	149	...	329	4 708	255 543	2 089	...
Netherlands	5	0	...	...	...	...	109	...
New Zealand	...	...	...	...	...	...	...	...
Nicaragua	...	0	...	...	1	764	0	...
Niger	972	0	...	...	486	2 033 971	1 317	13 405
Nigeria	5 410	...	...	...	4 899	2 834 174	9 960	56 047
Niue	...	0	...	0	0	...	0	...
Norway	...	0	...	0	...	...	4	...
Oman	...	0	...	0	2	965	18	...
Pakistan	...	32	...	...	447	4 554 247	1 129	...
Palau	...	0	...	0	5	...	0	...
Panama	...	0	...	...	0	744	0	...
Papua New Guinea	...	...	...	2	422	1 606 843	0	...
Paraguay	...	0	...	...	487	1 341	0	...
Peru	...	0	...	...	13	...	0	...
Philippines	...	65	...	34	2 373	23 655	341	...
Poland	...	...	...	...	...	...	...	...
Portugal	...	0	...	...	...	...	1	...
Qatar	...	...	...	...	38	...	...	...
Republic of Korea	...	0	...	6	7	1 052	1	...
Republic of Moldova	...	0	...	0	...	...	0	...
Romania	...	0	...	0	...	...	12	...
Russian Federation	...	50	...	0	...	...	27	...
Rwanda	23	...	...	...	34	771 753	6	...
Saint Kitts and Nevis	...	0	...	...	...	...	0	...
Saint Lucia	...	0	...	...	5	...	0	...
Saint Vincent and the Grenadines	...	0	...	...	...	...	0	...
Samoa	...	...	...	...	6	...	...	...
San Marino	...	...	...	...	...	...	...	...
Sao Tome and Principe	119	0	...	0	0	1 647	0	...
Saudi Arabia	...	0	...	0	23	1 491	158	...

Number of reported cases

Mumps <sup>b</sup>	Pertussis <sup>b</sup>	Plague <sup>c</sup>	Polio- myelitis <sup>b</sup>	Congenital rubella syndrome <sup>b</sup>	Rubella <sup>b</sup>	Neonatal tetanus <sup>b</sup>	Total tetanus <sup>b</sup>	Tuberculosis <sup>i</sup>	Yellow fever <sup>b</sup>
2008		2009		2008					
...	...	289	...	...	73	8	227	15 391	...
...	0	0	...	...	105	5	5	7 627	...
...	11	...	...	...	...	13	29	10 441	0
114	0	...	...	...	...	0	0	53	0
0	41	...	2	...	33	6	11	4 734	0
7	1	...	...	0	3	0	0	15	0
...	...	...	...	...	...	...	...	28	...
...	0	...	9	...	10	2	2	1 605	0
3	0	...	...	0	3	0	0	85	0
7 475	162	...	...	1	46	1	45	11 903	0
...	...	...	...	...	...	...	...	38	...
...	...	...	...	...	...	...	...	...	...
560	0	0	...	0	167	0	1	1 838	0
15	5	...	...	...	0	0	0	65	0
...	74	...	...	...	...	8	27	11 825	...
0	0	0	...	0	166	11	11	18 824	0
...	5	0	...	...	5	25	147	41 248	...
0	15	0	...	0	0	11	1	4 828	3
0	0	...	...	0	0	0	0	2	0
...	2 297	...	...	...	781	53	308	14 640	...
...	8 661	...	...	0	2	...	...	189	0
...	...	...	...	...	...	...	...	101	...
108	25	...	...	...	0	0	2	1 394	0
...	1 199	...	15	...	55	16	136	5 853	0
...	13 240	...	537	...	422	721	721	46 026	0
0	0	...	...	0	0	0	0	...	0
16	3 893	...	...	0	1	0	2	53	0
995	58	...	...	1	4	0	2	171	0
...	169	...	87	...	...	809	984	100 102	...
0	0	...	...	0	0	0	0	...	0
0	108	...	...	0	0	0	5	829	0
...	...	...	...	...	4	...	...	2 323	...
70	7	...	...	0	0	1	14	1 345	28
0	59	25	...	0	0	2	42	17 989	15
...	46	...	...	...	280	132	813	85 025	0
...	...	...	...	...	...	...	...	2 650	...
140	69	...	...	0	4	0	1	1 053	...
...	...	...	...	...	...	...	...	201	...
4 474	7	...	...	...	31	...	14	11 048	0
29 783	30	...	...	0	1	0	0	1 533	0
2 302	51	...	...	0	1 746	0	11	9 511	0
1 535	3 557	...	...	5	9 618	0	11	33 949	0
...	...	...	...	...	35	1	1	4 173	...
0	0	...	...	0	0	0	0	5	0
73	0	...	...	0	0	0	0	18	0
0	0	...	...	0	0	0	0	11	0
...	53	...	...	...	...	...	...	6	...
...	...	...	...	...	48	...	...	...	...
0	0	...	...	0	0	0	0	52	0
31	30	...	...	0	15	13	17	2 108	0

Table 3

### 3. Selected infectious diseases

62+2>六九零  
3264618-50+4/5  
Y2M.Y014-4  
81:4CL-3

Member State	Number of reported cases							
	Cholera <sup>a</sup>	Diphtheria <sup>b</sup>	H5N1 influenza <sup>c</sup>	Japanese encephalitis <sup>b</sup>	Leprosy <sup>d</sup>	Malaria <sup>e</sup>	Measles <sup>b</sup>	Meningitis <sup>f</sup>
	2008		2009	2008			2009	
Senegal	1 283	...	...	...	257	701 460	4	...
Serbia	...	0	...	0	...	...	2	...
Seychelles	...	0	...	0	...	...	0	...
Sierra Leone	62	...	...	...	...	932 819	44	...
Singapore	...	0	...	1	10	...	18	...
Slovakia	...	0	...	0	...	...	0	...
Slovenia	...	0	...	0	...	...	0	...
Solomon Islands	...	0	...	0	17	102 140	0	...
Somalia	1 281	...	...	...	125	24 016	1 081	...
South Africa	3 907	...	...	...	...	7 796	39	...
Spain	5	0	...	...	...	...	297	...
Sri Lanka	...	0	...	118	1 979	670	33	...
Sudan	17 241	38	...	...	1 901	3 073 996 <sup>n</sup>	129	...
Suriname	...	0	...	...	40	28 137	0	...
Swaziland	1	0	...	0	...	5 881	1	...
Sweden	...	0	...	0	...	...	25	...
Switzerland	...	0	...	0	...	...	2 022	...
Syrian Arab Republic	...	0	...	0	5	51	19	...
Tajikistan	...	2	...	...	...	158 068	0	...
Thailand	436	7	...	70	401	26 150	7 016	...
The former Yugoslav Republic of Macedonia	...	0	...	...	...	...	27	...
Timor-Leste	...	0	...	0	154	143 594	0	...
Togo	397	...	...	...	...	898 112	187	289
Tonga	...	0	...	0	0	...	0	...
Trinidad and Tobago	...	0	...	...	14	...	0	...
Tunisia	...	0	...	...	1	...	2	...
Turkey	...	0	...	...	...	...	4	...
Turkmenistan	...	11	...	...	...	0	0	...
Tuvalu	...	0	...	0	0	...	0	...
Uganda	3 726	...	...	...	345	11 029 571	1 319	...
Ukraine	...	61	...	0	...	...	48	...
United Arab Emirates	...	0	...	0	10	...	55	...
United Kingdom	8	5	...	0	...	...	1 445	...
United Republic of Tanzania	2 911	0	...	...	3 276	9 611	3 413	...
United States of America	5	0	...	...	150	...	140	...
Uruguay	...	0	...	...	10	...	0	...
Uzbekistan	...	0	...	0	...	27	2	...
Vanuatu	...	0	...	...	0	17 398	0	...
Venezuela (Bolivarian Republic of)	...	0	...	...	586	32 037	0	...
Viet Nam	853	17	5	17	530	51 668	352	...
Yemen	...	5	...	...	471	158 648	7	...
Zambia	2 061	3	...	0	...	3 080 301	140	...
Zimbabwe	60 055	0	...	...	...	1 003 846	0	...

Number of reported cases

Mumps <sup>b</sup>	Pertussis <sup>b</sup>	Plague <sup>c</sup>	Polio- myelitis <sup>b</sup>	Congenital rubella syndrome <sup>b</sup>	Rubella <sup>b</sup>	Neonatal tetanus <sup>b</sup>	Total tetanus <sup>b</sup>	Tuberculosis <sup>i</sup>	Yellow fever <sup>b</sup>
2008		2009			2008				
...	45	...	...	...	161	16	252	7 584	0
277	6	...	...	0	23	0	5	1 172	0
0	0	...	...	0	0	0	0	4	0
...	...	...	12	...	44	12	67	5 826	111
801	33	...	...	2	181	0	0	525	0
5	105	...	...	0	0	0	0	126	0
32	181	...	...	0	0	0	1	81	0
0	0	...	...	0	0	0	0	140	0
...	697	...	...	...	...	86	86	6 520	...
...	...	...	...	...	...	1	1	138 803	...
3 816	563	...	...	1	70	0	15	2 333	0
778	9	...	...	0	79	1	29	4 683	...
...	34	...	45	...	150	172	173	10 800	...
0	0	...	...	0	0	0	1	68	0
1 058	0	...	...	0	26	0	0	3 105	0
52	459	...	...	0	0	0	0	97	0
...	...	...	...	0	12	0	1	64	0
561	59	...	...	0	5	4	8	1 116	0
1 171	7	...	...	0	124	0	2	2 057	...
13 445	18	...	...	...	540	5	137	28 788	...
5 865	0	...	...	...	14	0	0	188	0
0	0	...	...	0	0	1	9	867	0
...	156	...	6	...	136	5	5	2 234	2
0	0	...	...	0	0	0	1	11	0
0	0	...	...	0	0	0	0	169	0
...	12	...	...	...	156	0	5	1 005	...
9 514	25	...	...	...	159	7	19	6 993	...
241	0	...	...	0	0	...	0	1 331	...
0	0	...	...	0	0	0	0	9	0
...	...	...	8	...	...	100	1 646	22 766	0
1 985	1 025	...	...	0	3 495	0	17	14 574	0
477	51	...	...	...	70	0	3	50	0
2 625	1 028	...	...	0	31	0	5	1 286	0
71	0	2	...	...	0	6	...	24 171	...
451	13 213	7	...	0	16	0	0	4 742	0
641	128	...	...	0	0	0	2	424	0
1 862	31	...	...	0	24	0	0	5 117	0
0	0	...	...	...	...	0	0	45	...
1 007	0	...	...	0	0	0	0	3 344	0
...	280	0	...	...	873	34	221	53 484	...
5 191	1 229	...	...	...	187	46	46	3 540	0
13 728	162	0	...	0	257	13	16	13 211	0
...	0	0	...	...	63	1	1	9 830	...

Table 3

# 3. Selected infectious diseases

62+2>六九零  
376+618-50+45  
Y2M.Y014  
81:4CL-3

Member State	Number of reported cases							
	Cholera <sup>a</sup>	Diphtheria <sup>b</sup>	H5N1 influenza <sup>c</sup>	Japanese encephalitis <sup>b</sup>	Leprosy <sup>d</sup>	Malaria <sup>e</sup>	Measles <sup>b</sup>	Meningitis <sup>f</sup>
	2008		2009	2008			2009	

## RANGES OF COUNTRY VALUES

Minimum	1	0	1	0	0	0	0	114
Median	417	0	7	0	53	61 017	4	309
Maximum	60 055	6 081	39	2 975	134 184	95 734 579	131 441	56 047

## WHO REGION

African Region	160 801	...	...	...	29 814	60 731 835	37 010	82 312
Region of the Americas	...	102	...	...	41 891	719 783	203	...
South-East Asia Region	4 168	6 502	...	1 642	167 505	100 491 743	75 770	...
European Region	...	184	...	1	...	...	8 883	...
Eastern Mediterranean Region	...	133	...	...	3 938	8 291 229	12 120	...
Western Pacific Region	1 228	95	13	3 428	5 835	2 604 165	147 986	...

## INCOME GROUP

Low income	143 948	241	...	...	36 975	54 504 086	38 174	...
Lower middle income	38 739	6 651	...	3 493	170 514	117 031 249	222 431	...
Upper middle income	...	182	...	...	41 197	1 395 416	744	...
High income	28	14	...	...	297	...	20 623	...

<b>GLOBAL</b>	190 130	7 088	...	5 071	248 983	172 997 420	281 972	...
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Number of reported cases

Mumps <sup>b</sup>	Pertussis <sup>b</sup>	Plague <sup>e</sup>	Polio- myelitis <sup>b</sup>	Congenital rubella syndrome <sup>b</sup>	Rubella <sup>b</sup>	Neonatal tetanus <sup>b</sup>	Total tetanus <sup>b</sup>	Tuberculosis <sup>i</sup>	Yellow fever <sup>b</sup>
2008		2009		2008					
0	0	0	1	0	0	0	0	0	0
51	27	0	15	0	5	0	3	1 338	0
310 826	44 180	618	723	30	120 354	1 786	3 714	615 977	113
...	19 425	...	841	...	16 297	2 182	5 428	595 184	270
41 718	26 834	32	...	34	3 188	35	639	119 810	102
...	46 937	0	723	...	...	1 231	5 477	1 007 382	...
71 139	25 278	...	...	8	23 932	7	129	105 240	0
...	7 849	...	169	...	2 363	1 199	1 627	166 542	...
382 349	25 245	12	...	...	126 487	2 004	3 328	660 252	...
...	14 395	...	282	...	16 837	1 749	6 162	635 689	...
...	65 995	12	1 451	...	137 441	4 837	9 586	1 656 197	...
54 991	14 755	...	...	40	19 583	55	660	322 047	75
83 380	56 423	...	...	6	5 761	17	220	40 477	11
536 698	151 568	958	1 733	...	179 622	6 658	16 628	2 654 410	...



## Health service coverage

Health service coverage indicators reflect the extent to which people in need actually receive important health interventions. Such interventions include the provision of skilled care to women during pregnancy and childbirth; reproductive-health services; immunization to prevent common childhood infections; vitamin A supplementation in children; and the treatment of disease in children, adolescents and adults.

This section therefore presents data on the following MDG indicators: antenatal care coverage; births attended by skilled health personnel; measles immunization coverage among 1-year-olds; children aged <5 years sleeping under insecticide-treated nets; children aged <5 years with fever who received treatment with any antimalarial; unmet need for family planning; contraceptive prevalence; antiretroviral therapy coverage among people with advanced HIV infection; smear-positive tuberculosis case-detection rate; and smear-positive tuberculosis treatment-success rate.

Data are also presented on births by caesarean section; neonates protected at birth against neonatal tetanus; 1-year-olds immunized against diphtheria, tetanus and pertussis (DTP3), hepatitis B (HepB3), and *Haemophilus influenzae* type B (Hib3); vitamin A supplementation in children; children aged <5 years with acute respiratory infection (ARI) symptoms taken to a health facility; children aged <5 with diarrhoea receiving oral rehydration therapy (ORT); and HIV-infected pregnant women receiving antiretroviral therapy for the prevention of mother-to-child transmission (PMTCT) of HIV.

Coverage indicators are typically calculated by dividing the number of people receiving a defined intervention by the population eligible for – or in need of – the intervention. For example, immunization coverage among 1-year-old children can be calculated from the number of children having received a specific vaccine divided by the total population of children aged one in each country (Figure 10 and Box 3). For indicators on antenatal care, births attended by skilled health personnel and births by caesarean section, the denominator is the total number of live births in the defined population.

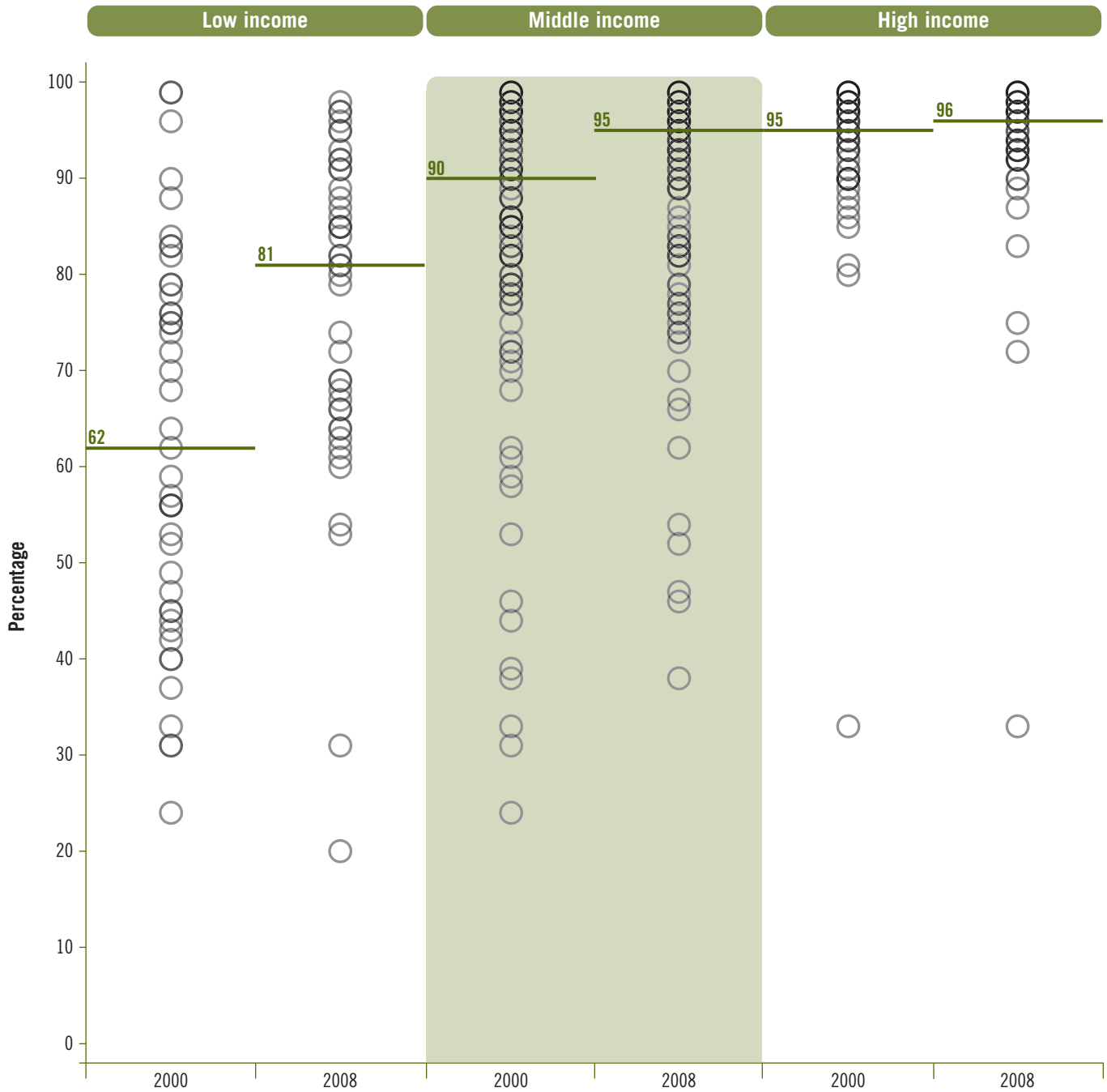
The main sources of data on health service coverage are household surveys and completed questionnaires on health service use. The principal types of surveys used are the UNICEF Multiple Indicator Cluster Survey (MICS), the Demographic and Health Survey (DHS) and country health and economic surveys. Another source of data is the administrative records of routine service provision, which provide data on the numerator. The denominator is estimated on the basis of census projections.

It should be borne in mind that administrative records tend to overestimate coverage as a result of double counting in the numerator and uncertainty in the denominator. Although household surveys are generally considered to be more reliable, these are subject to respondent reporting errors as well as to margins of uncertainty due to sampling errors. In generating global estimates, it is good practice to reconcile data from multiple sources in order to maximize the accuracy of all estimates.

Unavoidable differences in terminology also occur from country to country making standardization difficult. For example, there are significant variations across countries in the precise skills and training of health workers grouped as “skilled birth attendants”. Indicator definitions may also change over time. As a result of these and other issues, there may be limitations on the comparability of results across countries and over time.

Regional aggregates are not available for several coverage indicators, reflecting both the limited availability of data for several indicators, and the fact that some conditions (such as malaria) are not of public health significance in all countries.

Figure 10: Immunization (DTP3) coverage among 1-year-olds by country-income group – 2000 and 2008



Note: Solid horizontal lines indicate the median.

**Box 3: Trends in immunization coverage**

In Figure 10, each circle represents a country (note that circles may overlap). From the data presented, three major conclusions emerge:

Low-income countries demonstrated substantial increases in DPT3 immunization coverage between 2000 and 2008 – median immunization coverage rose from 62% to 81% over the 8-year period and by 2008, one quarter of all low-income countries had achieved coverage levels of 91% or higher.

Despite these gains, immunization coverage in low-income countries remains significantly below the levels in middle-income and high-income countries – in 2008, median coverage was 95% and 96% respectively in such countries, compared with 81% in low-income countries.

There are wide variations in immunization coverage levels within the middle-income and low-income country groups – with levels in 2008 ranging from as low as 20% up to 99% (representing a five-fold difference). Improvements in the level of immunization coverage must continue to be achieved in a number of countries if such wide variations are to be reduced and median levels of coverage increased.

# 4. Health service coverage

02+2+2+2+2+2  
18:50+5/5  
Y2A,Y012+1  
81:4CL-3

Member State	MDG 5 Antenatal care coverage (%)		MDG 5 Births attended by skilled health personnel <sup>b</sup> (%)		Births by caesarean section <sup>b</sup> (%)	Neonates protected at birth against neonatal tetanus <sup>c</sup> (%)			Immunization coverage among 1-year-olds <sup>d</sup> (%)									
	At least 1 visit <sup>a</sup>	At least 4 visits <sup>b</sup>	1990–1999	2000–2008		2000–2008	1990	2000	2008	MDG 4 Measles			DTP3			HepB3		Hib3
	2000–2009	1990			2000					2008	1990	2000	2008	2000	2008	2000	2008	
Afghanistan	16	...	...	14	...	13	32	83	20	35	75	25	31	85	...	85	...	...
Albania	97	41	89	100	24.3	30	86	87	88	95	98	94	97	99	96	99	...	...
Algeria	89	41	77	95	...	75	64	71	83	80	88	89	92	93	...	91	...	93
Andorra	...	...	...	...	...	...	...	...	...	97	98	...	98	99	84	91	90	98
Angola	80	...	23	47 <sup>m</sup>	...	34	60	79	38	41	79	24	31	81	...	83	...	83
Antigua and Barbuda	100	...	100	100	...	...	...	...	89	95	99	99	95	99	...	99	...	99
Argentina	99	89	97	99	...	...	...	...	93	91	99	87	83	96	...	92	83	96
Armenia	93	71	93	98	9.0	...	...	...	...	92	94	...	93	89	55	89	...	...
Australia	...	...	99	99 <sup>o</sup>	30.8	...	...	...	86	91	94	95	90	92	...	94	90	94
Austria	...	...	100	...	25.8	...	...	...	60	75	83	90	81	83	33	83	72	83
Azerbaijan	77	45	100	89 <sup>m</sup>	4.7	...	...	...	...	67	66	...	73	70	...	46	...	...
Bahamas	98	...	99	99	...	71	85	90	86	93	90	86	99	93	...	90	90	94
Bahrain	...	...	98	99	...	48	77	63	87	98	99	94	97	97	97	97	97	97
Bangladesh	51	21	14 <sup>p</sup>	18 <sup>m</sup>	3.5	70	89	91	65	76	89	69	83	95	...	95	...	...
Barbados	100	...	100	100	...	...	...	...	87	94	92	91	93	93	...	93	...	93
Belarus	99	...	100	100 <sup>m</sup>	19.5	...	...	...	...	98	99	...	99	97	70	98	...	6
Belgium	...	...	99 <sup>o</sup>	...	...	...	...	...	85	82	93	93	95	99	60	98	86	98
Belize	94	...	79	96 <sup>m</sup>	...	88	85	88	86	96	96	91	91	94	76	94	...	94
Benin	84	61	64 <sup>m</sup>	78 <sup>m</sup>	3.6	48	87	92	79	72	61	74	79	67	...	67	...	67
Bhutan	88	...	15	51	...	63	85	89	93	76	99	96	92	96	98	96	...	...
Bolivia (Plurinational State of)	77	58	47 <sup>m</sup>	66	14.6	23	67	74	53	81	86	41	80	83	80	83	80	83
Bosnia and Herzegovina	99	...	99	100 <sup>m</sup>	...	...	...	...	...	80	84	...	85	91	...	88	...	83
Botswana	97	97	...	94 <sup>n</sup>	7.7	59	80	85	87	91	94	92	97	96	86	93	...	...
Brazil	98	88	97 <sup>r</sup>	97	41.3	63	92	92	78	99	99	66	98	97	94	96	90	97
Brunei Darussalam	...	...	99	100	...	40	77	65	99	99	97	93	99	99	99	99	...	99
Bulgaria	...	...	99	99	23.6	...	...	...	99	89	96	99	93	95	94	96	...	...
Burkina Faso	85	18	42	54	0.7	55	57	79	79	51	75	66	49	79	...	79	...	79
Burundi	92	79	...	34	...	67	51	78	74	76	84	86	76	92	...	92	...	92
Cambodia	69	27	34	44	1.8	11	58	87	34	65	89	38	59	91	...	91	...	...
Cameroon	82	60	55	63	2.0	19	54	86	56	49	80	48	53	84	...	84	...	...
Canada	...	...	98	100	26.3	...	...	...	89	95	94	88	91	94	...	14	86	94
Cape Verde	98	72	89 <sup>n</sup>	78 <sup>p</sup>	10.7	75	60	78	79	78	96	88	86	98	...	91	...	...
Central African Republic	69	...	46	54 <sup>r</sup>	...	69	36	86	82	36	62	82	37	54	...	...	...	...
Chad	39	18	12	14	0.4	14	39	58	32	28	23	20	24	20	...	10	...	10
Chile	...	...	100	100	30.7	...	...	...	97	97	92	95	91	96	...	96	91	96
China	91	...	89	98	23.0	...	...	...	98	85	94	97	85	97	72	95	...	...
Colombia	94	83	93 <sup>r</sup>	96 <sup>r</sup>	26.7	45	70	78	82	80	92	88	79	92	78	92	65	92
Comoros	75	...	52	62 <sup>r</sup>	...	78	57	83	87	70	76	94	70	81	...	81	...	...
Congo	86	75	...	86 <sup>m</sup>	3.2	60	67	82	75	34	79	79	33	89	...	89	...	...
Cook Islands	...	...	100	100	...	...	...	...	67	76	95	93	97	99	97	99	...	...
Costa Rica	90	...	97	94	...	...	...	...	90	82	91	95	88	90	89	89	92	87
Côte d'Ivoire	85	45	45	57	6.4	36	76	92	56	73	63	54	72	74	...	74	...	...
Croatia	...	...	100	100	16.2	...	...	...	...	93	96	...	93	96	...	97	...	96
Cuba	100	...	100	100	28.5	...	...	...	94	94	99	92	95	99	98	99	78	99
Cyprus	...	...	...	100	...	...	...	...	77	86	87	93	97	97	89	93	32	90
Czech Republic	...	...	100	100	18.4	...	...	...	...	98	97	...	98	99	...	99	...	99
Democratic People's Republic of Korea	...	95	...	97	...	90	81	91	98	78	98	98	56	92	...	92	...	...
Democratic Republic of the Congo	85	47	70	74	4.0	53	45	75	38	46	67	35	43	69	...	69	...	...
Denmark	...	...	...	...	20.3	...	...	...	84	99	89	90	97	75	...	...	95	75
Djibouti	92	7	...	93 <sup>r</sup>	10.0	80	46	79	85	50	73	85	46	89	...	88	...	89

Children aged 6–59 months who received vitamin A supplementation <sup>a</sup> (%)	Children aged <5 years (%)				MDG 5 Unmet need for family planning <sup>a</sup> (%)	MDG 5 Contra- ceptive prevalence <sup>a</sup> (%)	Antiretroviral therapy coverage (%)		MDG 6 Smear-positive tuberculosis case-detection rate <sup>a</sup> (%)		MDG 6 Smear-positive tuberculosis treatment-success rate <sup>a</sup> (%)	
	MDG 6 Sleeping under insecticide-treated nets <sup>f</sup>	MDG 6 With fever who received treatment with any antimalarial <sup>f</sup>	With ARI symptoms taken to facility <sup>e</sup>	With diarrhoea receiving ORT <sup>e</sup>			Among HIV-infected pregnant women (PMTCT) <sup>b</sup>	MDG 6 Among people with advanced HIV infection <sup>c</sup>	2000	2008	2000	2007
					2000–2008	2000–2008						
...	6	8	...	...	...	18.6	...	...	18 [15–22]	61 [51–76]	85	87
8.0	...	...	45.3	89.1	1.3	60.1 <sup>l</sup>	...	...	64 [53–73]	90 [75–100]	...	85
...	...	...	52.6	26.6	...	61.4 <sup>l</sup>	...	[1–9]	20 [10–36]	100 [86–130]	87	90
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	50	100
...	17	28	...	...	...	6.2 <sup>l</sup>	19 [12–37]	25 [11–35]	46 [38–57]	77 [64–91]	68	74
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	100	50
...	...	...	...	...	...	65.3 <sup>n</sup>	... [>95–>95]	73 [57–>95]	57 [47–71]	72 [60–90]	47	62
...	...	...	31.9	41.9	13.3	53.1 <sup>l</sup>	... [9–40]	12 [8–17]	93 [78–120]	71 [59–89]	87	70
...	...	...	...	...	...	70.8 <sup>n</sup>	...	...	87 [77–100]	87 [77–100]	72	85
...	...	...	...	...	...	...	...	...	87 [77–100]	...	73	...
...	1	1	32.5	31.3	22.7	51.1 <sup>l</sup>	... [25–>95]	14 [6–24]	33 [27–41]	48 [40–60]	90	58
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	...	63
...	...	...	...	...	...	...	...	...	80 [67–100]	86 [72–100]	73	14
...	...	...	57.2	81.2	17.1	55.8	... [5–15]	7 [4–12]	25 [21–31]	61 [51–76]	81	92
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	...	100
...	...	...	89.5	84.9	...	72.6 <sup>l</sup>	...	20 [14–29]	110 [92–120]	83 [69–100]	...	74
...	...	...	...	...	...	74.6 <sup>n</sup>	...	...	87 [77–100]	87 [77–100]	66	68
23.8	...	...	70.9	60.6	...	34.3 <sup>l</sup>	... [20–68]	49 [32–76]	78 [65–97]	120 [100–150]	78	46
...	20	54	35.7	30.1	29.9	17.0 <sup>l</sup>	40 [26–86]	49 [41–60]	73 [61–91]	67 [56–84]	...	87
...	...	...	...	...	...	30.7	... [86–>95]	...	50 [42–63]	64 [53–75]	90	93
23.5	...	...	50.9	43.6	22.7	60.6 <sup>l</sup>	... [6–21]	22 [16–30]	75 [62–94]	77 [64–96]	79	85
...	...	...	91.3	64.8	...	35.7 <sup>l</sup>	...	...	85 [71–110]	69 [58–77]	94	97
...	...	...	...	...	...	44.4	>95 [75–>95]	79 [69–91]	66 [55–78]	57 [48–72]	77	73
28.3	...	...	49.7	51.3	...	...	...	80 [69–>95]	70 [58–87]	75 [63–91]	71	72
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	63	76
...	...	...	...	...	...	...	...	...	220 [190–250]	100 [86–110]	...	79
67.1	10	48	38.5	23.3	28.8	17.4 <sup>l</sup>	20 [13–39]	35 [29–43]	12 [10–15]	15 [12–19]	60	72
...	8	30	37.8	36.5	29.0	19.7	9 [6–21]	23 [18–31]	...	29 [24–37]	80	86
...	4	0	45.4	35.8	25.1	40.0 <sup>l</sup>	... [35–>95]	67 [57–80]	44 [37–55]	56 [47–70]	91	94
57.7	13	58	34.8	19.2	20.2	29.2 <sup>l</sup>	28 [20–53]	25 [21–32]	35 [29–44]	93 [78–120]	77	76
...	...	...	...	...	...	74.0 <sup>n</sup>	...	...	87 [77–100]	87 [77–100]	35	64
...	...	...	51.4	99.8	16.7	61.3	...	...	...	48 [40–60]	64	...
60.2	15	57	31.8	34.3	...	19.0 <sup>l</sup>	23 [16–44]	21 [18–27]	...	68 [57–85]	58	67
34.3	1	32	6.5	17.7	23.3	2.8 <sup>l</sup>	5 [3–9]	13 [9–18]	...	19 [16–23]	...	...
...	...	...	...	...	...	64.2 <sup>l,s</sup>	... [32–>95]	82 [64–>95]	77 [64–96]	100 [86–130]	82	85
...	...	...	...	...	2.3	86.9 <sup>l</sup>	...	19 [12–29]	31 [26–39]	72 [60–90]	93	94
...	...	...	...	55.4	5.8	78.2 <sup>l</sup>	... [8–24]	38 [26–53]	87 [72–110]	79 [66–99]	80	77
...	9	63	...	...	...	25.7 <sup>l</sup>	... [0–0]	...	51 [42–63]	52 [44–65]	93	93
...	6	48	47.5	27.0	16.2	44.3 <sup>l</sup>	10 [7–20]	17 [14–21]	92 [77–110]	56 [46–69]	69	...
...	...	...	...	...	...	...	...	...	0 [0–0]	100 [85–130]	...	100
...	...	...	...	...	...	...	... [13–50]	>95 [64–>95]	120 [97–150]	110 [88–130]	57	88
54.8	6	36	35.1	32.6	...	12.9 <sup>l</sup>	41 [28–83]	28 [23–35]	31 [26–39]	42 [35–53]	57	73
...	...	...	...	...	...	...	...	...	...	87 [77–100]	...	61
...	...	...	...	...	...	72.6 <sup>l</sup>	... [34–>95]	>95 [>95–>95]	96 [80–100]	130 [110–170]	93	92
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	...	...
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	70	72
...	...	...	...	...	...	68.6 <sup>l</sup>	...	0	43 [36–54]	70 [59–80]	82	87
...	6	30	...	44.9	24.4	20.6 <sup>l</sup>	5 [4–10]	24 [20–29]	49 [40–61]	66 [55–83]	78	87
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	86	79
17.9	1	10	...	71.0	...	17.8	6 [4–13]	16 [12–21]	56 [46–63]	47 [39–59]	62	81

Table 4

# 4. Health service coverage

02+2+六九  
 2004年18-50岁  
 2004年18-50岁  
 81:4CL-3

Member State	MDG 5 Antenatal care coverage (%)		MDG 5 Births attended by skilled health personnel <sup>b</sup> (%)		Births by caesarean section <sup>b</sup> (%)	Neonates protected at birth against neonatal tetanus <sup>c</sup> (%)			Immunization coverage among 1-year-olds <sup>d</sup> (%)									
	At least 1 visit <sup>a</sup>	At least 4 visits <sup>b</sup>	1990–1999	2000–2008		2000–2008	1990	2000	2008	MDG 4 Measles			DTP3			HepB3		Hib3
					1990					2000	2008	1990	2000	2008	2000	2008	2000	2008
	2000–2009	1999	2008	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	2000	2008	2000	2008	
Dominica	100	...	100	94	...	...	...	...	88	99	99	92	99	96	...	96	...	96
Dominican Republic	99	95	96 <sup>m</sup>	98 <sup>m</sup>	41.9	60	48	86	70	84	79	69	68	77	68	88	...	79
Ecuador	84	57 <sup>t</sup>	99 <sup>m</sup>	99 <sup>m</sup>	25.8	82	42	73	60	72	66	68	78	75	38	75	...	75
Egypt	74	65	46	79	27.6	74	80	85	86	98	92	87	98	97	93	97	...	...
El Salvador	94	79	52	84 <sup>o</sup>	22.0	37	83	87	98	97	95	80	99	94	99	94	...	94
Equatorial Guinea	86	37	...	63 <sup>r</sup>	...	58	61	69	88	51	51	77	33	33	...	...	...	...
Eritrea	70	41	21	28 <sup>p</sup>	2.7	...	80	86	...	86	95	...	88	97	...	97	...	97
Estonia	...	...	100	100	19.0	...	...	...	...	93	95	...	93	95	...	94	...	95
Ethiopia	28	12	...	6	1.0	24	54	84	38	52	74	49	56	81	...	81	...	81
Fiji	...	...	99	99	7.1	5	84	94	84	85	94	97	89	99	95	99	86	99
Finland	...	...	100	100	16.1	...	...	...	97	96	97	90	99	99	...	...	96	98
France	...	...	99	...	18.8	...	...	...	71	84	87	94	97	98	26	29	86	87
Gabon	94	63	...	86	5.6	84	39	73	76	55	55	78	38	38	...	38	...	...
Gambia	98	...	...	57 <sup>m</sup>	...	85	92	91	86	92	91	92	74	96	87	99	74	96
Georgia	94	75	96	98	13.0	...	...	...	...	73	96	...	80	92	55	89	...	...
Germany	...	...	...	100 <sup>u</sup>	27.8	...	...	...	75	93	95	80	90	90	84	90	94	93
Ghana	90	78	44	57	6.9	60	69	86	61	84	86	58	84	87	...	87	...	87
Greece	...	...	...	...	...	...	...	...	76	89	99	54	89	99	89	95	89	83
Grenada	100	...	100	99	...	...	...	...	85	92	99	80	97	99	...	99	33	99
Guatemala	84	66	35	41	11.4	44	67	71	68	86	96	66	84	85	...	85	...	85
Guinea	88	49	31	38 <sup>r</sup>	1.7	27	79	96	35	42	64	17	45	66	...	71	...	...
Guinea-Bissau	78	62	...	39 <sup>r</sup>	...	40	49	94	53	71	76	61	42	63	...	...	...	...
Guyana	81	...	93	83 <sup>m</sup>	...	56	82	90	73	86	95	83	88	93	...	93	...	93
Haiti	85	54	21 <sup>m</sup>	26 <sup>m</sup>	3.0	39	41	50	31	55	58	41	45	53	...	...	...	...
Honduras	92	81	55	67 <sup>m</sup>	13.0	60	93	94	90	98	95	84	95	93	95	93	95	93
Hungary	...	...	99	100	28.0	...	...	...	99	99	99	99	99	99	...	...	99	99
Iceland	...	...	...	...	15.6	...	...	...	99	91	96	99	98	98	...	...	98	98
India	74	37	42 <sup>p</sup>	47 <sup>m</sup>	8.5	81	85	86	56	54	70	70	58	66	...	21	...	...
Indonesia	93	81	43	73 <sup>p</sup>	4.1	64	82	79	58	72	83	60	75	77	65	78	...	...
Iran (Islamic Republic of)	98	94	...	97	...	71	82	83	85	99	98	91	99	99	99	99	...	...
Iraq	84	...	...	89	...	70	75	69	75	87	69	83	78	62	67	58	...	...
Ireland	...	...	100	100	25.4	...	...	...	78	79	89	65	86	93	...	...	85	93
Israel	...	...	...	...	19.1	...	...	...	91	97	84	93	96	93	97	96	94	93
Italy	...	68	...	99 <sup>o</sup>	37.4	...	...	...	43	74	91	83	87	96	94	96	55	96
Jamaica	91	...	95	97 <sup>r</sup>	...	...	51	58	74	88	88	86	86	87	...	89	...	87
Japan	...	...	100	100	...	...	...	...	73	96	97	90	85	98	...	...	...	...
Jordan	99	94	97	99	18.5	49	44	87	87	94	95	92	91	97	93	97	...	97
Kazakhstan	100	...	100	100 <sup>m</sup>	10.0	...	...	...	...	99	99	...	97	99	99	99	...	49
Kenya	92	52	44	42	4.0	60	68	78	78	75	90	84	75	85	...	85	...	85
Kiribati	...	...	85	90	...	...	...	...	75	80	72	97	90	82	90	83	...	83
Kuwait	...	...	98	100	13.9	51	77	84	66	99	99	71	98	99	95	99	98	99
Kyrgyzstan	97	...	98	98 <sup>m</sup>	5.1	...	...	...	...	98	99	...	99	95	44	97	...	...
Lao People's Democratic Republic	35	...	7	20 <sup>m</sup>	...	12	58	47	32	42	52	18	53	61	...	61	...	...
Latvia	...	...	100	100	21.1	...	...	...	...	97	97	...	96	97	95	96	79	96
Lebanon	96	76	89	98	23.1	...	...	...	61	79	53	82	86	74	86	74	...	74
Lesotho	90	70	40	55 <sup>p</sup>	5.1	...	73	83	80	74	85	82	82	83	...	85	...	...
Liberia	79	66	...	46 <sup>m</sup>	3.5	33	51	91	...	63	64	...	47	64	...	64	...	64
Libyan Arab Jamahiriya	...	...	94	100	...	...	...	...	89	92	98	84	94	98	92	98	...	98
Lithuania	...	...	100	100	19.2	...	...	...	...	97	97	...	94	96	99	96	2	96
Luxembourg	...	...	...	100	24.0	...	...	...	80	91	96	90	98	99	49	94	91	98



Children aged 6–59 months who received vitamin A supplementation <sup>a</sup> (%)	Children aged <5 years (%)				MDG 5 Unmet need for family planning <sup>a</sup> (%)	MDG 5 Contra- ceptive prevalence <sup>a</sup> (%)	Antiretroviral therapy coverage (%)		MDG 6 Smear-positive tuberculosis case-detection rate <sup>a</sup> (%)		MDG 6 Smear-positive tuberculosis treatment-success rate <sup>a</sup> (%)		
	MDG 6 Sleeping under insecticide-treated nets <sup>f</sup>	MDG 6 With fever who received treatment with any antimalarial <sup>f</sup>	With ARI symptoms taken to facility <sup>e</sup>	With diarrhoea receiving ORT <sup>e</sup>			Among HIV-infected pregnant women (PMTCT) <sup>b</sup>	MDG 6 Among people with advanced HIV infection <sup>c</sup>	2000	2008	2000	2007	
	2000–2008	2000–2008		2000–2008		2000–2007	2000–2008	2008	2007	2000	2008	2000	2007
...	...	...	...	...	...	...	...	...	...	60 [50–75]	...	67	
...	...	...	67.3	46.3	11.4	72.9 <sup>l</sup>	...	[37–>95]	38 [31–48]	59 [49–73]	60 [50–75]	70	78
...	...	...	...	...	7.4	72.7	...	[24–81]	42 [25–71]	69 [57–86]	62 [52–78]	...	75
12.4	...	...	73.0	28.4	10.3	60.3 <sup>l</sup>	...	[1–3]	9 [7–13]	61 [52–74]	78 [67–95]	87	89
...	...	...	...	...	8.9	72.5 <sup>l</sup>	...	[23–69]	51 [9–74]	82 [68–100]	90 [75–100]	79	91
...	42	16	...	...	...	10.1 <sup>l</sup>	40 [25–76]	31 [23–43]	...	87 [77–100]	...	...	60
38.0	4	4	43.6	55.7	27.0	8.0 <sup>l</sup>	29 [16–59]	13 [9–20]	34 [29–43]	32 [26–40]	76	88	
...	...	...	...	...	...	...	...	...	84 [70–100]	88 [73–100]	70	61	
45.8	33	10	18.7	27.5	33.8	14.7 <sup>l</sup>	18 [12–35]	29 [25–36]	33 [27–41]	32 [27–40]	80	84	
...	...	...	...	...	...	...	...	[17–75]	...	52 [44–65]	95 [79–120]	85	81
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	...	...	70
...	...	...	...	...	...	81.8 <sup>l</sup>	...	...	87 [77–100]	87 [77–100]	...	...	...
...	...	...	47.7	35.4	28.0	32.7 <sup>l</sup>	35 [22–70]	42 [30–60]	...	54 [45–67]	...	...	36
80.1	49	63	68.9	48.2	...	17.5	...	[18–64]	18 [12–37]	...	54 [45–67]	...	84
...	...	...	73.6	50.1	16.3	47.3	...	[78–>95]	...	39 [32–45]	130 [110–140]	63	77
...	...	...	...	...	...	...	...	...	...	87 [77–100]	77	77	
...	28	24	60.4	51.9	34.0	23.5	39 [26–78]	15 [13–19]	32 [27–40]	30 [25–38]	50	84	
...	...	...	...	...	...	76.2 <sup>n,v</sup>	...	...	87 [77–100]	87 [77–100]	...	...	...
...	...	...	...	...	...	...	...	...	0 [0–0]	210 [170–260]	...	...	100
...	...	...	...	...	27.6	43.3 <sup>l</sup>	...	[9–29]	37 [28–51]	48 [40–60]	43 [36–53]	86	84
68.2	1	44	42.0	36.6	21.2	9.1 <sup>l</sup>	22 [15–45]	27 [21–37]	42 [35–53]	40 [33–50]	68	79	
58.6	39	46	4.3	46.3	...	10.3 <sup>l</sup>	20 [12–39]	20 [13–30]	38 [32–47]	62 [52–78]	...	...	71
...	6	1	64.1	51.7	...	34.2 <sup>l</sup>	...	[85–>95]	45 [33–61]	27 [22–34]	66 [55–83]	55	71
...	...	5	31.5	43.8	37.5	32.0 <sup>l</sup>	46 [29–92]	41 [33–51]	45 [37–56]	60 [50–75]	71	82	
...	...	1	53.9	55.7	16.9	65.2 <sup>l</sup>	...	[27–94]	47 [29–71]	84 [70–95]	72 [60–89]	86	85
...	...	...	...	...	...	...	...	[2–8]	22 [13–38]	87 [77–100]	87 [77–100]	64	51
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	100	86	
...	...	12	67.3	26.0	12.8	56.3	...	[13–42]	...	45 [34–51]	70 [53–80]	34	87
...	3	1	...	46.1	9.1	61.4 <sup>l</sup>	...	[4–15]	15 [8–28]	28 [23–35]	80 [67–100]	87	91
...	...	...	...	...	...	73.3 <sup>n</sup>	...	[3–10]	5 [4–7]	61 [51–76]	78 [65–97]	85	83
2.0	0	1	81.6	30.7	...	49.8 <sup>l</sup>	...	...	48 [40–61]	39 [33–49]	92	86	
...	...	...	...	...	...	75.0 <sup>l,n</sup>	...	...	87 [77–100]	87 [77–100]	84	70	
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	78	77	
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	74	...	
...	...	...	75.1	...	11.7	69.0	...	[70–>95]	43 [32–60]	95 [79–120]	78 [65–98]	45	56
...	...	...	...	...	...	54.3	...	...	87 [77–100]	87 [77–100]	45	46	
...	...	...	75.0	24.9	11.9	57.1 <sup>l</sup>	...	...	86 [72–100]	91 [76–100]	90	77	
...	...	...	70.5	74.0	...	50.7 <sup>l</sup>	...	[>95–>95]	23 [14–36]	99 [82–110]	74 [62–87]	79	69
33.3	39	24	49.1	29.2	24.5	39.3	56 [37–>95]	38 [31–48]	53 [44–66]	68 [57–85]	80	85	
...	...	...	...	...	...	36.1 <sup>n</sup>	...	...	31 [26–39]	86 [72–89]	91	93	
...	...	...	...	...	...	...	...	...	87 [77–100]	87 [77–100]	69	79	
47.0	...	...	62.1	20.4	...	47.8 <sup>l</sup>	...	[5–19]	14 [8–26]	57 [47–68]	65 [54–81]	82	85
18.1	18	9	32.3	50.5	39.5	32.2	...	[8–28]	>95 [59–>95]	35 [29–44]	67 [56–84]	77	92
...	...	...	...	...	...	...	...	[56–>95]	15 [9–22]	94 [78–100]	120 [97–120]	72	82
...	...	...	...	...	...	58.0	...	...	26 [11–45]	91 [76–100]	91 [76–100]	92	90
54.6	...	...	58.8	75.2	30.9	37.3	57 [43–94]	26 [21–33]	68 [57–73]	69 [58–75]	...	...	67
...	3	59	62.2	58.1	35.6	11.4	14 [9–29]	17 [9–23]	27 [22–34]	51 [43–64]	80	71	
...	...	...	...	...	...	...	...	...	68 [57–85]	83 [69–100]	...	...	67
...	...	...	...	...	...	...	...	[>95–>95]	18 [8–31]	85 [71–95]	120 [100–140]	73	70
...	...	...	...	...	...	...	...	...	87 [77–100]	...	...	...	...

Table 4

# 4. Health service coverage

02+2+六九一零  
31:4CL-3  
2011年10月14日  
18:50:45

Member State	MDG 5 Antenatal care coverage (%)		MDG 5 Births attended by skilled health personnel <sup>b</sup> (%)		Births by caesarean section <sup>b</sup> (%)	Neonates protected at birth against neonatal tetanus <sup>c</sup> (%)			Immunization coverage among 1-year-olds <sup>d</sup> (%)									
	At least 1 visit <sup>a</sup>	At least 4 visits <sup>b</sup>	1990–1999	2000–2008		2000–2008	1990	2000	2008	MDG 4 Measles			DTP3			HepB3		Hib3
					1990					2000	2008	1990	2000	2008	2000	2008	2000	2008
	2000–2009	1990	2000–2008	2000–2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	2000	2008	2000	2008	
Madagascar	80	40	47	51 <sup>r</sup>	1.0	45	58	76	47	56	81	46	57	82	...	82	...	13
Malawi	92	57	50	54	3.1	81	84	87	81	73	88	87	75	91	...	91	...	91
Malaysia	79	...	81	100	...	82	88	87	70	88	95	90	95	90	94	90	...	90
Maldives	81	91	...	84	...	86	95	95	96	99	97	94	98	98	96	98	...	...
Mali	70	35	40 <sup>q</sup>	49 <sup>q</sup>	1.6	45	50	92	43	49	68	42	40	68	...	68	...	68
Malta	...	...	...	100 <sup>u</sup>	34.3	...	...	...	80	74	78	63	94	72	...	59	93	72
Marshall Islands	81	...	95	95	...	...	...	...	52	94	94	92	39	93	36	93	45	83
Mauritania	75	16	40	61 <sup>m</sup>	3.2	24	44	77	38	62	65	33	40	74	...	74	...	...
Mauritius	...	...	99	99 <sup>o</sup>	37.0	61	79	87	76	84	98	85	88	99	88	99	...	99
Mexico	94	...	74	94	36.1	59	81	87	75	96	96	53	97	98	97	98	97	98
Micronesia (Federated States of)	...	...	93	88	...	...	...	...	81	85	92	85	85	79	87	90	75	79
Monaco	...	...	...	...	...	...	...	...	99	99	99	99	99	99	99	99	99	99
Mongolia	99	...	99	99	...	...	...	...	92	92	97	84	95	96	93	96	...	96
Montenegro	97	...	...	99 <sup>r</sup>	11.4	...	...	...	...	...	89	...	...	95	...	93	...	93
Morocco	68	31	40	63	5.4	66	86	86	79	93	96	81	95	99	43	97	...	99
Mozambique	89	53	44 <sup>p</sup>	48 <sup>p</sup>	1.9	37	75	83	59	71	77	46	68	72	...	72	...	...
Myanmar	76	66 <sup>w</sup>	46	57	...	62	79	93	68	84	82	88	82	85	...	84	...	...
Namibia	95	70	68	81	12.7	...	74	82	...	69	73	...	79	83	...	...	...	...
Nauru	95	...	...	97	...	...	...	...	...	8	99	74	44	99	58	99	...	...
Nepal	44	29	9 <sup>p</sup>	19	2.7	35	67	81	57	71	79	43	72	82	...	82	...	...
Netherlands	...	...	100	100	13.7	...	...	...	94	96	96	97	97	97	...	...	96	97
New Zealand	...	...	93 <sup>o</sup>	94 <sup>o</sup>	23.7	...	...	...	90	85	86	90	90	89	90	90	90	86
Nicaragua	90	78	61	74	19.6	39	83	80	82	86	99	70	83	96	83	96	83	96
Niger	46	15	18	18	1.0	17	63	84	25	34	80	22	31	66	...	...	...	...
Nigeria	58	45	42 <sup>m</sup>	39 <sup>m</sup>	1.8	32	57	64	54	35	62	56	24	54	...	41	...	...
Niue	...	...	100	100	...	...	...	...	99	99	99	99	99	99	99	99	99	99
Norway	...	...	...	...	16.6	...	...	...	87	88	93	86	90	94	...	...	93	94
Oman	100	83	91	98	...	93	94	91	98	99	99	98	99	92	99	92	...	92
Pakistan	61	28	19 <sup>p</sup>	39 <sup>m</sup>	7.3	50	71	80	50	56	85	54	61	73	...	73	...	...
Palau	...	...	100	100	...	...	...	...	98	83	97	99	96	92	96	92	96	92
Panama	...	...	86	91	...	...	...	...	73	97	85	86	98	82	...	83	...	83
Papua New Guinea	79	...	47	39 <sup>o</sup>	4.7	78	24	61	67	62	54	68	59	52	57	56	...	...
Paraguay	96	79	61	77	26.9	66	47	74	69	92	77	67	86	76	...	76	...	76
Peru	91	87	56	73 <sup>m</sup>	15.8	19	66	67	64	97	90	72	91	99	...	99	38	99
Philippines	91	78	56	62	9.5	57	55	58	85	80	92	88	79	91	19	88	...	...
Poland	...	...	100	100	...	...	...	...	95	97	98	96	98	99	99	98	...	88
Portugal	...	...	100	100	34.0	...	...	...	85	87	97	89	96	97	58	97	86	97
Qatar	...	...	99	100	...	...	...	...	79	91	92	82	80	94	89	94	80	94
Republic of Korea	...	...	100	100	37.7	...	...	...	93	95	92	74	97	94	93	94	...	...
Republic of Moldova	98	89	99 <sup>o</sup>	100 <sup>m</sup>	8.5	...	...	...	...	89	94	...	95	95	92	98	...	...
Romania	94	76	99 <sup>o</sup>	99	21.4	...	...	...	92	98	97	96	99	97	98	99	...	...
Russian Federation	...	...	99	100	17.2	...	...	...	...	97	99	...	97	98	...	98	...	...
Rwanda	96	13	26	52 <sup>p</sup>	2.9	85	81	85	83	74	92	84	90	97	...	97	...	97
Saint Kitts and Nevis	100	...	100	100	...	...	...	...	99	99	99	99	99	99	99	98	12	97
Saint Lucia	99	...	100	98	...	...	...	...	82	88	99	89	70	96	...	96	...	96
Saint Vincent and the Grenadines	95	...	100	100	...	...	...	...	96	96	99	98	99	99	...	99	...	99
Samoa	...	...	100	100	...	...	...	...	89	93	45	90	99	46	96	38	...	32
San Marino	...	...	...	...	...	...	...	...	...	74	73	99	96	87	94	87	92	87
Sao Tome and Principe	98	...	...	81	...	...	...	...	71	69	93	92	82	99	...	99	...	...
Saudi Arabia	...	...	91	96	11.6	...	...	...	88	94	97	92	95	98	93	98	...	98

Children aged 6–59 months who received vitamin A supplementation <sup>a</sup> (%)	Children aged <5 years (%)				MDG 5 Unmet need for family planning <sup>a</sup> (%)	MDG 5 Contra- ceptive prevalence <sup>a</sup> (%)	Antiretroviral therapy coverage (%)		MDG 6 Smear-positive tuberculosis case-detection rate <sup>a</sup> (%)		MDG 6 Smear-positive tuberculosis treatment-success rate <sup>a</sup> (%)					
	MDG 6 Sleeping under insecticide-treated nets <sup>f</sup>	MDG 6 With fever who received treatment with any antimalarial <sup>f</sup>	With ARI symptoms taken to facility <sup>e</sup>	With diarrhoea receiving ORT <sup>e</sup>			Among HIV-infected pregnant women (PMTCT) <sup>b</sup>	MDG 6 Among people with advanced HIV infection <sup>c</sup>	2000	2008	2000	2007				
					2000–2008	2000–2008							2000–2008	2000–2007	2000–2008	2008
76.2	60	34	47.9	42.7	23.6	27.1 <sup>l</sup>	...	[1]	4	[3–7]	...	57	[47–71]	70	80	
68.5	25	24	51.8	55.3	27.6	41.0 <sup>l</sup>	...	[41–>95]	35	[29–42]	38	[32–48]	37	[31–46]	73	85
...	...	...	...	...	...	...	...	[10–39]	35	[24–49]	65	[54–81]	76	[64–95]	78	72
...	...	...	...	...	...	39.0 <sup>l</sup>	...	[0–0]	...	...	67	[56–83]	86	[71–91]	97	68
...	27	32	38.1	24.3	31.2	8.2 <sup>l</sup>	...	[17–54]	41	[32–51]	14	[12–18]	21	[17–26]	...	78
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	100	75
...	...	...	...	...	...	...	...	...	...	...	17	[14–22]	44	[37–45]	91	96
55.5	2	21	44.5	30.5	31.6	9.3 <sup>lv</sup>	...	[5–29]	23	[13–40]	40	[33–49]	28	[23–35]	...	66
...	...	...	...	...	3.5	75.8	...	[8–37]	22	[14–32]	71	[59–89]	54	[45–68]	93	85
...	...	...	...	...	12.0	70.9 <sup>l</sup>	...	[5–16]	57	[40–80]	66	[55–82]	100	[87–110]	76	84
...	...	...	...	...	...	...	...	...	...	...	22	[19–28]	75	[62–93]	93	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
64.7	...	...	62.6	62.8	4.6	66.0 <sup>l</sup>	...	[0–0]	...	...	57	[48–72]	69	[57–83]	87	89
...	...	...	89.4	98.1	...	39.4 <sup>l</sup>	...	...	...	...	...	120	[100–130]	...	79	
25.5	...	...	37.8	28.0	10.0	63.0 <sup>l</sup>	...	[9–33]	31	[21–44]	97	[81–110]	96	[80–110]	89	86
49.8	7	23	55.4	54.1	18.4	16.5	42	[26–93]	24	[20–31]	45	[38–56]	47	[39–59]	75	79
...	...	...	...	...	19.1	37.0	...	[14–65]	15	[11–20]	19	[16–24]	43	[35–53]	82	85
...	...	14	71.5	69.3	6.7	55.1	91	[63–>95]	88	[73–>95]	77	[64–87]	71	[59–85]	56	82
...	...	...	...	...	...	35.6 <sup>l</sup>	...	...	...	...	180	[150–200]	340	[290–430]	25	100
...	...	...	34.3	29.3	24.6	48.0	...	[2–6]	7	[5–11]	71	[59–89]	64	[54–80]	84	88
...	...	...	...	...	...	67.0	...	...	...	...	87	[77–100]	87	[77–100]	76	79
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	30	86
65.3	...	2	57.7	54.1	7.5	72.4 <sup>l</sup>	...	[65–>95]	30	[11–43]	76	[63–95]	94	[78–110]	82	86
...	7	33	47.2	26.2	15.8	11.2 <sup>l</sup>	...	[19–67]	10	[7–13]	33	[27–41]	40	[34–50]	65	79
25.8	6	33	45.4	31.2	16.9	14.7 <sup>l</sup>	10	[7–18]	26	[17–36]	12	[10–15]	24	[20–29]	79	82
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	88.4 <sup>lv</sup>	...	...	...	...	87	[77–100]	87	[77–100]	70	79
...	...	...	...	...	...	...	...	[11–44]	...	...	95	[79–100]	95	[79–100]	93	91
...	0	3	80.5	47.2	24.9	29.6	...	[<1–2]	3	[2–4]	2	[2–3]	58	[49–73]	74	91
...	...	...	...	...	...	32.8 <sup>lv</sup>	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	[13–>95]	56	[43–71]	58	[49–70]	91	[76–96]	60	79
...	...	...	...	...	...	...	13	[9–28]	38	[33–45]	29	[24–36]	29	[24–34]	63	39
...	...	...	...	...	6.6	79.4 <sup>l</sup>	...	[29–>95]	22	[12–37]	62	[52–78]	81	[67–100]	66	82
...	...	...	66.8	36.6	8.1	71.3 <sup>l</sup>	...	[29–>95]	48	[36–62]	84	[70–100]	93	[78–99]	90	92
76.0	...	...	54.8	57.6	17.3	50.6 <sup>l</sup>	...	[<1–1]	31	[22–45]	53	[44–66]	67	[56–84]	88	89
...	...	...	...	...	...	...	...	[25–>95]	36	[20–62]	61	[51–75]	74	[61–92]	72	76
...	...	...	...	...	...	67.1 <sup>lv</sup>	...	...	...	...	87	[77–100]	87	[77–100]	79	87
...	...	...	...	...	...	...	...	...	...	...	72	[60–90]	81	[68–100]	66	67
...	...	...	...	...	...	84.5 <sup>l</sup>	...	...	...	...	87	[77–100]	87	[77–100]	83	82
...	...	...	59.7	34.9	6.7	67.8 <sup>l</sup>	...	...	...	...	38	[32–48]	79	[66–99]	63	62
...	...	...	...	...	11.9	70.3	...	[32–>95]	73	[62–>95]	90	[75–110]	110	[90–140]	70	85
...	...	...	...	...	...	...	...	...	16	[10–25]	49	[41–62]	73	[61–86]	68	58
72.0	24	6	28.0	30.8	37.9	36.4 <sup>l</sup>	72	[45–>95]	71	[62–84]	31	[26–39]	26	[22–32]	61	86
...	...	...	...	...	...	...	...	...	...	...	0	[0–0]	190	[160–230]	...	25
...	...	...	...	...	...	...	...	...	...	...	53	[44–67]	130	[110–150]	100	84
...	...	...	...	...	...	...	...	...	...	...	58	[48–72]	73	[61–91]	100	...
...	...	...	...	...	...	...	...	...	...	...	64	[53–80]	37	[31–47]	92	92
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	...	...	0	...
...	54	25	...	...	...	29.3 <sup>l</sup>	...	...	...	...	34	[28–42]	59	[49–74]	78	90
...	...	...	...	...	...	23.8 <sup>lv</sup>	...	...	...	...	61	[50–76]	86	[72–100]	73	67

Table 4

# 4. Health service coverage

02+2+六九  
 2004年18-50+5/5  
 2004年18-50+5/5  
 81:4CL-3

Member State	MDG 5 Antenatal care coverage (%)		MDG 5 Births attended by skilled health personnel <sup>b</sup> (%)		Births by caesarean section <sup>b</sup> (%)	Neonates protected at birth against neonatal tetanus <sup>c</sup> (%)			Immunization coverage among 1-year-olds <sup>d</sup> (%)									
	At least 1 visit <sup>a</sup>	At least 4 visits <sup>b</sup>	1990-1999	2000-2008		2000-2008	1990	2000	2008	MDG 4 Measles			DTP3			HepB3		Hib3
	2000-2009		1999	2008	2008	1990	2000	2008	1990	2000	2008	1990	2000	2008	2000	2008	2000	2008
Senegal	87	40	47	52 <sup>r</sup>	3.3	45	62	88	51	48	77	51	52	88	...	88	...	88
Serbia	98	...	...	99 <sup>r</sup>	14.7	...	...	...	...	89	92	...	95	95	...	93	...	98
Seychelles	...	...	...	...	...	...	...	...	86	97	99	99	98	99	97	99	...	...
Sierra Leone	87	56	...	42 <sup>p</sup>	...	85	53	97	...	37	60	...	44	60	...	60	...	60
Singapore	...	...	100	100 <sup>o</sup>	...	...	...	...	84	96	95	85	98	97	97	96	...	...
Slovakia	...	...	100	100	20.0	...	...	...	...	98	99	...	99	99	99	99	59	99
Slovenia	...	...	100	100	16.3	...	...	...	...	95	96	...	91	97	...	98	...	97
Solomon Islands	74	...	...	43 <sup>o</sup>	...	71	75	85	70	87	60	77	82	78	77	77	...	36
Somalia	26	6	34 <sup>r</sup>	33 <sup>o</sup>	...	49	47	49	30	38	24	19	33	31	...	...	...	...
South Africa	92	56	84	91	20.6	...	68	75	79	72	62	72	72	67	71	67	72	67
Spain	...	...	...	...	25.0	...	...	...	99	94	98	86	95	97	77	97	92	97
Sri Lanka	99	...	...	99	...	72	92	93	80	99	98	86	99	98	...	98	...	...
Sudan	64	...	...	49 <sup>o</sup>	4.5	72	61	70	57	58	79	62	62	86	...	86	...	86
Suriname	90	...	80	90 <sup>m</sup>	...	92	92	93	65	70	86	83	71	84	...	84	...	84
Swaziland	85	79	...	74 <sup>r</sup>	7.9	63	80	86	85	72	95	89	77	95	76	95	...	...
Sweden	...	...	...	...	16.5	...	...	...	96	91	96	99	99	98	...	...	98	98
Switzerland	...	...	...	100 <sup>u</sup>	28.9	...	...	...	90	81	87	90	88	95	...	...	86	93
Syrian Arab Republic	84	42	76	93 <sup>m</sup>	14.8	63	90	94	87	83	81	91	85	82	78	82	...	82
Tajikistan	89	...	81	83 <sup>m</sup>	2.1	...	...	...	...	87	86	...	83	86	...	86	...	46
Thailand	98	74	85	99	17.4	75	85	91	80	94	98	92	97	99	95	98	...	...
The former Yugoslav Republic of Macedonia	94	...	94	98 <sup>m</sup>	11.4	...	...	...	...	97	98	...	95	95	...	97	...	13
Timor-Leste	61	30	...	19	...	...	...	66	...	...	73	...	...	79	...	79	...	...
Togo	84	...	51	62 <sup>r</sup>	...	47	63	81	73	58	77	77	64	89	...	24	...	24
Tonga	...	...	...	99	...	...	...	...	86	95	99	94	95	99	97	98	...	99
Trinidad and Tobago	96	...	99	98	...	...	...	...	70	90	91	82	90	90	...	90	74	90
Tunisia	96	68	81	90	20.5	40	68	96	93	95	98	93	97	99	94	99	...	...
Turkey	92	54	81	83	21.2	20	50	71	78	86	97	84	85	96	71	92	...	96
Turkmenistan	99	83	...	100	3.4	...	...	...	...	97	99	...	97	96	...	96	...	...
Tuvalu	97	...	99	100	...	...	...	...	95	81	93	99	82	99	81	99	...	...
Uganda	94	47	38	42	3.1	41	70	85	52	59	68	45	56	64	...	68	...	68
Ukraine	99	75 <sup>aa</sup>	100	99	10.4	...	...	...	...	99	94	...	99	90	4	84	...	81
United Arab Emirates	...	...	99	100	15.2	...	...	...	80	94	92	85	94	92	92	92	92	92
United Kingdom	...	...	99	...	22.0	...	...	...	87	88	86	84	92	92	...	...	92	92
United Republic of Tanzania	76	62	39 <sup>m</sup>	46 <sup>m</sup>	3.2	77	79	81	80	78	88	78	79	84	...	84	...	...
United States of America	...	...	98	99	30.2	...	...	...	90	91	92	90	94	96	90	93	93	93
Uruguay	97	...	99	99	23.8	...	...	...	97	89	95	97	90	94	92	94	88	94
Uzbekistan	99	...	98	100 <sup>m</sup>	4.9	...	...	...	...	99	98	...	99	98	1	91	...	...
Vanuatu	84	...	89	93	...	47	86	73	66	94	65	76	90	76	75	76	...	...
Venezuela (Bolivarian Republic of)	94	...	95	95	25.1	...	...	52	61	84	82	63	77	47	5	50	2	48
Viet Nam	91	29	77	88 <sup>m</sup>	9.9	24	86	84	88	97	92	88	96	93	...	87	...	...
Yemen	47	14	22	36	...	17	54	63	69	62	62	84	62	69	15	69	...	69
Zambia	94	72	47	47 <sup>p</sup>	2.1	62	78	90	90	85	85	91	78	80	...	80	...	80
Zimbabwe	94	71	69	69	4.8	57	76	76	87	75	66	88	76	62	76	62	...	62

Children aged 6–59 months who received vitamin A supplementation <sup>a</sup> (%)	Children aged <5 years (%)				MDG 5 Unmet need for family planning <sup>a</sup> (%)	MDG 5 Contraceptive prevalence <sup>a</sup> (%)	Antiretroviral therapy coverage (%)		MDG 6 Smear-positive tuberculosis case-detection rate <sup>a</sup> (%)		MDG 6 Smear-positive tuberculosis treatment-success rate <sup>a</sup> (%)					
	MDG 6 Sleeping under insecticide-treated nets <sup>f</sup>	MDG 6 With fever who received treatment with any antimalarial <sup>f</sup>	With ARI symptoms taken to facility <sup>e</sup>	With diarrhoea receiving ORT <sup>e</sup>			Among HIV-infected pregnant women (PMTCT) <sup>b</sup>	MDG 6 Among people with advanced HIV infection <sup>c</sup>	2000	2008	2000	2007				
	2000–2008	2000–2008		2000–2008		2000–2007	2000–2008	2008	2007	2000	2008	2000	2007			
75.3	31	22	47.2	26.7	31.6	11.8 <sup>d</sup>	...	[8–29]	56	[44–70]	45	[37–56]	40	[34–51]	52	77
...	...	...	92.5	94.0	...	41.2 <sup>d</sup>	...	[3–12]	17	[8–30]	...	170	[140–210]	...	84	
...	...	...	...	...	...	...	...	...	...	...	67	[56–84]	27	[23–34]	82	89
25.9	26	30	45.8	73.4	...	8.2 <sup>d</sup>	31	[20–60]	20	[13–30]	28	[23–35]	31	[26–39]	77	89
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	71	81
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	82	86
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	84	82
...	...	...	...	...	...	...	...	...	...	...	29	[24–36]	46	[38–57]	81	92
24.2	9	8	13.0	20.8	...	14.6 <sup>d</sup>	...	[<1–1]	...	...	32	[27–40]	46	[38–58]	83	86
39.4	...	...	64.8	63.0	...	60.3 <sup>d</sup>	73	[53–>95]	28	[22–36]	69	[57–86]	68	[57–85]	63	74
...	...	...	...	...	...	65.7	...	...	...	...	87	[77–100]	87	[77–100]	...	...
...	...	...	...	...	18.2	68.0 <sup>g</sup>	...	[5–22]	14	[10–20]	72	[60–90]	73	[61–91]	79	86
...	28 <sup>z</sup>	54 <sup>z</sup>	...	...	...	7.6 <sup>d</sup>	1	[<1–1]	1	[1–2]	54	[45–67]	40	[33–50]	75	78
...	3	...	...	...	...	42.1 <sup>d</sup>	...	[22–>95]	45	[29–72]	18	[15–22]	19	[16–23]	68	...
...	0	26	71.6	88.8	24.0	50.6 <sup>d</sup>	>95	[87–>95]	42	[36–50]	49	[41–62]	51	[42–63]	...	58
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	79	66
...	...	...	...	...	...	...	...	...	...	...	87	[77–100]	87	[77–100]	...	...
2.9	...	...	76.8	67.7	...	58.3 <sup>d</sup>	...	...	...	...	89	[74–100]	79	[66–98]	78	88
46.6	1	2	63.9	58.4	...	37.9 <sup>d</sup>	...	...	6	[4–11]	20	[16–25]	49	[41–62]	77	83
...	...	...	84.0	68.3	3.1	81.1	...	[33–>95]	61	[47–81]	43	[36–54]	64	[54–81]	69	83
...	...	...	92.7	81.3	...	13.5 <sup>d</sup>	...	...	...	...	52	[43–65]	99	[82–110]	86	87
...	8	47	...	...	3.8	10.0 <sup>d</sup>	...	...	...	...	...	33	[27–41]	...	84	
39.3	35	37	22.7	21.0	...	16.8 <sup>d</sup>	18	[12–37]	19	[15–24]	9	[8–11]	14	[12–18]	...	76
...	...	...	...	...	...	...	...	...	...	...	110	[93–130]	91	[76–110]	93	93
...	...	...	...	...	...	42.5 <sup>d</sup>	...	...	...	...	87	[77–100]	87	[77–100]	68	65
...	...	...	58.6	74.4	12.1	60.2 <sup>g</sup>	...	[2–7]	29	[20–39]	120	[96–130]	99	[82–110]	91	89
...	...	...	41.0	...	6.0	71.0 <sup>d</sup>	...	...	...	...	36	[30–46]	81	[68–100]	73	91
15.8	...	...	50.9	46.7	10.1	61.8 <sup>d</sup>	...	...	...	...	80	[67–82]	130	[110–160]	81	84
...	...	...	...	...	...	...	...	...	...	...	0	[0–0]	110	[95–140]	86	75
...	9	61	73.5	...	40.6	23.7	50	[36–95]	33	[27–40]	49	[40–61]	54	[45–68]	63	75
...	...	...	...	...	10.3	66.7	...	[82–>95]	8	[7–11]	85	[71–110]	100	[85–130]	...	59
...	...	...	...	...	...	...	...	...	...	...	86	[71–100]	50	[42–63]	74	64
...	...	...	...	...	...	82.0 <sup>ab</sup>	...	...	...	...	87	[77–100]	87	[77–100]	...	77
45.5	16	58	59.4	62.2	21.8	26.4 <sup>d</sup>	...	[53–>95]	31	[26–38]	70	[61–79]	70	[65–75]	78	88
...	...	...	...	...	6.3	72.8	...	...	...	...	87	[77–100]	87	[77–100]	83	85
...	...	...	...	...	...	77.0 <sup>ac</sup>	...	...	56	[23–>95]	76	[64–95]	100	[85–110]	85	84
72.0	...	...	67.7	78.8	...	64.9 <sup>d</sup>	...	[17–74]	24	[9–51]	39	[33–49]	48	[40–60]	80	79
...	...	...	...	...	...	...	...	...	...	...	68	[57–84]	52	[44–65]	88	93
...	...	...	...	...	...	...	...	[8–27]	...	...	75	[62–94]	63	[53–79]	76	82
53.1	5	3	82.7	94.7	4.8	79.0	...	[27–87]	26	[17–42]	67	[49–81]	62	[45–75]	92	92
...	...	...	...	86.7	...	27.7 <sup>d</sup>	...	...	...	...	63	[53–79]	61	[51–76]	72	84
...	41	43	68.2	66.8	26.5	40.8 <sup>d</sup>	59	[43–>95]	46	[40–56]	48	[40–60]	52	[44–65]	67	85
...	3	5	26.3	61.6	12.8	60.2 <sup>d</sup>	36	[26–64]	17	[14–22]	39	[33–49]	24	[20–30]	69	78

Table 4

# 4. Health service coverage

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Member State	MDG 5 Antenatal care coverage (%)		MDG 5 Births attended by skilled health personnel <sup>b</sup> (%)		Births by caesarean section <sup>b</sup> (%)	Neonates protected at birth against neonatal tetanus <sup>c</sup> (%)			Immunization coverage among 1-year-olds <sup>d</sup> (%)										
	At least 1 visit <sup>a</sup>	At least 4 visits <sup>b</sup>	1990–1999	2000–2008		2000–2008	1990	2000	2008	MDG 4 Measles			DTP3			HepB3		Hib3	
										1990	2000	2008	1990	2000	2008	2000	2008	2000	2008

## RANGES OF COUNTRY VALUES

Minimum	16	6	7	6	0.4	5	24	47	20	8	23	17	24	20	1	10	2	6
Median	91	62	93	95	13.8	58	71	84	80	87	92	86	90	93	90	92	90	93
Maximum	100	97	100	100	41.9	93	95	97	99	99	99	99	99	99	99	99	99	99

## WHO REGION

African Region	73	44	48	47	3.4	43	62	78	57	56	73	57	53	72	...	67	...	38
Region of the Americas	94	...	87	92	30.8	51	74	81	80	92	93	74	91	92	70	88	75	90
South-East Asia Region	75	43	40	49	7.6	76	85	86	59	61	75	70	65	72	...	41	...	...
European Region	...	...	95	96	19.0	21	51	72	80	91	94	78	93	95	42	76	...	64
Eastern Mediterranean Region	65	44	38	59	11.8	57	69	79	67	72	83	71	73	82	39	81	...	...
Western Pacific Region	90	...	85	92	23.9	42	68	71	94	85	93	94	85	95	59	89	...	...

## INCOME GROUP

Low income	69	39	42	43	3.3	46	66	79	58	61	76	60	60	75	...	71	...	...
Lower middle income	79	47	56	65	13.0	72	80	82	76	71	82	81	73	82	...	63	...	...
Upper middle income	94	75	88	95	28.6	46	74	82	77	92	94	71	92	92	68	91	53	76
High income	...	...	98	99	26.8	70	82	82	83	91	93	88	93	95	60	68	70	81

GLOBAL	78	48	61	66	13.9	60	74	81	73	72	83	75	73	82	...	69	...	...
--------	----	----	----	----	------	----	----	----	----	----	----	----	----	----	-----	----	-----	-----

Children aged 6–59 months who received vitamin A supplementation <sup>a</sup> (%)	Children aged <5 years (%)				MDG 5 Unmet need for family planning <sup>a</sup> (%)	MDG 5 Contra- ceptive prevalence <sup>a</sup> (%)	Antiretroviral therapy coverage (%)		MDG 6 Smear-positive tuberculosis case-detection rate <sup>i</sup> (%)		MDG 6 Smear-positive tuberculosis treatment-success rate <sup>k</sup> (%)	
	MDG 6 Sleeping under insecticide-treated nets <sup>f</sup>	MDG 6 With fever who received treatment with any antimalarial <sup>f</sup>	With ARI symptoms taken to facility <sup>e</sup>	With diarrhoea receiving ORT <sup>e</sup>			Among HIV-infected pregnant women (PMTCT) <sup>h</sup>	MDG 6 Among people with advanced HIV infection <sup>i</sup>	2000	2008	2000	2007
2000–2008	2000–2008		2000–2008		2000–2007	2000–2008	2008	2007	2000	2008	2000	2007
2.0	0	0	4.3	17.7	1.3	2.8	1	0	0	14	0	14
46.2	9	25	53.9	47.2	17.0	47.8	29	26	68	77	78	82
80.1	60	63	92.7	99.8	40.6	88.4	>95	>95	220	340	100	100
43.2	17	...	...	...	24.3	23.7	45 [37–58]	44 [41–48]	39 [37–41]	47 [44–49]	71	79
...	...	...	...	...	9.4	70.6	54 [42–71]	54 [51–60]	70 [65–76]	77 [72–82]	76	82
...	...	...	...	...	12.8	57.5	28 [18–47]	40 [33–49]	38 [34–43]	68 [60–76]	50	88
...	...	...	...	...	...	68.4	94 [64–>95]	23 [19–27]	62 [57–68]	79 [74–85]	75	67
...	5	...	...	...	18.6	42.8	1 [1–2]	11 [9–13]	24 [22–27]	59 [51–66]	81	88
...	...	...	...	...	3.4	82.7	23 [14–48]	31 [21–64]	39 [34–45]	70 [60–80]	90	92
...	18	...	...	...	21.7	39.6	37 [30–48]	40 [37–44]	38 [36–39]	50 [47–52]	79	86
...	...	...	...	...	8.9	65.8	44 [35–60]	42 [36–53]	36 [33–39]	66 [60–72]	64	89
...	...	...	...	...	...	67.5	74 [55–>95]	49 [44–55]	68 [63–74]	74 [67–81]	71	74
...	...	...	...	...	...	70.1	...	...	85 [81–90]	87 [83–91]	66	61
...	...	...	...	...	10.8	62.3	45 [37–57]	42 [40–47]	40 [38–43]	62 [58–66]	69	86

Table 4





## Risk factors

This section presents indicators for certain risk factors that are associated with increased mortality and morbidity. The preventable risks presented here are: unsafe water and lack of sanitation; use of solid fuels in households; low birth weight; poor infant feeding practices; childhood under-nutrition; being overweight or obese; harmful consumption of alcohol; use of tobacco; and unsafe sex.

Low birth weight is an important predictor of the health and survival of the newborn but in many settings (especially where deliveries occur outside health-care facilities) many infants are not weighed at birth.

Child growth is the most widely used indicator of nutritional status. Included in the estimates presented in this section are the three indicators: “stunted”; “underweight” (which is an MDG indicator); and “overweight”. Stunting (i.e. low height-for-age) reflects the cumulative effects of under-nutrition and infections since birth – and even before birth. Evidence of this condition indicates chronic malnutrition, which is likely to have the most serious and long-lasting impact on health. Being underweight may reflect wasting (i.e. low weight-for-height) which indicates acute weight loss and/or stunting. Thus, it is a composite indicator that is more difficult to interpret. Fewer data are available on the levels of overweight children, although there is increasing evidence in many countries of a double burden of malnutrition (with high levels of underweight or stunting) in some population groups coupled with high levels of overweight in other groups.

The prevalence of current tobacco smoking is an important predictor of the future burden of tobacco-related diseases. Harmful use of alcohol can cause alcohol dependence, hepatic cirrhosis, cancer and injuries.

The use of solid fuels in households is a proxy for indoor air pollution. Using solid fuels such as wood, charcoal and crops is associated with increased mortality from pneumonia and other acute lower respiratory diseases among children as well as increased mortality from chronic obstructive pulmonary disease and lung cancer (where coal is used) among adults.

Unsafe water supplies and inadequate levels of sanitation and hygiene increase the transmission of diarrhoeal diseases (including cholera); schistosomiasis; trachoma; and hepatitis. Although more people globally now are using “improved” drinking-water sources<sup>20</sup> and “improved” sanitation facilities<sup>21</sup> compared to 2000, the rate of improvement will need to accelerate to meet the relevant MDG target<sup>22</sup> for 2015 (Figure 11 and Box 4).

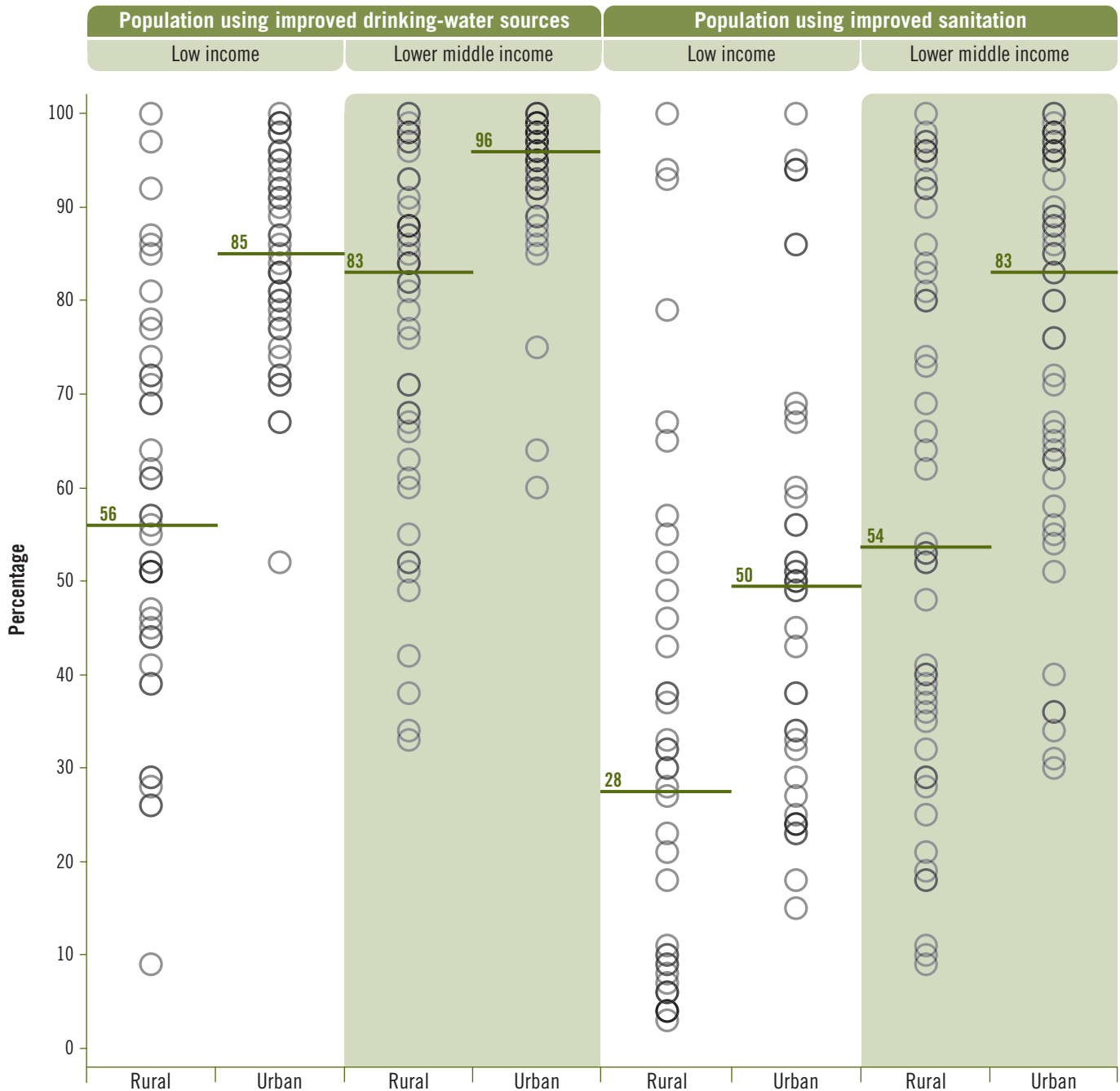
Data on risk factors and health-related behaviours are generally drawn from household surveys. It is important to note that the reliability of these estimates depends on the overall quality of the sampling frames and methods used; on interviewer training, data-quality assurance procedures, and statistical analyses of the data; and on the ability and willingness of respondents to provide accurate responses. Where data from household surveys are not available, statistical techniques may be used to develop estimates in some settings.

<sup>20</sup> Improved drinking-water sources include: piped water into dwelling, plot or yard; public tap/standpipe; borehole/tube well; protected dug well; protected spring; rainwater collection; and bottled water (if a secondary available source is also improved).

<sup>21</sup> Improved sanitation facilities are facilities that hygienically separate human excreta from human contact and include: flush/pour flush toilets or latrines connected to a sewer, septic tank or pit; ventilated pit latrines; pit latrines with a slab or platform of any material which covers the pit entirely except for the drop hole; and composting toilets/latrines.

<sup>22</sup> MDG 7; Target 7.C: Halve, by 2015, the proportion of people without sustainable access to safe drinking-water and basic sanitation. Use of an improved drinking-water source is a proxy for access to safe drinking-water. Similarly, the indicator used as a proxy for access to basic sanitation records the proportion of the population using an improved sanitation facility. Definitions and a detailed description of drinking-water sources and sanitation facilities can be found at the web site of the WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation at [www.wssinfo.org](http://www.wssinfo.org)

**Figure 11: Population using improved drinking-water sources and sanitation in low-income and lower middle-income countries by rural and urban areas – 2008**



Note: Solid horizontal lines indicate the median.

**Box 4: Use of improved drinking-water sources and sanitation**

In Figure 11, each circle represents a country (note that circles may overlap). From the data presented, three major conclusions emerge:

The use of improved drinking-water and sanitation are heavily dependent upon country income and place of residence – people living in rural areas in low-income countries are least likely to have access to improved drinking-water and sanitation facilities.

The use of improved sanitation is generally far lower than the use of improved drinking-water in both rural and urban areas – in low-income countries, median use of improved drinking-water in rural areas is 56% compared with only 28% for sanitation. In the corresponding urban areas, the figures are 85% and 50% respectively.

There are wide inequalities across countries in the use of both improved drinking-water and sanitation facilities – for example in rural areas of lower middle-income countries, improved sanitation levels ranged from 9% to 100% – representing an 11-fold difference.

# 5. Risk factors

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2004.18-50+45  
Y2M.Y014  
81:4CL-3

Member State	MDG 7 Population using improved drinking-water sources <sup>a</sup> (%)						MDG 7 Population using improved sanitation <sup>a</sup> (%)						Population using solid fuels <sup>b</sup> (%)			Low birth-weight newborns <sup>c</sup> (%)
	Urban		Rural		Total		Urban		Rural		Total		Urban	Rural	Total	
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	2007			
															2000–2008	
Afghanistan	...	78	...	39	...	48	...	60	...	30	...	37	36 <sup>i</sup>	97 <sup>i</sup>	87	...
Albania	100	96	...	98	...	97	...	98	...	98	...	98	...	...	...	7
Algeria	100	85	88	79	94	83	99	98	77	88	88	95	<5 <sup>i</sup>	<5 <sup>i</sup>	<5	6
Andorra	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	...
Angola	30	60	40	38	36	50	58	86	6	18	25	57	17 <sup>i</sup>	92 <sup>i</sup>	48	12
Antigua and Barbuda	95	95	...	...	...	...	98	98	...	...	...	...	...	...	<5	5
Argentina	97	98	72	80	94	97	93	91	73	77	90	90	<5 <sup>i</sup>	...	5 <sup>i</sup>	7
Armenia	99	98	...	93	...	96	95	95	...	80	...	90	<5	<5	26	7
Australia	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	7
Austria	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	7
Azerbaijan	88	88	49	71	70	80	...	51	...	39	...	45	<5 <sup>i</sup>	23 <sup>i</sup>	7	10
Bahamas	98	98	...	...	...	...	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	11
Bahrain	100	100	...	...	...	...	100	100	...	...	...	...	...	...	<5 <sup>n</sup>	8
Bangladesh	88	85	76	78	78	80	59	56	34	52	39	53	60	99	90	22
Barbados	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	14
Belarus	100	100	99	99	100	100	...	91	...	97	...	93	<5 <sup>i</sup>	9 <sup>i</sup>	<5 <sup>i</sup>	4
Belgium	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	8
Belize	89	99	63	100	75	99	73	93	75	86	74	90	<5	21	10	7
Benin	72	84	47	69	56	75	14	24	1	4	5	12	88	97	94	15
Bhutan	...	99	...	88	...	92	...	87	...	54	...	65	<5 <sup>t</sup>	72 <sup>t</sup>	54 <sup>t</sup>	15
Bolivia (Plurinational State of)	92	96	42	67	70	86	29	34	6	9	19	25	6	75	31	7
Bosnia and Herzegovina	...	100	...	98	...	99	...	99	...	92	...	95	20 <sup>t</sup>	71 <sup>t</sup>	49 <sup>t</sup>	5
Botswana	100	99	88	90	93	95	58	74	20	39	36	60	<5	53	40	10
Brazil	96	99	65	84	88	97	81	87	35	37	69	80	<5	40	7	8
Brunei Darussalam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	<5 <sup>n</sup>	10
Bulgaria	100	100	99	100	100	100	100	100	98	100	99	100	...	...	...	9
Burkina Faso	73	95	36	72	41	76	28	33	2	6	6	11	82 <sup>t</sup>	99 <sup>t</sup>	>95 <sup>t</sup>	16
Burundi	97	83	68	71	70	72	41	49	44	46	44	46	>95	>95	>95	11
Cambodia	52	81	33	56	35	61	38	67	5	18	9	29	64	96	91	14
Cameroon	77	92	31	51	50	74	65	56	35	35	47	47	62 <sup>t</sup>	98 <sup>t</sup>	81 <sup>t</sup>	11
Canada	100	100	99	99	100	100	100	100	99	99	100	100	...	...	<5 <sup>n</sup>	6
Cape Verde	...	85	...	82	...	84	...	65	...	38	...	54	12	73	36	6
Central African Republic	78	92	47	51	58	67	21	43	5	28	11	34	>95 <sup>i</sup>	>95 <sup>i</sup>	>95	13
Chad	48	67	36	44	38	50	20	23	2	4	6	9	94 <sup>i</sup>	>95 <sup>i</sup>	93 <sup>i</sup>	22
Chile	99	99	48	75	90	96	91	98	48	83	84	96	...	...	<5 <sup>n</sup>	6
China	97	98	56	82	67	89	48	58	38	52	41	55	23	71	48	4
Colombia	98	99	68	73	88	92	80	81	43	55	68	74	<5	53	13	6
Comoros	98	91	83	97	87	95	34	50	11	30	17	36	44 <sup>i</sup>	90 <sup>i</sup>	76 <sup>i</sup>	25
Congo	...	95	...	34	...	71	...	31	...	29	...	30	77 <sup>t</sup>	>95 <sup>t</sup>	84 <sup>t</sup>	13
Cook Islands	99	98	87	...	94	...	100	100	91	100	96	100	...	...	<5	3
Costa Rica	99	100	86	91	93	97	94	95	91	96	93	95	...	...	...	7
Côte d'Ivoire	90	93	67	68	76	80	38	36	8	11	20	23	64	>95	79	17
Croatia	...	100	...	97	...	99	...	99	...	98	...	99	7 <sup>i</sup>	24 <sup>i</sup>	12 <sup>i</sup>	5
Cuba	93	96	53	89	82	94	86	94	64	81	80	91	<5	13	<5	5
Cyprus	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	...
Czech Republic	100	100	100	100	100	100	100	99	98	97	100	98	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	7
Democratic People's Republic of Korea	100	100	100	100	100	100	...	...	...	...	...	...	...	...	...	7
Democratic Republic of the Congo	90	80	27	28	45	46	23	23	4	23	9	23	89 <sup>i</sup>	>95 <sup>i</sup>	>95	12

Infants exclu- sively breastfed for the first 6 months of life <sup>d</sup> (%)	Children aged <5 years <sup>e</sup> (%)						Adults aged ≥15 years who are obese <sup>f</sup> (%)		Alcohol consumption among adults aged ≥15 years <sup>g</sup> (litres of pure alcohol per person per year)	Prevalence of smoking any tobacco product among adults aged ≥15 years <sup>h</sup> (%)		Prevalence of current tobacco use among ado- lescents aged 13–15 years <sup>i</sup> (%)		MDG 6 Prevalence of condom use by adults aged 15–49 years at higher-risk sex <sup>j</sup> (%)		MDG 6 Population aged 15–24 years with comprehensive correct knowledge of HIV/AIDS <sup>k</sup> (%)			
	Stunted		MDG1 Underweight		Overweight		Male	Female		Male	Female	Male	Female	Male	Female	Male	Female		
	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009												2000–2009	
	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	Male		Female	2000–2009	2005	2006	Male	Female	Male	Female	Male	Female
...	53.2	59.3	44.9	32.9	6.5	4.6	...	...	<0.1	...	...	13.1 <sup>m</sup>	3.2 <sup>m</sup>	...	...	...	...	...	...
39	20.4	27.0	7.1	6.6	9.5	25.2	...	...	4.9	42.6	3.8	17.6	6.7	...	...	...	...	...	6
7	22.5	15.9	11.3	3.7	13.2	12.9	...	...	0.6	28.8	0.2	25.5 <sup>m</sup>	5.7 <sup>m</sup>	...	...	...	...	...	13
...	...	...	...	...	...	...	...	...	12.8	35.6	27.7	...	...	...	...	...	...	...	...
11	61.7	50.8	37.0	27.5	1.6	5.3	...	...	4.7	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	9.5 <sup>o</sup>	...	...	15.1	12.5	...	...	...	...	...	...
...	16.9	8.2	4.7	2.3	13.5	9.9	...	19.4 <sup>o,q</sup>	7.8	34.7	25.7	26.1	29.7	...	...	...	...	...	...
33	15.1	18.2	2.7	4.2	10.8	11.7	...	15.5 <sup>q</sup>	11.5	61.0	2.7	10.9	4.3	58	...	...	15	23	...
...	0.0	...	0.0	...	8.2	...	25.6 <sup>p,r</sup>	24.0 <sup>p,r</sup>	9.9	22.0	19.0	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	13.0 <sup>p,r,s</sup>	9.0 <sup>p,r,s</sup>	12.7	46.7	41.3	...	...	...	...	...	...	...	...
12	...	26.8	...	8.4	...	13.9	4.3 <sup>q</sup>	17.9 <sup>q</sup>	8.0	...	0.6	...	...	26	<1	...	5	6	...
...	...	...	...	...	...	...	...	...	11.0 <sup>o</sup>	...	...	12.9	10.2	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	3.7	21.8	2.9	28.0	11.7	...	...	...	...	...	...
43	62.4	43.2	52.0	41.3	0.5	1.1	...	1.7 <sup>q</sup>	0.0	47.0	3.7	9.1	5.1	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	7.6 <sup>o</sup>	18.0	3.0	34.5	23.2	...	...	...	...	...	...
9	...	4.5	...	1.3	...	9.7	...	...	11.1	64.4	21.6	31.6	22.2	...	...	...	...	...	34
1	...	...	...	...	...	...	11.9 <sup>t,s</sup>	13.4 <sup>t,s</sup>	9.7	33.3	24.4	...	...	...	...	...	...	...	...
10	...	22.2	...	4.9	...	13.7	...	...	5.8 <sup>o</sup>	24.8	3.0	21.8	15.3	...	...	...	...	...	...
43	34.5	44.7	26.8	20.2	2.5	11.4	...	5.8 <sup>q</sup>	1.1	18.0	2.0	14.6 <sup>m</sup>	5.8 <sup>m</sup>	17	...	...	35	16	...
10	47.7	37.5	14.1	12.0	3.9	5.2	...	...	0.2	...	...	27.6	11.6	...	...	...	...	...	...
60	33.1	27.1	5.9	4.3	10.7	8.5	...	17.4 <sup>q</sup>	2.8	34.3	29.1	24.7 <sup>m</sup>	16.6 <sup>m</sup>	...	...	...	18	15	...
18	...	11.8	...	1.6	...	25.6	16.5 <sup>p,r</sup>	25.2 <sup>p,r</sup>	9.6	48.7	35.1	16.3	10.5	...	...	...	...	...	48
...	35.1	29.1	15.1	10.7	...	10.4	...	...	4.5	...	...	27.0	20.5	...	...	...	...	...	...
40	13.5	7.1	4.5	2.2	6.6	7.3	8.9 <sup>p,r</sup>	16.0 <sup>q</sup>	6.2	19.4	12.0	17.2 <sup>m</sup>	15.7 <sup>m</sup>	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1.7	...	...	...	...	...	...	...	...	...	...
...	...	8.8	...	1.6	...	13.6	13.4 <sup>p,r</sup>	19.2 <sup>p,r</sup>	10.9	49.0	38.0	26.4	31.8	...	...	...	...	...	...
7	45.5	44.5	33.7	37.4	1.9	7.7	...	2.4 <sup>q</sup>	4.7	20.8	10.3	22.6 <sup>m</sup>	11.5 <sup>m</sup>	43	44	...	23	15	...
45	...	63.1	...	38.9	...	1.4	...	...	6.2	...	...	20.7	16.8	...	...	...	...	...	30
66	58.6	39.5	42.6	28.8	6.5	2.0	...	1.5 <sup>q</sup>	2.0	49.1	6.6	4.3	2.3	41	...	...	45	50	...
21	36.7	36.4	17.8	16.6	8.2	9.6	...	2.4 <sup>q</sup>	4.7	11.9	2.0	14.0 <sup>m</sup>	8.2 <sup>m</sup>	38	35	...	34	27	...
17	...	...	...	...	...	...	22.9 <sup>p,r</sup>	23.2 <sup>p,r</sup>	7.8	24.0	18.0	...	...	...	...	...	...	...	...
60	21.4	...	11.8	...	...	...	...	...	2.5 <sup>o</sup>	16.1	4.5	14.7	11.7	69	57	...	36	36	...
23	40.2	44.6	23.3	21.8	4.2	10.8	...	...	1.6	...	...	29.5 <sup>m</sup>	34.5 <sup>m</sup>	...	...	...	27	17	...
2	45.0	44.8	34.3	33.9	2.7	4.4	...	1.5 <sup>q</sup>	0.4	15.3	2.3	20.9	13.9	20	7	...	19	7	...
58	3.1	2.0	0.7	0.5	11.9	9.5	19.0 <sup>p,r</sup>	25.0 <sup>p,r</sup>	6.8	42.0	33.8	29.8 <sup>m</sup>	39.8 <sup>m</sup>	...	...	...	...	...	...
...	20.7	21.8	7.9	6.8	6.8	9.2	2.4 <sup>p,r</sup>	3.4 <sup>p,r</sup>	4.4	59.5 <sup>u</sup>	3.7 <sup>u</sup>	7.1 <sup>m</sup>	4.1 <sup>m</sup>	...	...	...	...	...	...
47	19.7	16.2	6.3	5.1	4.5	4.2	10.4 <sup>p,r</sup>	16.2 <sup>p,r</sup>	4.3	...	...	27.0 <sup>m</sup>	27.8 <sup>m</sup>	...	31	...	...	...	...
21	41.4	46.9	22.3	25.0	5.9	21.5	...	...	0.2	26.7	12.4	21.8	14.8	...	...	...	...	...	18
19	...	31.2	...	11.8	...	8.5	...	7.5 <sup>q</sup>	2.0	11.4	0.9	27.6	20.4	30	23	...	35	26	...
...	...	...	...	...	...	...	57.4 <sup>p,v</sup>	65.7 <sup>p,v</sup>	5.4 <sup>o</sup>	42.0	34.2	33.7	36.3	...	...	...	...	...	...
19	9.0	...	4.5	...	9.6	...	...	...	4.2	25.7	7.3	15.9	13.1	...	...	...	...	...	...
4	31.5	40.1	18.2	16.7	4.6	9.0	...	...	4.5	14.4	2.2	21.7 <sup>m</sup>	10.3 <sup>m</sup>	38	41	...	28	18	...
...	...	...	...	...	...	...	21.6 <sup>p,r</sup>	22.7 <sup>p,r</sup>	12.5	38.5	29.1	23.3	25.6	...	...	...	...	...	...
26	...	4.6	...	3.9	...	...	8.0 <sup>p,r</sup>	15.4 <sup>p,r</sup>	4.5	42.9	29.4	10.9 <sup>m</sup>	9.5 <sup>m</sup>	...	...	...	...	...	30
...	...	...	...	...	...	...	12.9 <sup>r</sup>	11.8 <sup>r</sup>	9.3 <sup>o</sup>	...	...	13.2	8.4	...	...	...	...	...	...
...	3.1	2.6	0.9	2.1	6.7	4.4	23.9 <sup>p,r</sup>	22.3 <sup>p,r</sup>	14.8	34.8	27.2	35.8	34.1	...	...	...	...	...	...
65	...	43.1	...	20.6	...	...	...	...	...	58.4	...	...	...	...	...	...	...	...	...
36	51.0	45.8	30.7	28.2	...	6.8	...	2.4 <sup>q</sup>	2.0	12.7	2.4	36.5 <sup>m</sup>	29.3 <sup>m</sup>	16	8	...	21	15	...

Table 5

# 5. Risk factors

02+2>六九  
2004年18-50岁  
Y2M.Y0124  
81:4CL-3

Member State	MDG 7 Population using improved drinking-water sources <sup>a</sup> (%)						MDG 7 Population using improved sanitation <sup>a</sup> (%)						Population using solid fuels <sup>b</sup> (%)			Low birth-weight newborns <sup>c</sup> (%)
	Urban		Rural		Total		Urban		Rural		Total		Urban	Rural	Total	
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	2007			
															2000-2008	
Denmark	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	5
Djibouti	80	98	69	52	77	92	73	63	45	10	66	56	10	83	16	10
Dominica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Dominican Republic	98	87	76	84	88	86	83	87	61	74	73	83	<5	21	7	11
Ecuador	81	97	62	88	72	94	86	96	48	84	69	92	<5	17	<5	10
Egypt	96	100	86	98	90	99	91	97	57	92	72	94	<5	<5	<5	13
El Salvador	90	94	58	76	74	87	88	89	62	83	75	87	8	51	23	7
Equatorial Guinea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	<5 <sup>a</sup>	13
Eritrea	62	74	39	57	43	61	58	52	0	4	9	14	27	89	63	14
Estonia	99	99	97	97	98	98	...	96	...	94	...	95	8 <sup>i</sup>	35 <sup>i</sup>	16 <sup>i</sup>	4
Ethiopia	77	98	8	26	17	38	21	29	1	8	4	12	74	>95	>95	20
Fiji	92	...	...	...	...	...	92	...	...	...	...	...	...	...	...	10
Finland	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	4
France	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	7
Gabon	...	95	...	41	...	87	...	33	...	30	...	33	15	76	27	14
Gambia	85	96	67	86	74	92	...	68	...	65	...	67	91 <sup>i</sup>	>95 <sup>i</sup>	95	20
Georgia	94	100	66	96	81	98	97	96	95	93	96	95	9 <sup>i</sup>	78 <sup>i</sup>	43 <sup>i</sup>	5
Germany	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	7
Ghana	84	90	37	74	54	82	11	18	4	7	7	13	74	>95	86	9
Greece	99	100	92	99	96	100	100	99	92	97	97	98	...	...	<5 <sup>a</sup>	8
Grenada	97	97	...	...	...	...	96	96	97	97	97	97	...	...	...	9
Guatemala	91	98	75	90	82	94	84	89	51	73	65	81	29	88	62	12
Guinea	87	89	38	61	52	71	18	34	6	11	9	19	>95 <sup>t</sup>	>95 <sup>t</sup>	>95	12
Guinea-Bissau	...	83	37	51	...	61	...	49	...	9	...	21	>95 <sup>i</sup>	>95 <sup>i</sup>	>95	24
Guyana	...	98	...	93	...	94	...	85	...	80	...	81	<5 <sup>t</sup>	14 <sup>t</sup>	11 <sup>t</sup>	19
Haiti	62	71	41	55	47	63	44	24	19	10	26	17	86	>95	93	25
Honduras	91	95	59	77	72	86	68	80	28	62	44	71	24 <sup>t</sup>	89 <sup>t</sup>	57 <sup>t</sup>	10
Hungary	98	100	91	100	96	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	9
Iceland	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	4
India	90	96	66	84	72	88	49	54	7	21	18	31	25	88	60	28
Indonesia	92	89	62	71	71	80	58	67	22	36	33	52	23	80	58	9
Iran (Islamic Republic of)	98	98	83	...	91	...	86	...	78	...	83	...	...	...	<5 <sup>lw</sup>	7
Iraq	97	91	44	55	81	79	...	76	...	66	...	73	<5 <sup>i</sup>	13 <sup>i</sup>	5	15
Ireland	100	100	100	100	100	100	100	100	98	98	99	99	...	...	<5 <sup>a</sup>	6
Israel	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	8
Italy	100	100	100	100	100	100	...	...	...	...	...	...	...	...	<5 <sup>a</sup>	6
Jamaica	98	98	88	89	93	94	82	82	83	84	83	83	...	...	16	12
Japan	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	8
Jordan	99	98	91	91	97	96	98	98	...	97	...	98	<5	<5	<5	13
Kazakhstan	99	99	92	90	96	95	96	97	97	98	96	97	5	25	12	6
Kenya	91	83	32	52	43	59	24	27	27	32	26	31	32	>95	75	10
Kiribati	76	...	33	...	48	...	36	...	21	...	26	...	...	...	...	5
Kuwait	99	99	99	99	99	99	100	100	100	100	100	100	...	...	<5 <sup>a</sup>	7
Kyrgyzstan	98	99	...	85	...	90	94	94	...	93	...	93	12 <sup>i</sup>	56 <sup>i</sup>	37 <sup>i</sup>	5
Lao People's Democratic Republic	...	72	...	51	...	57	...	86	...	38	...	53	91	>95	>95	11
Latvia	100	100	96	96	99	99	...	82	...	71	...	78	<5 <sup>i</sup>	26 <sup>i</sup>	10 <sup>i</sup>	5
Lebanon	100	100	100	100	100	100	100	100	...	...	...	...	...	...	<5 <sup>lw</sup>	6
Lesotho	88	97	57	81	61	85	29	40	32	25	32	29	8	86	71	13

Infants exclu- sively breastfed for the first 6 months of life <sup>d</sup> (%)	Children aged <5 years <sup>e</sup> (%)						Adults aged ≥15 years who are obese <sup>f</sup> (%)		Alcohol consump- tion among adults aged ≥15 years <sup>g</sup> (litres of pure alcohol per person per year)	Prevalence of smoking any tobacco product among adults aged ≥15 years <sup>h</sup> (%)		Prevalence of current tobacco use among ado- lescents aged 13–15 years <sup>i</sup> (%)		MDG 6 Prevalence of condom use by adults aged 15–49 years at higher-risk sex <sup>j</sup> (%)		MDG 6 Population aged 15–24 years with comprehensive correct knowledge of HIV/AIDS <sup>k</sup> (%)			
	Stunted		MDG1 Underweight		Overweight		Male	Female		Male	Female	Male	Female	Male	Female	Male	Female		
	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009												2000–2009	
	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	2000–2009		2005	2006		2000–2009		2000–2007		2000–2007		
...	...	...	...	...	...	...	11.8 <sup>p,t,s</sup>	11.0 <sup>p,t,s</sup>	11.3	35.3	29.8	...	...	...	...	...	...		
1	31.7	32.6	16.0	29.6	...	13.4	...	...	1.7	...	...	22.7	14.3	...	...	...	18		
...	...	...	...	...	...	...	...	...	8.1 <sup>o</sup>	...	...	30.4	19.8	...	...	...	...		
8	13.9	10.1	4.7	3.4	6.9	8.3	...	...	5.8	17.3	13.3	18.4	11.9	45	35	34	41		
40	32.5	29.0	12.5	6.2	...	5.1	...	14.6 <sup>q</sup>	4.1	23.4	5.8	31.2 <sup>m</sup>	26.1 <sup>m</sup>	...	...	...	...		
53	34.9	30.7	10.8	6.8	14.7	20.5	18.2 <sup>v</sup>	39.5 <sup>v</sup>	0.2	27.6	1.4	16.0	7.6	...	...	...	...		
31	29.5	24.6	7.2	6.1	3.9	5.8	...	25.6 <sup>q</sup>	2.5	...	...	18.2	11.0	...	...	...	...		
...	...	35.0	...	10.6	...	8.3	...	...	4.6	...	...	25.1	17.3	...	...	...	4		
52	44.4	43.7	38.3	34.5	1.2	1.6	2.3 <sup>v</sup>	4.4 <sup>v</sup>	0.8	16.0	1.1	7.8	4.6	...	...	...	37		
...	...	...	...	...	...	...	17.5 <sup>p,v,s</sup>	18.3 <sup>p,v,s</sup>	16.2 <sup>o</sup>	47.8	25.3	33.8	27.8	...	...	...	...		
49	...	50.7	...	34.6	...	5.1	...	0.7 <sup>q</sup>	0.6	9.0	0.8	9.9 <sup>m</sup>	4.9 <sup>m</sup>	9	...	33	20		
40	4.3	...	6.9	...	2.2	...	15.1 <sup>p,v</sup>	32.7 <sup>p,v</sup>	2.1 <sup>o</sup>	21.8	3.6	11.6	10.2	...	...	...	...		
15	...	...	...	...	...	...	15.4 <sup>v,s</sup>	16.0 <sup>v,s</sup>	10.0	33.3	23.0	...	...	...	...	...	...		
...	...	...	...	...	...	...	16.1 <sup>p,f</sup>	17.6 <sup>p,f</sup>	13.2	36.4	26.9	...	...	...	...	...	...		
5	...	26.3	...	8.8	...	5.6	...	8.2 <sup>q</sup>	7.9	...	...	...	...	40	26	...	...		
41	36.3	27.6	23.2	15.8	...	2.7	...	...	2.4	29.2	2.6	34.0 <sup>m</sup>	36.6 <sup>m</sup>	...	...	...	39		
11	16.1	14.7	2.7	2.3	17.9	21.0	...	...	4.2	57.0	5.6	15.2	2.8	...	...	...	...		
22	...	1.3	...	1.1	...	3.5	20.5 <sup>p,f</sup>	21.1 <sup>p,f</sup>	11.7	37.2	25.7	...	...	...	...	...	...		
63	31.3	28.6	20.3	14.3	2.7	5.9	...	9.3 <sup>q</sup>	1.5	9.5	0.7	11.6	10.9	38	35	33	25		
...	...	...	...	...	...	...	26.0 <sup>p,t,s</sup>	18.2 <sup>p,t,s</sup>	9.2	63.4	39.4	17.1	14.4	...	...	...	...		
...	...	...	...	...	...	...	...	...	10.8 <sup>o</sup>	...	...	24.5	16.7	...	...	...	...		
51	53.1	54.3	20.3	17.7	6.9	5.6	...	...	2.4	24.1	4.1	19.7	13.3	...	...	...	...		
48	34.3	40.0	21.2	20.8	4.3	...	...	3.0 <sup>q</sup>	0.2	...	...	30.8	20.0	24	20	23	17		
28	...	28.1	...	17.2	...	...	...	...	3.2	...	...	11.5 <sup>m</sup>	10.3 <sup>m</sup>	...	...	...	18		
21	14.0	18.2	10.3	10.8	1.9	6.8	14.3 <sup>p,t,s</sup>	26.9 <sup>p,t,s</sup>	7.2	...	...	17.6	12.2	53	56	47	53		
41	37.2	29.7	24.0	18.9	4.3	3.9	...	6.3 <sup>q</sup>	5.2	...	...	21.7 <sup>m</sup>	23.9 <sup>m</sup>	34	21	40	34		
30	43.3	29.9	19.2	8.6	2.4	5.8	...	18.8 <sup>q</sup>	3.2	...	3.4	22.8 <sup>m</sup>	18.2 <sup>m</sup>	...	27	...	30		
...	...	...	...	...	...	...	12.1 <sup>r</sup>	18.3 <sup>r</sup>	12.5	45.4	35.3	27.9	26.7	...	...	...	...		
...	...	...	...	...	...	...	12.4 <sup>t,s</sup>	12.3 <sup>t,s</sup>	7.1 <sup>o</sup>	29.3	23.8	...	...	...	...	...	...		
46	51.0	47.9	44.4	43.5	3.6	1.9	1.3 <sup>q</sup>	2.8 <sup>q</sup>	0.6	33.2	3.8	19.0	8.3	23	12	36	20		
32	...	40.1	22.8	19.6	...	11.2	1.1 <sup>r</sup>	3.6 <sup>r</sup>	<0.1	61.7	5.2	41.0	6.2	...	...	...	...		
44	20.4	...	9.5	...	6.9	...	9.2 <sup>v</sup>	19.2 <sup>v</sup>	<0.1	29.6	5.4	32.9	19.5	...	...	...	...		
25	...	27.5	...	7.1	...	15.0	26.2 <sup>p,f</sup>	38.2 <sup>p,f</sup>	0.2	29.6	3.4	17.7 <sup>m</sup>	15.2 <sup>m</sup>	...	...	...	3		
...	...	...	...	...	...	...	16.0 <sup>p,x</sup>	17.0 <sup>p,x</sup>	13.4	33.8	28.2	...	...	...	...	...	...		
...	...	...	...	...	...	...	19.8 <sup>p,v</sup>	25.4 <sup>p,v</sup>	2.5	30.5	18.5	...	...	...	...	...	...		
...	...	...	...	...	...	...	7.4 <sup>p,t,s</sup>	8.9 <sup>p,t,s</sup>	8.0	34.0	19.5	...	...	...	...	...	...		
15	6.3	3.7	2.3	2.2	5.9	...	...	...	3.5	20.5	9.2	24.0	15.3	...	...	...	60		
...	...	...	...	...	...	...	2.9 <sup>r</sup>	3.3 <sup>r</sup>	8.0	42.4	12.6	...	...	...	...	...	...		
22	11.1	12.0	3.8	3.6	4.4	4.7	21.1 <sup>p,t,s</sup>	20.1 <sup>q,s</sup>	0.4	61.1	9.6	33.7	26.1	...	...	...	...		
17	13.9	17.5	3.8	4.9	5.3	14.8	...	...	6.2	42.9	9.1	15.2	8.1	...	...	...	22		
32	37.0	35.8	17.6	16.5	7.6	5.8	...	6.3 <sup>q</sup>	1.9	25.9	2.0	14.9	14.5	33	12	47	34		
...	...	...	...	...	...	...	41.7 <sup>p,v</sup>	58.9 <sup>p,v</sup>	1.6	...	...	42.6	30.7	...	...	...	...		
...	...	...	...	...	...	...	36.4 <sup>p,v</sup>	47.9 <sup>p,v</sup>	<0.1	36.9	4.3	25.0	11.3	...	...	...	...		
32	32.6	18.1	8.2	2.7	9.2	10.7	...	...	2.8	46.4	2.0	10.3	4.4	...	...	...	20		
26	52.9	47.6	35.9	31.6	...	1.3	0.7 <sup>r</sup>	3.0 <sup>q</sup>	5.8	64.0	15.3	13.2 <sup>m</sup>	4.9 <sup>m</sup>	...	...	...	...		
29	...	...	...	...	...	...	12.3 <sup>v,s</sup>	18.1 <sup>v,s</sup>	10.2	53.4	24.1	41.8	33.9	...	...	...	...		
...	16.7	16.5	2.6	4.2	...	16.7	...	...	1.7	30.6	7.1	65.8	54.1	...	...	...	...		
36	49.8	45.2	14.0	16.6	...	6.8	...	16.1 <sup>q</sup>	1.9	...	...	26.4	21.7	41	19	19	27		

Table 5

# 5. Risk factors

02+2>六九  
2004年18-50+45  
Y2A.Y014  
81:4CL-3

Member State	MDG 7 Population using improved drinking-water sources <sup>a</sup> (%)						MDG 7 Population using improved sanitation <sup>a</sup> (%)						Population using solid fuels <sup>b</sup> (%)			Low birth-weight newborns <sup>c</sup> (%)
	Urban		Rural		Total		Urban		Rural		Total		Urban	Rural	Total	
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	2007			
															2000-2008	
Liberia	86	79	34	51	58	68	21	25	3	4	11	17	>95 <sup>i</sup>	>95 <sup>i</sup>	>95 <sup>i</sup>	14
Libyan Arab Jamahiriya	54	...	55	...	54	...	97	97	96	96	97	97	...	...	<5 <sup>lw</sup>	7
Lithuania	...	...	...	...	...	...	...	...	...	...	...	...	...	...	<5 <sup>n</sup>	4
Luxembourg	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	8
Madagascar	78	71	16	29	31	41	14	15	6	10	8	11	>95	>95	>95	17
Malawi	90	95	33	77	40	80	50	51	41	57	42	56	>95	>95	>95	13
Malaysia	94	100	82	99	88	100	88	96	81	95	84	96	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	9
Maldives	100	99	87	86	90	91	100	100	58	96	69	98	...	...	10	22
Mali	54	81	22	44	29	56	36	45	23	32	26	36	>95	>95	>95	19
Malta	100	100	98	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	6
Marshall Islands	94	92	97	99	95	94	77	83	41	53	64	72	9 <sup>i</sup>	94 <sup>i</sup>	31	18
Mauritania	36	52	26	47	30	49	29	50	8	9	16	26	30	82	60	34
Mauritius	100	100	99	99	99	99	93	93	90	90	91	91	<5 <sup>t</sup>	<5 <sup>t</sup>	<5 <sup>t</sup>	14
Mexico	94	96	64	87	85	94	80	90	30	68	66	85	<5 <sup>i</sup>	45 <sup>i</sup>	15	8
Micronesia (Federated States of)	93	95	87	...	89	...	55	...	20	...	29	...	...	...	44	18
Monaco	100	100	...	...	100	100	100	100	...	...	100	100	...	...	<5 <sup>n</sup>	...
Mongolia	81	97	27	49	58	76	...	64	...	32	...	50	61 <sup>i</sup>	>95 <sup>i</sup>	77 <sup>i</sup>	6
Montenegro	...	100	...	96	...	98	...	96	...	86	...	92	18 <sup>i</sup>	56 <sup>i</sup>	32 <sup>i</sup>	4
Morocco	94	98	55	60	74	81	81	83	27	52	53	69	<5 <sup>t</sup>	17 <sup>t</sup>	7 <sup>t</sup>	15
Mozambique	73	77	26	29	36	47	36	38	4	4	11	17	89 <sup>t</sup>	>95 <sup>t</sup>	>95 <sup>t</sup>	15
Myanmar	87	75	47	69	57	71	...	86	...	79	...	81	88 <sup>i</sup>	>95 <sup>i</sup>	>95 <sup>i</sup>	15
Namibia	99	99	51	88	64	92	66	60	9	17	25	33	19	88	57	16
Nauru	...	90	...	...	...	90	...	50	...	...	...	50	...	...	5	27
Nepal	96	93	74	87	76	88	41	51	8	27	11	31	36	91	82	21
Netherlands	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	...
New Zealand	100	100	100	100	100	100	...	...	88	...	...	...	...	...	<5 <sup>n</sup>	6
Nicaragua	92	98	54	68	74	85	59	63	26	37	43	52	31	92	56	8
Niger	57	96	31	39	35	48	19	34	2	4	5	9	>95	>95	>95	27
Nigeria	79	75	30	42	47	58	39	36	36	28	37	32	40	92	79	14
Niue	100	100	100	100	100	100	100	100	100	100	100	100	...	...	5	0
Norway	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	5
Oman	84	92	72	77	80	88	97	97	61	...	85	...	...	...	<5 <sup>n</sup>	9
Pakistan	96	95	81	87	86	90	73	72	8	29	28	45	31	91	66	32
Palau	73	...	98	...	81	...	76	96	54	...	69	...	...	...	<5 <sup>lw</sup>	9
Panama	99	97	66	83	84	93	73	75	40	51	58	69	<5	46	16	10
Papua New Guinea	89	87	32	33	41	41	78	71	42	41	47	45	...	...	...	10
Paraguay	81	99	25	66	52	86	61	90	15	40	37	70	33	81	52	9
Peru	88	90	45	61	75	82	71	81	16	36	54	68	11 <sup>t</sup>	80 <sup>t</sup>	36	8
Philippines	93	93	76	87	84	91	70	80	46	69	58	76	27 <sup>i</sup>	70 <sup>i</sup>	47 <sup>i</sup>	20
Poland	100	100	100	100	100	100	96	96	...	80	...	90	...	...	<5 <sup>n</sup>	6
Portugal	98	99	94	100	96	99	97	100	87	100	92	100	...	...	<5 <sup>n</sup>	8
Qatar	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>lw</sup>	10
Republic of Korea	97	100	...	88	...	98	100	100	100	100	100	100	...	...	<5 <sup>lw</sup>	4
Republic of Moldova	...	96	...	85	...	90	...	85	...	74	...	79	<5 <sup>i</sup>	24 <sup>i</sup>	15 <sup>i</sup>	6
Romania	...	...	...	...	...	...	88	88	52	54	71	72	<5 <sup>i</sup>	42 <sup>i</sup>	23 <sup>i</sup>	8
Russian Federation	98	98	81	89	93	96	93	93	70	70	87	87	<5	20	7	6
Rwanda	96	77	66	62	68	65	35	50	22	55	23	54	>95	>95	>95	6
Saint Kitts and Nevis	99	99	99	99	99	99	96	96	96	96	96	96	...	...	<5 <sup>n</sup>	11
Saint Lucia	98	98	98	98	98	98	...	...	...	...	...	...	...	...	<5	11



Infants exclu- sively breastfed for the first 6 months of life <sup>d</sup> (%)	Children aged <5 years <sup>e</sup> (%)						Adults aged ≥15 years who are obese <sup>f</sup> (%)		Alcohol consump- tion among adults aged ≥15 years <sup>g</sup> (litres of pure alcohol per person per year)	Prevalence of smoking any tobacco product among adults aged ≥15 years <sup>h</sup> (%)		Prevalence of current tobacco use among ado- lescents aged 13–15 years <sup>i</sup> (%)		MDG 6 Prevalence of condom use by adults aged 15–49 years at higher-risk sex <sup>j</sup> (%)		MDG 6 Population aged 15–24 years with comprehensive correct knowledge of HIV/AIDS <sup>k</sup> (%)	
	Stunted		MDG1 Underweight		Overweight		Male	Female		Male	Female	Male	Female	Male	Female	Male	Female
	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009											
	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	2000–2009		2005	2006		2000–2009		2000–2007		2000–2007
29	45.3	39.4	22.8	20.4	4.6	4.2	...	5.7 <sup>q</sup>	3.5	13.1	...	14.2 <sup>m</sup>	11.8 <sup>m</sup>	...	...	...	...
...	20.7	21.0	4.3	5.6	...	22.4	...	...	0.0	...	...	15.5	6.1	...	...	...	...
...	...	...	...	...	...	...	20.6 <sup>p,v,s</sup>	19.2 <sup>p,v,s</sup>	12.5	49.9	21.7	38.4	28.8	...	...	...	...
...	...	...	...	...	...	...	...	...	11.7	38.8	30.4	...	...	...	...	...	...
51	55.5	52.8	35.5	36.8	2.9	6.2	...	1.0 <sup>q</sup>	0.8	...	...	33.2	14.3	9	2	16	19
57	55.8	53.2	24.4	15.5	9.9	11.3	...	2.4 <sup>q</sup>	1.1	21.4	5.4	16.7	11.4	20	16	36	24
...	20.7	...	16.7	...	5.5	...	13.9 <sup>p,v</sup>	18.8 <sup>p,v</sup>	0.5	52.6	2.6	35.1	9.4	...	...	...	...
10	46.7	31.9	41.5	25.7	6.9	3.9	...	...	...	44.5	11.8	8.5	3.4	...	...	...	...
38	36.2	38.5	38.2	27.9	2.1	4.7	...	5.2 <sup>q</sup>	0.5	18.3	2.5	23.1	8.8	12	8	22	18
...	...	...	...	...	...	...	22.2 <sup>p,t,s</sup>	19.3 <sup>p,t,s</sup>	5.3 <sup>o</sup>	32.1	20.7	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	35.7	6.1	...	...	20	11	39	27
19	49.8	24.2	20.3	16.7	...	...	...	16.7 <sup>q</sup>	<0.1	33.7	5.1	27.5	17.7	...	...	...	...
...	...	...	...	...	...	...	5.6 <sup>p,f</sup>	13.7 <sup>p,f</sup>	2.6	34.2	0.9	20.3	7.7	...	...	...	...
...	21.7	15.5	6.0	3.4	7.6	7.6	24.2 <sup>p,f</sup>	34.5 <sup>p,f</sup>	5.1	36.4	12.4	27.8 <sup>m</sup>	28.5 <sup>m</sup>	...	...	...	...
...	...	...	...	...	...	...	...	...	3.3	29.8	18.0	51.9	39.8	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	30.1	27.5	10.8	5.3	7.0	14.2	7.2 <sup>v</sup>	12.5 <sup>v</sup>	1.4	45.6	6.5	25.7	16.0	...	...	...	35
19	9.7	7.9	0.6	2.2	22.0	15.6	...	...	...	...	...	6.6	5.9	...	...	...	30
31	29.9	23.1	8.1	9.9	10.7	13.3	8.2 <sup>p,f</sup>	11.0 <sup>q</sup>	0.5	30.4	0.2	12.5	8.2	...	...	...	12
30	45.3	47.0	28.1	21.2	6.0	6.3	...	3.9 <sup>q</sup>	1.5	20.9	3.1	12.7 <sup>m</sup>	7.4 <sup>m</sup>	19	14	33	20
11	47.6	40.6	25.0	29.6	11.6	2.4	...	...	0.1	42.6	14.8	22.5	8.2	...	...	...	...
24	35.7	29.6	21.5	17.5	4.5	4.6	...	11.7 <sup>q</sup>	6.5	24.1	9.5	28.6	22.9	74	66	62	65
67	...	...	...	...	...	...	50.3 <sup>q</sup>	56.0 <sup>q</sup>	2.3	47.5	54.0	...	...	...	...	...	...
53	61.1	49.3	38.2	38.8	0.4	0.6	...	0.9 <sup>q</sup>	0.2	35.8	27.9	13.0	5.3	30	...	44	28
...	...	...	...	...	...	...	8.6 <sup>p,t,s</sup>	10.8 <sup>p,t,s</sup>	9.5	33.3	27.5	...	...	...	...	...	...
...	...	...	...	...	...	...	24.7 <sup>r</sup>	26.0 <sup>r</sup>	9.3	22.2	20.0	18.7	21.5	...	...	...	...
31	28.3	18.8	10.0	4.3	4.0	5.2	33.1 <sup>p,f</sup>	35.2 <sup>p,f</sup>	3.7	...	...	30.4 <sup>m</sup>	20.5 <sup>m</sup>	...	19	...	22
10	47.0	54.8	45.0	39.9	1.2	3.5	...	3.2 <sup>q</sup>	<0.1	...	...	15.2	8.0	7	8	16	13
13	39.7	41.0	27.3	26.7	...	10.5	...	6.0 <sup>q</sup>	9.7	11.9	1.0	19.2 <sup>m</sup>	11.1 <sup>m</sup>	22	13	21	18
...	...	...	...	...	...	...	...	...	7.7	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	11.0 <sup>p,t,s</sup>	8.0 <sup>p,t,s</sup>	6.4	30.5	29.7	...	...	...	...	...	...
...	12.9	...	11.3	...	1.6	...	16.7 <sup>p,f</sup>	23.8 <sup>p,f</sup>	0.7	20.5	1.3	17.8	11.3	...	...	...	...
37	42.7	41.5	35.3	31.3	1.6	4.8	...	...	<0.1	35.4	6.5	12.4 <sup>m</sup>	7.5 <sup>m</sup>	...	...	...	...
...	...	...	...	...	...	...	...	...	11.3	37.7	9.3	58.3	42.4	...	...	...	...
...	21.5	19.1	6.3	3.9	6.2	...	14.4 <sup>p,f</sup>	21.8 <sup>p,f</sup>	5.9	...	...	10.5	6.5	...	...	...	...
...	...	43.9	...	18.1	...	3.4	...	...	1.5	...	...	55.4	40.3	...	...	...	...
22	18.3	...	2.8	...	6.3	...	...	...	6.4	32.9	15.2	20.8	12.9	...	...	...	...
73	31.6	29.8	5.7	5.4	9.9	9.1	11.5 <sup>p,f</sup>	12.5 <sup>q</sup>	3.1	...	...	19.9 <sup>m</sup>	18.2 <sup>m</sup>	...	31	...	19
34	38.3	33.8	28.3	20.7	1.9	2.4	3.0 <sup>p,f</sup>	5.7 <sup>p,f</sup>	4.2	53.2	12.2	28.2	17.3	22	...	18	12
...	...	...	...	...	...	...	15.7 <sup>p,f</sup>	19.9 <sup>p,f</sup>	9.5	29.6	37.7	26.0 <sup>m</sup>	31.7 <sup>m</sup>	...	...	...	...
...	...	...	...	...	...	...	15.0 <sup>p,v</sup>	13.4 <sup>p,v</sup>	12.2	33.7	15.5	...	...	...	...	...	...
...	11.6	...	4.8	...	10.4	...	...	...	0.9	...	...	25.2	13.1	...	...	...	...
...	...	...	...	...	...	...	2.8 <sup>p,t,s</sup>	3.5 <sup>p,t,s</sup>	11.8	53.3	5.7	14.9	10.6	...	...	...	...
46	...	11.3	...	3.2	...	9.1	...	18.2 <sup>q</sup>	...	44.7	5.4	20.8	7.1	45	22	...	...
16	15.3	12.8	3.4	3.5	10.1	8.3	7.7 <sup>r</sup>	9.5 <sup>r</sup>	10.5	45.5	24.1	18.4	10.4	...	...	...	...
...	...	...	...	...	...	...	11.8 <sup>p,q,s</sup>	20.1 <sup>p,q,s</sup>	11.0	70.1	27.7	30.1	24.4	...	...	...	...
88	56.8	51.7	24.3	18.0	4.0	6.7	...	1.1 <sup>q</sup>	7.0	...	...	13.3	9.5	8	14	54	51
...	...	...	...	...	...	...	...	...	10.3 <sup>o</sup>	...	...	18.2	13.6	...	...	...	...
...	...	...	...	...	...	...	...	...	12.7 <sup>o</sup>	28.4	12.1	22.4	14.5	...	...	...	...

# 5. Risk factors

02+2>六九  
 2014.18-50+45  
 2014.18-50+45  
 81:4CL-3

Member State	MDG 7 Population using improved drinking-water sources <sup>a</sup> (%)						MDG 7 Population using improved sanitation <sup>a</sup> (%)						Population using solid fuels <sup>b</sup> (%)			Low birth-weight newborns <sup>c</sup> (%)	
	Urban		Rural		Total		Urban		Rural		Total		Urban	Rural	Total		
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	2007				
																2000–2008	
Saint Vincent and the Grenadines	...	...	...	...	...	...	...	...	...	96	96	...	...	...	...	...	8
Samoa	99	...	89	...	91	...	100	100	98	100	98	100	...	...	44	4	
San Marino	...	...	...	...	...	...	...	...	...	...	...	...	...	...	<5 <sup>n</sup>	...	
Sao Tome and Principe	...	89	...	88	...	89	...	30	...	19	...	26	...	...	...	8	
Saudi Arabia	97	97	63	...	89	...	100	100	...	...	...	...	...	...	<5 <sup>n</sup>	11	
Senegal	88	92	43	52	61	69	62	69	22	38	38	51	17	86	51	19	
Serbia	...	99	...	98	...	99	...	96	...	88	...	92	14 <sup>i</sup>	61 <sup>i</sup>	34	5	
Seychelles	...	100	...	...	...	...	...	97	...	...	...	...	...	...	<5 <sup>i</sup>	...	
Sierra Leone	...	86	...	26	...	49	...	24	...	6	...	13	>95 <sup>t</sup>	>95 <sup>t</sup>	>95	24	
Singapore	100	100	...	...	100	100	99	100	...	...	99	100	...	...	<5 <sup>n</sup>	8	
Slovakia	...	100	...	100	...	100	100	100	100	99	100	100	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	7	
Slovenia	100	100	99	99	100	99	100	100	100	100	100	100	...	...	8 <sup>i</sup>	...	
Solomon Islands	...	...	...	...	...	...	98	98	...	...	...	...	60 <sup>t</sup>	>95 <sup>t</sup>	92	13	
Somalia	...	67	...	9	...	30	...	52	...	6	...	23	>95 <sup>t</sup>	>95 <sup>t</sup>	>95 <sup>t</sup>	...	
South Africa	98	99	66	78	83	91	80	84	58	65	69	77	7	41	17	15	
Spain	100	100	100	100	100	100	100	100	100	100	100	100	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	6	
Sri Lanka	91	98	62	88	67	90	85	88	67	92	70	91	32 <sup>t</sup>	81 <sup>t</sup>	72	18	
Sudan	85	64	58	52	65	57	63	55	23	18	34	34	...	...	90	31	
Suriname	99	97	...	81	...	93	90	90	...	66	...	84	...	...	...	13	
Swaziland	...	92	...	61	...	69	...	61	...	53	...	55	14	77	58	9	
Sweden	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	4	
Switzerland	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	6	
Syrian Arab Republic	96	94	75	84	85	89	94	96	72	95	83	96	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	9	
Tajikistan	...	94	...	61	...	70	93	95	...	94	...	94	<5	35	21	10	
Thailand	97	99	89	98	91	98	93	95	74	96	80	96	11 <sup>i</sup>	47 <sup>i</sup>	25	9	
The former Yugoslav Republic of Macedonia	...	100	...	99	...	100	...	92	...	82	...	89	25 <sup>i</sup>	55 <sup>i</sup>	37 <sup>i</sup>	6	
Timor-Leste	...	86	...	63	...	69	...	76	...	40	...	50	...	...	...	12	
Togo	79	87	36	41	49	60	25	24	8	3	13	12	>95 <sup>i</sup>	>95 <sup>i</sup>	>95 <sup>i</sup>	12	
Tonga	...	100	...	100	...	100	98	98	96	96	96	96	9 <sup>i</sup>	50 <sup>i</sup>	45	3	
Trinidad and Tobago	92	98	88	93	88	94	93	92	93	92	93	92	...	...	<5 <sup>i</sup>	19	
Tunisia	95	99	62	84	81	94	95	96	44	64	74	85	<5 <sup>t</sup>	<5 <sup>t</sup>	<5 <sup>t</sup>	5	
Turkey	94	100	73	96	85	99	96	97	66	75	84	90	...	...	...	16	
Turkmenistan	97	97	...	...	...	...	99	99	97	97	98	98	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>l,w</sup>	4	
Tuvalu	92	98	89	97	90	97	86	88	76	81	80	84	...	...	25	5	
Uganda	78	91	39	64	43	67	35	38	40	49	39	48	95	>95	>95	14	
Ukraine	99	98	...	97	...	98	97	97	91	90	95	95	<5 <sup>t</sup>	15 <sup>t</sup>	7 <sup>t</sup>	4	
United Arab Emirates	100	100	100	100	100	100	98	98	95	95	97	97	<5 <sup>i</sup>	<5 <sup>i</sup>	<5 <sup>i</sup>	15	
United Kingdom	100	100	100	100	100	100	100	100	100	100	100	100	...	...	<5 <sup>n</sup>	8	
United Republic of Tanzania	94	80	46	45	55	54	27	32	23	21	24	24	85	>95	94	10	
United States of America	100	100	94	94	99	99	100	100	99	99	100	100	...	...	<5 <sup>n</sup>	8	
Uruguay	98	100	79	100	96	100	95	100	83	99	94	100	<5 <sup>t</sup>	23	<5	9	
Uzbekistan	97	98	85	81	90	87	95	100	76	100	84	100	<5 <sup>t</sup>	26 <sup>t</sup>	16 <sup>t</sup>	5	
Vanuatu	91	96	49	79	57	82	...	66	...	48	...	51	53 <sup>i</sup>	>95 <sup>i</sup>	85	10	
Venezuela (Bolivarian Republic of)	93	...	71	...	90	...	89	...	45	...	82	...	...	...	...	9	
Viet Nam	88	99	51	92	58	94	61	94	29	67	35	75	20	72	61	7	
Yemen	...	72	...	57	...	62	64	94	6	33	18	52	<5	53	36	32	
Zambia	89	87	23	46	49	60	62	59	36	43	46	49	62	>95	86	11	
Zimbabwe	99	99	70	72	78	82	58	56	37	37	43	44	19	>95	71	11	

Infants exclu- sively breastfed for the first 6 months of life <sup>d</sup> (%)	Children aged <5 years <sup>e</sup> (%)						Adults aged ≥15 years who are obese <sup>f</sup> (%)		Alcohol consump- tion among adults aged ≥15 years <sup>g</sup> (litres of pure alcohol per person per year)	Prevalence of smoking any tobacco product among adults aged ≥15 years <sup>h</sup> (%)		Prevalence of current tobacco use among ado- lescents aged 13–15 years <sup>i</sup> (%)		MDG 6 Prevalence of condom use by adults aged 15–49 years at higher-risk sex <sup>j</sup> (%)		MDG 6 Population aged 15–24 years with comprehensive correct knowledge of HIV/AIDS <sup>k</sup> (%)	
	Stunted		MDG1 Underweight		Overweight		Male	Female		Male	Female	Male	Female	Male	Female	Male	Female
	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009											
	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009	2000–2009		2005	2006		2000–2009		2000–2007		2000–2007
...	...	...	...	...	...	...	...	...	5.9 <sup>o</sup>	18.8	6.0	22.0	16.6	...	...	...	...
...	6.4	...	1.7	...	6.2	...	44.9 <sup>p,v</sup>	66.3 <sup>p,v</sup>	3.6	58.5	22.9	25.8	20.4	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
51	...	29.3	...	13.1	...	...	...	...	5.4	22.2	9.7	...	...	...	...	...	44
...	21.4	9.3	13.5	5.3	1.2	6.1	28.3 <sup>v</sup>	43.8 <sup>v</sup>	0.5	22.9	3.7	20.2	10.7	...	...	...	...
34	33.7	20.1	21.9	14.5	4.0	2.4	...	7.2 <sup>q</sup>	0.3	18.5	1.4	20.4	9.6	31	21	26	21
15	9.9	8.1	0.5	1.8	17.8	19.3	...	...	10.1	39.6	26.7	10.8	9.6	...	...	...	42
...	...	...	...	...	...	...	15.0 <sup>p,v</sup>	35.2 <sup>p,v</sup>	11.9 <sup>o</sup>	32.3	6.4	27.1	25.3	...	...	...	...
11	...	37.4	...	21.3	...	10.1	...	9.3 <sup>q</sup>	6.5	...	...	20.3 <sup>m</sup>	24.1 <sup>m</sup>	...	...	...	17
...	...	4.4	...	3.3	...	2.6	6.7 <sup>p,t,s</sup>	4.7 <sup>p,t,s</sup>	2.1 <sup>o</sup>	36.3	5.9	10.5	7.5	...	...	...	...
...	...	...	...	...	...	...	13.5 <sup>v,s</sup>	15.0 <sup>v,s</sup>	11.0	41.3	20.3	28.5	24.5	...	...	...	...
...	...	...	...	...	...	...	16.5 <sup>p,v,s</sup>	13.8 <sup>p,v,s</sup>	10.5	31.6	21.3	16.9	24.2	...	...	...	...
74	...	32.8	...	11.5	...	2.5	5.2 <sup>q</sup>	14.5 <sup>q</sup>	1.1	...	...	43.9	37.0	...	...	...	...
9	...	42.1	...	32.8	...	4.7	...	...	0.0	...	...	15.5 <sup>m</sup>	12.3 <sup>m</sup>	...	...	...	4
7	30.9	...	10.1	...	9.6	...	8.8 <sup>r</sup>	27.4 <sup>r</sup>	7.0	29.5	9.4	29.3	20.1	...	...	...	...
...	...	...	...	...	...	...	15.7 <sup>p,t,s</sup>	15.4 <sup>p,t,s</sup>	10.0	37.0	27.2	...	...	...	...	...	...
76	26.1	17.3	29.3	21.1	...	1.6	...	7.2 <sup>q</sup>	0.3	32.4	2.1	12.4	5.8	...	...	...	...
34	40.3	37.9	34.9	31.7	2.3	5.3	...	...	1.4	27.8	3.0	9.5	4.3	...	...	...	...
9	14.5	...	11.4	...	2.9	...	...	...	5.4	17.0	2.8	20.7	16.6	...	...	...	41
32	...	29.5	...	6.1	...	11.4	3.9 <sup>q</sup>	23.1 <sup>q</sup>	5.0	23.0	2.7	15.8	8.6	56	57	52	52
...	...	...	...	...	...	...	13.0 <sup>p,t,s</sup>	12.0 <sup>p,t,s</sup>	6.6	17.3	23.3	...	...	...	...	...	...
14	...	...	...	...	...	...	8.7 <sup>t,s</sup>	7.8 <sup>t,s</sup>	10.1	32.5	23.1	...	...	...	...	...	...
29	26.5	28.6	11.3	10.0	...	18.7	15.5 <sup>p,v</sup>	27.7 <sup>p,v</sup>	1.1	42.9	...	38.6	19.5	...	...	...	7
25	41.5	33.1	...	14.9	...	6.7	...	7.1 <sup>q</sup>	0.4	...	...	6.8	2.8	...	...	...	3
5	18.1	15.7	15.4	7.0	4.7	8.0	3.3 <sup>p,v</sup>	10.2 <sup>p,v</sup>	6.5	43.1	2.0	24.0	7.5	...	...	...	46
16	8.0	11.5	1.9	1.8	9.6	16.2	...	...	5.8	...	...	11.9	11.7	...	...	...	27
31	...	55.7	...	40.6	...	5.7	...	...	0.3	...	...	60.2	53.4	...	...	...	...
48	29.8	26.9	23.2	20.5	2.6	...	...	...	1.0	...	...	17.7	7.9	...	...	...	28
...	...	...	...	...	...	...	56.1 <sup>v</sup>	74.9 <sup>v</sup>	4.0 <sup>o</sup>	62.3	15.0	...	...	...	...	...	...
13	...	5.3	...	4.4	...	4.9	...	...	6.0	...	...	20.8	17.8	...	...	...	28
6	30.9	9.0	8.1	3.3	25.4	8.8	5.8 <sup>p,t,s</sup>	15.3 <sup>p,t,s</sup>	1.1	57.6	7.3	27.8	8.8	...	...	...	...
42	19.1	15.6	7.0	3.5	4.0	9.1	15.6 <sup>p,t</sup>	23.9 <sup>q</sup>	1.3	51.3	19.5	14.4	7.4	...	...	...	...
11	...	...	...	...	...	...	...	10.3 <sup>q</sup>	2.3	...	...	...	...	...	...	...	...
35	...	10.0	...	1.6	...	6.3	46.6 <sup>q</sup>	67.6 <sup>q</sup>	1.3	53.6	20.9	41.6	32.7	...	...	...	...
60	45.0	38.7	21.5	16.4	5.1	4.9	...	4.1 <sup>q</sup>	11.9	18.9	4.2	17.3	15.3	42	41	38	32
18	...	22.9	...	4.1	...	26.5	...	11.3 <sup>q</sup>	8.5	64.5	24.1	29.8	22.2	46	48	43	42
...	...	...	...	...	...	...	17.1 <sup>p,t</sup>	31.4 <sup>p,t</sup>	0.3	25.0	2.6	25.2	13.2	...	...	...	...
<1	...	...	...	...	...	...	24.0 <sup>p,t</sup>	24.0 <sup>p,t</sup>	11.5	26.1	23.5	...	...	...	...	...	...
41	48.3	44.4	25.3	16.7	3.3	4.9	...	4.4 <sup>q</sup>	5.2	23.8	4.0	12.4 <sup>m</sup>	8.8 <sup>m</sup>	29	21	40	45
12	3.2	3.9	0.9	1.3	5.4	8.0	31.1 <sup>p,t</sup>	33.2 <sup>p,t</sup>	8.5	25.4	19.3	18.2	15.9	...	...	...	...
57	13.4	13.9	3.9	6.0	9.6	9.4	18.0 <sup>p,t</sup>	22.0 <sup>p,t</sup>	6.6	38.7	28.5	21.4	24.5	...	...	...	...
26	39.0	19.6	15.3	4.4	18.5	12.8	5.4 <sup>v</sup>	7.1 <sup>q,s</sup>	1.8	23.4	3.4	2.7 <sup>m</sup>	1.6 <sup>m</sup>	...	...	...	31
40	25.7	...	10.6	...	...	...	14.4 <sup>v</sup>	25.2 <sup>v</sup>	0.8 <sup>o</sup>	49.6	7.2	34.1	19.6	...	...	...	...
...	18.3	15.6	4.1	3.7	5.2	6.1	...	...	6.9	31.6	26.5	13.0 <sup>m</sup>	12.2 <sup>m</sup>	...	...	...	...
17	43.7	30.5	31.1	20.2	1.8	3.0	0.3 <sup>p,t</sup>	0.6 <sup>p,t</sup>	1.2	44.0	2.4	6.5	1.5	58	...	50	42
12	59.3	57.7	47.6	43.1	3.7	5.0	...	...	0.0	29.1	5.8	14.5	10.5	...	...	...	...
61	57.9	45.8	19.6	14.9	12.3	8.4	...	5.4 <sup>q</sup>	2.3	20.9	4.6	25.7 <sup>m</sup>	25.6 <sup>m</sup>	28	33	37	34
22	33.7	35.8	11.5	14.0	10.6	9.1	3.9 <sup>p,t</sup>	7.2 <sup>q</sup>	3.8	32.9	4.2	14.9 <sup>m</sup>	8.2 <sup>m</sup>	36	41	46	44

# 5. Risk factors

62+2>六九  
376+6.18-50+45  
Y2M.Y014  
81:4CL-3

Member State	MDG 7 Population using improved drinking-water sources <sup>a</sup> (%)						MDG 7 Population using improved sanitation <sup>a</sup> (%)						Population using solid fuels <sup>b</sup> (%)			Low birth-weight newborns <sup>c</sup> (%)
	Urban		Rural		Total		Urban		Rural		Total		Urban	Rural	Total	
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008	2007			

## RANGES OF COUNTRY VALUES

Minimum	30	52	8	9	17	30	11	15	0	3	4	9	<5	<5	<5	0
Median	97	98	74	87	88	94	91	92	60	75	74	84	18	80	15	9
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	>95	99	>95	34

## WHO REGION

African Region	84	84	36	48	50	61	47	47	23	26	30	34	51	90	78	14
Region of the Americas	97	98	74	85	91	96	89	92	60	70	81	87	<5	53	9	8
South-East Asia Region	91	93	67	83	73	86	54	60	16	31	26	40	28	87	62	24
European Region	99	99	91	94	96	98	97	97	85	87	94	94	...	24	<5	6
Eastern Mediterranean Region	95	93	76	76	85	83	85	83	32	45	53	61	14	58	34	21
Western Pacific Region	97	98	58	83	71	90	64	69	42	56	49	62	23	71	43	6

## INCOME GROUP

Low income	86	86	48	60	57	67	46	52	22	37	27	42	62	90	83	15
Lower middle income	93	95	62	81	71	86	58	62	28	40	37	49	23	76	51	17
Upper middle income	96	98	74	87	89	95	87	90	56	68	77	85	<5	34	10	7
High income	100	100	97	98	99	100	100	100	99	99	100	100	...	...	<5	8

GLOBAL	95	96	63	78	77	87	77	76	35	45	52	60	21	76	42	15
--------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Infants exclu- sively breastfed for the first 6 months of life <sup>d</sup> (%)	Children aged <5 years <sup>e</sup> (%)						Adults aged ≥15 years who are obese <sup>f</sup> (%)		Alcohol consump- tion among adults aged ≥15 years <sup>g</sup> (litres of pure alcohol per person per year)	Prevalence of smoking any tobacco product among adults aged ≥15 years <sup>h</sup> (%)		Prevalence of current tobacco use among ado- lescents aged 13–15 years <sup>i</sup> (%)		MDG 6 Prevalence of condom use by adults aged 15–49 years at higher-risk sex <sup>j</sup> (%)		MDG 6 Population aged 15–24 years with comprehensive correct knowledge of HIV/AIDS <sup>k</sup> (%)	
	Stunted		MDG1 Underweight		Overweight		Male	Female		Male	Female	Male	Female	Male	Female	Male	Female
	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990– 1999	2000– 2009											
<1	0.0	1.3	0.0	0.5	0.4	0.6	0.3	0.6	0.0	9.0	0.2	2.7	1.5	7	<1	5	3
29	31.7	29.1	14.1	11.8	5.7	6.8	14.4	15.0	4.5	33.3	9.3	20.8	13.1	31	22	34	26
88	62.4	63.1	52.0	43.5	25.4	26.5	57.4	74.9	16.2	70.1	54.0	65.8	54.1	74	66	62	65
31	...	...	...	...	...	...	...	...	4.3	17.7	2.8	20.1	13.1	...	...	30	23
31	...	...	...	...	...	...	...	...	6.7	26.8	17.0	20.8	19.5	...	...	...	...
43	...	...	...	...	...	...	...	...	0.7	39.4	4.6	20.7	7.7	...	...	36	21
23	...	...	...	...	...	...	...	...	9.5	44.6	24.3	21.5	16.6	...	...	...	...
36	...	...	...	...	...	...	...	...	0.3	32.0	4.4	17.8	10.3	...	...	...	...
...	...	...	...	...	...	...	...	...	4.7	56.5	4.8	9.5	5.4	...	...	...	...
38	...	...	...	...	...	...	...	...	1.6	30.9	4.8	15.2	9.8	...	...	0	0
37	...	...	...	...	...	...	...	...	2.8	47.7	4.4	16.7	8.0	...	...	33	24
34	...	...	...	...	...	...	...	...	6.6	41.1	19.1	23.3	19.4	...	...	...	...
12	...	...	...	...	...	...	...	...	9.4	33.1	19.8	...	15.5	...	...	...	...
36	...	...	...	...	...	...	...	...	4.4	41.1	8.9	17.5	10.4	...	...	...	...



## Health workforce, infrastructure and essential medicines

This section presents data on the resources available to the health system – this includes physicians; nurses and midwives; other health-care workers; and hospital beds. The table also includes the MDG target<sup>23</sup> indicator on access to essential medicines. Such data are essential in enabling governments to determine how best to meet the health-related needs of their populations.

Estimates of the numbers and density of the health workforce (Figure 12 and Box 5) refer to the active health workforce – i.e. those currently participating in the health labour market. The data are derived from multiple sources, including national population censuses; labour-force and employment surveys; health-facility assessments; and routine administrative information systems.<sup>24</sup>

This diversity of sources means there is considerable variability in the coverage and quality of the data. Figures may be under-estimated or over-estimated where it is not possible to distinguish whether they include health workers in the private sector, or to identify the double counting of health workers holding two or more jobs at different locations. In addition health service providers may be working outside the health-care sector, working in unpaid and/or unregulated conditions, or not currently engaged in the national health labour market.

The density of hospital beds can be used to indicate the availability of inpatient services. Statistics on hospital-bed density are generally drawn from routine administrative records but in some settings only public-sector beds are included.

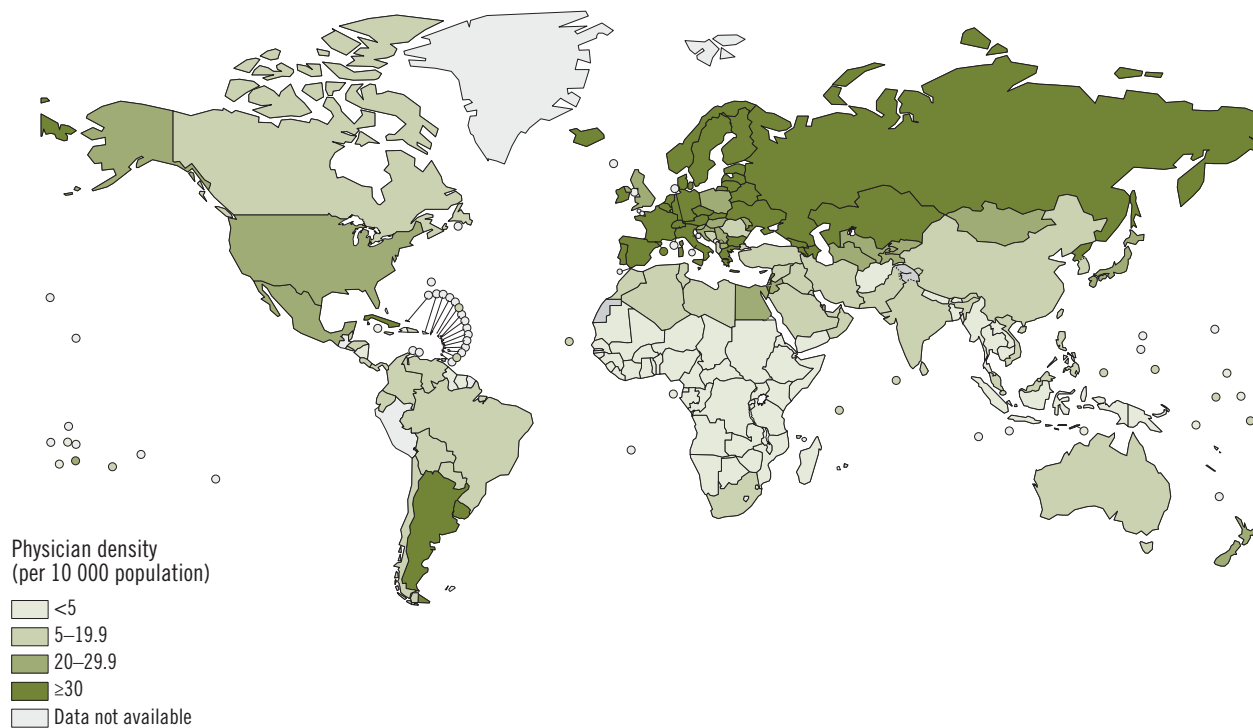
Data on the availability of medicines are poor in most developing countries. However, data on availability and consumer prices for selected generic medicines have been derived from surveys of medicine prices and availability conducted using WHO/Health Action International (HAI) standard methods between 2001 and 2008. In individual surveys, availability is reported as the percentage of medicine outlets in which a medicine was found on the day of data collection. As baskets of medicines differ by country, results are not strictly comparable across countries. The consumer price ratio is an expression of how much greater or less the local medicine price is than the international reference price.

<sup>23</sup> MDG 8; Target 8.E: In cooperation with pharmaceutical companies, provide access to affordable essential drugs in developing countries.

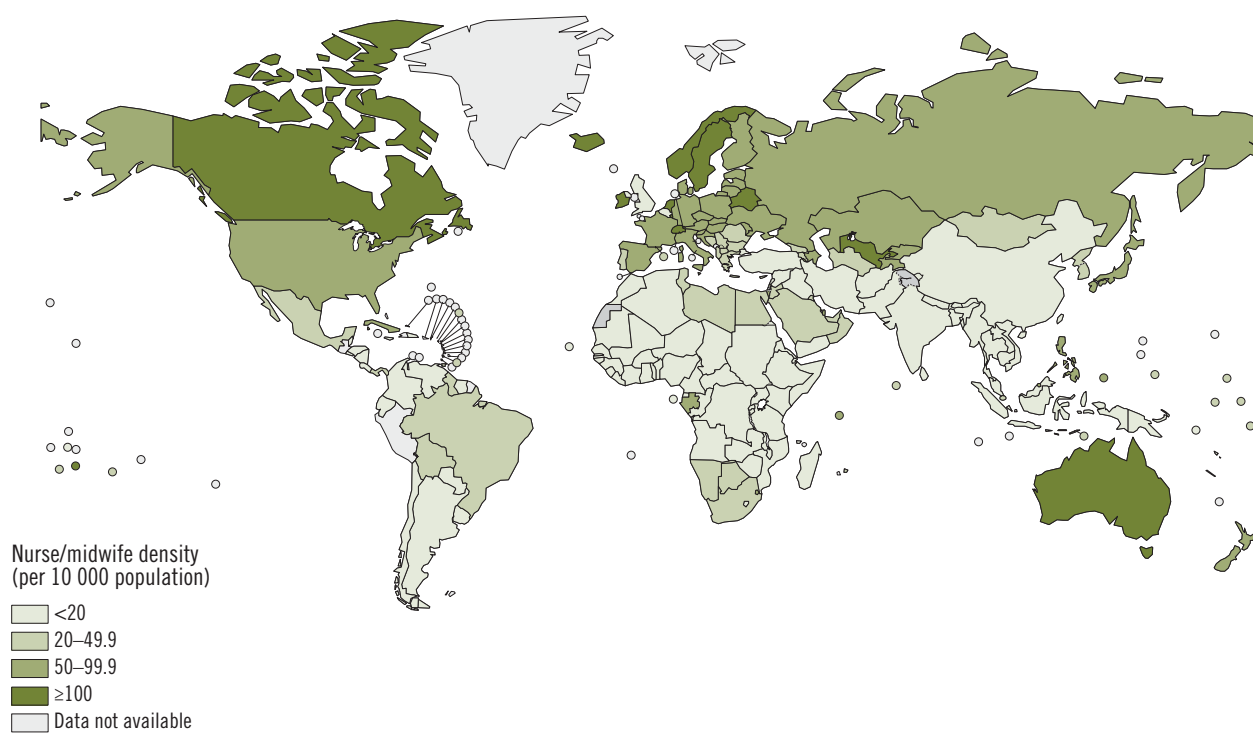
<sup>24</sup> These include registries on public expenditure, staffing and payroll, as well as records of professional training, registration and licensure.

Figure 12: Global distribution of the health workforce (per 10 000 population) 2000–2009

Physicians



Nurses





**Box 5: Health workforce distribution**

Figure 12 illustrates the density of physicians and nursing and midwifery personnel as the number of physicians and nurses/midwives per 10 000 population. From the data presented, three major conclusions emerge:

In general, countries with the lowest density for both physicians and nurses/midwives are in the WHO African Region.

European countries have the highest physician densities.

The highest nurse/midwife densities are found in the more-developed regions of the world.

# 6. Health workforce, infrastructure and essential medicines

62+  
31:4  
81:4  
3

Member State	Health workforce <sup>a</sup>							
	Physicians		Nursing and midwifery personnel		Dentistry personnel		Pharmaceutical personnel	
	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)
	2000–2009		2000–2009		2000–2009		2000–2009	
Afghanistan	5 970	2	14 930	5	900	<0.5	900	<0.5
Albania	3 626	11	12 746	40	1 035	3	1 237	4
Algeria	40 857	12	65 919	19	11 010	3	8 232	2
Andorra	249	37	280	42	47	7	73	11
Angola	1 165	1	18 485	13	222	<0.5	919	1
Antigua and Barbuda	...	...	...	...	...	...	...	...
Argentina	122 623	32	18 685	5	35 592	9	19 510	5
Armenia	11 088	37	14 601	49	1 163	4	163	1
Australia	19 612	10	222 133	109	29 624	15	15 339	8
Austria	31 175	38	54 580	66	4 490	5	5 076	6
Azerbaijan	32 388	38	71 833	84	2 522	3	1 609	2
Bahamas	...	...	...	...	...	...	...	...
Bahrain	2 227	30	4 354	58	334	4	644	9
Bangladesh	42 881	3	39 471	3	2 344	<0.5	9 411	1
Barbados	...	...	...	...	...	...	...	...
Belarus	46 965	49	121 114	126	4 784	5	2 994	3
Belgium	44 124	42	5 505	5	8 305	8	12 109	12
Belize	251	11	303	13	32	1	...	...
Benin	542	1	7 129	8	37	<0.5	20	<0.5
Bhutan	52	<0.5	545	2	65	<0.5	87	<0.5
Bolivia (Plurinational State of)	10 329	12	18 091	21	5 997	7	4 670	6
Bosnia and Herzegovina	5 540	14	18 332	47	629	2	308	1
Botswana	715	4	4 753	26	38	<0.5	333	2
Brazil	320 013	17	549 423	29	217 217	12	104 098	6
Brunei Darussalam	400	11	2 120	61	70	2	30	1
Bulgaria	27 911	37	35 645	47	6 432	8	1 020	1
Burkina Faso	921	1	10 539	7	28	<0.5	347	<0.5
Burundi	200	<0.5	1 348	2	14	<0.5	76	<0.5
Cambodia	2 047	2	11 125	8	209	<0.5	564	<0.5
Cameroon	3 124	2	26 042	16	147	<0.5	700	<0.5
Canada	62 307	19	327 224	100	38 310	12	27 078	8
Cape Verde	310	6	714	13	11	<0.5	43	1
Central African Republic	331	1	1 613	4	13	<0.5	17	<0.5
Chad	345	<0.5	2 499	3	15	<0.5	37	<0.5
Chile	17 250	11	10 000	6	6 750	4	...	...
China	1 862 630	14	1 259 240	10	136 520	1	351 620	3
Colombia	58 761	14	23 940	6	33 951	8	...	...
Comoros	115	2	588	7	29	<0.5	41	1
Congo	401	1	3 492	8	12	<0.5	63	<0.5
Cook Islands	20	12	80	47	10	6	2	1
Costa Rica	5 204	13	3 653	9	1 905	5	2 101	5
Côte d'Ivoire	2 746	1	9 231	5	274	<0.5	413	<0.5
Croatia	11 799	26	25 397	56	3 265	7	2 607	6
Cuba	72 416	64	97 800	86	20 158	18	7 047	6
Cyprus	1 950	23	3 361	40	715	8	160	2
Czech Republic	36 815	36	91 311	90	6 948	7	5 785	6
Democratic People's Republic of Korea	74 597	33	93 414	41	8 315	4	13 497	6
Democratic Republic of the Congo	5 827	1	28 789	5	159	<0.5	1 200	<0.5
Denmark	17 226	32	53 133	98	4 266	8	3 723	7
Djibouti	140	2	450	6	60	1	41	1

Health workforce <sup>a</sup>				Hospital beds <sup>b</sup> (per 10 000 population)	MDG 8 Essential medicines			
Environment and public health workers		Community health workers			Median availability of selected generic medicines <sup>c</sup> (%)		Median consumer price ratio of selected generic medicines <sup>d</sup>	
Number	Density (per 10 000 population)	Number	Density (per 10 000 population)		Public	Private	Public	Private
2000–2009		2000–2009		2000–2009	2001–2008		2001–2008	
...	...	...	...	4	...	...	...	...
...	...	...	...	29	...	...	...	...
2 429	1	...	...	17 <sup>e</sup>	...	...	...	...
...	...	...	...	26	...	...	...	...
...	...	...	...	8 <sup>e</sup>	...	...	...	...
...	...	...	...	17	...	...	...	...
...	...	...	...	41	...	...	...	...
...	...	...	...	41	... <sup>f</sup>	... <sup>g</sup>	... <sup>f</sup>	3.4
...	...	1 012	<0.5	39	...	...	...	...
...	...	...	...	78	...	...	...	...
...	...	...	...	79	...	...	...	...
...	...	...	...	32	...	...	...	...
294	4	...	...	20	...	...	...	...
6 091	<0.5	21 000	1	4	...	...	...	...
...	...	...	...	76	...	...	...	...
...	...	...	...	112	...	...	...	...
...	...	...	...	53	...	...	...	...
...	...	...	...	12 <sup>h</sup>	...	...	...	...
217	<0.5	...	...	5 <sup>e</sup>	...	...	...	...
80	<0.5	195	1	17	...	...	...	...
...	...	...	...	11	31.9	86.7	3.5	4.5
...	...	...	...	30	...	...	...	...
172	1	...	...	18 <sup>e</sup>	...	...	...	...
167 080	10	...	...	24	...	...	...	...
...	...	...	...	26	...	...	...	...
...	...	...	...	64	...	...	...	...
36	<0.5	1 238	1	9 <sup>e</sup>	...	...	...	...
...	...	548	1	7 <sup>e</sup>	...	...	...	...
...	...	...	...	...	...	...	...	...
28	<0.5	...	...	15 <sup>e</sup>	58.3	52.5	2.2	13.6
1 375	<0.5	...	...	34	...	...	...	...
9	<0.5	65	1	21 <sup>e</sup>	...	...	...	...
55	<0.5	99	<0.5	12 <sup>e</sup>	...	...	...	...
230	<0.5	154	<0.5	4 <sup>e</sup>	31.3	13.6	3.9	15.1
...	...	...	...	23	...	...	...	...
...	...	...	...	30	19.2 <sup>i</sup>	10.0 <sup>i</sup>	1.5 <sup>j</sup>	1.1 <sup>i</sup>
...	...	...	...	10	86.7 <sup>i</sup>	87.9	... <sup>j</sup>	3.1
17	<0.5	...	...	22 <sup>e</sup>	...	...	...	...
19	<0.5	...	...	16 <sup>e</sup>	21.2	31.3	6.5	11.5
...	...	...	...	63	...	...	...	...
1 266	3	...	...	13	...	...	...	...
1 419	1	...	...	4 <sup>e</sup>	...	...	...	...
...	...	...	...	53	...	...	...	...
3 419	3	...	...	60	...	...	...	...
...	...	...	...	37	...	...	...	...
...	...	...	...	81	...	...	...	...
2 685	1	...	...	132	...	...	...	...
...	...	...	...	8 <sup>e</sup>	...	...	...	...
...	...	...	...	35	...	...	...	...
20	<0.5	...	...	...	...	...	...	...

Table 6

# 6. Health workforce, infrastructure and essential medicines

62+  
31:4  
81:4  
3

Member State	Health workforce <sup>a</sup>							
	Physicians		Nursing and midwifery personnel		Dentistry personnel		Pharmaceutical personnel	
	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)
	2000–2009		2000–2009		2000–2009		2000–2009	
Dominica	...	...	...	...	...	...	...	...
Dominican Republic	15 670	19	15 352	18	7 000	8	3 330	4
Ecuador	18 335	15	20 586	17	2 062	2	...	...
Egypt	179 900	24	248 010	34	25 170	3	92 540	12
El Salvador	7 938	12	5 103	8	3 465	5	...	...
Equatorial Guinea	153	3	271	5	15	<0.5	121	2
Eritrea	215	1	2 505	6	16	<0.5	107	<0.5
Estonia	4 414	33	9 247	70	1 175	9	869	7
Ethiopia	1 806	<0.5	19 158	2	93	<0.5	1 201	<0.5
Fiji	380	5	1 660	20	60	1	90	1
Finland	17 503	33	46 930	89	4 490	9	8 086	16
France	227 683	37	494 895	81	41 422	7	72 160	12
Gabon	395	3	6 778	50	66	1	63	1
Gambia	62	<0.5	927	6	23	<0.5	49	<0.5
Georgia	19 951	45	17 119	39	1 219	3	249	1
Germany	288 182	35	661 000	80	63 100	8	49 528	6
Ghana	2 587	1	22 834	10	148	<0.5	1 673	1
Greece	59 599	54	38 727	35	14 180	13	8 977	8
Grenada	...	...	...	...	...	...	...	...
Guatemala	...	...	...	...	...	...	...	...
Guinea	940	1	401	<0.5	33	<0.5	199	<0.5
Guinea-Bissau	78	<0.5	953	6	6	<0.5	38	<0.5
Guyana	366	5	1 738	23	30	<0.5	...	...
Haiti	...	...	...	...	...	...	...	...
Honduras	3 676	6	8 528	13	1 371	2	926	1
Hungary	27 957	28	92 488	92	4 245	4	5 483	5
Iceland	1 120	38	2 960	101	286	10	312	11
India	643 520	6	1 372 059	13	55 344	1	592 577	6
Indonesia	29 499	1	179 959	8	7 093	<0.5	7 580	<0.5
Iran (Islamic Republic of)	61 870	9	98 020	14	13 210	2	13 900	2
Iraq	15 994	5	31 782	10	3 515	1	3 357	1
Ireland	13 141	31	67 245	158	2 537	6	4 108	10
Israel	25 314	36	42 812	61	7 814	11	5 310	8
Italy	215 000	37	403 000	69	37 000	6	44 000	8
Jamaica	2 253	9	4 374	16	212	1	...	...
Japan	270 371	21	1 210 633	95	95 197	7	241 369	19
Jordan	15 279	26	18 555	32	4 891	8	8 087	14
Kazakhstan	57 387	39	115 944	78	5 717	4	12 651	9
Kenya	4 506	1	37 113	12	1 340	<0.5	3 094	1
Kiribati	20	2	260	30	3	<0.5	2	<0.5
Kuwait	4 840	18	9 940	37	810	3	1 340	5
Kyrgyzstan	12 395	23	30 495	57	1 021	2	86	<0.5
Lao People's Democratic Republic	2 000	3	5 600	10	...	...	...	...
Latvia	6 940	30	12 909	57	1 552	7	...	...
Lebanon	11 760	33	4 720	13	4 058	11	4 105	11
Lesotho	89	1	1 123	6	16	<0.5	62	<0.5
Liberia	51	<0.5	978	3	4	<0.5	269	1
Libyan Arab Jamahiriya	7 070	12	27 160	48	850	2	1 130	2
Lithuania	13 729	40	25 751	76	2 395	7	2 743	8
Luxembourg	1 326	29	4 820	104	359	8	405	8

Health workforce <sup>a</sup>				Hospital beds <sup>b</sup> (per 10 000 population)	MDG 8 Essential medicines			
Environment and public health workers		Community health workers			Median availability of selected generic medicines <sup>c</sup> (%)		Median consumer price ratio of selected generic medicines <sup>d</sup>	
Number	Density (per 10 000 population)	Number	Density (per 10 000 population)		Public	Private	Public	Private
2000–2009		2000–2009		2000–2009	2001–2008		2001–2008	
...	...	...	...	38	...	...	...	...
...	...	...	...	10 <sup>h</sup>	...	...	...	...
...	...	...	...	6 <sup>h</sup>	41.7	71.7	... <sup>k</sup>	5.0
9 531	1	...	...	21	...	...	...	...
...	...	...	...	8 <sup>h</sup>	53.8	69.2	... <sup>k</sup>	28.3
18	<0.5	308	6	19 <sup>h</sup>	...	...	...	...
88	<0.5	...	...	12 <sup>e</sup>	...	...	...	...
115	1	...	...	56	...	...	...	...
1 109	<0.5	24 571	3	2 <sup>h</sup>	52.9	88.0	1.3	2.2
...	...	...	...	21	... <sup>f</sup>	75.0	... <sup>f</sup>	2.7
...	...	...	...	68	...	...	...	...
...	...	...	...	72	...	...	...	...
150	1	...	...	13 <sup>h</sup>	...	...	...	...
79	<0.5	117	1	11 <sup>e</sup>	...	...	...	...
...	...	...	...	33	...	...	...	...
...	...	...	...	83	...	...	...	...
35	<0.5	4 502	2	9 <sup>e</sup>	17.9	44.6	2.4	3.8
...	...	...	...	48	...	...	...	...
...	...	...	...	26	...	...	...	...
...	...	...	...	6 <sup>h</sup>	...	...	...	...
67	<0.5	...	...	3 <sup>e</sup>	...	...	...	...
58	<0.5	2 355	15	10 <sup>e</sup>	...	...	...	...
...	...	...	...	19	...	...	...	...
...	...	...	...	13	...	...	...	...
215	<0.5	...	...	7 <sup>h</sup>	...	...	...	...
...	...	...	...	71	...	...	...	...
...	...	...	...	75	...	...	...	...
...	...	50 393	<0.5	9	20.5 <sup>l</sup>	75.4 <sup>l</sup>	... <sup>k</sup>	1.8 <sup>l</sup>
6 493	<0.5	...	...	6	46.7	62.1	2.5	2.8
10 004	1	25 242	4	14	96.7	96.7	1.3	1.3
2 601	1	149	<0.5	13	...	...	...	...
...	...	...	...	53	...	...	...	...
...	...	...	...	58	...	...	...	...
...	...	...	...	39	...	...	...	...
...	...	...	...	17 <sup>h</sup>	...	...	...	...
...	...	...	...	139	...	...	...	...
1 412	3	...	...	18	27.8	80.0	0.9	10.5
...	...	...	...	77	0.0	70.0	4.8	3.7
6 496	2	...	...	14 <sup>e</sup>	37.7	72.4	2.0	3.3
...	...	...	...	15	...	...	...	...
...	...	...	...	18	12.0	0.0	... <sup>k</sup>	15.7
...	...	...	...	51	... <sup>f</sup>	80.0	... <sup>f</sup>	2.6
...	...	...	...	12	...	...	...	...
...	...	...	...	76	...	...	...	...
...	...	...	...	34	0.0	83.8	... <sup>k</sup>	6.1
55	<0.5	...	...	13 <sup>e</sup>	...	...	...	...
40	<0.5	...	...	7 <sup>e</sup>	...	...	...	...
...	...	...	...	37	...	...	...	...
...	...	...	...	81	...	...	...	...
...	...	...	...	63	...	...	...	...

Table 6

# 6. Health workforce, infrastructure and essential medicines

02+  
31:4  
81:4  
3

Member State	Health workforce <sup>a</sup>							
	Physicians		Nursing and midwifery personnel		Dentistry personnel		Pharmaceutical personnel	
	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)
	2000–2009		2000–2009		2000–2009		2000–2009	
Madagascar	3 150	2	5 661	3	57	<0.5	175	<0.5
Malawi	257	<0.5	3 896	3	211	<0.5	293	<0.5
Malaysia	17 020	7	43 380	18	2 160	1	2 880	1
Maldives	302	9	886	27	14	<0.5	241	7
Mali	1 060	1	2 882	2	15	<0.5	214	<0.5
Malta	1 357	34	2 540	63	175	4	630	16
Marshall Islands	24	5	152	30	4	1	2	<0.5
Mauritania	445	1	2 303	7	93	<0.5	123	<0.5
Mauritius	1 303	11	4 604	37	233	2	1 428	12
Mexico	303 519	29	417 665	40	148 456	14	79 925	8
Micronesia (Federated States of)	60	6	250	23	10	1	20	2
Monaco	...	...	...	...	...	...	...	...
Mongolia	6 732	26	8 826	34	337	1	1 093	4
Montenegro	1 233	20	3 442	55	248	4	105	2
Morocco	18 269	6	24 328	8	3 091	1	7 366	2
Mozambique	548	<0.5	6 214	3	159	<0.5	817	<0.5
Myanmar	17 791	4	49 341	10	1 396	<0.5	127	<0.5
Namibia	598	3	6 145	31	113	1	288	1
Nauru	10	8	63	48	1	1	10	8
Nepal	5 384	2	11 825	5	359	<0.5	358	<0.5
Netherlands	64 417	39	248 810	151	8 113	5	2 871	2
New Zealand	8 190	21	33 249	87	1 620	4	3 920	10
Nicaragua	2 045	4	5 862	11	243	<0.5	...	...
Niger	288	<0.5	2 115	1	16	<0.5	21	<0.5
Nigeria	55 376	4	224 943	16	3 781	<0.5	18 682	1
Niue	4	20	22	110	2	10	1	5
Norway	18 143	39	76 173	163	4 108	9	3 239	7
Oman	4 908	18	10 394	39	524	2	1 200	5
Pakistan	127 859	8	62 651	4	15 790	1	8 102	1
Palau	30	16	120	60	...	...	...	...
Panama	4 431	15	8 158	28	2 231	8	2 526	9
Papua New Guinea	275	1	2 841	5	90	<0.5	...	...
Paraguay	6 355	11	10 261	18	3 182	6	1 868	3
Peru	...	...	...	...	...	...	...	...
Philippines	90 370	12	480 910	61	43 220	6	46 360	6
Poland	77 479	20	199 700	52	12 187	3	22 442	6
Portugal	36 138	34	50 955	48	6 149	6	10 320	10
Qatar	2 313	28	6 185	74	486	6	1 056	13
Republic of Korea	81 998	17	210 640	44	65 916	14	53 492	11
Republic of Moldova	11 167	27	27 815	66	1 566	4	2 993	7
Romania	41 455	19	90 698	42	4 360	2	901	<0.5
Russian Federation	614 183	43	1 214 292	85	45 628	3	11 521	1
Rwanda	221	<0.5	4 050	4	35	<0.5	14	<0.5
Saint Kitts and Nevis	46	11	198	47	17	4	21	5
Saint Lucia	...	...	...	...	...	...	...	...
Saint Vincent and the Grenadines	89	8	447	38	5	<0.5	...	...
Samoa	50	3	310	17	10	1	20	1
San Marino	...	...	...	...	...	...	...	...
Sao Tome and Principe	81	5	308	19	11	1	24	2
Saudi Arabia	41 870	16	93 735	36	6 049	2	15 043	6

Health workforce <sup>a</sup>				Hospital beds <sup>b</sup> (per 10 000 population)	MDG 8 Essential medicines			
Environment and public health workers		Community health workers			Median availability of selected generic medicines <sup>c</sup> (%)		Median consumer price ratio of selected generic medicines <sup>d</sup>	
Number	Density (per 10 000 population)	Number	Density (per 10 000 population)		Public	Private	Public	Private
2000–2009		2000–2009		2000–2009	2001–2008		2001–2008	
130	<0.5	385	<0.5	3 <sup>e</sup>	...	...	...	...
318	<0.5	10 055	7	11 <sup>e</sup>	...	...	...	...
...	...	...	...	18	25.0	43.8	... <sup>k</sup>	6.6
...	...	515	16	26	...	...	...	...
262	<0.5	68	<0.5	6 <sup>m</sup>	81.0	70.0	1.8	5.4
...	...	...	...	78	...	...	...	...
...	...	...	...	...	...	...	...	...
196	1	...	...	4 <sup>e</sup>	...	...	...	...
238	2	236	2	33 <sup>e</sup>	...	...	...	...
...	...	...	...	17 <sup>h</sup>	...	...	...	...
...	...	...	...	33	...	...	...	...
...	...	...	...	...	...	...	...	...
85	<0.5	...	...	60	100.0	80.0	2.6	4.2
...	...	...	...	40	...	...	...	...
737	<0.5	...	...	11	0.0	52.5	... <sup>k</sup>	11.1
564	<0.5	...	...	8 <sup>e</sup>	...	...	...	...
1 757	<0.5	44 293	9	6	...	...	...	...
240	1	...	...	27 <sup>h</sup>	...	...	...	...
...	...	...	...	35	...	...	...	...
172	<0.5	16 206	6	50	...	...	...	...
...	...	...	...	48	...	...	...	...
...	...	5 259	14	62	...	...	...	...
...	...	...	...	9 <sup>h</sup>	50.0	87.1	... <sup>k</sup>	5.7
137	<0.5	...	...	3 <sup>e</sup>	...	...	...	...
4 280	<0.5	19 268	1	5 <sup>e</sup>	26.2	36.4	3.5	4.3
...	...	...	...	52	...	...	...	...
...	...	...	...	39	...	...	...	...
197	1	...	...	20	96.7	70.3	... <sup>k</sup>	7.4
106	<0.5	65 999	4	6	3.3	31.3	... <sup>k</sup>	2.3
...	...	...	...	50	...	...	...	...
948	3	...	...	22	...	...	...	...
...	...	...	...	...	...	...	...	...
133	<0.5	...	...	13	...	...	...	...
...	...	...	...	15	61.5	60.9	1.4	5.6
...	...	...	...	5	15.4	26.5	6.4	5.6
...	...	...	...	52	...	...	...	...
...	...	...	...	35	...	...	...	...
...	...	...	...	25	...	...	...	...
...	...	...	...	86	...	...	...	...
...	...	...	...	61	...	...	...	...
...	...	...	...	65	...	...	...	...
72 515	5	...	...	97	...	...	...	...
36	<0.5	12 000	14	16 <sup>e</sup>	...	...	...	...
17	4	65	15	55	...	...	...	...
...	...	...	...	28	...	...	...	...
...	...	45	4	30	...	...	...	...
...	...	...	...	10	...	...	...	...
...	...	...	...	...	...	...	...	...
19	1	150	9	32 <sup>e</sup>	56.3	22.2	2.4	13.8
...	...	...	...	22	...	...	...	...

Table 6

# 6. Health workforce, infrastructure and essential medicines

62+  
81:4  
3

Member State	Health workforce <sup>a</sup>							
	Physicians		Nursing and midwifery personnel		Dentistry personnel		Pharmaceutical personnel	
	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)
	2000–2009		2000–2009		2000–2009		2000–2009	
Senegal	741	1	5 254	4	105	<0.5	127	<0.5
Serbia	20 013	20	43 569	44	2 455	3	1 910	2
Seychelles	121	15	634	79	94	12	61	8
Sierra Leone	95	<0.5	991	2	24	<0.5	192	<0.5
Singapore	6 380	15	18 710	44	1 190	3	1 280	3
Slovakia	16 868	31	35 757	66	2 441	5	2 637	5
Slovenia	4 766	24	15 361	78	1 202	6	944	5
Solomon Islands	60	1	630	13	...	...	...	...
Somalia	300	<0.5	965	1	...	...	50	<0.5
South Africa	34 829	8	184 459	41	5 995	1	12 521	3
Spain	163 800	38	322 600	74	24 515	6	39 900	9
Sri Lanka	10 479	6	33 431	17	1 245	1	1 066	1
Sudan	11 083	3	33 354	9	944	<0.5	1 531	<0.5
Suriname	191	5	688	16	4	<0.5	...	...
Swaziland	171	2	6 828	63	32	<0.5	70	1
Sweden	32 495	36	104 958	116	7 541	8	6 605	7
Switzerland	28 812	40	79 153	110	3 847	5	4 269	6
Syrian Arab Republic	10 342	5	27 288	14	2 306	1	89	5
Tajikistan	13 267	20	33 165	50	1 003	2	680	1
Thailand	18 987	3	84 683	14	4 471	1	7 350	1
The former Yugoslav Republic of Macedonia	5 187	25	8 833	43	1 175	6	908	4
Timor-Leste	79	1	1 795	22	45	1	14	<0.5
Togo	349	1	1 816	3	19	<0.5	11	<0.5
Tonga	30	3	350	34	10	1	4	<0.5
Trinidad and Tobago	1 543	12	4 677	36	294	2	641	5
Tunisia	13 330	13	28 537	29	2 452	3	2 909	3
Turkey	110 482	15	144 229	19	17 985	2	24 756	3
Turkmenistan	12 104	24	22 419	45	701	1	970	2
Tuvalu	10	9	50	45	2	2	2	2
Uganda	3 361	1	37 625	13	440	<0.5	762	<0.5
Ukraine	143 728	31	388 444	84	19 169	4	22 257	5
United Arab Emirates	6 946	15	13 936	46	1 368	4	2 006	7
United Kingdom	126 126	21	37 200	6	25 914	4	...	...
United Republic of Tanzania	300	<0.5	9 440	2	230	<0.5	81	<0.5
United States of America	793 648	27	2 927 000	98	463 663	16	249 642	9
Uruguay	12 384	37	2 880	8	3 936	12	...	...
Uzbekistan	71 627	26	295 781	108	4 748	2	899	<0.5
Vanuatu	30	1	360	17	...	...	...	...
Venezuela (Bolivarian Republic of)	48 000	19	28 000	11	13 680	6	...	...
Viet Nam	44 960	6	61 810	8	...	...	24 080	3
Yemen	6 739	3	13 746	7	850	<0.5	2 638	1
Zambia	649	1	8 369	7	56	<0.5	108	<0.5
Zimbabwe	2 086	2	9 357	7	310	<0.5	883	1



Health workforce <sup>a</sup>				Hospital beds <sup>b</sup> (per 10 000 population)	MDG 8 Essential medicines			
Environment and public health workers		Community health workers			Median availability of selected generic medicines <sup>c</sup> (%)		Median consumer price ratio of selected generic medicines <sup>d</sup>	
Number	Density (per 10 000 population)	Number	Density (per 10 000 population)		Public	Private	Public	Private
2000–2009		2000–2009		2000–2009	2001–2008		2001–2008	
1 212	1	...	...	3 <sup>h</sup>	...	...	...	...
...	...	...	...	54	...	...	...	...
77	10	...	...	39 <sup>e</sup>	...	...	...	...
135	<0.5	132	<0.5	4 <sup>e</sup>	...	...	...	...
...	...	...	...	32	...	...	...	...
...	...	...	...	68	...	...	...	...
...	...	...	...	47	...	...	...	...
...	...	...	...	14	...	...	...	...
41	<0.5	...	...	...	...	...	...	...
2 529	1	...	...	28 <sup>e</sup>	... <sup>f</sup>	71.7 <sup>o</sup>	... <sup>f</sup>	6.5 <sup>o</sup>
...	...	...	...	34	...	...	...	...
1 541	1	...	...	31	...	...	...	...
2 897	1	4 716	1	7	51.7 <sup>o</sup>	77.1 <sup>o</sup>	4.4 <sup>o</sup>	4.7 <sup>o</sup>
...	...	...	...	31	...	...	...	...
110	1	4 000	37	21 <sup>e</sup>	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	55	...	...	...	...
...	...	...	...	15	... <sup>f</sup>	98.2	... <sup>f</sup>	2.5
...	...	...	...	61	75.0	85.0	2.4	2.3
2 151	<0.5	...	...	22	75.0	28.6	2.6	3.3
...	...	...	...	46	...	...	...	...
22	<0.5	10	<0.5	...	...	...	...	...
68	<0.5	...	...	9 <sup>e</sup>	...	...	...	...
...	...	...	...	24	...	...	...	...
...	...	...	...	27	...	...	...	...
890	1	...	...	20	64.3	95.1	... <sup>k</sup>	6.8
19 304	3	...	...	28	...	...	...	...
...	...	...	...	41	...	...	...	...
...	...	...	...	56	...	...	...	...
1 042	<0.5	...	...	4 <sup>e</sup>	20.0	80.0	... <sup>k</sup>	2.6
...	...	...	...	87	100.0	90.7	4.0	3.7
...	...	...	...	19	61.1	73.9	... <sup>k</sup>	13.8
...	...	...	...	39	...	...	...	...
1 831	1	...	...	11 <sup>e</sup>	23.4	47.9	1.3	2.7
...	...	...	...	31	...	...	...	...
...	...	...	...	29 <sup>h</sup>	...	...	...	...
...	...	...	...	48	... <sup>f</sup>	82.5	... <sup>f</sup>	2.0
...	...	...	...	37	...	...	...	...
...	...	...	...	13	...	...	...	...
...	...	...	...	28	...	...	...	...
792	<0.5	2 542	1	7	5.0	90.0	1.1	3.5
803	1	...	...	19 <sup>e</sup>	...	...	...	...
1 803	1	...	...	30 <sup>e</sup>	...	...	...	...

Table 6

# 6. Health workforce, infrastructure and essential medicines

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3

Member State	Health workforce <sup>a</sup>							
	Physicians		Nursing and midwifery personnel		Dentistry personnel		Pharmaceutical personnel	
	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)	Number	Density (per 10 000 population)
	2000–2009		2000–2009		2000–2009		2000–2009	

## RANGES OF COUNTRY VALUES

Minimum	4	<0.5	22	<0.5	1	<0.5	1	<0.5
Median	5 684	11	13 328	27	1 099	2	1 056	2
Maximum	1 862 630	64	2 927 000	163	463 663	18	592 577	19

## WHO REGION

African Region	174 510	2	802 076	11	25 798	<0.5	56 212	1
Region of the Americas	1 889 643	23	4 510 636	55	1 009 763	12	503 383	7
South-East Asia Region	843 571	5	1 867 409	11	80 691	<0.5	632 308	4
European Region	2 877 344	33	6 020 074	68	428 343	5	413 588	5
Eastern Mediterranean Region	549 009	10	773 040	14	87 658	2	168 034	3
Western Pacific Region	2 413 713	14	3 575 524	21	376 265	2	742 180	4

## INCOME GROUP

Low income	332 034	4	899 015	10	24 873	<0.5	65 479	1
Lower middle income	3 464 085	10	4 917 127	14	368 175	1	1 203 878	4
Upper middle income	2 126 466	24	3 566 218	40	621 351	7	331 961	4
High income	2 825 205	28	8 166 399	81	994 119	10	914 387	10

<b>GLOBAL</b>	<b>8 747 790</b>	<b>14</b>	<b>17 548 759</b>	<b>28</b>	<b>2 008 518</b>	<b>3</b>	<b>2 515 705</b>	<b>4</b>
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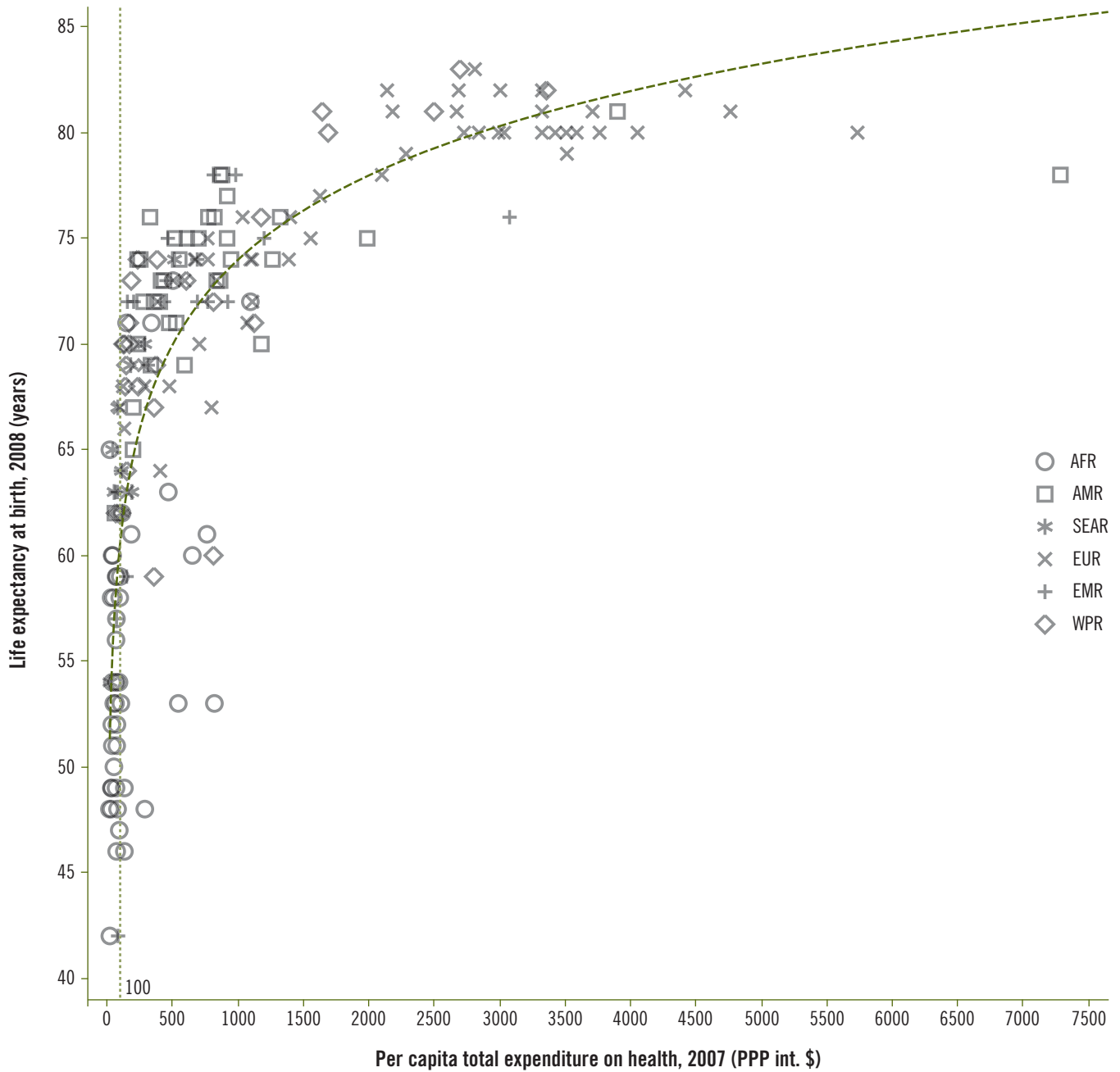
Health workforce <sup>a</sup>				Hospital beds <sup>b</sup> (per 10 000 population)	MDG 8 Essential medicines			
Environment and public health workers		Community health workers			Median availability of selected generic medicines <sup>c</sup> (%)		Median consumer price ratio of selected generic medicines <sup>d</sup>	
Number	Density (per 10 000 population)	Number	Density (per 10 000 population)		Public	Private	Public	Private
2000–2009		2000–2009		2000–2009	2001–2008		2001–2008	
9	<0.5	10	<0.5	2	0.0	0.0	0.9	1.1
230	<0.5	1 012	1	26	39.7	71.7	2.4	4.3
167 080	10	65 999	37	139	100.0	98.2	6.5	28.3
28 856	<0.5	...	...	9	...	...	...	...
...	...	...	...	24	...	...	...	...
...	...	132 612	1	11	...	...	...	...
...	...	...	...	63	...	...	...	...
29 522	1	98 648	3	12	...	...	...	...
...	...	...	...	38	...	...	...	...
28 602	<0.5	...	...	15	...	...	...	...
...	...	...	...	18	...	...	...	...
270 384	5	...	...	39	...	...	...	...
...	...	...	...	58	...	...	...	...
...	...	...	...	27	...	...	...	...



## Health expenditure

This section presents data on government, private, external, social security and out-of-pocket expenditures on health. These data are generated from information collected by WHO for over 10 years. The most comprehensive and consistent data on health financing are generated from national health accounts (NHAs) that collect expenditure information within an internationally recognized framework. NHAs trace financing as it flows from funding sources, to decision-makers who decide upon the use of the funds, to the providers and beneficiaries of health services. Not all countries maintain or update NHAs – in such cases data are obtained through technical contacts in the country or from publicly available documents and reports. Missing values are estimated using various accounting techniques depending on the data available for each country. WHO sends all such estimates to the respective ministries of health every year for validation. As a general rule, life expectancy rises with increasing per capita total health expenditure; however, there are diminishing returns (Figure 13 and Box 6).

Figure 13: Life expectancy at birth against per capita total health expenditure



**Box 6: Life expectancy and per capita total health expenditure**

In Figure 13, each shape represents one country coded according to WHO region. Three major conclusions can be drawn from the data:

As a general rule, life expectancy rises with increasing per capita total health expenditure; however, there are diminishing returns – the highest levels of per capita health expenditure are associated with only modest or no improvements in life expectancy. In addition, a number of countries have achieved high levels of life expectancy despite relatively lower per capita health expenditures.

In almost one quarter of countries, health expenditure in 2007 was less than 100 PPP int. \$ per capita – most of these countries are in the WHO African Region and three quarters of them had a life expectancy at birth of 60 years or lower in 2008.

Countries with the highest levels of per capita health expenditure are mainly those in the WHO Region of the Americas and the WHO European Region.

# 7. Health expenditure

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Member State	Health expenditure ratios <sup>a</sup>									
	Total expenditure on health as % of gross domestic product		General government expenditure on health as % of total expenditure on health <sup>b</sup>		Private expenditure on health as % of total expenditure on health <sup>b</sup>		General government expenditure on health as % of total government expenditure		External resources for health as % of total expenditure on health	
	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
Afghanistan <sup>d,e,f</sup>	6.5	7.6	2.9	23.6	97.1	76.4	6.7	3.7	0.8	20.2
Albania	6.4	7.0	36.3	41.2	63.7	58.8	7.1	9.5	6.0	3.9
Algeria	3.5	4.4	73.3	81.6	26.7	18.4	9.0	10.7	0.1	0.1
Andorra	7.6	7.6	64.8	69.8	35.2	30.2	19.1	21.3	0	0
Angola <sup>g</sup>	2.4	2.5	79.2	80.3	20.8	19.7	3.2	5.3	3.6	3.7
Antigua and Barbuda	4.8	4.7	69.0	69.4	31.0	30.6	12.1	10.6	3.6	0
Argentina	9.0	10.0	55.5	50.8	44.5	49.2	14.7	13.9	0	0.1
Armenia	6.4	4.4	17.7	47.3	82.3	52.7	4.6	10.4	8.5	15.2
Australia <sup>h</sup>	8.3	8.9	66.8	67.5	33.2	32.5	15.3	17.6	0	0
Austria	9.9	10.1	76.8	76.4	23.2	23.6	14.7	15.9	0	0
Azerbaijan <sup>i</sup>	4.8	3.7	18.1	26.8	81.9	73.2	4.2	3.8	3.9	0.8
Bahamas	6.0	7.3	47.6	51.0	52.4	49.0	14.5	15.5	0	0
Bahrain <sup>d</sup>	3.9	3.7	67.5	69.6	32.5	30.4	10.2	9.8	0	0
Bangladesh <sup>d,j</sup>	2.7	3.4	38.0	33.6	62.0	66.4	7.2	8.0	7.0	7.7
Barbados	6.3	7.0	65.8	64.0	34.2	36.0	11.7	11.9	4.0	0.7
Belarus	6.4	6.5	76.6	74.9	23.4	25.1	10.7	9.9	0.1	0.2
Belgium	9.1	9.4	71.8	74.1	28.2	25.9	13.3	14.4	0	0
Belize <sup>d</sup>	3.7	4.0	58.3	65.1	41.7	34.9	6.7	9.1	3.6	1.6
Benin	4.6	4.8	47.6	51.8	52.4	48.2	11.3	10.7	16.0	21.3
Bhutan <sup>i</sup>	5.2	4.1	73.6	80.3	26.4	19.7	8.6	10.7	27.1	19.6
Bolivia (Plurinational State of) <sup>k</sup>	6.1	5.0	60.1	69.2	39.9	30.8	9.8	9.9	6.0	0
Bosnia and Herzegovina	6.9	9.8	52.5	56.8	47.5	43.2	6.4	13.5	10.3	0.7
Botswana	4.4	5.7	61.0	74.6	39.0	25.4	6.9	13.0	0.5	4.0
Brazil	7.2	8.4	40.0	41.6	60.0	58.4	4.1	5.4	0.5	0
Brunei Darussalam	3.0	2.4	86.5	81.5	13.5	18.5	6.3	6.7	0	0
Bulgaria	6.1	7.3	59.6	57.2	40.4	42.8	8.5	10.7	2.0	0
Burkina Faso <sup>d</sup>	5.1	6.1	39.6	56.1	60.4	43.9	8.9	13.3	13.9	28.3
Burundi <sup>d,g</sup>	7.2	13.9	38.2	37.7	61.8	62.3	7.9	12.5	16.3	40.0
Cambodia <sup>d,l</sup>	5.8	5.9	22.5	29.0	77.5	71.0	8.7	11.2	9.4	16.4
Cameroon <sup>d,g</sup>	4.5	4.9	21.5	25.9	78.5	74.1	6.4	8.1	4.1	5.2
Canada	8.8	10.1	70.4	70.0	29.6	30.0	15.1	18.1	0	0
Cape Verde	4.6	4.5	73.5	74.6	26.5	25.4	9.6	10.5	13.5	15.5
Central African Republic	3.8	4.1	41.4	34.7	58.6	65.3	10.1	11.0	22.9	25.9
Chad	6.3	4.8	42.5	56.3	57.5	43.7	13.1	13.8	24.9	11.3
Chile	6.6	6.2	52.1	58.7	47.9	41.3	14.1	17.9	0.1	0
China	4.6	4.3	38.7	44.7	61.3	55.3	11.1	9.9	0.1	0.2
Colombia	6.8	6.1	80.9	84.2	19.1	15.8	21.4	18.8	0.3	0.1
Comoros <sup>g</sup>	2.8	3.3	54.1	57.2	45.9	42.8	9.5	8.4	26.4	20.9
Congo	2.1	2.4	57.7	70.4	42.3	29.6	4.8	5.1	4.6	5.4
Cook Islands <sup>i</sup>	3.8	4.4	90.6	91.7	9.4	8.3	9.8	12.4	2.2	16.3
Costa Rica	6.5	8.1	76.8	72.9	23.2	27.1	21.7	25.8	1.0	0.1
Côte d'Ivoire	5.3	4.2	24.8	24.0	75.2	76.0	7.2	4.8	5.1	5.0
Croatia	7.8	7.6	86.1	87.0	13.9	13.0	14.5	17.6	0.4	0
Cuba	6.7	10.4	90.9	95.5	9.1	4.5	11.9	14.5	0.1	0.1
Cyprus	5.7	6.6	41.7	45.6	58.3	54.4	6.4	7.0	0	0
Czech Republic	6.5	6.8	90.3	85.2	9.7	14.8	14.1	13.5	0	0
Democratic People's Republic of Korea	...	...	...	...	...	...	...	...	...	...
Democratic Republic of the Congo	3.7	5.8	1.1	20.8	98.9	79.2	0.4	6.4	3.7	47.8
Denmark	8.3	9.8	82.4	84.5	17.6	15.5	12.6	16.2	0	0
Djibouti	5.8	7.2	67.8	76.6	32.2	23.4	12.0	14.1	32.6	12.9



Health expenditure ratios <sup>a</sup>						Per capita health expenditures <sup>a</sup>							
Social security expenditure on health as % of general government expenditure on health		Out-of-pocket expenditure as % of private expenditure on health		Private prepaid plans as % of private expenditure on health		Per capita total expenditure on health at average exchange rate (US\$)		Per capita total expenditure on health <sup>c</sup> (PPP int. \$)		Per capita government expenditure on health at average exchange rate (US\$)		Per capita government expenditure on health <sup>c</sup> (PPP int. \$)	
2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
0	0	98.9	98.9	0	0	9	42	16	83	<1	10	<1	20
20.2	35.5	99.9	93.9	0	0	76	244	267	505	27	101	97	208
35.5	30.9	96.7	94.7	3.1	5.1	63	173	188	338	46	141	138	276
88.1	88.0	75.5	74.8	22.3	23.1	1 289	2 948	2 057	3 004	836	2 057	1 333	2 097
0	0	100	100	0	0	15	86	55	131	12	69	43	105
0	0	86.8	86.5	13.2	13.5	411	627	597	946	284	435	412	656
59.5	58.8	63.3	42.9	32.6	51.7	689	663	815	1 322	382	336	452	671
0	0	91.6	91.4	0	0.2	40	133	130	246	7	63	23	117
0	0	59.7	55.5	21.8	24.1	1 728	3 986	2 263	3 357	1 155	2 691	1 512	2 266
58.8	58.6	66.1	65.2	20.7	19.3	2 335	4 523	2 824	3 763	1 794	3 456	2 169	2 875
0	0	78.3	87.8	0.3	1.0	31	140	105	284	6	38	19	76
1.8	2.6	40.2	40.7	58.6	58.2	1 072	1 535	1 374	1 987	510	783	654	1 014
0.4	0.4	68.7	67.7	25.4	12.8	483	902	800	1 199	326	628	541	835
0	0	95.9	97.4	0.1	0	9	15	22	42	3	5	8	14
0	0.2	77.3	80.7	22.7	19.3	639	932	841	1 263	420	596	553	808
5.8	2.7	57.1	69.4	0.1	0.1	66	302	328	704	51	226	251	528
79.0	88.3	84.7	76.4	12.3	22.5	2 061	4 056	2 518	3 323	1 479	3 005	1 807	2 461
0	8.5	100	100	0	0	123	174	183	279	72	113	107	182
0.5	0.5	99.9	94.9	0.1	5.0	16	32	55	70	8	17	26	36
0	0	100	100	0	0	41	75	129	188	30	60	95	151
62.0	64.3	81.6	79.4	8.1	15.4	61	69	183	200	37	47	110	138
95.9	95.4	100	100	0	0	94	397	280	767	49	225	147	436
0	0	35.6	27.3	3.8	5.2	145	372	357	762	88	278	218	568
0	0	62.7	58.8	33.9	39.4	267	606	506	837	107	252	202	348
0	0	98.8	98.9	0.6	0.5	541	753	1 247	1 176	468	613	1 078	958
12.7	63.0	100	86.4	0	0.8	95	384	372	835	56	220	222	477
0.8	0.3	94.4	91.3	1.0	2.0	11	29	41	72	5	16	16	40
25.1	15.9	71.3	60.5	0.4	0.2	8	17	22	51	3	7	9	19
0	0	97.1	84.7	0	0	17	36	52	108	4	10	12	31
0.1	0	94.4	94.5	0	0	27	54	73	104	6	14	16	27
2.0	2.0	53.7	49.6	38.8	42.6	2 082	4 409	2 516	3 900	1 465	3 086	1 770	2 730
36.1	28.0	99.6	99.7	0.4	0.3	57	132	100	148	42	99	74	110
0	0	95.0	95.0	0	0	10	16	26	30	4	6	11	10
0	0	96.2	96.2	0.4	0.4	10	32	49	72	4	18	21	40
15.0	17.0	48.7	53.2	51.3	46.8	324	615	615	863	169	361	320	507
57.2	55.3	97.3	92.0	1.0	7.1	43	108	108	233	17	49	42	104
60.2	70.1	59.0	48.7	41.0	51.3	161	284	388	516	130	239	314	435
0	0	100	100	0	0	10	23	27	37	6	13	14	21
0	0	100	100	0	0	22	52	60	90	13	36	34	63
0	0	100	100	0	0	178	474	252	381	161	435	228	350
89.6	82.3	88.2	84.6	2.3	9.0	265	488	468	899	203	356	360	656
0	0	90.7	88.7	9.3	11.3	32	41	82	67	8	10	20	16
97.6	91.0	100	91.9	0	8.1	375	1 009	842	1 398	323	878	726	1 216
0	0	91.9	91.3	0	0	184	585	375	917	167	558	341	875
0	0.1	95.7	84.4	4.3	10.8	744	1 778	1 889	3 034	310	811	787	1 383
89.5	90.3	100	89.0	0	1.5	361	1 141	980	1 626	326	972	885	1 385
...	...	...	...	...	...	...	...	...	...	...	...	...	...
0	0	97.0	51.7	0	0	10	9	8	17	<1	2	<1	4
0	0	91.0	89.0	9.0	10.5	2 478	5 551	2 378	3 513	2 043	4 690	1 960	2 968
11.3	9.6	98.4	98.6	1.6	1.4	44	71	91	148	30	54	61	113

# 7. Health expenditure

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Member State	Health expenditure ratios <sup>a</sup>									
	Total expenditure on health as % of gross domestic product		General government expenditure on health as % of total expenditure on health <sup>b</sup>		Private expenditure on health as % of total expenditure on health <sup>b</sup>		General government expenditure on health as % of total government expenditure		External resources for health as % of total expenditure on health	
	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
Dominica	5.9	6.2	69.0	62.1	31.0	37.9	8.6	8.2	3.7	3.9
Dominican Republic	6.3	5.4	34.5	35.9	65.5	64.1	15.9	9.2	2.0	3.2
Ecuador	4.2	5.8	31.2	39.1	68.8	60.9	6.4	7.4	4.1	0.8
Egypt	5.5	6.3	39.6	38.1	60.4	61.9	7.3	7.1	1.0	1.1
El Salvador	8.0	6.2	45.2	58.9	54.8	41.1	14.3	14.3	0.9	3.7
Equatorial Guinea <sup>d,g,m</sup>	1.9	2.1	49.8	80.4	50.2	19.6	7.8	6.9	9.5	4.8
Eritrea <sup>g</sup>	5.5	3.3	49.7	45.3	50.3	54.7	4.0	4.2	24.6	46.5
Estonia	5.3	5.4	77.5	76.5	22.5	23.5	4.1	4.0	0.9	1.1
Ethiopia	4.3	3.8	53.6	58.1	46.4	41.9	8.5	10.2	16.5	43.9
Fiji	4.7	4.0	69.0	70.2	31.0	29.8	10.3	9.5	6.2	5.8
Finland	7.2	8.2	71.1	74.6	28.9	25.4	10.6	12.9	0	0
France	10.1	11.0	79.4	79.0	20.6	21.0	15.5	16.6	0	0
Gabon <sup>g</sup>	4.5	4.6	67.9	64.5	32.1	35.5	14.0	14.0	1.5	1.5
Gambia <sup>d</sup>	5.8	5.5	33.6	47.9	66.4	52.1	8.8	11.6	22.2	24.3
Georgia <sup>n</sup>	7.4	8.2	16.7	18.4	83.3	81.6	6.4	4.2	5.1	10.6
Germany	10.3	10.4	79.7	76.9	20.3	23.1	18.2	18.2	0	0
Ghana <sup>d</sup>	7.2	8.3	41.4	51.6	58.6	48.4	10.8	10.7	9.5	10.3
Greece	7.9	9.6	60.0	60.3	40.0	39.7	10.1	13.2	0	0
Grenada	6.1	7.1	68.4	51.1	31.6	48.9	13.2	8.2	0	0.2
Guatemala	6.2	7.3	39.8	29.3	60.2	70.7	16.7	14.1	3.4	1.4
Guinea	5.3	5.6	12.4	11.0	87.6	89.0	4.0	4.7	9.0	10.8
Guinea-Bissau <sup>g,o</sup>	6.2	6.1	16.2	25.9	83.8	74.1	2.3	4.0	46.5	35.0
Guyana	5.5	8.2	84.5	87.7	15.5	12.3	10.0	14.8	4.2	25.0
Haiti	6.3	5.3	27.7	23.3	72.3	76.7	16.0	9.2	9.4	37.7
Honduras	5.3	6.2	56.3	65.7	43.7	34.3	15.1	19.0	3.1	4.9
Hungary	7.0	7.4	70.7	70.6	29.3	29.4	10.6	10.5	0	0
Iceland	9.6	9.3	81.0	82.5	19.0	17.5	18.4	17.8	0	0
India <sup>d</sup>	4.4	4.1	24.5	26.2	75.5	73.8	3.8	3.7	0.5	1.4
Indonesia <sup>d</sup>	2.0	2.2	36.6	54.5	63.4	45.5	4.5	6.2	0	1.7
Iran (Islamic Republic of) <sup>p</sup>	5.9	6.4	37.0	46.8	63.0	53.2	9.6	11.5	0	0.1
Iraq <sup>q</sup>	1.4	2.5	28.7	75.0	71.3	25.0	1.3	3.1	26.5	25.3
Ireland	6.3	7.6	73.5	80.7	26.5	19.3	14.7	17.1	0	0
Israel	7.7	8.0	62.8	55.9	37.2	44.1	10.2	10.1	2.6	2.3
Italy	8.1	8.7	72.5	76.5	27.5	23.5	12.7	13.9	0	0
Jamaica	5.5	4.7	52.6	50.3	47.4	49.7	6.6	5.2	1.8	1.8
Japan	7.7	8.0	81.3	81.3	18.7	18.7	16.0	17.9	0	0
Jordan <sup>d,r</sup>	9.8	8.9	48.9	60.6	51.1	39.4	11.3	11.4	4.4	4.7
Kazakhstan	4.2	3.7	51.0	66.1	49.0	33.9	9.2	11.2	7.4	0.4
Kenya	4.5	4.7	48.2	42.0	51.8	58.0	11.6	7.8	8.3	24.1
Kiribati	10.8	19.1	98.8	84.0	1.2	16.0	8.7	10.3	29.6	30.5
Kuwait	3.0	2.2	77.5	77.5	22.5	22.5	6.7	5.4	0	0
Kyrgyzstan	4.7	6.5	44.3	54.0	55.7	46.0	8.3	9.8	9.9	11.3
Lao People's Democratic Republic	3.2	4.0	32.5	18.9	67.5	81.1	5.1	3.7	30.3	14.5
Latvia	6.0	6.2	54.4	57.9	45.6	42.1	8.8	10.0	0.5	0.2
Lebanon	10.9	8.8	30.0	44.7	70.0	55.3	7.8	11.7	2.1	4.9
Lesotho	6.7	6.2	51.0	58.3	49.0	41.7	6.5	7.9	3.1	11.5
Liberia <sup>d,g</sup>	9.2	10.6	14.6	26.2	85.4	73.8	9.0	16.6	5.6	57.7
Libyan Arab Jamahiriya <sup>g,s</sup>	3.7	2.7	61.7	71.8	38.3	28.2	7.2	5.4	0	0
Lithuania	6.5	6.2	69.7	73.0	30.3	27.0	11.6	12.9	1.7	2.5
Luxembourg	5.8	7.1	89.3	90.9	10.7	9.1	13.9	17.3	0	0

Health expenditure ratios <sup>a</sup>						Per capita health expenditures <sup>a</sup>							
Social security expenditure on health as % of general government expenditure on health		Out-of-pocket expenditure as % of private expenditure on health		Private prepaid plans as % of private expenditure on health		Per capita total expenditure on health at average exchange rate (US\$)		Per capita total expenditure on health <sup>c</sup> (PPP int. \$)		Per capita government expenditure on health at average exchange rate (US\$)		Per capita government expenditure on health <sup>c</sup> (PPP int. \$)	
2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
0	0	88.9	83.2	11.1	16.8	237	312	389	550	163	193	269	341
17.0	17.2	71.9	65.3	18.7	21.9	170	224	316	411	59	81	109	148
28.0	40.1	85.3	75.2	4.8	5.2	54	200	202	434	17	78	63	170
24.3	26.8	94.1	95.1	0.4	0.2	77	101	196	310	31	39	78	118
44.2	43.5	94.6	89.0	5.4	11.0	176	206	366	402	80	121	166	236
0	0	89.5	75.6	0	0	42	347	135	543	21	279	67	436
0	0	100	100	0	0	9	9	33	20	5	4	17	9
88.2	84.7	88.5	94.1	0	1.3	219	837	521	1 094	169	640	404	836
0	0	79.2	80.6	0.5	3.0	5	9	20	30	3	5	11	17
0	0	79.1	79.1	15.0	15.0	98	157	162	169	68	110	112	118
19.5	19.5	77.0	74.3	8.8	8.3	1 693	3 809	1 853	2 840	1 203	2 843	1 317	2 120
94.3	93.4	34.4	32.5	61.6	63.9	2 256	4 627	2 615	3 709	1 791	3 655	2 076	2 930
2.0	2.0	100	100	0	0	185	373	529	650	126	240	359	419
0	0	53.7	48.4	2.3	3.1	19	22	56	71	6	10	19	34
44.3	60.0	93.4	86.8	0.5	1.9	47	191	152	384	8	35	25	71
87.3	88.3	55.1	56.6	40.8	40.1	2 372	4 209	2 671	3 588	1 890	3 236	2 128	2 758
0	48.6	79.6	79.3	6.1	5.9	19	54	67	113	8	28	28	58
45.9	51.8	94.5	94.5	5.5	5.5	919	2 679	1 449	2 727	552	1 617	870	1 646
0	0	100	97.2	0	0	259	416	385	591	177	213	263	302
52.3	37.3	89.7	92.6	4.2	4.4	95	186	194	334	38	54	77	98
1.8	1.5	99.5	99.5	0	0	19	26	46	62	2	3	6	7
5.3	3.0	61.4	55.7	0	0	10	16	35	33	2	4	6	8
0	0	100	100	0	0	51	115	112	197	43	101	95	173
0	0	69.7	57.4	0	0	26	35	60	58	7	8	17	13
16.4	25.1	86.9	96.0	5.8	4.0	62	107	136	235	35	71	77	154
83.9	82.5	89.8	84.7	0.6	3.9	326	1 019	852	1 388	231	720	602	980
33.4	32.7	100	91.7	0	0	2 940	5 971	2 738	3 323	2 383	4 927	2 219	2 742
16.9	17.2	92.2	89.9	1.0	2.1	20	40	66	109	5	11	16	29
6.2	16.0	72.9	66.2	6.4	4.7	16	42	48	81	6	23	17	44
42.3	41.0	95.9	95.4	3.2	3.8	290	253	382	689	107	118	142	322
0	0	100	100	0	0	17	62	37	78	5	46	11	58
1.2	0.8	41.2	51.2	28.4	41.9	1 595	4 556	1 805	3 424	1 172	3 676	1 326	2 762
72.4	72.8	78.5	74.4	10.4	15.3	1 557	1 893	1 845	2 181	978	1 058	1 159	1 219
0.1	0.1	89.1	85.9	3.2	4.0	1 541	3 136	2 052	2 686	1 117	2 400	1 488	2 056
0	0	65.0	71.0	30.0	25.6	190	224	319	357	100	113	168	180
80.9	78.7	90.1	80.8	1.7	13.7	2 827	2 751	1 967	2 696	2 298	2 237	1 598	2 193
0.6	0.3	74.9	88.3	5.3	5.6	171	248	312	434	84	150	153	263
0	0	99.0	98.4	0.1	0.1	51	253	198	405	26	167	101	268
10.9	8.3	80.1	77.2	7.1	8.8	18	34	51	72	9	14	24	30
0	0	100	5.3	0	0	62	191	138	358	61	160	137	301
0	0	93.9	91.6	6.1	8.4	504	901	736	814	391	698	570	631
10.0	59.9	89.3	91.9	0	0	13	46	62	130	6	25	27	70
1.4	12.1	91.8	76.1	0	0.4	10	27	40	84	3	5	13	16
0	0	96.8	97.1	3.2	2.3	197	784	479	1 071	107	454	260	620
52.1	51.2	80.1	77.6	17.3	18.3	485	525	801	921	145	234	240	411
0	0	73.2	68.9	0	0	28	51	69	92	14	30	35	54
0	0	52.2	52.2	0	0	18	22	39	39	3	6	6	10
0	0	100	100	0	0	238	299	385	453	147	215	238	325
88.3	81.3	86.2	98.3	0.3	1.5	212	717	559	1 109	148	523	390	809
82.6	77.2	65.2	69.4	10.1	20.4	2 708	7 439	3 137	5 734	2 418	6 763	2 800	5 212

# 7. Health expenditure

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Member State	Health expenditure ratios <sup>a</sup>									
	Total expenditure on health as % of gross domestic product		General government expenditure on health as % of total expenditure on health <sup>b</sup>		Private expenditure on health as % of total expenditure on health <sup>b</sup>		General government expenditure on health as % of total government expenditure		External resources for health as % of total expenditure on health	
	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
Madagascar	3.7	4.1	66.5	66.2	33.5	33.8	14.0	14.8	20.1	17.8
Malawi <sup>i</sup>	6.1	9.9	43.8	59.7	56.2	40.3	8.6	11.9	26.9	59.9
Malaysia	3.2	4.4	52.4	44.4	47.6	55.6	6.2	6.9	0.6	0
Maldives <sup>d</sup>	9.6	9.8	51.6	65.4	48.4	34.6	13.5	10.5	2.0	1.2
Mali	6.3	5.7	32.9	51.4	67.1	48.6	9.5	11.8	7.8	19.8
Malta	6.8	7.5	72.5	77.5	27.5	22.5	12.0	13.7	0	0
Marshall Islands	20.3	14.7	98.0	97.4	2.0	2.6	21.1	14.6	36.9	66.1
Mauritania <sup>g</sup>	2.8	2.4	71.2	65.3	28.8	34.7	6.5	5.3	23.6	13.3
Mauritius	3.8	4.2	52.0	49.0	48.0	51.0	8.7	9.3	1.4	1.8
Mexico	5.1	5.9	46.6	45.4	53.4	54.6	16.6	15.5	1.0	0
Micronesia (Federated States of)	8.4	13.2	93.9	95.8	6.1	4.2	10.5	18.9	71.6	72.4
Monaco <sup>g</sup>	4.6	4.0	75.3	74.8	24.7	25.2	17.4	15.6	0	0
Mongolia	4.9	4.3	80.1	81.7	19.9	18.3	10.7	9.1	27.5	2.6
Montenegro <sup>h</sup>	8.3	8.9	58.1	57.2	41.9	42.8	22.0	26.4	0	0.5
Morocco	4.2	5.0	29.4	33.8	70.6	66.2	4.0	6.2	0.8	1.4
Mozambique	5.9	4.9	71.9	71.8	28.1	28.2	17.9	12.6	26.4	57.8
Myanmar <sup>v</sup>	2.1	1.9	13.4	11.7	86.6	88.3	1.2	0.9	1.1	7.6
Namibia <sup>d</sup>	6.1	7.6	68.9	42.1	31.1	57.9	13.1	11.1	3.8	10.6
Nauru <sup>i</sup>	11.3	15.1	72.7	70.9	27.3	29.1	11.2	32.1	9.8	27.8
Nepal <sup>d,i</sup>	5.1	5.1	24.9	39.7	75.1	60.3	7.7	10.9	15.2	17.8
Netherlands	8.0	8.9	63.1	82.0	36.9	18.0	11.4	16.2	0	0
New Zealand	7.7	9.0	78.0	78.9	22.0	21.1	15.6	18.0	0	0
Nicaragua	6.6	8.3	53.5	54.9	46.5	45.1	13.1	16.3	7.8	9.3
Niger	3.5	5.3	54.4	52.8	45.6	47.2	10.3	12.4	40.2	74.9
Nigeria <sup>d</sup>	4.6	6.6	33.5	25.3	66.5	74.7	4.2	6.5	16.2	2.2
Niue	8.0	18.6	98.2	98.9	1.8	1.1	6.2	15.1	4.5	49.1
Norway	8.4	8.9	82.5	84.1	17.5	15.9	16.4	18.3	0	0
Oman	3.1	2.4	81.8	78.7	18.2	21.3	7.1	5.2	0	0
Pakistan <sup>d,w</sup>	3.0	2.7	21.3	30.0	78.7	70.0	2.4	3.5	0.8	3.3
Palau <sup>d</sup>	9.5	10.8	89.1	78.4	10.9	21.6	11.3	12.6	38.9	39.9
Panama	7.8	6.7	68.1	64.6	31.9	35.4	21.3	11.6	1.0	0.2
Papua New Guinea	4.0	3.2	81.7	81.3	18.3	18.6	9.9	7.3	23.8	29.7
Paraguay	9.2	5.7	40.2	42.4	59.8	57.6	17.5	11.9	2.8	1.1
Peru	4.7	4.3	58.7	58.4	41.3	41.6	14.9	15.6	1.1	1.1
Philippines	3.4	3.9	47.6	34.7	52.4	65.3	7.0	6.7	3.5	1.3
Poland	5.5	6.4	70.0	70.9	30.0	29.1	9.4	10.8	0	0.1
Portugal	8.8	10.0	72.5	70.6	27.5	29.4	14.9	15.4	0	0
Qatar <sup>d</sup>	2.3	3.8	68.8	75.6	31.2	24.4	5.0	9.7	0	0
Republic of Korea	4.7	6.3	44.9	54.9	55.1	45.1	9.4	12.1	0	0
Republic of Moldova <sup>t</sup>	5.9	10.3	50.3	50.8	49.7	49.2	8.7	12.5	16.7	2.1
Romania	5.2	4.7	67.7	80.3	32.3	19.7	9.2	10.3	5.7	0
Russian Federation	5.4	5.4	59.9	64.2	40.1	35.8	9.6	10.2	0.2	0
Rwanda	4.2	10.3	39.2	47.0	60.8	53.0	8.2	19.5	52.0	52.3
Saint Kitts and Nevis	5.4	6.0	60.3	57.8	39.7	42.2	9.5	8.0	5.4	0
Saint Lucia	5.4	6.3	58.5	54.2	41.5	45.8	11.7	11.2	0.4	0
Saint Vincent and the Grenadines	5.7	5.4	64.0	61.3	36.0	38.8	10.8	7.6	0.2	0
Samoa <sup>d</sup>	5.6	5.0	70.9	84.5	29.1	15.5	10.8	12.8	17.3	12.0
San Marino	7.5	7.1	86.0	85.5	14.0	14.5	20.4	13.6	0	0
Sao Tome and Principe	10.2	11.2	35.7	47.1	64.3	52.9	9.0	13.2	28.6	21.7
Saudi Arabia <sup>d</sup>	3.7	3.4	81.7	79.5	18.3	20.5	9.2	8.4	0	0

Health expenditure ratios <sup>a</sup>						Per capita health expenditures <sup>a</sup>							
Social security expenditure on health as % of general government expenditure on health		Out-of-pocket expenditure as % of private expenditure on health		Private prepaid plans as % of private expenditure on health		Per capita total expenditure on health at average exchange rate (US\$)		Per capita total expenditure on health <sup>c</sup> (PPP int. \$)		Per capita government expenditure on health at average exchange rate (US\$)		Per capita government expenditure on health <sup>c</sup> (PPP int. \$)	
2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
0	0	52.8	67.9	10.8	15.1	9	16	30	41	6	11	20	27
0	0	42.4	28.4	9.1	15.7	9	17	37	50	4	10	16	30
0.6	0.8	75.4	73.2	11.9	14.4	128	307	304	604	67	136	159	268
0	0	73.8	72.0	0	4.6	220	343	270	514	113	224	140	336
0	0	99.1	99.5	0.1	0.5	16	34	50	67	5	18	16	34
0	0	96.9	89.2	3.1	9.0	637	1 362	2 903	4 053	462	1 056	2 104	3 140
35.0	12.3	100	100	0	0	418	371	378	357	410	361	370	348
0	0	100	100	0	0	12	22	35	47	8	14	25	31
0	0	74.6	81.5	8.3	10.1	145	247	299	502	76	121	156	246
67.6	58.9	95.3	93.1	4.7	6.9	328	564	508	819	153	256	236	372
21.4	22.2	100	100	0	0	170	285	217	373	160	273	204	357
98.5	98.4	83.1	81.4	16.9	18.6	3 775	7 338	1 785	2 139	2 843	5 492	1 345	1 601
24.5	33.0	70.6	84.4	0	0	22	64	89	138	18	52	71	112
98.8	81.4	60.8	57.1	0	0	124	550	501	1 107	72	314	291	633
0	26.9	76.6	86.3	23.4	13.7	54	120	109	202	16	40	32	68
0.3	0.3	45.2	42.1	1.0	1.5	14	18	26	39	10	13	19	28
3.1	1.6	99.2	95.1	0	0	3	7	12	21	<1	<1	2	2
1.8	2.9	18.2	5.8	77.3	64.4	131	319	252	467	90	134	174	196
0	0	24.4	84.4	0	0	375	673	858	812	273	477	624	575
0	0	91.2	90.8	0.1	0.4	12	20	43	53	3	8	11	21
93.9	93.4	24.3	33.5	43.0	34.5	1 916	4 243	2 337	3 509	1 209	3 481	1 474	2 878
0	11.6	69.9	71.7	28.5	23.5	1 055	2 790	1 623	2 497	823	2 202	1 266	1 971
27.0	27.6	91.6	93.0	0.6	1.6	54	92	131	232	29	51	70	127
2.7	1.4	87.6	96.4	11.3	3.2	5	16	16	35	3	9	9	18
0	0	92.7	95.9	5.1	3.1	17	74	59	131	6	19	20	33
0	0	100	100	0	0	322	1 724	308	1 123	316	1 706	303	1 111
17.1	14.3	95.5	95.1	0	0	3 156	7 354	3 039	4 763	2 604	6 184	2 507	4 005
0	0	64.4	61.3	21.3	23.2	252	375	619	688	206	296	506	542
6.2	4.2	80.3	82.1	0.2	0.3	15	23	48	64	3	7	10	19
0	0	100	40.3	0	43.3	594	873	545	812	529	685	485	637
50.0	49.3	81.3	82.7	18.7	17.3	306	396	560	773	208	256	381	500
0	0	56.0	41.3	5.5	6.2	26	31	69	65	21	25	57	53
53.0	39.2	88.6	97.0	10.9	1.3	122	114	309	253	49	48	124	107
49.5	42.4	81.3	75.3	15.0	20.8	96	160	229	327	57	94	134	191
14.7	22.3	77.2	83.7	11.1	9.8	33	63	79	130	16	22	37	45
82.6	82.7	93.2	83.2	0.8	1.9	247	716	583	1 035	173	507	408	733
1.3	1.2	80.8	77.5	11.1	13.8	970	2 108	1 509	2 284	704	1 489	1 095	1 613
0	0	84.5	88.2	0	0	659	2 403	1 453	3 075	453	1 816	1 000	2 324
79.5	77.7	83.2	79.2	8.5	9.2	536	1 362	809	1 688	240	748	363	927
0	67.6	97.9	97.6	0	0.4	21	127	86	281	10	65	43	142
89.4	83.2	100	98.8	0	1.1	87	369	298	592	59	296	202	475
40.3	38.7	74.7	83.0	8.1	9.6	96	493	412	797	57	316	247	512
6.4	3.9	40.7	44.4	0.9	10.2	9	37	25	95	4	18	10	45
0	0	94.2	94.4	5.8	5.6	387	623	540	863	233	360	326	499
4.9	3.4	95.3	94.4	4.7	5.6	244	361	417	608	143	195	244	330
0	0	100	100	0	0	176	272	303	474	113	166	194	290
0.3	0.7	81.3	76.1	0	0	73	152	154	237	52	129	109	200
100	85.4	96.0	96.3	4.0	3.7	2 150	3 878	2 265	2 810	1 849	3 317	1 948	2 404
0	0	55.5	58.9	0	0	56	103	...	183	20	48	...	86
0	0	41.3	32.2	18.3	30.3	338	531	647	768	276	422	529	610

# 7. Health expenditure

62+2>六九一零  
 31:4CL-3  
 2018-2019  
 2018-2019

Member State	Health expenditure ratios <sup>a</sup>									
	Total expenditure on health as % of gross domestic product		General government expenditure on health as % of total expenditure on health <sup>b</sup>		Private expenditure on health as % of total expenditure on health <sup>b</sup>		General government expenditure on health as % of total government expenditure		External resources for health as % of total expenditure on health	
	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
Senegal	4.4	5.7	37.5	56.0	62.5	44.0	8.8	12.1	17.2	8.5
Serbia <sup>u,y</sup>	10.3	9.9	78.5	61.8	21.5	38.2	20.9	13.8	0.8	0.4
Seychelles	5.3	5.1	75.3	70.2	24.7	29.8	8.4	8.9	5.6	2.2
Sierra Leone <sup>e</sup>	4.9	4.4	43.0	31.3	57.0	68.7	7.6	7.8	19.6	31.3
Singapore	3.5	3.1	36.2	32.6	63.8	67.4	6.2	7.2	0	0
Slovakia	6.6	7.7	85.0	66.8	15.0	33.2	27.7	29.9	0	0
Slovenia	8.3	7.8	74.0	71.5	26.0	28.3	13.1	13.2	0.2	0
Solomon Islands	5.2	4.6	91.6	92.4	8.4	7.6	17.9	15.4	14.8	43.6
Somalia <sup>e</sup>	2.6	...	44.8	...	55.2	...	4.2	...	9.0	...
South Africa <sup>d</sup>	8.5	8.6	40.5	41.4	59.5	58.6	10.9	10.8	0.3	0.8
Spain	7.2	8.5	71.6	71.8	28.4	28.2	13.2	15.6	0	0
Sri Lanka <sup>d</sup>	3.7	4.2	47.9	47.5	52.1	52.5	6.8	8.5	0.3	1.7
Sudan <sup>d,g</sup>	3.1	3.5	29.2	36.8	70.8	63.2	8.3	6.1	4.7	10.2
Suriname	7.5	7.6	48.8	47.4	51.2	52.6	9.7	13.3	10.9	1.8
Swaziland	5.7	6.0	58.6	62.5	41.4	37.5	11.6	9.1	5.5	7.9
Sweden	8.2	9.1	84.9	81.7	15.1	18.3	12.6	14.1	0	0
Switzerland	10.2	10.8	55.4	59.3	44.6	40.7	16.0	19.8	0	0
Syrian Arab Republic <sup>z</sup>	4.8	3.6	40.4	45.9	59.6	54.1	6.5	6.0	0.1	0.3
Tajikistan	4.6	5.3	20.4	21.5	79.6	78.5	4.9	3.6	2.3	7.8
Thailand <sup>d</sup>	3.4	3.7	56.1	73.2	43.9	26.8	10.0	13.1	0	0.3
The former Yugoslav Republic of Macedonia	7.6	7.1	70.9	65.6	29.1	34.4	15.8	14.1	3.2	1.0
Timor-Leste <sup>aa,ab,ac</sup>	8.8	13.6	70.9	84.6	29.1	15.4	12.7	14.9	52.7	35.0
Togo	4.8	6.1	29.9	24.9	70.1	75.1	8.0	7.7	6.6	10.1
Tonga	5.6	4.4	71.9	70.3	28.1	29.7	15.2	9.7	26.3	20.3
Trinidad and Tobago	3.9	4.8	42.8	56.1	57.2	43.9	5.7	9.4	4.7	0.1
Tunisia <sup>d</sup>	6.0	6.0	54.9	50.5	45.1	49.5	8.1	9.1	0.9	1.4
Turkey	4.9	5.0	62.9	69.0	37.1	31.0	9.8	10.3	0.1	0
Turkmenistan <sup>g,ad</sup>	3.9	2.6	81.7	52.1	18.3	47.9	13.7	10.3	1.4	0.3
Tuvalu	12.4	9.8	99.8	99.8	0.2	0.2	5.9	16.3	43.9	6.1
Uganda	6.6	6.3	26.8	26.2	73.2	73.8	7.3	9.8	28.3	31.6
Ukraine	5.9	6.9	48.9	57.6	51.1	42.4	8.4	9.2	0.5	0.3
United Arab Emirates	3.2	2.7	76.6	70.5	23.4	29.5	7.6	8.9	0	0
United Kingdom	7.0	8.4	79.3	81.7	20.7	18.3	14.3	15.6	0	0
United Republic of Tanzania <sup>d</sup>	3.8	5.3	43.4	65.8	56.6	34.2	9.1	18.4	27.8	49.9
United States of America	13.4	15.7	43.2	45.5	56.8	54.5	17.1	19.5	0	0
Uruguay <sup>d</sup>	11.2	8.0	54.6	74.0	45.4	26.0	20.5	17.3	0.1	0.1
Uzbekistan	5.7	5.0	44.1	46.1	55.9	53.9	6.0	7.9	6.2	1.6
Vanuatu	3.7	3.6	74.4	76.3	25.6	23.6	9.8	11.4	2.7	15.4
Venezuela (Bolivarian Republic of)	5.7	5.8	41.5	46.5	58.5	53.5	8.0	7.1	0.7	0
Viet Nam	5.4	7.1	30.1	39.3	69.9	60.7	6.6	8.7	2.5	1.6
Yemen <sup>d</sup>	4.5	3.9	53.8	39.6	46.2	60.4	8.3	4.5	8.0	7.4
Zambia	5.7	6.2	51.3	57.7	48.7	42.3	9.4	14.5	17.8	33.1
Zimbabwe <sup>e</sup>	10.0	8.9	53.0	46.3	47.0	53.7	10.7	8.9	1.3	0.2

Health expenditure ratios <sup>a</sup>						Per capita health expenditures <sup>a</sup>							
Social security expenditure on health as % of general government expenditure on health		Out-of-pocket expenditure as % of private expenditure on health		Private prepaid plans as % of private expenditure on health		Per capita total expenditure on health at average exchange rate (US\$)		Per capita total expenditure on health <sup>c</sup> (PPP int. \$)		Per capita government expenditure on health at average exchange rate (US\$)		Per capita government expenditure on health <sup>c</sup> (PPP int. \$)	
2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
8.5	4.0	91.7	78.5	7.1	17.9	21	54	57	99	8	30	21	56
59.5	93.4	84.7	91.7	0	0.5	71	408	443	769	56	252	348	475
5.0	3.7	63.0	62.5	0	0	402	564	856	1 094	303	396	644	768
0	0	75.2	58.8	3.0	3.8	7	14	18	32	3	4	8	10
4.8	15.3	97.0	93.9	0	2.8	803	1 148	1 167	1 643	290	375	422	536
86.5	89.9	76.4	79.1	0	0	248	1 077	720	1 555	211	720	612	1 040
93.9	92.7	44.1	48.6	51.0	45.3	707	1 836	1 447	2 099	523	1 313	1 070	1 501
0	0	66.7	66.7	0	0	42	54	81	123	39	50	75	113
0	...	100	...	0	...	8	...	18	...	4	...	8	...
3.3	3.0	25.0	29.7	69.9	66.2	251	497	551	819	101	206	223	340
9.6	7.0	83.1	74.6	13.7	20.8	1 036	2 712	1 536	2 671	742	1 947	1 100	1 917
0.3	0.1	83.3	86.7	12.2	9.1	33	68	102	179	16	32	49	85
8.2	11.3	100	100	0	0	11	40	37	71	3	15	11	26
40.7	41.7	44.0	60.2	0.8	0.8	152	361	350	527	74	171	171	250
0	0	42.4	42.3	18.9	17.4	78	151	203	287	46	95	119	180
0	0	91.1	87.0	1.2	1.1	2 280	4 495	2 283	3 323	1 936	3 673	1 938	2 716
72.8	72.2	74.0	75.0	23.8	22.6	3 529	6 108	3 217	4 417	1 956	3 620	1 783	2 618
0	0	100	100	0	0	240	68	159	154	97	31	64	70
0	0	99.0	94.4	0	0	6	29	41	93	1	6	8	20
9.4	9.7	76.9	71.7	12.8	19.5	67	136	159	286	38	100	89	209
97.5	92.2	100	100	0	0	136	277	452	669	97	182	321	439
0	0	43.4	37.2	0	0	34	58	69	116	24	49	49	98
12.5	12.9	86.6	84.2	5.4	4.3	16	33	43	68	5	8	13	17
0	0	82.9	84.7	9.4	3.6	88	108	164	167	63	76	118	117
0	0	86.3	89.7	7.2	6.5	244	785	449	1 178	104	440	192	661
28.9	42.8	80.3	84.3	17.9	14.0	123	211	290	463	67	107	159	234
55.5	50.3	74.6	71.8	11.8	14.4	194	465	432	677	122	320	272	467
6.6	8.8	100	100	0	0	44	139	134	153	36	72	110	80
0	0	100	100	0	0	160	292	122	150	160	291	122	149
0	0	56.7	51.0	0.1	0.2	15	28	46	74	4	7	12	20
0	0.5	93.4	92.4	1.0	1.8	38	210	195	475	19	121	95	274
0	0	69.4	64.9	20.2	25.4	699	1 253	805	982	536	883	616	693
0	0	64.8	62.7	15.6	6.9	1 769	3 867	1 833	2 992	1 403	3 161	1 454	2 446
0	3.3	83.5	75.0	4.5	10.4	10	22	29	63	4	14	12	41
33.5	27.9	25.5	22.6	60.3	63.5	4 703	7 285	4 703	7 285	2 032	3 317	2 032	3 317
27.4	35.1	31.2	50.3	14.9	34.5	773	582	916	916	422	431	500	678
0	0	97.0	98.0	0	0	32	41	82	121	14	19	36	56
0	0	71.6	71.6	10.7	10.7	48	79	115	145	35	61	85	111
34.6	33.7	90.9	88.1	3.2	3.2	273	477	480	697	113	222	199	324
19.7	32.3	91.7	90.2	4.1	2.7	22	58	76	183	6	23	23	72
0	0	94.5	97.8	2.2	1.6	25	43	87	104	13	17	47	41
0	0	80.5	67.6	0.7	3.7	18	57	50	79	9	33	26	46
0	0	45.5	50.4	34.3	28.8	66	79	26	20	35	36	14	9

# 7. Health expenditure

62+2>六九零  
 31:4CL-3  
 18:50+4/5  
 18:50+4/5  
 18:50+4/5

Member State	Health expenditure ratios <sup>a</sup>									
	Total expenditure on health as % of gross domestic product		General government expenditure on health as % of total expenditure on health <sup>b</sup>		Private expenditure on health as % of total expenditure on health <sup>b</sup>		General government expenditure on health as % of total government expenditure		External resources for health as % of total expenditure on health	
	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007

## RANGES OF COUNTRY VALUES

Minimum	1.4	1.9	1.1	11.0	0.2	0.2	0.4	0.9	0	0
Median	5.8	6.1	57.0	60.3	43.0	39.7	9.8	10.8	2.2	1.4
Maximum	20.3	19.1	99.8	99.8	98.9	89.0	27.7	32.1	71.6	74.9

## WHO REGION

African Region	5.9	6.2	43.5	45.3	56.5	54.7	8.7	9.6	5.4	6.9
Region of the Americas	12.0	13.6	44.8	47.2	55.2	52.8	15.5	17.1	0.1	0
South-East Asia Region	3.7	3.6	31.2	36.9	68.8	63.1	4.8	5.3	0.9	1.7
European Region	8.4	8.8	75.3	76.0	24.7	24.0	14.3	15.3	0.1	0
Eastern Mediterranean Region	4.2	4.1	52.8	55.5	47.2	44.5	7.3	7.5	1.0	1.8
Western Pacific Region	6.8	6.5	72.7	67.8	27.3	32.2	14.9	15.1	0.1	0.1

## INCOME GROUP

Low income	4.7	5.3	37.6	41.9	62.4	58.1	7.9	8.7	10.2	17.5
Lower middle income	4.4	4.3	37.0	42.4	63.0	57.6	7.5	7.8	1.1	1.0
Upper middle income	6.2	6.4	52.0	55.2	48.0	44.8	8.9	9.4	0.6	0.2
High income	10.2	11.2	59.4	61.3	40.6	38.7	15.6	17.2	0	0

<b>GLOBAL</b>	9.2	9.7	57.9	59.6	42.1	40.4	14.5	15.4	0.1	0.2
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Health expenditure ratios <sup>a</sup>						Per capita health expenditures <sup>a</sup>							
Social security expenditure on health as % of general government expenditure on health		Out-of-pocket expenditure as % of private expenditure on health		Private prepaid plans as % of private expenditure on health		Per capita total expenditure on health at average exchange rate (US\$)		Per capita total expenditure on health <sup>c</sup> (PPP int. \$)		Per capita government expenditure on health at average exchange rate (US\$)		Per capita government expenditure on health <sup>c</sup> (PPP int. \$)	
2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007	2000	2007
0	0	18.2	5.3	0	0	3	7	8	17	<1	<1	<1	2
1.0	2.0	86.8	84.4	1.7	3.6	110	248	270	434	62	136	142	263
100	98.4	100	100	77.3	66.2	4 703	7 439	4 703	7 285	2 843	6 763	2 800	5 212
7.1	8.3	53.0	60.1	39.1	32.5	35	76	86	137	15	34	38	63
31.9	26.0	30.1	28.0	56.8	59.4	1 849	2 911	1 983	3 046	829	1 374	896	1 437
12.1	13.8	88.9	86.9	2.7	3.4	20	41	61	104	6	15	18	36
52.9	49.5	65.6	66.5	25.5	24.3	931	2 035	1 220	1 875	701	1 546	901	1 401
9.9	14.0	84.4	85.7	7.2	7.6	68	133	180	271	36	74	85	137
72.6	63.0	88.4	81.6	4.3	11.7	291	416	298	531	212	282	190	330
3.8	11.0	85.6	83.1	3.9	3.7	14	27	37	67	5	11	14	28
37.1	37.2	92.8	90.5	2.5	5.3	34	80	97	181	13	34	35	76
41.1	38.0	70.7	69.0	24.0	26.4	221	488	454	757	115	269	243	419
48.4	41.8	38.2	36.1	49.1	51.4	2 657	4 405	2 745	4 145	1 577	2 699	1 631	2 492
47.6	41.2	44.2	43.9	44.2	45.0	481	802	568	863	279	478	320	493



## Health inequities

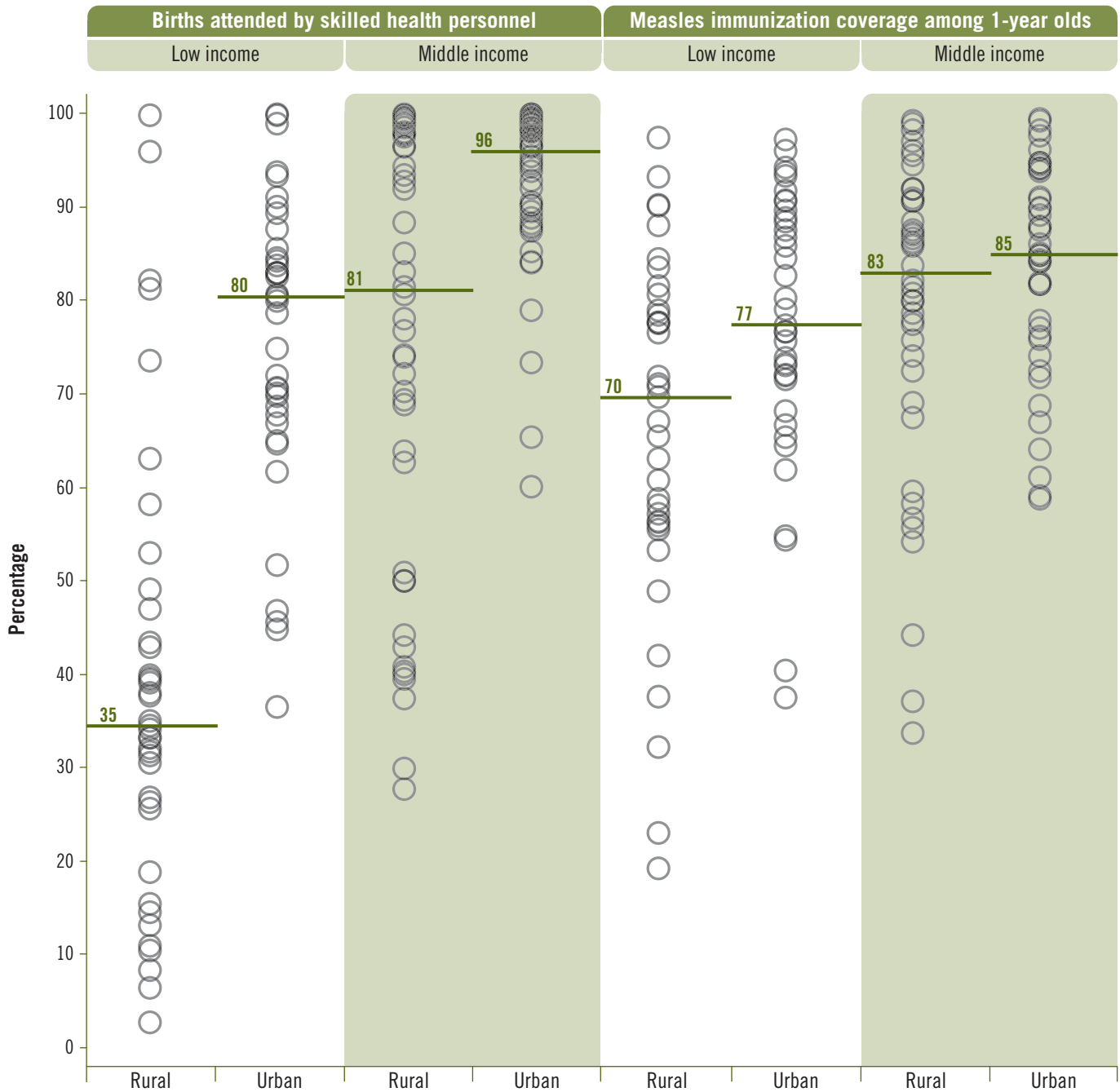
In general, the global reporting of health indicators focuses on national averages. However, data on the distribution of health and health services within countries and between population subgroups are equally important (Figure 14 and Box 7). Such data help to identify health inequities – unfair and avoidable differences in health and health service provision – that arise for example from socioeconomic factors (such as level of education, occupation and household wealth or income), from geographical location, and from ethnicity and gender.

This section presents data from 87 countries using three health indicators – percentage of births attended by skilled health personnel, measles immunization coverage among 1-year-old children, and mortality in children under 5 years old (under-five mortality) – disaggregated according to urban or rural residence, household wealth and maternal educational level.

The main sources of the data are the Demographic and Health Surveys (DHS) and Multiple Indicator Cluster Surveys (MICS), conducted between 2000 and 2008. For the disaggregations by household wealth, the total population is classified into wealth quintiles based on relative differences in household wealth within the country rather than an absolute wealth criterion. The estimates are subject to normal sample variability, which are usually indicated by confidence intervals – however, only the point estimates are shown in this section.

The data presented refer to ratios and differences between the most-advantaged and least-advantaged groups. However, these measures do not reflect the situation across all population groups (such as groups falling into the middle of wealth or education distributions) for which other measures are used.

**Figure 14: Urban–rural differences in the coverage of skilled attendant at birth and measles immunization in low-income and middle-income countries – 2000–2008**



Note: Solid horizontal lines indicate the median.

**Box 7: Inequities in health service coverage**

In Figure 14, each circle represents a country (note that circles may overlap). Three major conclusions can be drawn from the data:

There are differences between rural and urban areas in coverage of key health services such as skilled attendant at birth and measles immunization – these differences are more marked in low-income countries compared with middle-income countries, and significantly more acute in relation to skilled attendant at birth than to measles immunization.

In low-income countries, there are major differences between urban and rural areas in the coverage of skilled attendant at birth – 80% of urban births take place with the assistance of skilled health personnel compared with only 35% of births in rural areas. By contrast, urban–rural differences with regard to measles immunization rates are less pronounced at 77% and 70%, respectively.

Within the low-income country group, there is very wide variation in both indicators – for example, coverage of skilled attendant at birth in rural areas ranges from as low as 3% to as high as 100%.

# 8. Health inequities

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81:4CL-3

Member State	Year	MDG 5 Births attended by skilled health personnel <sup>a,b</sup> (%)											
		Place of residence				Wealth quintile				Education level of mother <sup>c</sup>			
		Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest
Afghanistan		...	...	...	...	...	...	...	...	...	...	...	...
Albania <sup>f</sup>	2005	100	100	1.0	0	99	100	1.0	1	...	...	...	...
Algeria <sup>f</sup>	2006	92	98	1.1	6	...	...	...	...	...	...	...	...
Andorra		...	...	...	...	...	...	...	...	...	...	...	...
Angola		...	...	...	...	...	...	...	...	...	...	...	...
Antigua and Barbuda		...	...	...	...	...	...	...	...	...	...	...	...
Argentina		...	...	...	...	...	...	...	...	...	...	...	...
Armenia <sup>e</sup>	2005	98	99	1.0	1	93	100	1.1	7	...	...	...	...
Australia		...	...	...	...	...	...	...	...	...	...	...	...
Austria		...	...	...	...	...	...	...	...	...	...	...	...
Azerbaijan	2006	81	97	1.2	16	78	100	1.3	22	83	89	1.1	5
Bahamas		...	...	...	...	...	...	...	...	...	...	...	...
Bahrain		...	...	...	...	...	...	...	...	...	...	...	...
Bangladesh	2007	13	37	2.8	23	5	51	10.3	46	5	33	7.4	29
Barbados		...	...	...	...	...	...	...	...	...	...	...	...
Belarus <sup>f</sup>	2005	100	100	1.0	0	100	100	1.0	0	...	...	...	...
Belgium		...	...	...	...	...	...	...	...	...	...	...	...
Belize <sup>f</sup>	2006	93	99	1.1	7	...	...	...	...	...	...	...	...
Benin	2006	74	86	1.2	12	56	97	1.7	42	72	98	1.4	26
Bhutan		...	...	...	...	...	...	...	...	...	...	...	...
Bolivia (Plurinational State of) <sup>h</sup>	2008	51	88	1.7	37	38	99	2.6	61	...	...	...	...
Bosnia and Herzegovina <sup>f</sup>	2006	100	100	1.0	0	99	100	1.0	0	...	...	...	...
Botswana		...	...	...	...	...	...	...	...	...	...	...	...
Brazil		...	...	...	...	...	...	...	...	...	...	...	...
Brunei Darussalam		...	...	...	...	...	...	...	...	...	...	...	...
Bulgaria		...	...	...	...	...	...	...	...	...	...	...	...
Burkina Faso	2003	31	88	2.9	57	39	91	2.3	52	33	95	2.9	62
Burundi <sup>f</sup>	2005	32	75	2.4	43	25	55	2.2	30	30	84	2.8	54
Cambodia	2005	39	70	1.8	31	21	90	4.3	69	22	80	3.6	58
Cameroon	2004	44	84	1.9	40	29	95	3.2	65	23	92	4.0	69
Canada		...	...	...	...	...	...	...	...	...	...	...	...
Cape Verde <sup>h</sup>	2005	64	91	1.4	27	...	...	...	...	...	...	...	...
Central African Republic <sup>f</sup>	2006	35	83	2.4	48	27	89	3.3	62	34	88	2.6	55
Chad	2004	6	46	7.1	39	4	55	15.4	52	9	67	7.2	57
Chile		...	...	...	...	...	...	...	...	...	...	...	...
China		...	...	...	...	...	...	...	...	...	...	...	...
Colombia	2005	77	97	1.3	20	72	99	1.4	27	67	97	1.4	30
Comoros		...	...	...	...	...	...	...	...	...	...	...	...
Congo	2005	74	97	1.3	23	67	98	1.5	32	62	93	1.5	30
Cook Islands		...	...	...	...	...	...	...	...	...	...	...	...
Costa Rica		...	...	...	...	...	...	...	...	...	...	...	...
Côte d'Ivoire <sup>f</sup>	2006	40	84	2.1	44	29	95	3.3	66	47	87	1.8	40
Croatia		...	...	...	...	...	...	...	...	...	...	...	...
Cuba		...	...	...	...	...	...	...	...	...	...	...	...
Cyprus		...	...	...	...	...	...	...	...	...	...	...	...
Czech Republic		...	...	...	...	...	...	...	...	...	...	...	...
Democratic People's Republic of Korea		...	...	...	...	...	...	...	...	...	...	...	...
Democratic Republic of the Congo	2007	63	91	1.4	28	59	98	1.7	39	59	89	1.5	29
Denmark		...	...	...	...	...	...	...	...	...	...	...	...

MDG 4 Measles immunization coverage among 1-year-olds <sup>a,c</sup> (%)												MDG 4 Under-five mortality rate <sup>a,d</sup> (probability of dying by age 5 per 1000 live births)											
Place of residence				Wealth quintile				Education level of mother <sup>e</sup>				Place of residence				Wealth quintile				Education level of mother <sup>e</sup>			
Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Rural	Urban	Ratio rural-urban	Difference rural-urban	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest
...	...	...	...	...	...	...	...	...	...	...	...	19	20	1.0	-1	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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80	67	0.8	-13	72	(62)	0.8	-11	...	...	...	...	42	26	1.6	16	52	23	2.2	29	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44	64	1.5	20	50	83	1.7	34	46	55	1.2	9	64	52	1.2	12	63	41	1.5	22	68	58	1.2	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
82	88	1.1	6	80	89	1.1	9	74	90	1.2	16	77	63	1.2	14	86	43	2.0	43	93	52	1.8	41
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
99	98	1.0	-1	100	98	1.0	-2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	91	1.2	12	...	...	...	...	...	...	...	...	27	26	1.0	1	...	...	...	...	...	...	...	...
57	68	1.2	11	48	76	1.6	28	57	82	1.5	26	145	116	1.3	30	151	83	1.8	68	143	78	1.8	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	85	1.0	-2	88	88	1.0	0	...	...	...	...	99	55	1.8	44	116	31	3.7	85	...	...	...	...
80	74	0.9	-6	72	76	1.1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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53	73	1.4	20	48	71	1.5	23	54	80	1.5	26	202	136	1.5	65	206	144	1.4	62	198	108	1.8	90
78	85	1.1	7	77	79	1.0	3	74	87	1.2	13	178	137	1.3	41	190	128	1.5	62	195	55	3.5	140
77	79	1.0	3	70	82	1.2	13	64	91	1.4	27	111	76	1.5	35	127	43	3.0	84	136	53	2.6	83
58	73	1.2	14	52	83	1.6	31	46	79	1.7	33	169	119	1.4	50	189	88	2.2	101	186	93	2.0	92
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	90	1.0	3	...	...	...	...	...	...	...	...	44	53	0.8	-9	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	199	126	1.6	73	223	112	2.0	111	187	107	1.7	80
19	38	2.0	18	8	38	4.6	30	18	54	3.0	36	208	179	1.2	28	176	187	0.9	-11	200	143	1.4	57
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
76	85	1.1	9	69	90	1.3	21	70	86	1.2	16	33	23	1.4	10	39	16	2.4	23	51	20	2.5	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	76	1.3	20	49	84	1.7	36	44	75	1.7	31	136	108	1.3	28	135	85	1.6	51	202	101	2.0	101
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
78	94	1.2	16	69	98	1.4	29	80	95	1.2	16	...	...	...	...	...	...	...	...	...	...	...	...
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56	73	1.3	17	51	85	1.7	34	49	77	1.6	28	177	122	1.5	55	184	97	1.9	87	209	112	1.9	97
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

# 8. Health inequities

62+2>六九零  
326418-50+45  
Y2A.Y014-  
81:4CL-3

Member State	Year	MDG 5 Births attended by skilled health personnel <sup>a,b</sup> (%)											
		Place of residence				Wealth quintile				Education level of mother <sup>c</sup>			
		Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest
Djibouti <sup>f</sup>	2006	40	95	2.3	54	...	...	...	...	...	...	...	...
Dominica		...	...	...	...	...	...	...	...	...	...	...	...
Dominican Republic	2007	94	96	1.0	2	89	98	1.1	9	86	97	1.1	12
Ecuador		...	...	...	...	...	...	...	...	...	...	...	...
Egypt <sup>h</sup>	2008	72	90	1.2	18	55	97	1.8	42	60	89	1.5	29
El Salvador		...	...	...	...	...	...	...	...	...	...	...	...
Equatorial Guinea		...	...	...	...	...	...	...	...	...	...	...	...
Eritrea	2002	10	65	6.2	54	6	85	14.7	79	12	88	7.3	76
Estonia		...	...	...	...	...	...	...	...	...	...	...	...
Ethiopia	2005	3	45	16.6	42	1	27	29.7	26	2	58	24.0	55
Fiji		...	...	...	...	...	...	...	...	...	...	...	...
Finland		...	...	...	...	...	...	...	...	...	...	...	...
France		...	...	...	...	...	...	...	...	...	...	...	...
Gabon	2000	69	93	1.3	24	67	97	1.4	30	84	93	1.1	9
Gambia <sup>f</sup>	2006	43	83	1.9	40	28	89	3.1	60	49	85	1.7	36
Georgia <sup>f</sup>	2005	98	99	1.0	1	95	99	1.0	3	...	...	...	...
Germany		...	...	...	...	...	...	...	...	...	...	...	...
Ghana	2008	43	84	2.0	41	24	95	3.9	70	36	78	2.2	42
Greece		...	...	...	...	...	...	...	...	...	...	...	...
Grenada		...	...	...	...	...	...	...	...	...	...	...	...
Guatemala		...	...	...	...	...	...	...	...	...	...	...	...
Guinea	2005	26	81	3.1	55	15	87	6.0	73	33	84	2.6	51
Guinea-Bissau <sup>f</sup>	2006	27	69	2.6	42	19	79	4.0	59	28	80	2.9	52
Guyana <sup>f</sup>	2006	82	89	1.1	7	64	93	1.5	29	...	...	...	...
Haiti	2005-2006	15	47	3.0	31	6	68	10.5	61	9	60	6.6	51
Honduras	2005-2006	50	90	1.8	40	33	99	3.0	65	37	96	2.6	59
Hungary		...	...	...	...	...	...	...	...	...	...	...	...
Iceland		...	...	...	...	...	...	...	...	...	...	...	...
India	2005-2006	37	73	2.0	36	19	89	4.6	69	26	75	2.9	49
Indonesia	2007	63	88	1.4	25	44	96	2.2	52	31	87	2.8	56
Iran (Islamic Republic of)		...	...	...	...	...	...	...	...	...	...	...	...
Iraq <sup>f</sup>	2006	78	95	1.2	17	...	...	...	...	79	96	1.2	17
Ireland		...	...	...	...	...	...	...	...	...	...	...	...
Israel		...	...	...	...	...	...	...	...	...	...	...	...
Italy		...	...	...	...	...	...	...	...	...	...	...	...
Jamaica <sup>f</sup>	2005	94	99	1.0	4	...	...	...	...	...	...	...	...
Japan		...	...	...	...	...	...	...	...	...	...	...	...
Jordan	2007	99	99	1.0	1	98	100	1.0	2	94	99	1.1	5
Kazakhstan <sup>f</sup>	2006	100	100	1.0	0	100	100	1.0	0	...	...	...	...
Kenya	2003	35	72	2.1	38	17	75	4.4	58	16	72	4.6	56
Kiribati		...	...	...	...	...	...	...	...	...	...	...	...
Kuwait		...	...	...	...	...	...	...	...	...	...	...	...
Kyrgyzstan <sup>f</sup>	2006	96	100	1.0	4	93	100	1.1	7	...	...	...	...
Lao People's Democratic Republic <sup>f</sup>	2006	11	68	6.2	57	3	81	27.1	78	3	63	18.5	59
Latvia		...	...	...	...	...	...	...	...	...	...	...	...
Lebanon		...	...	...	...	...	...	...	...	...	...	...	...
Lesotho	2004	50	88	1.8	38	34	83	2.5	50	21	73	3.5	52
Liberia	2007	32	79	2.5	47	26	81	3.2	56	36	75	2.1	39
Libyan Arab Jamahiriya		...	...	...	...	...	...	...	...	...	...	...	...



MDG 4 Measles immunization coverage among 1-year-olds<sup>a,c</sup> (%)

MDG 4 Under-five mortality rate<sup>a,d</sup> (probability of dying by age 5 per 1000 live births)

Place of residence				Wealth quintile				Education level of mother <sup>e</sup>				Place of residence				Wealth quintile				Education level of mother <sup>e</sup>			
Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Rural	Urban	Ratio rural-urban	Difference rural-urban	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest
...	...	...	...	...	...	...	...	...	...	...	...	73	95	0.8	-22	...	...	...	...	...	...	...	...
81	78	1.0	-3	73	87	1.2	14	53	83	1.6	30	37	37	1.0	1	53	28	1.9	25	57	29	2.0	28
98	98	1.0	0	98	99	1.0	2	98	99	1.0	1	36	29	1.3	8	49	19	2.6	30	44	25	1.8	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	94	1.2	15	80	95	1.2	15	77	96	1.2	19	117	86	1.4	31	100	65	1.5	35	121	59	2.1	62
32	65	2.0	33	25	53	2.1	28	30	63	2.1	33	135	98	1.4	37	130	92	1.4	38	139	54	2.6	85
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	61	1.6	24	34	71	2.1	37	42	64	1.5	22	100	88	1.1	12	93	55	1.7	38	112	87	1.3	25
93	91	1.0	-3	95	91	1.0	-3	92	95	1.0	2	150	96	1.6	54	158	72	2.2	86	140	66	2.1	74
...	...	...	...	...	...	...	...	...	...	...	...	45	24	1.9	21	...	...	...	...	...	...	...	...
88	93	1.1	5	88	95	1.1	7	86	93	1.1	7	91	75	1.2	16	103	60	1.7	43	103	67	1.5	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	55	1.1	6	42	57	1.4	15	48	68	1.4	20	204	133	1.5	71	217	113	1.9	104	194	92	2.1	102
72	83	1.2	11	70	90	1.3	20	72	87	1.2	15	253	250	1.0	3	...	...	...	...	...	...	...	...
96	95	1.0	-1	94	100	1.1	6	...	...	...	...	50	34	1.5	16	...	...	...	...	...	...	...	...
56	62	1.1	6	50	67	1.3	17	52	68	1.3	16	114	78	1.5	36	125	55	2.3	70	123	65	1.9	57
86	84	1.0	-2	85	86	1.0	0	81	86	1.1	5	43	29	1.5	14	50	20	2.5	30	55	20	2.8	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	72	1.3	18	40	85	2.1	45	41	80	2.0	39	94	61	1.5	33	118	39	3.0	78	106	49	2.2	57
73	82	1.1	10	63	85	1.3	22	49	83	1.7	34	60	38	1.6	22	77	32	2.4	46	94	38	2.5	56
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
60	76	1.3	16	...	...	...	...	60	79	1.3	19	41	41	1.0	0	...	...	...	...	49	37	1.3	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95	88	0.9	-7	...	...	...	...	...	...	...	...	25	36	0.7	-11	...	...	...	...	...	...	...	...
91	95	1.0	4	92	96	1.0	4	85	95	1.1	10	27	22	1.2	5	30	27	1.1	3	...	...	...	...
99	100	1.0	0	100	99	1.0	-1	...	...	...	...	43	30	1.4	12	...	...	...	...	...	...	...	...
70	86	1.2	16	55	88	1.6	33	51	85	1.7	34	117	94	1.3	23	149	91	1.6	58	127	63	2.0	64
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	54	1.4	17	33	60	1.8	27	31	55	1.8	24	50	35	1.4	15	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	91	1.1	7	82	85	1.0	3	74	85	1.1	11	105	86	1.2	18	113	82	1.4	31	161	82	2.0	79
56	77	1.4	20	45	86	1.9	41	58	78	1.3	20	146	132	1.1	15	138	117	1.2	21	151	119	1.3	33
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

# 8. Health inequities

62+2>六九零  
2014.18-50+45  
Y2A.Y014-  
81:4CL-3

Member State	Year	MDG 5 Births attended by skilled health personnel <sup>a,b</sup> (%)											
		Place of residence				Wealth quintile				Education level of mother <sup>c</sup>			
		Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest
Lithuania		...	...	...	...	...	...	...	...	...	...	...	...
Luxembourg		...	...	...	...	...	...	...	...	...	...	...	...
Madagascar	2003-2004	40	71	1.8	31	30	94	3.1	64	22	81	3.7	59
Malawi	2004	53	84	1.6	31	47	85	1.8	38	43	83	2.0	41
Malaysia		...	...	...	...	...	...	...	...	...	...	...	...
Maldives		...	...	...	...	...	...	...	...	...	...	...	...
Mali	2006	38	80	2.1	42	35	86	2.5	51	44	92	2.1	48
Malta		...	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands		...	...	...	...	...	...	...	...	...	...	...	...
Mauritania <sup>f</sup>	2007	39	90	2.3	51	21	95	4.6	75	45	92	2.0	47
Mauritius		...	...	...	...	...	...	...	...	...	...	...	...
Mexico		...	...	...	...	...	...	...	...	...	...	...	...
Micronesia (Federated States of)		...	...	...	...	...	...	...	...	...	...	...	...
Monaco		...	...	...	...	...	...	...	...	...	...	...	...
Mongolia <sup>f</sup>	2005	99	100	1.0	1	98	100	1.0	2	...	...	...	...
Montenegro <sup>f,g</sup>	2005	98	100	1.0	2	98	100	1.0	3	...	...	...	...
Morocco	2003-2004	40	85	2.2	46	30	95	3.2	66	49	94	1.9	46
Mozambique	2003	34	81	2.4	47	25	89	3.6	64	31	95	3.0	63
Myanmar		...	...	...	...	...	...	...	...	...	...	...	...
Namibia	2006-2007	74	94	1.3	20	60	98	1.6	38	50	92	1.8	42
Nauru		...	...	...	...	...	...	...	...	...	...	...	...
Nepal	2006	19	52	2.8	33	5	58	12.0	53	11	53	4.7	41
Netherlands		...	...	...	...	...	...	...	...	...	...	...	...
New Zealand		...	...	...	...	...	...	...	...	...	...	...	...
Nicaragua	2001	83	97	1.2	13	78	99	1.3	22	77	98	1.3	21
Niger	2006	8	71	8.5	62	5	59	11.8	54	13	81	6.1	67
Nigeria <sup>h</sup>	2008	28	65	2.4	38	8	86	10.3	77	...	...	...	...
Niue		...	...	...	...	...	...	...	...	...	...	...	...
Norway		...	...	...	...	...	...	...	...	...	...	...	...
Oman		...	...	...	...	...	...	...	...	...	...	...	...
Pakistan	2006-2007	30	60	2.0	30	16	77	4.8	61	27	74	2.8	47
Palau		...	...	...	...	...	...	...	...	...	...	...	...
Panama		...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea		...	...	...	...	...	...	...	...	...	...	...	...
Paraguay		...	...	...	...	...	...	...	...	...	...	...	...
Peru <sup>h</sup>	2004-2005	43	92	2.1	49	28	100	3.5	72	...	...	...	...
Philippines	2003	41	79	1.9	38	25	92	3.7	67	11	72	6.5	61
Poland		...	...	...	...	...	...	...	...	...	...	...	...
Portugal		...	...	...	...	...	...	...	...	...	...	...	...
Qatar		...	...	...	...	...	...	...	...	...	...	...	...
Republic of Korea		...	...	...	...	...	...	...	...	...	...	...	...
Republic of Moldova <sup>e</sup>	2005	99	100	1.0	0	99	100	1.0	1	100	100	1.0	-1
Romania		...	...	...	...	...	...	...	...	...	...	...	...
Russian Federation		...	...	...	...	...	...	...	...	...	...	...	...
Rwanda <sup>h</sup>	2007-2008	49	70	1.4	21	43	71	1.7	28	39	82	2.1	43
Saint Kitts and Nevis		...	...	...	...	...	...	...	...	...	...	...	...
Saint Lucia		...	...	...	...	...	...	...	...	...	...	...	...
Saint Vincent and the Grenadines		...	...	...	...	...	...	...	...	...	...	...	...
Samoa		...	...	...	...	...	...	...	...	...	...	...	...

MDG 4 Measles immunization coverage among 1-year-olds <sup>a,c</sup> (%)												MDG 4 Under-five mortality rate <sup>a,d</sup> (probability of dying by age 5 per 1000 live births)											
Place of residence				Wealth quintile				Education level of mother <sup>e</sup>				Place of residence				Wealth quintile				Education level of mother <sup>e</sup>			
Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Rural	Urban	Ratio rural-urban	Difference rural-urban	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
56	74	1.3	18	38	84	2.2	46	36	85	2.4	49	120	73	1.6	47	142	49	2.9	92	149	65	2.3	83
78	87	1.1	9	67	88	1.3	21	72	94	1.3	22	164	116	1.4	48	183	111	1.6	72	183	86	2.1	97
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66	76	1.2	10	68	78	1.2	11	66	90	1.4	24	234	158	1.5	76	233	124	1.9	110	223	102	2.2	122
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	72	0.9	-7	67	79	1.2	12	70	80	1.1	10	127	114	1.1	14	144	87	1.6	57	118	89	1.3	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	90	1.0	4	88	91	1.0	3	...	...	...	...	69	31	2.2	38	...	...	...	...	...	...	...	...
82	84	1.0	3	(83)	(78)	0.9	-4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	94	1.1	8	83	98	1.2	15	88	96	1.1	9	69	38	1.8	31	78	26	3.0	52	63	27	2.3	36
71	91	1.3	20	61	96	1.6	36	66	99	1.5	34	192	143	1.3	49	196	108	1.8	88	201	86	2.3	115
82	86	1.0	4	70	95	1.4	25	57	91	1.6	34	76	60	1.3	16	92	30	3.1	63	79	54	1.5	25
85	89	1.1	4	73	95	1.3	21	78	99	1.3	21	84	47	1.8	36	98	47	2.1	51	93	32	2.9	60
74	77	1.0	3	76	94	1.2	18	69	73	1.0	3	55	34	1.6	21	64	19	3.3	45	72	25	2.9	47
42	72	1.7	30	32	74	2.3	41	43	84	2.0	42	231	139	1.7	91	206	157	1.3	49	222	92	2.4	130
34	59	1.8	25	17	75	4.3	58	...	...	...	...	191	121	1.6	70	219	87	2.5	132	...	...	...	...
56	69	1.2	13	36	76	2.1	39	51	81	1.6	31	100	78	1.3	21	121	60	2.0	61	102	62	1.6	40
87	88	1.0	1	86	90	1.0	4	...	...	...	...	52	31	1.7	21	63	11	5.7	52	...	...	...	...
78	82	1.1	4	70	89	1.3	20	46	83	1.8	38	52	30	1.7	22	66	21	3.2	46	105	29	3.7	76
92	88	1.0	-4	(91)	91	1.0	0	...	...	...	...	30	20	1.5	9	29	17	1.7	12	...	...	...	...
90	92	1.0	2	89	92	1.0	3	86	95	1.1	9	142	87	1.6	55	161	84	1.9	77	174	43	4.0	131

Table 8

# 8. Health inequities

62+2>六九零  
2014.18-50+45  
Y2M.Y014-  
81:4CL-3

Member State	Year	MDG 5 Births attended by skilled health personnel <sup>a,b</sup> (%)											
		Place of residence				Wealth quintile				Education level of mother <sup>c</sup>			
		Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest
San Marino		...	...	...	...	...	...	...	...	...	...	...	...
Sao Tome and Principe		...	...	...	...	...	...	...	...	...	...	...	...
Saudi Arabia		...	...	...	...	...	...	...	...	...	...	...	...
Senegal	2005	33	85	2.5	51	20	89	4.4	69	42	88	2.1	45
Serbia <sup>f</sup>	2005	99	99	1.0	0	98	100	1.0	2	...	...	...	...
Seychelles		...	...	...	...	...	...	...	...	...	...	...	...
Sierra Leone <sup>h</sup>	2008	33	67	2.0	34	28	71	2.5	43	36	73	2.0	37
Singapore		...	...	...	...	...	...	...	...	...	...	...	...
Slovakia		...	...	...	...	...	...	...	...	...	...	...	...
Slovenia		...	...	...	...	...	...	...	...	...	...	...	...
Solomon Islands		...	...	...	...	...	...	...	...	...	...	...	...
Somalia <sup>f</sup>	2006	15	65	4.5	51	11	77	7.2	66	25	73	3.0	48
South Africa <sup>h</sup>	2003	85	94	1.1	9	...	...	...	...	...	...	...	...
Spain		...	...	...	...	...	...	...	...	...	...	...	...
Sri Lanka		...	...	...	...	...	...	...	...	...	...	...	...
Sudan		...	...	...	...	...	...	...	...	...	...	...	...
Suriname		...	...	...	...	...	...	...	...	...	...	...	...
Swaziland	2006-2007	70	88	1.3	18	51	92	1.8	42	57	84	1.5	27
Sweden		...	...	...	...	...	...	...	...	...	...	...	...
Switzerland		...	...	...	...	...	...	...	...	...	...	...	...
Syrian Arab Republic <sup>f</sup>	2006	88	98	1.1	9	78	99	1.3	21	...	...	...	...
Tajikistan <sup>f</sup>	2005	81	89	1.1	8	70	91	1.3	21	...	...	...	...
Thailand <sup>f</sup>	2005-2006	97	99	1.0	3	93	100	1.1	7	81	99	1.2	18
The former Yugoslav Republic of Macedonia <sup>f</sup>	2005-2006	98	98	1.0	0	95	100	1.0	5	89	100	1.1	11
Timor-Leste		...	...	...	...	...	...	...	...	...	...	...	...
Togo <sup>f</sup>	2006	40	93	2.3	54	30	97	3.3	67	44	89	2.0	45
Tonga		...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago <sup>f,g</sup>	2006	...	...	...	...	98	100	1.0	2	...	...	...	...
Tunisia <sup>f</sup>	2006	...	...	...	...	...	...	...	...	...	...	...	...
Turkey <sup>h</sup>	2003	69	90	1.3	21	...	...	...	...	...	...	...	...
Turkmenistan	2000	97	98	1.0	2	97	98	1.0	2	93	97	1.0	5
Tuvalu		...	...	...	...	...	...	...	...	...	...	...	...
Uganda	2006	38	80	2.1	43	28	77	2.7	48	26	76	2.9	50
Ukraine	2007	98	99	1.0	1	97	99	1.0	2	100	99	1.0	-1
United Arab Emirates		...	...	...	...	...	...	...	...	...	...	...	...
United Kingdom		...	...	...	...	...	...	...	...	...	...	...	...
United Republic of Tanzania	2004-2005	47	83	1.8	36	39	90	2.3	51	40	89	2.2	49
United States of America		...	...	...	...	...	...	...	...	...	...	...	...
Uruguay		...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan <sup>f</sup>	2006	100	100	1.0	0	100	100	1.0	0	...	...	...	...
Vanuatu		...	...	...	...	...	...	...	...	...	...	...	...
Venezuela (Bolivarian Republic of)		...	...	...	...	...	...	...	...	...	...	...	...
Viet Nam <sup>i</sup>	2002	82	99	1.2	17	58	100	1.7	42	42	94	2.3	52
Yemen <sup>f</sup>	2006	26	62	2.3	35	17	74	4.3	57	27	61	2.3	34
Zambia	2007	31	83	2.7	52	27	91	3.4	64	24	73	3.1	49
Zimbabwe	2005-2006	58	94	1.6	36	46	95	2.1	49	35	81	2.3	46

MDG 4 Measles immunization coverage  
among 1-year-olds<sup>a,c</sup> (%)

MDG 4 Under-five mortality rate<sup>a,d</sup>  
(probability of dying by age 5 per 1000 live births)

Place of residence				Wealth quintile				Education level of mother <sup>e</sup>				Place of residence				Wealth quintile				Education level of mother <sup>e</sup>			
Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Rural	Urban	Ratio rural-urban	Difference rural-urban	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71	77	1.1	6	71	81	1.1	10	69	95	1.4	26	160	91	1.8	69	183	64	2.8	119	152	60	2.5	92
89	85	1.0	-4	87	84	1.0	-3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	65	1.1	6	56	68	1.2	13	56	75	1.3	19	168	167	1.0	1	211	144	1.5	67	170	130	1.3	40
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	40	1.8	17	22	47	2.1	25	24	48	2.0	25	136	134	1.0	2	...	...	...	...	...	...	...	...
68	59	0.9	-9	...	...	...	...	...	...	...	...	57	51	1.1	6	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	95	1.0	4	89	93	1.0	4	84	93	1.1	9	105	107	1.0	-2	118	101	1.2	17	150	95	1.6	55
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	94	1.0	3	89	97	1.1	9	...	...	...	...	24	19	1.3	5	22	20	1.1	2	...	...	...	...
90	96	1.1	6	89	96	1.1	8	...	...	...	...	83	70	1.2	13	...	...	...	...	...	...	...	...
96	96	1.0	0	96	99	1.0	3	90	96	1.1	6	...	...	...	...	...	...	...	...	...	...	...	...
88	89	1.0	2	80	93	1.2	13	71	92	1.3	21	26	10	2.6	16	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
61	67	1.1	6	57	72	1.3	15	50	82	1.6	32	143	73	2.0	70	150	62	2.4	88	145	64	2.3	81
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
97	99	1.0	2	(98)	(85)	0.9	-13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
69	84	1.2	15	...	...	...	...	...	...	...	...	50	30	1.7	20	...	...	...	...	...	...	...	...
92	82	0.9	-10	91	80	0.9	-11	74	88	1.2	14	100	73	1.4	27	106	70	1.5	36	133	88	1.5	45
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67	77	1.1	10	66	73	1.1	7	64	82	1.3	18	147	115	1.3	32	172	108	1.6	64	164	91	1.8	73
...	...	...	...	...	...	...	...	...	...	...	...	20	19	1.1	1	23	9	2.7	15	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
78	90	1.2	12	65	91	1.4	26	65	90	1.4	25	138	108	1.3	31	137	93	1.5	44	160	76	2.1	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	97	1.0	0	97	98	1.0	1	...	...	...	...	59	51	1.2	8	72	42	1.7	30	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
81	94	1.2	14	64	98	1.5	33	49	93	1.9	44	36	16	2.2	19	53	16	3.3	37	66	29	2.3	38
59	80	1.4	22	52	86	1.6	33	60	81	1.4	21	86	57	1.5	29	118	37	3.2	81	...	...	...	...
84	89	1.1	5	88	94	1.1	7	82	90	1.1	8	139	132	1.1	7	124	110	1.1	14	144	105	1.4	39
63	72	1.1	8	54	74	1.4	20	30	71	2.3	41	72	64	1.1	8	72	57	1.3	15	69	68	1.0	1

# 8. Health inequities

62+2>六九零  
376+8.18>59+45  
Y2M.Y0E4  
81:4CL-3

Member State	Year	MDG 5 Births attended by skilled health personnel <sup>a,b</sup> (%)											
		Place of residence				Wealth quintile				Education level of mother <sup>c</sup>			
		Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest

## RANGES OF COUNTRY VALUES

Minimum		3	37	...	...	1	27	...	...	2	33	...	...
Median		51	89	...	...	39	95	...	...	36	87	...	...
Maximum		100	100	...	...	100	100	...	...	100	100	...	...

**MDG 4 Measles immunization coverage  
among 1-year-olds<sup>a,c</sup> (%)**

**MDG 4 Under-five mortality rate<sup>a,d</sup>  
(probability of dying by age 5 per 1000 live births)**

Place of residence				Wealth quintile				Education level of mother <sup>e</sup>				Place of residence				Wealth quintile				Education level of mother <sup>e</sup>			
Rural	Urban	Ratio urban-rural	Difference urban-rural	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Lowest	Highest	Ratio highest-lowest	Difference highest-lowest	Rural	Urban	Ratio rural-urban	Difference rural-urban	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest	Lowest	Highest	Ratio lowest-highest	Difference lowest-highest
19	38	...	...	8	38	...	...	18	48	...	...	19	10	...	...	22	9	...	...	44	20	...	...
78	84	...	...	70	86	...	...	62	85	...	...	94	73	...	...	120	61	...	...	139	65	...	...
99	100	...	...	100	100	...	...	98	99	...	...	253	250	...	...	233	187	...	...	223	143	...	...



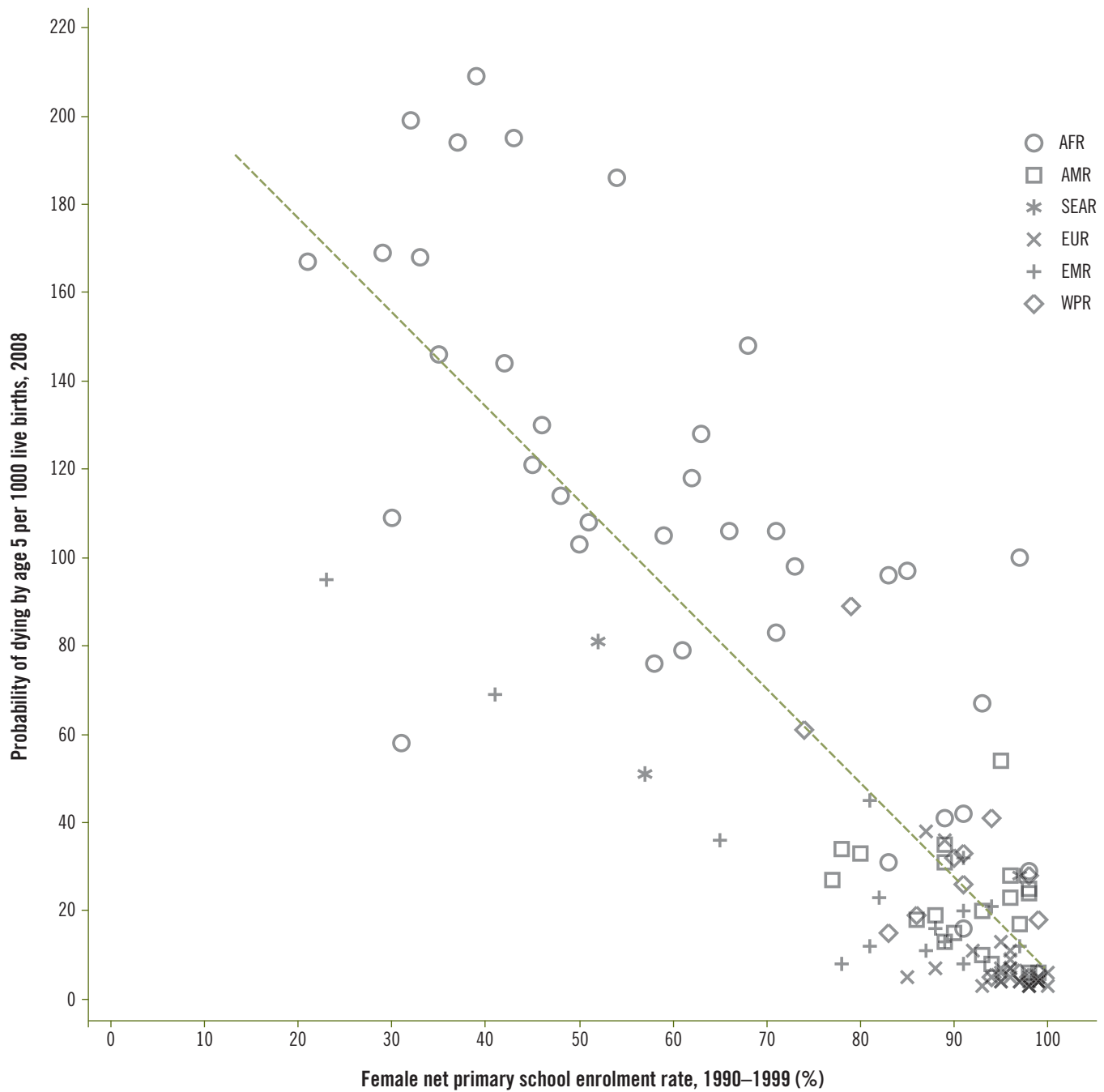


## Demographic and socioeconomic statistics

This section presents data on demographic and socioeconomic factors that are major determinants of health. For example, reductions in child mortality are closely associated with improvements in female education (Figure 15, Box 8). The table includes three MDG-related indicators – adolescent fertility; primary school enrolment ratios; and population living in poverty. The table also includes data on demographics (population size, growth, fertility rates and urbanization); coverage of civil registration of births and deaths; adult literacy; and per capita gross national income. In addition to their intrinsic value, such data are also important in making other statistics comparable across countries. For example, data on disease incidence, prevalence and mortality rates, and on the availability of health-system resources all require reliable population-based denominators.

These demographic and socioeconomic data have been derived from a variety of national and international sources. The latter include the World Bank, the United Nations Educational, Scientific and Cultural Organization (UNESCO), the United Nations Children's Fund (UNICEF) and the United Nations Department of Economic and Social Affairs (UNDESA). Estimates are based on a combination of administrative records, population-based surveys, censuses and civil registration data and on statistical modelling to account for missing values. For more information on the sources and methods used for a particular indicator, please refer to the relevant footnotes and to the web site of the responsible organization.

Figure 15: Mortality rate in children under 5 years old against female net primary school enrolment rate



**Box 8: Correlation between female primary education and child mortality rates**

In Figure 15, the available data from 120 countries is shown. Each shape represents one country coded according to WHO region. Two conclusions can be drawn from the data:

High rates of child mortality are strongly associated with a lack of female primary education – in general, countries with a higher rate of female primary education have lower levels of under-five mortality.

There is much more variation between countries in the WHO African Region than in other WHO regions – where there are few outliers.

# 9. Demographic and socioeconomic statistics

2010-2011  
18-50-45  
Y2M.Y014  
81:4CL-3

Member State	Population <sup>a</sup>									Civil registration coverage (%)	
	Total (000s)	Median age	Aged under 15 (%)	Aged over 60 (%)	Annual growth rate (%)		Living in urban areas (%)			Births <sup>b</sup>	Deaths <sup>c</sup>
					1988–1998	1998–2008	1990	2000	2008	2000–2008	
Afghanistan	27 208	17	46	4	5.1	3.2	18	21	24	6 <sup>h</sup>	<25
Albania	3 143	29	24	13	-0.4	0.2	36	42	47	>90	50–74
Algeria	34 373	25	28	7	2.1	1.5	52	60	65	>90	75–89
Andorra	84	...	14	22	2.6	2.6	95	92	89	>90	25–49
Angola	18 021	17	45	4	2.9	2.9	37	49	57	29 <sup>h</sup>	<25
Antigua and Barbuda	87	...	27	12	1.5	1.6	35	32	30	...	75–89
Argentina	39 883	30	25	14	1.3	1.0	87	90	92	>90	90–100
Armenia	3 077	32	21	14	-1.2	-0.1	67	65	64	>90	50–74
Australia	21 074	37	19	19	1.2	1.2	85	87	89	>90	90–100
Austria	8 337	41	15	23	0.5	0.4	66	66	67	>90	90–100
Azerbaijan	8 731	28	25	9	1.4	0.9	54	51	52	>90	50–74
Bahamas	338	29	26	10	1.8	1.3	80	82	84	...	90–100
Bahrain	776	28	27	4	3.0	2.2	88	88	89	>90	75–89
Bangladesh	160 000	24	32	6	2.0	1.6	20	24	27	10 <sup>h</sup>	<25
Barbados	255	37	18	14	-0.2	0.1	33	36	40	>90	90–100
Belarus	9 679	38	15	18	0.0	-0.5	66	70	73	>90	90–100
Belgium	10 590	41	17	23	0.3	0.4	96	97	97	>90	90–100
Belize	301	22	36	6	2.9	2.3	47	48	52	94 <sup>h</sup>	90–100
Benin	8 662	18	43	5	3.3	3.2	34	38	41	60 <sup>h</sup>	<25
Bhutan	687	23	31	7	0.0	2.6	16	25	35	...	<25
Bolivia (Plurinational State of)	9 694	21	37	7	2.2	1.9	56	62	66	74 <sup>h</sup>	<25
Bosnia and Herzegovina	3 773	39	16	18	-2.2	0.8	39	43	47	>90	...
Botswana	1 921	22	34	6	2.7	1.5	42	53	60	58 <sup>h</sup>	<25
Brazil	191 972	28	26	10	1.6	1.3	75	81	86	89 <sup>h,k</sup>	75–89
Brunei Darussalam	392	27	27	5	2.7	2.1	66	71	75	>90	90–100
Bulgaria	7 593	41	13	24	-0.9	-0.7	66	69	71	>90	90–100
Burkina Faso	15 234	17	46	3	2.8	3.2	14	17	20	64 <sup>h</sup>	<25
Burundi	8 074	20	39	4	1.6	2.5	6	8	10	60 <sup>h</sup>	<25
Cambodia	14 562	22	34	6	3.0	1.7	13	17	22	66 <sup>h</sup>	<25
Cameroon	19 088	19	41	5	2.7	2.3	41	50	57	70 <sup>h</sup>	<25
Canada	33 259	39	17	19	1.1	1.0	77	79	80	>90	90–100
Cape Verde	499	20	37	6	2.2	1.6	44	53	60	>90	...
Central African Republic	4 339	19	41	6	2.5	1.9	37	38	39	49 <sup>h</sup>	<25
Chad	10 914	17	46	4	3.1	3.3	21	23	27	9 <sup>h</sup>	<25
Chile	16 804	31	23	13	1.7	1.1	83	86	88	>90	90–100
China	1 344 920	33	20	12	1.2	0.7	28	36	43	...	<25
Colombia	45 012	26	30	8	1.9	1.6	68	72	74	90 <sup>h</sup>	90–100
Comoros	661	21	38	5	2.4	2.2	28	28	28	83 <sup>h</sup>	<25
Congo	3 615	19	41	6	2.4	2.1	54	58	61	81 <sup>h,k</sup>	<25
Cook Islands	20	...	33	8	0.0	1.0	57	64	74	>90	>75
Costa Rica	4 519	27	26	9	2.5	1.9	51	59	63	>90	90–100
Côte d'Ivoire	20 591	19	41	6	3.3	2.3	40	44	49	55 <sup>h</sup>	<25
Croatia	4 423	41	15	23	0.2	-0.4	54	56	57	>90	90–100
Cuba	11 205	37	18	16	0.6	0.2	73	76	76	>90	90–100
Cyprus	862	36	18	18	1.4	1.2	67	69	70	>90	90–100
Czech Republic	10 319	39	14	21	0.0	0.1	75	74	73	>90	90–100
Democratic People's Republic of Korea	23 819	33	22	14	1.4	0.6	58	60	63	99 <sup>h</sup>	<25
Democratic Republic of the Congo	64 257	16	47	4	3.4	2.8	28	30	34	31 <sup>h</sup>	<25
Denmark	5 458	40	18	23	0.3	0.3	85	85	87	>90	90–100
Djibouti	849	21	37	5	3.2	2.1	76	83	87	89 <sup>h</sup>	<25

Total fertility rate <sup>a</sup> (per woman)			MDG 5 Adolescent fertility rate <sup>d</sup> (per 1000 girls 15–19 years)	Adult literacy rate <sup>e</sup> (%)		MDG 2 Net primary school enrolment rate <sup>c</sup> (%)				Gross national income per capita <sup>f</sup> (PPP int. \$)			MDG 1 Population living on <\$1 <sup>g</sup> a day <sup>e</sup> (%)
1990	2000	2008		1990– 1999	2000– 2007	Male		Female		1990	2000	2008	
1990	2000	2008	2000–2007	1990– 1999	2000– 2007	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990	2000	2008	2000–2007
8.0	7.7	6.6	151	...	28	...	...	...	0	...	...	...	...
2.9	2.2	1.9	13	...	99	...	91	...	91	2 820	4 370	7 950	<2.0
4.7	2.6	2.4	4	...	75	93	96	89	94	4 340	5 120	7 940	...
1.3 <sup>i</sup>	1.4 <sup>i</sup>	1.3 <sup>i</sup>	11	...	...	...	81	...	79	...	...	...	...
7.2	6.8	5.8	165	...	67	...	...	...	...	1 840	1 850	5 020	54.3
...	2.7 <sup>i</sup>	2.1 <sup>i</sup>	67	...	99	...	75	...	73	8 110	...	20 570	...
3.0	2.5	2.2	62	96	98	...	...	...	...	5 160	8 860	14 020	4.5
2.5	1.7	1.7	25	...	99	...	73	...	75	2 040	2 090	6 310	10.6
1.9	1.8	1.8	15	...	...	94	97	94	97	16 310	24 920	34 040	...
1.5	1.4	1.4	12 <sup>j</sup>	...	...	97	97	98	98	19 290	28 570	37 680	...
3.0	2.0	2.1	44	99	100	88	97	89	95	...	2 080	7 770	<2.0
2.6	2.2	2.0	43	...	...	89	89	89	92	...	...	...	...
3.7	2.6	2.3	15 <sup>j</sup>	84	89	95	98	97	98	10 830	20 030	...	...
4.4	3.0	2.3	127	35	53	...	85	...	86	500	820	1 440	49.6
1.7	1.5	1.5	51	...	...	...	...	...	...	...	...	...	...
1.9	1.2	1.3	20	100	100	...	93	...	96	4 650	5 120	12 150	<2.0
1.6	1.6	1.8	10	...	...	99	98	99	98	18 720	28 150	34 760	...
4.5	3.6	2.9	90	70	...	89	98	88	98	2 970	4 630	6 040	...
6.7	6.0	5.4	114	27	41	66	99	45	86	790	1 130	1 460	47.3
5.9	3.8	2.6	46	...	53	59	82	52	84	1 280	2 330	4 880	26.2
4.9	4.1	3.5	88	80	91	95	93	95	94	2 010	2 930	4 140	19.6
1.7	1.4	1.2	16 <sup>j</sup>	...	97	...	...	...	...	...	4 910	8 620	<2.0
4.7	3.4	2.9	51	69	83	80	85	83	87	4 860	8 310	13 100	...
2.8	2.4	1.9	56	...	90	...	93	...	92	5 050	6 810	10 070	5.2
3.2	2.5	2.1	26 <sup>j</sup>	88	95	...	93	...	93	35 700	42 070	...	...
1.7	1.2	1.4	38	...	98	98	95	96	94	5 000	6 000	11 950	<2.0
6.8	6.3	5.9	131	13	29	41	64	29	56	520	790	1 160	56.5
6.6	5.8	4.6	30	37	59	39	100	33	99	340	310	380	81.3
5.8	3.9	2.9	52	67	76	87	90	79	87	...	860	1 820	40.2
5.9	5.0	4.6	141	...	68	...	...	...	...	1 430	1 520	2 180	32.8
1.7	1.5	1.6	14 <sup>j</sup>	...	...	99	99	99	100	18 830	27 630	36 220	...
5.3	3.7	2.7	92	63	84	100	85	98	84	1 230	2 080	3 450	20.6
5.8	5.4	4.8	133	...	49	...	68	...	50	570	640	730	62.4
6.7	6.6	6.2	193	12	32	63	72	39	50	690	770	1 160	61.9
2.6	2.1	1.9	49	94	97	...	95	...	94	4 490	8 910	13 270	<2.0
2.3	1.8	1.8	5	78	93	...	...	...	...	800 <sup>l</sup>	2 330 <sup>l</sup>	6 020 <sup>l</sup>	15.9
3.1	2.6	2.4	96	91	93	93	90	93	90	4 120	5 550	8 510	16.0
5.5	4.3	4.0	95	63	75	70	79	59	67	880	970	1 170	46.1
5.4	4.8	4.4	132	...	...	...	79	...	75	2 060	1 990	3 090	54.1
...	3.2 <sup>i</sup>	2.6 <sup>i</sup>	47	...	...	87	69	83	66	...	...	...	...
3.2	2.4	2.0	63 <sup>j</sup>	...	96	...	...	...	...	4 340	6 620	10 950	2.4
6.3	5.2	4.6	111	36	49	63	62	48	50	1 170	1 430	1 580	23.3
1.7	1.4	1.4	13 <sup>j</sup>	97	99	86	91	85	90	9 530	10 580	18 420	<2.0
1.8	1.6	1.5	42 <sup>j</sup>	...	100	97	99	98	99	...	...	...	...
2.4	1.7	1.5	6 <sup>j</sup>	94	98	95	99	95	99	10 690	16 020	...	...
1.8	1.1	1.4	11 <sup>j</sup>	...	...	96	91	97	94	...	14 640	22 790	...
2.4	2.0	1.9	...	...	...	...	...	...	...	...	...	...	...
7.1	6.9	6.0	124	...	67	33	...	32	...	400	210	290	59.2
1.7	1.8	1.8	6 <sup>j</sup>	...	...	97	95	97	96	18 030	28 180	37 280	...
6.2	4.8	3.9	27	...	...	32	48	23	43	...	1 600	2 330	18.8

# 9. Demographic and socioeconomic statistics

02+2>六九一零  
2004年18-50+55  
Y2M.Y0124  
81:4CL-3

Member State	Population <sup>a</sup>									Civil registration coverage (%)	
	Total (000s)	Median age	Aged under 15 (%)	Aged over 60 (%)	Annual growth rate (%)		Living in urban areas (%)			Births <sup>b</sup>	Deaths <sup>c</sup>
					1988–1998	1998–2008	1990	2000	2008	2000–2008	
Dominica	67	...	27	12	-0.2	-0.2	68	71	74	>90	>75
Dominican Republic	9 953	25	32	8	1.9	1.5	55	62	69	78 <sup>h</sup>	50–74
Ecuador	13 481	25	31	9	2.0	1.2	55	60	66	85 <sup>h</sup>	50–74
Egypt	81 527	23	32	7	2.1	1.9	43	43	43	>90	75–89
El Salvador	6 134	23	33	10	1.2	0.4	49	58	61	>90	75–89
Equatorial Guinea	659	19	41	4	3.4	2.8	35	39	39	32 <sup>h</sup>	<25
Eritrea	4 927	19	42	4	1.2	3.7	16	18	21	...	<25
Estonia	1 341	39	15	22	-1.2	-0.4	71	69	69	>90	90–100
Ethiopia	80 713	18	44	5	3.2	2.6	13	15	17	7 <sup>h</sup>	<25
Fiji	844	24	32	8	0.9	0.7	42	48	52	>90	90–100
Finland	5 304	42	17	23	0.4	0.3	61	61	63	>90	90–100
France	62 036	40	18	22	0.4	0.6	74	76	77	>90	90–100
Gabon	1 448	21	37	6	3.0	2.1	69	80	85	89 <sup>h</sup>	<25
Gambia	1 660	19	42	5	3.8	3.1	38	49	57	55 <sup>h</sup>	<25
Georgia	4 307	37	17	19	-1.1	-1.2	55	53	53	>90	75–89
Germany	82 264	43	14	26	0.4	0.0	73	73	74	>90	90–100
Ghana	23 351	20	39	6	2.7	2.3	36	44	50	51 <sup>h</sup>	<25
Greece	11 137	41	14	24	0.8	0.2	59	60	61	>90	90–100
Grenada	104	24	28	9	0.3	0.2	32	31	31	...	...
Guatemala	13 686	19	42	6	2.3	2.4	41	45	49	>90	75–89
Guinea	9 833	18	43	5	3.4	2.0	28	31	34	43 <sup>h</sup>	<25
Guinea-Bissau	1 575	19	43	5	2.5	2.3	28	30	30	39 <sup>h</sup>	<25
Guyana	763	27	30	9	0.0	0.1	30	29	28	93 <sup>h</sup>	50–74
Haiti	9 876	21	37	6	2.0	1.7	29	36	47	81 <sup>h</sup>	<25
Honduras	7 319	20	38	6	2.6	2.0	40	44	48	94 <sup>h</sup>	...
Hungary	10 012	40	15	22	-0.2	-0.3	66	65	68	>90	90–100
Iceland	315	35	21	16	1.0	1.3	91	92	92	>90	90–100
India	1 181 412	24	32	7	2.0	1.6	26	28	29	41 <sup>h</sup>	<25
Indonesia	227 345	28	27	9	1.5	1.3	31	42	52	55 <sup>h</sup>	<25
Iran (Islamic Republic of)	73 312	26	24	7	1.9	1.2	56	64	68	>90	50–74
Iraq	30 096	19	41	5	3.0	2.6	70	68	67	95 <sup>h</sup>	<25
Ireland	4 437	34	21	16	0.5	1.8	57	59	61	>90	90–100
Israel	7 051	29	28	14	3.0	1.9	90	91	92	>90	90–100
Italy	59 604	43	14	26	0.0	0.4	67	67	68	>90	90–100
Jamaica	2 708	26	30	10	0.8	0.7	49	52	53	>90	...
Japan	127 293	44	13	29	0.3	0.1	63	65	66	>90	90–100
Jordan	6 136	22	35	6	4.5	2.8	72	78	78	>90	25–49
Kazakhstan	15 521	29	24	10	-0.7	0.2	56	56	58	>90	75–89
Kenya	38 765	18	43	4	3.1	2.6	18	20	22	48 <sup>h,k</sup>	25–49
Kiribati	97	...	31	7	1.7	1.7	35	43	44	...	>75
Kuwait	2 919	30	23	4	-0.4	4.0	98	98	98	>90	90–100
Kyrgyzstan	5 414	25	30	7	1.2	1.2	38	35	36	>90	75–89
Lao People's Democratic Republic	6 205	20	38	5	2.6	1.8	15	22	31	72 <sup>h</sup>	<25
Latvia	2 259	40	14	22	-0.9	-0.7	69	68	68	>90	90–100
Lebanon	4 194	28	26	10	2.4	1.3	83	86	87	>90	<25
Lesotho	2 049	19	39	7	1.6	1.2	14	20	25	26 <sup>h</sup>	<25
Liberia	3 793	18	43	5	0.9	4.4	45	54	60	4 <sup>h,k</sup>	<25
Libyan Arab Jamahiriya	6 294	25	30	6	2.1	2.0	76	76	78	...	<25
Lithuania	3 321	39	15	21	-0.3	-0.7	68	67	67	>90	90–100
Luxembourg	481	39	18	19	1.3	1.2	81	84	82	>90	90–100

Total fertility rate <sup>a</sup> (per woman)			MDG 5 Adolescent fertility rate <sup>d</sup> (per 1000 girls 15-19 years)	Adult literacy rate <sup>e</sup> (%)		MDG 2 Net primary school enrolment rate <sup>c</sup> (%)				Gross national income per capita <sup>f</sup> (PPP int. \$)			MDG 1 Population living on <\$1 <sup>g</sup> (PPP int. \$) a day <sup>e</sup> (%)
1990	2000	2008		1990- 1999	2000- 2007	Male		Female		1990	2000	2008	
1990	2000	2008	2000-2007	1990- 1999	2000- 2007	1990- 1999	2000- 2009	1990- 1999	2000- 2009	1990	2000	2008	2000-2007
3.0 <sup>i</sup>	2.3 <sup>i</sup>	2.1 <sup>i</sup>	48	...	...	95	68	93	72	4 080	5 350	8 300	...
3.5	2.9	2.6	98	...	89	79	80	80	80	2 610	4 810	7 890	5.0
3.7	3.0	2.6	100	88	84	97	93	98	90	3 510	4 430	7 760	4.7
4.6	3.3	2.9	27 <sup>j</sup>	56	66	88	95	82	92	2 240	3 570	5 460	<2.0
4.0	2.9	2.3	67 <sup>j</sup>	74	82	...	93	...	95	2 600	4 500	6 670	11.0
5.9	5.8	5.3	128	...	87	...	54	...	53	1 330	5 330	21 700	...
6.2	5.4	4.6	85	...	64	36	45	31	40	...	600	630	...
1.9	1.3	1.7	20	...	100	96	94	95	94	...	9 430	19 280	<2.0
7.1	6.2	5.3	109	27	36	43	81	30	75	390	460	870	39.0
3.4	3.1	2.7	30 <sup>j</sup>	...	...	98	91	99	91	2 370	3 510	4 270	...
1.7	1.7	1.8	9 <sup>j</sup>	...	...	99	96	98	96	17 220	25 470	35 660	...
1.8	1.8	1.9	8 <sup>j</sup>	...	...	99	98	99	99	17 800	26 380	34 400	...
5.2	4.1	3.3	...	72	86	...	81	...	80	9 700	9 940	12 270	4.8
6.1	5.6	5.1	104	...	...	81	67	71	71	760	920	1 280	34.3
2.2	1.6	1.6	37	...	...	...	100	...	98	3 900	2 150	4 850	13.4
1.4	1.3	1.3	10 <sup>j</sup>	...	...	99	98	99	98	18 630	25 670	35 940	...
5.6	4.7	4.3	74	...	65	61	73	58	74	630	900	1 430	30.0
1.4	1.3	1.4	11	93	97	92	99	93	100	13 080	18 440	28 470	...
3.8	2.6	2.3	53	...	...	...	92	...	93	3 410	5 560	8 060	...
5.6	4.8	4.1	92 <sup>j</sup>	64	73	86	97	78	93	2 360	3 470	4 690	11.7
6.7	6.0	5.4	153	...	29	51	76	35	66	620	850	1 190	70.1
5.9	5.9	5.7	170	...	...	61	61	43	43	490	530	530	48.8
2.6	2.5	2.3	90	...	...	...	95	...	95	730	1 910	2 510	...
5.4	4.3	3.5	69	...	...	...	...	...	...	1 170	1 060	1 180	54.9
5.1	4.0	3.3	108	...	84	...	96	...	98	1 760	2 510	3 870	18.2
1.8	1.3	1.4	20 <sup>j</sup>	99	99	88	90	88	88	8 390	11 730	17 790	<2.0
2.2	2.0	2.1	14 <sup>j</sup>	...	...	100	97	98	97	20 640	28 030	25 220	...
4.0	3.3	2.7	45	48	66	...	91	...	88	860	1 500	2 960	41.6
3.1	2.5	2.2	51	82	92	...	97	...	94	1 430	2 240	3 830	...
4.8	2.2	1.8	25	73	82	95	100	91	96	4 510	6 790	...	<2.0
6.0	5.0	4.1	68	...	74	94	93	81	81	...	...	...	...
2.1	1.9	2.0	17	...	...	93	96	94	97	11 950	24 590	37 350	...
3.0	2.9	2.8	15 <sup>j</sup>	...	...	98	97	98	98	12 580	21 480	27 450	...
1.3	1.2	1.4	7 <sup>j</sup>	...	99	99	99	99	98	17 360	25 370	30 250	...
2.9	2.6	2.4	58 <sup>j</sup>	80	86	88	86	89	84	3 880	5 560	7 360	<2.0
1.6	1.3	1.3	5 <sup>j</sup>	...	...	...	...	...	...	18 870	25 910	35 220	...
5.5	3.9	3.1	28	...	91	91	88	91	90	2 280	3 260	5 530	<2.0
2.8	1.9	2.3	27	100	100	...	90	...	89	5 120	4 460	9 690	3.1
6.0	5.0	4.9	116	...	74	62	81	63	82	990	1 130	1 580	19.7
4.6 <sup>i</sup>	4.3 <sup>i</sup>	3.1 <sup>i</sup>	39	...	...	...	...	...	...	2 070	3 820	3 660	...
3.5	2.4	2.2	14 <sup>j</sup>	78	94	86	89	87	87	...	35 010	...	...
3.9	2.7	2.5	28 <sup>j</sup>	99	99	89	84	87	83	1 810	1 250	2 140	21.8
6.0	4.6	3.5	110	60	73	81	84	74	81	680	1 130	2 040	44.0
1.9	1.2	1.4	17 <sup>j</sup>	...	100	98	89	96	92	7 810	8 010	16 740	<2.0
3.1	2.4	1.8	18	...	90	92	89	89	88	4 640	7 510	10 880	...
4.9	4.1	3.3	98	...	82	54	71	61	74	1 110	1 330	2 000	43.4
6.5	5.9	5.1	137	41	56	54	85	42	66	...	290	300	83.7
4.8	3.2	2.7	4 <sup>j</sup>	76	87	...	...	...	...	...	...	15 630	...
2.0	1.3	1.3	19 <sup>j</sup>	...	100	96	92	95	91	9 000	8 460	18 210	<2.0
1.6	1.7	1.7	10 <sup>j</sup>	...	...	96	95	98	96	28 900	46 690	64 320	...

# 9. Demographic and socioeconomic statistics

02+2>六九一零  
2004年18-50+岁  
Y2M.Y0124  
81:4CL-3

Member State	Population <sup>a</sup>									Civil registration coverage (%)	
	Total (000s)	Median age	Aged under 15 (%)	Aged over 60 (%)	Annual growth rate (%)		Living in urban areas (%)			Births <sup>b</sup>	Deaths <sup>c</sup>
					1988–1998	1998–2008	1990	2000	2008	2000–2008	
Madagascar	19 111	18	43	5	3.0	2.8	24	27	29	75 <sup>h</sup>	<25
Malawi	14 846	17	46	5	2.5	2.9	12	15	19	...	<25
Malaysia	27 014	26	30	7	2.6	2.0	50	62	70	>90	...
Maldives	305	23	29	6	2.6	1.5	26	28	38	>90	75–89
Mali	12 706	18	44	4	1.9	2.3	23	28	32	53 <sup>h</sup>	<25
Malta	407	38	16	20	0.8	0.6	90	92	94	>90	90–100
Marshall Islands	61	...	31	7	1.6	1.6	65	68	71	...	...
Mauritania	3 215	20	40	4	2.7	2.7	40	40	41	56 <sup>h</sup>	<25
Mauritius	1 280	32	23	11	1.2	0.9	44	43	42	>90	90–100
Mexico	108 555	27	29	9	1.9	1.2	71	75	77	...	90–100
Micronesia (Federated States of)	110	20	37	6	1.6	0.3	26	22	22	...	...
Monaco	33	...	18	22	0.9	0.4	100	100	100	>90	>75
Mongolia	2 641	25	27	6	1.0	1.2	57	57	57	>90	75–89
Montenegro	622	35	20	17	1.2	–0.5	48	59	60	>90	...
Morocco	31 606	25	29	8	1.6	1.2	48	53	56	85 <sup>h</sup>	...
Mozambique	22 383	18	44	5	2.6	2.6	21	31	37	31 <sup>h</sup>	<25
Myanmar	49 563	27	27	8	1.4	0.8	25	28	33	65 <sup>h,k</sup>	<25
Namibia	2 130	21	37	5	2.9	2.0	28	32	37	67 <sup>h</sup>	<25
Nauru	10	...	31	7	1.4	0.1	100	100	100	...	...
Nepal	28 810	21	37	6	2.5	2.1	9	13	17	35 <sup>h</sup>	<25
Netherlands	16 528	40	18	21	0.6	0.5	69	77	82	>90	90–100
New Zealand	4 230	36	21	17	1.3	1.1	85	86	87	>90	90–100
Nicaragua	5 667	21	36	6	2.2	1.4	52	55	57	81 <sup>h</sup>	50–74
Niger	14 704	15	50	4	3.3	3.6	15	16	16	32 <sup>h</sup>	<25
Nigeria	151 212	18	43	5	2.5	2.4	35	43	48	30 <sup>h</sup>	<25
Niue	2	...	33	8	–2.0	–2.7	31	34	39	>90	>75
Norway	4 767	39	19	20	0.5	0.7	72	76	77	>90	90–100
Oman	2 785	24	32	5	3.0	1.8	66	72	72	...	50–74
Pakistan	176 952	21	37	6	2.6	2.3	31	33	36	...	<25
Palau	20	...	31	7	2.5	1.0	70	70	80	>90	...
Panama	3 399	27	30	9	2.0	1.8	54	66	73	>90	90–100
Papua New Guinea	6 577	20	40	4	2.6	2.5	15	13	12	...	...
Paraguay	6 238	23	34	7	2.4	2.0	49	55	60	...	75–89
Peru	28 837	25	31	8	1.9	1.3	69	71	71	93 <sup>h</sup>	50–74
Philippines	90 348	23	34	6	2.3	1.9	49	59	65	>90	90–100
Poland	38 104	38	15	18	0.2	–0.1	61	62	61	>90	90–100
Portugal	10 677	40	15	23	0.1	0.5	48	54	59	>90	90–100
Qatar	1 281	30	16	2	2.8	8.1	92	95	96	>90	75–89
Republic of Korea	48 152	37	17	15	0.8	0.5	74	80	81	>90	90–100
Republic of Moldova	3 633	35	17	15	–0.2	–1.5	47	45	42	>90	90–100
Romania	21 361	38	15	20	–0.3	–0.5	53	53	54	>90	90–100
Russian Federation	141 394	38	15	17	0.1	–0.4	73	73	73	>90	90–100
Rwanda	9 721	18	42	4	–0.3	3.6	5	14	18	82 <sup>h</sup>	<25
Saint Kitts and Nevis	51	...	27	12	0.9	1.3	35	33	32	...	>75
Saint Lucia	170	27	27	9	1.4	1.1	29	28	28	>90	90–100
Saint Vincent and the Grenadines	109	27	27	9	0.1	0.1	41	44	47	>90	90–100
Samoa	179	19	40	7	0.9	0.3	21	22	23	>90	...
San Marino	31	...	14	26	1.1	1.7	90	93	94	>90	>75
Sao Tome and Principe	160	19	41	5	2.0	1.7	44	53	61	69 <sup>h</sup>	...
Saudi Arabia	25 201	24	33	4	2.7	2.5	77	80	82	...	25–49



Total fertility rate <sup>a</sup> (per woman)			MDG 5 Adolescent fertility rate <sup>d</sup> (per 1000 girls 15–19 years)	Adult literacy rate <sup>e</sup> (%)		MDG 2 Net primary school enrolment rate <sup>c</sup> (%)				Gross national income per capita <sup>f</sup> (PPP int. \$)			MDG 1 Population living on <\$1 <sup>g</sup> (PPP int. \$) a day <sup>e</sup> (%)
1990	2000	2008		1990– 1999	2000– 2007	Male		Female		1990	2000	2008	
6.3	5.6	4.7	154	...	71	66	98	66	99	720	790	1 040	67.8
7.0	6.2	5.5	178	64	72	99	88	97	93	440	610	830	73.9
3.7	3.0	2.6	13 <sup>j</sup>	83	92	99	98	97	97	4 590	8 350	13 740	<2.0
6.1	2.8	2.0	8	96	97	98	97	97	95	...	2 680	5 280	...
6.4	5.8	5.5	190	19	26	52	86	37	71	540	750	1 090	51.4
2.0	1.6	1.3	17 <sup>j</sup>	88	92	94	92	96	91	10 450	17 830	...	...
5.7 <sup>i</sup>	4.4 <sup>i</sup>	3.7 <sup>i</sup>	88 <sup>j</sup>	...	...	...	67	...	66	...	...	...	...
5.9	5.1	4.5	88	...	56	62	77	62	82	1 210	1 430	...	21.2
2.2	2.0	1.8	35 <sup>j</sup>	51	87	90	93	91	94	4 110	7 490	12 480	...
3.4	2.5	2.2	82 <sup>j</sup>	88	93	97	98	97	98	5 990	8 950	14 270	<2.0
5.0	4.3	3.6	51 <sup>j</sup>	...	...	...	...	...	...	...	2 790	3 000	...
1.1 <sup>i</sup>	1.2 <sup>i</sup>	1.5 <sup>i</sup>	...	...	...	...	...	...	...	...	...	...	...
4.2	2.2	2.0	19 <sup>j</sup>	...	97	92	89	94	88	1 500	1 790	3 480	22.4
1.9	1.8	1.6	16	...	...	...	...	...	...	...	6 320	13 920	...
4.0	2.7	2.4	18 <sup>m</sup>	42	56	76	92	65	87	1 930	2 570	4 330	2.5
6.2	5.7	5.1	185 <sup>m</sup>	39	44	58	82	46	77	270	420	770	74.7
3.4	2.5	2.3	...	...	90	...	...	...	...	...	...	...	...
5.2	4.0	3.4	74	76	88	85	87	91	91	2 920	4 040	6 270	...
...	3.7 <sup>i</sup>	2.9 <sup>i</sup>	69	...	...	...	72	...	73	...	...	...	...
5.2	4.0	2.9	106	33	57	73	79	57	76	510	800	1 120	55.1
1.6	1.7	1.7	4 <sup>i</sup>	...	...	100	99	99	98	17 530	30 000	41 670	...
2.1	1.9	2.0	29 <sup>j</sup>	...	...	99	99	99	99	13 490	19 430	25 090	...
4.8	3.3	2.7	109	...	78	76	92	77	92	1 320	1 780	2 620	15.8
7.9	7.5	7.1	199	...	29	30	55	21	43	480	500	680	65.9
6.6	5.9	5.3	126	55	72	66	64	54	58	950	1 130	1 940	64.4
...	...	...	28	...	...	99	...	98	...	...	...	...	...
1.9	1.8	1.9	9 <sup>j</sup>	...	...	100	98	100	98	17 420	35 600	58 500	...
6.6	4.4	3.0	11	...	84	81	67	81	69	9 900	14 440	...	...
6.1	4.7	4.0	20	43	54	...	72	...	60	1 260	1 690	2 700	22.6
2.8 <sup>i</sup>	2.0 <sup>i</sup>	1.9 <sup>i</sup>	31	...	...	...	...	...	...	...	...	...	...
3.0	2.7	2.5	85	89	93	96	99	96	98	4 180	6 830	11 650	9.5
4.8	4.5	4.1	70	...	58	...	...	...	...	1 190	1 630	2 000	...
4.5	3.7	3.0	65	90	95	96	92	96	93	2 970	3 370	4 820	6.5
3.8	2.9	2.6	59	87	90	98	97	98	97	3 120	4 750	7 980	7.9
4.3	3.5	3.1	55	94	93	90	89	90	91	1 710	2 430	3 900	22.6
2.0	1.3	1.3	13	99	99	96	95	96	96	5 160	10 410	17 310	<2.0
1.5	1.4	1.4	17 <sup>j</sup>	88	95	...	99	...	98	10 700	16 650	22 080	...
4.4	3.1	2.4	16 <sup>j</sup>	83	93	90	95	91	94	...	...	...	...
1.6	1.4	1.2	2 <sup>j</sup>	...	...	98	100	98	97	8 200	17 050	28 120	...
2.4	1.6	1.5	25 <sup>j</sup>	...	99	...	84	...	82	2 800	1 320	3 210	8.1
1.9	1.3	1.3	35 <sup>j</sup>	97	98	96	94	95	94	5 180	5 610	13 500	<2.0
1.9	1.2	1.4	28 <sup>j</sup>	...	100	...	...	...	...	9 100	7 430	15 630	<2.0
6.8	5.9	5.4	40	58	65	...	95	...	97	510	580	1 010	76.6
2.6 <sup>i</sup>	2.2 <sup>i</sup>	1.8 <sup>i</sup>	74	...	...	...	86	...	88	5 780	9 440	15 170	...
3.4	2.3	2.0	49	...	...	94	92	90	91	4 680	6 720	9 190	...
3.0	2.4	2.1	57 <sup>j</sup>	...	...	...	98	...	92	3 030	5 060	8 770	...
4.8	4.5	4.0	29	98	99	92	91	91	91	2 880	2 870	4 340	...
...	1.3 <sup>i</sup>	1.5 <sup>i</sup>	1 <sup>j</sup>	...	...	...	...	...	...	...	...	...	...
5.4	4.6	3.8	91	73	88	86	98	85	97	...	...	1 780	...
5.8	4.2	3.1	7 <sup>n</sup>	71	85	...	85	...	84	14 670	17 490	...	...

# 9. Demographic and socioeconomic statistics

02+2>六九  
2014年18-50岁  
Y2M.Y014  
81:4CL-3

Member State	Population <sup>a</sup>									Civil registration coverage (%)	
	Total (000s)	Median age	Aged under 15 (%)	Aged over 60 (%)	Annual growth rate (%)		Living in urban areas (%)			Births <sup>b</sup>	Deaths <sup>c</sup>
					1988–1998	1998–2008	1990	2000	2008	2000–2008	
Senegal	12 211	18	44	4	2.8	2.6	39	41	42	55 <sup>h</sup>	<25
Serbia	9 839	37	18	19	0.8	-0.4	50	51	52	>90	...
Seychelles	84	...	24	11	1.3	0.6	49	51	54	>90	>75
Sierra Leone	5 560	18	43	4	0.3	3.2	33	36	38	48 <sup>h</sup>	<25
Singapore	4 615	39	17	14	2.8	1.9	100	100	100	>90	75–89
Slovakia	5 400	36	16	17	0.3	0.0	56	56	56	>90	90–100
Slovenia	2 015	41	14	21	0.4	0.2	50	51	48	>90	90–100
Solomon Islands	511	20	39	5	2.8	2.6	14	16	18	...	...
Somalia	8 926	18	45	4	0.7	2.5	30	33	37	3 <sup>h</sup>	<25
South Africa	49 668	24	31	7	2.1	1.3	52	57	61	78 <sup>h,k</sup>	75–89
Spain	44 486	40	15	22	0.3	1.1	75	76	77	>90	90–100
Sri Lanka	20 061	30	24	11	1.0	0.8	17	16	15	>90	50–74
Sudan	41 348	20	40	6	2.5	2.2	27	36	43	33 <sup>h</sup>	<25
Suriname	515	27	29	9	1.4	1.3	68	72	75	>90	75–89
Swaziland	1 168	19	40	5	2.6	1.2	23	23	25	30 <sup>h</sup>	<25
Sweden	9 205	41	17	24	0.5	0.4	83	84	85	>90	90–100
Switzerland	7 541	41	16	23	0.8	0.6	73	73	73	>90	90–100
Syrian Arab Republic	21 227	22	35	5	2.7	3.0	49	52	54	...	90–100
Tajikistan	6 836	20	38	5	1.8	1.3	32	26	26	88 <sup>h</sup>	50–74
Thailand	67 386	32	22	11	1.1	0.9	29	31	33	99 <sup>h</sup>	50–74
The former Yugoslav Republic of Macedonia	2 041	35	18	16	0.6	0.2	58	63	67	>90	90–100
Timor-Leste	1 098	17	45	5	1.5	2.9	21	24	27	53 <sup>h,k</sup>	<25
Togo	6 459	19	40	5	2.8	2.7	30	37	42	78 <sup>h</sup>	<25
Tonga	104	21	37	8	0.5	0.6	23	23	25	...	...
Trinidad and Tobago	1 333	30	21	10	0.6	0.4	9	11	13	96 <sup>h</sup>	90–100
Tunisia	10 169	28	24	9	1.6	0.9	58	63	67	>90	25–49
Turkey	73 914	28	27	9	1.7	1.4	59	65	69	84 <sup>h</sup>	50–74
Turkmenistan	5 044	24	30	6	2.3	1.4	45	46	49	96 <sup>h</sup>	...
Tuvalu	10	...	33	8	0.7	0.5	41	46	49	...	>75
Uganda	31 657	15	49	4	3.3	3.2	11	12	13	21 <sup>h</sup>	<25
Ukraine	45 992	39	14	21	-0.3	-0.8	67	67	68	>90	90–100
United Arab Emirates	4 485	31	19	2	5.5	4.4	79	78	78	...	75–89
United Kingdom	61 231	39	18	22	0.3	0.5	89	89	90	>90	90–100
United Republic of Tanzania	42 484	17	45	5	3.1	2.7	19	22	25	8 <sup>h</sup>	<25
United States of America	311 666	36	20	18	1.2	1.0	75	79	82	>90	90–100
Uruguay	3 349	33	23	18	0.7	0.2	89	91	92	>90	90–100
Uzbekistan	27 191	24	30	6	2.1	1.2	40	37	37	100 <sup>h</sup>	75–89
Vanuatu	234	20	39	5	2.5	2.5	19	22	25	...	...
Venezuela (Bolivarian Republic of)	28 121	26	30	8	2.2	1.8	84	90	93	>90	90–100
Viet Nam	87 096	27	27	9	1.8	1.3	20	24	28	>90	<25
Yemen	22 917	17	44	4	4.1	2.9	21	26	31	22 <sup>h</sup>	<25
Zambia	12 620	17	46	5	2.9	2.4	39	35	35	10 <sup>h</sup>	<25
Zimbabwe	12 463	19	40	6	2.2	0.2	29	34	37	74 <sup>h</sup>	25–49

Total fertility rate <sup>a</sup> (per woman)			MDG 5 Adolescent fertility rate <sup>d</sup> (per 1000 girls 15–19 years)	Adult literacy rate <sup>e</sup> (%)		MDG 2 Net primary school enrolment rate <sup>c</sup> (%)				Gross national income per capita <sup>f</sup> (PPP int. \$)			MDG 1 Population living on <\$1 <sup>g</sup> (PPP int. \$) a day <sup>h</sup> (%)
1990	2000	2008	2000–2007	1990– 1999	2000– 2007	Male		Female		1990	2000	2008	2000–2007
						1990– 1999	2000– 2009	1990– 1999	2000– 2009				
6.7	5.6	5.0	100	...	42	59	72	51	74	...	...	1 760	33.5
2.1	1.7	1.6	24	...	...	...	95	...	95	...	6 000	11 150	...
2.7 <sup>i</sup>	2.2 <sup>i</sup>	1.9 <sup>i</sup>	54	88	92	...	99	...	100	9 460	15 310	19 770	...
5.5	5.4	5.2	146	...	38	...	...	...	...	430	350	750	53.4
1.8	1.5	1.3	6 <sup>i</sup>	89	94	...	...	...	...	17 690	32 880	47 940	...
2.0	1.3	1.3	21 <sup>j</sup>	...	...	...	91	...	92	7 730	10 800	21 300	...
1.5	1.2	1.4	5 <sup>j</sup>	100	100	96	96	95	95	...	17 460	26 910	<2.0
5.9	4.6	3.9	...	...	...	...	62	...	61	...	...	2 580	...
6.6	6.5	6.4	123	...	...	...	...	...	...	...	...	...	...
3.7	2.9	2.5	54	82	88	91	87	93	88	5 440	6 470	9 780	26.2
1.3	1.2	1.4	12	96	98	100	100	99	100	13 240	21 120	31 130	...
2.5	2.2	2.3	28	...	91	...	100	...	100	1 450	2 660	4 460	14.0
6.0	5.1	4.2	...	...	61	...	43	...	36	650	1 070	1 930	...
2.7	2.7	2.4	63 <sup>k</sup>	...	90	...	91	...	90	3 780	4 400	7 130	...
5.7	4.2	3.5	111	...	84	69	82	71	84	2 660	3 650	5 010	62.9
2.0	1.6	1.9	6 <sup>l</sup>	...	...	...	94	...	94	19 120	27 500	38 180	...
1.5	1.4	1.5	4 <sup>l</sup>	...	...	95	94	96	93	25 440	34 020	46 460	...
5.5	3.8	3.2	75	...	83	95	97	88	92	2 070	3 150	4 350	...
5.2	4.0	3.4	27	...	100	...	99	...	95	2 210	800	1 860	21.5
2.1	1.8	1.8	46	...	94	...	...	...	...	2 690	4 610	5 990	<2.0
2.1	1.7	1.4	19	94	97	94	86	92	87	5 500	5 830	9 950	<2.0
5.3	7.1	6.5	59	...	...	...	77	...	74	...	790	4 690	52.9
6.3	5.1	4.3	...	...	53	93	89	73	78	600	690	820	38.7
4.6	4.2	4.0	16	99	99	90	97	86	96	1 980	2 960	3 880	...
2.4	1.6	1.6	35	97	99	89	94	89	93	6 770	10 670	23 950	...
3.6	2.1	1.8	6 <sup>m</sup>	...	78	96	97	94	98	2 810	4 590	7 070	2.6
3.1	2.4	2.1	51	79	89	...	95	...	92	4 210	8 720	13 770	2.7
4.3	2.8	2.5	20	99	100	...	...	...	...	2 710	1 930	6 210	...
3.8 <sup>n</sup>	3.6 <sup>n</sup>	3.2 <sup>n</sup>	22 <sup>n</sup>	...	...	...	...	...	...	...	...	...	...
7.1	6.8	6.3	159	56	74	...	94	...	97	400	680	1 140	51.5
1.9	1.1	1.3	30	...	100	...	89	...	89	5 950	3 170	7 210	<2.0
4.4	2.7	1.9	23	...	90	79	92	78	91	40 090	41 500	...	...
1.8	1.7	1.8	26	...	...	100	97	100	98	15 860	25 590	36 130	...
6.2	5.7	5.6	139	...	72	48	100	50	99	590	750	1 230	88.5
2.0	2.0	2.1	41 <sup>o</sup>	...	...	94	91	94	92	22 940	35 190	46 970	...
2.5	2.2	2.1	63	97	98	...	97	...	98	5 090	8 170	12 540	<2.0
4.2	2.8	2.3	26	...	97	...	91	...	89	...	1 420	2 660	46.3
4.9	4.5	4.0	...	66	78	92	87	91	86	2 520	2 930	3 940	...
3.4	2.8	2.5	91	90	95	85	90	86	90	6 800	8 360	12 830	3.5
3.7	2.3	2.1	35	90	...	...	96	...	91	610	1 390	2 700	21.5
8.1	6.3	5.2	80	37	59	70	79	41	66	1 270	1 710	2 210	17.5
6.5	6.2	5.8	146	68	71	71	95	68	96	820	840	1 230	64.3
5.2	3.9	3.4	101	84	91	83	89	83	91	...	...	...	...

# 9. Demographic and socioeconomic statistics

62+2>六九零  
376+618-50+45  
Y2M.Y0(4  
81:4CL-3

Member State	Population <sup>a</sup>									Civil registration coverage (%)	
	Total (000s)	Median age	Aged under 15 (%)	Aged over 60 (%)	Annual growth rate (%)		Living in urban areas (%)			Births <sup>b</sup>	Deaths <sup>c</sup>
					1988–1998	1998–2008	1990	2000	2008	2000–2008	

## RANGES OF COUNTRY VALUES

Minimum	2	15	13	2	-2.2	-2.7	5	8	10	3	...
Median	6 836	25	30	8	1.6	1.3	49	53	57	>90	...
Maximum	1 344 920	44	50	29	5.5	8.1	100	100	100	100	...

## WHO REGION

African Region	804 865	19	42	5	2.7	2.5	29	34	37	...	...
Region of the Americas	915 430	31	25	13	1.5	1.2	72	77	80	...	...
South-East Asia Region	1 760 486	25	31	8	1.8	1.5	26	29	32	...	...
European Region	889 170	37	18	19	0.3	0.2	68	69	70	...	...
Eastern Mediterranean Region	580 208	22	35	6	2.5	2.1	44	47	49	...	...
Western Pacific Region	1 787 321	33	21	12	1.2	0.8	34	41	47	...	...

## INCOME GROUP

Low income	975 322	21	38	6	2.5	2.1	23	26	29	...	...
Lower middle income	3 770 921	27	28	9	1.6	1.3	31	37	41	...	...
Upper middle income	954 057	30	25	11	1.2	0.8	68	72	75	...	...
High income	1 037 180	39	18	21	0.7	0.7	73	76	77	...	...

<b>GLOBAL</b>	6 737 480	29	27	11	1.5	1.3	43	47	50	...	...
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Total fertility rate <sup>a</sup> (per woman)			MDG 5 Adolescent fertility rate <sup>d</sup> (per 1000 girls 15–19 years)	Adult literacy rate <sup>e</sup> (%)		MDG 2 Net primary school enrolment rate <sup>c</sup> (%)				Gross national income per capita <sup>f</sup> (PPP int. \$)			MDG 1 Population living on <\$1 <sup>g</sup> a day <sup>g</sup> (%)
1990	2000	2008		1990– 1999	2000– 2007	Male		Female		1990	2000	2008	
1990	2000	2008	2000–2007	1990– 1999	2000– 2007	1990– 1999	2000– 2009	1990– 1999	2000– 2009	1990	2000	2008	2000–2007
1.1	1.1	1.2	1	12	26	30	43	21	0	270	210	290	<2.0
3.7	2.7	2.4	43	80	89	92	92	90	91	3 000	4 460	6 290	19.6
8.1	7.7	7.1	199	100	100	100	100	100	100	40 090	46 690	64 320	88.5
6.2	5.4	4.9	118	51	63	61	80	54	76	1 319	1 506	2 279	52.8
2.7	2.4	2.2	61	...	91	94	93	94	93	11 833	17 520	24 005	6.5
3.8	3.0	2.6	55	52	71	...	91	...	89	994	1 670	3 043	40.5
1.9	1.6	1.6	23	...	98	98	96	98	95	11 546	15 193	22 849	4.2
5.5	4.0	3.4	35	53	66	...	82	79	70	2 981	4 313	3 805	11.8
2.4	1.9	1.8	11	79	93	...	...	...	...	2 824	4 918	8 958	16.7
5.4	4.5	4.0	110	51	60	56	85	48	80	594	835	1 372	47.6
3.4	2.7	2.5	35	66	81	...	87	...	83	1 208	2 173	4 363	26.1
2.8	2.2	2.0	51	89	93	94	94	94	93	5 796	7 347	12 337	4.4
1.8	1.7	1.7	21	...	...	96	94	96	94	18 302	27 417	37 750	...
3.3	2.7	2.5	47	68	81	...	89	...	85	4 862	6 940	10 290	25.6

These summary tables represent the best estimates of WHO – based on evidence available in 2009 – rather than the official estimates of Member States. These estimates have been computed using standard categories and methods to enhance cross-national comparability. Therefore, they are not always the same as official national estimates, nor necessarily endorsed by specific Member States.

For indicators with a reference period expressed as a range, figures refer to the latest available year in the range; except in **Table 8. Health inequities**, where the figures refer to the period specified. For more information on specific years, indicator definitions and metadata, please refer to [www.who.int/whosis](http://www.who.int/whosis).

... Data not available or not applicable.

The global, regional and income aggregates for rates and ratios are weighted averages when relevant, while for absolute numbers they are the sums. Aggregates are calculated only if data are available for 50% of the population within the group. Income-group aggregates are calculated using the 2009 World Bank list of economies<sup>1</sup> unless otherwise noted.

### Table 1 Mortality and burden of disease

<sup>a</sup> *Life tables for WHO Member States*. Geneva, World Health Organization, 2010 ([http://www.who.int/whosis/database/life\\_tables/life\\_tables.cfm](http://www.who.int/whosis/database/life_tables/life_tables.cfm)).

<sup>b</sup> Healthy life expectancy (HALE) estimates use methods described in the statistical annex to *The world health report 2004 – Changing history*. Estimates for 2007 have been revised to take into account the Global Burden of Disease estimates for Member States for the year 2004 and may not be entirely comparable with those for 2002 published in *World Health Statistics 2007*. Income-group aggregates are based on the 2008 World Bank list of economies.

<sup>c</sup> *Mortality data*. Geneva, World Health Organization, 2010 ([www.who.int/healthinfo/statistics/mortality/en/](http://www.who.int/healthinfo/statistics/mortality/en/)).

### Table 2 Cause-specific mortality and morbidity

<sup>a</sup> Sources: *Towards reaching health-related Millennium Development Goals: Progress report and way forward. Report of the regional director*. Brazzaville, WHO Regional Office for Africa, 2009. See Annex 3; *PAHO basic indicators 2009*. Washington, DC, Pan American Health Organization, 2009 ([www.paho.org/English/SHA/coredata/tabulator/newTabulator.htm](http://www.paho.org/English/SHA/coredata/tabulator/newTabulator.htm)); *European health for all database* (HFA-DB). Copenhagen, WHO Regional Office for Europe, 2009 (<http://data.euro.who.int/hfad/>); *Country health information profiles* (CHIPS). Manila, WHO Regional Office for the Western Pacific, 2009 ([www.wpro.who.int/countries/countries.htm](http://www.wpro.who.int/countries/countries.htm)); *Core health indicators and MDGs*. New Delhi, WHO Regional Office for South-East Asia, 2008 (<http://203.90.70.117/esidas/CoreHealthData.asp>). Additional data compiled by the WHO Regional Office for the Eastern Mediterranean.

<sup>b</sup> *Maternal mortality in 2005: estimates developed by WHO, UNICEF, UNFPA and the World Bank*. Geneva, World Health Organization, 2007 ([www.who.int/reproductive-health/publications/maternal\\_mortality\\_2005/mme\\_2005.pdf](http://www.who.int/reproductive-health/publications/maternal_mortality_2005/mme_2005.pdf)). Income-group aggregates are based on the 2005 World Bank list of economies.

<sup>c</sup> Based on the *2008 report on the global AIDS epidemic*. Geneva, UNAIDS and World Health Organization, 2008. See Annex: HIV and AIDS estimates and data, 2007 and 2001 ([http://data.unaids.org/pub/GlobalReport/2008/jc1510\\_2008\\_global\\_report\\_pp211\\_234\\_en.pdf](http://data.unaids.org/pub/GlobalReport/2008/jc1510_2008_global_report_pp211_234_en.pdf)). Ranges of estimates are available from this document. WHO regional and global figures are updates for the year 2008. Income-group aggregates are based on the 2008 World Bank list of economies.

<sup>d</sup> *World malaria report 2008*. Geneva, World Health Organization, 2008 ([www.who.int/malaria/wmr2008](http://www.who.int/malaria/wmr2008)). See Annex 1: Estimating the numbers of malaria cases and deaths by country in 2006.

<sup>e</sup> These are classified as deaths from tuberculosis (A15–A19, B90) according to the *International statistical classification of diseases and related health problems*, tenth revision. Geneva, World Health Organization, 1992. *Global tuberculosis control: A short update to the 2009 report*. Geneva, World Health Organization, 2009 (WHO/HTM/TB/2009.426) ([www.who.int/tb/publications/global\\_report](http://www.who.int/tb/publications/global_report)). WHO region, income group and global aggregates include territories.

<sup>1</sup> World Bank list of economies (July 2009). Washington, DC, World Bank, July 2009: <http://siteresources.worldbank.org/DATASTATISTICS/Resources/CLASS.XLS>

- <sup>f</sup> *Mortality and burden of disease estimates for WHO Member States in 2004*. Geneva, World Health Organization, 2009 ([www.who.int/entity/healthinfo/statistics/bodgbddeathdalyestimates.xls](http://www.who.int/entity/healthinfo/statistics/bodgbddeathdalyestimates.xls)). Communicable diseases include maternal causes, conditions arising during the perinatal period and nutritional deficiencies. Income-group aggregates are based on the 2004 World Bank list of economies.
- <sup>g</sup> Rates are age-standardized to WHO's world standard population. Ahmad OB et al. *Age standardization of rates: a new WHO standard*. Geneva, World Health Organization, 2001 (GPE Discussion Paper Series No. 31) ([www.who.int/healthinfo/paper31.pdf](http://www.who.int/healthinfo/paper31.pdf)).
- <sup>h</sup> Individual percentages may not add up to 100% due to rounding.
- <sup>i</sup> *Mortality data*. Geneva, World Health Organization, 2010 ([www.who.int/healthinfo/statistics/mortality/en/](http://www.who.int/healthinfo/statistics/mortality/en/)).
- <sup>j</sup> Data are for all forms of tuberculosis including tuberculosis in people with HIV infection. *Global tuberculosis control: A short update to the 2009 report*. Geneva, World Health Organization, 2009 (WHO/HTM/TB/2009.426) ([www.who.int/tb/publications/global\\_report](http://www.who.int/tb/publications/global_report)). WHO region, income group and global aggregates include territories.
- <sup>k</sup> The number of deaths is estimated at less than 0.05 per 100 000 population.
- <sup>l</sup> The Ministry of Health and Social Services Seychelles reported 1 maternal death in 2008.

### Table 3 Selected infectious diseases

- <sup>a</sup> Cholera: global surveillance summary, 2008. *Weekly Epidemiological Record*, No. 31, 2009, 84:309–324 ([www.who.int/wer](http://www.who.int/wer)).
- <sup>b</sup> *WHO/UNICEF estimates of disease incidence*. Geneva, World Health Organization, 2009 ([www.who.int/immunization\\_monitoring/data/en/](http://www.who.int/immunization_monitoring/data/en/)).
- <sup>c</sup> *Cumulative number of confirmed human cases of avian influenza A(H5N1) reported to WHO*. Geneva, World Health Organization, 2009 ([www.who.int/csr/disease/avian\\_influenza/country/cases\\_table\\_2009\\_12\\_30/en/index.html](http://www.who.int/csr/disease/avian_influenza/country/cases_table_2009_12_30/en/index.html)). All dates refer to onset of illness. WHO reports only laboratory-confirmed cases.
- <sup>d</sup> Global leprosy situation, 2009. *Weekly Epidemiological Record*, No. 33, 2009, 84:333–340 ([www.who.int/wer](http://www.who.int/wer)).
- <sup>e</sup> *World malaria report 2009*. Annex 3.A: Reported malaria cases, 1990–2008. Geneva, World Health Organization, 2009 ([www.who.int/malaria/world\\_malaria\\_report\\_2009/en/index.html](http://www.who.int/malaria/world_malaria_report_2009/en/index.html)).
- <sup>f</sup> Suspected meningitis cases reported to WHO Epidemic and Pandemic Alert and Response (EPR) in African countries under enhanced surveillance up to 29 November 2009.
- <sup>g</sup> Human plague: review of regional morbidity and mortality, 2004–2009. *Weekly Epidemiological Record*, No. 6, 2010, 85:37–48 ([www.who.int/wer](http://www.who.int/wer)).
- <sup>h</sup> Data from World Health Organization, Polio Eradication Initiative, as of 12 January 2010. Updated information can be found at: [www.who.int/immunization\\_monitoring/en/diseases/poliomyelitis/case\\_count.cfm](http://www.who.int/immunization_monitoring/en/diseases/poliomyelitis/case_count.cfm) Confirmed polio cases refer to any circulating polioviruses (wild poliovirus and circulating Vaccine Derived Poliovirus – cVDPV). Figures include 2 cVDPVs in the Democratic Republic of the Congo and India; 1 cVDPV in Ethiopia and Guinea; and 148 cVDPVs in Nigeria. Afghanistan, India, Nigeria and Pakistan are currently endemic countries. For non-endemic countries, cases are the result of importation.
- <sup>i</sup> Number of new smear-positive cases notified to WHO. *Global tuberculosis control: A short update to the 2009 report*. Geneva, World Health Organization, 2009 (WHO/HTM/TB/2009.426) ([www.who.int/tb/publications/global\\_report](http://www.who.int/tb/publications/global_report)). WHO regional, income group and global figures exclude territories and may differ from those in the publication.
- <sup>j</sup> Number of cases reported up to 05 July 2009.
- <sup>k</sup> Number of cases reported up to 05 October 2009.
- <sup>l</sup> Number of cases reported up to 26 July 2009.
- <sup>m</sup> Number of cases reported up to 09 November 2009.
- <sup>n</sup> Data represent only 15 northern states of Sudan.

**Table 4 Health service coverage**

- <sup>a</sup> *UNICEF global database on maternal health*. New York, UNICEF, 2010 ([www.childinfo.org/antenatal\\_care\\_country.php](http://www.childinfo.org/antenatal_care_country.php) – January 2010 update).
- <sup>b</sup> *WHO global database on maternal health indicators, 2009 update*. Geneva, World Health Organization, 2009 ([www.who.int/reproductive-health/global\\_monitoring/index.html](http://www.who.int/reproductive-health/global_monitoring/index.html)). In order to enhance comparability over time, the reported figures are derived, to the extent possible, from broadly comparable data sources. Therefore, reported figures may not refer to the most recently available data. Refer to the source for more complete information on time trends and metadata.
- <sup>c</sup> Proportion of neonates protected at birth against neonatal tetanus through maternal immunization with tetanus toxoid, based on a mathematical model taking into account the mother's immunization in infancy, during pregnancy and in tetanus campaigns. The model is described in: Griffiths UK et al. Incremental cost-effectiveness of supplementary immunization activities to prevent neonatal tetanus in Pakistan. *Bulletin of the World Health Organization*, 2004, 82:643–651. *WHO/UNICEF estimates of national immunization coverage*. Geneva, World Health Organization, 2009 ([www.who.int/immunization\\_monitoring/routine/immunization\\_coverage/en/index4.html](http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html)).
- <sup>d</sup> Measles = measles-containing vaccine (MCV); DTP3 = 3 doses of diphtheria-tetanus-pertussis vaccine; HepB3 = 3 doses of hepatitis B vaccine; Hib3 = 3 doses of *Haemophilus influenzae* type B vaccine. *WHO/UNICEF estimates of national immunization coverage*. Geneva, World Health Organization, 2009 ([www.who.int/immunization\\_monitoring/routine/immunization\\_coverage/en/index4.html](http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html)). Estimates based on data available up to December 2009. For countries recommending the first dose of measles vaccine in children older than 12 months of age, the indicator is calculated as the proportion of children less than 24 months of age receiving one dose of measles-containing vaccine. Complete coverage estimates are available online.
- <sup>e</sup> Data compiled by WHO from Demographic and Health Surveys (DHS) and Multiple Indicator Cluster Surveys (MICS) January 2010 ([www.measuredhs.com](http://www.measuredhs.com); and [www.unicef.org/statistics/index\\_24302.html](http://www.unicef.org/statistics/index_24302.html)).
- <sup>f</sup> *World malaria report 2009*. Geneva, World Health Organization, 2009 ([www.who.int/malaria/world\\_malaria\\_report\\_2009/en/index.html](http://www.who.int/malaria/world_malaria_report_2009/en/index.html)). See Annex 6.
- <sup>g</sup> *World contraceptive use 2009*. New York, Population Division, Department of Economic and Social Affairs, United Nations Secretariat, 2009 (POP/DB/CP/Rev2009).
- <sup>h</sup> PMTCT = prevention of mother-to-child transmission. Point estimates are published only for countries with a generalized epidemic. Regional and level-of-income aggregates are based on data for all low-income and middle-income countries when available. *Towards universal access: scaling up priority HIV/AIDS interventions in the health sector: progress report, September 2009*. Geneva, World Health Organization, Joint United Nations Programme on HIV/AIDS, United Nations Children's Fund, 2009. See Annexes 3 and 4.
- <sup>i</sup> *Towards universal access: scaling up priority HIV/AIDS interventions in the health sector: progress report, 2008*. Geneva, World Health Organization, Joint United Nations Programme on HIV/AIDS, United Nations Children's Fund, 2008. WHO regional and global figures are updates for the year 2008. Income-group aggregates are based on the World Bank 2008 list of economies.
- <sup>j</sup> The case-detection rate is the number of new smear-positive cases reported to WHO divided by the estimated number of new smear-positive cases. *Global tuberculosis control: a short update to the 2009 report*. Geneva, World Health Organization, 2009 (WHO/HTM/TB/2009.426) ([www.who.int/tb/publications/global\\_report](http://www.who.int/tb/publications/global_report)). WHO region, income group and global aggregates include territories.
- <sup>k</sup> The treatment-success rate is the percentage of new smear-positive patients registered for treatment who were cured (with laboratory confirmation) or who completed their course of treatment. *Global tuberculosis control: a short update to the 2009 report*. Geneva, World Health Organization, 2009 (WHO/HTM/TB/2009.426) ([www.who.int/tb/publications/global\\_report](http://www.who.int/tb/publications/global_report)). WHO region, income group and global aggregates include territories.
- <sup>l</sup> Composition of methods might be slightly different based on country context.
- <sup>m</sup> Includes <5% of deliveries by cadres of health workers other than doctors, nurses and midwives.
- <sup>n</sup> Data pertain to sexually active women of reproductive age.
- <sup>o</sup> Institutional births.
- <sup>p</sup> Includes deliveries by cadres of health workers other than doctors, nurses and midwives – range not available.
- <sup>q</sup> Includes >15% of deliveries by cadres of health workers other than doctors, nurses and midwives.



<sup>r</sup> Includes 5–15% of deliveries by cadres of health workers other than doctors, nurses and midwives.

<sup>s</sup> Data pertain to men and women of reproductive age.

<sup>t</sup> 5 or more visits.

<sup>u</sup> Estimate.

<sup>v</sup> Adjusted.

<sup>w</sup> 3 or more visits.

<sup>x</sup> Data pertain to nationals of the country.

<sup>y</sup> Excluding the Northern Province.

<sup>z</sup> Based on the Sudan Household Health Survey in Northern Sudan only.

<sup>aa</sup> 6 or more visits.

<sup>ab</sup> Excluding Northern Ireland.

<sup>ac</sup> Data pertain to men and women of reproductive age who are married or in union.

## Table 5 Risk factors

<sup>a</sup> *WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation*. Geneva, World Health Organization and UNICEF, 2010 ([www.wssinfo.org/en/welcome.html](http://www.wssinfo.org/en/welcome.html)).

<sup>b</sup> *WHO household energy database*. Geneva, World Health Organization, 2010 ([www.who.int/indoorair/database](http://www.who.int/indoorair/database)). These estimates use methods developed and implemented by the *WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation*. Where solid fuel use information is available for two or more separate years (spaced at least five years apart) linear regression is performed. The linear regression line is extrapolated up to two years after the latest survey point and up to two years before the earliest survey point. Outside these time limits, the extrapolated regression line is flat for four years in either direction. Where coverage reaches 0% or 100%, a horizontal line is drawn from the year before coverage reaches 0% or 100%. For countries with solid fuel use at less than <5%, 0% is assumed for the calculation of regional or global aggregates; for countries with >95%, 95% is assumed in the calculation of the aggregate.

<sup>c</sup> *UNICEF global database on low birthweight*. New York, UNICEF, 2009 ([www.childinfo.org/low\\_birthweight\\_table.php](http://www.childinfo.org/low_birthweight_table.php) – November 2009 update).

<sup>d</sup> *WHO global data bank on infant and young child feeding*. Geneva, World Health Organization, 2009 ([www.who.int/nutrition/databases/infantfeeding/en/index.html](http://www.who.int/nutrition/databases/infantfeeding/en/index.html)).

<sup>e</sup> *Global database on child growth and malnutrition*. Geneva, World Health Organization, 2009 ([www.who.int/nutgrowthdb/database/en](http://www.who.int/nutgrowthdb/database/en)). Prevalence estimates are based on WHO standards.

<sup>f</sup> Comparisons between countries may be limited owing to differences in sample characteristics or survey years. Source: *Global database on body mass index (BMI)*. Geneva, World Health Organization, 2010 ([www.who.int/bmi](http://www.who.int/bmi)).

<sup>g</sup> *Global information system on alcohol and health*. Geneva, World Health Organization, 2010 ([www.who.int/globalatlas/DataQuery/default.asp](http://www.who.int/globalatlas/DataQuery/default.asp)).

<sup>h</sup> Based on *WHO report on the global tobacco epidemic, 2009: Implementing smoke-free environments*. Geneva, World Health Organization, 2009. See Appendix VII, Age-standardized prevalence estimates for WHO Member States, 2006. Definition: smoking at the time of the survey of any form of tobacco, including cigarettes, cigars, pipes, bidis, etc. and excluding smokeless tobacco. These figures represent age-standardized prevalence rates for smoking tobacco and should only be used to draw comparisons of prevalence between countries and between men and women within a country. They should not be used to calculate the number of smokers in a country, region, income group or globally.

<sup>i</sup> *WHO/CDC global youth tobacco survey (GYTS)*. Geneva, World Health Organization, 2010 ([www.cdc.gov/tobacco/global/GYTS/results.htm](http://www.cdc.gov/tobacco/global/GYTS/results.htm)). Data relate to tobacco use in any form in the past 30 days.

<sup>j</sup> Percentage of women and men aged 15–49 years who had more than one sexual partner in the past 12 months reporting the use of a condom during their last sexual intercourse. Data is from Demographic and Health Surveys (DHS) and excludes country-reported data. *2008 report on the global AIDS epidemic*. Geneva, Joint United Nations Programme on HIV/AIDS, World Health Organization, 2008. See Annex 2: Country Progress Indicators.

- <sup>k</sup> Percentage of young men and women (aged 15–24 years) who both correctly identified ways of preventing the sexual transmission of HIV and who reject major misconceptions about HIV transmission. The data are derived from Demographic and Health Surveys (DHS) and Multiple Indicator Cluster Surveys (MICS) and exclude country-reported data. *2008 report on the global AIDS epidemic*. Geneva, Joint United Nations Programme on HIV/AIDS, World Health Organization, 2008. See Annex 2: Country Progress Indicators.
- <sup>l</sup> Solid fuel use information is available for a single year; thus a horizontal line is drawn six years into the past and six years into the future.
- <sup>m</sup> City surveys were extrapolated into country figures reported here.
- <sup>n</sup> For those upper-middle or high-income countries with a GDP of more than US\$ 10 500 per capita in any given year, solid fuel use is assumed to be less than 5% (Rehfuess, Mehta & Prüss-Üstün 2006).
- <sup>o</sup> Estimate includes significant tourist consumption.
- <sup>p</sup> Lower limit is greater than 15.
- <sup>q</sup> Upper limit is 49.
- <sup>r</sup> Upper limit is greater than or equal to 65.
- <sup>s</sup> Self-reported data.
- <sup>t</sup> Solid fuel use information is available for two or more separate years spaced four or fewer years apart; thus an average is calculated. This average is extrapolated six years into the past and six years into the future.
- <sup>u</sup> Data not approved by national authorities.
- <sup>v</sup> Upper limit is between 54 and 65.
- <sup>w</sup> A horizontal line at 95% coverage or above, or at 5% coverage or below, can be extrapolated without limitations up to the years 1990 and 2015 respectively.
- <sup>x</sup> Upper limit is 44.

## Table 6 Health workforce, infrastructure and essential medicines

- <sup>a</sup> Source: *WHO global atlas of the health workforce*. Geneva, World Health Organization, 2009 ([www.who.int/globalatlas/autologin/hrh\\_login.asp](http://www.who.int/globalatlas/autologin/hrh_login.asp)). Please see this source for the latest updates, time-trend statistics and disaggregated data, as well as metadata descriptors. In general, the denominator data for health workforce density (i.e. national population estimates) were obtained from the *World population prospects* database of the United Nations Population Division (see Table 9 footnotes below). In some cases, official reports provided only workforce density indicators, from which estimates of the absolute numbers were calculated. Depending on the organization of national health systems and means of monitoring, data may not be exactly comparable across countries. Data from the years prior to 2000 were excluded from this edition.
- <sup>b</sup> Sources: *PAHO basic indicators 2009*. Washington, DC, Pan American Health Organization, 2009 ([www.paho.org/English/SHA/coredata/tabulator/newTabulator.htm](http://www.paho.org/English/SHA/coredata/tabulator/newTabulator.htm)); *European health for all database* (HFA-DB). Copenhagen, WHO Regional Office for Europe, 2009 (<http://data.euro.who.int/hfadb>). *Country health information profiles* (CHIPS). Manila, WHO Regional Office for the Western Pacific, 2009 ([www.wpro.who.int/countries/countries.htm](http://www.wpro.who.int/countries/countries.htm)). *Core health indicators and MDGs*. New Delhi, WHO Regional Office for South-East Asia, 2008 (<http://203.90.70.117/esidas/CoreHealthData.asp>). Additional data compiled by the WHO Regional Office for Africa and WHO Regional Office for the Eastern Mediterranean.
- <sup>c</sup> Source: *Surveys of medicine prices and availability using WHO/HAI standard methodology conducted between 2001 and 2008* ([www.haiweb.org/medicineprices/](http://www.haiweb.org/medicineprices/)). In individual surveys, availability is reported as the percentage of medicine outlets in which a medicine was found on the day of data collection. As baskets of medicines differ by individual country, results are not exactly comparable across countries. Median availability is determined for the specific list of medicines in each survey, and does not account for alternate dosage forms or strengths of these products or therapeutic alternatives. Public-sector data may be limited by the fact that the list of survey medicines may not correspond to national essential medicines lists (EMLs) where these exist, and some public-sector facilities may not be expected to stock all of the survey medicines. This has been addressed in the revised edition of the survey tool, which allows public-sector data to be analysed by EML status and level of care.
- <sup>d</sup> Consumer price ratio = ratio of median local unit price to the Management Sciences for Health (MSH) international reference price of selected generic medicines. Source: *Surveys of medicine prices and availability using WHO/HAI standard*

methodology conducted between 2001 and 2008 ([www.haiweb.org/medicineprices/](http://www.haiweb.org/medicineprices/)). Data are unadjusted for differences in the MSH reference price year used, exchange rate fluctuations, national inflation rates, variations in purchasing power parities, levels of development or other factors. In each survey, median consumer price ratios are obtained for the basket of medicines surveyed and found in at least four medicine outlets. As baskets of medicines differ by individual country, results are not exactly comparable across countries. However, data on specific medicines is publicly available on the HAI web site above, and matched basket comparisons on a subset of medicines can be made.

- <sup>e</sup> Hospital beds include inpatient and maternity beds, but not cots and delivery beds.
- <sup>f</sup> Did not survey public-sector medicine outlets.
- <sup>g</sup> Availability data were excluded as they were assessed using different methods to those used in the current WHO/HAI methodology.
- <sup>h</sup> Refers to the public sector only.
- <sup>i</sup> Simple average of two surveys of medicine prices and availability in Shandong and Shanghai provinces, China.
- <sup>j</sup> Restricted to reimbursed medicines available through public-sector outlets.
- <sup>k</sup> Medicines are provided free to patients in the public sector.
- <sup>l</sup> Simple average of seven surveys of medicine prices and availability in India (Chennai, Haryana, Karnataka, Maharashtra (12 districts); Maharashtra (4 regions); Rajasthan; and West Bengal).
- <sup>m</sup> Refers to tertiary public-hospital beds only.
- <sup>n</sup> Based on a survey of medicine prices and availability in Gauteng province, South Africa.
- <sup>o</sup> Simple average of four surveys of medicine prices and availability in Sudan (Gadarif; Khartoum; North Kordofan; and Northern states).

## Table 7 Health expenditure

- <sup>a</sup> Source: WHO National Health Accounts (NHA) *Country health expenditure* database. Geneva, World Health Organization, February 2010 ([www.who.int/nha/country/](http://www.who.int/nha/country/)). The regional, income and global figures are calculated using Purchasing Power Parity (PPP) terms. When the number is smaller than 0.05% the percentage may appear as zero. For per capita expenditure indicators, this is represented as <1. In countries where the fiscal year begins in July, expenditure data have been allocated to the later calendar year (for example, 2008 data will cover the fiscal year 2007–08). Absolute values of expenditures are expressed in nominal terms (current prices). National currency unit per US\$ are calculated using the average exchange rates for the year. For 2008, the use of yearly average exchange rates (compared to year-end exchange rates) may not fully represent the impact of the global financial crisis. GDP = gross domestic product.
- <sup>b</sup> In some cases the sum of general government and private expenditures on health may not add up to 100% because of rounding.
- <sup>c</sup> A new PPP series resulting from the 2005 *International Comparison Project* (ICP) estimated by the World Bank has been used since *World health statistics 2008*. In countries where this is not available, PPPs are estimated by WHO.
- <sup>d</sup> A new basis for these estimates was provided by new NHA reports, surveys, National Accounts series, accessed information and/or country consultations.
- <sup>e</sup> Non-profit institutions (such as nongovernmental organizations) serving households are accounted for in “external assistance” and recorded under government expenditure.
- <sup>f</sup> GDP includes both licit and illicit GDPs (for example, opium). Government expenditures include external assistance (external budget).
- <sup>g</sup> Estimates should be viewed with caution as these are derived from scarce data.
- <sup>h</sup> About 30% of the expenditure in residential facilities for care of the aged has a health purpose, but this is difficult to estimate routinely and so is not included under health at present. Such health-purpose expenditure was about US\$ 2.1 billion in 2005–06 or 0.2% of GDP. The data for 2007 correspond to the fiscal year 2007–08 starting on 01 July 2007. All 2008 entries are estimates made by WHO unless otherwise specified.
- <sup>i</sup> Adjustments for currency change (from old to new manat) were made for the entire Azerbaijan series starting from *World health statistics 2008*.

- <sup>j</sup> Fiscal year starts in July and expenditure data have been allocated to the later calendar year (i.e. 2007 data cover the fiscal year 2006–07).
- <sup>k</sup> Funds previously included in social security were reclassified.
- <sup>l</sup> A recent census in the country has shown differences in population data. However, the per capita levels used here are estimated based on United Nations Population Division data.
- <sup>m</sup> Increases in government expenditure on health are due to investment in capital expenditures.
- <sup>n</sup> As a result of recent health-care reforms in Georgia, public compulsory insurance has since 2008 been implemented by private insurance companies. The voucher cost of this insurance is treated as general government health expenditure.
- <sup>o</sup> Government expenditures show fluctuations due to variations in capital investment. Private-sector fluctuations are due to the large share of nongovernmental organizations, which are linked to external funding.
- <sup>p</sup> Exchange rate changed in 2002 from multiple to a managed floating exchange rate. Inter-bank market rate used prior to 2002.
- <sup>q</sup> The estimates do not include expenditures for Northern Iraq.
- <sup>r</sup> The public expenditure on health includes contributions from the United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) made to refugees from West Bank and Gaza Strip residing in Jordanian territories.
- <sup>s</sup> Government expenditures in 2002 show a large increase due to capital investment.
- <sup>t</sup> Revision of the General Government Expenditure series can explain changes in public expenditure ratios.
- <sup>u</sup> After the declaration of independence on 03 June 2006, Serbia and Montenegro are now separate states. Health expenditures for the previous years have been estimated separately for each of the two countries.
- <sup>v</sup> The market exchange rate is used to estimate the per capita figures.
- <sup>w</sup> Total level of government expenditure on health increased due to the inclusion of local government expenditure, as well as a more-comprehensive estimation of regional expenditure on health.
- <sup>x</sup> The health expenditure data as well as the population data after 2000 do not include Transdniestria. Data on GDP and private final consumption expenditure exclude Transdniestria from 1995.
- <sup>y</sup> The estimates do not include the expenditures of the provinces of Kosovo and Metohia, which are under the administration of the United Nations.
- <sup>z</sup> The exchange rate used for the Syrian Arab Republic is the rate for non-commercial transactions from the Central Bank of Syria.
- <sup>aa</sup> GDP does not include the income from petroleum.
- <sup>ab</sup> The country became independent in 2002. However, NHA estimates have been produced for previous years based on the available macro data.
- <sup>ac</sup> Until 2007 the fiscal year ended in June. There was then a transition period in the second quarter of 2007 to make the fiscal year equal to the calendar year. Expenditure data have been allocated exceptionally to the previous calendar year (i.e. 2005 data cover the fiscal year 2005–06).
- <sup>ad</sup> On 01 January 2009 Turkmenistan introduced the new manat ISO code TMT. The exchange rate between the old and the new currency is 1 TMT = 5000 TMM. The entire health expenditure series has been adjusted.

### Table 8 Health inequities

- <sup>a</sup> Sources: Unless otherwise stated, data are derived from Demographic and Health Surveys (DHS) conducted since 2000. The DHS figures were extracted using STATcompiler software ([www.measuredhs.com/](http://www.measuredhs.com/) – accessed 08 January 2010). When not available using STATcompiler software, figures were extracted directly from DHS reports. For some countries and some of the indicators there were differences in the figures extracted from the country reports and STATcompiler. In these cases, following discussions with staff from the MEASURE DHS implementation group (ICF Macro), data from the country reports were used. Further information regarding the source of individual country data can be obtained on request from WHO. Figures in the “difference” columns may be affected by rounding.

- <sup>b</sup> Data derived from DHS relate to births occurring in the five years preceding the survey, unless otherwise stated. Data derived from MICS relate to births occurring in the two years preceding the survey.
- <sup>c</sup> The data refer to coverage of measles or MMR (measles, mumps, rubella) vaccine at 12, 15, 18, 24 or 30 months depending on the country.
- <sup>d</sup> For all countries where the source is DHS, the under-five mortality rate relates to the decade preceding the survey, except for Turkey where it relates to the five-year period preceding the survey.
- <sup>e</sup> Lowest educational level achieved by mother is “no education”; highest level is “secondary or higher”.
- <sup>f</sup> Data are derived from MICS (round 3). All MICS figures were extracted from country reports available on the UNICEF web site ([www.childinfo.org/](http://www.childinfo.org/) – accessed 13 February 2009; updated 08 January 2010).
- <sup>g</sup> The figures in parentheses are based on small numbers of cases (25–49 unweighted cases).
- <sup>h</sup> The figures were extracted directly from DHS reports as they were not available through STATcompiler software ([www.measuredhs.com/](http://www.measuredhs.com/) – accessed 08 January 2010).
- <sup>i</sup> Data for “births attended by skilled health personnel” relate to births occurring in the three years preceding the survey.

### Table 9 Demographic and socioeconomic statistics

- <sup>a</sup> *World population prospects: the 2008 revision*. New York, Population Division, Department of Economic and Social Affairs, United Nations Secretariat, 2009.
- <sup>b</sup> *United Nations demographic yearbook 2007*. New York, United Nations Statistics Division, 2009 (<http://unstats.un.org/unsd/Demographic/Products/dyb/dyb2007.htm>).
- <sup>c</sup> *WHO mortality database: tables*. Geneva, World Health Organization, 2009 ([www.who.int/healthinfo/morttables](http://www.who.int/healthinfo/morttables)).
- <sup>d</sup> *World fertility data 2008*. New York, Department of Economic and Social Affairs, Population Division, United Nations Secretariat, 2009 (POP/DB/Fert/Rev.2008).
- <sup>e</sup> *UNESCO Institute for Statistics data centre*. Montreal, UNESCO Institute for Statistics, 2007 (<http://stats.uis.unesco.org> – accessed 18 December 2009).
- <sup>f</sup> PPP int. \$ = Purchasing Power Parity at international dollar rate. *World development indicators database, 2009*. Washington, DC, World Bank, 2009 ([www.worldbank.org/data](http://www.worldbank.org/data)).
- <sup>g</sup> *World development indicators database, 2009*. Washington, DC, World Bank, 2009 ([www.worldbank.org/data](http://www.worldbank.org/data)). These figures reflect the World Bank default poverty line.
- <sup>h</sup> The standard definition includes the percentage of children less than 5 years of age who were registered at the moment of the survey. The numerator of this indicator includes children whose birth certificate was seen by the interviewer, or whose mother or carer says the birth has been registered. *The state of the world's children 2009: Maternal and newborn health*. New York, United Nations Children's Fund, 2009.
- <sup>i</sup> *International data base (IDB)*. Washington, DC, US Census Bureau, 2009 ([www.census.gov/ipc/www/idb](http://www.census.gov/ipc/www/idb) – accessed 12 January 2010).
- <sup>j</sup> The number of women by age were estimated by the United Nations Population Division and published in the *World population prospects revision 2006*.
- <sup>k</sup> Differs from the standard definition.
- <sup>l</sup> For statistical purposes, the data for China do not include Hong Kong and Macao Special Administrative Regions of China.
- <sup>m</sup> Data pertain to nationals of the country.
- <sup>n</sup> Data pertain to Saudi women only.

**WHO regions<sup>2</sup>**

**WHO African Region:** 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.

**WHO Region of the Americas:** Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia (Plurinational State of), Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, 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, United States of America, Uruguay, Venezuela (Bolivarian Republic of).

**WHO South-East Asia Region:** Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, Thailand, Timor-Leste\*.

**WHO European Region:** Albania, Andorra\*, Armenia\*, Austria, Azerbaijan\*, Belarus, Belgium, Bosnia and Herzegovina\*, Bulgaria, Croatia\*, Cyprus, Czech Republic\*, Denmark, Estonia\*, Finland, France, Georgia\*, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan\*, Kyrgyzstan\*, Latvia\*, Lithuania\*, Luxembourg, Malta, Monaco, Montenegro\*, Netherlands, Norway, Poland, Portugal, Republic of Moldova\*, Romania, Russian Federation, San Marino, Serbia\*, Slovakia\*, Slovenia\*, Spain, Sweden, Switzerland, Tajikistan\*, The former Yugoslav Republic of Macedonia\*, Turkey, Turkmenistan\*, Ukraine, United Kingdom, Uzbekistan\*.

**WHO Eastern Mediterranean Region:** Afghanistan, Bahrain, Djibouti, Egypt, Iran (Islamic Republic of), Iraq, Jordan, Kuwait, Lebanon, Libyan Arab Jamahiriya, Morocco, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates, Yemen.

**WHO Western Pacific Region:** Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Marshall Islands\*, Micronesia (Federated States of)\*, Mongolia, Nauru\*, New Zealand, Niue\*, Palau\*, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Tonga, Tuvalu\*, Vanuatu, Viet Nam.

**Income groups<sup>3</sup>**

**Low income:** Afghanistan, Bangladesh, Benin, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic People's Republic of Korea, Democratic Republic of the Congo, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Guinea-Bissau, Haiti, Kenya, Kyrgyzstan, Lao People's Democratic Republic, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Myanmar, Nepal, Niger, Rwanda, Senegal, Sierra Leone, Somalia, Tajikistan, Togo, Uganda, United Republic of Tanzania, Uzbekistan, Viet Nam, Yemen, Zambia, Zimbabwe.

**Lower middle income:** Albania, Angola, Armenia, Azerbaijan, Belize, Bhutan, Bolivia (Plurinational State of), Cameroon, Cape Verde, China, Congo, Côte d'Ivoire, Djibouti, Ecuador, Egypt, El Salvador, Georgia, Guatemala, Guyana, Honduras, India, Indonesia, Iran (Islamic Republic of), Iraq, Jordan, Kiribati, Lesotho, Maldives, Marshall Islands, Micronesia (Federated States of), Mongolia, Morocco, Nicaragua, Nigeria, Pakistan, Papua New Guinea, Paraguay, Philippines, Republic of Moldova, Samoa, Sao Tome and Principe, Solomon Islands, Sri Lanka, Sudan, Swaziland, Syrian Arab Republic, Thailand, Timor-Leste, Tonga, Tunisia, Turkmenistan, Tuvalu\*\*, Ukraine, Vanuatu.

<sup>2</sup> Member States indicated with an \* may have data for periods prior to their official membership of WHO.

<sup>3</sup> *World Bank list of economies (July 2009)*. Washington, DC, World Bank, July 2009: <http://siteresources.worldbank.org/DATASTATISTICS/Resources/CLASS.XLS>  
Member States marked with an \*\* have been classified into income groups using gross domestic product.

**Upper middle income:** Algeria, Argentina, Belarus, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Chile, Colombia, Cook Islands\*\*, Costa Rica, Cuba, Dominica, Dominican Republic, Fiji, Gabon, Grenada, Jamaica, Kazakhstan, Latvia, Lebanon, Libyan Arab Jamahiriya, Lithuania, Malaysia, Mauritius, Mexico, Montenegro, Namibia, Nauru\*\*, Niue\*\*, Palau, Panama, Peru, Poland, Romania, Russian Federation, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Serbia, Seychelles, South Africa, Suriname, The former Yugoslav Republic of Macedonia, Turkey, Uruguay, Venezuela (Bolivarian Republic of).

**High income:** Andorra, Antigua and Barbuda, Australia, Austria, Bahamas, Bahrain, Barbados, Belgium, Brunei Darussalam, Canada, Croatia, Cyprus, Czech Republic, Denmark, Equatorial Guinea, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Kuwait, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Oman, Portugal, Qatar, Republic of Korea, San Marino, Saudi Arabia, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Trinidad and Tobago, United Arab Emirates, United Kingdom, United States of America.