

I am pleased to present the fourth edition of a key annual statistical publication for the WHO Regional Office for Europe: *Core health indicators in the WHO European Region 2015*.

This publication provides selected data on the health situation in the 53 Member States of the Region, including an annual overview of the Health 2020 indicators. The information is compiled from data generated nationally by health and statistical authorities and regionally by WHO and other international agencies. The data are presented in table format for easy reference.

Core health indicators comprise a relatively short and succinct list of key health statistics broadly covering the main health domains: health status of the population, main determinants of health and risk factors, and health system resources and utilization. The publication also includes selected background demographic and socioeconomic indicators.

The ongoing implementation of Health 2020 is improving health in the Region. Between 2010 and 2012, premature mortality from four major noncommunicable diseases fell by 2.2% annually, well beyond the set target of 1.5%. The reduction is larger for males than for females (2.3% vs. 2.1%), contributing to the decline in inequalities between the sexes. Although the health situation in the Region continues to improve in many aspects there are still important challenges ahead. Member States recognize that timely and high-quality health information is essential

to monitor trends and evaluate the Health 2020 policy. The *Core health indicators in the WHO European Region* series aims to satisfy these needs by providing basic country and regional information.

Following the example of previous editions, the 2015 publication presents a special theme. This year, the focus is on human resources for health, which is particularly relevant for two reasons. Firstly, human resources are the cornerstone of the health system in any country, and the planning, regulation and management of the health workforce require extensive intersectoral collaboration – both topics are at the heart of the Health 2020 policy. Secondly, robust and reliable databases on the health workforce need to be built up in each country to allow for proper analysis and planning. At the regional level, the data are collected under the umbrella of the European Health Information Initiative as part of the joint data collection by the Regional Office, the Statistical Office of the European Communities (Eurostat) and the Organisation for Economic Co-operation and Development (OECD), which aims to reduce the reporting burden on Member States and to increase the comparability and consistency of health information in Europe.

I am pleased to present this publication and count on the continued support of our Member States to generate the high-quality information required to monitor progress with the Health 2020 targets.

Zsuzsanna Jakab

WHO Regional Director for Europe

Demographic and socioeconomic context

	1	2	3	4	5	6	7	8	9
							Health 2020		
	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, PPPS per capita	Annual growth rate of GDP (%)
Country	2013	2013	2013	2013	2010**	2013	2013	2013	2013
Albania	2 897	...	1.8 ^b	...	52	...	13.4 ^b	10 428 ^a	1.9 ^a
Andorra	76	...	1.1	...	88	...	...	...	-0.1
Armenia	9 417	7.0 ^d	2.2	11.8 ^d	52	5.9 ^d	0.8	17 516 ^a	2.0 ^a
Austria	8 477	18.2	1.4	-0.1 ^b	68	9.4 ^b	4.9	46 165 ^a	0.3 ^a
Azerbaijan	9 417	7.0 ^d	2.2	11.8 ^d	52	5.9 ^d	0.8	17 516 ^a	2.0 ^a
Belarus	9 466	13.8 ^b	1.7	-2.7 ^c	75	14.3 ^c	0.5	18 185 ^a	1.6 ^a
Belgium	11 178	17.1 ^c	1.8	2.2 ^c	97	9.5 ^c	8.4	42 725 ^a	1.1 ^a
Bosnia and Herzegovina	3 838	15.8 ^b	1.2	-0.8 ^c	49	9.1 ^c	27.5	9 904 ^a	1.3 ^a
Bulgaria	7 265	18.7 ^c	1.5	-5.5 ^b	71	15.0 ^b	12.3 ^b	16 324 ^a	1.7 ^a
Croatia	4 256	18.3	1.5	-2.5	58	11.8	17.2	21 252 ^a	-0.4 ^a
Cyprus	862	13.2 ^b	1.3	5.4 ^b	70	6.4 ^b	15.9	30 873 ^a	-2.3 ^a
Czech Republic	10 511	17.1	1.5	-0.2	74	10.4	7.0	30 445 ^a	2.0 ^a
Denmark	5 609	17.7 ^b	1.7	1.1 ^b	87	9.3 ^b	5.8	44 863 ^a	1.1 ^a
Estonia	1 318	17.1 ^c	1.5	-0.4 ^c	69	11.4 ^c	8.6	26 355 ^a	2.1 ^a
Finland	5 427	18.5 ^b	1.8	1.4 ^b	85	9.6 ^b	8.2	39 754 ^a	-0.1 ^a
France	63 794	17.1 ^c	2.0	4.1 ^c	85	8.5 ^c	9.8	38 851 ^a	0.2 ^a
Georgia	4 487	13.8 ^b	1.7	1.7 ^b	53	11.0 ^b	13.8 ^d	7 582 ^a	4.8 ^a
Germany	80 646	20.8	1.4	-2.6	74	11.1	5.9 ^c	45 616 ^a	1.6 ^a
Greece	11 093 ^b	19.9 ^b	1.3 ^b	-1.5 ^b	61	10.5 ^b	27.5	26 099 ^a	0.8 ^a
Hungary	9 893	17.4	1.3	-3.9	68	12.8	10.2	24 498 ^a	3.6 ^a
Iceland	324	11.8 ^d	1.9	9.5 ^d	93	6.3 ^d	5.4	43 393 ^a	1.9 ^a
Ireland	4 593	11.1 ^d	2.0	10.5 ^d	62	6.1 ^d	14.4 ^c	47 804 ^a	4.8 ^a
Israel	8 060	10.3 ^b	3.0	16.3 ^b	92	5.3 ^b	6.0	33 072 ^a	2.8 ^a
Italy	60 234	20.7 ^c	1.4	-0.9 ^c	68	10.0 ^c	12.2	34 758 ^a	-0.4 ^a
Kazakhstan	17 035	6.6 ^b	2.6	14.2 ^b	59	8.5 ^b	5.2	24 205 ^a	4.3 ^a
Kyrgyzstan	5 720	4.3	3.1	21.1	35	6.1	2.4	3 322 ^a	3.6 ^a
Latvia	2 013	18.7 ^b	1.5	-4.5 ^b	68	14.3 ^b	11.9	23 337 ^a	2.4 ^a
Lithuania	2 958	18.2 ^b	1.6	-3.5 ^b	67	13.7 ^b	11.8	26 643 ^a	3.0 ^a
Luxembourg	543	14.0 ^b	1.6	4.3 ^b	85	7.0 ^b	5.8	91 048	2.0
Malta	423	16.1 ^c	1.4	2.4 ^c	95	7.9 ^c	6.4	29 127	2.9
Monaco	36 ^b	...	...	...	100	...	...	...	10.0 ^d
Montenegro	621	12.9 ^d	1.7	4.4 ^d	61	9.3 ^d	19.7	14 323 ^a	1.5 ^a
Netherlands	16 804	16.5 ^b	1.7 ^b	2.1 ^b	83	8.4 ^b	6.7	47 131 ^a	0.9 ^a
Norway	5 080	15.5 ^b	1.8	3.7 ^b	79	8.4 ^b	3.5	64 893 ^a	2.2 ^a
Poland	38 502	14.0 ^b	1.3	0.0 ^b	61	10.0 ^b	13.4	24 882 ^a	3.4 ^a
Portugal	10 457	19.2 ^b	1.2	-1.7 ^b	61	10.3 ^b	16.3	28 327 ^a	0.9 ^a
Republic of Moldova	3 559	10.0	1.2	-0.1	47	10.7	1.9	4 983 ^a	4.6 ^a
Romania	21 267	15.0 ^b	1.3 ^d	-2.6 ^b	57	12.0 ^b	5.7	19 401 ^a	1.8 ^a
Russian Federation	142 834	12.7 ^c	1.3 ^d	-0.9 ^c	73	13.5 ^c	6.6 ^c	25 636 ^a	0.6 ^a
San Marino	32	15.6 ^d	1.5	2.2 ^d	94	7.3 ^d	6.4	...	1.9 ^d
Serbia	7 164	17.8	1.4	-4.9	56	14.0	23.0	12 660 ^a	-1.8 ^a
Slovakia	5 413	12.4 ^d	1.4	1.3 ^d	55	9.8 ^d	14.2	27 585 ^a	2.4 ^a
Slovenia	2 059	16.6 ^d	1.6	1.8 ^d	50	9.1 ^d	10.1	29 917 ^a	2.6 ^a
Spain	46 593	17.5 ^b	1.3	1.1 ^b	77	8.6 ^b	26.1	33 763 ^a	1.4 ^a
Sweden	9 600	19.0 ^b	1.9	2.2 ^b	85	9.7 ^b	8.0	45 144 ^a	2.3 ^a
Switzerland	8 078	16.9 ^d	1.5	2.3 ^d	74	8.0 ^d	4.1 ^c	56 940	1.9
Tajikistan	7 987 ^b	4.4	3.5 ^d	22.0 ^d	26	4.2 ^d	...	2 655 ^a	6.7 ^a
MKD*	2 066 ^b	11.7 ^d	1.5 ^b	2.5 ^d	59	9.3 ^d	31.0 ^b	12 938 ^a	3.8 ^a
Turkey	76 055	7.6	2.1	12.2	70	4.7	9.0	19 250 ^a	2.9 ^a
Turkmenistan	5 240	...	2.6 ^d	...	50	...	...	15 474 ^a	10.3 ^a
Ukraine	45 246	15.2 ^b	1.5	-3.1 ^b	69	14.6 ^b	8.1 ^d	8 665 ^a	-6.8 ^a
United Kingdom	63 905	16.6 ^d	1.8 ^d	3.9 ^d	80	9.0 ^d	8.0 ^c	39 137 ^a	2.6 ^a
Uzbekistan	30 243	4.5 ^d	2.4	15.0 ^d	36	5.4 ^d	...	5 576 ^a	8.1 ^a
WHO European Region	902 394 ^b	14.7 ^b	1.6	2.5 ^b	70	9.9 ^b	9.4	28 274	1.5

* The International Organization for Standardization (ISO) abbreviation for the former Yugoslav Republic of Macedonia.

GDP = gross domestic product
PPS = purchasing power parity

** Latest available data
... = No data available

Note: ^a = 2014, ^b = 2012, ^c = 2011, ^d = 2010–2005

Health status: mortality indicators

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	Health 2020								Health 2020								Ill defined** causes of death (%)
	Life expectancy at birth (years)			Life expectancy at age 65 years (years)			Infant mortality rate per 1000 live births	Maternal mortality ratio per 100 000 live births (MDG 5)	Age-standardized death rates per 100 000 population								
	Both sexes	Males	Females	Both sexes	Males	Females			All cause mortality	Infectious and parasitic diseases	Malignant neoplasms	Circulatory systems	Digestive system	Diseases of the respiratory system	External causes of injury and poisoning		
Country	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	Country
Albania	...	...	...	...	...	...	5.49 ^d	11.8	...	...	...	...	...	...	...	10.5 ^d	Albania
Andorra	81.5 ^d	77.4 ^d	84.2 ^d	...	...	...	...	0.0	...	...	...	...	...	...	...	...	Andorra
Armenia	74.6 ^b	71.3 ^b	77.8 ^b	15.8 ^b	14.3 ^b	17.0 ^b	10.8 ^b	19.1	907.6 ^b	9.6 ^b	188.0 ^b	432.4 ^b	52.8 ^b	53.8 ^b	44.1 ^b	2.8 ^b	Armenia
Austria	81.2 ^b	78.6 ^b	83.7 ^b	20.0 ^b	18.2 ^b	21.4 ^b	3.2 ^b	1.3	538.1 ^b	4.9 ^b	154.7 ^b	199.9 ^b	23.6 ^b	25.4 ^b	37.3 ^b	2.6 ^b	Austria
Azerbaijan	73.8 ^d	71.3 ^d	76.3 ^d	15.4 ^d	14.5 ^d	16.3 ^d	9.8 ^b	14.5	940.4 ^d	5.6 ^d	87.4 ^d	551.6 ^d	60.4 ^d	55.9 ^d	28.6 ^d	8.3 ^d	Azerbaijan
Belarus	70.8 ^c	64.8 ^c	77.0 ^c	15.2 ^c	12.1 ^c	17.3 ^c	3.9 ^c	0.0	1 137.2 ^c	12.1 ^c	158.5 ^c	571.2 ^c	51.5 ^c	27.57 ^c	130.4 ^c	13.2 ^c	Belarus
Belgium	80.7 ^c	78.0 ^c	83.3 ^c	19.9 ^c	17.9 ^c	21.6 ^c	3.4 ^c	7.0 ^c	559.5 ^c	12.4 ^c	164.0 ^c	149.2 ^c	25.8 ^c	51.0 ^c	47.2 ^c	5.1 ^c	Belgium
Bosnia and Herzegovina	76.7 ^c	74.2 ^c	79.0 ^c	16.6 ^c	15.6 ^c	17.5 ^c	5.8 ^c	9.2 ^b	802.2 ^c	6.7 ^c	156.8 ^c	426.6 ^c	19.2 ^c	27.67 ^c	28.1 ^c	7.1 ^c	Bosnia and Herzegovina
Bulgaria	74.3 ^c	70.8 ^c	77.9 ^c	15.9 ^c	14.0 ^c	17.4 ^c	7.8 ^b	4.3 ^b	932.9 ^c	5.6 ^c	155.9 ^c	592.0 ^c	31.6 ^c	36.1 ^c	32.7 ^c	3.0 ^c	Bulgaria
Croatia	77.9 ^c	74.5 ^c	81.1 ^c	17.5 ^c	15.4 ^c	19.2 ^c	4.1 ^c	5.0 ^c	721.5 ^c	4.6 ^c	209.5 ^c	324.1 ^c	33.1 ^c	28.4 ^c	47.6 ^c	0.9 ^c	Croatia
Cyprus	81.8 ^d	79.7 ^d	83.8 ^d	19.6 ^d	18.4 ^d	20.8 ^d	3.5 ^b	10.7	514.8 ^b	8.3 ^b	119.1 ^b	184.8 ^b	14.4 ^b	38.5 ^b	26.8 ^b	4.0 ^b	Cyprus
Czech Republic	78.4 ^d	75.3 ^d	81.4 ^d	17.8 ^d	15.8 ^d	19.4 ^d	2.5 ^c	1.9	691.9 ^d	9.5 ^d	178.8 ^d	309.7 ^d	32.1 ^d	42.6 ^d	43.5 ^d	1.2 ^d	Czech Republic
Denmark	80.4 ^d	78.4 ^d	82.3 ^d	19.1 ^d	17.7 ^d	20.4 ^d	3.5 ^b	7.1	583.1 ^b	9.2 ^b	185.4 ^b	135.9 ^b	27.1 ^b	59.2 ^b	28.9 ^b	7.3 ^b	Denmark
Estonia	76.6 ^c	71.3 ^c	81.4 ^c	18.0 ^c	14.8 ^c	20.1 ^c	2.4 ^c	7.4	759.7 ^c	8.6 ^c	186.5 ^c	369.2 ^c	31.9 ^c	21.7 ^c	77.2 ^c	2.2 ^c	Estonia
Finland	80.8 ^b	77.8 ^b	83.8 ^b	20.0 ^b	17.9 ^b	21.7 ^b	2.4 ^b	1.7	551.0 ^b	3.2 ^b	134.0 ^b	198.5 ^b	30.9 ^b	20.4 ^b	53.5 ^b	0.8 ^b	Finland
France	82.4 ^c	78.8 ^c	85.8 ^c	21.8 ^c	19.4 ^c	23.9 ^c	3.3 ^c	5.7 ^c	484.6 ^c	9.9 ^c	158.6 ^c	107.2 ^c	21.9 ^c	26.3 ^c	42.2 ^c	8.3 ^c	France
Georgia	74.6 ^b	70.4 ^b	78.5 ^b	16.9 ^b	14.7 ^b	18.6 ^b	12.5 ^b	27.6	850.4 ^b	10.5 ^b	92.4 ^b	322.5 ^b	22.4 ^b	17.9 ^b	34.8 ^b	33.8 ^b	Georgia
Germany	80.7 ^c	78.2 ^c	83.1 ^c	19.5 ^c	17.8 ^c	21.0 ^c	3.3 ^c	4.3	563.9 ^c	11.3 ^c	157.0 ^c	199.8 ^c	27.9 ^c	38.5 ^c	27.8 ^c	2.8 ^c	Germany
Greece	80.9 ^c	78.6 ^c	83.2 ^c	19.8 ^c	18.6 ^c	20.7 ^c	2.9 ^b	1.0	553.1 ^b	5.3 ^b	152.7 ^b	217.6 ^b	14.8 ^b	47.3 ^b	26.1 ^b	11.3 ^b	Greece
Hungary	75.8 ^c	72.2 ^c	79.2 ^c	16.8 ^c	14.6 ^c	18.5 ^c	5.1 ^c	14.7	840.7 ^c	6.3 ^c	232.6 ^c	387.1 ^c	46.9 ^c	45.8 ^c	48.4 ^c	0.1 ^c	Hungary
Iceland	81.9 ^d	79.9 ^d	83.9 ^d	20.0 ^d	18.7 ^d	21.1 ^d	1.8 ^d	0.0	507.4 ^d	2.8 ^d	155.9 ^d	172.8 ^d	15.3 ^d	42.4 ^d	34.7 ^d	0.8 ^d	Iceland
Ireland	80.8 ^d	78.5 ^d	83.0 ^d	19.5 ^d	17.8 ^d	21.0 ^d	3.8 ^d	9.5 ^c	554.0 ^d	5.4 ^d	172.4 ^d	181.5 ^d	22.5 ^d	61.5 ^d	35.2 ^d	0.3 ^d	Ireland
Israel	82.3 ^b	80.3 ^b	84.1 ^b	20.5 ^b	19.2 ^b	21.5 ^b	3.6 ^b	4.7	489.2 ^b	24.9 ^b	137.9 ^b	111.8 ^b	17.3 ^b	36.7 ^b	22.5 ^b	5.7 ^b	Israel
Italy	82.4 ^c	79.7 ^c	84.9 ^c	20.7 ^c	18.7 ^c	22.4 ^c	3.3 ^c	2.6 ^c	481.9 ^c	9.7 ^c	157.0 ^c	159.3 ^c	19.3 ^c	28.7 ^c	25.1 ^c	1.7 ^c	Italy
Kazakhstan	69.7 ^b	65.0 ^b	74.5 ^b	14.5 ^b	12.3 ^b	16.0 ^b	13.4 ^b	12.7	1 197.3 ^b	12.9 ^b	146.0 ^b	367.8 ^b	77.7 ^b	79.7 ^b	104.3 ^b	22.2 ^b	Kazakhstan
Kyrgyzstan	69.9 ^c	66.0 ^c	73.9 ^c	14.3 ^c	12.6 ^c	15.7 ^c	19.9	39.2	1 087.9 ^c	21.2 ^c	115.5 ^c	658.7 ^c	71.7 ^c	63.8 ^c	66.0 ^c	2.0 ^c	Kyrgyzstan
Latvia	74.1 ^b	68.9 ^b	79.0 ^b	16.6 ^b	13.7 ^b	18.6 ^b	6.3 ^b	24.3	910.9 ^b	11.4 ^b	194.5 ^b	470.5 ^b	34.9 ^b	24.0 ^b	82.0 ^b	3.8 ^b	Latvia
Lithuania	74.2 ^b	68.5 ^b	79.7 ^b	17.2 ^b	14.2 ^b	19.3 ^b	3.9 ^b	6.7	893.1 ^b	16.0 ^b	182.2 ^b	451.1 ^b	52.6 ^b	27.3 ^b	109.2 ^b	1.2 ^b	Lithuania
Luxembourg	82.2 ^b	80.0 ^b	84.3 ^b	20.4 ^b	18.8 ^b	21.7 ^b	1.3 ^b	16.4	495.9 ^b	11.5 ^b	152.7 ^b	151.8 ^b	25.4 ^b	34.5 ^b	36.4 ^b	2.9 ^b	Luxembourg
Malta	81.0 ^c	78.8 ^c	83.1 ^c	19.6 ^c	17.8 ^c	21.1 ^c	5.4 ^b	0.0	538.6 ^c	4.5 ^c	149.1 ^c	231.4 ^c	16.6 ^c	35.5 ^c	19.5 ^c	0.5 ^c	Malta
Monaco	...	...	...	...	...	...	...	0.0 ^b	...	...	...	...	...	...	...	...	Monaco
Montenegro	75.6 ^d	73.3 ^d	78.0 ^d	16.3 ^d	15.2 ^d	17.3 ^d	5.8 ^d	0.0 ^d	846.1 ^d	0.9 ^d	128.7 ^d	461.6 ^d	20.6 ^d	38.7 ^d	35.2 ^d	14.2 ^d	Montenegro
Netherlands	81.3 ^b	79.4 ^b	83.1 ^b	19.8 ^b	18.2 ^b	21.2 ^b	3.7 ^b	3.4 ^b	533.5 ^b	8.3 ^b	178.5 ^b	136.4 ^b	19.5 ^b	50.7 ^b	27.8 ^b	3.9 ^b	Netherlands
Norway	81.7 ^b	79.7 ^b	83.6 ^b	19.9 ^b	18.5 ^b	21.2 ^b	2.5 ^b	3.4	518.6 ^b	11.5 ^b	151.6 ^b	146.2 ^b	16.3 ^b	48.8 ^b	35.9 ^b	5.2 ^b	Norway
Poland	77.0 ^b	72.8 ^b	81.2 ^b	18.0 ^b	15.5 ^b	20.0 ^b	4.6 ^b	1.0 ^b	746.8 ^b	5.3 ^b	191.9 ^b	323.6 ^b	34.2 ^b	37.3 ^b	53.7 ^b	5.9 ^b	Poland
Portugal	80.6 ^b	77.4 ^b	83.7 ^b	19.7 ^b	17.6 ^b	21.4 ^b	3.4 ^b	4.5 ^b	562.3 ^b	13.9 ^b	152.7 ^b	152.3 ^b	25.9 ^b	61.8 ^b	27.2 ^b	9.5 ^b	Portugal
Republic of Moldova	72.0	68.2	75.7	15.0	13.3	16.2	9.5	15.8	1 072.4	11.9	162.6	625.8	93.5	48.1	77.5	0.7	Republic of Moldova
Romania	74.7 ^b	71.2 ^b	78.2 ^b	16.1 ^b	14.4 ^b	17.6 ^b	9.0 ^b	13.6	901.3 ^b	9.7 ^b	182.2 ^b	507.9 ^b	55.8 ^b	49.4 ^b	46.0 ^b	0.8 ^b	Romania
Russian Federation	70.0 ^c	64.2 ^c	75.8 ^c	15.5 ^c	12.8 ^c	17.2 ^c	7.3 ^c	16.2 ^c	1 134.0 ^c	21.8 ^c	173.4 ^c	613.3 ^c	54.8 ^c	44.7 ^c	126.8 ^c	5.1 ^c	Russian Federation
San Marino	81.7 ^d	77.6 ^d	84.4 ^d	21.2 ^d	18.3 ^d	24.2 ^d	0.0 ^d	0.0	467.8 ^d	0.0 ^d	207.0 ^d	187.7 ^d	1.8 ^d	6.9 ^d	26.1 ^d	8.7 ^d	San Marino
Serbia	75.3	72.7	78.0	15.8	14.4	16.9	6.3	13.7	894.5	5.4	198.0	453.4	30.7	41.9	35.7	4.4	Serbia
Slovakia	75.7 ^d	71.8 ^d	79.4 ^d	16.4 ^d	14.1 ^d	18.1 ^d	5.7 ^d	1.8	849.7 ^d	6.0 ^d	196.7 ^d	440.2 ^d	47.3 ^d	52.0 ^d	50.1 ^d	1.2 ^d	Slovakia
Slovenia	80.0 ^d	76.6 ^d	83.2 ^d	19.3 ^d	16.9 ^d	21.1 ^d	2.5 ^d	0.0 ^c	599.7 ^d	2.8 ^d	196.0 ^d	218.4 ^d	39.7 ^d	32.3 ^d	56.3 ^d	1.5 ^d	Slovenia
Spain	82.6 ^b	79.5 ^b	85.5 ^b	21.0 ^b	18.8 ^b	22.9 ^b	3.1 ^b	1.2	477.1 ^b	8.4 ^b	149.5 ^b	130.4 ^b	24.4 ^b	48.6 ^b	21.5 ^b	2.5 ^b	Spain
Sweden	81.9 ^b	80.0 ^b	83.7 ^b	20.0 ^b	18.6 ^b	21.2 ^b	2.6 ^b	6.2	507.7 ^b	11.5 ^b	139.4 ^b	173.7 ^b	16.9 ^b	31.6 ^b	35.2 ^b	3.7 ^b	Sweden
Switzerland	82.8 ^d	80.4 ^d	85.0 ^d	21.1 ^d	19.2 ^d	22.7 ^d	3.6 ^b	8.5 ^b	464.1 ^d	5.5 ^d	137.9 ^d	144.9 ^d	18.7 ^d	25.4 ^d	32.4 ^d	4.0 ^d	Switzerland
Tajikistan	73.7 ^d	71.2 ^d	76.3 ^d	16.3 ^d	14.5 ^d	17.8 ^d	...	32.9 ^b	940.5 ^d	28.7 ^d	72.8 ^d	560.6 ^d	46.0 ^d	78.8 ^d	32.9 ^d	3.8 ^d	Tajikistan
MKD*	75.1 ^d	73.0 ^d	77.3 ^d	15.1 ^d	14.0 ^d	16.1 ^d	7.6 ^d	4.2 ^b	939.5 ^d	3.1 ^d	171.5 ^d	553.0 ^d	17.2 ^d	34.4 ^d	28.3 ^d	6.5 ^d	MKD*
Turkey	78.9	76.1	81.7	18.5	16.6	20.2	10.1	23.5	635.6	11.0	132.0	262.3	17.0	64.1	28.9	2.2	Turkey
Turkmenistan	...	...	...	...	...	...	...	3.8 ^b	...	...	...	...	...	...	...	...	Turkmenistan
Ukraine	71.3 ^b	66.2 ^b	76.2 ^b	15.2 ^b	12.8 ^b	16.8 ^b	8.4 ^b	12.9	1 087.4 ^b	28.8 ^b	163.1 ^b	667.1 ^b	52.1 ^b	29.0 ^b	83.5 ^b	2.2 ^b	Ukraine
United Kingdom	80.8 ^d	78.8 ^d	82.7 ^d	19.8 ^d	18.4 ^d	21.0 ^d	4.3 ^d	5.0 ^d	553.1 ^d	6.1 ^d	170.4 ^d						

Health status: morbidity

Health services utilization

Country	MDG6					Outpatient contacts per person per year	Inpatient care	
	Incidence per 100 000		Cancer incidence per 100 000				Discharges per 100 population	Average length of stay
	HIV	TB	Female breast	Cervix uteri	Trachea, bronchus and lung			
2013	2013	2013	2013	2013	2013	2013	2013	
Albania	3.1 ^b	16.4	30.8	6.6	15.0	2.5	8.6	5.5
Andorra	2.6 ^b	6.6	...	...	...	...	...	...
Armenia	7.5 ^b	46.2	69.0	19.0	37.7	3.8	12.4	7.8
Austria	3.6 ^b	7.4	124.4 ^c	9.1 ^c	49.2 ^c	6.8	26.6	8.1
Azerbaijan	5.6 ^b	62.2	31.7	7.1	11.0	4.3	6.6	10.3
Belarus	12.9 ^b	47.2	76.4	17.0	42.4	12.7	30.8	11.2
Belgium	11.0 ^b	8.1	186.2 ^b	12.0 ^b	73.3 ^b	7.4 ^c	16.6 ^b	7.9 ^b
Bosnia and Herzegovina	0.7 ^b	32.9	41.0	18.0	34.3	5.5	11.1	7.4
Bulgaria	2.2 ^b	26.6	101.5	28.4	50.4	...	30.6	5.6
Croatia	1.7 ^b	12.0	100.8 ^b	14.5 ^b	63.7 ^b	6.1	17.5	8.9
Cyprus	6.7 ^b	4.8	124.3 ^c	5.5 ^c	35.6 ^c	2.4	7.8	6.1
Czech Republic	2.0 ^b	4.5	123.9 ^c	19.1 ^c	62.1 ^c	11.1	20.7	9.4
Denmark	3.6 ^b	5.9	167.1	13.1	79.5	4.5 ^a	15.2	4.3
Estonia	23.8 ^b	20.0	100.5 ^c	23.4 ^c	55.6 ^c	6.4	17.7	7.5
Finland	2.9 ^b	4.9	170.4 ^b	5.5 ^b	44.8 ^b	2.6	17.0	10.8
France	6.4 ^b	7.4	149.1 ^b	9.2 ^b	62.2 ^b	6.4	21.4 ^c	9.1 ^c
Georgia	11.7 ^b	76.5	40.9	7.3	10.8	2.7	8.7	5.4
Germany	3.6 ^b	5.2	168.9 ^d	11.2 ^d	63.7 ^d	9.9	25.2	9.1
Greece	10.7 ^b	4.4	...	...	...	4.0 ^d	19.6 ^d	6.6 ^d
Hungary	2.2 ^b	10.5	146.5	21.2	112.7	11.7	20.2 ^b	9.5 ^b
Iceland	5.9 ^b	3.4	132.0 ^b	9.4 ^b	49.6 ^b	6.0	12.4	5.9
Ireland	7.4 ^b	7.8	123.6 ^b	11.8 ^b	50.5 ^b	3.8 ^d	14.1	6.0
Israel	6.2 ^b	3.8	121.2 ^b	5.3 ^b	27.2 ^b	6.2 ^d	16.4 ^b	6.5 ^b
Italy	6.6 ^b	5.0	175.0	5.1	63.9	6.8	11.7	7.9
Kazakhstan	12.0 ^b	111.3	43.8	18.5	22.1	6.7	15.3	11.3
Kyrgyzstan	12.9 ^b	123.7	21.6	15.3	9.0	3.3	14.5	9.7
Latvia	16.7 ^b	43.3	103.8	24.6	55.6	7.0 ^b	19.0 ^b	8.3 ^b
Lithuania	5.4 ^b	53.2	94.7 ^b	26.7 ^b	47.6 ^b	8.1	24.4	7.9
Luxembourg	15.6 ^b	7.0	152.2 ^c	6.5 ^c	35.7 ^c	6.5	14.1	8.9
Malta	7.2 ^b	11.8	146.1	4.2	44.6	...	15.0 ^b	7.8 ^d
Monaco	0.0 ^b	2.9 ^d	...	...	...	...	46.0 ^b	...
Montenegro	2.1 ^b	19.2	102.2	32.5	49.4	4.4 ^d	13.4	7.7
Netherlands	5.8 ^b	5.0	198.2	7.9	73.1	6.2	11.7 ^d	10.8 ^d
Norway	4.8 ^b	7.1	118.2 ^b	13.2 ^b	65.5 ^b	4.2	19.3	6.1
Poland	2.6 ^b	18.3	85.5 ^b	14.0 ^b	56.8 ^b	7.1	16.5	7.0
Portugal	6.9 ^b	22.4	93.2 ^d	12.7 ^d	28.6 ^d	4.1 ^b	10.9	8.9
Republic of Moldova	21.3 ^b	126.0	52.5	16.4	24.1	6.5	18.4	9.0
Romania	2.3 ^b	73.0	57.2	28.2	39.9	4.8	20.9	7.4
Russian Federation	...	74.3	78.9	20.1	39.2	9.5	21.6	12.1
San Marino	15.4 ^b	...	0.0 ^c	0.0 ^c	56.2 ^c	...	12.7	7.5
Serbia	1.7 ^b	29.4	119.1 ^b	34.3 ^b	78.1 ^b	7.5 ^b	15.7 ^b	8.8 ^b
Slovakia	0.9 ^b	7.4	94.9 ^d	22.8 ^d	46.7 ^d	11.0	19.6 ^b	7.5 ^b
Slovenia	2.2 ^b	6.8	110.2 ^c	13.7 ^c	58.5 ^c	6.5	18.2	6.5
Spain	6.9 ^b	11.3	...	...	...	7.4 ^c	11.0	7.6
Sweden	4.6 ^b	6.4	189.7	9.7	39.9	2.9	16.5 ^b	5.8 ^b
Switzerland	8.3 ^b	5.8	140.3 ^d	6.1 ^d	50.5 ^c	3.9 ^b	17.0	8.7
Tajikistan	10.4 ^b	67.9	9.0 ^b	7.2 ^b	1.6 ^b	4.5 ^b	11.9 ^b	9.0 ^b
MKD*	0.7 ^b	15.1	65.8 ^d	21.4 ^d	45.9 ^d	7.0	11.0	7.9
Turkey	1.4 ^b	17.3	32.8 ^d	3.8 ^d	23.3 ^d	8.2	16.1	3.9
Turkmenistan	0.0 ^b	58.1	17.3	12.8	4.5	3.4	18.5	7.9
Ukraine	37.2 ^b	80.7	68.1	20.3	36.2	10.5	22.5	11.8
United Kingdom	10.0 ^b	11.6	157.2 ^b	9.5 ^b	70.3 ^b	5.0 ^d	13.3	7.1
Uzbekistan	13.2 ^d	68.8	17.6	8.7	4.3	9.0	15.9	7.9
WHO European Region	10.6 ^b	32.9	104.7 ^b	13.2 ^b	47.2 ^b	7.6	18.1	8.6

* The ISO abbreviation for the former Yugoslav Republic of Macedonia

TB = Tuberculosis

... = no data available

Health expenditures

Risk factors

34	35	36	37
Health 2020		Health 2020	
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
as % of total health expenditure			
2013	2013	2013	2013
5.9	9.9	48.4	51.5
8.1	23.1	75.3	18.4
4.5	7.9	41.7	54.7
11.0	16.3	75.8	15.8
5.6	3.5	20.8	71.1
6.1	13.5	65.4	31.9
11.2	15.6	75.8	19.9
9.6	16.2	70.0	29.0
7.6	11.7	59.3	39.6
7.3	12.7	80.0	12.5
7.4	7.5	46.3	46.4
7.2	14.3	83.3	15.7
10.6	15.9	85.4	12.8
5.7	11.7	77.9	18.9
9.4	12.1	75.3	18.5
11.7	15.8	77.5	7.4
9.4	6.7	21.5	61.9
11.3	19.4	76.8	12.9
9.8	11.7	69.5	26.4
8.1	10.2	63.6	27.5
9.1	15.8	80.5	18.1
8.9	14.1	67.7	16.8
7.2	10.6	59.1	26.4
9.1	14.0	78.0	18.0
4.3	10.9	53.2	46.3
6.7	13.2	59.0	36.4
5.7	9.8	61.9	36.5
6.2	12.1	66.6	32.6
7.1	13.6	83.7	10.8
8.7	13.3	66.1	31.5
4.0	18.8	88.2	7.0
6.5	9.8	57.3	42.7
12.9	20.7	79.9	5.4
9.6	18.3	85.5	14.0
6.7	11.1	69.6	22.8
9.7	12.9	64.7	26.6
11.8	13.4	46.0	44.6
5.3	12.2	79.7	19.7
6.6	8.4	48.1	48.0
6.5	13.1	87.9	11.6
10.6	14.1	60.5	37.9
8.2	14.9	70.0	22.1
9.2	11.0	71.6	12.1
8.9	14.0	70.4	22.8
9.7	15.0	81.5	16.3
11.5	22.1	66.0	25.9
6.8	7.3	30.6	60.1
6.4	13.2	68.9	31.1
5.6	10.7	77.4	15.0
2.0	8.7	65.5	34.5
7.8	12.2	54.5	42.8
9.1	16.2	83.5	9.3
6.1	9.7	51.0	46.1
8.2	13.0	67.1	26.4

38	39	40	41	
Health 2020				
Yearly consumption of alcohol per adult ≥ 15 years (litres of pure alcohol equivalent)	Estimated age-standardized prevalence of			
	tobacco smoking among people aged 15 years and over	obesity (body mass index ≥30 kg/m ²)	raised blood pressure (systolic blood pressure ≥ 140 or diastolic blood pressure ≥ 90)	
2013	2011	2014	2014	Country
5.0 ^c	26	17.6	28.0	Albania
13.3 ^d	...	29.5	18.8	Andorra
3.8 ^c	22	19.5	26.6	Armenia
11.9 ^c	46	18.4	18.8	Austria
1.1 ^c	16	22.5	26.1	Azerbaijan
14.7 ^b	29	23.4	29.0	Belarus
9.8 ^b	27	20.2	17.8	Belgium
4.4 ^c	35	17.9	28.4	Bosnia and Herzegovina
9.7 ^c	39	23.2	28.4	Bulgaria
10.6 ^c	33	23.3	27.8	Croatia
8.9 ^c	30	23.8	19.7	Cyprus
12.5	36	26.8	27.0	Czech Republic
9.2	29	19.3	20.0	Denmark
11.6 ^c	31	22.6	31.7	Estonia
9.0	24	20.6	19.9	Finland
11.4	36	23.9	21.0	France
5.3 ^d	27	20.8	27.6	Georgia
10.9	30	20.1	19.5	Germany
7.4 ^c	40	22.9	18.4	Greece
11.2 ^b	31	24.0	28.6	Hungary
6.3 ^d	19	22.8	20.1	Iceland
11.8 ^b	...	25.6	18.1	Ireland
2.6 ^c	26	25.3	17.7	Israel
6.1 ^d	25	21.0	19.6	Italy
6.4 ^c	24	23.4	27.2	Kazakhstan
2.4 ^d	23	14.4	27.9	Kyrgyzstan
10.2 ^b	32	23.7	29.8	Latvia
14.3	33	25.9	29.3	Lithuania
11.3 ^b	...	23.1	21.2	Luxembourg
7.8 ^c	25	26.6	19.8	Malta
...	...	...	...	Monaco
6.6 ^d	...	20.0	27.9	Montenegro
8.9 ^c	26	19.8	18.1	Netherlands
6.2	27	23.1	18.4	Norway
10.7	32	25.2	28.1	Poland
10.3 ^c	22	20.1	22.1	Portugal
6.3 ^c	24	14.9	30.9	Republic of Moldova
9.1 ^c	28	21.7	27.4	Romania
11.2 ^b	40	24.1	28.7	Russian Federation
...	...	...	...	San Marino
9.7 ^d	32	19.5	29.0	Serbia
10.6	29	25.7	27.3	Slovakia
10.3 ^d	24	25.1	28.0	Slovenia
9.8 ^d	30	23.7	19.0	Spain
7.4 ^c	24	20.5	19.4	Sweden
9.7	26	19.4	17.8	Switzerland
0.3 ^d	...	13.6	27.2	Tajikistan
4.0 ^d	...	19.6	27.3	MKD*
1.5 ^b	27	29.5	23.0	Turkey
2.4 ^c	...	20.1	26.7	Turkmenistan
8.4 ^d	30	20.1	29.0	Ukraine
9.7 ^b	22	28.1	15.2	United Kingdom
2.5 ^d	13	15.5	26.1	Uzbekistan
8.7 ^c	30	23.0	23.4	WHO European Region

GDP = gross domestic product

Note: ^a = 2014, ^b = 2012, ^c = 2011, ^d = 2010–2005

Theme in focus: human resources for health

	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	
	Health care personnel per 100 000 population						Graduates** per 100 000 population		Physicians by age and sex (%)			Physicians by specialty per 100 000 population					
	Physicians	Nurses	Midwives	Dentists	Pharmacists	Physiotherapists	Physicians	Nurses	Female***	Older than 55 years	General practitioners	General paediatricians	Obstetricians and gynaecologists	Psychiatrists	Medical group of specialists	Surgical group of specialists	Country
Country	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	Country
Albania	128	430	...	35 ^d	84	...	9	43	...	...	56	5	7	...	67	5	Albania
Andorra	316 ^d	355 ^d	14 ^d	61 ^d	93 ^d	...	2 ^d	9 ^d	...	...	49 ^d	26 ^d	17 ^d	...	93 ^d	44 ^d	Andorra
Armenia	278	456	42	40	5	3	15	33	69	...	51	26	26	5	78	60	Armenia
Austria	499	787	16	57	70	40	14 ^b	55 ^b	46	27	77	16	21	16	110	97	Austria
Azerbaijan	344	605	57	26	21	3	11	3 ^b	...	...	27	42	21	4	40	50	Azerbaijan
Belarus	394	1 016	52	55	34	...	19	29	71	21 ^c	9	40	27	17	155	94	Belarus
Belgium	295	952 ^b	52 ^d	71	119	172	11	47	38	43	112	13	12	17	82	56	Belgium
Bosnia and Herzegovina	188	515	30	21	11	10	...	...	61	20	19	10	9	7	36	27	Bosnia and Herzegovina
Bulgaria	398	447	45	100	...	22	10	4	...	...	63	20	19	8	133	94	Bulgaria
Croatia	303	621	38	76	70	63	12	89	62	26	54	19	18	15	112	60	Croatia
Cyprus	322	490	28	96	22	10	0	...	...	...	...	...	...	...	...	...	Cyprus
Czech Republic	369	800	42	71	61	77	13	15	55	37	70	12	25	15	152	89	Czech Republic
Denmark	362 ^b	1 631 ^b	31 ^b	78 ^b	50 ^b	154 ^b	18	92 ^b	48 ^b	34 ^b	...	7 ^b	10 ^b	18 ^b	63 ^b	56 ^b	Denmark
Estonia	328	617	31	90	66	32	11	36	74	44	79	13	22	17	99	78	Estonia
Finland	302	1 412 ^b	42 ^b	78 ^b	127 ^b	246	12	69	57	...	...	9	11	21	62	41	Finland
France	319	967	33	66	109	127	9 ^b	40	44 ^a	46 ^a	160	12	13	23	85	47	France
Georgia	407	328	13	45	8	2	26	0	...	...	88	32	35	9	136	44	Georgia
Germany	405	1 296	24	83	64	207	12	55	45	42	67	12	20	22	94	86	Germany
Greece	619	355 ^c	23 ^c	125	106 ^c	60	14 ^d	...	41	...	31	30	26	17	192	106	Greece
Hungary	321	643	17	60	76	32	15 ^b	34	55	40	...	27 ^d	12 ^d	11 ^d	78 ^d	37 ^d	Hungary
Iceland	362	1 545	82	84	111	159	15	70 ^b	36 ^a	43 ^a	58	5	14	22	109	70	Iceland
Ireland	269	1 237	46 ^c	58	114	54	20	33	43 ^a	22 ^a	73	10	7	20	66	49	Ireland
Israel	325 ^b	482 ^b	22	68 ^b	75 ^b	...	4 ^b	16	41	50	60 ^b	31 ^b	19 ^b	16 ^d	85 ^b	54 ^b	Israel
Italy	390	614	20	67	98	94	11	23	40	49	75	29	20	18	140	94	Italy
Kazakhstan	351	747	55	38	81	4	19	61 ^d	...	...	31	38	29	5	90	45	Kazakhstan
Kyrgyzstan	189	558	40	17	6	2	25	73	65	...	30	10	17	3	63	33	Kyrgyzstan
Latvia	319	488	20	72	69 ^b	30	13	93	74	43	...	13	21	16	95	70	Latvia
Lithuania	428	755	31	91	...	102	15	18	70	38	86	27	25	22	154	102	Lithuania
Luxembourg	281	1 193	37	87	72 ^b	186	...	11	34 ^a	40 ^a	86	15	16	21	82	61	Luxembourg
Malta	346	702	42	47	111	89	20	34	39 ^a	17 ^a	80	14	13	9	68	64	Malta
Monaco	703 ^b	1 564 ^c	50 ^c	102 ^b	266 ^b	154 ^c	8 ^c	0 ^c	33 ^b	34 ^b	39 ^b	28 ^b	36 ^b	42 ^b	241 ^b	172 ^b	Monaco
Montenegro	215	512	40	4	17	...	...	...	62	...	39	27	16	11	75	41	Montenegro
Netherlands	329	840 ^d	17 ^b	52	21 ^b	192	14	38	50	25	78	9	9	22	83	41	Netherlands
Norway	431	1 667	54	87	69	229	11	72	45	27	78	14	11	23	70	50	Norway
Poland	221	521	59	32	71	60	10	35	56	...	21	13	13	9	100	52	Poland
Portugal	426	605	24	85	77	13	14	25	53	...	57	18	16	11	105	66	Portugal
Republic of Moldova	293	607	21	49	53	3	9	25	...	...	50	14	18	8	89	69	Republic of Moldova
Romania	248	565	16	67	76	4	14	96	69	24	60	12	11	9	92	47	Romania
Russian Federation	239	389	41	29	5	4	...	...	70	27	47	21	25	12	44	39	Russian Federation
San Marino	506	833	43	...	71	59	...	...	...	...	...	...	...	...	...	...	San Marino
Serbia	310 ^b	596 ^b	36 ^b	34 ^b	33 ^b	37 ^b	16 ^c	...	65 ^b	24 ^b	71 ^b	28 ^b	18 ^b	14 ^b	86 ^d	54 ^b	Serbia
Slovakia	300 ^d	575	33	50 ^d	47 ^d	32	13	63	57	36	...	20 ^d	21 ^d	12 ^b	133 ^d	71 ^d	Slovakia
Slovenia	263	827	6	65	58	52	12	78	62	26	50	26	17	12	89	53	Slovenia
Spain	381	515	18	70	112	86	10	19	50	26	75	26	12	10	76	91	Spain
Sweden	401 ^b	...	75 ^b	81 ^b	77 ^b	129 ^b	10	...	47 ^b	34 ^b	64 ^b	10 ^b	14 ^b	22 ^b	91 ^b	65 ^b	Sweden
Switzerland	405	1 739	31	52	54	...	10	84	39	33	...	19	20	49	70	74	Switzerland
Tajikistan	168	386	53	15	...	2	11	20 ^d	...	...	27	22	18	...	47	33	Tajikistan
MKD*	275	360	54	81	44	15	13 ^b	10 ^d	60	...	...	19	17	9	80	41	MKD*
Turkey	176	183	70	29	36	4	7	20 ^b	40	...	54	9	9	4	51	41	Turkey
Turkmenistan	227	434	21	12	17	2	5	5	58	...	57	7	14	6	56	43	Turkmenistan
Ukraine	350	717	40	68	4	39	10	33	61	...	39	27	28	9	135	73	Ukraine
United Kingdom	278	820	50	53	80	44	13	42	47 ^a	13 ^a	80	15	12	19	67	75	United Kingdom
Uzbekistan	238	1 036	85	16	4	1	13	174	53	...	46	26	18	4	47	32	Uzbekistan
WHO European Region	308	691	40	53	55	64	11	41	52	31 ^b	65	19	18	14	83	60	WHO European Region

* The ISO abbreviation for the former Yugoslav Republic of Macedonia

** Information on selected other types of graduate is available from the Regional Office.

... = no data available

*** The percentage of male physicians can be calculated as 100 minus the percentage of female physicians.

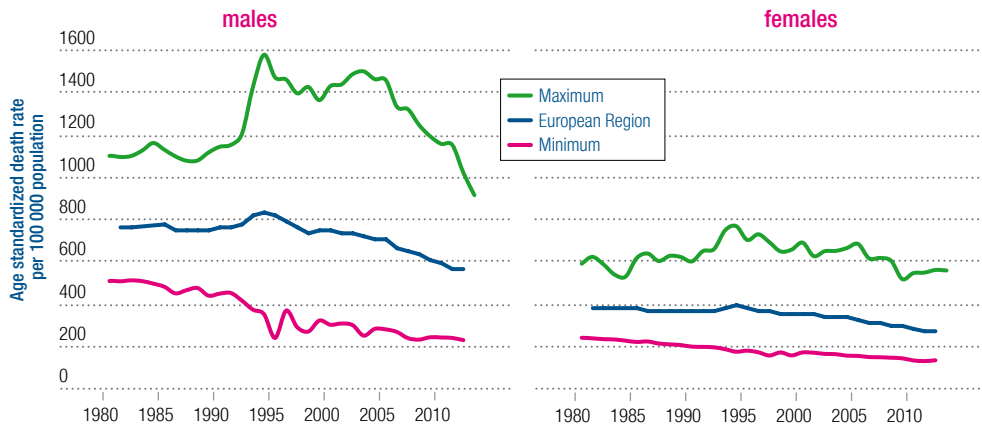
Note: ^a = 2014, ^b = 2012, ^c = 2011, ^d = 2010-2005

Selected Health 2020 indicators: trends over time and associations

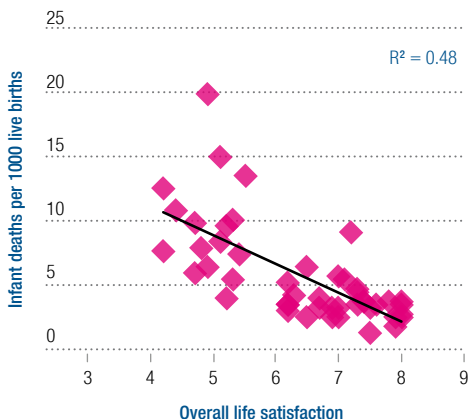
Measles vaccination coverage, 2013



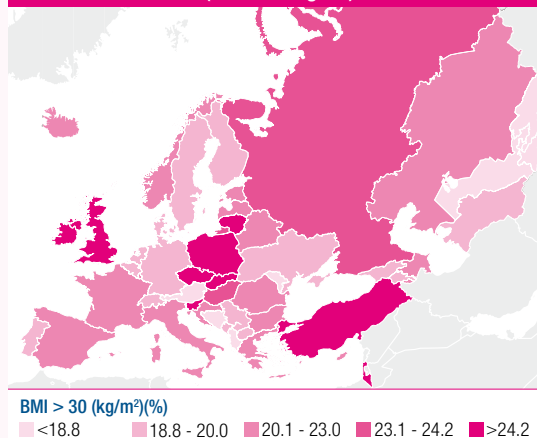
Mortality from selected noncommunicable diseases, ages 30–69 years



Association between life satisfaction and infant mortality



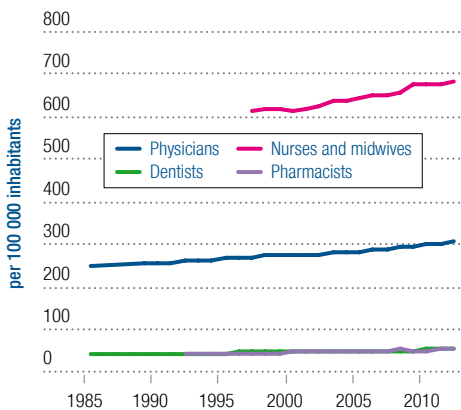
Prevalence of obesity (BMI > 30 kg/m²)



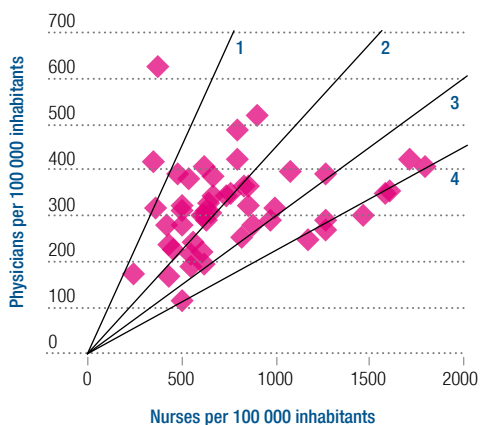
* The ISO abbreviation for the former Yugoslav Republic of Macedonia

Theme in focus – human resources for health: selected indicators in the WHO European Region

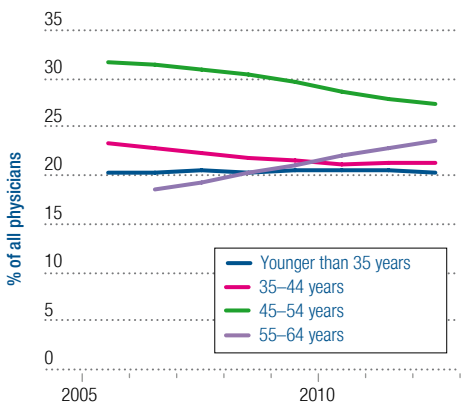
Availability of human resources for health



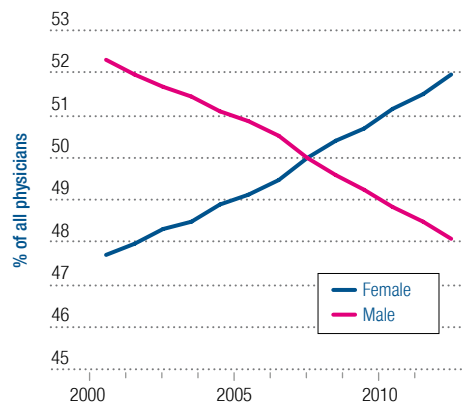
Nurse : physician ratio by country



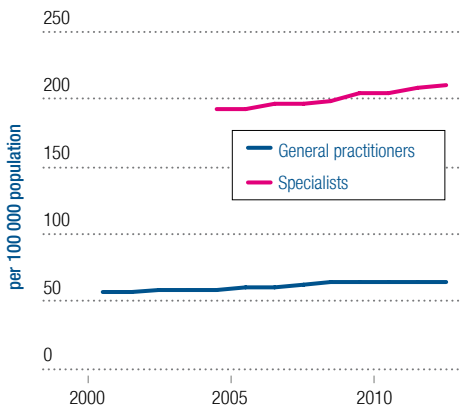
Physicians by age



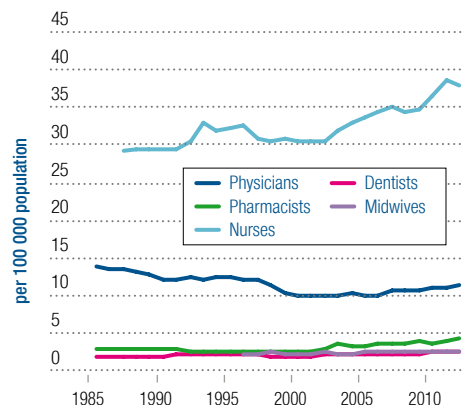
Physicians by sex



General practitioners and specialists



Graduates in selected categories of health personnel



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

Eight mortality-based indicators (life expectancy at birth and at age 65 years, disaggregated by sex, and rates for infant and maternal mortality) are presented, based on official mortality data from countries.

Cause-specific mortality rates (indicators 18–24) are age-standardized death rates, calculated using the European standard population structure.¹ Age standardization improves international comparability by removing the effects in mortality rates of differences in population age structures between countries. The proportion of

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

The bottom row in the data tables (the 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 countries' populations.

Health 2020 indicators and indicators related to the Millennium Development Goals (MDGs) are indicated as such.

Data were retrieved from the WHO European Health for All database or the European database on human and technical resources for health, unless specified otherwise in the table below. The data presented were limited to the years 2005–2014 for the sake of actuality and comparability.

Additional indicators and more detailed data can be found in the databases on the websites of the WHO Regional Office for Europe² and WHO headquarters.³

Indicator	Data source
1,2,3,4	National data reported by countries directly to WHO or, when unavailable, <i>World population prospects: the 2012 revision</i> , from the United Nations Department of Economic and Social Affairs, Population Division
3	Reports of the World Bank, the United Nations Development Programme and country statistical yearbooks
5	<i>World urbanization prospects: the 2011 revision</i> from the United Nations Department of Economic and Social Affairs, Population Division
8, 9	<i>The World Development Indicators</i> database of the World Bank
34-37	WHO estimates based on nationally reported data and data or estimates from the International Monetary Fund, the World Bank, the United Nations and OECD
39-41	The WHO <i>Global Health Observatory</i>
	Data on life satisfaction was taken from the <i>Human development report, 2011</i> , United Nations Development Programme and from the EUROSTAT database

¹ See the European mortality database [online database], technical notes. Copenhagen: WHO Regional Office for Europe; 2015 (<http://data.euro.who.int/hfamdb/help/mTechnical.htm>, accessed 15 August 2015).

² Databases [website]. Copenhagen: WHO Regional Office for Europe; 2015 (<http://www.euro.who.int/en/what-we-do/data-and-evidence/databases>, accessed 15 August 2015).

³ News and top stories [website]. Geneva: World Health Organization; 2015 (<http://www.who.int>, accessed 15 August 2015).