
Core Health Indicators in the WHO European Region

2012



World Health
Organization

REGIONAL OFFICE FOR Europe

Preface

Health information is an essential input for monitoring the health situation in populations and for supporting policy making. When I took office, I pledged to make evidence the cornerstone for public health policy and created a new division for health information, evidence and research in the WHO Regional Office for Europe. This publication from this division is one of many results of my commitment to Member States. It presents a set of internationally comparable core health indicators that are commonly used to monitor and assess health in a country. These data are also helpful to identify health needs and priorities and set up policies and programmes to improve health.

The Core Health Indicators 2012 represents a summary of key health and health systems data annually collected by the Member States in cooperation with the WHO Regional Office for Europe for the Health for All databases. The continuous effort towards the production of reliable and accessible evidence is allowing our Regional Office to fulfil its monitoring mandate and to put into effect its strategic vision for the role of health systems, as they are laid out in the new WHO Health 2020 policy.

Our data collection system goes beyond the compilation of data on the health status of the population in the Member States and, increasingly, aims to inform decision makers and the broad public on those factors which

lead to improved health and well-being. Accordingly, this publication groups the core health indicators into the following health domains: demographic and socioeconomic context, leading causes of mortality and morbidity, health systems resources, coverage and utilization, behaviours, lifestyles and the environment. The cross-reference with the Millennium Development Goals (MDGs) is a *leitmotif* of this succinct list of indicators.

Additionally, the distribution and trends of mortality by broad groups of causes of death are highlighted as a special topic for analysis with additional thematic maps and graphs.

The sources primarily include data collected with great care by national health authorities, the Regional Office technical units, WHO Headquarters and various international agencies.

I am delighted to present this publication to you and believe that all the stakeholders will benefit from the information contained therein. I also take this opportunity to express our gratitude to the networks and staff of national health information and statistics institutions who lend the WHO Regional Office for Europe their continuous support.

Zsuzsanna Jakab
Regional Director
WHO Regional Office for Europe

Demographic and socioeconomic context

	1	2	3	4	5	6	7	8	9	10
	MDG 3									
	Mid-year population (thousands)	Population aged ≥ 65 years (% of total)	Total fertility rate	Natural population growth per 1000	Urban population (%)	Crude death rate per 1000 population	Unemployment rate (%)	Real GDP, PPP\$ per capita	Annual growth rate of GDP (%)	Gender Parity Index in tertiary level enrolment
Country	2010	2009	2010	2009	2010	2009	2010	2009	2010	2010
Albania	3204	8.2 d	1.6 b	8.1 d	52	5.7 d	13.8 d	8716	3.5	
Andorra	85		1.2		88					
Armenia	3256	10.3	1.6	5.2	64	8.5	6.9	5279	2.1	1.3
Austria	8388	17.7 a	1.4	0.2 a	68	9.2 a	4.4	38 818	2.3	1.2 b
Azerbaijan	9054	7.0 d	2.3	11.8 d	52	5.9 d	0.9	9638	5.0	0.9
Belarus	9491	14.0	1.5	-2.7	75	14.0	0.7	13 040	7.7	1.4
Belgium	10 712	17.1 d	1.9 c	2.0 d	97	9.5 d	11.3	36 313	2.2	1.3 b
Bosnia & Herzegovina	3760	14.0 a	1.3	7.6 d	49		27.2	8578	0.8	1.3
Bulgaria	7534	17.6 a	1.5	-4.6 a	71	14.6 a	6.9 d	13 870	0.4	1.3
Croatia	4418	17.3 a	1.5	-2.0 a	58	11.8 a	11.8	19 986	-1.2	1.3
Cyprus	805	13.1	1.5 b	5.5	70	6.5	5.3 b	30 848	1.1	0.9
Czech Republic	10 517	15.4 a	1.5	1.0 a	74	10.2 a	7.3	25 581	2.7	1.4 b
Denmark	5550	15.3 d	1.9	1.8 d	87	10.2 d	6.0	37 720	1.3	1.5 b
Estonia	1340	17.0 a	1.6	0.0 a	69	11.8 a	16.9	19 694	2.3	1.7 b
Finland	5363	17.3 a	1.9	1.9 a	85	9.5 a	8.4	35 265	3.7	1.2
France	62 787	16.6 c	1.9 d	4.2 c	85	8.6 c	8.0 d	33 674	1.7	1.3 b
Georgia	4469	13.8 a	1.8	3.8	53	10.6	13.8 d	4774	6.3	1.2 b
Germany	81 757	20.6 a	1.4	-2.2 a	74	10.5 a	8.6 d	36 338	3.7	
Greece	11 359	18.8	1.5 b	0.9	61	9.6	9.5 b	29 617	-3.5	
Hungary	10 000	16.5	1.3	-3.4	68	13.0	11.2	20 312	1.3	1.4 b
Iceland	318	11.8	2.2	9.5	93	6.3	7.6	36 796	-4.0	1.9 b
Ireland	4470	11.1	2.1	10.2	62	6.5	11.8 b	40 698	-0.4	1.2 b
Israel	7624	9.8	3.0	16.4	92	5.2	6.6	27 656	4.8	1.3 b
Italy	60 483	20.1 c	1.4 c	-0.2 c	68	9.7 c	8.4	32 430	1.8	
Kazakhstan	16 323	7.3	2.6	13.5	59	9.0	5.8	11 510	7.3	1.4
Kyrgyzstan	5448	5.4	3.1	16.8	35	6.9	2.6	2283	-1.4	1.3 b
Latvia	2239	17.3	1.2	-3.7	68	13.3	18.7	16 437	-0.3	1.8
Lithuania	3287	16.0	1.6	-1.6	67	12.6	17.8	17 308	1.3	1.5 b
Luxembourg	507	14.0	1.6	4.1	85	7.3	6.0 b	83 820	2.7	1.5
Malta	416	15.2	1.4	2.4 a	95	7.2 a	6.9	24 814	2.7	1.4
Monaco	35		1.8 d		100				-2.6 b	0
Montenegro	617	12.9	1.7	4.4	61	9.3	19.7	13 086	2.5	1.2
Netherlands	16 615	15.5	1.8	2.9 a	83	8.2 a	4.5	40 676	1.7	1.1 b
Norway	4889	15.0	2.0	4.1 a	79	8.5 a	3.7	56 214	0.7	1.6
Poland	38 277	13.5	1.4	0.9	61	10.1	12.2	18 905	3.9	1.4 b
Portugal	10 637	17.8	1.3 b	-0.5	61	9.9	10.8	24 920	1.4	1.2 b
Republic of Moldova	3562	10.1 a	1.3	-0.9 a	47	12.3 a	4.0	2854	7.1	1.4 b
Romania	21 431	14.9 a	1.3	-2.2 a	57	12.1 a	7.0	14 278	0.9	1.4
Russian Federation	142 958	13.1	1.3 d	-1.8	73	14.2	6.1 d	18 932	4.3	
San Marino	32	15.6 d	1.2 d	2.2 d	94	7.3 d	1.6 d			
Serbia	7291	17.1	1.4	-4.6	56	14.2	20.0	11 893	1.0	1.3
Slovakia	5431	12.2	1.4	1.5	55	9.8	14.4	22 882	4.2	1.6
Slovenia	2050	16.5	1.6	1.4	50	9.2	11.8	27 133	1.4	1.5 b
Spain	46 077	16.7	1.4 b	2.4	77	8.4	20.1	32 150	-0.1	1.2 b
Sweden	9378	18.3 a	2.0	2.7 a	85	9.7 a	8.4	37 377	6.2	1.5
Switzerland	7825	16.3 d	1.5	1.8 d	74	8.1 d	3.6 d	45 224	2.7	1.0
Tajikistan	6879	4.4 d	3.5 d	22.0 d	26	4.2 d		1972	6.5	0.4
TFYR of Macedonia*	2055	10.7 d	1.6	4.5 d	59	8.9 d	32.0	11 159	1.8	1.2
Turkey	73 723	5.9	2.1	12.3 c	70	6.0 c	11.9	13 668	9.2	
Turkmenistan	5042		2.6 d	14.8 d	50			7242	9.2	
Ukraine	45 690	15.5 a	1.5 b	-4.4 a	69	15.3 a	6.4 c	6318	4.1	1.3
United Kingdom	62 036	16.4	1.8 d	3.7	80	9.1	5.3 d	35 155	2.1	1.4 b
Uzbekistan	28 228	4.5 d	2.5 b	15.0 d	36	5.4 d		2875	8.5	0.7 b
WHO European Region	895 549	15.2 a	1.7	1.6 a	70	10.5 a	8.7	23 984		

* The former Yugoslav Republic of Macedonia.

Note: a=2010 b=2009 c=2008 d=2007 or earlier.

Health status: mortality and morbidity indicators

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
	LIFE EXPECTANCY		MDG 4		MDG 5	AGE-STANDARDIZED DEATH RATES (SDR) PER 100 000 POPULATION							MDG 6		CANCER INCIDENCE PER 100 000			
	Life expectancy at birth (years)		Infant mortality rate per 1000 live births	Child mortality before age 5 years per 1000 live births	Maternal mortality ratio per 100 000 live births	All cause mortality	Circulatory system	Malignant neoplasms	Diseases of the respiratory system	External causes of injury and poisoning	Infectious and parasitic diseases	Mental and behavioural disorders	Ill-defined** causes of death (%)	Newly diagnosed HIV cases per 100 000	TB incidence	All forms	Female breast	Cervix uteri
Country	Males	Females																
	2009	2009	2009	2009	2010	2009	2009	2009	2009	2009	2009	2009	2009	2010	2009	2009	2009	2009
Albania	73.7 d	78.9 d	7.8 d	12.4 d	5.9	810.2 d	417.7 d	114.9 d	42.3 d	41.9 d	4.3 d	25.8 d	11.8	1.4	13.5	110.1 a	20.8 a	5.9 a
Andorra	77.4 d	84.2 d			0.0									4.7	8.3			
Armenia	70.6	76.9	10.2	12.1	6.7	1045.1	532.2	189.9	73.4	39.4	9.2	5.2	2.9	4.5	43.3	233.2 a	58.6 a	16.6 a
Austria	78.0 a	83.7 a	3.9 a	4.7 a	1.3	547.8 a	206.6 a	155.5 a	27.7 a	37.3	5.1 a	24.5 a	2.5		4.3	442.9	115.5	9.2
Azerbaijan	71.3 d	76.3 d	9.8 d	14.5 d	15.7	940.4 d	551.6 d	87.4 d	55.9 d	28.6 d	5.6 d	24.2 d	8.3	5.1	70.6	84.2 a	26.5 a	6.5 a
Belarus	64.8	76.6	4.7	6.3	0.9	1160.8	601.1	162.9	36.0	133.6	11.5	19.6	11.4	11.2	52.7	442.9 a	74.7 a	18.0 a
Belgium	76.9 d	82.5 d	4.1 d	4.9 d	8.2 d	600.8 c	182.7 d	170.1 d	60.2 d	49.0 d	13.4 d	39.8 d	2.6	11.2	7.6	560.2 c	177.5 c	11.8 c
Bosnia & Herzegovina														0.2	35.1	206.5 a	44.0 a	17.3 a
Bulgaria	70.3 a	77.4 a	9.4 a	11.1 a	8.0	970.3 a	621.7 a	156.4 a	38.2 a	35.0 a	6.6 a	10.5 a	3.1	2.2	32.0	425.6 a	92.3 a	27.4 a
Croatia	73.6 a	80.0 a	4.4 a	5.3 a	9.2	789.6 a	370.8 a	210.8 a	27.9 a	52.7 a	5.3 a	27.6 a	1.0	1.5	15.6	478.6	104.3	16.1
Cyprus	78.9	83.9	3.3	4.5	10.9 c	78.9	524.7	191.6	121.4	38.9	34.4	19.2	6.2	5.1	34.4	318.2 d	110.8 d	7.0 d
Czech Republic	74.6 a	81.0 a	2.7 a	3.4 a	2.6	724.2 a	344.1 a	195.6 a	41.1 a	48.1 a	7.0 a	9.4	1.5	1.7	6.0	759.4 c	120.7 c	19.2 c
Denmark	76.2 d	80.8 d	3.4 d	4 d	6.3	682.1 d	193.5 d	207.9	60.6 d	39.0 d	9.6 d	51.0 d	4.5	5.0	5.6	646.6	207.6	14.2
Estonia	70.7 a	80.8 a	3.3 a	4.8 a	6.3	799.7 a	408.3 a	185.3 a	21.8 a	76.3 a	7.6 a	21.7	2.0	27.8	21.1	506.2 d	92.0 d	25.8 d
Finland	77.0 a	83.7 a	2.3 a	2.9 a	4.9	573.8 a	213.6 a	138.6 a	21.3 a	60.5 a	4.7 a	75.4 a	0.5	3.5	5.8	534.0	164.5	5.6
France	77.9 c	84.8 c	3.5 c	4.3 c	6.5 c	522.5 c	126.1 c	168.2 c	27.7 c	44.4 c	10.3 c	42.2 c	6.9		4.4			
Georgia	69.3	78.0	14.9	16.9	19.2	894.4	476.0	102.8	14.8	35.7	7.0	7.7	20.9	10.2	104.6	125.9 a	45.1 a	11.1 a
Germany	78.1 a	83.1 a	3.4 a	4.1 a	5.5	565.6 a	208.7 a	158.6 a	37.0 a	28.5 a	10.1 a	30.7 a	2.7	3.6	4.3	518.2 d	137.9 d	13 d
Greece	77.9	82.8	3.2	3.9	3.4 b	577.2	244.6	153.5	53.7	29.9	6.3	9.0	7.5	4.7	3.1			
Hungary	70.3	78.5	5.1	6.0	15.5	914.9	421.2	243.2	44.3	59.0	3.8	29.6	0.1	1.8	15.4	816.5 a	125.9 a	17.8 a
Iceland	79.9	83.9	1.8	2.2	0.0 b	507.4	172.8	155.9	42.4	34.7	2.8	51.7	0.8	7.5	6.9	440.3 c	131.9 c	9.6 c
Ireland	77.4	82.5	3.2	4.2	4.1	591.1	191.6	182.0	71.1	41.1	5.2	31.1	0.3	7.4	7.1	697.7 a	116.3 a	13.3 a
Israel	80.1	83.9	3.8	4.7	6.0	496.6	121.3	139.9	36.1	26.0	18.3	26.0	4.8	5.6	4.5	362.1	117.5	7.3
Italy	79.1 c	84.5 c	3.5 c	4.2 c	2.1 c	502.9 c	173.8 c	161.2 c	28.6 c	27.4 c	8.2 c	27.6 c	1.6	4.8	2.8	421.6 a	123.0 a	
Kazakhstan	63.7	73.6	18.2	21.8	22.8	1239.6	626.4	156.6	64.6	114.6	19.4	13.5	9.0	12.2	120.7	181.2 a	39.7 a	16.2 a
Kyrgyzstan	64.8	73.0	27.5	32.4	50.6	1202.5	692.7	119.6	97.1	80.9	21.8	14.2	1.4	10.3	103.8	83.1 a	19.2 a	14.7 a
Latvia	68.1	78.1	7.8	9.3	26.1	951.8	479.5	193.6	22.7	86.7	11.8	17.6	6.8	12.2	40.8	473.4 a	87.0 a	20.9 a
Lithuania	67.6	78.8	4.9	6.0	5.6	963.2	496.8	190.5	35.6	115.8	11.9	14.9	1.3	4.7	53.2	477.7 a	79.5 a	26.3 a
Luxembourg	78.2	83.7	2.7	3.0	17.0	544.8	186.2	165.8	44.3	47.6	15.8	20.2	2.8	8.7	4.7	437.1 c	139.2 c	8.5 c
Malta	79.3 a	83.6 a	5.5 a	6.5 a	0.0	516.6	189.3 a	151.7 a	47.1 a	24.9 a	0.9 a	32.6	1.1	4.1	4.8	452.4 a	154.0 a	7.2 a
Monaco															2.9			
Montenegro	73.3	78.0	5.8	6.2	12.8 d	846.2	461.6	128.7	38.7	35.2	0.9	8.0	14.2	2.3	17.8			
Netherlands	79.1 a	83.1 a	3.8 a	4.5 a	2.2	543.2 a	146.7 a	182.8 a	48.1 a	26.3 a	8.3 a	44.4 a	3.8	6.0	6.2	619.6	178.8	8.4 c
Norway	79.1 a	83.5 a	2.6 a	3.1 a	4.9	531.2 a	151.8 a	159.2 a	45.3 a	40.0 a	10.9 a	43.3 a	5.3	5.3	5.6	569.9	113.5	12.2
Poland	71.6	80.2	5.6	6.4	1.9 b	809.7	356.3	201.8	41.9	57.6	6.3	15.2	6.2	2.4	18.3	343.9 c	74.0 c	16.6 c
Portugal	76.5	82.6	3.7	4.5	7.0 b	611.9	177.6	156.2	63.7	33.0	17.1	17.8	9.4	8.9	23.4	365.1 d	91.8 d	11.3 d
Republic of Moldova	64.9 a	73.5 a	11.8 a	13.7 a	44.5	1288.1 a	731.1 a	165.3 a	71.8 a	103.1 a	18.8 a	20.7 a	0.6	19.7	115.7	220.4 a	44.3 a	15.5 a
Romania	70.2 a	77.6 a	9.8 a	11.7 a	24.0	948.0 a	539.8 a	180.1 a	49.0 a	53.3 a	10.4 a	10.8 a	0.8	0.7	85.8	275.5 a	53.1 a	28.9 a
Russian Federation	62.8	74.8	8.1	10.2	22.0	1241.6	683.0	182.1	49.7	147.2	22.5	14.3	4.6	43.8	83.0	333.7 d	65.8 d	17.4 d
San Marino	77.6 d	84.4 d	0.0 d	0.5 d	0.0 d	467.8 d	187.7 d	207.0 d	6.9 d	26.1 d	0.0	0.0 d	8.7	18.8	0			
Serbia	71.4	76.8	7.0	8.0	17.6	971.6	506.6	206.6	38.1	42.8	4.2	22.7	5.1	2.0	19.8	364.2	87.9	29.4
Slovakia	71.5	79.2	5.7	7.2	0.0	860.3	446.6	196.7	51.3	51.0	5.9	11.6	1.4	0.5	7.1	487.9 d	82.2 d	18.9 d
Slovenia	76.0	82.8	2.4	3.0	4.6	625.1	231.8	198.4	37.9	61.1	3.0	15.2	1.3	1.7	8.3	597.2 c	111.6 c	12.7 c
Spain	78.8	85.0	3.3	4.1	3.4	503.7	143.1	153.0	50.2	24.4	9.8	37.5	2.9	6.3	13.8			
Sweden	79.7 a	83.7 a	2.5 a	3.1 a	2.6	514.1 a	182.2 a	141.2 a	27.3 a	35.4 a	10.4 a	44.1 a	4.7	5.1	5.9	587.3	158.0	9.4
Switzerland	79.6 d	84.5 d	3.9 d	4.6 d	3.8 b	490.1 d	161.4 d	146.1 d	27.3 d	37.7 d	5.5	42.0 d	2.9	7.8	4.2	487.2 c	136 d	6.6 d
Tajikistan	71.2 d	76.3 d	14.1 d	16.6 d	46.5 b	940.5 d	560.6 d	72.8 d	78.8 d	32.9 d	28.7	11.4 d	3.8	14.6	91.5	36.6	7.0 d	6.0 d
MKD*	71.1 d	76.1 d	11.3 d	13.0 d	8.2	1033.7 d	599.1 d	165.1 d	41.6 d	32.9 d	8.0	9.8 d	7.7	0.2	18.6	256.5 d	65.8 d	21.4 d
Turkey	69.4 c	74.3 c	11.1		17.1									0.7	21.5	117.8 d	25.4 d	3.5 d
Turkmenistan					6.9									0.0	64.1	67.6 a	15.9 a	10.4 a
Ukraine	65.2 a	75.3 a	9.2 a	11.1 a	23.3	1171.1 a	732.7 a	158.2 a	33.5 a	88.4 a	30.4 a	15.8 a	2.9	36.4	74.1	332.2	61.7	19.3
United Kingdom	78.4	82.6	4.7	5.4	9.4 b	562.6	169.2	172.5	69.6	27.5	7.0	38.0	1.9	10.7	11.3	519.1	154.2	10.8
Uzbekistan	68.2	73.0 d	15.0 d	20.8 d	21.4	1149.2 d	754.2 d	77.4 d	66.4 d	48.7 d	21.3	14.3 d	2.7	13.4	59.8	67.7 a	16.0 a	8.7 a
WHO European Region	72.6 a	79.9 a	7.3 a	9.2 a	13.3	812.6 a	385.2 a	165.2 a	45.7 a	62.8 a	13.5 a	25.3 a			34.6	379.4		

* The former Yugoslav Republic of Macedonia.

** See technical notes for more information. Note: a=2010 b=2009 c=2008 d=2007 or earlier.

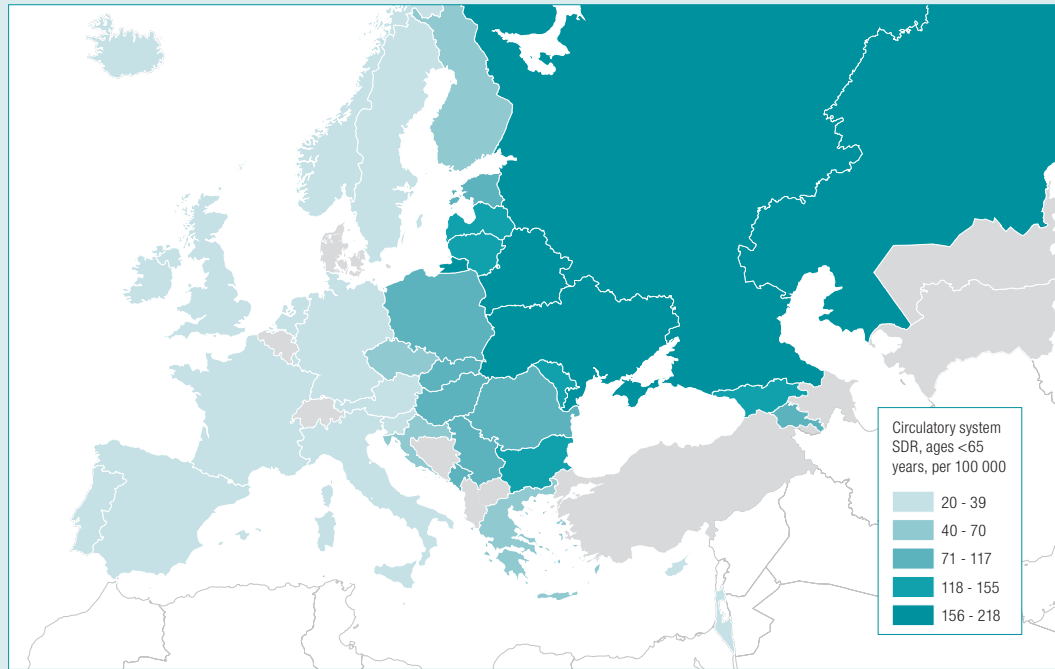
Health system coverage and utilization

	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
	AS % OF TOTAL HEALTH EXPENDITURE																	MDG 4		MDG 6
	Total health expenditure as % of GDP	Government expenditure on health as % of total government expenditure	Public sector health expenditure	Private households' out of pocket expenditure	Total inpatient expenditure	Total pharmaceutical expenditure	Hospitals per 100 000 population	Acute hospitals per 100 000 population	Psychiatric hospital beds per 100 000	Nursing and elderly home beds per 100 000	Physicians per 100 000	General practitioners per 100 000 population	Nurses per 100 000 population	Ratio of nurses to physicians	Outpatient contacts per person per year	In-patient care discharges per 100 population	Abortions per 1000 live births	Children immunized (%) against		MDR-TB treatment success rate (%)
																		DTP	Measles	
Country	2010	2009	2009	2010	2010	2009	2010	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Albania	6.5	8.4	40.9	60.8	49.0	28.0 d	1.4		21.6	7.8 d	113.6	50.2	388.7 b	3.4	2.0	8.1	204.4	99	99	
Andorra	7.5	21.3	68.1	22.3			2.4	1.2	14.2 b	227.8 b	315.6 b	48.6	353.6 b	1.1				99	99	
Armenia	4.4	6.6	43.5	55.1			4.0	3.5	44.9	33.5	268.7	66.1	463.0	1.7	3.4	10.0	274.3	94	97	54.5
Austria	11.0	15.8	74.5	14.6	30.3	12.5 c	3.2	1.6	78.3	677.8 b	478.1	157.6	783.3	1.6	6.9	27.9 b		83 b	76 b	6.7
Azerbaijan	5.9	3.7	23.6	69.5	74.0 b	26.2 a	5.7	8.0	38.2	17.9	365.4	30.2	733.4	2.0	4.3	5.7	161.8	93	98	56.5
Belarus	5.6	8.8	70.6	19.8	44.0	16.0 a	7.0		69.6	187.7	510.8 b	56.0	1057.6	2.1	13.4	30.9	307.8	98	99	
Belgium	10.7	14.8	68.4	20.2	27.3	16.4 a	1.8	1.2 a	180.1	1227.9	297.0	114.2	1584.9	5.3	6.7	16.7 c	148.2 b	99	94	66.7
Bosnia & Herzegovina	11.1	15.1	61.4	38.6		30.5	1.0	0.9 d	39.3		177.2	28.9	540.7	3.1	4.2	10.9		89	92	
Bulgaria	6.9	9.1	59.0	44.2	34.2		4.6	2.1	64.9	60.7	371.1	66.5	465.0	1.3		25.5	417.8	94	97	22.6
Croatia	7.8	17.6	84.9	14.5	34.7		1.3	0.7	97.1		278.5	50.4	565.9	2.0	6.2	16.9	92.8	97	96	
Cyprus	6.0	5.8	41.2	48.8	26.8		11.4	12.1 c	23.5		301.4	41.5 d	487.3	1.6	2.1 c	9.2 c		99	87	100.0 ^
Czech Republic	7.9	13.3	80.2	14.7	32.0	19.4	2.4	1.6	101.7	660.3	358.1	70.1	848.4	2.4	12.8	20.5	204.8	99 b	97 d	54.5
Denmark	11.4	15.3	80.1	13.1	10.0	7.3			57.0	844.8	348.4 b	73.3 b	1564.6 b	4.5	4.2 d	13.6	263.7 b	90	85	
Estonia	6.0	11.7	75.5	19.6	35.1	23.4	4.4	2.7	54.5	631.2	323.5	83.3	640.7	2.0	7.1	18.2	447.8	94	95	45.9
Finland	9.0	12.6	72.1	18.8	35.8	14.3	5.2	1.0	75.1	1087.8	272.1 c	112.7	997.0 b	3.7	4.2	23.9	168.0	99 b	99 b	
France	11.9	16.0	76.6	7.3	37.3	16.1	4.3	3.1	91.2	906.8	337.9	164.5	902.6	2.7		19.1 b	274.7 d	99	90	
Georgia	10.1	7.5	28.7	68.3	23.4 c	40.1	6.2	5.7	30.5	6.2 d	407.8	43.1	438.5	1.1	2.1	7.5	408.8	86	88	56.4
Germany	11.6	18.0	75.7	13.0	34.2	14.9	4.0	2.2	49.3	1032.1	373.2	65.9	1151.0	3.1	8.2 b	24.2 b	162.9	90 d	96	58.3
Greece	10.2	13.0	62.6	38.4	28.2	24.8 d	2.8 b	1.7	79.5 b		609.8	29.9	353.9 b	0.6		19.5 d	145.3 d	99 b	99 b	
Hungary	7.3	10.2	69.7	24.0	28.2	32.6	1.7	1.5	32.9	825.5	286.9	33.5	639.1	2.2	11.7	20.3	447.8	100	100	30.8
Iceland	9.4	13.1	82.3	17.9	44.0	15.7	6.8 d	3.0 d		697.2	360.4	56.9	1533.0	4.3	4.4 d	13.5 b	193.2 b	90	94	
Ireland	9.2	16.0	79.6	15.2		17.5	2.2	1.1 a	72.6	583.6	313.8	56.7	1308.7	4.2		13.6 b		94	90	0.0 ^
Israel	7.6	10.0	58.9	29.2	35.4	15.9	1.5	0.6 a	45.3	228.5	350.2	69.4	497.1	1.4	6.2 b	17.9	117.5	96	97	90.9
Italy	9.5	14.2	77.3	19.6	34.4	17.7 a	2.0	1.8	9.8	352.3	367.5 b	76.5 b	658.5	1.8		13.3 b	201.8 b	96 d	87 d	
Kazakhstan	4.3	11.3	59.2	40.1			6.4 b	5.8	60.3 b	133.1 b	380.9 b	26.1 b	768.9 b	2.0	6.8	16.3	288.4	99	99	74.1
Kyrgyzstan	6.2	11.7	50.9	37.8			2.7	2.0 d	43.3 d	45.4	238.0 d	35.4 d	543.2 c	2.3	3.5	15.7	98.7	96	99	49.6
Latvia	6.7	10.2	60.5	37.8	25.0	19.4 c	3.0	1.9	119.5	275.2	291.1	58.6	487.8	1.7	5.6	17.0	388.7	92	90	61.7
Lithuania	7.0	12.8	68.3	25.8	30.4	26.3	3.4	2.5	100.5	566.5	372.0	69.7	721.7	1.9	6.9	22.1	196.2	95	96	
Luxembourg	7.8	13.7	74.2	11.3	23.6	9.1 c	2.4	1.0	85.2	1106.5	277.3	81.7	1667.2	6.0		23.3 d		99	96	
Malta	8.6	13.0	75.4	32.3	38.3	26.1 a	1.9	1.2 a	144.7	1060.4	307.5	66.8	682.2	2.2	2.9	13.2	0.0	76	73	
Monaco	4.3	18.5	88.0	7.0			7.1 d	7.1 d	162.9	282.9	300.0 d	32.1 d	1621.4 d	5.4				99 d	99 d	
Montenegro	9.1	13.6	72.5	29.9			1.8	1.3	50.4		205.4	39.1	558.2	2.7	4.4	12.9	114.6	94	90	
Netherlands	11.9	16.2	77.3	5.2	32.2	9.6	1.7	0.6	139.3 b	1036.5	291.4 b	71.6 b	851.3 b	2.9	6.5	11.5 b	153.2 b	97	96	93.3
Norway	9.5	16.7	78.6	15.3	41.5	7.3	1.3	1.3 d	82.3	891.9	406.8	82.5	1490.5	3.7		18.7 b	256.1	93	93	50.0
Poland	7.5	10.9	68.2	22.1	31.6	22.4	2.5	2.1	63.0	234.3	217.4	20.7	585.0	2.7	6.8 b	19.0 b	1.3 b	99	98	47.4
Portugal	11.0	15.4	69.9	24.8	19.3	20.6 c	2.2	1.3	57.6		382.4	199.0	586.9	1.5	4.1 b	11.3 b	191.6	98	96	
Republic of Moldova	11.7	14.1	53.7	44.9	49.3	34.2 a	2.4	2.1	71.9	80.1	279.7	53.3	647.9	2.3	6.5	18.1	365.3	90	97	48.5
Romania	5.6	11.8	78.9	21.5	36.0		2.6	1.2	77.1	120.5	236.9	85.0	541.9	2.3	4.7	23.6	480.3	97 d	95	16.4
Russian Federation	5.1	8.5	64.4	31.4			4.0	3.9 d	104.4	15.2 d	437.6	27.3 d	972.3	2.2	9.0 d	23.7 d	950.9 d	97	98	50.9
San Marino	7.1	13.6	85.5	14.1							251.7 d		507.7 d	2.0				79	68	
Serbia	10.4	13.9	63.3	36.4	34.0	30.3	1.4 b	0.9	74.7		306.1	77.7	622.9	2.0	8.1	15.8	323.4	91	95	
Slovakia	8.8	14.0	67.3	30.5	19.6	26.6	2.5	1.4	79.5	604.8	300.4 d	41.4 d	637.4	2.1	13.0 b	18.6	285.1	99	99	25.0 ^
Slovenia	9.4	12.9	70.2	12.6	25.9	18.8	1.4		65.7		243.0	50.9	823.3	3.4	6.6 b	17.9	215.0 b	96	95	50.0 ^
Spain	9.5	15.2	72.1	20.7	23.0	18.9	1.6	1.2	40.7	533.7	377.9	75.1	504.4	1.3	9.5 d	11.5 b	225.2 b	97	95	
Sweden	9.6	13.8	78.6	17.0	25.5	12.5	0.9 d	0.9 d	47.5	1423.0	380.2 b	63.2 b	1174.0	3.1	2.9	16.2 b	326.0	98	97	90.9
Switzerland	11.5	20.0	59.6	30.9	28.3	10.1	3.8	2.2	98.6	1172.9	380.9	60.7	1631.4	4.3		17.3 b	138.2	95 d	90	
Tajikistan	6.0	6.4	33.2	66.5		10.5 d	6.3	5.1	21.6	21.6 b	185.8	23.3	432.4	2.3	4.2 b	11.3 b	51.2 b	93	94	
MKD*	7.1	12.1	66.5	35.9	43.3 d	14.9 d	3.1	2.2	55.2	28.7	269.6	88.7	422.4		6.0 d	11.3 b	209.0	95	98	0.0 ^
Turkey	6.7	12.8	75.2	16.0			1.9	1.6	6.4		167.4	55.7	228.2	1.4	7.3	14.3		97	97	68.4
Turkmenistan	2.5	7.0	52.4	40.6			2.4	1.9	58.0	7.8	229.1	88.0	455.4	2.0	3.9	16.0	58.7	96	99	
Ukraine	7.7	8.6	54.7	40.5	69.1 d	11.1 c	5.4 b	4.8	92.0 b	100.7 d	349.1	35.2	639.8	1.8	10.7 b	22.4 b	248.8 b	52	56	
United Kingdom	9.6	15.1	83.6	10.0		11.6 c	3.9 d		54.5	873.2	272.2	80.5	1016.2	3.7	5.0 b	13.1 b	256.0 b	96	93	64.2
Uzbekistan	5.8	9.6	47.4	42.7			2.6	2.1	28.0	34.8 b	257.0	26.8	1081.7	4.2	9.0 b	16.7	61.8	99	98	65.6
WHO European Region	8.2	12.7	69.2				3.3		63.9	409.9	335.3	64.4	797.6	2.4	7.2	18.4	321.5	94	93	56.3

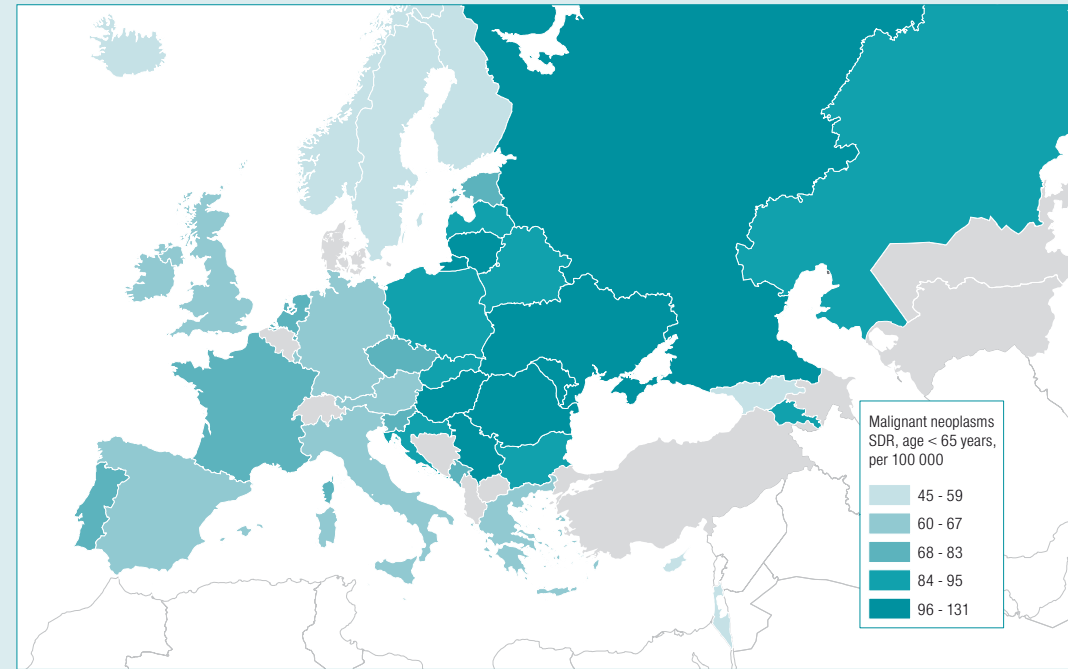
* The former Yugoslav Republic of Macedonia.

Note: a=2010 b=2009 c=2008 d=2007 or earlier. ^ Based on less than 5 cases of TB.

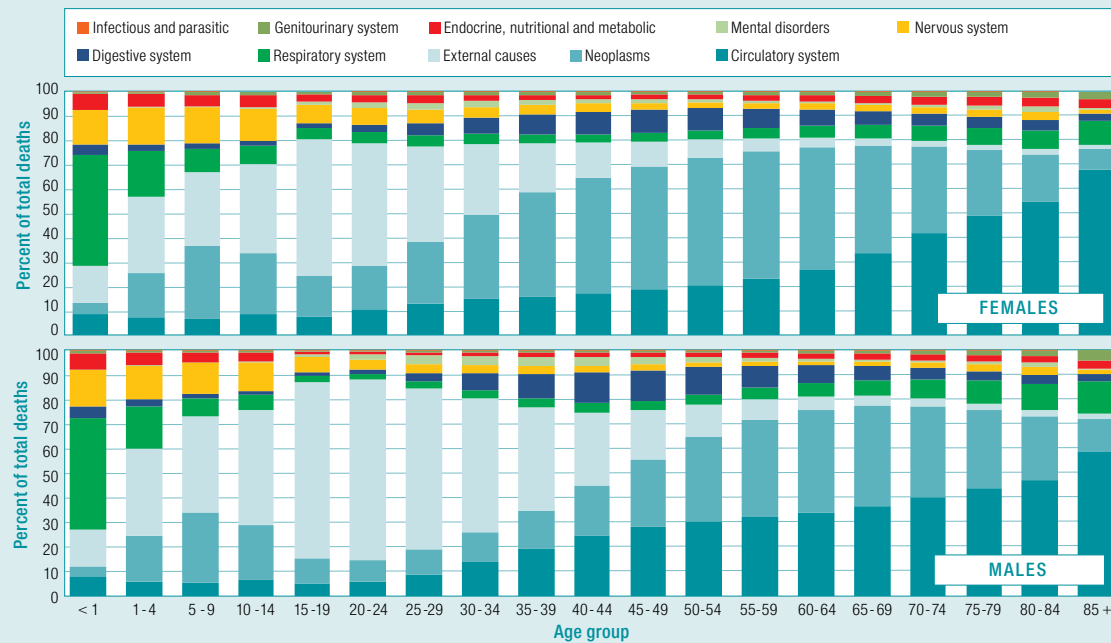
Premature mortality from diseases of the circulatory system, ages below 65 years, 2008-2009



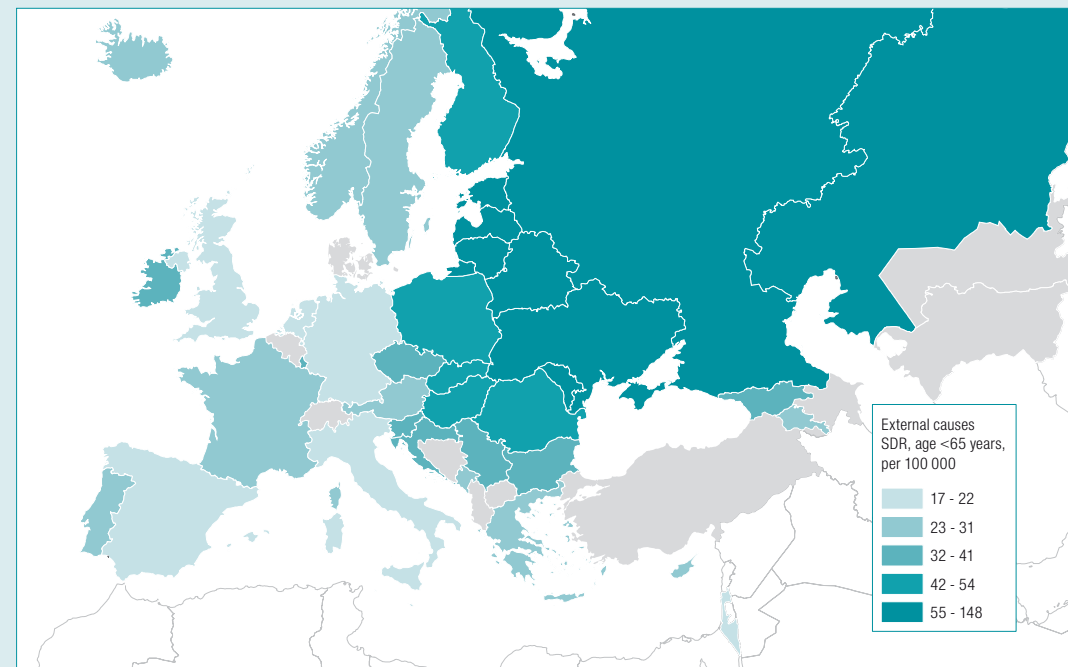
Premature mortality from malignant neoplasms, ages below 65 years, 2008-2009



Mortality profiles by broad groups of causes of death, age and sex, WHO European Region, 2006-2010



Premature mortality from injury and poisoning, age below 65 years, 2008-2009



Technical notes and sources

The data for the core health indicators were compiled, validated and processed in a standard way by WHO, OECD and EUROSTATS in order to improve the international comparability of the statistics. Nevertheless, many factors may influence the accuracy and comparability of national statistics, such as variation of definitions, incomplete registration, and other national specificities in data recording and processing. The international comparison of indicators should therefore always be interpreted with caution.

Four mortality-based indicators (life expectancy and rates for infant, under-5 and maternal mortality) are presented based on official mortality data from countries.

Cause-specific mortality rates (indicators 15-21, 54-57) are age-standardized death rates, calculated using the European standard population structure (see <http://data.who.int/> – What we do – Data and evidence - databases for standardization methods and other causes of death). Age-standardization improves the international comparability by removing the differences in mortality rates caused by intercountry differences in population age structures.

The proportion of ill-defined causes of death is used as an indication for the quality of the certification and coding of causes of death.

The bottom row in the data tables, WHO European Region, gives the population-weighted average for all countries in the Region for which data are available. The exception is indicator 1, Mid-year population, where the value is the sum of the Region's population.

Indicators related to the Millennium Development Goals (MDG) are indicated as such.

Data was retrieved from the WHO Europe health for all database (HFA-DB), unless otherwise specified. The data ranges from year 2003-2010.

Additional indicators and more detailed data can be found in databases on the website of the WHO Regional Office for Europe (www.euro.who.int – What we do – Data and evidence - databases) and WHO headquarters (www.who.int)

Indicator	Data Source
1, 2	The national data reported by countries directly to WHO or, when unavailable, World Population Prospects: the 2010 Revision. Population Division of the United Nations Department of Economic and Social Affairs of the United Nations Secretariat.
3	The national data reported by countries directly to WHO or, when unavailable, World Population Prospects: the 2010 Revision. Population Division of the United Nations Department of Economic and Social Affairs of the United Nations Secretariat. Reports of WB, UNDP and country statistical yearbooks.
5	World Urbanization Prospects: The 2009 Revision United Nations, Department of Economic and Social Affairs, Population Division.
7	ILO Yearbook of Labour Statistics
9	Data imported from World Bank's World Development Indicators database.
10	Millennium Development Goal Indicators database.
29	Global Health Observatory (GHO)
28, 30	WHO estimates based on nationally reported data and IMF, WB, UN and OECD.
32, 33	The OECD Health Database.
48	WHO Global Information System on Alcohol and Health (GISAH).
51	Estimates are based on the AirBase database of European Environment Agency (EEA).
52, 53	WHO World Health Statistics 2012.
55	Health for all mortality database (HFA-MDB)

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.