

**Table S1. Age-standardised prevalence (%) of raised blood pressure, 18+ years, by sex, 2014, ESC member countries**

Country	Males (%)	Females (%)	Both (%)
Albania	31.4	24.5	28.0
Armenia	29.0	24.2	26.6
Austria	23.1	14.8	18.8
Azerbaijan	27.7	24.5	26.1
Belarus	34.4	24.3	29.0
Belgium	22.5	13.3	17.8
Bosnia and Herzegovina	30.9	25.9	28.4
Bulgaria	33.4	23.7	28.4
Croatia	33.0	23.0	27.8
Cyprus	23.5	15.8	19.7
Czech Republic	33.2	21.0	27.0
Denmark	26.0	14.2	20.0
Estonia	38.3	26.0	31.7
Finland	24.5	15.4	19.9
France	26.3	16.0	21.0
Germany	24.2	14.9	19.5
Greece	21.9	15.0	18.4
Hungary	34.6	23.1	28.6
Iceland	26.1	14.0	20.1
Ireland	28.0	27.8	27.9
Israel	21.3	14.9	18.1
Italy	21.5	13.8	17.7
Kazakhstan	23.4	16.0	19.6
Kyrgyzstan	30.4	24.2	27.2
Latvia	28.8	27.1	27.9
Lithuania	36.1	24.4	29.8
Luxembourg	35.2	24.3	29.3
Malta	27.2	15.2	21.2
Montenegro	24.5	15.2	19.8
Netherlands	32.8	23.1	27.9
Norway	22.4	13.8	18.1
Poland	23.2	13.7	18.4
Portugal	33.4	23.1	28.1
Republic of Georgia	30.0	25.4	27.6
Republic of Moldova	33.9	28.2	30.9
Romania	31.8	23.2	27.4
Russian Federation	33.5	24.5	28.7
Serbia	33.2	24.9	29.0
Slovak Republic	32.5	22.4	27.3
Slovenia	33.0	23.0	28.0
Spain	23.0	15.0	19.0
Sweden	24.4	14.5	19.4
TFYR Macedonia	31.0	23.5	27.3
Switzerland	22.2	13.6	17.8
Turkey	23.0	22.9	23.0
Ukraine	33.4	25.2	29.0
United Kingdom	18.0	12.5	15.2
High Income Median	26.1	15.3	20.1
High Income Mean	27.3	18.3	22.7
High Income Min	18.0	12.5	15.2
High Income Max	38.3	27.8	31.7
Middle Income Median	31.0	24.3	27.6
Middle Income Mean	30.3	23.5	26.8
Middle income Min	23.0	15.2	19.6
Middle Income Max	34.4	28.2	30.9
Total Median	28.8	23.0	27.0
Total Mean	28.4	20.2	24.2
Total Min	18.0	12.5	15.2
Total Max	38.3	28.2	31.7

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>

**Notes:** Data are age-standardised to the WHO standard population.

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S2. Mean systolic blood pressure (mmHg) 18+ years, by sex, 2014, ESC member countries**

	Males (mmHg)	Females (mmHg)
Albania	136.0	129.6
Armenia	133.9	129.6
Austria	127.4	119.3
Azerbaijan	130.0	125.4
Belarus	136.2	126.3
Belgium	127.0	116.5
Bosnia and Herzegovina	133.1	128.4
Bulgaria	134.1	125.3
Croatia	133.0	123.2
Cyprus	126.8	118.0
Czech Republic	131.2	120.6
Denmark	127.3	116.8
Estonia	137.6	125.6
Finland	127.4	120.1
France	125.7	115.2
Germany	126.9	118.6
Greece	124.0	116.0
Hungary	134.7	124.1
Iceland	126.6	116.0
Ireland	128.6	118.3
Israel	123.9	116.6
Italy	126.7	118.9
Kazakhstan	132.0	124.9
Kyrgyzstan	131.3	126.3
Latvia	136.5	126.0
Lithuania	136.9	125.9
Luxembourg	129.4	119.5
Malta	128.2	119.7
Montenegro	134.3	125.1
Netherlands	127.5	117.4
Norway	128.8	119.6
Poland	136.0	125.8
Portugal	128.1	120.8
Republic of Georgia	134.3	127.5
Republic of Moldova	135.5	129.9
Romania	132.2	123.1
Russian Federation	131.5	124.8
Serbia	131.1	126.7
Slovak Republic	137.6	120.9
Slovenia	134.8	124.5
Spain	127.2	116.8
Sweden	128.7	119.3
Switzerland	125.3	115.6
TFYR Macedonia	133.5	125.7
Turkey	120.6	121.1
Ukraine	135.5	128.5
United Kingdom	125.3	117.4
High Income Median	127.8	119.3
High Income Mean	129.5	119.8
High Income Min	123.9	115.2
High Income Max	137.6	126.0
Middle Income Median	133.5	126.3
Middle Income Mean	132.7	126.4
Middle Income Min	120.6	121.1
Middle Income Max	136.2	129.9
Total Median	131.1	121.1
Total Mean	130.6	122.2
Total Min	120.6	115.2
Total Max	137.6	129.9

**Source:** ESC Atlas of Cardiology based on data from WHO Global Health Observatory

<http://www.who.int/gho/database/en/>

**Data Unavailable:** Algeria, Egypt, Lebanon, Libya, Republic of Kosovo, Morocco, Republic of San Marino, Syrian Arab Republic, Tunisia

**Table S3. Age-standardised mean total blood cholesterol concentration (mmol/L), 25+ years, by sex, 2009, ESC countries**

	Males (mmol/l)	Females (mmol/l)
Albania	4.9	4.9
Armenia	4.7	4.8
Austria	5.3	5.3
Azerbaijan	4.5	4.7
Belarus	5.0	5.1
Belgium	5.4	5.3
Bosnia and Herzegovina	4.7	4.8
Bulgaria	5.0	5.0
Croatia	5.0	5.0
Cyprus	5.2	5.2
Czech Republic	5.1	5.1
Denmark	5.5	5.4
Estonia	5.2	5.2
Finland	5.2	5.3
France	5.3	5.3
Germany	5.5	5.3
Greece	5.0	4.9
Hungary	5.1	5.2
Iceland	5.6	5.6
Ireland	5.4	5.3
Israel	5.0	5.2
Italy	5.3	5.4
Kazakhstan	4.9	4.9
Kyrgyzstan	4.4	4.5
Latvia	5.1	5.2
Lithuania	5.1	5.1
Luxembourg	5.5	5.5
Malta	5.3	5.2
Montenegro	4.9	5.0
Netherlands	5.3	5.3
Norway	5.4	5.3
Poland	5.3	5.1
Portugal	5.2	5.2
Republic of Georgia	4.6	4.7
Republic of Moldova	4.6	4.7
Romania	4.9	4.9
Russian Federation	4.9	5.1
Serbia	4.9	5.1
Slovak Republic	5.1	5.1
Slovenia	5.2	5.2
Spain	5.2	5.1
Sweden	5.1	4.9
Switzerland	5.3	5.2
TFYR Macedonia	4.8	4.9
Turkey	4.7	4.8
Ukraine	4.8	4.9
United Kingdom	5.4	5.4
High Income Median	5.3	5.2
High Income Mean	5.3	5.2
High Income Min	5.0	4.9
High Income Max	5.6	5.6
Middle Income Median	4.8	4.9
Middle Income Mean	4.8	4.9
Middle Income Min	4.4	4.5
Middle Income Max	5.0	5.1
Total Median	5.1	5.1
Total Mean	5.1	5.1
Total Min	4.4	4.5
Total Max	5.6	5.6

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>.

**Notes:** Data are age-standardised to the WHO standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S4. Age-standardised prevalence of raised blood cholesterol, 25+ years, by sex, 2008, ESC member countries**

	cholesterol ( $\geq 5.0$ mmol/L)			cholesterol ( $\geq 6.2$ mmol/L)		
	Males (%)	Females (%)	Both (%)	Males (%)	Females (%)	Both (%)
Albania	46.3	44.3	45.3	11.3	12.6	12.0
Armenia	39.6	41.5	40.8	8.9	11.0	10.1
Austria	61.3	57.7	59.7	19.6	18.9	19.4
Azerbaijan	33.1	36.0	34.8	6.7	8.7	7.8
Belarus	50.5	50.8	51.1	13.9	15.8	15.3
Belgium	64.6	59.9	62.4	22.2	20.8	21.6
Bosnia and Herzegovina	38.5	39.5	39.2	8.5	10.1	9.4
Bulgaria	50.3	49.0	49.9	13.5	14.5	14.2
Croatia	49.4	49.7	49.8	13.1	14.9	14.3
Cyprus	58.7	55.5	57.1	17.8	17.7	17.7
Czech Republic	54.4	52.7	53.9	14.7	15.7	15.5
Denmark	68.3	61.8	65.2	26.0	24.6	25.5
Estonia	56.0	56.7	56.7	17.0	19.3	18.5
Finland	57.5	59.3	59.0	16.4	21.7	19.7
France	63.5	60.2	62.0	20.2	20.7	20.6
Germany	69.6	61.4	65.6	27.1	21.9	24.6
Greece	50.1	45.9	48.2	12.7	12.8	12.8
Hungary	55.4	54.0	55.2	16.5	18.5	17.9
Iceland	72.5	67.0	69.8	30.2	27.7	29.1
Ireland	65.5	59.5	62.6	22.9	20.4	21.7
Israel	51.8	54.8	53.5	13.3	15.5	14.5
Italy	62.3	61.6	62.2	19.0	20.8	20.1
Kazakhstan	45.0	45.6	45.7	11.0	12.9	12.3
Kyrgyzstan	28.3	31.2	30.1	5.3	7.0	6.3
Latvia	55.3	55.2	55.7	16.6	18.6	18.0
Lithuania	54.9	54.0	54.8	16.1	17.2	17.0
Luxembourg	69.5	64.1	66.9	26.5	24.3	25.6
Malta	60.7	56.9	59.0	19.2	18.9	19.2
Montenegro	48.4	47.9	48.3	12.6	13.9	13.4
Netherlands	62.5	58.2	60.5	20.4	19.6	20.1
Norway	64.2	59.3	61.9	21.8	20.3	21.2
Poland	59.9	53.8	57.1	18.3	16.5	17.6
Portugal	57.2	54.3	55.9	16.7	16.5	16.7
Republic of Georgia	35.6	38.0	37.1	7.5	9.5	8.7
Republic of Moldova	35.2	36.9	36.5	7.5	9.3	8.6
Romania	46.0	45.2	45.8	11.4	12.6	12.1
Russian Federation	47.3	52.1	50.6	12.3	17.1	15.4
Serbia	47.4	52.0	49.8	11.9	14.9	13.5
Slovak Republic	52.7	51.7	52.5	14.8	16.1	15.7
Slovenia	56.8	55.3	56.3	17.3	18.4	18.1
Spain	58.9	52.9	56.1	17.1	15.4	16.4
Sweden	56.1	47.0	51.8	16.3	13.2	14.8
Switzerland	61.1	56.9	59.2	18.7	18.5	18.8
TFYR Macedonia	42.4	43.7	43.2	10.0	11.8	11.0
Turkey	38.1	41.0	39.7	7.8	10.0	9.0
Ukraine	43.1	44.7	44.4	10.4	12.7	11.9
United Kingdom	65.2	61.3	63.4	21.6	21.3	21.7
High Income Median	59.4	56.8	58.1	18.1	18.8	18.7
High Income Mean	59.9	56.6	58.5	19.0	18.9	19.1
High Income Min	49.4	45.9	48.2	12.7	12.8	12.8
High Income Max	72.5	67.0	69.8	30.2	27.7	29.1
Middle Income Median	43.1	44.3	44.4	10.4	12.6	11.9
Middle Income Mean	42.1	43.5	43.1	10.0	12.0	11.2
Middle Income Min	28.3	31.2	30.1	5.3	7.0	6.3
Middle Income Max	50.5	52.1	51.1	13.9	17.1	15.4
Total Median	55.3	53.8	54.8	16.3	16.5	16.4
Total Mean	53.4	51.9	52.9	15.8	16.4	16.3
Total Min	28.3	31.2	30.1	5.3	7.0	6.3
Total Max	72.5	67.0	69.8	30.2	27.7	29.1

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>

**Notes:** Data are age-standardised to the WHO standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S5. Prevalence of diabetes, 2014, ESC member countries**

	%
Albania	2.6
Algeria	7.3
Armenia	2.6
Austria	6.3
Azerbaijan	2.6
Belarus	5.1
Belgium	4.7
Bosnia and Herzegovina	9.6
Bulgaria	5.0
Croatia	5.5
Cyprus	9.3
Czech Republic	6.6
Denmark	6.1
Egypt	16.6
Estonia	5.7
Finland	5.8
France	5.2
Germany	7.9
Greece	4.8
Hungary	5.9
Iceland	3.2
Ireland	5.4
Israel	5.5
Italy	4.9
Kazakhstan	5.0
Kyrgyzstan	6.3
Latvia	5.0
Lebanon	14.9
Libya	9.8
Lithuania	3.8
Luxembourg	4.5
Malta	7.3
Montenegro	9.8
Morocco	7.9
Netherlands	5.0
Norway	5.2
Poland	5.6
Portugal	9.6
Republic of Georgia	2.6
Republic of Moldova	2.5
Republic of San Marino	5.4
Romania	8.0
Russian Federation	5.0
Serbia	9.8
Slovak Republic	7.2
Slovenia	7.2
Spain	7.9
Sweden	4.5
Switzerland	5.6
Syrian Arab Republic	8.8
TFYR Macedonia	9.8
Tunisia	9.4
Turkey	14.8
Ukraine	2.6
United Kingdom	3.9
High Income Median	5.5
High Income Mean	5.8
High Income Min	3.2
High Income Max	9.6
Middle Income Median	7.6
Middle Income Mean	7.4
Middle Income Min	2.5
Middle Income Max	16.6
Total Median	5.6
Total Mean	6.5
Total Min	2.5
Total Max	16.6

Source: World Bank (WB) <http://data.worldbank.org/indicator>

Note: Missing data: Republic of Kosovo

**Table S6. Age-standardised prevalence of raised blood glucose, 18+ years, by sex, 2014, ESC member countries**

	Males (%)	Females (%)
Albania	7.7	7.1
Armenia	11.0	12.0
Austria	5.4	3.2
Azerbaijan	11.6	13.0
Belarus	8.0	7.5
Belgium	5.7	3.5
Bosnia and Herzegovina	8.0	6.9
Bulgaria	8.4	6.9
Croatia	8.4	6.3
Cyprus	8.3	5.7
Czech Republic	8.4	6.6
Denmark	5.4	3.3
Estonia	7.7	6.5
Finland	6.4	4.3
France	7.5	4.4
Germany	6.0	3.9
Greece	7.2	6.0
Hungary	8.9	6.7
Iceland	7.6	4.2
Ireland	7.3	5.1
Israel	7.1	5.8
Italy	7.1	4.6
Kazakhstan	12.4	11.4
Kyrgyzstan	9.9	10.8
Latvia	7.8	6.6
Lithuania	8.9	7.1
Luxembourg	7.0	3.9
Malta	9.0	6.4
Montenegro	7.6	6.6
Netherlands	5.2	3.5
Norway	6.2	3.9
Poland	8.4	7.0
Portugal	8.4	5.3
Republic of Georgia	13.3	12.1
Republic of Moldova	7.8	8.4
Romania	7.3	6.4
Russian Federation	7.4	8.0
Serbia	7.3	6.5
Slovak Republic	8.2	6.3
Slovenia	7.3	7.0
Spain	8.5	5.7
Sweden	5.8	4.0
Switzerland	5.3	2.8
TFYR Macedonia	7.6	6.8
Turkey	13.0	14.2
Ukraine	7.4	7.2
United Kingdom	6.6	4.9
High Income Median	7.3	5.2
High Income Mean	7.2	5.2
High Income Min	5.2	2.8
High Income Max	9.0	7.1
Middle Income Median	8.0	7.5
Middle Income Mean	9.2	8.9
Middle Income Min	7.3	6.4
Middle Income Max	13.3	14.2
Total Median	7.6	6.4
Total Mean	7.9	6.5
Total Min	5.2	2.8
Total Max	13.3	14.2

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>

**Notes:** Data are age-standardised to the WHO standard population;

**Data Unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S7. Prevalence of diabetes (%) 1995/99 and 2014 in selected ESC member countries**

	1995-99	2005-08	2014
Armenia	1.1	1.3	2.2
Azerbaijan	0.5	0.9	2.2
Belarus	1.2	1.9	3.0
Belgium	2.9	5.0	6.0
Bosnia and Herzegovina	1.3	1.5	2.9
Czech Republic	5.8	7.3	8.2
Finland	2.3	3.5	5.5
France	2.8	4.1	4.6
Republic of Georgia	1.1	1.4	2.2
Israel	3.0	4.1	5.9
Italy	3.7	4.6	5.5
Kazakhstan	0.6	1.0	1.5
Kyrgyzstan	0.4	0.5	0.8
Latvia	1.1	2.7	4.3
Lithuania	1.2	1.9	3.4
Netherlands	2.0		4.6
Norway	2.0	4.0	4.6
Portugal	4.8	6.5	9.5
Republic of Moldova	0.9	1.4	2.4
Romania	1.1	2.7	3.3
Russian Federation	1.3	2.0	2.8
Slovakia	4.2	5.7	6.3
TFYR Macedonia	0.8	1.4	2.9
Ukraine	1.8	2.4	3.1
High Income Median	2.9	4.1	5.5
High Income Mean	3.1	4.5	5.8
High Income Min	1.1	1.9	3.4
High Income Max	5.8	7.3	9.5
Middle Income Median	1.1	1.4	2.6
Middle Income Mean	1.0	1.5	2.4
Middle Income Min	0.4	0.5	0.8
Middle Income Max	1.8	2.7	3.3
Total Median	1.3	2.4	3.3
Total Mean	2.0	2.9	4.1
Total Min	0.4	0.5	0.8
Total Max	5.8	7.3	9.5

**Source:** ESC Atlas of Cardiology based on data from WHO Europe. Health for All Database (HFA-DB)  
<http://data.euro.who.int/hfad/>.

**Notes.** Data are presented for countries in which near complete datasets were available for the specified time points.

**Table S8. Age-standardised mean body mass index (BMI (kg/m<sup>2</sup>)), 18+ years, by sex, 2014, ESC member countries**

	Males BMI (kg/m <sup>2</sup> )	Females BMI (kg/m <sup>2</sup> )
Albania	26.6	25.6
Armenia	25.9	27.4
Austria	26.5	24.4
Azerbaijan	26.6	28.1
Belarus	27.1	26.2
Belgium	26.2	24.7
Bosnia and Herzegovina	26.5	25.7
Bulgaria	26.7	25.3
Croatia	26.5	24.6
Cyprus	27.6	26.3
Czech Republic	27.8	26.0
Denmark	26.0	24.5
Estonia	27.0	24.3
Finland	26.5	25.3
France	26.1	24.6
Germany	27.0	25.6
Greece	27.4	27.2
Hungary	27.5	25.2
Iceland	26.7	25.1
Ireland	27.9	27.1
Israel	26.3	26.2
Italy	26.8	25.2
Kazakhstan	27.4	27.5
Kyrgyzstan	25.6	26.8
Latvia	26.8	25.1
Lithuania	27.3	26.0
Luxembourg	27.6	25.5
Malta	27.5	26.8
Montenegro	26.5	25.5
Netherlands	25.9	25.0
Norway	26.9	25.2
Poland	27.0	25.7
Portugal	26.7	25.7
Republic of Georgia	27.2	27.3
Republic of Moldova	26.3	27.1
Romania	25.7	24.9
Russian Federation	26.1	26.8
Serbia	26.4	25.2
Slovak Republic	27.4	25.7
Slovenia	27.5	26.3
Spain	27.4	26.0
Sweden	26.7	24.9
Switzerland	26.7	23.8
TFYR Macedonia	26.4	25.3
Turkey	27.1	28.5
Ukraine	26.4	25.8
United Kingdom	27.5	27.1
High Income Median	27.0	25.4
High Income Mean	27.0	25.5
High Income Min	25.9	23.8
High Income Max	27.9	27.2
Middle Income Median	26.5	26.2
Middle Income Mean	26.5	26.4
Middle Income Min	25.6	24.9
Middle Income Max	27.4	28.5
Total Median	26.7	25.7
Total Mean	26.8	25.8
Total Min	25.6	23.8
Total Max	27.9	28.5

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>

**Notes:** Data age standardised to the WHO standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

Table S9. Age-standardised prevalence of overweight and obesity, 18+ years, by sex, 2014, ESC member countries

	Males (%)		Females (%)	
	Overweight	Obese	Overweight	Obese
Albania	57.5	16.5	47.9	18.7
Armenia	56.3	17.2	54.7	22.0
Austria	61.1	20.5	45.4	16.3
Azerbaijan	57.4	19.0	58.7	26.1
Belarus	61.2	21.0	55.2	25.5
Belgium	65.7	22.3	48.4	18.2
Bosnia and Herzegovina	55.4	16.3	48.5	19.4
Bulgaria	64.1	21.8	54.4	24.5
Croatia	64.4	22.5	53.6	24.1
Cyprus	63.6	21.9	56.9	25.7
Czech Republic	69.6	26.2	57.3	27.3
Denmark	64.4	21.7	46.2	17.0
Estonia	61.7	22.2	52.3	22.9
Finland	62.1	21.6	48.6	19.6
France	67.1	23.8	54.7	24.0
Germany	62.7	21.9	47.2	18.5
Greece	65.8	21.9	55.2	23.8
Hungary	66.6	24.0	53.3	23.9
Iceland	65.2	24.1	50.5	21.5
Ireland	66.2	25.9	54.6	25.3
Israel	68.2	23.5	59.0	27.0
Italy	64.3	20.4	53.7	21.6
Kazakhstan	60.5	21.6	57.1	25.0
Kyrgyzstan	45.2	11.5	49.1	17.3
Latvia	62.0	22.0	54.5	25.1
Lithuania	62.6	23.1	57.9	28.3
Luxembourg	67.8	26.6	48.3	19.7
Malta	68.5	24.6	59.6	28.5
Montenegro	61.7	19.3	50.1	20.7
Netherlands	63.6	21.4	48.2	18.3
Norway	65.2	24.6	51.8	21.7
Poland	65.8	23.5	56.7	26.7
Portugal	61.4	19.8	50.2	20.3
Republic of Georgia	54.3	17.2	56.0	24.0
Republic of Moldova	46.4	11.4	46.7	17.9
Romania	62.7	20.5	52.7	22.7
Russian Federation	60.9	20.3	56.8	27.4
Serbia	59.9	18.6	49.2	20.5
Slovak Republic	66.1	24.6	56.2	26.7
Slovenia	66.1	24.6	55.1	25.5
Spain	66.2	22.8	55.7	24.7
Sweden	63.1	22.5	48.8	18.6
Switzerland	63.3	22.3	46.4	16.5
TFYR Macedonia	59.8	18.3	50.5	20.9
Turkey	64.1	22.9	68.5	35.8
Ukraine	56.3	17.1	52.4	22.6
United Kingdom	68.1	26.9	58.8	29.2
High Income Median	65.2	22.7	53.7	23.9
High Income Mean	65.0	23.1	52.8	22.9
High Income Min	61.1	19.8	45.4	16.3
High Income Max	69.6	26.9	59.6	29.2
Middle Income Median	59.8	18.6	52.7	22.6
Middle Income Mean	57.9	18.3	53.4	23.0
Middle Income Min	45.2	11.4	46.7	17.3
Middle Income Max	64.1	22.9	68.5	35.8
Total Median	63.3	21.9	53.6	22.9
Total Mean	62.4	21.4	53.1	22.9
Total Min	45.2	11.4	45.4	16.3
Total Max	69.6	26.9	68.5	35.8

**Source:** WHO Europe. Health for All Database (HFA-DB) <http://data.euro.who.int/hfad/>

**Notes:** Data were age standardised to the WHO standard population

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S10. Prevalence of overweight or obesity among children, 11, 13 and 15 years, by sex, 2013/14, ESC member countries**

	11-year olds (%)			13-year olds (%)			15-year olds (%)		
	Boys	Girls	Both	Boys	Girls	Both	Boys	Girls	Both
Albania	17	10	14	12	5	8	11	4	7
Armenia*	20	16	18	20	10	15	14	6	9
Austria	14	13	13	18	12	15	16	9	12
Belgium (Flemish)	11	11	11	13	11	12	15	11	13
Belgium (French)*	13	12	12	16	13	14	17	13	15
Bulgaria	25	16	20	21	12	17	24	11	18
Croatia	23	14	18	20	11	15	21	8	15
Czech Republic	19	12	15	20	10	14	19	11	15
Denmark	9	7	8	8	8	8	10	9	10
England*	17	15	16	21	9	15	16	12	14
Estonia	19	13	16	15	13	14	19	9	14
Finland	16	13	14	20	11	15	20	14	17
France	12	13	12	14	9	11	14	10	12
Germany	11	8	10	15	10	13	20	12	16
Greece	25	22	23	22	15	18	28	15	21
Hungary	21	11	16	19	12	16	20	12	16
Iceland	14	11	12	17	12	15	20	16	18
Ireland*	5	29	17	12	15	14	18	13	15
Israel*	17	11	14	16	11	13	21	13	17
Italy	22	17	20	23	15	19	22	9	15
Latvia	20	15	17	17	14	16	16	9	12
Lithuania*	17	11	14	14	7	10	14	7	11
Luxembourg	13	11	12	18	11	15	17	13	15
Malta*	28	28	28	26	27	27	29	25	27
Netherlands	10	7	8	11	9	10	21	12	16
Norway	11	7	9	14	8	11	13	12	12
Poland	21	16	19	19	10	15	18	7	13
Portugal	22	15	18	21	18	19	19	6	12
Republic of Moldova	10	9	9	13	11	12	17	14	16
Romania*	24	11	18	18	8	13	13	7	10
Russian Federation	20	14	17	17	10	13	18	9	13
Scotland*	15	13	14	18	15	17	20	6	12
Slovak Republic	20	14	17	19	10	14	16	11	14
Slovenia	20	17	18	22	12	17	17	9	13
Spain	22	16	19	20	14	17	21	13	17
Sweden	12	10	11	15	11	13	20	13	16
Switzerland	10	9	9	13	7	10	20	13	16
TFYR Macedonia	29	14	22	23	14	18	15	9	12
Ukraine	12	8	10	14	8	11	13	6	9
UK (Wales)*	20	20	20	19	13	16	23	16	20
High Income Median	17	13	15	18	11	15	19	12	15
High Income Mean	17	14	15	17	12	15	19	12	15
High Income Min	5	7	8	8	7	8	10	6	10
High Income Max	28	29	28	26	27	27	29	25	27
Middle Income Median	20	13	18	18	10	13	15	8	11
Middle Income Mean	20	12	16	17	10	13	16	8	12
Middle Income Min	10	8	9	12	5	8	11	4	7
Middle Income Max	29	16	22	23	14	18	24	14	18
Total Median	17	13	16	18	11	15	18	11	15
Total Mean	17	13	15	17	12	14	18	11	14
Total Min	5	7	8	8	5	8	10	4	7
Total Max	29	29	28	26	27	27	29	25	27

**Source:** HBSC Survey 2014/15 <http://www.hbsc.org/publications/international/>

**Notes:** The analysis uses the international BMI standards for young people adopted by the International Obesity Task Force (IOTF).

**Data unavailable** Cyprus, Bosnia Herzegovina, Republic of Kosovo, Republic of San Marino, Montenegro, Serbia, Turkey, Azerbaijan, Kazakhstan, Belarus, Republic of Georgia, Kyrgyzstan, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S11. Prevalence of smoking, 15+ years, by sex, latest year, ESC member countries**

	Males (%)	Year	Females (%)	Year
Albania	41.7	2015	6.2	2015
Armenia	48.7	2015	1.3	2014
Austria	26.5	2015	22.1	2015
Azerbaijan	35.5	2015		
Belarus	45.8	2014	9.3	2014
Belgium	22.0	2013	16.0	2013
Bosnia and Herzegovina	17.6	2014	11.3	2014
Bulgaria	46.6	2007	32.7	2007
Croatia	31.8	2014	23.4	2014
Cyprus	39.2	2008	14.3	2008
Czech Republic	26.4	2014	18.5	2014
Denmark	16.0	2015	17.0	2015
Estonia	31.4	2014	15.8	2014
Finland	17.2	2014	14.0	2014
France	32.9	2014	24.6	2014
Germany	25.1	2013	17.1	2013
Greece	38.0	2009	26.1	2009
Hungary	31.5	2014	20.8	2014
Iceland	10.2	2015	10.7	2015
Ireland	24.0	2015	21.0	2015
Israel	26.0	2014	13.6	2014
Italy	24.8	2015	15.1	2015
Kazakhstan	40.7	2004	8.8	2004
Kyrgyzstan	41.4	2005	1.7	2005
Latvia	51.8	2013	21.0	2014
Lithuania	33.9	2013	9.2	2014
Luxembourg	23.0	2014	18.0	2015
Malta	25.6	2009	15.8	2009
Montenegro	35.0	2012	27.0	2012
Netherlands	21.7	2014	16.7	2014
Norway	13.0	2015	13.0	2015
Poland	33.5	2009	21.0	2009
Portugal	23.5	2013	10.9	2014
Republic of Georgia	51.1	2010	4.0	2010
Republic of Moldova	51.1	2006	7.1	2006
Romania	37.4	2011	16.7	2011
Russian Federation	55.0	2009	16.3	2009
Serbia	32.6	2013	26.0	2013
Slovak Republic	26.9	2009	12.4	2009
Slovenia	21.8	2013	16.0	2014
Spain	27.6	2013	18.6	2014
Sweden	11.7	2013	12.1	2014
Switzerland	23.0	2012	17.8	2012
TFYR Macedonia	40.0	1999	32.0	1999
Turkey	37.3	2012	10.7	2012
Ukraine	44.7	2010	5.7	2010
United Kingdom	20.0	2013	17.0	2014
High Income Median	25.4		16.9	
High Income Mean	26.0		17.0	
High Income Min	10.2		9.2	
High Income Max	51.8		26.1	
Middle Income Median	41.4		10.0	
Middle Income Mean	41.3		13.6	
Middle Income Min	17.6		1.3	
Middle Income Max	55.0		32.7	
Total Median	31.5		16.0	
Total Mean	31.5		15.8	
Total Min	10.2		1.3	
Total Max	55.0		32.7	

**Source:** WHO Europe, Health for All Database (HFA-DB) <http://data.euro.who.int/hfad/>

**Notes:** Specific definitions of smoking and frequency of smoking differ for individual countries; refer to the original source for details; where years are given in five year ranges, the figures are averages over the period;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S12. Paired prevalence of smoking, 15+ years, by sex, 1995-00 to 2013-4, selected ESC member countries**

	<i>Males</i>			<i>Females</i>		
	1995-00	2005-08	2013-14	1995-00	2005-08	2013-14
Albania	60.1	58.8		18.3	11.5	8.0
Armenia	63.7	54.7	48.7	1.2	1.6	1.3
Austria	38.9	27.3	26.5	22.6	19.4	22.1
Belarus	54.3	52.8	45.8	4.5	8.7	9.3
Belgium	31.8	25.0	22.0	24.0	19.0	16.0
Croatia	34.1		31.8	31.6		23.4
Czech Republic	31.5	29.6	26.4	18.8	14.0	18.5
Denmark	35.4	28.0	17.0	30.6	21.0	17.0
Estonia	44.3	40.5	31.4	20.1	17.1	15.8
Finland	28.6	25.8	17.2	19.6	16.6	14.0
France	35.0	31.4	32.9	21.0	23.0	24.6
Germany	31.1	27.9	25.0	18.4	18.8	17.1
Hungary	45.0		31.5	24.5		20.8
Iceland	26.5	20.7	13.6	26.4	21.7	13.7
Ireland	32.5	31.0	24.0	30.0	27.0	21.0
Israel	31.8	32.3	26.0	25.0	16.0	13.6
Italy	33.8	28.6	24.9	17.5	16.6	14.9
Latvia	51.1	46.6	51.8	15.7	15.6	21.0
Lithuania	47.9	43.4	33.9	11.0	13.9	9.2
Luxembourg	33.5	28.0	24.0	27.5	22.0	18.0
Netherlands	38.9	25.4	21.7	31.4	21.0	16.7
Norway	33.4	21.0	14.0	32.3	23.0	13.0
Portugal	32.8	27.2	23.5	8.6	11.0	10.9
Serbia	40.6	30.7	32.6	26.1	22.6	26.0
Slovenia	31.6	22.4	21.8	20.4	15.5	16.0
Spain	42.8	31.6	27.6	24.7	21.5	18.6
Sweden	19.2	12.9	11.7	21.9	15.2	12.1
United Kingdom	28.7	22.0	20.0	26.7	20.0	17.0
High Income Median	33.5	28.0	24.5	23.3	18.9	16.9
High Income Mean	35.0	28.6	25.0	22.9	18.6	16.9
High Income Min	19.2	12.9	11.7	8.6	11.0	9.2
High Income Max	51.1	46.6	51.8	32.3	27.0	24.6
Middle Income Median	57.2	53.8	45.8	11.4	10.1	8.7
Middle Income Mean	54.7	49.3	42.4	12.5	11.1	11.2
Middle Income Min	40.6	30.7	32.6	1.2	1.6	1.3
Middle Income Max	63.7	58.8	48.7	26.1	22.6	26.0
Total Median	33.9	28.3	25.0	22.2	18.0	16.4
Total Mean	37.8	31.8	26.9	21.4	17.4	16.1
Total Min	19.2	12.9	11.7	1.2	1.6	1.3
Total Max	63.7	58.8	51.8	32.3	27.0	26.0

**Source:** WHO Europe, Health for All Database (HFA-DB) <http://data.euro.who.int/hfad/>

**Notes:** Data are presented for countries in which complete datasets (male or female) were available for the specified time points. Data are derived from health surveys and are self-reported; specific definitions of smoking and frequency of smoking differ for individual countries; refer to the original source for details.

**Table S13. Prevalence of weekly smoking, 15-year olds, by sex, 2010/02 to 2013/14, ESC member countries**

	Boys (%)		Girls (%)	
	2001-2	2013-4	2001-2	2013-4
Armenia		5.0		1.0
Austria	26.1	15.0	37.1	14.0
Belgium (Flemish)	23.1	10.0	23.3	10.0
Belgium (French)	21.5	12.0	23.8	11.0
Bulgaria		30.0		21.0
Croatia	23.2	25.0	24.9	21.0
Czech Republic	28.7	11.0	30.6	16.0
Denmark	16.7	7.0	21.0	8.0
Estonia	30.4	13.0	18.2	11.0
Finland	28.3	15.0	32.2	11.0
France	26.0	18.0	26.7	20.0
Germany	32.2	13.0	33.7	15.0
Greece	13.5	16.0	14.1	13.0
Hungary	28.2	20.0	25.8	21.0
Iceland		3.0		3.0
Ireland	19.5	8.0	20.5	8.0
Israel	16.9	17.0	11.6	6.0
Italy	21.8	20.0	24.9	22.0
Latvia	28.9	15.0	21.1	13.0
Lithuania	34.9	20.0	17.9	12.0
Luxembourg		13.0		18.0
Malta	16.9	11.0	17.4	12.0
Netherlands	22.5	11.0	24.3	11.0
Norway	20.1	5.0	26.6	3.0
Poland	26.3	15.0	17.0	15.0
Portugal	17.6	12.0	26.2	10.0
Romania		20.0		17.0
Russian Federation	27.4	17.0	18.5	10.0
Slovak Republic		16.0		18.0
Slovenia	29.5	15.0	29.7	12.0
Spain	23.6	8.0	32.3	10.0
Sweden	11.1	6.0	19.0	7.0
Switzerland	25.4	11.0	24.1	9.0
TFYR Macedonia	14.6	11.0	12.7	9.0
Ukraine	44.6	15.0	22.8	9.0
High Income Median	23.2	13.0	24.3	11.5
High Income Mean	23.5	12.9	24.1	12.3
High Income Min	11.1	3.0	11.6	3.0
High Income Max	34.9	25.0	37.1	22.0
Middle Income Median	27.4	16.0	18.5	9.5
Middle Income Mean	28.9	16.3	18.0	11.2
Middle Income Min	14.6	5.0	12.7	1.0
Middle Income Max	44.6	30.0	22.8	21.0
Total Median	23.4	13.0	24.0	11.0
Total Mean	24.0	13.5	23.5	12.1
Total Min	11.1	3.0	11.6	1.0
Total Max	44.6	30.0	37.1	22.0

**Source:** WHO Europe, <http://www.euro.who.int/en/publications/abstracts/growing-up-unequal.-hbsc-2016-study-20132014-survey>;

[http://www.who.int/immunization/hpv/target/young\\_peoples\\_health\\_in\\_context\\_who\\_2011\\_2012.pdf](http://www.who.int/immunization/hpv/target/young_peoples_health_in_context_who_2011_2012.pdf)

**Notes:** Weekly smoking is defined as smoking at least once a week. Data collected using representative national samples of schoolchildren, with the exception of France, Germany and the Russian Federation, where regional samples were drawn;

**Data unavailable:** Albania, Cyprus, Bosnia Herzegovina, Republic of Kosovo, Republic of San Marino, Montenegro, Serbia, Turkey, Azerbaijan, Kazakhstan, Belarus, Republic of Georgia , Kyrgyzstan, Republic of Moldova, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia.

**Table S14. Alcohol consumption, litres per capita per year, 15+ years, latest year, ESC member countries**

	Litres/capita	Year
Albania	4.5	2014
Armenia	3.9	2014
Austria	12.3	2014
Azerbaijan	2.1	2013
Belarus	13.9	2014
Belgium	12.6	2014
Bosnia and Herzegovina	4.0	2014
Bulgaria	12.0	2014
Croatia	12.1	2014
Cyprus	9.0	2013
Czech Republic	12.7	2014
Denmark	9.6	2014
Estonia	11.6	2011
Finland	8.8	2014
France	11.5	2014
Germany	11.0	2014
Greece	7.5	2014
Hungary	10.9	2013
Iceland	7.5	2014
Ireland	10.8	2014
Israel	2.6	2014
Italy	7.6	2014
Kazakhstan	6.3	2014
Kyrgyzstan	3.3	2011
Latvia	10.4	2013
Lithuania	15.2	2014
Luxembourg	11.1	2014
Malta	8.5	2014
Montenegro	6.6	2011
Netherlands	8.7	2013
Norway	6.1	2014
Poland	10.7	2014
Portugal	9.9	2014
Republic of Georgia	6.1	2014
Republic of Moldova	10.0	2014
Romania	9.6	2013
Russian Federation	10.1	2014
Serbia	9.1	2014
Slovak Republic	10.6	2014
Slovenia	10.5	2014
Spain	9.3	2014
Sweden	7.3	2014
Switzerland	9.6	2014
TFYR Macedonia	1.1	2014
Turkey	1.5	2014
Ukraine	8.1	2014
United Kingdom	10.4	2014
High Income Median	10.4	
High Income Mean	9.9	
High Income Min	2.6	
High Income Max	15.2	
Middle Income Median	6.3	
Middle Income Mean	6.6	
Middle Income Min	1.1	
Middle Income Max	13.9	
Total Median	9.6	
Total Mean	8.7	
Total Min	1.1	
Total Max	15.2	

**Source:** WHO Europe, Health for All Database (HFA-DB) <http://data.euro.who.int/hfad/>

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S15. Age-standardised prevalence of heavy episodic drinking in the past 30 days, 15+ years, 2010, ESC member countries**

	Males (%)	Females (%)	Both (%)
Albania	11.7	1.0	6.4
Armenia	38.3	2.2	20.3
Austria	53.5	23.6	38.5
Azerbaijan	19.9	1.2	10.3
Belarus	47.6	7.2	26.5
Belgium	49.6	17.6	33.7
Bosnia and Herzegovina	12.4	0.7	6.5
Bulgaria	28.0	9.6	18.9
Croatia	22.3	1.5	11.9
Cyprus	42.4	7.1	25.4
Czech Republic	54.5	18.1	36.5
Denmark	41.9	15.8	29.1
Estonia	41.4	9.1	24.8
Finland	53.6	17.9	35.9
France	45.4	14.4	29.8
Germany	21.3	5.0	13.3
Greece	48.2	18.8	33.6
Hungary	44.4	7.6	25.4
Iceland	34.3	11.0	22.9
Ireland	53.8	19.3	36.5
Israel	12.6	2.4	7.5
Italy	8.8	0.6	4.7
Kazakhstan	14.7	1.3	7.7
Kyrgyzstan	14.5	1.1	7.6
Latvia	31.0	12.9	21.6
Lithuania	50.4	24.3	36.7
Luxembourg	38.3	9.0	23.8
Malta	40.1	12.3	26.5
Montenegro	13.8	1.1	7.4
Netherlands	11.5	1.1	6.3
Norway	19.5	5.2	12.6
Poland	10.3	0.6	5.4
Portugal	30.0	9.4	19.4
Republic of Georgia	19.1	0.6	9.3
Republic of Moldova	49.1	16.5	32.2
Romania	14.5	1.2	7.9
Russian Federation	29.6	9.9	19.3
Serbia	14.0	1.1	7.6
Slovak Republic	41.4	11.7	26.2
Slovenia	14.0	1.2	7.8
Spain	20.3	5.9	13.2
Sweden	36.3	11.8	24.3
Switzerland	28.4	9.7	19.1
TFYR Macedonia	12.3	0.7	6.6
Turkey	0.3	0.0	0.2
Ukraine	35.6	11.8	23.2
United Kingdom	37.2	16.8	27.1
High Income Median	37.8	10.4	24.6
High Income Mean	34.6	10.7	22.7
High Income Min	8.8	0.6	4.7
High Income Max	54.5	24.3	38.5
Middle Income Median	14.7	1.2	7.9
Middle Income Mean	22.1	4.0	12.8
Middle Income Min	0.3	0.0	0.2
Middle Income Max	49.1	16.5	32.2
Total Median	30.0	7.6	19.4
Total Mean	30.0	8.3	19.1
Total Min	0.3	0.0	0.2
Total Max	54.5	24.3	38.5

**Source:** WHO Global Health Observatory <http://www.who.int/gho/en/>

**Notes:** Data are age-standardised to the WHO standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

Table S16. Diet, fat and energy consumption, 2011, ESC member countries

	Vegetables kg per capita per year*	Fruits kg per person per year*	Total energy kcal per person per day**	Fat g per capita per day*
Albania	251.1	143.0	3 023	91.6
Armenia	311.4	79.6	2 809	83.1
Austria	109.3	146.0	3 784	171.5
Azerbaijan	172.3	69.8	2 952	55.8
Belarus	146.8	63.0	3 253	126.0
Belgium	128.1	59.8	3 793	165.9
Bosnia and Herzegovina	188.1	90.7	3 130	75.0
Bulgaria	73.2	46.5	2 877	92.5
Croatia	81.6	113.1	3 052	110.4
Cyprus	108.4	96.6	2 683	122.4
Czech Republic	74.1	68.7	3 292	139.2
Denmark	121.8	98.8	3 363	132.2
Estonia	122.1	71.1	3 214	88.4
Finland	88.1	94.5	3 285	136.7
France	103.6	110.1	3 524	162.4
Germany	94.3	80.4	3 539	145.8
Greece	232.1	120.7	3 433	150.3
Hungary	93.9	65.7	2 968	135.3
Iceland	71.4	121.1	3 339	146.2
Ireland	95.3	131.3	3 591	130.5
Israel	167.7	108.6	3 619	149.1
Italy	144.5	140.8	3 539	156.4
Kazakhstan	225.0	71.2	3 107	117.8
Kyrgyzstan	147.5	30.9	2 828	72.6
Latvia	123.0	49.2	3 293	127.2
Lithuania	125.2	42.1	3 463	103.0
Luxembourg	110.5	201.6	3 568	138.8
Malta	204.2	86.9	3 389	114.7
Montenegro	241.6	156.2	3 568	137.2
Netherlands	83.8	161.9	3 147	116.5
Norway	76.7	137.9	3 484	150.3
Poland	129.4	54.3	3 485	121.0
Portugal	166.2	113.7	3 456	142.5
Republic of Georgia	59.0	34.5	2 731	56.5
Republic of Moldova	113.2	31.9	2 837	88.1
Romania	186.6	75.2	3 363	104.9
Russian Federation	109.7	68.4	3 358	100.6
Serbia	116.5	92.1	2 724	77.2
Slovak Republic	95.2	61.8	2 902	106.9
Slovenia	80.0	127.6	3 173	118.8
Spain	123.8	79.7	3 183	160.2
Sweden	93.9	117.1	3 160	132.1
Switzerland	108.2	128.6	3 487	157.4
TFYR Macedonia	188.2	92.2	2 923	103.6
Turkey	241.0	122.9	3 680	121.1
Ukraine	163.6	55.7	3 142	89.3
United Kingdom	94.1	125.7	3 414	138.1
High Income Median	108.3	109.3	3 402	137.4
High Income Mean	115.0	103.8	3 354	135.7
High Income Min	71.4	42.1	2 683	88.4
High Income Max	232.1	201.6	3 793	171.5
Middle Income Median	172.3	71.2	3 023	91.6
Middle Income Mean	172.6	77.9	3 077	93.7
Middle Income Min	59.0	30.9	2 724	55.8
Middle Income Max	311.4	156.2	3 680	137.2
Total Median	121.8	92.1	3 292	122.4
Total Mean	135.9	94.4	3 254	120.5
Total Min	59.0	30.9	2 683	55.8
Total Max	311.4	201.6	3 793	171.5

**Source:** Food and Agriculture Organization of the United Nations (FAO) <http://faostat.fao.org/beta/en/>

**Notes:** \*These data come from FAO food balance sheets which collect country-level data on food production and trade; the actual food consumption may be lower than the quantity shown as food availability depends on the magnitude of wastage and losses of food in the household, e.g. during storage, in preparation and cooking, as

plate-waste or quantities fed to domestic animals and pets, thrown or given away; \*\*dietary energy consumption per person refers to the amount of food, expressed in kilocalories (kcal) per day, available for each individual in the total population during the reference period. Caloric content is derived by applying the appropriate food composition factors to the quantities of the commodities; per person supplies are derived from the total amount of food available for human consumption by dividing total calories by total population actually partaking of the food supplies during the reference period. However, per person figures represent only the average supply available and do not necessarily indicate what is actually consumed by individuals; the actual food consumption may be lower than the quantity shown as food availability depends on the magnitude of wastage and losses of food in the household, e.g. during storage, in preparation and cooking, as plate-waste or quantities fed to domestic animals and pets, thrown or given away;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic Arab Republic, Tunisia

**Table S17. Prevalence of insufficiently active adults, 18+ years, by sex, 2010, ESC member countries**

	Males (%)	Females (%)	Both (%)
Austria	21.1	31.3	26.4
Belgium	31.5	42.9	37.4
Bosnia and Herzegovina	17.0	24.0	20.6
Bulgaria	19.0	26.7	23.0
Croatia	16.8	22.5	19.8
Cyprus	29.3	41.5	35.3
Czech Republic	24.1	28.2	26.2
Denmark	24.3	28.9	26.6
Estonia	12.0	17.9	15.2
Finland	24.2	28.1	26.2
France	21.2	31.2	26.4
Germany	20.1	26.5	23.4
Greece	12.4	18.2	15.4
Hungary	18.5	23.0	20.9
Ireland	30.6	41.2	36.0
Italy	30.0	41.3	35.9
Kazakhstan	18.8	21.0	20.0
Latvia	19.3	27.3	23.8
Lithuania	16.6	23.1	20.2
Luxembourg	28.2	31.7	30.0
Malta	40.3	49.9	45.2
Netherlands	16.0	19.7	17.9
Norway	25.0	32.5	28.8
Poland	14.4	26.0	20.5
Portugal	33.5	40.8	37.3
Republic of Georgia	21.1	23.7	22.5
Romania	19.1	33.3	26.5
Russian Federation	10.1	12.0	11.1
Serbia	35.3	47.1	41.4
Slovak Republic	16.8	21.4	19.2
Slovenia	18.8	29.2	24.1
Spain	29.2	37.4	33.4
Sweden	26.2	35.8	31.1
Turkey	27.1	37.1	32.3
Ukraine	12.2	16.2	14.4
United Kingdom	35.4	44.3	40.0
High Income Median	24.1	29.2	26.4
High Income Mean	23.5	31.2	27.5
High Income Min	12.0	17.9	15.2
High Income Max	40.3	49.9	45.2
Middle Income Median	19.0	24.0	22.5
Middle Income Mean	20.0	26.8	23.5
Middle Income Min	10.1	12.0	11.1
Middle Income Max	35.3	47.1	41.4
Total Median	21.1	28.6	26.2
Total Mean	22.7	30.1	26.5
Total Min	10.1	12.0	11.1
Total Max	40.3	49.9	45.2

**Source:** WHO Global Health Observatory <http://www.who.int/gho/database/en/>

**Data unavailable:** Albania, Republic of Kosovo, Iceland, TFYR Macedonia, Republic of San Marino, Switzerland, Montenegro, Azerbaijan, Armenia, Belarus, Kyrgyzstan, Republic of Moldova, Algeria, Egypt, Lebanon, Libya, Israel, Morocco, Syrian Arab Republic, Tunisia.

**Table S18. Proportion of children who participate in at least one hour of moderate to vigorous physical activity per day, 11, 13 or 15 years olds, by sex, 2013/14, ESC member countries**

	% Boys 2013/14			% Girls 2013/14		
	11-year olds	13-year olds	15-year olds	11-year olds	13-year olds	15-year olds
Albania	38	38	29	31	20	14
Armenia	29	30	25	20	20	14
Austria	33	29	18	26	15	5
Belgium (Flemish)	29	19	17	16	13	11
Belgium (French)	21	21	17	14	13	7
Bulgaria	42	35	25	30	20	18
Croatia	39	33	25	26	19	12
Czech Republic	29	27	20	23	20	13
Denmark	19	17	16	11	11	7
England	25	23	18	20	14	9
Estonia	21	22	18	15	12	9
Finland	47	29	22	34	23	13
France	25	16	14	11	9	6
Germany	25	17	16	16	12	9
Greece	20	19	15	11	8	7
Hungary	34	25	24	24	15	11
Iceland	31	26	25	22	17	14
Ireland	45	36	25	31	16	9
Israel	23	15	10	13	9	5
Italy	17	14	11	8	6	5
Latvia	25	20	21	18	14	14
Lithuania	27	28	23	20	13	12
Luxembourg	34	35	26	21	17	9
Malta	28	20	16	21	11	9
Netherlands	24	21	22	15	17	12
Norway	32	18	23	19	12	8
Poland	34	29	25	27	19	11
Portugal	26	25	18	16	6	5
Republic of Moldova	35	20	25	29	25	22
Romania	39	28	21	23	16	11
Russian Federation	26	21	21	18	15	11
Scotland	29	19	14	21	13	11
Slovak Republic	37	31	25	36	19	13
Slovenia	27	25	21	18	13	7
Spain	39	36	28	28	18	12
Sweden	21	14	15	13	10	10
Switzerland	26	18	12	17	10	7
TFYR Macedonia	36	32	27	30	25	12
Ukraine	33	33	26	28	25	16
UK (Wales)	26	20	16	15	12	8
High Income Median	27	22	18	19	13	9
High Income Mean	29	23	19	20	14	9
High Income Min	17	14	10	8	6	5
High Income Max	47	36	28	36	23	14
Middle Income Median	36	31	25	29	20	14
Middle Income Mean	35	30	25	26	21	15
Middle Income Min	26	20	21	18	15	11
Middle Income Max	42	38	29	31	25	22
Total Median	29	24	21	20	15	11
Total Mean	30	25	20	21	15	10
Total Min	17	14	10	8	6	5
Total Max	47	38	29	36	25	22

**Source:** WHO Europe, <http://www.euro.who.int/en/publications/abstracts/growing-up-unequal.-hbsc-2016-study-20132014-survey>

**Missing data:** Cyprus, Bosnia Herzegovina, Republic of Kosovo, Republic of San Marino, Montenegro, Serbia, Turkey, Azerbaijan, Kazakhstan, Belarus, Republic of Georgia, Kyrgyzstan, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic , Tunisia.

**Table S19. Incidence of CVD, IHD and stroke, by sex, 2015, ESC member countries**

	Number of new cases (males)			Number of new cases (females)		
	CVD	IHD	Stroke	CVD	IHD	Stroke
Albania	18 329	9 719	2 820	14 645	6 063	2 821
Armenia	17 533	9 717	2 454	21 577	11 571	3 220
Austria	49 715	24 558	3 836	51 261	23 839	4 407
Azerbaijan	46 044	26 303	6 713	43 985	22 720	7 347
Belarus	70 596	40 644	12 323	88 252	42 669	18 196
Belgium	58 736	31 881	4 712	58 098	27 980	5 685
Bosnia and Herzegovina	30 372	16 610	3 836	27 164	12 113	4 340
Bulgaria	71 531	40 317	11 496	69 733	32 778	13 088
Croatia	35 980	20 786	5 024	36 901	18 131	6 333
Cyprus	3 082	1 317	299	2 760	949	265
Czech Republic	83 184	45 785	8 141	86 039	43 454	10 303
Denmark	30 092	15 796	2 632	27 039	12 150	2 665
Estonia	9 366	5 649	1 026	12 204	6 232	1 709
Finland	32 148	16 054	2 926	31 981	14 527	3 278
France	286 394	130 280	25 925	296 370	116 328	31 249
Germany	545 946	296 266	41 064	537 895	275 062	47 857
Greece	65 077	33 471	7 427	66 290	30 414	8 668
Hungary	80 163	45 574	9 199	88 722	42 931	11 933
Iceland	1 380	633	99	1 103	438	91
Ireland	17 268	8 148	1 369	14 392	5 702	1 402
Israel	27 371	14 105	2 102	22 044	8 281	2 069
Italy	359 888	188 435	32 574	371 869	172 503	40 542
Kazakhstan	78 332	40 980	15 001	92 565	46 202	17 556
Kyrgyzstan	20 774	9 792	4 573	21 668	10 003	4 398
Latvia	15 933	9 028	2 616	20 808	9 631	4 360
Lithuania	25 284	15 302	3 326	31 145	15 352	5 491
Luxembourg	1 946	745	189	1 926	665	214
Malta	1 986	971	163	1 809	706	162
Republic of Georgia	29 007	14 898	5 964	33 509	16 479	6 567
Republic of Moldova	23 183	12 145	4 183	23 534	9 714	4 852
Montenegro	4 393	2 228	728	4 021	1 539	900
Netherlands	86 970	41 755	6 518	77 051	31 623	7 271
Norway	27 231	13 864	1 971	21 868	9 219	2 129
Poland	313 458	187 715	30 155	317 980	166 604	34 932
Portugal	56 222	25 999	7 174	64 992	30 219	8 034
Romania	177 005	101 754	28 384	173 805	83 093	33 169
Russian Federation	1 111 622	651 841	203 725	1 384 080	676 221	303 883
Serbia	76 590	44 590	10 841	73 191	35 439	13 260
Slovak Republic	38 319	21 593	4 344	35 251	15 022	5 147
Slovenia	15 758	9 184	1 309	14 446	7 035	1 588
Spain	210 618	96 900	18 656	220 957	89 017	21 558
Sweden	64 686	33 784	5 506	53 220	24 321	5 181
Switzerland	36 959	19 501	2 883	34 465	15 370	3 367
TFYR Macedonia	14 532	7 690	2 521	12 515	5 146	2 781
Turkey	248 105	128 627	24 000	256 215	121 272	29 114
Ukraine	363 323	208 991	58 396	467 604	231 107	87 603
United Kingdom	324 446	178 985	20 326	298 270	141 705	23 375
<b>Total</b>	<b>5 306 873</b>	<b>2 900 910</b>	<b>651 447</b>	<b>5 707 221</b>	<b>2 719 540</b>	<b>854 360</b>

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>

**Notes:** IHD data are based on surveillance data, survey data, outpatient and inpatient visits for angina and first acute myocardial infarction. Stroke data are based on survey data and inpatient hospital data for first acute stroke;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

Table S20. Incidence of cardiovascular disease, by sex, 1990 to 2015, ESC member countries

	Number of new cases (Males)				Number of new cases (Females)			
	1990	2000	2010	2015	1990	2000	2010	2015
Albania	11 684	13 471	17 218	18 329	8 779	9 815	13 182	14 645
Armenia	13 126	15 086	16 923	17 533	15 167	17 734	18 060	21 577
Austria	36 888	39 770	46 098	49 715	46 418	47 105	49 029	51 261
Azerbaijan	23 155	30 488	39 308	46 044	25 956	30 041	37 844	43 985
Belarus	56 492	62 771	66 354	70 596	72 191	76 919	81 779	88 252
Belgium	48 747	51 186	55 582	58 736	52 720	54 328	55 622	58 098
Bosnia and Herzegovina	19 927	22 924	27 846	30 372	18 711	20 701	25 053	27 164
Bulgaria	69 994	70 025	71 413	71 531	58 432	62 342	67 813	69 733
Croatia	32 288	32 957	35 122	35 980	32 829	33 317	36 079	36 901
Cyprus	2 123	2 427	2 896	3 082	1 803	2 166	2 542	2 760
Czech Republic	76 536	73 938	78 519	83 184	82 208	78 679	82 244	86 039
Denmark	29 392	28 489	29 218	30 092	29 956	28 789	26 657	27 039
Estonia	9 301	8 940	9 063	9 366	11 902	11 242	11 691	12 204
Finland	25 782	27 704	30 088	32 148	28 801	30 155	30 912	31 981
France	227 565	244 924	269 093	286 394	242 718	258 684	277 334	296 370
Germany	457 617	479 590	512 230	545 946	559 842	529 354	520 901	537 895
Greece	50 879	58 302	63 165	65 077	46 496	54 998	62 678	66 290
Hungary	85 370	82 137	78 784	80 163	84 052	85 361	86 035	88 722
Iceland	935	1 061	1 291	1 380	805	903	1 036	1 103
Ireland	13 429	14 184	16 068	17 268	12 335	13 160	13 720	14 392
Israel	16 341	21 545	25 567	27 371	12 353	17 656	20 982	22 044
Italy	293 767	315 311	341 105	359 888	300 865	324 775	351 954	371 869
Kazakhstan	59 403	64 858	71 999	78 332	79 880	78 946	83 226	92 565
Kyrgyzstan	13 967	16 441	18 294	20 774	17 910	18 706	19 452	21 668
Latvia	16 510	16 044	16 215	15 933	21 110	20 437	20 830	20 808
Lithuania	22 417	22 293	24 699	25 284	25 775	26 949	30 290	31 145
Luxembourg	1 337	1 433	1 706	1 946	1 549	1 616	1 762	1 926
Malta	1 142	1 355	1 741	1 986	1 092	1 299	1 663	1 809
Republic of Georgia	28 741	29 387	30 999	29 007	36 402	34 263	35 483	33 509
Republic of Moldova	20 090	19 825	22 293	23 183	21 421	20 666	22 588	23 534
Montenegro	2 728	3 546	4 160	4 393	2 739	3 308	3 803	4 021
Netherlands	70 432	73 813	80 353	86 970	69 857	72 254	73 831	77 051
Norway	22 625	22 495	25 530	27 231	21 681	21 723	21 387	21 868
Poland	267 526	275 332	297 124	313 458	260 269	269 890	298 035	317 980
Portugal	47 733	52 865	54 279	56 222	54 430	61 725	62 553	64 992
Romania	166 155	175 472	176 198	177 005	148 898	162 455	171 304	173 805
Russian Federation	869 687	1 003 325	1 015 769	1 111 622	1 156 911	1 231 935	1 247 500	1 384 080
Serbia	61 499	75 383	77 153	76 590	55 747	70 153	72 430	73 191
Slovak Republic	32 000	32 812	35 501	38 319	27 366	29 983	32 986	35 251
Slovenia	10 952	12 122	14 692	15 758	11 409	12 248	13 888	14 446
Spain	161 844	184 479	199 915	210 618	173 235	197 899	209 965	220 957
Sweden	55 108	60 315	63 558	64 686	48 984	54 845	52 651	53 220
Switzerland	29 102	29 795	33 984	36 959	30 805	31 783	32 972	34 465
TFYR Macedonia	10 082	11 835	13 788	14 532	7 842	9 648	11 751	12 515
Turkey	171 812	210 577	222 875	248 105	151 858	193 244	219 920	256 215
Ukraine	311 374	331 171	340 194	363 323	427 067	419 299	434 977	467 604
United Kingdom	337 062	306 335	309 728	324 446	327 953	311 589	289 055	298 270
<b>Total</b>	<b>4 392 667</b>	<b>4 730 536</b>	<b>4 985 698</b>	<b>5 306 873</b>	<b>4 927 531</b>	<b>5 145 087</b>	<b>5 337 453</b>	<b>5 707 221</b>

Source: Global Burden of Disease database <http://www.healthdata.org/gbd/data>

Data unavailable: Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S21. Prevalence of cardiovascular diseases, by sex, 2015, ESC member countries**

	Number of cases (Males)						Number of cases (Females)					
	CVD	IHD	Stroke	PVD	Other CVD	AF	CVD	IHD	Stroke	PVD	Other CVD	AF
Albania	149 113	49 696	12 350	47 991	48 342	13 314	129 804	26 972	12 465	50 858	40 788	10 315
Armenia	107 123	52 791	11 990	45 312	2 321	11 327	132 176	56 764	16 446	63 030	3 769	10 885
Austria	399 912	117 332	27 792	161 216	60 683	89 216	409 542	78 960	27 471	205 238	75 951	74 581
Azerbaijan	271 484	116 094	31 800	98 745	11 652	27 564	285 541	104 796	39 091	115 455	10 122	20 866
Belarus	455 242	294 204	52 296	150 507	4 215	38 749	564 904	246 932	84 854	275 446	9 374	45 456
Belgium	482 532	159 839	30 843	201 441	100 163	55 798	489 834	108 312	32 692	254 512	105 673	47 863
Bosnia and Herzegovina	223 139	87 833	18 614	86 073	51 084	20 479	202 421	55 068	21 668	103 019	34 074	17 794
Bulgaria	490 216	193 345	46 782	179 626	127 780	42 988	498 810	139 978	54 273	238 245	107 009	42 925
Croatia	274 063	106 965	24 629	97 878	83 322	16 757	287 969	79 759	29 852	135 056	77 095	14 675
Cyprus	29 126	7 252	1 921	13 147	6 717	3 406	29 743	4 904	1 789	15 133	8 198	2 842
Czech Republic	650 781	244 352	44 212	234 780	158 301	97 853	683 935	195 895	52 621	302 226	175 083	82 990
Denmark	257 396	84 706	16 935	107 155	49 779	33 570	229 517	48 931	15 982	123 319	42 467	24 467
Estonia	58 251	27 897	5 732	24 578	3 393	5 960	82 318	27 820	9 903	45 305	4 049	7 345
Finland	255 075	78 629	18 212	101 556	36 693	55 203	258 899	53 714	18 288	127 424	42 783	48 810
France	2 880 473	577 884	176 689	1 130 040	969 183	448 290	2 968 354	398 664	189 440	1 506 760	861 041	383 702
Germany	4 207 442	1 226 273	268 691	1 832 880	762 500	687 489	4 083 162	855 807	258 083	2 059 546	834 043	551 601
Greece	471 804	146 738	34 367	217 965	54 247	77 428	469 229	95 888	34 661	265 269	57 201	64 024
Hungary	555 656	253 112	49 872	232 842	77 062	50 729	653 088	195 011	67 687	353 261	87 655	56 634
Iceland	12 150	3 438	647	4 565	2 095	3 036	10 252	2 083	604	5 048	1 963	1 785
Ireland	142 518	42 615	10 033	62 390	18 871	24 932	126 358	24 594	9 466	69 622	19 128	15 130
Israel	216 772	76 066	13 598	89 909	25 667	37 113	190 655	34 670	12 852	108 015	24 012	27 936
Italy	2 659 408	767 740	174 207	1 221 358	342 285	447 545	2 789 081	545 697	177 613	1 593 525	354 705	364 540
Kazakhstan	526 851	249 833	69 178	173 382	74 393	44 634	592 143	252 713	91 000	255 229	38 944	42 935
Kyrgyzstan	135 297	58 930	18 947	43 533	7 347	11 690	148 501	54 225	22 000	55 283	6 834	9 364
Latvia	96 921	50 209	11 037	38 871	2 789	9 555	132 645	45 634	18 253	71 579	4 747	11 781
Lithuania	154 310	82 560	16 253	60 839	10 308	13 816	206 080	73 487	28 133	108 764	14 284	16 427
Luxembourg	22 056	4 376	1 435	8 296	7 864	3 217	21 723	3 376	1 437	10 067	6 963	2 847
Malta	17 219	5 490	1 210	7 661	2 772	2 163	16 028	3 458	1 109	8 713	2 291	1 983
Montenegro	33 153	11 591	2 988	12 707	8 634	2 987	30 815	7 146	3 681	15 126	6 919	2 628
Netherlands	764 474	213 205	45 522	283 686	155 482	173 011	711 855	130 650	43 940	328 831	173 792	124 410
Norway	219 231	55 271	12 666	79 476	37 812	64 835	189 031	34 737	12 379	92 967	32 761	39 053
Poland	2 146 891	945 600	158 851	791 668	389 297	280 088	2 286 796	712 963	198 721	1 125 796	334 627	292 660
Portugal	460 471	137 002	37 677	196 272	76 731	75 969	508 465	131 422	38 632	257 754	78 912	64 868
Republic of Georgia	183 691	75 207	24 318	69 033	15 353	16 957	222 574	81 382	29 208	99 528	11 799	17 160
Republic of Moldova	143 363	71 588	16 677	53 994	7 197	14 686	153 291	52 755	22 644	78 702	5 024	13 679
Romania	1 103 013	510 400	113 362	452 068	168 729	63 670	1 118 540	370 712	139 412	597 895	100 780	70 815
Russian Federation	7 406 191	4 974 852	799 661	2 178 594	288 234	585 746	8 915 541	4 132 190	1 267 978	3 954 437	414 985	688 433
Serbia	503 554	221 498	47 608	197 006	102 947	26 809	490 766	144 016	58 392	245 553	88 149	26 152
Slovak Republic	297 476	121 065	22 383	92 156	78 042	41 966	301 885	73 191	27 290	131 620	77 039	43 739
Slovenia	123 072	48 243	8 809	46 569	27 187	13 701	122 849	31 579	10 220	60 398	26 270	12 102
Spain	1 993 922	472 650	131 331	759 410	511 122	387 306	2 061 317	350 951	142 639	1 039 972	448 823	331 403
Sweden	492 943	167 487	33 608	182 703	79 520	113 656	410 015	88 562	24 392	204 357	68 512	76 777
Switzerland	358 386	99 256	19 380	135 919	121 391	31 759	340 606	59 340	19 638	166 610	109 800	25 058
TFYR Macedonia	108 680	38 813	10 133	35 898	33 823	9 434	93 852	22 447	11 389	41 497	23 515	7 891
Turkey	2 534 406	638 700	139 165	833 593	1 066 960	109 185	2 820 197	578 643	185 551	1 000 924	1 260 447	85 578
Ukraine	2 441 740	1 634 545	250 432	830 096	21 582	203 081	3 087 824	1 514 022	399 996	1 453 286	38 183	237 822
United Kingdom	2 810 080	934 103	293 225	1 106 705	374 511	493 453	2 613 770	611 817	308 925	1 270 718	373 507	370 279
<b>Total</b>	<b>40 327 066</b>	<b>16 537 275</b>	<b>3 358 070</b>	<b>15 012 090</b>	<b>6 666 382</b>	<b>5 082 123</b>	<b>43 172 699</b>	<b>12 942 637</b>	<b>4 274 761</b>	<b>20 690 917</b>	<b>6 724 091</b>	<b>4 533 010</b>

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>

**Notes:** CVD: cardiovascular disease, AF: atrial fibrillation, PVD: peripheral vascular disease; IHD: ischaemic heart disease; 'Other CVD' is defined as other pulmonary disease, diseases of pericardium, valve disorders, tachycardia, ill-defined heart disease, other aneurysms, other disorders of arteries/veins. IHD data are based on surveillance data, survey data, outpatient and inpatient visits of angina and first acute myocardial infarction; stroke data are based on survey data and inpatient hospital data for first acute stroke. Atrial Fibrillation data are based on survey data, primary care data, inpatient data and claims data. Peripheral vascular disease data are based on survey data of outpatient/inpatient visits and inpatient hospital data;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S22. Age-standardised prevalence rate per 100 000 of cardiovascular diseases, by sex, 2015, ESC member countries**

	Males						Females					
	CVD	IHD	Stroke	PVD	Other	AF	CVD	IHD	Stroke	PVD	Other	AF
Albania	8 673	2 813	707	2 813	2 817	772	6 978	1 427	678	2 662	2 188	542
Armenia	7 157	3 509	809	3 104	151	764	6 185	2 670	809	2 872	181	508
Austria	6 121	1 800	436	2 413	932	1 368	4 831	956	352	2 318	903	839
Azerbaijan	7 312	3 176	849	2 993	286	764	6 438	2 408	864	2 762	212	507
Belarus	8 630	5 576	1 002	2 985	78	739	6 217	2 722	1 003	2 869	112	491
Belgium	5 774	1 925	375	2 341	1 217	663	4 580	1 032	326	2 255	1 015	413
Bosnia and Herzegovina	8 436	3 267	717	3 312	1 945	775	6 372	1 741	735	3 124	1 091	543
Bulgaria	9 068	3 486	857	3 185	2 512	773	6 759	1 870	792	3 004	1 540	543
Croatia	9 087	3 458	813	3 131	2 881	545	6 925	1 905	782	2 947	1 968	329
Cyprus	5 280	1 311	351	2 356	1 235	618	4 595	756	282	2 270	1 305	421
Czech Republic	8 712	3 216	599	3 151	2 164	1 284	7 135	2 041	601	2 964	1 896	818
Denmark	5 956	1 939	399	2 445	1 156	787	4 593	986	340	2 393	857	478
Estonia	7 197	3 437	711	3 020	425	739	5 669	1 940	744	2 898	312	490
Finland	5 887	1 817	434	2 310	840	1 278	4 677	996	363	2 221	769	833
France	6 101	1 234	383	2 310	2 071	948	4 666	648	320	2 236	1 386	563
Germany	5 768	1 685	374	2 426	1 047	948	4 474	956	307	2 142	942	564
Greece	5 189	1 642	387	2 288	605	849	4 052	842	324	2 205	510	518
Hungary	8 500	3 847	778	3 569	1 186	773	6 552	1 971	760	3 339	899	543
Iceland	5 987	1 694	325	2 227	1 048	1 497	4 456	912	273	2 142	870	747
Ireland	5 327	1 583	377	2 356	710	931	4 147	813	317	2 256	634	489
Israel	5 540	1 953	349	2 288	658	947	3 941	727	275	2 194	503	563
Italy	5 099	1 507	341	2 257	650	859	3 975	824	279	2 176	512	485
Kazakhstan	8 697	4 175	1 090	3 270	1 100	763	6 825	2 908	1 018	3 016	442	507
Kyrgyzstan	8 313	3 894	1 125	3 167	398	762	7 165	2 771	1 030	2 937	314	506
Latvia	7 298	3 764	831	2 942	209	723	5 582	1 936	824	2 818	219	487
Lithuania	8 226	4 394	874	3 248	556	740	6 346	2 263	928	3 121	482	490
Luxembourg	6 311	1 241	412	2 345	2 296	915	5 092	790	348	2 248	1 674	633
Malta	5 313	1 671	377	2 341	853	678	4 219	911	310	2 248	614	495
Montenegro	8 774	2 967	776	3 327	2 431	773	6 612	1 518	813	3 134	1 540	542
Netherlands	6 004	1 660	366	2 213	1 223	1 371	4 783	885	313	2 131	1 194	801
Norway	6 246	1 574	370	2 250	1 092	1 848	4 554	856	316	2 163	795	920
Poland	8 830	3 843	673	3 333	1 613	1 157	6 709	2 125	641	3 134	998	841
Portugal	5 764	1 722	475	2 388	965	949	4 765	1 274	383	2 298	746	564
Republic of Georgia	8 336	3 370	1 104	3 088	727	761	7 087	2 506	959	2 876	412	506
Republic of Moldova	7 266	3 639	830	2 919	337	738	5 503	1 913	825	2 807	184	489
Romania	8 182	3 778	852	3 318	1 261	469	6 120	2 041	824	3 114	565	370
Russian Federation	9 171	6 098	1 005	2 872	352	739	6 481	3 001	971	2 750	316	489
Serbia	8 274	3 589	782	3 201	1 729	437	6 317	1 861	805	3 006	1 168	317
Slovak Republic	9 403	3 751	717	3 074	2 535	1 325	6 932	1 658	664	2 896	1 847	975
Slovenia	8 003	3 111	582	3 001	1 785	884	6 210	1 646	579	2 829	1 368	587
Spain	5 781	1 382	382	2 132	1 507	1 111	4 593	791	336	2 213	1 024	700
Sweden	6 425	2 170	451	2 314	1 048	1 466	4 507	994	293	2 170	773	776
Switzerland	5 908	1 633	324	2 193	2 026	521	4 542	797	279	2 121	1 492	311
TFYR Macedonia	8 996	3 111	822	3 057	2 887	771	6 615	1 560	813	2 872	1 705	541
Turkey	7 998	2 100	430	2 968	3 048	392	7 392	1 540	483	2 720	3 213	233
Ukraine	8 801	5 852	908	3 050	77	741	6 499	3 146	909	2 930	87	490
United Kingdom	6 067	2 037	647	2 306	804	1 074	4 678	1 117	596	2 156	670	635
High Income Median	6 036	1 808	405	2 350	1 070	939	4 671	971	338	2 252	884	563
High Income Mean	6 570	2 267	497	2 566	1 245	993	5 093	1 212	448	2 450	973	610
High Income Min	5 099	1 234	324	2 132	209	521	3 941	648	273	2 121	219	311
High Income Max	9 403	4 394	874	3 569	2 881	1 848	7 135	2 263	928	3 339	1 968	975
Middle Income Median	8 436	3 509	849	3 088	1 100	762	6 499	2 041	824	2 876	442	506
Middle Income Mean	8 358	3 788	863	3 096	1 302	702	6 563	2 212	843	2 909	898	478
Middle Income Min	7 157	2 100	430	2 813	77	392	5 503	1 427	483	2 662	87	233
Middle Income Max	9 171	6 098	1 125	3 327	3 048	775	7 392	3 146	1 030	3 134	3 213	543
Total Median	7 266	2 967	647	2 919	1 092	773	5 669	1 540	601	2 750	857	518
Total Mean	7 217	2 817	629	2 757	1 265	888	5 624	1 573	591	2 616	946	562
Total Min	5 099	1 234	324	2 132	77	392	3 941	648	273	2 121	87	233
Total Max	9 403	6 098	1 125	3 569	3 048	1 848	7 392	3 146	1 030	3 339	3 213	975

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>.

**Notes:** CVD: cardiovascular disease, AF: atrial fibrillation, PVD: peripheral vascular disease; IHD: ischaemic heart disease; other CVD' is defined as other pulmonary disease, diseases of pericardium, valve disorders, tachycardia, ill-defined heart disease, other aneurysms, other disorders of arteries/veins. IHD data are based on surveillance data,

survey data, outpatient and inpatient visits of angina and first acute myocardial infarction. Stroke data are based on survey data and inpatient hospital data of first acute stroke; Atrial Fibrillation data are based on survey data, primary care data, inpatient data and claims data. Peripheral vascular disease data are based on survey data of outpatient/inpatient visits and inpatient hospital data. Data are age-standardised to the 2013 GBD world standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic Arab Republic, Tunisia

**Table S23, Age-standardised prevalence of CVD per 100 000, by sex, 1990 to 2015, ESC member countries**

	Males				Females			
	1990	2000	2010	2015	1990	2000	2010	2015
Albania	8 865	8 737	8 728	8 673	7 338	7 167	6 991	6 978
Armenia	7 116	7 141	7 214	7 157	6 123	6 083	6 200	6 185
Austria	6 320	6 206	6 255	6 121	5 015	4 995	4 897	4 831
Azerbaijan	7 605	7 449	7 414	7 312	6 867	6 645	6 562	6 438
Belarus	8 298	8 428	8 707	8 630	6 087	6 109	6 245	6 217
Belgium	6 367	6 169	5 912	5 774	5 001	4 910	4 636	4 580
Bosnia and Herzegovina	8 428	8 501	8 400	8 436	6 280	6 336	6 308	6 372
Bulgaria	9 359	9 104	9 145	9 068	6 784	6 634	6 783	6 759
Croatia	9 391	9 148	9 094	9 087	6 995	6 894	6 878	6 925
Cyprus	5 953	5 653	5 374	5 280	5 149	4 944	4 646	4 595
Czech Republic	9 090	8 632	8 765	8 712	7 398	7 192	7 176	7 135
Denmark	6 641	6 516	6 097	5 956	5 037	5 056	4 666	4 593
Estonia	8 078	7 640	7 368	7 197	6 009	5 728	5 735	5 669
Finland	6 948	6 441	6 112	5 887	5 264	5 122	4 809	4 677
France	6 914	6 589	6 318	6 101	5 175	5 081	4 801	4 666
Germany	6 920	6 361	5 945	5 768	5 179	4 849	4 554	4 474
Greece	5 656	5 469	5 325	5 189	4 350	4 276	4 122	4 052
Hungary	8 801	8 613	8 592	8 500	6 673	6 585	6 538	6 552
Iceland	6 690	6 342	6 103	5 987	4 905	4 751	4 521	4 456
Ireland	5 995	5 758	5 432	5 327	4 598	4 519	4 199	4 147
Israel	6 533	6 147	5 732	5 540	4 490	4 284	4 013	3 941
Italy	5 977	5 595	5 278	5 099	4 630	4 392	4 075	3 975
Kazakhstan	8 522	8 786	8 787	8 697	6 690	6 739	6 828	6 825
Kyrgyzstan	8 214	8 281	8 373	8 313	7 280	7 216	7 215	7 165
Latvia	8 194	7 722	7 567	7 298	5 853	5 585	5 667	5 582
Lithuania	8 771	8 198	8 471	8 226	6 489	6 222	6 430	6 346
Luxembourg	7 141	6 824	6 474	6 311	5 578	5 449	5 184	5 092
Malta	5 939	5 600	5 394	5 313	4 664	4 492	4 281	4 219
Montenegro	8 587	8 593	8 785	8 774	6 453	6 536	6 608	6 612
Netherlands	6 767	6 310	6 151	6 004	5 342	5 115	4 847	4 783
Norway	6 770	6 777	6 797	6 246	4 915	4 877	4 680	4 554
Poland	9 372	9 000	8 889	8 830	6 936	6 790	6 798	6 709
Portugal	6 371	6 193	5 853	5 764	5 237	5 161	4 826	4 765
Republic of Georgia	8 560	8 447	8 447	8 336	7 144	7 016	7 254	7 087
Republic of Moldova	7 691	7 383	7 471	7 266	5 790	5 587	5 624	5 503
Romania	8 602	8 467	8 205	8 182	6 369	6 299	6 149	6 120
Russian Federation	9 776	9 630	9 446	9 171	6 708	6 559	6 573	6 481
Serbia	8 486	8 471	8 321	8 274	6 376	6 375	6 303	6 317
Slovak Republic	9 558	9 575	9 522	9 403	6 848	7 004	6 913	6 932
Slovenia	8 470	8 087	8 140	8 003	6 473	6 284	6 253	6 210
Spain	6 583	6 329	5 847	5 781	5 155	5 080	4 672	4 593
Sweden	6 935	6 854	6 648	6 425	4 798	4 777	4 563	4 507
Switzerland	6 792	6 238	6 011	5 908	5 187	4 945	4 577	4 542
TFYR Macedonia	9 032	9 009	9 059	8 996	6 558	6 574	6 586	6 615
Ukraine	8 708	8 726	8 977	8 801	6 397	6 322	6 564	6 499
United Kingdom	7 061	6 537	6 168	6 067	5 115	5 014	4 688	4 678
High Income Median	6 853	6 478	6 159	6 036	5 177	5 068	4 744	4 671
High Income Mean	7 233	6 917	6 721	6 570	5 482	5 346	5 155	5 093
High Income Min	5 656	5 469	5 278	5 099	4 350	4 276	4 013	3 941
High Income Max	9 558	9 575	9 522	9 403	7 398	7 192	7 176	7 135
Middle Income Median	8 541	8 486	8 577	8 533	6 506	6 547	6 569	6 490
Middle Income Mean	8 490	8 447	8 467	8 381	6 578	6 512	6 550	6 511
Middle Income Min	7 116	7 141	7 214	7 157	5 790	5 587	5 624	5 503
Middle Income Max	9 776	9 630	9 446	9 171	7 338	7 216	7 254	7 165
Total Median	7 648	7 416	7 391	7 231	5 931	5 658	5 701	5 625
Total Mean	7 671	7 449	7 328	7 200	5 863	5 752	5 640	5 586
Total Min	5 656	5 469	5 278	5 099	4 350	4 276	4 013	3 941
Total Max	9 776	9 630	9 522	9 403	7 398	7 216	7 254	7 165

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>.

**Notes:** Data are age-standardised to the 2013 GBD world standard population.

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Turkey, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S24. Age-standardised DALYs lost rate per 100 000 for IHD, stroke and other CVD, by sex, 2015, ESC member countries**

	Males			Females		
	IHD	Stroke	Other CVD	IHD	Stroke	Other CVD
Albania	3 752	2 306	572	1 732	1 610	378
Armenia	6 202	1 981	64	2 629	1 305	59
Austria	1 883	497	183	867	380	175
Azerbaijan	7 449	2 319	138	3 852	1 700	83
Belarus	10 683	3 217	53	4 154	1 802	41
Belgium	1 634	607	270	696	449	219
Bosnia and Herzegovina	2 572	1 657	335	1 222	1 208	171
Bulgaria	5 451	2 882	735	2 441	1 864	381
Croatia	3 299	1 641	342	1 650	1 157	232
Cyprus	2 256	599	215	596	347	181
Czech Republic	3 464	1 081	413	1 676	786	317
Denmark	1 545	681	222	698	507	166
Estonia	4 042	1 222	180	1 716	782	119
Finland	2 343	682	196	852	478	151
France	1 249	538	378	434	343	230
Georgia	7 155	3 941	364	2 610	1 949	143
Germany	1 969	581	285	885	432	235
Greece	2 641	961	101	1 135	766	89
Hungary	4 039	1 487	322	1 935	936	208
Iceland	1 842	455	167	565	284	124
Ireland	2 038	521	159	724	389	124
Israel	1 355	543	157	563	362	140
Italy	1 458	631	139	613	451	109
Kazakhstan	8 113	3 731	528	3 683	2 360	181
Kyrgyzstan	8 093	4 423	169	4 245	2 667	107
Latvia	5 688	2 266	156	2 241	1 470	87
Lithuania	5 859	1 767	281	2 183	1 096	142
Luxembourg	1 360	540	373	588	401	285
TFYR Macedonia	3 632	3 068	380	1 719	2 351	214
Malta	2 094	558	177	913	405	138
Moldova	6 375	2 688	114	3 491	1 723	58
Montenegro	4 064	2 733	292	1 611	2 338	198
Netherlands	1 443	551	256	580	425	208
Norway	1 510	526	188	625	394	147
Poland	3 747	1 393	314	1 445	852	161
Portugal	1 272	1 113	204	571	680	156
Romania	4 550	2 893	350	2 118	1 941	117
Russian Federation	7 773	3 561	235	3 119	2 130	134
Serbia	3 582	2 392	390	1 862	1 927	247
Slovak Republic	4 206	1 402	421	2 004	841	284
Slovenia	1 718	871	262	743	557	200
Spain	1 302	527	238	522	374	171
Sweden	1 796	571	199	822	434	148
Switzerland	1 335	375	243	536	282	180
Turkey	2 547	1 004	379	1 053	727	359
Ukraine	9 615	2 697	61	4 620	1 703	39
United Kingdom	1 811	622	229	740	523	189
High Income Median	1 862	615	226	742	450	168
High Income Mean	2 407	860	242	1 004	586	177
High Income Min	1 249	375	101	434	282	87
High Income Max	5 859	2 266	421	2 241	1 470	317
Middle Income Median	6 202	2 733	335	2 610	1 864	143
Middle Income Mean	5 977	2 794	303	2 715	1 841	171
Middle Income Min	2 547	1 004	53	1 053	727	39
Middle Income Max	10 683	4 423	735	4 620	2 667	381
Total Median	2 641	1 113	238	1 222	782	166
Total Mean	3 698	1 560	264	1 623	1 040	175
Total Min	1 249	375	53	434	282	39
Total Max	10 683	4 423	735	4 620	2 667	381

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>.

**Notes:** Data are age-standardised to the 2013 GBD world standard population;

**Data unavailable:** Republic of Kosovo Republic of San Marino Algeria Egypt Lebanon Libya Morocco Syrian Arab Republic, Tunisia

**Table S25. Age-standardised DALYs lost per 100 000 from cardiovascular disease, by sex, 1990 to 2015, ESC member countries**

	Males				Females			
	1990	2000	2010	2015	1990	2000	2010	2015
Albania	8 244	8 239	7 526	7 321	5 086	5 220	4 785	4 222
Armenia	10 899	11 911	9 744	8 964	6 852	6 846	5 210	4 487
Austria	7 276	5 539	3 532	3 144	3 927	3 070	1 923	1 818
Azerbaijan	15 547	15 187	12 800	10 540	9 700	9 607	8 043	6 055
Belarus	13 189	17 602	16 308	15 409	7 267	8 852	7 068	6 504
Belgium	5 879	4 527	3 001	2 884	3 191	2 496	1 708	1 590
Bosnia and Herzegovina	10 109	8 566	6 097	5 651	6 373	5 179	3 844	3 399
Bulgaria	13 315	14 145	11 261	10 525	8 283	8 418	6 154	5 609
Croatia	10 679	9 276	6 788	5 959	6 189	5 527	3 749	3 456
Cyprus	7 530	6 485	4 061	3 505	3 865	3 122	1 658	1 378
Czech Republic	12 850	8 983	6 343	5 516	6 842	5 091	3 501	3 109
Denmark	7 387	4 859	3 273	2 885	3 758	2 633	1 835	1 609
Estonia	14 659	13 833	8 426	6 989	7 257	6 696	3 468	3 363
Finland	9 149	6 231	4 506	3 968	4 079	2 850	2 002	1 827
France	4 637	3 783	2 683	2 600	2 224	1 831	1 315	1 246
Germany	7 842	5 511	3 730	3 421	4 057	2 922	2 064	1 923
Greece	6 286	5 696	4 394	4 176	4 044	3 178	2 340	2 294
Hungary	13 443	11 077	8 667	6 906	7 278	5 816	4 263	3 634
Iceland	5 709	4 078	3 023	2 841	2 904	2 110	1 270	1 175
Ireland	6 777	5 233	3 423	3 146	3 689	2 706	1 523	1 456
Israel	6 045	4 138	2 550	2 407	3 929	2 226	1 343	1 298
Italy	5 505	4 115	2 811	2 747	2 985	2 207	1 518	1 510
Kazakhstan	13 530	19 350	15 600	13 718	7 876	10 399	8 016	6 981
Kyrgyzstan	13 319	15 351	15 088	13 776	8 677	9 728	8 787	7 642
Latvia	15 182	14 515	11 339	9 877	7 735	6 808	4 890	4 442
Lithuania	11 786	11 156	10 232	9 067	6 296	5 493	4 318	3 828
Luxembourg	7 289	4 951	3 047	2 638	3 894	2 598	1 715	1 525
Malta	6 768	5 000	3 486	3 203	3 783	2 608	1 857	1 708
Montenegro	9 348	10 978	8 357	8 117	5 981	7 059	5 172	4 744
Netherlands	6 347	4 826	2 893	2 768	3 783	2 608	1 857	1 708
Norway	7 252	4 961	3 045	2 714	8 939	9 140	7 690	5 722
Poland	13 574	9 843	7 408	6 438	5 981	7 059	5 172	4 744
Portugal	7 250	5 357	3 303	3 007	2 944	2 564	1 659	1 517
Republic of Georgia	14 713	14 541	13 575	12 962	8 451	7 789	5 909	5 485
Republic of Moldova	12 463	13 160	12 786	9 910	8 939	9 140	7 690	5 722
Romania	11 896	12 111	10 262	9 121	3 180	2 385	1 609	1 434
Russian Federation	14 700	20 530	16 618	13 841	6 699	5 033	3 374	2 927
Serbia	9 872	11 274	8 267	7 123	4 393	3 140	1 898	1 659
Slovak Republic	13 322	11 146	8 407	6 765	7 785	7 447	5 595	4 925
Slovenia	8 716	6 548	4 120	3 554	7 697	9 815	7 494	6 233
Spain	5 400	4 203	2 868	2 540	6 917	7 963	5 383	4 532
Sweden	6 539	4 707	3 380	3 123	7 077	5 975	4 377	3 542
Switzerland	5 381	3 794	2 526	2 329	4 785	3 423	2 179	1 948
TFYR Macedonia	10 946	11 760	9 157	8 121	7 936	8 131	6 354	5 179
Turkey	9 514	7 190	4 485	4 390	3 083	2 430	1 770	1 709
Ukraine	13 173	17 590	14 906	13 581	8 533	10 111	8 203	6 954
United Kingdom	7 661	5 405	3 458	3 147	5 511	3 809	2 496	2 466
High Income Median	7 283	5 381	3 472	3 147	4 068	3 150	2 122	1 936
High Income Mean	8 471	6 659	4 691	4 142	5 112	4 393	3 072	2 718
High Income Min	4 637	3 783	2 526	2 329	2 224	1 831	1 270	1 175
High Income Max	15 182	14 515	11 339	9 877	8 939	9 815	7 690	6 233
Middle Income Median	12 463	13 160	11 261	9 910	7 267	7 789	5 909	5 179
Middle Income Mean	12 046	13 499	11 343	10 181	6 901	7 027	5 523	4 748
Middle Income Min	8 244	7 190	4 485	4 390	3 083	2 385	1 609	1 434
Middle Income Max	15 547	20 530	16 618	15 409	9 700	10 399	8 787	7 642
Total Median	9 348	8 239	6 097	5 516	5 981	5 179	3 501	3 363
Total Mean	9 764	9 133	7 097	6 326	5 759	5 346	3 958	3 452
Total Min	4 637	3 783	2 526	2 329	2 224	1 831	1 270	1 175
Total Max	15 547	20 530	16 618	15 409	9 700	10 399	8 787	7 642

**Source:** Global Burden of Disease database <http://www.healthdata.org/gbd/data>

**Notes:** Data are age-standardised to the 2013 GBD world standard population;

**Missing data:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S26. Interventional cardiology, infrastructure and procedures, per million people, 2014 or latest year, ESC member countries**

	Infrastructure				Procedures			
	Cardiologists	Interventional cardiologists	Centres undertaking PCIs	Centres undertaking TAVIs	Coronary angiographies	Percutaneous interventions for CHD	PCIs	pPCIs
Albania	86.7	6.2	2.1	0.0	1 671.9	6.2	580.9	225.3
Austria	63.3	31.0	4.7	1.4	9 117.2	115.6	2 558.9	
Azerbaijan	82.9	3.0	1.0	0.2	2 233.9	8.7	545.4	91.2
Belgium	104.5		4.2	2.2	6 023.3		2 244.4	349.7
Bulgaria	168.2	19.4	6.6	0.4	5 212.3		3 602.9	1 042.0
Cyprus	135.2	17.3	5.2	1.7	2 427.1	6.9	1 646.9	216.7
Czech Republic	83.9	11.4	2.1	1.1	5 131.0	31.1	2 063.8	562.9
Denmark	72.3	8.8	1.1	0.7	5 330.4	58.5	1 700.4	491.4
Estonia	132.6	27.4	3.8	0.8	4 571.2	19.0	2 268.5	444.3
Finland	45.4		4.0	0.9	4 795.4	12.9	1 944.3	450.1
France	91.5	15.0	3.0	0.8	3 849.9	37.6	1 819.7	255.7
Germany	71.6		6.0	1.1	5 767.7	59.8	3 974.7	1 451.9
Greece	277.3	23.3	4.4	1.4	2 604.4	20.1	1 292.8	333.0
Hungary	123.2	14.4	1.9	0.3	4 902.6	25.3	1 911.1	596.7
Iceland	76.4	15.3	3.1	3.1	5 128.5	91.6	2 358.1	384.9
Ireland	29.0		3.5		6 705.6		1 825.4	213.4
Israel	73.3		3.0	1.3	5 435.1	132.7	2 640.2	456.1
Italy	127.5		4.3		4 627.1	33.1	2 352.7	530.5
Kazakhstan	53.3	3.2	2.8		1 900.1	28.2	370.1	350.2
Kyrgyzstan	50.9	2.1	0.7		243.9	3.1	82.4	26.6
Latvia	71.5	14.2	2.0	0.5	6 490.7	20.6	3 232.6	353.4
Lithuania			1.7	0.7	6 195.3	26.6	2 426.0	1 135.6
Luxembourg	98.4	9.0	1.8	1.8	4 885.7	3.6	1 740.0	325.4
Malta	35.1	23.4	2.3	2.3	3 694.7	81.9	1 249.5	521.8
Netherlands	57.7	10.3	1.8	0.9	3 259.9		2 134.1	787.8
Norway	83.7	9.6	1.5	1.0	6 034.4		2 413.8	622.9
Poland	81.5	18.5	4.2	0.5	5 997.6	23.8	3 214.0	757.1
Portugal	86.1	4.5	2.7	0.5	3 520.0	35.8	1 328.9	337.0
Republic of Georgia	266.7	7.9	5.3		1 885.9	27.4	1 305.6	580.2
Republic of Moldova	59.0	2.0	1.1	0.0	646.7	1.7	296.6	153.2
Romania	63.0	4.4	1.0	0.2	2 260.3	4.3	753.4	351.6
Serbia	109.4	9.0	2.6	0.1	2 882.4	36.3	1 260.1	336.0
Slovak Republic	50.0	6.1	1.1	0.6	4 023.0	11.4	1 639.0	575.6
Slovenia	67.9	12.1	2.4	0.5	4 753.5		2 087.4	728.2
Spain	43.0	8.1	2.2	1.1	2 581.7	12.7	1 413.8	298.1
Sweden	85.6	14.4	2.8	0.7	4 005.1		2 279.4	
Switzerland	63.1				5 783.7		2 723.3	
TFYR Macedonia	38.5	7.7	3.9	0.5	3 136.2	30.4	1 206.2	723.7
Turkey	28.0	19.6	3.4	0.1	7 094.6	58.0	2 708.8	670.8
Ukraine	60.7	4.4	0.8	0.0	593.5		222.0	75.1
High Income Median	76.4	14.3	2.8	0.9	4 894.2	26.6	2 110.7	456.1
High Income Mean	86.3	14.7	3.0	1.1	4 915.8	41.0	2 160.1	527.2
High Income Min	29.0	4.5	1.1	0.3	2 427.1	3.6	1 249.5	213.4
High Income Max	277.3	31.0	6.0	3.1	9 117.2	132.7	3 974.7	1 451.9
Middle Income Median	60.7	6.2	2.1	0.1	1 900.1	8.7	723.8	336.0
Middle Income Mean	86.1	7.4	2.5	0.2	2 411.9	19.2	1 050.6	375.1
Middle Income Min	28.0	2.0	0.7	0.0	243.9	1.7	82.4	26.6
Middle Income Max	266.7	19.6	6.6	0.5	7 094.6	58.0	3 602.9	1 042.0
Total Median	72.8	9.6	2.7	0.7	4 571.2	25.9	1 825.4	414.6
Total Mean	86.3	11.8	2.8	0.9	4 121.9	33.5	1 808.3	475.2
Total Min	28.0	2.0	0.7	0.0	243.9	1.7	82.4	26.6
Total Max	277.3	31.0	6.6	3.1	9 117.2	132.7	3 974.7	1 451.9

**Source:** ESC Atlas of Cardiology

**Notes:** Rates are estimated based on the World Bank 2014 population by country; PCI: percutaneous coronary intervention; TAVI: transaortic valve intervention; CHD: congenital heart disease:

**Data unavailable:** Croatia, Montenegro, Republic of Kosovo, Republic of San Marino, UK, Morocco, Algeria, Syrian Arab Republic, Egypt, Lebanon, Libya, Russian Federation, Armenia, Belarus, Lithuania

**Table S27. Arrhythmias and heart failure infrastructure and procedures, per million people, 2014 or latest year, ESC member countries**

	Infrastructure						Procedures					
	EP Specialists	Centres implanting CRT-Ds	Centres implanting CRT-Ps	Centres implanting ICDs	Centres implanting PMs	Centres undertaking EP studies	EP Studies	Ablations	CRT-D implantations	CRT-P implantations	ICD implantations	PM Implantations
	Albania	3.8	0.3	0.3	1.4	2.1	0.7	8.6	2.8	0.7	0.7	1.4
Algeria		0.2	0.2	0.2	0.5			6.2	0.9	0.5	1.5	64.4
Armenia		1.0	0.0	1.0	1.0			43.9	1.3	0.0	8.3	42.9
Austria		3.5	3.1	4.1	9.9	2.2	366.8	350.0	68.9	34.8	115.7	940.2
Azerbaijan	0.2	0.3	0.0	0.3	0.4	0.2	21.0	18.9	2.1	0.0	3.1	10.5
Belarus		0.6	0.6	1.1	1.1			85.1			17.9	313.2
Belgium		3.8	3.8	3.8	8.7	3.8	379.5	545.4	77.8	40.8	159.4	809.7
Bosnia and Herzegovina	0.5	0.5	0.5	1.3	1.8	0.3			2.6	3.4	2.4	23.3
Bulgaria	1.5	0.7	0.7	0.7	2.5		104.8	68.0	2.2	41.1	6.8	457.0
Croatia		2.6	2.6	2.8	4.2			201.0	9.2	20.1	40.8	613.7
Cyprus	2.6	3.5	3.5	3.5	4.3	2.6	143.0	123.1	12.1	1.7	63.3	216.7
Czech Republic	14.0	1.6	2.5	1.6	3.4	1.9	880.8	556.3	138.0	45.3	341.5	937.1
Denmark	4.9	0.9	0.9	1.1	2.5	1.1	53.3	667.3	97.6	73.5	213.5	853.9
Egypt		0.2	0.2	0.2	0.4			15.1	1.2	4.7	2.6	37.1
Estonia	3.8	1.5	1.5	1.5	3.8	1.5	26.6	312.7	18.3	20.5	91.3	801.8
Finland		2.6	2.4	3.7	3.7	1.5	78.5	405.0	51.3	29.0	135.0	769.3
France		2.2	2.2	2.4	6.8	3.2		500.8	91.3	52.6	206.0	1 007.6
Germany		8.3	8.3	8.2	11.8		633.1	754.9	122.4	20.4	365.8	940.6
Greece	16.9	1.5	1.5	2.2	5.1	2.6	136.8	131.3	41.0	4.6	95.8	711.3
Hungary	4.7	1.3	1.3	1.3	1.7	1.1	564.5	339.2	50.6	48.8	95.0	620.9
Iceland	9.2	3.1	3.1	3.1	6.1	3.1	30.9	247.1	18.5	24.7	166.8	969.8
Ireland		3.7	3.7	3.7	3.7			217.5	67.6	14.6	172.0	455.2
Israel		2.7	2.7	2.7	2.7	2.3	37.9	252.8	91.8	21.7	131.2	535.5
Italy		6.2	6.2	6.5	7.1	4.9			168.2	34.7	225.8	1 043.6
Kazakhstan		0.5	0.5	0.7	1.6	0.4	0.5	84.5	5.2	1.8	8.3	79.1
Kyrgyzstan		0.3	0.3	0.2	0.9	0.3	7.2	9.9	0.2	0.5		21.6
Latvia	3.0	1.0	1.0	1.0	1.0	1.0	338.6	320.0	38.6	14.0	37.6	619.9
Lebanon		2.7	2.7	2.7	2.7			26.7	26.7	1.8	53.5	160.4
Lithuania	4.8	1.0	1.0	1.0	1.4	1.0	33.1	301.8	10.9	54.6	45.7	834.5
Luxembourg	5.4	1.8	1.8	9.0	9.0	1.8	318.2	284.0	43.1	18.0	154.6	660.7
Malta	4.7	2.3	2.3	2.3	2.3	2.3	72.5	11.7	51.5	14.0	63.2	503.1
Montenegro		1.6	1.6	1.6	1.6			106.1	16.1	19.3	65.9	292.7
Morocco		0.2	0.2	0.2	0.3			5.0	0.5	1.3	0.8	43.2
Netherlands		1.7	5.4	1.7	5.4	0.9		428.0	105.2	31.4	269.9	619.5
Norway	3.5	1.9	1.9	2.1	4.4	1.0		501.8	61.7	29.2	156.3	581.8
Poland	15.8	1.2	1.2	3.2	3.9	2.2	32.9	239.2	78.9	18.9	221.0	749.0
Portugal	1.9	2.3	2.3	3.0	3.7	1.8		184.0	49.8	17.1	89.9	849.0
Republic of Georgia		1.3	1.3	2.6	2.6	1.6	5.1	53.9	0.5	1.3	35.0	120.5
Republic of Kosovo			0.6	1.1							1.7	70.1
Republic of Moldova	1.4	0.3	0.3	0.3	0.3	0.3	6.2				1.1	102.9
Romania	0.8	0.6	0.6	0.8	1.2	0.6		68.2	6.2	8.3	16.7	213.9
Russian Federation		0.3	0.3	0.4	1.0			166.0	5.7	0.3	12.3	263.1
Serbia	1.0	0.8	0.8	1.4	2.4	0.3	101.5	114.3	10.9	34.1	64.1	512.9
Slovak Republic	4.8	0.9	0.9	0.7	2.6	0.7	77.5	197.7	63.1	20.3	109.1	637.8
Slovenia	3.9	1.0	1.0	1.0	3.4	1.0		211.9	45.1	27.6	84.4	710.0
Spain	3.1	2.8	2.8	3.3	4.9	1.7	250.8	257.1	39.9	18.3	102.4	773.1
Sweden	10.3	2.5	2.5	3.1	4.4	1.0	529.1	460.4	74.2	56.8	199.1	1 000.2
Switzerland		5.9	5.9	6.4	9.3			627.1	45.8	25.4	163.8	799.0
TFYR Macedonia	2.9	1.0	1.0	1.0	1.0	1.0	38.6	38.6	2.4	5.3	5.8	155.4
Tunisia		0.7	0.7	0.7	1.8			77.3	5.5	10.9	12.7	200.1
Turkey		2.5	2.5	2.5	2.5	1.1	96.7	154.8	27.7	4.0	90.3	129.0
Ukraine		0.2	0.2	0.2	0.8	0.2		52.3	0.3	1.6	1.3	115.9
United Kingdom		2.0	2.0	2.0	3.2			272.0	83.1	64.1	100.2	698.5
High Income Median	4.7	2.3	2.4	2.7	4.1	1.8	139.9	301.8	56.6	25.1	133.1	759.1
High Income Mean	6.5	2.6	2.7	3.1	4.8	1.9	249.2	341.4	63.9	29.9	147.2	742.1
High Income Min	1.9	0.9	0.9	0.7	1.0	0.7	26.6	11.7	9.2	1.7	37.6	216.7
High Income Max	16.9	8.3	8.3	9.0	11.8	4.9	880.8	754.9	168.2	73.5	365.8	1 043.6
Middle Income Median	1.2	0.6	0.5	0.7	1.1	0.4	14.8	53.1	2.3	1.8	7.5	115.9
Middle Income Mean	1.5	0.8	0.7	1.0	1.4	0.6	39.0	59.9	6.0	7.0	18.8	152.5
Middle Income Min	0.2	0.2	0.0	0.2	0.3	0.2	0.5	2.8	0.2	0.0	0.8	10.5
Middle Income Max	3.8	2.7	2.7	2.7	2.7	1.6	104.8	166.0	27.7	41.1	90.3	512.9
Total Median	3.8	1.4	1.4	1.6	2.6	1.1	78.0	197.7	33.2	18.6	75.2	535.5
Total Mean	5.0	1.8	1.9	2.1	3.3	1.5	179.2	226.5	40.7	20.8	92.9	486.2
Total Min	0.2	0.2	0.0	0.2	0.3	0.2	0.5	2.8	0.2	0.0	0.8	10.5
Total Max	16.9	8.3	8.3	9.0	11.8	4.9	880.8	754.9	168.2	73.5	365.8	1 043.6

Source: ESC Atlas of Cardiology

**Notes:** EP: electrophysiology study; PM: pacemaker; ICD: implantable cardiac defibrillator; CRT: cardiac resynchronization therapy; ABL: ablation; CRT-D: CRT defibrillator; CRT-P: CRT pacemaker;

**Data unavailable:** Syrian Arab Republic, Republic of San Marino

**Table S28. Cardiac surgery infrastructure and procedures, per million people, 2015 or latest year, ESC member countries**

	Infrastructure				Procedures		
	Cardiac surgeons	Cardiac surgery centres	Transplantation centres	CHD Centres	CABG	CHD surgeries	Heart transplantations
Albania	5.9	2.1	0.0	2.1	335.2	39.4	0.0
Armenia							
Austria	13.5		0.4	1.2	452.4	85.5	7.4
Azerbaijan	2.0	0.5	0.0	0.2	304.1	8.3	0.0
Belgium		2.7	0.6	0.6	454.3		
Bosnia and Herzegovina	6.5	1.0	0.0	0.3	143.0	10.0	0.0
Bulgaria		1.2	0.1	0.3	347.7		0.3
Cyprus	6.9	2.6	0.0		433.4		0.0
Czech Republic	7.6	1.2	0.2	0.7	500.5	71.8	6.9
Denmark	15.4	0.7	0.4	0.4	387.3	70.9	5.7
Estonia	9.1	1.5	0.0	0.8	332.4	36.5	0.0
Finland	21.2	1.1	0.2	0.2	315.7		2.8
France	4.2	1.0	0.2	0.2	226.7	51.5	5.1
Germany	14.2	1.0	0.3		487.3	67.9	3.6
Greece	32.6	2.4	0.1	0.4	501.6	50.2	0.8
Hungary	5.1	0.8	0.2	0.2	277.7	49.0	4.5
Iceland	15.3	3.1	0.0	3.1	650.6	61.1	0.0
Ireland	7.1	0.9	0.2				
Israel	6.3	1.5	0.3	0.6	307.3	148.0	1.8
Italy	19.4	1.5	0.2		260.2		4.0
Kazakhstan	8.6	1.7	0.1		281.7	140.8	0.1
Kyrgyzstan	2.9	0.5	0.2	0.5	17.5	62.9	
Latvia	17.9	1.0	0.5	1.0	260.8	9.0	1.0
Lithuania		1.0	0.7	0.7	613.5	141.5	3.8
Luxembourg	5.4	1.8		1.8	417.0	5.4	
Malta	11.7	2.3	2.3	2.3	479.7	51.5	2.3
Netherlands	6.5	0.9	0.2		716.2	90.8	2.2
Norway	6.7	1.0	0.2	0.2	377.8	52.4	13.0
Poland	7.1	1.0	0.1	0.7	425.9	69.6	2.3
Portugal	9.9	1.1	0.4	0.9	246.2	56.0	5.5
Republic of Georgia	7.7			0.3	395.1	144.3	
Republic of Moldova	6.7	0.6	0.0	0.6	57.4	114.4	0.0
Romania	3.3	0.7	0.2	0.5			
Serbia	14.5	0.7	0.1	0.4	439.0	34.9	0.6
Slovak Republic	4.2	0.6	0.2	0.2	293.6	55.7	3.1
Slovenia		1.5	0.5	0.5			
Spain	8.2	1.2	0.4	0.4	158.9	48.0	5.2
Sweden	26.5	0.8	0.2	0.2	324.2	7.1	5.3
TFYR Macedonia	1.9	1.4	0.0	1.4	260.6	4.3	0.0
Turkey	12.7	3.7	0.2		838.5		
Ukraine	15.4	0.3			65.9		
High Income Median	8.7	1.1	0.2	0.6	387.3	55.7	3.6
High Income Mean	11.7	1.4	0.3	0.8	396.1	60.9	3.8
High Income Min	4.2	0.6	0.0	0.2	158.9	5.4	0.0
High Income Max	32.6	3.1	2.3	3.1	716.2	148.0	13.0
Middle Income Median	6.6	0.9	0.1	0.4	292.9	39.4	0.0
Middle Income Mean	7.3	1.2	0.1	0.6	290.5	62.2	0.1
Middle Income Min	1.9	0.3	0.0	0.2	17.5	4.3	0.0
Middle Income Max	15.4	3.7	0.2	2.1	838.5	144.3	0.6
Total Median	7.6	1.1	0.2	0.5	335.2	54.0	2.3
Total Mean	10.3	1.3	0.3	0.7	361.8	61.3	2.8
Total Min	1.9	0.3	0.0	0.2	17.5	4.3	0.0
Total Max	32.6	3.7	2.3	3.1	838.5	148.0	13.0

**Source:** ESC Atlas of Cardiology

**Notes:** CABG: coronary artery bypass grafting surgery; CHD: surgery for congenital heart disease;

**Data unavailable:** Croatia, Republic of Kosovo, UK, Republic of San Marino, Montenegro, Russian Federation, Armenia, Belarus, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table 29a Total numbers of deaths by cause, male, latest available year, ESC member countries**

	Year	All causes	IHD	Stroke	Other CVD	TStomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
Albania	2009	8 525	1 658	1 589	1 349	194	58	480	4	948	265	688	1 292
Armenia	2014	14 219	4 442	1 090	890	286	215	967	8	1 704	981	875	2 761
Austria	2014	37 424	7 041	1 904	5 019	493	1 175	2 450	14	7 025	2 054	2 644	7 605
Azerbaijan	2007	26 517	3 380	3 959	6 195	379	105	428	8	1 896	1 579	1 745	6 843
Belarus	2014	61 274	24 096	5 810	2 765	1 124	1 089	2 550	6	5 387	1 508	7 588	9 351
Belgium	2013	53 908	4 783	2 841	6 800	458	1 507	4 597	19	9 428	6 032	3 974	13 469
Bosnia and Herzegovina	2014	18 360	2 082	1 893	4 345	315	527	1 468	10	2 249	822	805	3 844
Bulgaria	2013	54 827	6 944	9 316	16 834	780	1 549	2 959	21	5 625	2 158	2 153	6 488
Croatia	2014	24 965	4 912	3 016	2 384	464	1 237	2 074	15	4 273	1 344	1 616	3 630
Cyprus	2013	2 888	438	165	365	35	67	202	1	457	235	205	718
Czech Republic	2014	53 740	12 603	3 885	6 001	631	2 041	3 588	10	8 982	3 520	3 860	8 619
Denmark	2012	25 695	2 426	1 499	2 517	259	981	1 960	9	5 017	2 637	1 286	7 104
Estonia	2014	7 465	1 495	363	1 484	170	215	533	2	1 140	372	754	937
Finland	2014	25 864	5 532	1 786	2 178	244	646	1 381	4	4 201	1 149	2 318	6 425
France	2013	280 064	19 445	13 082	31 710	2 986	9 047	22 192	126	57 720	18 996	21 344	83 416
Germany	2014	422 223	64 467	22 012	62 059	5 545	13 580	29 560	134	76 301	31 744	20 845	95 976
Greece	2012	60 136	7 312	6 674	9 444	835	1 470	5 474	41	9 480	5 733	2 659	11 014
Hungary	2014	61 992	14 589	5 269	7 784	904	2 848	5 456	26	8 763	3 794	3 936	8 623
Iceland	2009	1 033	204	75	102	13	41	63	0	200	71	79	185
Ireland	2013	14 958	2 707	803	1 281	179	592	1 074	9	2 888	1 685	1 064	2 676
Israel	2013	20 479	2 179	1 064	1 576	287	676	1 242	12	3 238	1 607	1 164	7 434
Italy	2012	295 831	37 958	23 951	37 752	5 811	10 406	24 885	133	58 559	23 603	13 783	58 990
Kazakhstan	2015	71 389	7 218	5 804	5 123	1 267	783	2 202	15	4 478	10 127	11 308	23 064
Kyrgyzstan	2013	19 714	5 575	2 417	1 027	401	115	361	2	930	1 280	2 437	5 169
Latvia	2014	13 557	3 551	1 717	1 431	252	336	760	3	1 922	476	1 419	1 690
Lithuania	2014	20 110	6 248	1 973	1 230	413	496	1 076	8	2 604	820	2 571	2 671
Luxembourg	2014	1 919	205	85	253	31	66	171	0	383	132	146	447
Malta	2014	1 655	352	116	109	27	60	142	0	303	171	75	300
Montenegro	2009	3 012	256	203	1 059	22	34	208	0	240	165	167	658
Netherlands	2013	68 360	5 354	3 747	8 925	811	2 625	6 215	21	14 094	6 312	3 555	16 701
Norway	2014	19 685	2 220	1 114	2 143	179	784	1 198	6	3 722	1 865	1 547	4 907
Poland	2014	195 791	21 044	13 365	44 408	3 379	6 423	15 847	49	29 557	11 611	16 199	33 909
Portugal	2014	53 498	4 178	5 117	5 279	1 382	2 200	3 084	22	9 246	6 308	3 151	13 531
Republic of Georgia	2014	24 851	2 943	2 592	4 145	289	175	780	14	1 874	767	1 400	9 872
Republic of Moldova	2014	20 606	6 533	2 701	1 033	284	452	750	6	1 946	1 185	2 392	3 324
Romania	2014	133 056	25 174	19 867	23 864	2 285	3 345	8 000	62	16 420	8 323	7 861	17 855
Russian Federation	2011	997 494	268 484	128 650	88 884	19 031	17 082	41 767	232	78 032	52 144	153 544	149 644
Serbia	2014	51 010	5 382	5 477	13 832	618	1 545	3 798	34	6 379	2 877	2 247	8 821
Slovak Republic	2014	26 498	6 138	2 358	2 044	371	1 133	1 607	12	4 527	1 578	2 222	4 508
Slovenia	2010	9 292	1 108	829	1 134	241	443	805	7	1 749	561	989	1 426
Spain	2014	203 028	19 510	11 647	23 098	3 340	9 276	17 251	95	37 467	25 014	9 648	46 682
Sweden	2014	43 440	6 947	2 857	5 848	355	1 417	1 805	6	8 611	2 775	3 028	9 791
Switzerland	2013	31 257	4 097	1 465	4 157	344	894	1 960	5	6 243	2 167	2 177	7 748
TFYR Macedonia	2010	10 168	1 086	1 801	2 613	252	219	667	3	1 077	401	422	1 627
Turkey	2013	196 709	32 257	16 167	22 053	4 317	3 720	19 017	59	22 587	21 077	14 292	41 163
Ukraine	2014	310 671	126 762	35 465	20 992	4 860	5 771	10 959	67	24 888	10 619	31 811	38 477
United Kingdom	2013	279 171	43 056	16 260	20 619	2 950	8 781	19 511	94	56 175	39 372	14 078	58 275
<b>Total</b>		<b>4 378 328</b>	<b>836 371</b>	<b>395 840</b>	<b>516 137</b>	<b>70 093</b>	<b>118 247</b>	<b>275 524</b>	<b>1 434</b>	<b>610 935</b>	<b>320 016</b>	<b>384 071</b>	<b>849 660</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke;

**Data unavailable:** Republic of Kosovo Republic of San Marino Algeria Egypt Lebanon Libya Morocco Syrian Arab Republic, Tunisia

**Table 29b Total numbers of deaths by cause, female, latest available year, ESC member countries**

	Year	All causes	IHD	Stroke	Other CVD	Stomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
Albania	2009	7 137	1 306	1 907	1 319	108	48	128	143	509	208	203	1 258
Armenia	2014	13 495	4 128	1 547	1 170	181	268	192	468	1 412	881	364	2 884
Austria	2014	40 828	7 244	3 040	8 888	360	989	1 458	1 535	5 661	1 680	1 620	8 353
Azerbaijan	2007	23 922	2 695	5 130	6 285	229	118	119	251	1 499	1 488	520	5 588
Belarus	2014	60 268	24 881	7 904	2 017	719	1 107	339	1 106	3 900	357	2 096	15 842
Belgium	2013	55 426	3 444	4 144	9 302	284	1 391	1 886	2 290	6 870	5 330	2 857	17 628
Bosnia and Herzegovina	2014	17 620	1 800	2 293	5 493	196	382	390	520	1 764	549	244	3 989
Bulgaria	2013	49 518	5 734	11 147	17 935	478	1 041	665	1 274	3 882	1 354	612	5 396
Croatia	2014	25 874	5 919	4 284	3 597	307	857	753	1 071	3 155	883	1 134	3 914
Cyprus	2013	2 384	205	201	449	32	48	32	107	316	189	85	720
Czech Republic	2014	51 925	13 436	5 525	7 177	468	1 499	1 671	1 581	7 132	2 690	1 854	8 892
Denmark	2012	26 316	1 944	1 847	2 863	155	917	1 785	1 123	3 633	3 069	806	8 174
Estonia	2014	8 005	1 909	581	2 418	139	240	182	251	1 015	178	221	871
Finland	2014	26 545	4 805	2 642	2 700	169	583	771	813	3 458	688	1 159	8 757
France	2013	276 183	13 993	18 535	42 180	1 681	7 884	8 024	11 681	38 426	17 837	14 596	101 346
Germany	2014	446 133	56 699	33 220	99 599	4 065	11 932	15 524	17 670	56 460	26 860	13 822	110 282
Greece	2012	56 533	4 491	9 194	12 601	483	1 095	1 271	1 990	6 062	5 651	807	12 888
Hungary	2014	64 316	17 550	7 121	10 473	698	2 202	3 277	2 107	7 011	3 114	1 952	8 811
Iceland	2009	969	146	84	118	3	22	69	36	130	104	39	218
Ireland	2013	14 546	1 935	1 156	1 591	119	440	757	704	2 199	1 819	427	3 399
Israel	2013	21 000	1 786	1 265	2 166	187	698	604	1 052	2 966	1 565	589	8 122
Italy	2012	317 689	37 140	37 304	56 055	4 189	8 796	8 653	12 004	43 917	19 841	9 992	79 798
Kazakhstan	2015	59 640	5 355	6 787	3 702	674	812	515	1 290	4 417	8 294	3 160	24 634
Kyrgyzstan	2013	15 166	5 574	2 361	675	198	109	116	217	1 038	889	719	3 270
Latvia	2014	14 644	4 536	3 157	1 679	202	353	186	439	1 627	220	451	1 794
Lithuania	2014	20 142	8 481	3 537	1 054	285	436	262	512	2 089	359	767	2 360
Luxembourg	2014	1 786	119	139	362	19	40	82	85	254	125	94	467
Malta	2014	1 615	337	160	157	14	46	28	75	238	140	32	388
Montenegro	2009	2 854	161	317	1 222	17	47	65	73	185	110	65	592
Netherlands	2013	72 885	3 912	5 653	10 872	529	2 351	4 062	3 161	10 287	5 957	2 888	23 213
Norway	2014	20 659	1 872	1 591	2 776	122	780	960	663	2 674	1 885	1 028	6 308
Poland	2014	180 676	17 494	17 644	55 779	1 874	4 988	7 363	5 975	24 874	8 760	5 201	30 724
Portugal	2014	51 721	3 278	6 691	7 743	911	1 608	853	1 664	5 772	5 856	1 667	15 678
Republic of Georgia	2014	24 236	3 043	3 153	4 743	190	165	136	515	1 487	574	534	9 696
Republic of Moldova	2014	18 888	8 090	3 293	1 200	196	381	200	482	1 275	522	643	2 606
Romania	2014	121 735	25 496	24 815	29 844	1 163	2 518	2 188	3 343	11 260	5 065	2 222	13 821
Russian Federation	2011	928 226	299 698	204 154	86 588	14 182	20 871	8 673	23 320	69 255	22 075	45 814	133 596
Serbia	2014	50 237	4 589	6 842	17 871	339	1 050	1 427	1 648	4 968	2 192	828	8 483
Slovak Republic	2014	24 847	7 200	2 829	2 320	285	856	567	898	3 372	1 150	944	4 426
Slovenia	2010	9 317	943	1 144	2 173	153	343	316	416	1 412	558	526	1 333
Spain	2014	194 898	13 573	16 071	34 434	2 206	6 227	4 069	6 249	24 341	18 979	5 593	63 156
Sweden	2014	45 622	5 626	3 731	7 539	257	1 354	1 845	1 398	6 289	2 777	1 813	12 993
Switzerland	2013	33 704	3 628	2 238	5 927	225	766	1 209	1 329	4 274	1 949	1 642	10 517
TFYR Macedonia	2010	8 945	666	2 017	2 884	126	163	135	308	755	310	166	1 415
Turkey	2013	160 824	22 987	19 704	29 059	2 294	2 702	3 169	3 541	14 817	14 073	5 316	43 162
Ukraine	2014	321 625	164 683	52 425	25 280	3 051	5 733	2 284	7 275	19 006	4 191	8 324	29 373
United Kingdom	2013	297 287	29 968	24 027	25 865	1 754	7 501	16 011	11 476	41 589	44 014	8 186	86 896
<b>Total</b>		<b>4 288 811</b>	<b>854 499</b>	<b>574 551</b>	<b>658 144</b>	<b>46 516</b>	<b>104 757</b>	<b>105 271</b>	<b>136 129</b>	<b>458 932</b>	<b>247 359</b>	<b>154 622</b>	<b>948 031</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke.

**Data unavailable** Republic of Kosovo Republic of San Marino Algeria Egypt Lebanon Libya Morocco Syrian Arab Republic Arab Republic Tunisia

**Table S30a. Number of deaths under 75 years by cause, males, latest available year, ESC member countries**

	Year	All causes	Ischaemic heart disease	Stroke	Other CVD	Stomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
Albania	2009	4 603	911	555	595	137	38	351	2	633	119	644	618
Armenia	2014	7 866	2 207	483	345	180	123	684	6	1 053	366	736	1 683
Austria	2014	16 796	2 389	564	1 181	229	595	1 653	5	3 675	752	1 784	3 969
Azerbaijan	2007	19 570	2 384	2 364	4 176	293	85	382	6	1 598	1 114	1 685	5 483
Belarus	2014	40 694	13 951	3 475	2 050	848	732	2 113	5	4 228	1 119	7 169	5 004
Belgium	2013	21 991	1 834	740	1 807	227	688	2 659	7	4 486	1 647	2 703	5 193
Bosnia and Herzegovina	2014	10 132	1 213	758	1 782	206	328	1 102	8	1 458	361	684	2 232
Bulgaria	2013	29 867	3 627	3 745	7 717	497	903	2 416	15	3 816	1 165	1 786	4 180
Croatia	2014	12 442	2 115	1 051	870	256	675	1 480	8	2 408	414	1 129	2 036
Cyprus	2013	1 255	233	45	100	27	29	135	0	241	60	138	247
Czech Republic	2014	29 417	5 441	1 459	2 911	396	1 261	2 612	6	5 624	1 660	3 024	5 023
Denmark	2012	11 656	937	492	822	164	511	1 139	2	2 674	759	923	3 233
Estonia	2014	4 363	691	158	734	99	107	356	0	659	192	677	690
Finland	2014	11 902	2 097	594	938	132	336	827	4	2 108	434	1 753	2 679
France	2013	117 569	7 091	3 480	7 790	1 529	3 922	14 929	56	28 093	4 415	13 400	32 864
Germany	2014	177 671	22 163	6 202	17 687	2 839	6 429	18 032	74	37 210	10 210	13 273	43 552
Greece	2012	22 887	3 897	1 501	1 999	407	613	3 270	21	4 341	1 191	2 171	3 476
Hungary	2014	36 953	6 958	2 465	3 828	549	1 811	4 294	21	6 153	2 046	3 049	5 779
Iceland	2009	405	60	18	33	5	20	36	0	92	15	68	58
Ireland	2013	6 814	1 134	246	458	107	316	649	5	1 526	382	955	1 036
Israel	2013	8 768	693	338	504	155	296	778	5	1 656	462	860	3 021
Italy	2012	103 753	11 184	4 540	9 066	2 642	4 628	12 816	66	26 305	4 123	8 239	20 144
Kazakhstan	2015	53 887	5 299	3 873	4 175	1 032	590	1 876	10	3 674	6 005	10 951	16 402
Kyrgyzstan	2013	14 989	2 902	1 648	835	311	91	301	1	746	876	2 387	4 891
Latvia	2014	8 418	1 827	743	923	160	191	523	1	1 231	305	1 303	1 211
Lithuania	2014	12 117	2 706	835	916	267	268	767	6	1 576	432	2 346	1 998
Luxembourg	2014	823	98	24	79	16	27	102	0	186	33	104	154
Malta	2014	746	149	33	36	16	37	82	0	175	43	49	126
Montenegro	2009	1 852	171	90	551	14	23	162	0	162	101	143	435
Netherlands	2013	28 986	2 286	1 161	2 803	427	1 419	3 530	11	7 428	1 602	2 204	6 115
Norway	2014	7 706	842	257	539	99	374	709	6	1 636	464	1 020	1 760
Poland	2014	116 019	11 768	6 677	19 543	2 173	3 775	11 336	28	18 909	4 950	14 281	22 579
Portugal	2014	21 374	1 919	1 348	1 347	727	1 012	2 011	10	4 640	1 299	2 082	4 979
Republic of Georgia	2014	14 256	1 433	1 044	1 903	188	116	598	11	1 336	437	1 215	5 975
Republic of Moldova	2014	14 749	3 431	1 580	673	230	355	665	4	1 627	898	2 275	3 011
Romania	2014	73 706	11 461	7 523	8 944	1 476	1 995	6 386	34	11 297	4 556	6 945	13 089
Russian Federation	2011	749 653	175 887	75 287	67 616	14 627	11 870	34 450	175	61 421	39 935	145 408	122 977
Serbia	2014	26 242	2 917	2 140	4 908	372	957	3 028	19	4 078	1 306	1 752	4 765
Slovak Republic	2014	16 245	2 910	1 163	1 186	244	723	1 180	7	3 059	773	1 857	3 143
Slovenia	2010	5 025	558	296	381	124	245	551	3	1 031	149	754	933
Spain	2014	76 872	7 736	2 912	5 957	1 679	4 067	10 556	48	17 553	5 123	6 380	14 861
Sweden	2014	15 589	2 283	730	1 304	182	664	969	5	3 674	686	1 950	3 142
Switzerland	2013	11 892	1 209	317	1 001	200	415	1 197	2	2 891	565	1 340	2 755
TFYR Macedonia	2010	5 723	723	812	974	179	161	560	1	749	189	353	1 022
Turkey	2013	119 075	18 897	7 199	9 588	3 136	2 509	15 075	40	15 091	9 763	12 434	25 343
Ukraine	2014	203 853	65 251	18 797	12 889	3 745	3 983	8 967	48	19 637	7 352	29 954	33 230
United Kingdom	2013	111 120	17 506	4 226	6 811	1 318	4 115	10 336	49	26 017	9 991	10 442	20 309
<b>Total</b>		<b>2 408 291</b>	<b>435 379</b>	<b>175 988</b>	<b>223 275</b>	<b>44 866</b>	<b>64 428</b>	<b>188 630</b>	<b>841</b>	<b>349 861</b>	<b>130 839</b>	<b>326 779</b>	<b>467 405</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>.

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S30b. Number of deaths under 75 years by cause, females, latest available year, ESC member countries**

	Year	Ischaemic heart				Stomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
		All causes	disease	Stroke	Other CVD								
Albania	2009	2 549	419	462	390	69	37	75	126	374	65	186	346
Armenia	2014	4 546	869	385	254	101	135	101	338	872	173	187	1 131
Austria	2014	9 828	803	390	655	139	362	982	786	2 528	420	604	2 159
Azerbaijan	2007	13 252	1 250	2 358	2 821	149	102	89	227	1 249	828	484	3 695
Belarus	2014	19 318	6 497	2 510	907	438	605	217	855	2 704	211	1 680	2 694
Belgium	2013	13 083	586	549	976	87	446	1 240	1 221	2 767	920	1 150	3 141
Bosnia and Herzegovina	2014	6 294	536	650	1 221	110	206	271	360	1 078	168	168	1 526
Bulgaria	2013	15 500	1 359	2 336	4 193	245	551	458	818	2 507	501	395	2 137
Croatia	2014	6 483	819	716	495	121	353	489	527	1 442	165	337	1 019
Cyprus	2013	627	49	24	60	12	21	25	71	177	21	32	135
Czech Republic	2014	15 710	1 916	892	1 584	223	711	1 142	896	3 876	772	826	2 872
Denmark	2012	7 836	333	302	397	86	392	1 031	640	1 755	715	343	1 842
Estonia	2014	2 114	198	110	392	62	89	95	138	459	68	161	342
Finland	2014	6 157	504	360	392	81	227	437	450	1 451	191	569	1 495
France	2013	59 661	1 688	2 106	3 486	605	2 495	5 058	6 089	14 638	1 963	4 683	16 850
Germany	2014	101 575	6 937	4 139	9 571	1 518	4 013	9 558	8 888	22 849	6 011	4 562	23 529
Greece	2012	11 359	1 040	990	1 135	198	403	715	984	2 614	678	496	2 106
Hungary	2014	21 689	3 307	1 558	2 131	315	1 080	2 420	1 331	4 001	1 237	914	3 395
Iceland	2009	245	11	9	12	2	8	34	20	63	26	21	39
Ireland	2013	4 236	312	162	242	54	192	411	428	1 068	317	277	773
Israel	2013	5 742	217	212	348	87	265	311	615	1 327	265	277	1 818
Italy	2012	61 271	3 576	3 229	4 954	1 470	3 080	4 467	6 210	17 206	2 012	2 411	12 656
Kazakhstan	2015	29 304	2 054	2 851	2 035	514	568	378	1 078	3 513	2 856	2 829	10 628
Kyrgyzstan	2013	8 434	1 527	1 071	427	140	68	94	185	845	483	684	2 910
Latvia	2014	4 327	796	559	473	103	151	104	253	822	97	295	674
Lithuania	2014	5 790	1 165	607	415	155	171	150	326	1 078	93	534	1 096
Luxembourg	2014	435	15	10	37	6	15	45	43	101	26	39	98
Malta	2014	448	63	24	27	5	17	18	40	117	22	13	102
Montenegro	2009	1 215	77	109	382	10	33	55	63	131	43	56	256
Netherlands	2013	19 865	783	824	1 412	219	1 026	2 751	1 841	4 745	1 350	902	4 012
Norway	2014	4 813	244	198	230	48	296	591	348	1 132	360	349	1 017
Poland	2014	57 676	3 977	3 923	8 557	985	2 357	5 382	3 953	13 713	2 349	2 736	9 744
Portugal	2014	10 866	583	832	805	375	617	488	864	2 471	526	693	2 612
Republic of Georgia	2014	7 654	633	721	1 054	93	96	86	382	958	198	300	3 133
Republic of Moldova	2014	8 716	2 236	1 232	478	136	258	150	366	974	283	529	2 074
Romania	2014	39 177	5 393	5 189	5 223	598	1 259	1 504	2 158	6 995	1 892	1 590	7 376
Russian Federation	2011	395 500	92 250	59 884	35 772	8 472	12 049	5 612	17 591	47 778	12 299	38 122	65 671
Serbia	2014	16 110	1 340	1 635	3 070	187	584	1 084	1 078	3 066	766	472	2 828
Slovak Republic	2014	8 366	1 274	650	593	154	409	395	552	1 956	346	435	1 602
Slovenia	2010	2 385	151	166	189	44	133	181	212	597	49	195	468
Spain	2014	37 162	1 856	1 749	2 979	795	2 090	2 630	3 201	9 719	1 899	2 071	8 173
Sweden	2014	10 312	818	427	649	117	537	1 041	736	2 623	600	750	2 014
Switzerland	2013	7 191	339	249	482	100	300	728	691	1 721	355	522	1 704
TFYR Macedonia	2010	3 739	333	724	721	82	100	110	247	534	131	110	647
Turkey	2013	67 954	7 732	6 019	7 827	1 429	1 609	2 101	2 812	9 733	4 659	3 493	20 540
Ukraine	2014	112 237	40 451	14 756	5 513	1 961	3 492	1 542	5 486	13 993	1 995	6 603	16 445
United Kingdom	2013	75 977	5 718	3 311	4 350	675	2 795	8 077	6 090	18 189	7 805	3 577	15 390
<b>Total</b>		<b>1 324 728</b>	<b>205 034</b>	<b>132 169</b>	<b>120 316</b>	<b>23 575</b>	<b>46 803</b>	<b>64 923</b>	<b>82 614</b>	<b>234 509</b>	<b>59 209</b>	<b>88 662</b>	<b>266 914</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S31a. Number of deaths under 65 years by cause, male, latest available year, ESC member countries**

	Year	All causes	IHD	Stroke	Other CVD	Stomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
Albania	2009	2 519	443	185	266	67	17	155	2	342	57	587	398
Armenia	2014	5 231	1 381	286	199	106	57	427	4	667	203	669	1 232
Austria	2014	8 209	939	207	458	102	240	737	3	1 661	204	1 368	2 290
Azerbaijan	2007	11 751	1 267	930	2 134	147	47	229	4	977	731	1 561	3 724
Belarus	2014	27 878	7 725	1 934	1 506	551	398	1 396	4	2 867	810	6 613	4 074
Belgium	2013	11 701	888	324	807	114	284	1 267	3	2 175	602	2 253	2 984
Bosnia and Herzegovina	2014	5 593	719	285	873	99	159	626	5	810	146	571	1 300
Bulgaria	2013	16 346	1 921	1 496	3 899	233	438	1 333	6	2 085	640	1 488	2 807
Croatia	2014	6 693	1 050	398	445	144	303	799	3	1 255	161	901	1 234
Cyprus	2013	639	124	18	40	15	13	57	0	119	22	114	117
Czech Republic	2014	14 473	2 273	539	1 336	182	509	1 082	3	2 610	662	2 455	2 822
Denmark	2012	5 576	410	177	343	77	195	435	0	1 112	265	770	1 792
Estonia	2014	2 574	337	77	377	53	40	146	0	320	96	611	517
Finland	2014	6 065	850	241	494	59	154	307	1	846	137	1 380	1 596
France	2013	69 238	3 744	1 610	3 938	832	1 829	8 341	33	14 768	1 950	11 065	21 128
Germany	2014	88 837	9 704	2 312	7 782	1 410	2 755	8 296	31	16 911	3 583	10 230	25 823
Greece	2012	11 890	2 371	604	733	190	275	1 560	14	2 110	415	1 851	1 767
Hungary	2014	21 062	3 483	1 148	2 066	304	895	2 404	11	3 542	1 027	2 455	3 727
Iceland	2009	239	29	10	17	3	9	22	0	51	6	60	32
Ireland	2013	3 677	518	113	224	56	142	267	4	728	125	846	654
Israel	2013	5 117	343	138	276	88	139	396	4	858	206	769	1 900
Italy	2012	48 355	4 771	1 546	4 001	1 159	1 859	4 905	37	11 434	1 305	6 638	10 700
Kazakhstan	2015	40 881	3 670	2 522	3 325	665	366	1 225	8	2 565	3 537	10 436	12 562
Kyrgyzstan	2013	12 289	1 787	1 151	700	215	70	203	1	539	697	2 303	4 623
Latvia	2014	5 011	881	314	628	75	76	248	0	640	174	1 119	856
Lithuania	2014	7 684	1 396	381	611	144	109	408	4	843	253	2 036	1 499
Luxembourg	2014	452	56	7	35	12	8	49	0	92	17	86	90
Malta	2014	351	57	13	19	8	15	38	0	80	13	41	67
Montenegro	2009	999	82	36	260	7	8	87	0	93	45	120	261
Netherlands	2013	13 761	1 000	450	1 155	183	581	1 508	6	3 306	495	1 829	3 248
Norway	2014	3 792	388	77	217	37	162	272	5	719	129	848	938
Poland	2014	72 877	6 784	3 487	10 945	1 224	1 869	6 058	15	10 631	2 561	12 565	16 738
Portugal	2014	11 688	1 070	520	611	389	466	1 043	3	2 506	519	1 644	2 917
Republic of Georgia	2014	9 202	799	502	1 086	97	65	361	8	806	262	1 075	4 141
Republic of Moldova	2014	10 384	1 924	826	426	157	202	448	3	1 151	697	2 062	2 488
Romania	2014	44 594	6 177	3 212	4 490	779	1 009	3 820	15	6 895	2 799	5 900	9 498
Russian Federation	2011	546 532	106 739	39 230	51 670	8 956	6 289	21 744	120	40 241	29 031	135 590	106 922
Serbia	2014	14 309	1 538	884	2 280	185	451	1 790	10	2 283	634	1 400	2 854
Slovak Republic	2014	9 899	1 516	539	695	127	387	609	4	1 767	397	1 582	2 276
Slovenia	2010	2 855	284	117	170	61	108	316	2	526	50	603	618
Spain	2014	40 247	3 996	1 301	2 859	852	1 815	5 083	24	8 709	1 951	5 234	8 423
Sweden	2014	6 800	841	243	504	75	246	332	2	1 349	190	1 571	1 447
Switzerland	2013	6 077	542	118	442	99	176	520	1	1 277	190	1 106	1 606
TFYR Macedonia	2010	3 132	416	324	420	86	90	338	1	430	76	303	648
Turkey	2013	74 625	10 759	3 486	4 865	1 876	1 464	9 208	25	9 158	4 359	11 278	18 147
Ukraine	2014	137 155	32 525	9 746	9 961	2 302	2 124	5 545	25	12 828	5 227	27 624	29 248
United Kingdom	2013	56 070	8 079	1 786	3 246	567	1 764	3 950	23	11 410	3 413	9 259	12 573
<b>Total</b>		<b>1 505 329</b>	<b>238 596</b>	<b>85 850</b>	<b>133 834</b>	<b>25 169</b>	<b>30 677</b>	<b>100 390</b>	<b>477</b>	<b>189 092</b>	<b>71 069</b>	<b>292 869</b>	<b>337 306</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>.

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke.

**Missing data:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table 31b Number of deaths under 65 years by cause, female, latest available year, ESC member countries**

	Year	All causes	IHD	Stroke	Other CVD	Stomach cancer	Colo-rectal cancer	Lung cancer	Breast cancer	Other cancer	Respiratory disease	Injuries and poisoning	All other causes
Albania	2009	1 294	144	123	178	46	18	38	99	229	43	166	210
Armenia	2014	2 491	325	166	107	51	77	55	248	560	80	147	675
Austria	2014	4 528	212	148	198	76	155	495	449	1 153	112	403	1 127
Azerbaijan	2007	6 529	430	700	1 086	73	66	56	187	862	536	413	2 120
Belarus	2014	10 427	2 186	1 043	582	262	326	127	621	1 733	139	1 450	1 958
Belgium	2013	6 887	225	222	398	50	192	689	715	1 400	386	890	1 720
Bosnia and Herzegovina	2014	2 814	206	176	418	57	109	168	231	632	72	124	621
Bulgaria	2013	7 049	460	677	1 604	117	239	275	480	1 402	285	291	1 219
Croatia	2014	2 945	238	214	151	63	169	292	314	697	50	239	518
Cyprus	2013	278	18	7	20	7	9	10	43	82	3	23	56
Czech Republic	2014	6 694	495	247	569	108	308	486	458	1 745	281	600	1 397
Denmark	2012	3 539	106	112	145	36	136	434	343	799	216	257	955
Estonia	2014	979	54	42	122	27	41	40	75	222	29	133	194
Finland	2014	2 808	147	141	156	35	101	156	254	589	65	423	741
France	2013	34 005	769	976	1 542	337	1 266	3 317	3 794	7 743	904	3 437	9 920
Germany	2014	47 723	2 338	1 544	3 425	747	1 775	4 938	4 955	10 652	2 122	3 098	12 129
Greece	2012	5 308	514	312	292	97	200	391	591	1 374	220	346	971
Hungary	2014	10 547	1 163	567	791	159	505	1 429	739	2 153	604	634	1 803
Iceland	2009	119	1	2	4	0	4	13	11	36	9	19	20
Ireland	2013	2 236	117	63	118	33	100	180	263	548	108	232	474
Israel	2013	3 132	65	81	142	58	139	162	404	726	115	218	1 022
Italy	2012	27 796	1 128	1 088	1 718	700	1 417	2 193	3 690	7 969	675	1 619	5 599
Kazakhstan	2015	19 184	899	1 530	1 383	307	339	254	822	2 502	1 428	2 618	7 102
Kyrgyzstan	2013	6 319	659	632	326	96	42	69	160	645	383	647	2 660
Latvia	2014	2 049	243	166	233	53	59	54	150	415	53	229	394
Lithuania	2014	2 910	310	190	222	81	87	75	202	579	40	423	701
Luxembourg	2014	212	5	4	10	3	7	21	24	51	10	25	52
Malta	2014	199	21	6	9	2	12	7	19	59	6	9	49
Montenegro	2009	576	34	30	145	6	10	45	43	75	16	45	127
Netherlands	2013	9 986	294	308	552	123	476	1 481	1 128	2 335	520	680	2 089
Norway	2014	2 281	74	75	87	24	142	242	214	527	107	273	516
Poland	2014	31 124	1 672	1 656	3 485	526	1 175	3 013	2 549	7 625	1 094	2 194	6 135
Portugal	2014	5 162	204	287	300	204	296	283	550	1 210	198	463	1 167
Republic of Georgia	2014	3 782	176	238	382	52	54	43	255	581	96	235	1 670
Republic of Moldova	2014	4 880	812	516	220	87	135	87	238	642	208	437	1 498
Romania	2014	19 579	1 907	1 633	1 821	279	616	889	1 395	4 195	1 077	1 203	4 564
Russian Federation	2011	223 832	33 528	21 515	21 326	4 433	6 030	3 238	11 988	29 831	8 531	32 987	50 425
Serbia	2014	7 526	490	518	1 011	105	317	697	664	1 703	351	330	1 340
Slovakia	2014	4 258	367	251	251	83	208	228	334	1 040	172	325	999
Slovenia	2010	1 165	37	65	56	18	54	109	136	279	21	125	265
Spain	2014	19 357	733	668	1 128	408	1 044	1 683	2 165	5 146	784	1 536	4 062
Sweden	2014	4 296	247	139	174	56	241	385	396	1 050	143	584	881
Switzerland	2013	3 500	119	103	180	61	138	359	385	766	117	387	885
TFYR Macedonia	2010	1 722	143	222	232	44	48	76	174	301	56	92	334
Turkey	2013	38 625	3 142	2 424	3 235	855	965	1 277	2 150	6 023	2 118	2 912	13 524
Ukraine	2014	57 406	12 153	5 310	3 341	1 102	1 807	867	3 639	8 978	1 398	5 541	13 270
United Kingdom	2013	36 482	2 140	1 329	1 850	325	1 273	3 172	3 791	8 392	2 625	2 888	8 697
<b>Total</b>		<b>696 540</b>	<b>71 750</b>	<b>48 466</b>	<b>55 725</b>	<b>12 472</b>	<b>22 927</b>	<b>34 598</b>	<b>52 535</b>	<b>128 256</b>	<b>28 606</b>	<b>72 350</b>	<b>168 855</b>

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Other CVD is defined as all circulatory diseases other than IHD and stroke;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S32. Potential years of life lost (PYLL) per 100 000, 0-74 years, by cause, by sex , latest available year, ESC member countries**

	Year	Males								Females							
		All causes		CVD		IHD		Stroke		All causes		CVD		IHD		Stroke	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%		
Albania	2009	4 669	1 384	30	582	12	274	6	2 571	725	28	194	8	184	7		
Armenia	2014	8 015	2 135	27	1 557	19	315	4	3 757	630	17	336	9	174	5		
Austria	2014	4 195	678	16	375	9	93	2	2 373	255	11	90	4	68	3		
Azerbaijan	2007	8 230	2 248	27	604	7	441	5	4 721	1 217	26	218	5	354	8		
Belarus	2014	12 888	4 184	32	2 743	21	709	6	4 475	1 309	29	680	15	364	8		
Belgium	2013	4 579	631	14	268	6	103	2	2 745	286	10	67	2	78	3		
Bosnia and Herzegovina	2014	5 757	1 730	30	640	11	265	5	3 051	784	26	188	6	163	5		
Bulgaria	2013	9 355	3 652	39	911	10	698	7	4 302	1 415	33	210	5	343	8		
Croatia	2014	6 275	1 489	24	821	13	293	5	2 889	497	17	184	6	171	6		
Cyprus	2013	3 485	807	23	537	15	80	2	1 354	197	15	75	6	29	2		
Czech Republic	2014	5 491	1 321	24	683	12	183	3	2 600	452	17	156	6	88	3		
Denmark	2012	4 112	580	14	250	6	105	3	2 649	237	9	63	2	73	3		
Estonia	2014	8 755	2 063	24	833	10	223	3	3 237	574	18	129	4	123	4		
Finland	2014	4 747	969	20	478	10	146	3	2 241	287	13	81	4	92	4		
France	2013	4 765	533	11	205	4	94	2	2 405	200	8	43	2	60	2		
Germany	2014	4 553	872	19	407	9	104	2	2 533	347	14	101	4	76	3		
Greece	2012	4 926	1 308	27	848	17	206	4	2 234	409	18	187	8	118	5		
Hungary	2014	8 130	2 259	28	1 134	14	379	5	4 001	831	21	359	9	202	5		
Iceland	2009	3 461	755	22	307	9	125	4	1 747	121	7	11	1	58	3		
Ireland	2013	3 884	671	17	384	10	96	2	2 288	249	11	84	4	48	2		
Israel	2013	3 197	324	10	136	4	56	2	1 965	133	7	27	1	34	2		
Italy	2012	3 735	675	18	288	8	103	3	2 129	266	12	65	3	74	3		
Kazakhstan	2015	12 435	2 091	17	718	6	524	4	5 799	803	14	159	3	304	5		
Kyrgyzstan	2013	13 656	2 309	17	1 078	8	679	5	7 699	952	12	338	4	356	5		
Latvia	2014	11 678	3 550	30	1 546	13	579	5	4 387	1 123	26	388	9	274	6		
Lithuania	2014	12 517	3 094	25	1 676	13	479	4	4 304	889	21	345	8	233	5		
Luxembourg	2014	3 287	603	18	344	10	39	1	1 716	115	7	39	2	18	1		
Malta	2014	3 721	834	22	480	13	111	3	2 065	313	15	151	7	51	2		
Montenegro	2009	7 163	2 329	33	453	6	182	3	4 028	1 260	31	173	4	191	5		
Netherlands	2013	3 477	550	16	203	6	94	3	2 524	262	10	61	2	68	3		
Norway	2014	3 357	467	14	241	7	59	2	1 990	176	9	54	3	57	3		
Poland	2014	7 769	1 863	24	550	7	310	4	3 213	589	18	130	4	149	5		
Portugal	2014	4 977	827	17	396	8	187	4	2 202	304	14	76	3	104	5		
Republic of Georgia	2014	11 714	2 316	20	762	7	452	4	4 921	741	15	160	3	218	4		
Republic of Moldova	2014	12 396	2 891	23	1 718	14	733	6	5 460	1 268	23	651	12	416	8		
Romania	2014	8 272	2 093	25	928	11	475	6	3 752	793	21	273	7	246	7		
Russian Federation	2011	19 040	5 267	28	2 613	14	963	5	6 973	1 790	26	705	10	475	7		
Serbia	2014	7 710	2 184	28	727	9	400	5	4 126	945	23	221	5	255	6		
Slovak Republic	2014	7 297	1 648	23	857	12	336	5	3 258	527	16	213	7	148	5		
Slovenia	2010	5 544	934	17	456	8	188	3	2 588	319	12	70	3	137	5		
Spain	2014	3 722	661	18	312	8	106	3	1 937	219	11	58	3	58	3		
Sweden	2014	3 287	582	18	280	9	89	3	2 050	222	11	89	4	56	3		
Switzerland	2013	3 403	508	15	234	7	59	2	1 995	182	9	48	2	46	2		
TFYR Macedonia	2010	6 364	1 965	31	686	11	534	8	3 707	1 016	27	224	6	378	10		
Turkey	2013	5 324	886	17	468	9	161	3	3 229	442	14	139	4	118	4		
Ukraine	2014	15 505	4 516	29	2 612	17	812	5	5 858	1 578	27	847	14	398	7		
United Kingdom	2013	4 137	771	19	443	11	110	3	2 640	331	13	119	5	84	3		
High Income Median		4 374	789	18	401	9	108	3	2 389	286	13	83	4	75	3		
High Income Mean		5 215	1 094	20	532	10	171	3	2 542	364	13	119	4	96	4		
High Income Min		3 197	324	10	136	4	39	1	1 354	115	7	11	1	18	1		
High Income Max		12 517	3 550	30	1 676	17	579	5	4 387	1 123	26	388	9	274	6		
Middle Income Median		8 272	2 248	28	762	11	475	5	4 302	952	26	221	6	304	7		
Middle Income Mean		9 911	2 599	27	1 165	11	507	5	4 613	1 039	23	336	7	290	6		
Middle Income Min		4 669	886	17	453	6	161	3	2 571	442	12	139	3	118	4		
Middle Income Max		19 040	5 267	39	2 743	21	963	8	7 699	1 790	33	847	15	475	10		
Total Median		5 491	1 321	22	550	10	188	4	2 745	452	15	151	4	123	5		
Total Mean		6 914	1 638	22	761	10	293	4	3 291	608	17	197	5	166	5		
Total Min		3 197	324	10	136	4	39	1	1 354	115	7	11	1	18	1		
Total Max		19 040	5 267	39	2 743	21	963	8	7 699	1 790	33	847	15	475	10		

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Data are crude rates;

**Data unavailable** Republic of Kosovo, Republic of San Marino Algeria Egypt Lebanon Libya Morocco Syrian Arab Republic Arab Republic Tunisia

**Table S33. Age-standardised death rates per 100 000 from IHD, all ages, by sex, 1980 to 2014, ESC member countries**

	Males							Females						
	1985	1990	1995	2000	2005	2010	2014	1985	1990	1995	2000	2005	2010	2014
Albania			205	250	263				100	159	161			
Armenia	719	839	787	601		859	637	606	632	627	514		557	446
Austria	418	402	394	352	291	261	226	217	224	223	204	189	151	132
Azerbaijan	851	901	986	953				553	563	636	684			
Belarus	1 117	812	979	1 063		1 115	1 011	785	522	548	619		554	505
Belgium	287	223	225	224	186	137		143	107	109	111	92	63	
Bosnia and Herzegovina	184	217					185	102	115					132
Bulgaria	546	516	538	434	380	271		416	367	353	301	236	162	
Croatia	209	184	436	461	410	388	341	91	74	306	326	273	279	244
Cyprus					202	156						100	68	
Czech Republic		767	634	461	439	412	388		436	384	278	294	268	253
Denmark	630	542	423	296	211	147		340	304	238	165	117	84	
Estonia	1 285	1 114	1 049	847	715	552	388	837	687	631	532	407	312	211
Finland	723	633	554	474	388	344	269	339	320	295	258	213	176	137
France	195	162	145	139	115	88		97	81	69	63	52	37	
Germany	440	406	400	334	271	212	189	223	217	223	195	163	123	101
Greece	210	225	217	205	184	142		100	117	114	110	99	74	
Hungary	550	554	584	558	631	513	479	314	326	348	362	414	347	315
Iceland	536	418	432	317	250			298	240	205	187	138		
Ireland	689	595	551	432	296	252		350	306	287	229	163		
Israel	410	342	366	243	180	139		298	234	257	150	120	78	
Italy	256	239	231	198		150		138	128	126	111		82	
Kazakhstan	768	748	999	1 014	883	426	265	525	474	611	558	558	228	156
Kyrgyzstan	725	639	742	793	853	986		524	414	499	545	649	769	
Latvia	1 176	968	1 002	830	781	696	584	765	592	565	481	410	363	331
Lithuania	1 122	1 025	952	772	874	783	700	807	713	660	516	548	485	429
Luxembourg	375	276	252	216	164	128	115	182	135	109	99	93	57	45
Malta	448	511	400	429	380	251	240	306	380	299	262	235	184	163
Montenegro				148	179						97	91		
Netherlands	426	339	295	227	161	112		196	161	139	110	78	54	
Norway	549	489	404	314	221	170	126	243	231	189	164	110	90	68
Poland	249	280	250	345	285	231	176	91	106	104	188	159	122	90
Portugal	200	197	169	151		102	98	108	114	99	87		58	49
Republic of Georgia	916	890	924	906	408	134	266	634	622	606	614	219	75	169
Republic of Moldova	1 328	782	1 117	1 353	1 370	1 113	898	1 073	608	812	1 011	1 029	863	717
Romania	410	421	541	500	493	431	364	325	336	389	373	352	301	250
Russian Federation	956	798	896	881	963	856		638	501	517	513	547	503	
Serbia				277	301	237	194				174	204	160	125
Slovak Republic			686	676	648	644	465			438	487	468	450	321
Slovenia	313	281	274	270	215	175		174	193	163	158	115	86	
Spain	194	184	182	169	148	119	102	99	97	95	85	75	57	45
Sweden	655	500	435	338	282	221	174	330	247	214	175	145	116	94
Switzerland	308	297	296	251	204	159		142	147	152	142	111	85	
TFYR Macedonia			222	237	230	188				119	131	131	103	
Turkey						196								120
Ukraine	897	948	1 054	1 256	1 289	1 181	1 102	868	495	716	797	827	783	727
United Kingdom	626	528	459		276	203		318	277	237		144	101	
High Income Median	426	404	400	326	273	203	240	223	227	223	181	144	95	137
High Income Mean	499	453	438	376	336	272	298	279	257	251	223	197	159	178
High Income Min	194	162	145	139	115	88	98	91	74	69	63	52	37	45
High Income Max	1 285	1 114	1 049	847	874	783	700	837	713	660	532	548	485	429
Middle Income Median	809	790	896	793	450	431	364	579	498	548	514	294	301	250
Middle Income Mean	785	709	768	711	634	615	547	588	471	503	473	417	398	359
Middle Income Min	184	217	205	148	179	134	185	102	115	100	97	91	75	125
Middle Income Max	1 328	948	1 117	1 353	1 370	1 181	1 102	1 073	632	812	1 011	1 029	863	727
Total Median	546	505	436	352	288	234	268	314	290	272	204	163	123	166
Total Mean	587	530	540	493	425	378	384	374	321	329	310	263	235	241
Total Min	184	162	145	139	115	88	98	91	74	69	63	52	37	45
Total Max	1 328	1 114	1 117	1 353	1 370	1 181	1 102	1 073	713	812	1 011	1 029	863	727

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>.

**Notes:** Data were age-standardised to the 2013 European standard population; Blank cells indicate that data were not available;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S34. Age-standardised death rates per 100 000 from stroke, all ages, by sex, 1980 to 2014, ESC member countries**

	Males							Females						
	1985	1990	1995	2000	2005	2010	2014	1985	1990	1995	2000	2005	2010	2014
Albania			310	250	312					234	159	250		
Armenia	278	314	267	201		238	159	275	294	268	229		224	162
Austria	327	231	191	158	96	69	62	264	192	158	137	79	65	56
Azerbaijan	389	240	272	249				313	193	220	241			
Belarus	310	292	331	347		311	239	264	247	252	272		210	160
Belgium	189	160	139	121	95	77		162	137	115	99	85	66	
Bosnia and Herzegovina	165	243					184	161	230					157
Bulgaria	517	466	442	416	426	405		450	382	365	353	340	310	
Croatia	366	364	334	366	290	243	210	323	300	279	312	242	196	173
Cyprus					92	77						101	69	
Czech Republic		460	347	317	252	162	124		367	281	261	216	145	104
Denmark	161	161	156	129	125	93		135	133	126	112	101	76	
Estonia	491	460	421	358	267	140	93	434	382	358	278	215	108	66
Finland	239	215	201	146	121	97	89	197	184	174	127	98	80	76
France	191	130	108	93	75	58		145	102	81	71	58	46	
Germany	238	203	184	135	100	77	65	199	170	150	113	90	71	59
Greece	299	267	262	245	195	134		323	292	278	260	227	155	
Hungary	426	381	344	340	247	203	173	328	296	262	246	184	148	128
Iceland	136	161	180	116	88			133	117	135	115	80		
Ireland	214	181	160	126	88	79		214	164	149	106	63	82	
Israel	158	137	139	95	82	58		164	134	119	83	75	52	
Italy	265	214	181	154		100		214	174	150	127		85	
Kazakhstan	398	427	500	504	443	372	245	329	347	398	381	355	292	183
Kyrgyzstan	428	433	518	465	503	418	351	378	368	437	422	437	333	
Latvia	545	498	545	465	421	309	296	500	424	429	383	339	229	231
Lithuania	244	243	246	242	251	243	219	226	220	231	223	218	202	179
Luxembourg	371	275	210	157	116	99	53	292	249	164	131	99	86	52
Malta	175	201	142	153	130	88	84	128	197	175	147	133	89	78
Montenegro				221	236						207	209		
Netherlands	159	151	137	122	95	69		135	129	120	109	86	65	
Norway	194	195	165	138	106	82	66	173	163	134	111	87	71	59
Poland	144	143	155	222	186	149	117	126	115	129	179	152	117	91
Portugal	552	481	403	311		166	128	445	396	337	256		135	99
Republic of Georgia	583	479	431	501	459	167	244	446	398	341	396	307	130	175
Republic of Moldova	510	353	389	438	472	374	354	441	302	328	356	391	293	279
Romania	370	358	486	434	447	364	297	360	346	428	383	387	298	241
Russian Federation	581	539	609	621	637	476		475	443	496	513	506	369	
Serbia				350	330	270	210				330	306	259	187
Slovak Republic			219	192	172	203	173			188	147	129	159	123
Slovenia	317	297	254	205	152	144		259	213	192	145	112	104	
Spain	249	198	162	125	104	77	62	223	179	140	109	88	65	52
Sweden	156	152	141	133	105	85	73	142	135	116	112	87	76	62
Switzerland	163	141	112	87	72	60		131	110	89	75	61	49	
TFYR Macedonia			371	410	397	383				332	363	406	345	
Turkey						141								132
Ukraine	442	398	472	395	381	345	305	374	335	383	334	291	268	231
United Kingdom	223	183	156		116	89		205	172	145		113	87	
High Income Median	238	202	181	154	116	93	93	205	176	150	129	100	85	78
High Income Mean	266	246	220	195	151	122	123	230	209	186	163	129	103	99
High Income Min	136	130	108	87	72	58	53	126	102	81	71	58	46	52
High Income Max	552	498	545	465	421	309	296	500	424	429	383	339	229	231
Middle Income Median	413	378	431	410	434	364	245	367	340	341	353	348	292	183
Middle Income Mean	414	378	415	387	420	328	259	355	324	345	329	349	266	197
Middle Income Min	165	240	267	201	236	141	159	161	193	220	159	209	130	157
Middle Income Max	583	539	609	621	637	476	354	475	443	496	513	506	369	279
Total Median	278	243	250	222	179	142	173	259	217	206	207	142	123	125
Total Mean	312	286	281	262	232	186	173	269	243	235	221	195	153	133
Total Min	136	130	108	87	72	58	53	126	102	81	71	58	46	52
Total Max	583	539	609	621	637	476	354	500	443	496	513	506	369	279

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>

**Notes:** Data were age-standardised to the 2013 European standard population,

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S35. Age-standardised death rates per 100 000 from IHD, under 65 years, by sex, 1980 to 2015, ESC member countries**

	Males							Females						
	1985	1990	1995	2000	2005	2010	2014	1985	1990	1995	2000	2005	2010	2014
Albania			33	39	39					18	14	14		
Armenia	104	132	139	112		147	135	32	38	38	28		30	27
Austria	75	61	57	46	29	28	22	17	14	14	10	7	6	5
Azerbaijan	147	181	196	170				52	70	72	66			
Belarus	148	145	208	201		215	174	42	38	54	54		48	39
Belgium	60	39	37	33	26	19		14	9	10	9	6	5	
Bosnia and Herzegovina	64	68					37	22	23					10
Bulgaria	80	86	102	82	78	56		24	23	26	22	18	13	
Croatia	67	62	63	63	57	52	47	15	15	16	17	14	12	10
Cyprus					39	35						7	6	
Czech Republic		140	101	71	54	47	42		34	28	18	13	11	9
Denmark	92	71	51	31	20	16			21	16	9	6	4	
Estonia	170	168	190	134	102	73	55	40	39	43	30	19	13	7
Finland	148	108	77	63	47	37	29	24	18	12	11	7	6	5
France	36	27	22	20	16	14		6	5	4	3	3	2	
Germany	74	60	52	38	31	26	22	17	14	13	9	7	6	5
Greece	54	52	49	49	48	43		11	10	10	9	9	9	
Hungary	133	131	127	104	101	82	70	39	37	36	29	28	23	20
Iceland	98	59	50	37	30			19	18	7	15	3		
Ireland	130	102	82	59	38			34	27	21	12	9		
Israel	67	49	42	27	18	13		22	17	14	7	4	2	
Italy	51	40	33	26		17		10	8	7	5		3	
Kazakhstan	141	137	207	200	187	111	62	45	38	65	61	54	30	15
Kyrgyzstan	99	99	146	119	123	131		42	39	58	47	47	44	
Latvia	184	184	237	153	157	119	96	46	42	56	34	34	27	21
Lithuania	145	161	173	113	144	119	104	34	36	43	22	28	27	19
Luxembourg	76	52	45	34	25	20	20	15	10	8	4	3	4	2
Malta	78	72	48	43	44	30	25	14	31	14	17	11	6	9
Montenegro				43	47						14	10		
Netherlands	79	57	43	33	22	15		18	13	12	9	6	4	
Norway	101	80	58	34	26	21	16	18	18	13	10	6	5	3
Poland	97	107	85	75	55	43	34	20	23	19	17	12	9	8
Portugal	40	37	32	25		16	21	11	10	9	7		3	4
Republic of Georgia	123	144	168	127	70	29	49	46	49	53	41	22	7	9
Republic of Moldova	127	105	145	132	143	135	119	71	51	73	65	60	50	42
Romania	73	82	108	93	83	72	57	26	27	34	31	27	21	16
Russian Federation	156	155	230	216	234	176		43	38	58	53	58	43	
Serbia				66	64	49	39				21	21	14	11
Slovak Republic			117	90	72	72	55			33	27	18	19	12
Slovenia	69	52	45	40	33	26		16	12	9	8	5	4	
Spain	40	34	32	29	23	19	18	7	7	6	5	4	3	3
Sweden	85	62	50	36	28	22	18	16	15	11	10	7	6	5
Switzerland	50	39	34	25	20	17		9	8	6	5	4	3	
TFYR Macedonia			68	69	55	44				22	22	18	15	
Turkey						37								11
Ukraine	141	132	201	203	229	172	166	50	41	66	64	74	52	48
United Kingdom	123	95	72		40	31		33	28	20		10	7	
High Income Median	78	61	51	39	35	27	29	17	16	13	10	7	6	7
High Income Mean	90	79	72	55	48	38	41	20	19	18	13	10	8	9
High Income Min	36	27	22	20	16	13	16	6	5	4	3	3	2	2
High Income Max	184	184	237	153	157	119	104	46	42	56	34	34	27	21
Middle Income Median	125	132	146	119	80	111	62	43	38	54	41	24	30	16
Middle Income Mean	117	122	150	125	113	106	93	41	39	49	40	35	29	24
Middle Income Min	64	68	33	39	39	29	37	22	23	18	14	10	7	9
Middle Income Max	156	181	230	216	234	215	174	71	70	73	66	74	52	48
Total Median	92	81	70	63	47	37	44	22	23	18	17	10	9	10
Total Mean	98	92	97	79	67	60	59	27	25	27	23	18	15	14
Total Min	36	27	22	20	16	13	16	6	5	4	3	3	2	2
Total Max	184	184	237	216	234	215	174	71	70	73	66	74	52	48

**Source:** WHO Mortality Database [http://www.who.int/healthinfo/mortality\\_data/en/](http://www.who.int/healthinfo/mortality_data/en/)

**Notes:** Data were age-standardised to the 2013 European standard population;

**Missing data:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S36. Age-standardised death rates per 100 000 from stroke, under 65 years, by sex, 1980 to 2015, ESC member countries**

	Males							Females						
	1985	1990	1995	2000	2005	2010	2014	1985	1990	1995	2000	2005	2010	2014
Albania			24	22	18					18	14	12		
Armenia	27	32	38	29		25	23	28	27	27	20		14	11
Austria	23	17	16	10	7	5	5	12	9	8	7	4	4	3
Azerbaijan	55	44	48	41										
Belarus	57	54	75	72		58	43	37	33	43	38		25	19
Belgium	15	12	10	9	8	6		10	8	6	7	6	5	
Bosnia and Herzegovina	29	34					15	20	25					9
Bulgaria	64	66	67	62	54	46		37	35	34	29	25	20	
Croatia	46	44	39	37	30	21	18	29	24	21	18	14	10	9
Cyprus					8	7						4	3	
Czech Republic		44	29	22	16	13	10		22	15	10	8	6	4
Denmark	14	15	13	11	9	8		11	11	8	8	7	5	
Estonia	61	61	65	54	40	17	16	34	27	32	23	16	8	7
Finland	26	25	18	13	11	10	8	15	12	10	9	6	5	5
Germany	17	14	13	10	7	6	5	10	8	8	5	5	4	3
Greece	20	17	17	16	14	10		13	11	10	8	7	5	
Hungary	65	60	56	48	33	29	23	34	29	26	21	14	11	10
Iceland	8	6	9	3	4			9	10	7	10	5		
Ireland	17	15	12	10	7			15	10	10	9	4		
Israel	17	12	13	9	8	5		11	8	7	5	4	2	
Italy	20	15	11	9		6		12	8	7	5		3	
Kazakhstan	64	64	85	92	88	76	45	41	40	54	54	48	39	23
Kyrgyzstan	75	73	122	107	105	82		58	47	81	68	71	44	
Latvia	61	67	76	55	56	43	34	38	32	38	30	25	17	14
Lithuania	40	40	41	29	35	32	28	24	22	24	16	16	15	12
Luxembourg	30	20	12	9	7	6	3	14	13	12	12	6	3	2
Malta	21	10	12	7	8	7	6	8	15	5	7	5	4	3
Montenegro				26	31						24	19		
Netherlands	12	11	9	9	7	5		8	8	8	7	5	4	
Norway	13	12	10	8	5	5	3	9	7	6	5	4	3	3
Poland	28	30	30	31	27	22	18	17	16	15	16	13	10	8
Portugal	40	35	28	24		12	10	23	20	15	12		6	5
Republic of Georgia	78	68	67	67	59	25	31	43	39	31	30	28	9	12
Republic of Moldova	67	63	83	81	79	65	51	59	47	60	59	54	36	26
Romania	47	48	72	61	55	41	30	32	32	43	35	31	19	14
Russian Federation	71	65	95	95	97	67		43	37	50	49	45	29	
Serbia				48	37	28	22				33	26	17	12
Slovak Republic			29	23	19	23	20			15	8	7	10	8
Slovenia	33	31	26	21	12	11		16	14	14	9	7	6	
Spain	20	15	13	10	8	6	6	11	8	6	5	4	3	3
Sweden	13	12	9	8	6	5	5	8	7	6	6	4	4	3
Switzerland	9	8	6	5	4	3		5	4	4	3	3	2	
TFYR Macedonia			45	39	37	34				35	33	29	23	
Turkey						14							10	
Ukraine	61	58	84	72	67	54	49	36	34	46	38	32	25	21
United Kingdom	18	15	12		8	7		15	11	10		6	5	
High Income Median	20	15	13	10	8	7	10	12	11	10	8	6	5	5
High Income Mean	26	24	22	18	15	12	13	16	14	12	10	8	6	6
High Income Min	8	6	6	3	4	3	3	5	4	4	3	3	2	2
High Income Max	65	67	76	55	56	43	34	38	32	38	30	25	17	14
Middle Income Median	62	61	72	62	57	46	31	37	35	43	34	30	23	14
Middle Income Mean	58	56	70	61	61	47	34	39	36	43	37	35	24	16
Middle Income Min	27	32	24	22	18	14	15	20	25	18	14	12	9	9
Middle Income Max	78	73	122	107	105	82	51	59	47	81	68	71	44	26
Total Median	28	31	27	23	15	13	18	16	15	15	12	7	6	9
Total Mean	36	34	37	33	28	23	20	22	20	21	19	16	12	10
Total Min	8	6	6	3	4	3	3	5	4	4	3	3	2	2
Total Max	78	73	122	107	105	82	51	59	47	81	68	71	44	26

**Source:** WHO Mortality Database [http://www.who.int/healthinfo/mortality\\_data/en/](http://www.who.int/healthinfo/mortality_data/en/)

**Notes:** Data were age-standardised to the 2013 European standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia

**Table S37. Age-standardised death rates per 100 000 from IHD, all ages, by sex, 1980 to latest available year, ESC member countries**

	Males			Females		
	1985	2000	2014	1985	2000	2014
Armenia	719	601	637	606	514	446
Austria	418	352	226	217	204	132
Belarus	1 117	1 063	1 011	785	619	505
Belgium	287	224	113	143	111	51
Bosnia and Herzegovina	184	211	185	102	118	132
Bulgaria	546	434	251	416	301	145
Croatia	209	461	341	91	326	244
Czech Republic	769	461	388		278	253
Denmark	630	296	124	340	165	
Estonia	1 285	847	388	837	532	211
Finland	723	474	269	339	258	137
France	195	139	77	97	63	32
Georgia	916	906	266	634	614	169
Germany	440	334	189	223	195	101
Greece	210	205	145	100	110	
Hungary	550	558	479	314	362	315
Ireland	689	432	226	350	229	117
Israel	410	243	115	298	150	67
Italy	256	198	148	138	111	83
Kazakhstan	768	1 014	265	525	558	156
Kyrgyzstan	725	793	984	524	545	747
Latvia	1 176	830	584	765	481	331
Lithuania	1 122	772	700	807	516	429
Luxembourg	375	216	115	182	99	45
Malta	448	429	240	306	262	163
Netherlands	426	227	90	196	110	45
Norway	549	314	126	243	164	68
Poland	249	345	176	91	188	90
Portugal	200	151	98	108	87	49
Republic of Moldova	1 328	1 353	898	1 073	1 011	717
Romania		500	364	325	373	250
Russian Federation	956	881	790	638	513	466
Slovenia	313	270	175	174	158	86
Spain	194	169	102	99	85	45
Sweden	655	338	174	330	175	94
Switzerland	308	251	141	142	142	74
Ukraine	897	1 256	1 102	868	797	727
United Kingdom	626	384	177	318		87
High Income Median	426	334	175	220	170	90
High Income Mean	508	367	227	279	214	134
High Income Min	194	139	77	91	63	32
High Income Max	1 285	847	700	837	532	429
Middle Income Median	832	881	637	606	545	446
Middle Income Mean	815	819	614	591	542	405
Middle Income Min	184	211	185	102	118	132
Middle Income Max	1 328	1 353	1 102	1 073	1 011	747
Total Median	549	406	226	314	229	135
Total Mean	591	498	339	371	311	217
Total Min	184	139	77	91	63	32
Total Max	1 328	1 353	1 102	1 073	1 011	747

**Source:** WHO Mortality Database <http://apps.who.int/healthinfo/statistics/mortality/whodpms/>.

**Notes:** Data are presented for countries in which complete datasets were available for the specified time points. Data were age-standardised to the 2013 European standard population;

**Data unavailable:** Republic of Kosovo, Republic of San Marino, Algeria, Egypt, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia.