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Department of Health Statistics

The Centre for Disease Prevention and Control of Latvia

Health Information Centre,
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Health in the Baltic Countries

2012

21st edition

2014

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Symbols used in the tables:

Zero or no applicable	-
Data not available	...

Note. For Estonia, Latvia and Lithuania the number of inhabitants for 2000-2011 has been recalculated according to the Population and Housing Census 2011. For Lithuania the number of births for 2000-2011 has been recalculated due to changes in registration methodology (newborns of emigrants have been eliminated).

Preface

“Health in the Baltic Countries 2012” is the twenty first edition of the series and is aimed at providing a basis for the comparison of health statistics of the three Baltic States – namely Estonia, Latvia and Lithuania.

The publication is targeted at health professionals, policy and opinion formers, those involved in research, students of health and any of the general public interested in the health of their fellow citizens.

The most important sources of data for this publication were the annual statistical reports of the various medical institutions as well as health databases and registries. Some data was taken from official publications and the web pages of the national statistics offices of the Baltic States. *The Health for All database* of the World Health Organisation was used as sources of information for tables containing data from other European countries.

Resident population on 01.01.2013

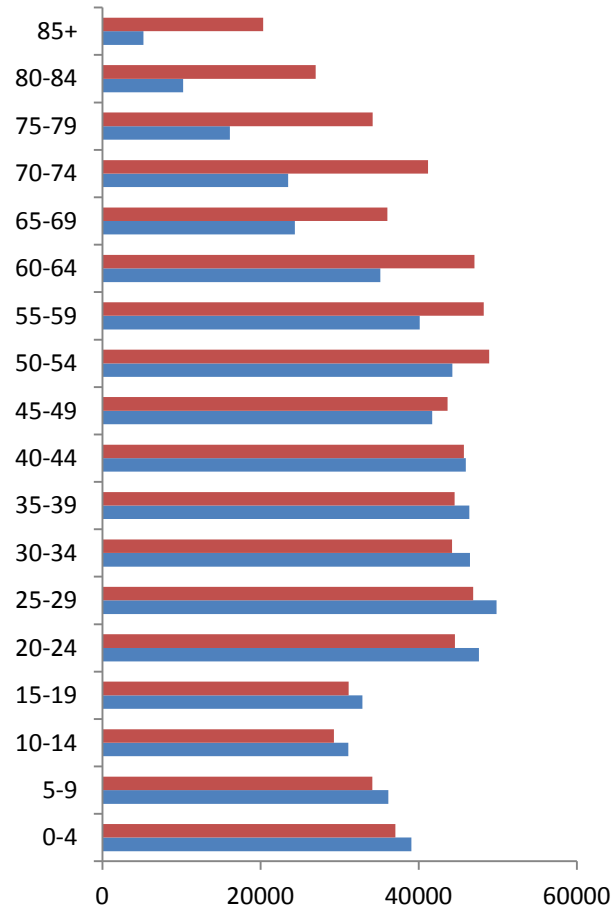
	Estonia	Latvia	Lithuania
Population (thousand)	1320.2	2023.8	2971.9
Per 1 km ²	30.4	31.3	45.5
Urban (thousand)	901.7	1366.3	1989.3
%	68.3	67.5	66.9
Rural (thousand)	418.5	657.5	982.6
%	31.7	32.5	33.1
Males (thousand)	616.2	926.6	1368.9
%	46.7	45.8	46.1
Females (thousand)	704.0	1097.2	1603.0
%	53.3	54.2	53.9
Below working age (%)	16.6	14.4	15.8
Working age (%)	63.5	63.2	61.7
Above working age (%)	20.0	22.4	22.5
Working age			
Males	16-63	15-61	16-62 y.8m.
Females	16-62	15-61	16-60 y.4m.

General data

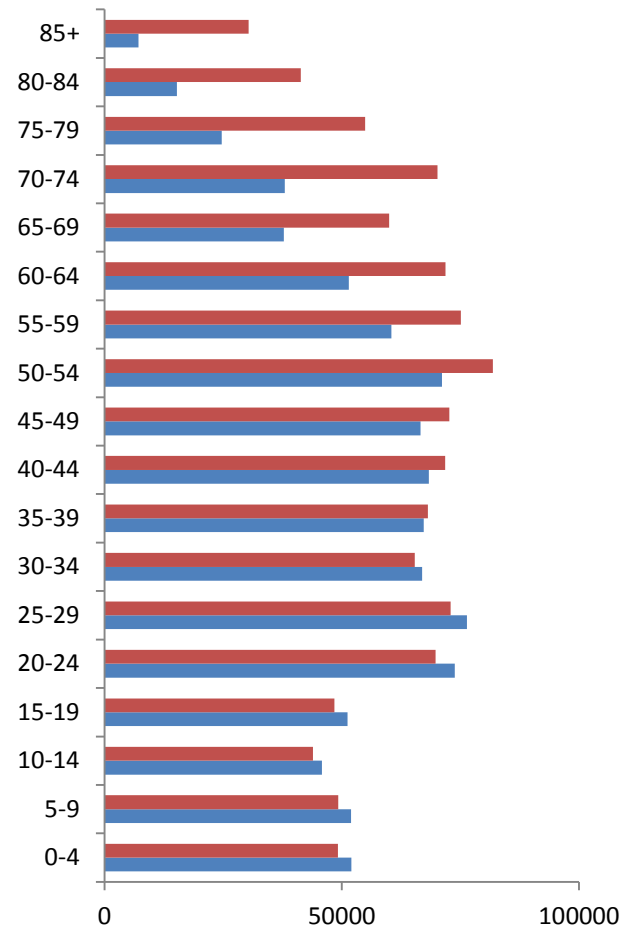
	Estonia	Latvia	Lithuania
Official name of the state	Republic of Estonia (Eesti Vabariik)	Republic of Latvia (Latvijas Republika)	Republic of Lithuania (Lietuvos Respublika)
Independence Day	24 February (1918)	18 November (1918)	16 February (1918)
Governing body of the state	Parliament (Riigikogu), 101 members, elected for a period of 4 years	Parliament (Saeima), 100 members, elected for a period of 4 years	Parliament (Seimas), 141 members, elected for a period of 4 years
Governmental structure	Republic, the President is elected for the period of 5 years	Republic, the President is elected for the period of 4 years	Republic, the President is elected for the period of 5 years
Area (thousand km ²)	45.2	64.6	65.3
Major islands	Saaremaa, 2671 km ² Hiiumaa, 989 km ² Muhu, 198 km ²	-	-
Major rivers	Võhandu, 162 km (through lake Tamula) Pärnu, 144 km Põltsamaa, 135 km	Daugava, 1005 km Gauja, 452 km Venta, 346 km	Nemunas, 937.4 km Neris, 509.5 km Venta, 346 km
Major lakes	Peipsi, 3555 km ² (in Estonia 1529 km ²) Võrtsjärv, 271 km ² Narva veehoidla (artificial lake) 191 km ² (in Estonia 38 km ²)	Lubāns, 80.7 km ² Rāzna, 57.6 km ² Engure, 40.5 km ²	Drūkšiai, 44.8 km ² Dysnai, 24.4 km ² Dusia, 23.3 km ²
The highest point	Suur Munamägi, 318 m	Gaiziņkalns, 311.6 m	Juozapinė, 293.6 m
Average daily temperature in January 2012	- 3.7° C	- 3.4° C	- 3.2° C
Average daily temperature in July 2012	+ 17.9° C	+ 18.2° C	+ 19.0° C
Average daily temperature 2012	+ 5.6° C	+ 6.1° C	+ 6.7° C
Administrative units at the beginning of 2013	15 counties, 226 administrative units with local governments, incl.33 cities, 193 rural municipalities and 14 cities without municipal status	9 cities, 110 counties	10 counties, 60 municipalities, 103 cities and towns
Capital, resident population (thousand) at the beginning of 2013	Tallinn 406.1	Riga 643.6	Vilnius 537.2
State language	Estonian	Latvian	Lithuanian
Currency	Euro=100 cents 1 EUR = 15.6466 EEK	Latvian lats=100 santims 1 LVL = 1.423 EUR	Lithuanian litas=100 centas 1 LTL = 0.28962 EUR

Population by age at the beginning of 2013

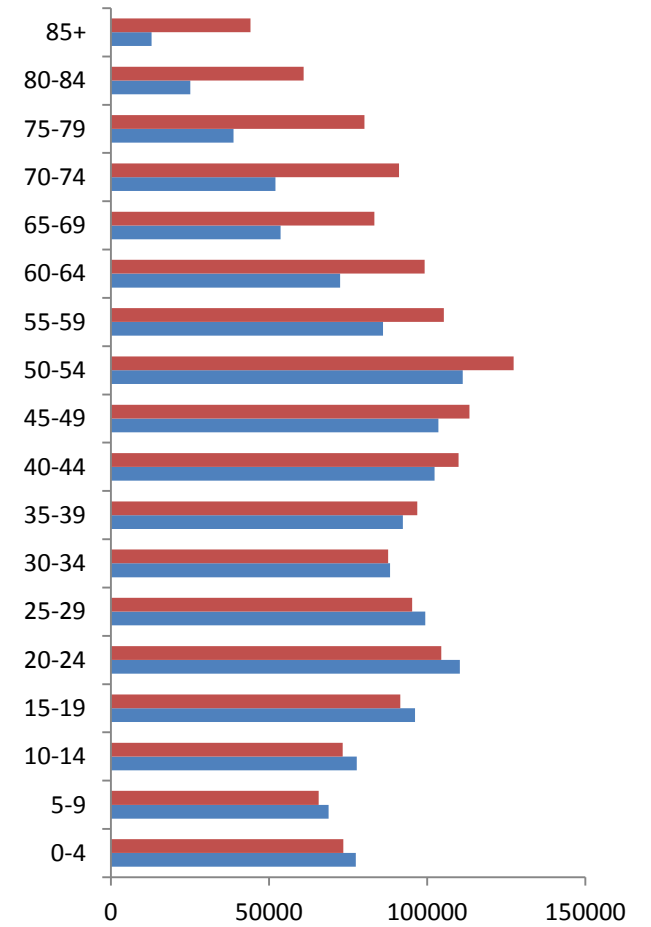
Estonia



Latvia



Lithuania

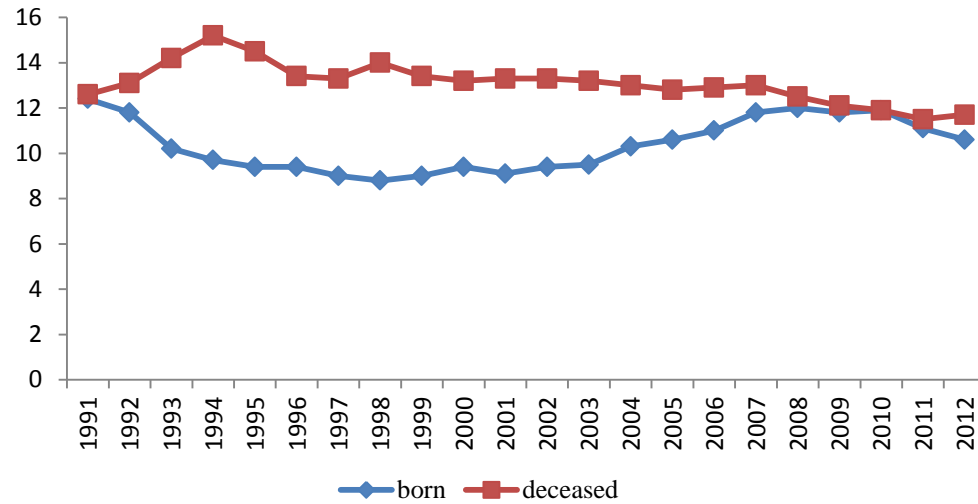


Female Male

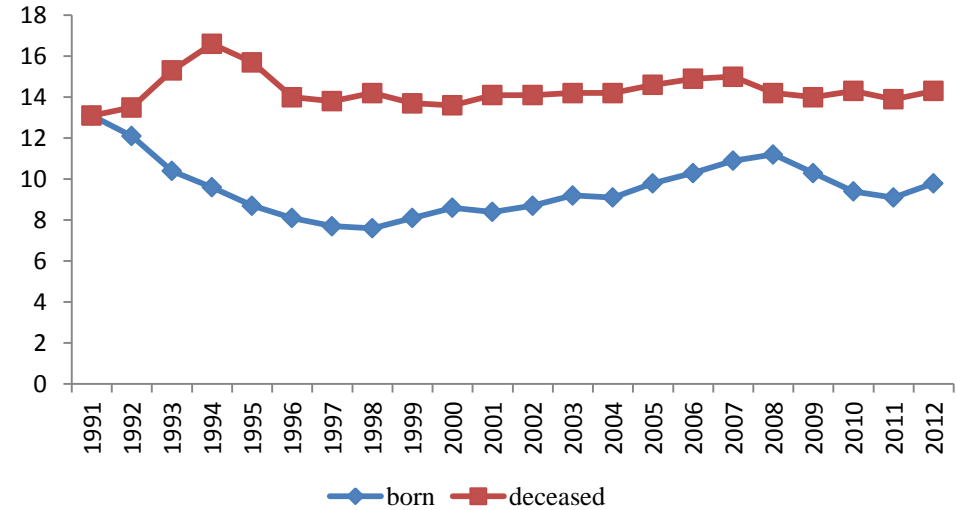
Trends in demographics indicators

Per 1000 population

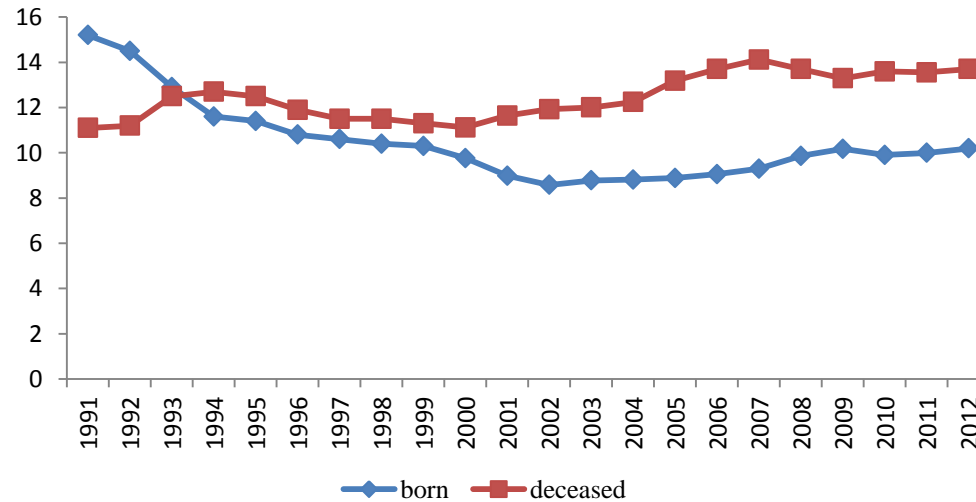
Estonia



Latvia



Lithuania



Resident population by age and gender at 01.01.2013

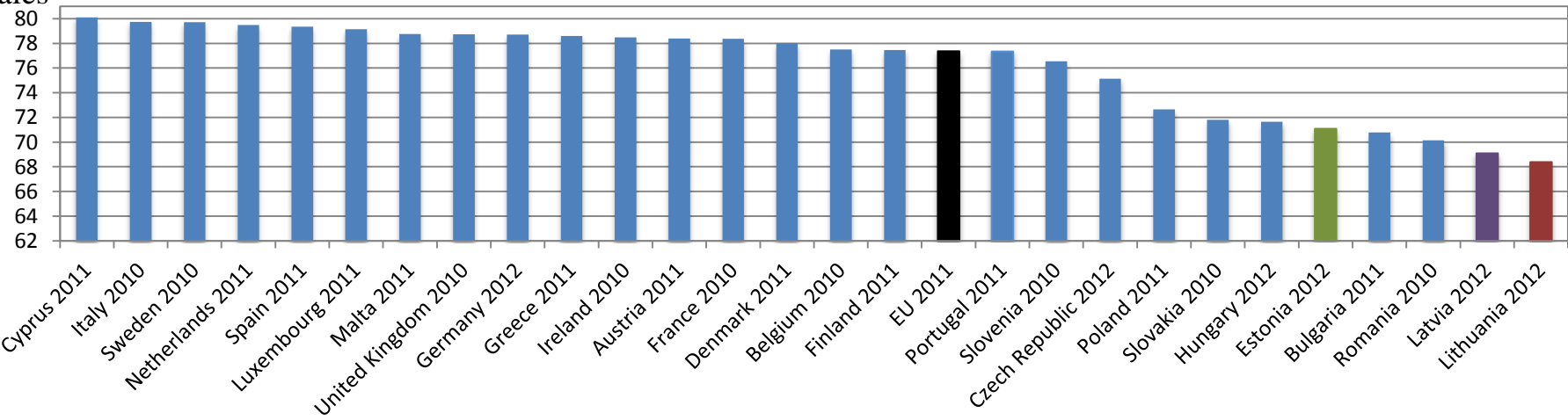
	Estonia						Latvia						Lithuania					
	Total		Males		Females		Total		Males		Females		Total		Males		Females	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	1320174	100	616167	100	704007	100	2023825	100	926580	100	1097245	100	2971905	100	1368891	100	1603014	100
0-4	76129	5.8	39083	6.3	37046	5.3	101271	5.0	52068	5.6	49203	4.5	151021	5.1	77484	5.7	73537	4.6
5-9	70313	5.3	36161	5.9	34152	4.9	101240	5.0	51940	5.6	49300	4.5	134535	4.5	68829	5.0	65706	4.1
10-14	60377	4.6	31119	5.1	29258	4.2	89805	4.4	45850	4.9	43955	4.0	151020	5.1	77763	5.7	73257	4.6
15-19	64021	4.8	32892	5.3	31129	4.4	99633	4.9	51202	5.5	48431	4.4	187705	6.3	96206	7.0	91499	5.7
20-24	92203	7.0	47630	7.7	44573	6.3	143614	7.1	73861	8.0	69753	6.4	214878	7.2	110376	8.1	104502	6.5
25-29	96742	7.3	49840	8.1	46902	6.7	149365	7.4	76422	8.2	72943	6.6	194659	6.5	99426	7.3	95233	5.9
30-34	90681	6.9	46485	7.5	44196	6.3	132349	6.5	66959	7.2	65390	6.0	175956	5.9	88292	6.4	87664	5.5
35-39	90945	6.9	46409	7.5	44536	6.3	135424	6.7	67280	7.3	68144	6.2	189225	6.4	92371	6.7	96854	6.0
40-44	91676	6.9	45972	7.5	45704	6.5	140190	6.9	68370	7.4	71820	6.5	212264	7.1	102323	7.5	109941	6.9
45-49	85332	6.5	41693	6.8	43639	6.2	139231	6.9	66577	7.2	72654	6.6	216934	7.3	103583	7.6	113351	7.1
50-54	93140	7.1	44243	7.2	48897	6.9	152990	7.6	71159	7.7	81831	7.5	238522	8.0	111227	8.1	127295	7.9
55-59	88342	6.7	40131	6.5	48211	6.8	135555	6.7	60457	6.5	75098	6.8	191340	6.4	86089	6.3	105251	6.6
60-64	82220	6.2	35155	5.7	47065	6.7	123374	6.1	51510	5.6	71864	6.5	171648	5.8	72452	5.3	99196	6.2
65-69	60379	4.6	24352	4.0	36027	5.1	97812	4.8	37821	4.1	59991	5.5	136982	4.6	53620	3.9	83362	5.2
70-74	64688	4.9	23498	3.8	41190	5.9	108169	5.3	37981	4.1	70188	6.4	143151	4.8	52059	3.8	91092	5.7
75-79	50293	3.8	16123	2.6	34170	4.9	79622	3.9	24701	2.7	54921	5.0	119019	4.0	38814	2.8	80205	5.0
80-84	37164	2.8	10199	1.7	26965	3.8	56605	2.8	15229	1.6	41376	3.8	86029	2.9	25082	1.8	60947	3.8
85+	25529	1.9	5182	0.8	20347	2.9	37576	1.9	7193	0.8	30383	2.8	57017	1.9	12895	0.9	44122	2.8

Nativity, mortality and natural increase per 1000 population

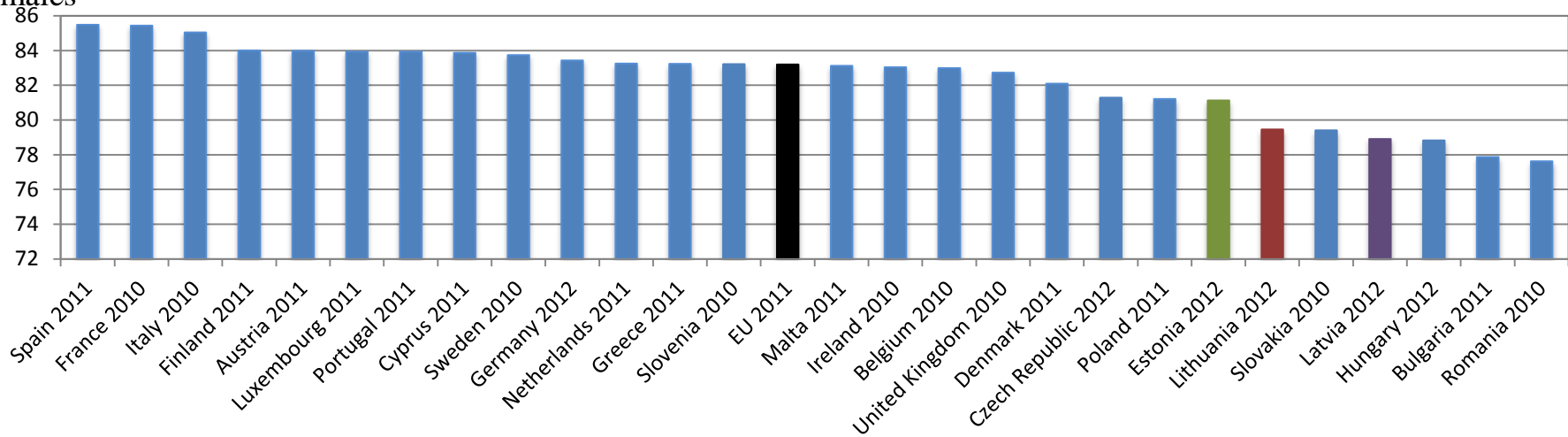
Years	Estonia			Latvia			Lithuania		
	Nativity	Mortality	Natural increase	Nativity	Mortality	Natural increase	Nativity	Mortality	Natural increase
1980	14.9	12.4	2.5	14.1	12.8	1.3	15.2	10.5	4.7
1985	15.5	12.6	2.9	15.4	13.2	2.2	16.5	11.1	5.4
1990	14.2	12.4	1.8	14.2	13.1	1.1	15.4	10.8	4.6
1991	12.4	12.6	-0.2	13.1	13.1	0.0	15.2	11.1	4.1
1992	11.8	13.1	-1.3	12.1	13.5	-1.4	14.5	11.2	3.3
1993	10.2	14.2	-4.0	10.4	15.3	-4.9	12.9	12.5	0.4
1994	9.7	15.2	-5.5	9.6	16.6	-7.0	11.6	12.7	-1.1
1995	9.4	14.5	-5.1	8.7	15.7	-7.0	11.4	12.5	-1.1
1996	9.4	13.4	-4.0	8.1	14.0	-5.9	10.8	11.9	-1.1
1997	9.0	13.3	-4.3	7.7	13.8	-6.1	10.6	11.5	-0.9
1998	8.8	14.0	-5.2	7.6	14.2	-6.6	10.4	11.5	-1.1
1999	9.0	13.4	-4.4	8.1	13.7	-5.6	10.3	11.3	-1.0
2000	9.4	13.2	-3.8	8.6	13.6	-5.0	9.8	11.1	-1.4
2001	9.1	13.3	-4.2	8.4	14.1	-5.7	9.0	11.6	-2.7
2002	9.4	13.3	-3.9	8.7	14.1	-5.4	8.6	11.9	-3.3
2003	9.5	13.2	-3.7	9.2	14.2	-5.0	8.8	12.0	-3.2
2004	10.3	13.0	-2.7	9.1	14.2	-5.1	8.8	12.2	-3.4
2005	10.6	12.8	-2.2	9.8	14.6	-4.8	8.9	13.2	-4.3
2006	11.0	12.9	-1.8	10.3	14.9	-4.6	9.1	13.7	-4.7
2007	11.8	13.0	-1.2	10.9	15.0	-4.1	9.3	14.1	-4.8
2008	12.0	12.5	-0.5	11.2	14.2	-3.0	9.9	13.7	-3.8
2009	11.8	12.1	-0.2	10.3	14.0	-3.7	10.2	13.3	-3.1
2010	11.9	11.9	0.0	9.4	14.3	-4.9	9.9	13.6	-3.7
2011	11.1	11.5	-0.4	9.1	13.9	-4.8	10.0	13.6	-3.6
2012	10.6	11.7	-1.1	9.8	14.3	-4.5	10.2	13.7	-3.5

Life expectancy at birth in EU member states

Males

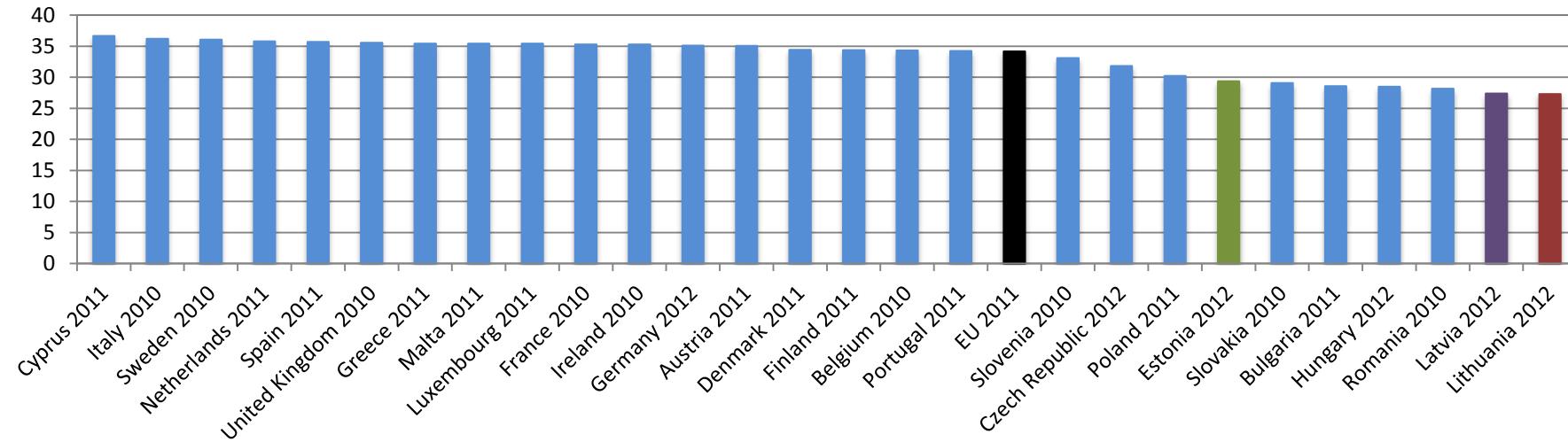


Females

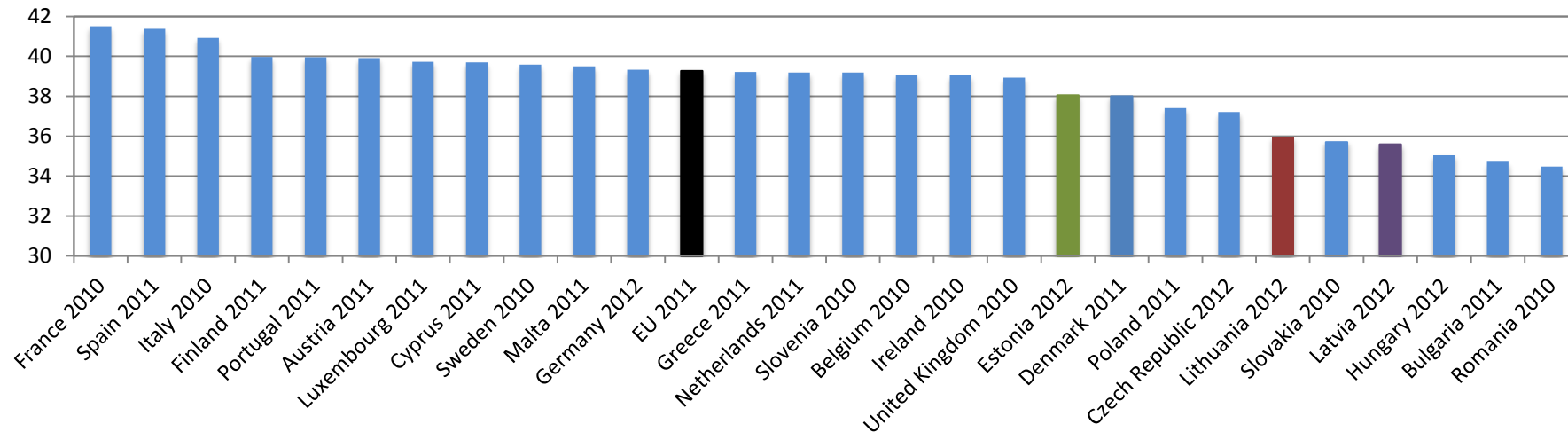


Life expectancy at 45 years of age in EU member states

Males



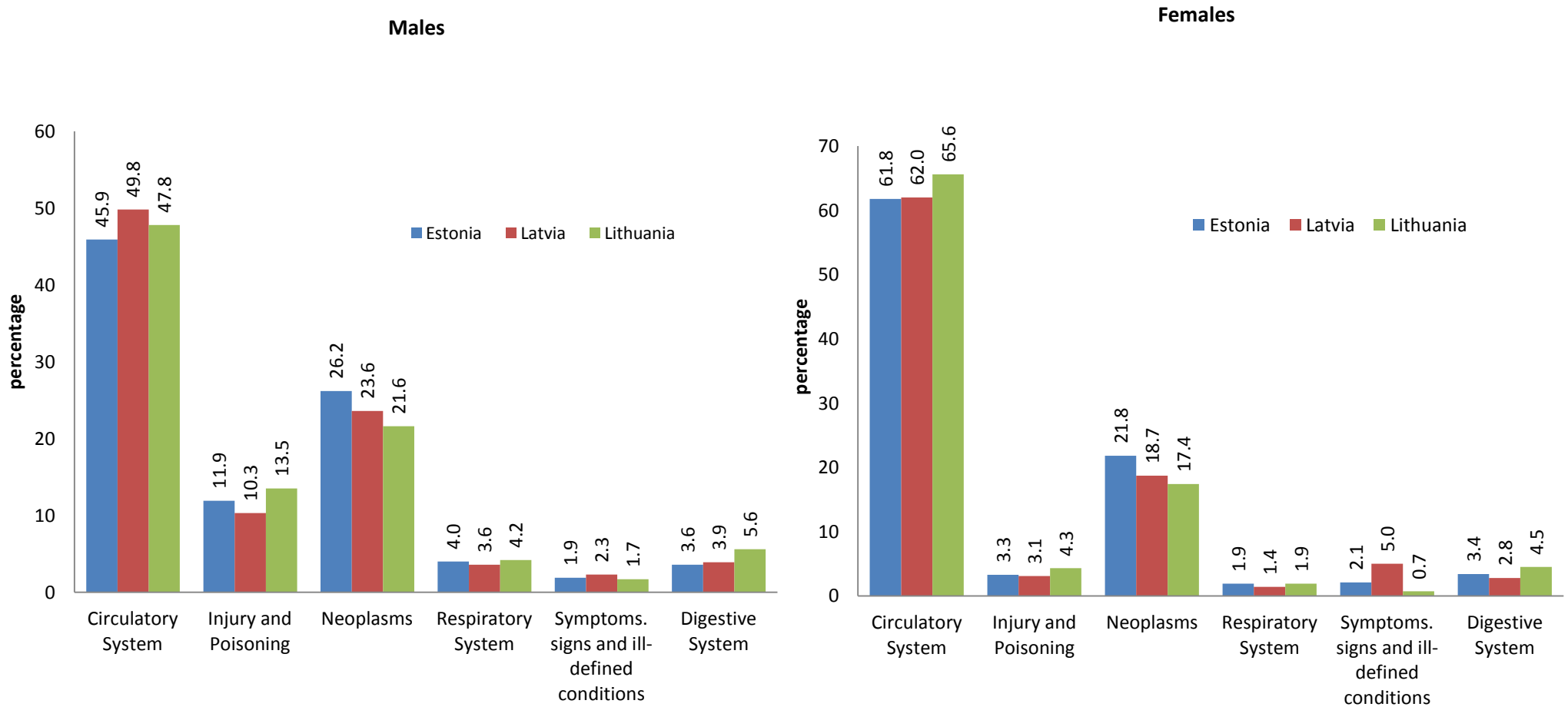
Females



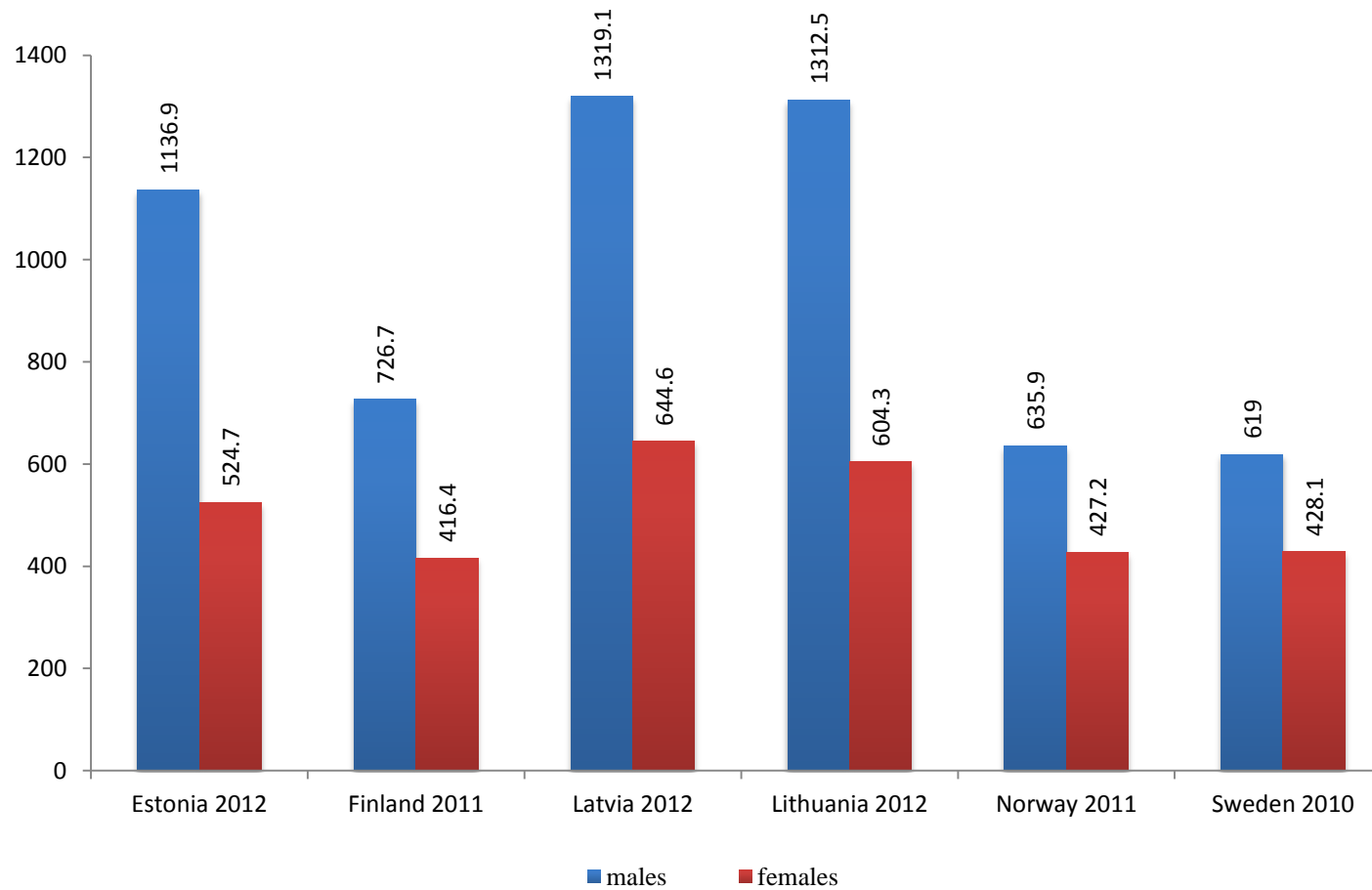
Deaths by cause per 100,000 population in 2012

Causes of death	Estonia			Latvia			Lithuania		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Certain infectious and parasitic diseases	9.8	15.0	5.4	13.0	17.2	9.5	20.1	28.1	13.3
Neoplasms	287.4	333.5	247.4	299.7	349.5	257.6	271.9	329.0	223.2
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanisms	1.2	1.2	1.2	1.5	1.3	1.7	0.9	0.9	1.0
Endocrine, nutritional and metabolic diseases	11.9	11.0	12.7	24.9	19.2	29.7	12.4	11.1	13.5
Mental and behavioural disorders	10.7	15.5	6.5	14.7	16.2	13.4	3.5	3.6	3.5
Diseases of the nervous system and sensory organs	21.5	22.2	21.0	14.7	16.7	13.0	17.4	19.0	16.1
Diseases of the circulatory system	647	584.3	701.3	801.9	738.9	855.0	775.5	718.2	824.4
Diseases of the respiratory system	34.9	50.7	21.1	34.9	52.9	19.7	42.0	63.1	24.0
Diseases of the digestive system	42.1	45.7	38.9	47.2	57.5	38.6	69.1	84.3	56.2
Diseases of the skin and subcutaneous tissue	0.5	0.7	0.4	2.9	2.1	3.4	1.1	1.1	1.1
Diseases of the musculoskeletal system and connective tissue	3.2	2.5	3.8	3.7	2.4	4.9	3.4	2.6	4.0
Diseases of the genitourinary system	9.9	9.8	10.0	15.5	14.8	16.1	9.3	9.4	9.3
Pregnancy, childbirth and puerperium	-	-	0.1	-	-	0.4	-	-	0.2
Certain conditions originating in perinatal period	1.7	1.7	1.7	3.4	4.2	2.7	1.7	2.0	1.4
Congenital malformations, deformations and chromosomal abnormalities	2.8	3.2	2.5	3.1	3.5	2.8	2.2	2.5	1.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	23.7	23.9	23.6	53.2	34.5	69.0	16.9	25.7	9.3
Injury, poisoning and certain other consequences of external causes	90.5	152.1	37.2	92.8	152.6	42.3	122.5	202.7	53.9
TOTAL	1198.9	1273	1134.8	1427.5	1483.5	1380.0	1369.9	1503.5	1256.4

Main causes of death in 2012

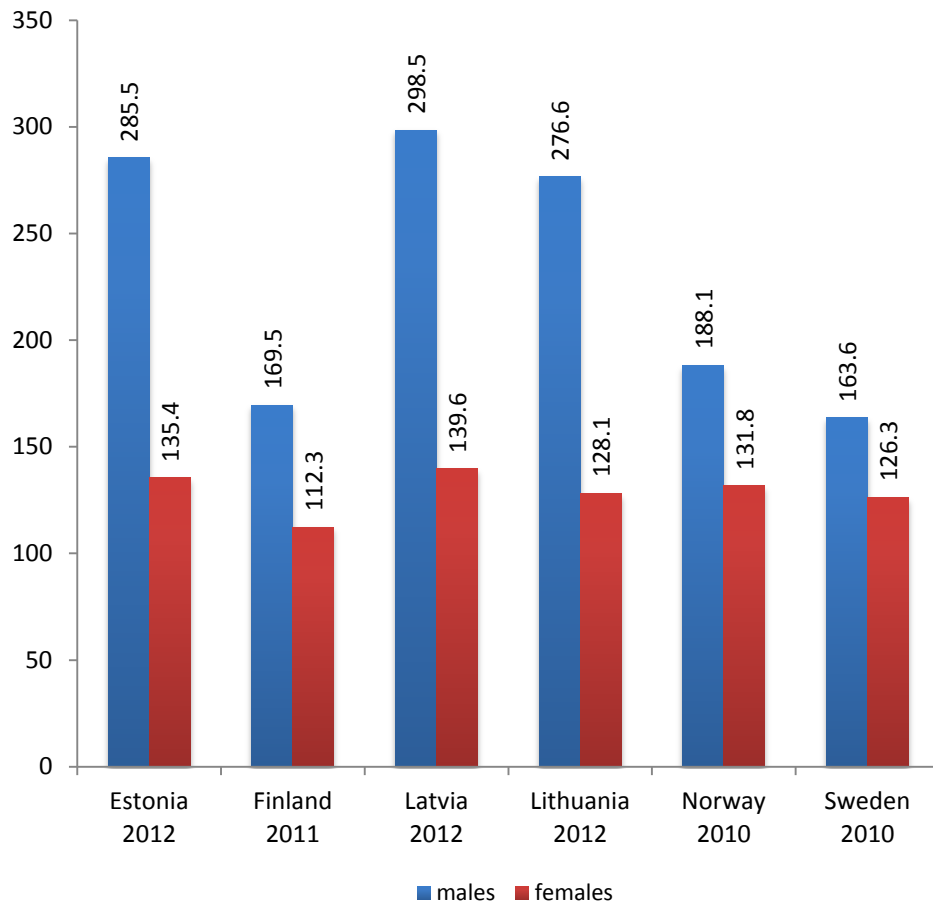


Age-standardised death rates
(per 100,000 European standard population)

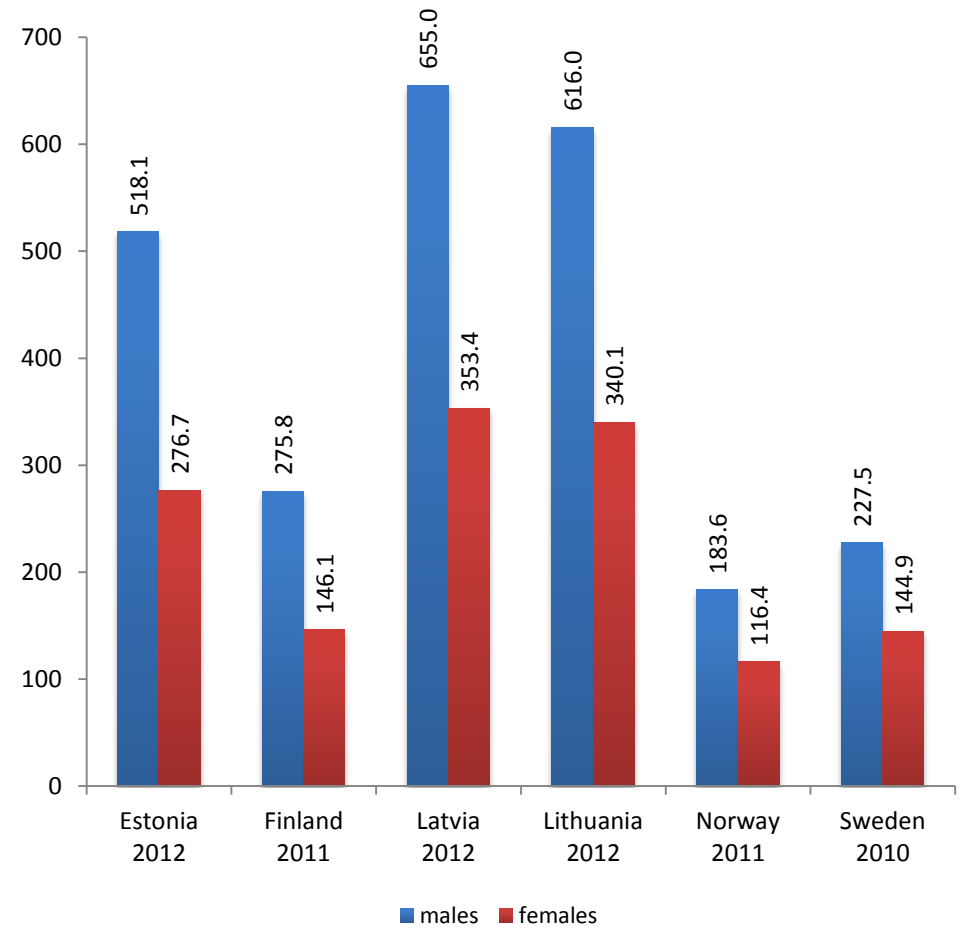


Age-standardised death rates
(per 100,000 European standard population)

malignant neoplasms



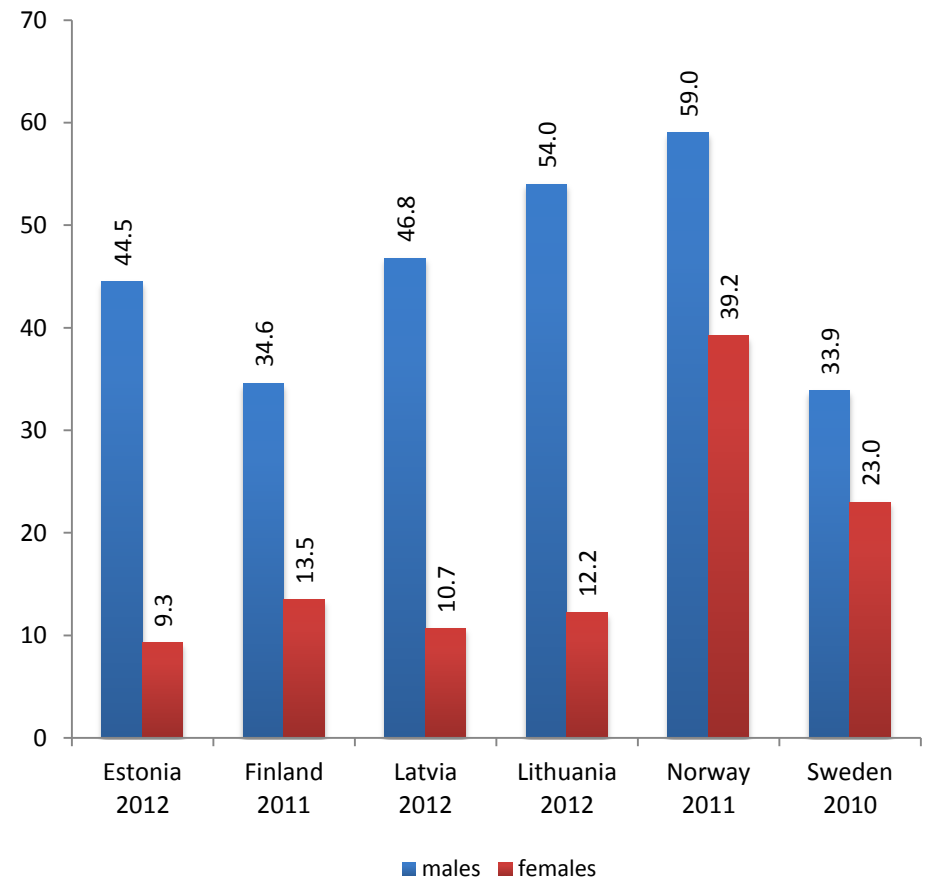
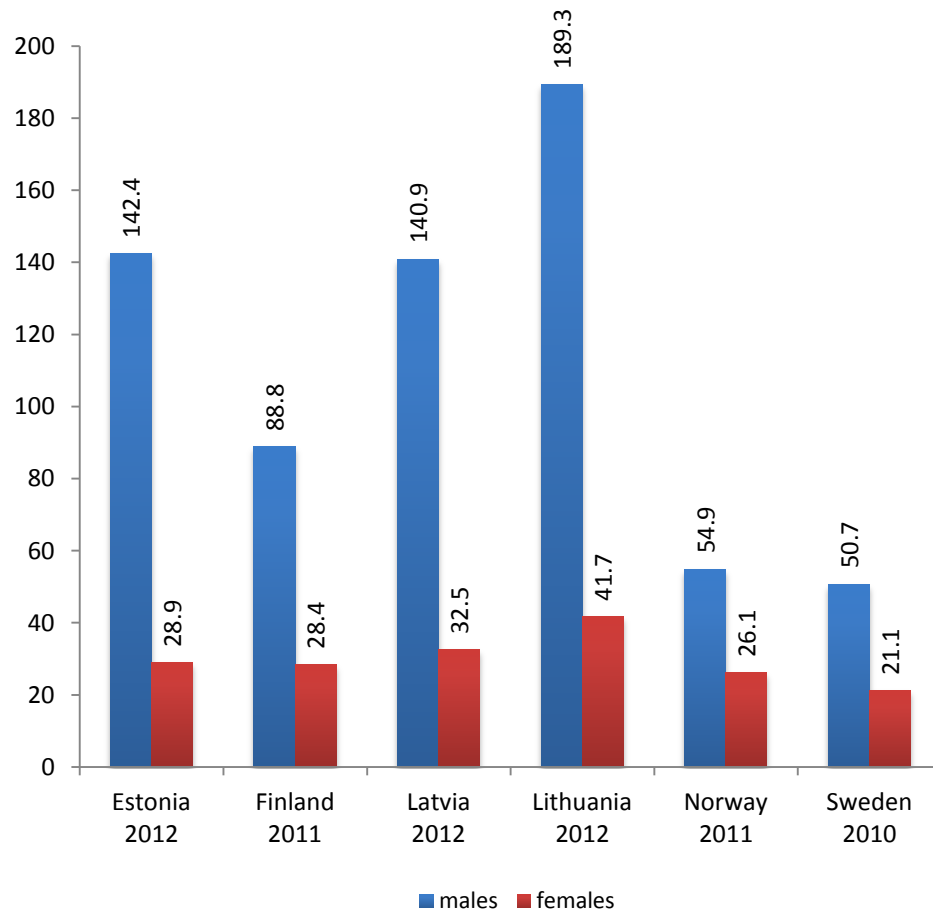
diseases of circulatory system



Age-standardised death rates
(per 100,000 European standard population)

injuries, poisoning and other consequences of external causes

diseases of respiratory system

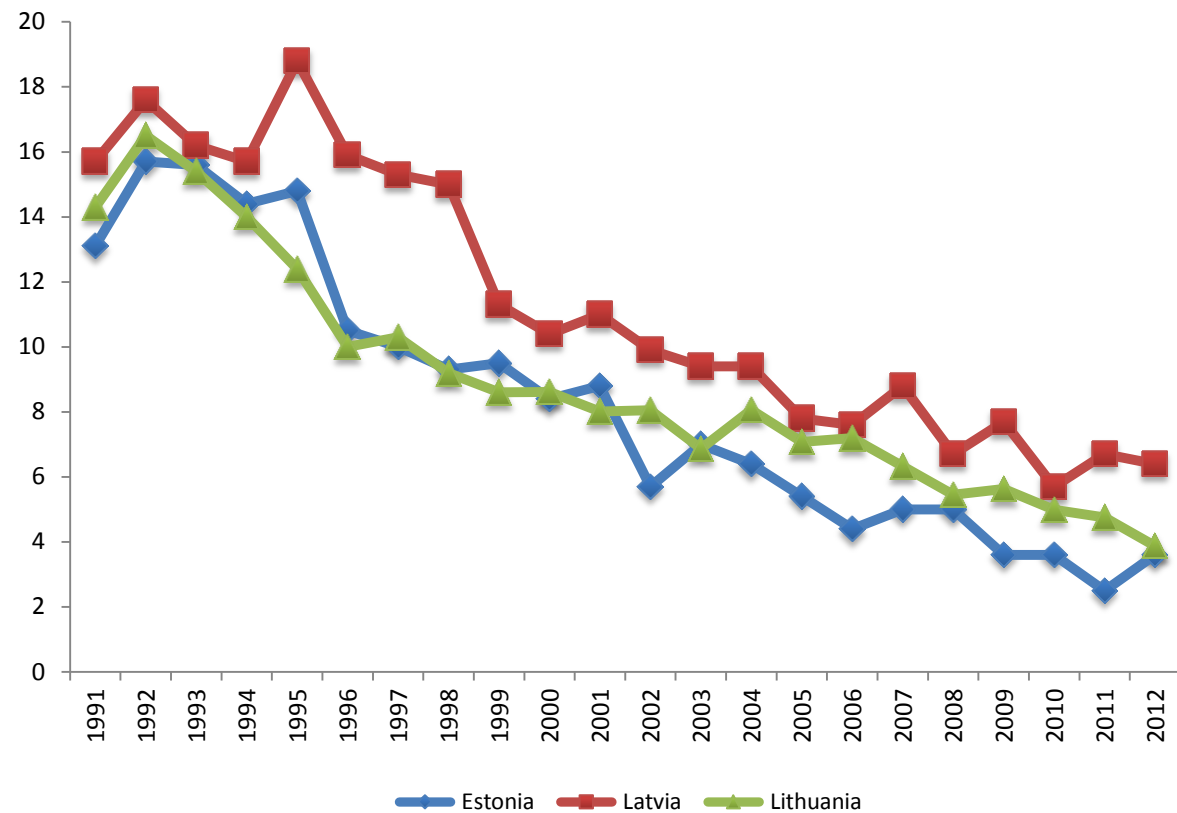


Selected causes of deaths per 100,000 population in 2012

Causes of death	ICD-10 codes	Estonia			Latvia			Lithuania		
		Total	Males	Females	Total	Males	Females	Total	Males	Females
Tuberculosis	A15-A19	2.4	4.5	0.6	2.7	4.5	1.2	8.4	14.8	3.0
AIDS	B20-B24	4.2	6.5	2.2	4.3	7.0	2.1	0.9	1.7	0.3
Stomach cancer	C16	21.9	27.4	17.1	23.3	29.8	17.8	22.9	28	18.6
Colon cancer	C18	19.5	17.7	21.1	22.0	20.3	23.4	17.1	18.2	16.2
Rectum cancer	C19-C21	13.2	16.0	10.8	16.6	16.8	16.9	13.5	16.9	10.5
Trachea, bronchus and lung cancer	C33-C34	53.3	86.6	24.4	47.6	83.7	18.3	45.4	79.9	16.0
Breast cancer	C50	20.6	0.3	38.2	19.9	0.1	36.6	18.2	0.1	33.6
Cervix uteri cancer	C53	-	-	10.4	-	-	11.8	-	-	12.6
Prostate cancer	C61	-	42.7	-	-	42.3	-	-	42.5	-
Diabetes	E10-E14	10.2	9.3	11.0	23.1	18.1	27.3	10.9	9.7	11.9
Ischaemic heart disease	I20-I25	307.7	295.6	318.2	418.6	401.8	432.8	501.5	473	525.9
of which myocardial infarction	I21-I22	41.0	49.6	33.6	57.4	66.6	50.9	42.6	47.6	38.4
Cerebrovascular diseases	I60-I69	81.3	69.4	91.5	235.8	184.6	278.9	189.2	147.9	224.5
Atherosclerosis	I70	12.5	10.0	14.6	16.0	14.1	17.6	6.0	7.4	4.8
Pneumonia	J12-J18	13.8	19.5	8.8	16.9	24.2	10.7	13.0	18.6	8.1
Chronic bronchitis, asthma	J41-J46	17.2	26	9.5	14.4	24.1	6.6	24.9	38.3	13.5
Alcoholic liver disease	K70	11.7	15.9	8.1	7.8	12.0	4.2	14.9	22.4	8.5
Fibrosis and cirrosis of liver	K74	6.0	7.2	4.9	9.2	12.4	6.7	13.8	18.2	10.1
Transport accidents	V01-V99	7.1	11.2	3.5	10.1	15.8	5.3	13.1	21.1	6.3
Falls	W00-W19	7.7	10.9	4.9	8.9	14.1	4.7	11.6	17.4	6.6
Accidental drowning and submersion	W65-W74	3.7	5.7	2.0	6.6	11.5	2.5	7.8	13.7	2.7
Exposure to excessive natural cold	X31	5.9	10.9	1.6	8.1	12.7	4.2	11.1	17.3	5.8
Accidental poisoning by alcohol	X45	11.4	19.5	4.3	5.8	10.2	2.2	9.0	15.7	3.2
Intentional self-harm	X60-X84	18.4	31.7	6.8	21.8	39.8	6.6	31.0	54.7	10.8
Assault	X85-Y09	5.0	7.8	2.5	6.3	10.2	3.1	4.5	7.1	2.3

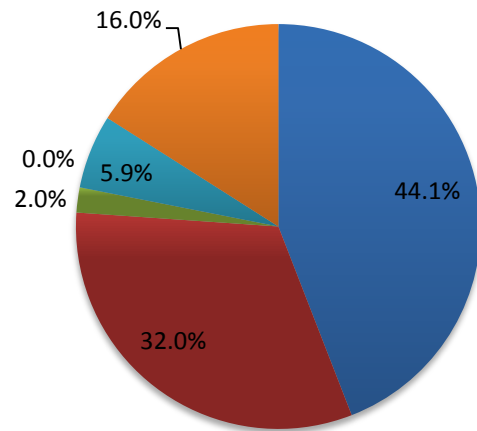
Infant mortality per 1000 live births

Years	Estonia	Latvia	Lithuania ¹
1970	17.7	17.9	19.4
1975	18.2	20.3	19.6
1980	17.1	15.4	14.4
1985	14.1	13.0	14.2
1990	12.3	13.7	10.3
1991	13.1	15.7	14.3
1992	15.7	17.6	16.5
1993	15.6	16.2	15.4
1994	14.4	15.7	14.0
1995	14.8	18.8	12.4
1996	10.5	15.9	10.0
1997	10.0	15.3	10.3
1998	9.3	15.0	9.2
1999	9.5	11.3	8.6
2000	8.4	10.4	8.5
2001	8.8	11.0	7.9
2002	5.7	9.9	8.0
2003	7.0	9.4	6.9
2004	6.4	9.4	8.1
2005	5.4	7.8	7.1
2006	4.4	7.6	7.2
2007	5.0	8.8	6.3
2008	5.0	6.7	5.5
2009	3.6	7.7	5.6
2010	3.3	5.7	4.9
2011	2.5	6.7	4.7
2012	3.6	6.4	3.9



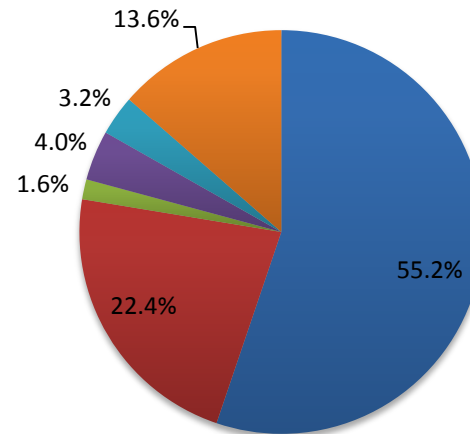
Structure of infant mortality in percentage in 2012

Estonia



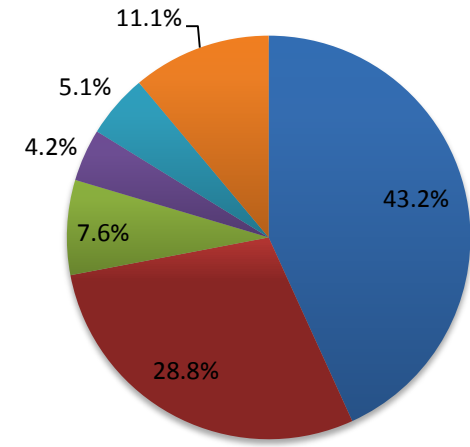
- Perinatal conditions
- Congenital anomalies
- Respiratory system
- Infectious & parasitic
- Injury & poisoning
- Others

Latvia



- Perinatal conditions
- Congenital anomalies
- Respiratory system
- Infectious & parasitic
- Injury & poisoning
- Others

Lithuania



- Perinatal conditions
- Congenital anomalies
- Respiratory system
- Infectious & parasitic
- Injury & poisoning
- Others

Infant mortality by cause per 10,000 live births in 2012

	Estonia		Latvia		Lithuania	
	Rate	%	Rate	%	Rate	%
Certain conditions originating in the perinatal period	15.7	44.1	35.3	55.2	16.7	43.2
Congenital malformations	11.4	32.0	14.3	22.4	11.2	28.8
Diseases of the respiratory system	0.7	2.0	1.0	1.6	3.0	7.6
Infectious and parasitic diseases	-	-	2.6	4.0	1.6	4.2
Injury, poisoning and other consequences of the external causes	2.1	5.9	2.0	3.2	2.0	5.1
Diseases of the nervous system and sensory organs	0.7	2.0	-	-	0.3	0.9
Diseases of the digestive system	-	-	0.5	0.8	0.7	1.7
Other causes	5.0	14.0	8.2	12.8	3.3	8.5
TOTAL	35.6	100	63.9	100	38.7	100

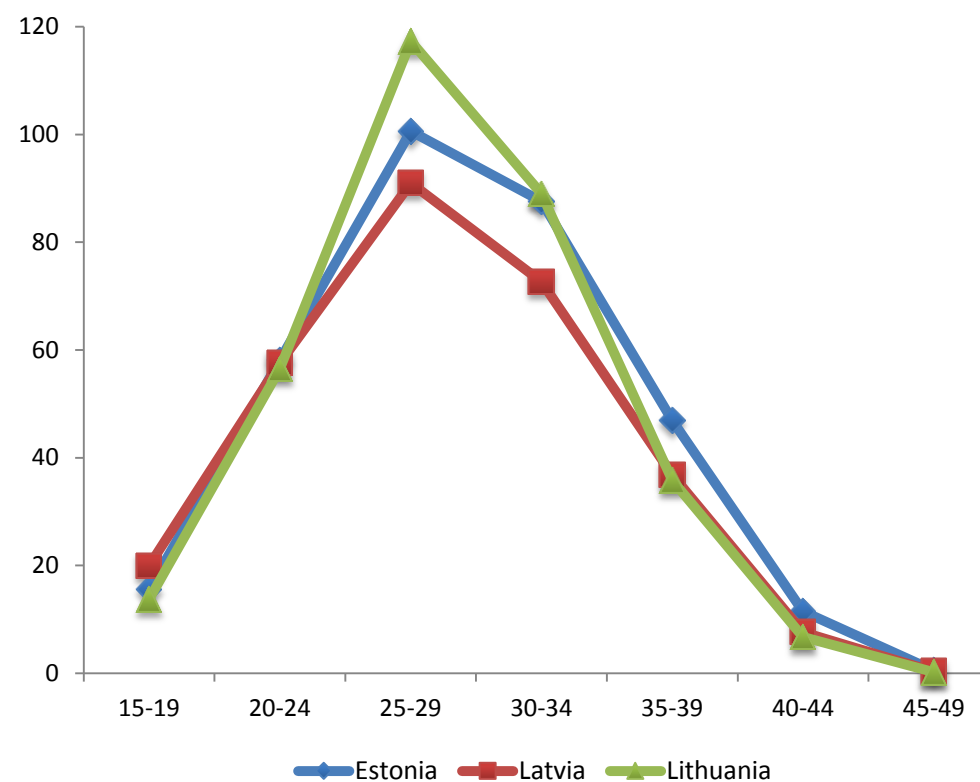
Perinatal, neonatal and maternal mortality in 2012

	Estonia	Latvia	Lithuania
Perinatal mortality per 1000 births	4.3	8.8	5.3
Stillbirth rate per 1000 births	3.1	5.4	3.8
Neonatal mortality per 1000 live births	2.2	4.3	2.4
Early neonatal mortality per 1000 live births	1.3	3.4	1.5
Maternal mortality per 100,000 live births	7.1	20.5	9.8
Standard perinatal mortality*	3.0	6.0	3.7
Standard stillbirth rate*	2.3	4.0	3.2

* Birth weight 1000 grams and more

Birth rates by age of mother in 2012
per 1000 females

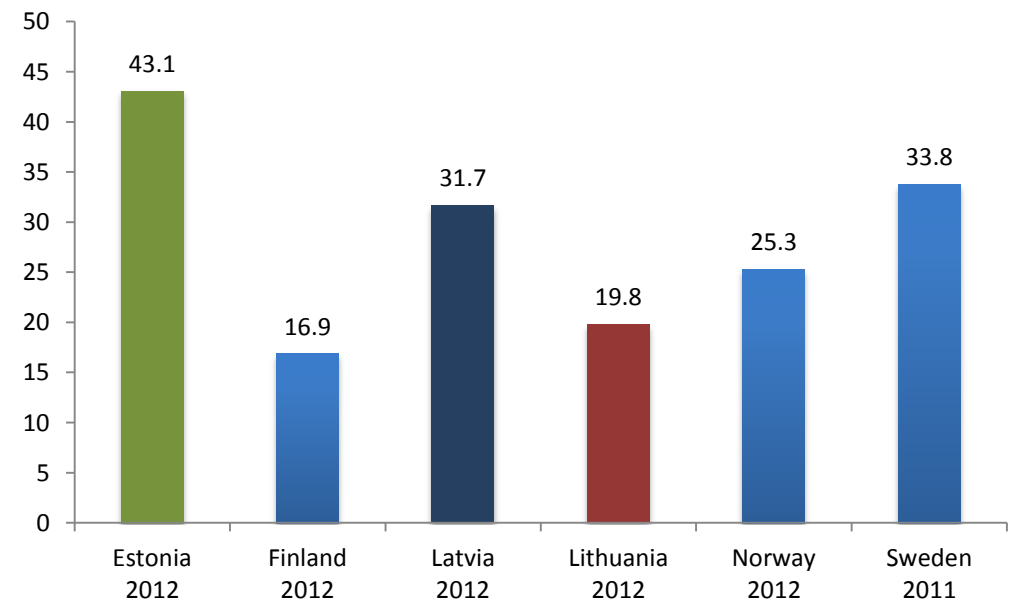
	Estonia	Latvia	Lithuania
Women aged 15-49	47.2	41.2	43.0
By specific age groups:			
15-19	15.5	19.9	13.7
20-24	58.1	57.6	56.5
25-29	100.6	91.0	117.3
30-34	87.6	72.7	89
35-39	46.9	36.8	35.8
40-44	11.5	7.6	6.7
45-49	0.5	0.3	0.2
Total fertility rate	1.59	1.44	1.60



Abortions in 2012

	Estonia	Latvia	Lithuania
Total abortions			
Total number	7915	9231	10312
Per 1000 women aged 15-49	26.6	19.4	14.6
Per 100 live births	56.3	47.2	33.9
Induced abortions			
Total number	6056	6197	6033
Per 1000 women aged 15-49	20.3	13.0	8.5
Per 100 live births	43.1	31.7	19.8
Percentage			
Spontaneous abortions	7.4	12.2	24.9
Legal abortions	74.1	65.4	56.1
Medical abortions	2.4	1.7	2.4
Other abortions	16.1	20.7	16.6

Induced abortions per 100 live births



Selected results of health behaviour survey in 2012, percentage

	Estonia, age group 16-64			Latvia, age group 15-64			Lithuania, age group 20-64		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Proportion of persons, who assessed their own health status to be good and reasonably good	50.9	47.2	53.7	50.2	54.6	46.8	49.7	49.1	50.0
Prevalence of overweight (BMI 25.0-29.9)	29.9	35.9	25.6	33.0	38.3	28.8	33.5	43.5	26.8
Prevalence of obesity (BMI \geq 30)	19.0	18.6	19.3	19.8	18.3	20.9	19.9	19.0	20.5
Proportion of daily smokers	26.0	36.2	18.3	33.9	54.2	17.6	20.5	32.7	12.3
Proportion of non-smokers	41.9	27.8	52.6	47.6	24.7	65.8	51.6	32.3	64.7
Proportion of persons eating fresh vegetables at least 3 days a week	52.3	43.8	58.4	56.5	48.2	63.2	62	54.1	67.1
Proportion of persons, who have leisure time physical exercise at least 30 min. on 4 and more days a week	14.5	13.9	14.8	14.3	15.8	13.1	28.9	31.2	27.4

Sources:

EE: National Institute of Health Development, Health Behavior among Estonian Adult Population 2012

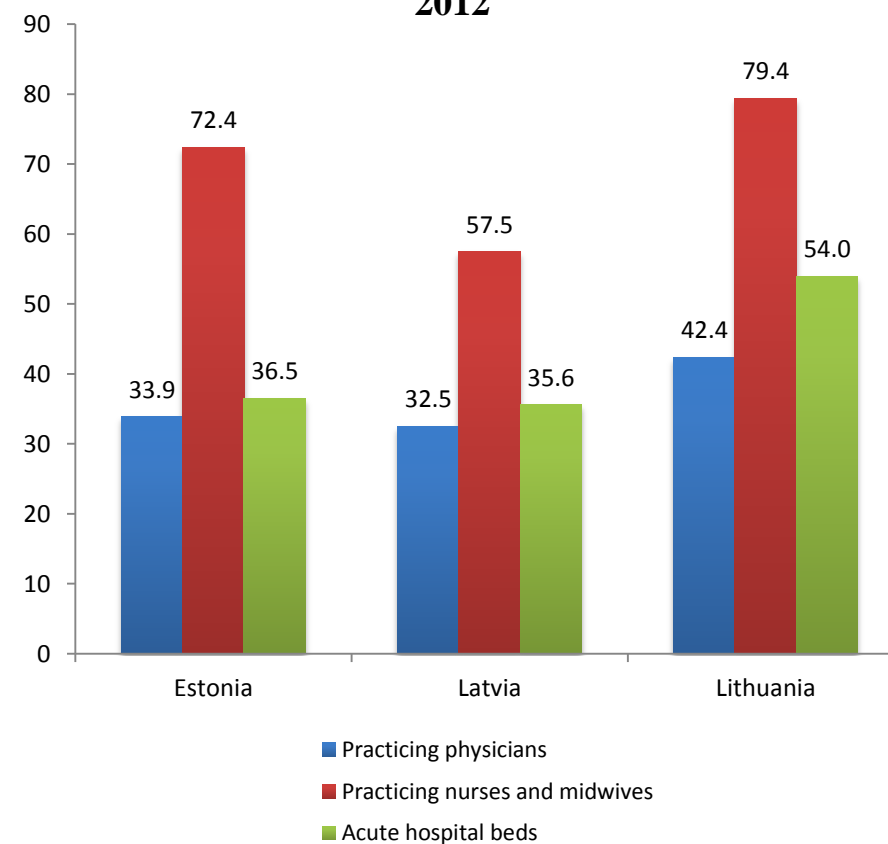
LV: The Centre for Disease Prevention and Control; Health Behavior among Latvian Adult Population 2012

LT: Kaunas Medical University, Health Behavior among Lithuanian Adult Population 2012

Health facilities in 2012

	Estonia	Latvia	Lithuania
Hospitals	60	66	155
excl. nursing hospitals	34	57	104
Acute ¹ hospitals	31	37	77
Hospital beds thousand	7.4	12.0	27.1
per 10000 population	57.3	58.8	91.1
Hospital beds (excl. nursing) thousand	5.6	11.2	22.2
per 10000 population	43.6	55.1	74.7
Acute¹ hospital beds thousand	4.7	7.2	16.1
per 10000 population	36.5	35.6	54.0
Practicing physicians thousand	4.4	6.6	12.6
per 10000 population	33.9	32.5	42.4
Practicing dentists thousand	1.2	1.4	2.7
per 10000 population	9.3	7.1	9.0
Practicing nurses and midwives thousand	9.3	11.6 ²	23.6
per 10000 population	72.4	57.5 ²	79.4
Hospital admissions thousand	237.3	386.7	757.6
per 100 population	18.4	19.0	25.4
Hospital admissions (excl. nursing) thousand	219.3	368.4	726.3
per 100 population	17.0	18.1	24.3
Acute¹ hospital admissions thousand	206.0	312.3	661.3
per 100 population	16.0	15.4	22.1
Number of hospital day cases thousands	58.7	154.8	74.5
per 100 population	4.5	7.6	2.5
Physicians' outpatient visits³ millions	8.2	14.3	23.8
per 1 inhabitant	6.4	7.0	8.0

Physicians, nursing professionals and acute hospital beds per 10.000 population in 2012



¹ Acute hospitals/beds/admissions – nursing, palliative care, geriatrics, rehabilitation, tuberculosis and psychiatric hospitals/beds/admissions are excluded; for Estonia - short-term (with ALOS up to 18 days) rehabilitation care beds are included.

² Including physician's assistants (feldshers)

³ Dentist visits are excluded

Practising physicians* by speciality at the end of 2012

	Estonia		Latvia		Lithuania	
	Number	Per 10,000 population	Number	Per 10,000 population	Number	Per 10,000 population
TOTAL	4343	33.8	6586	32.5	12604	42.4
of them:						
Family doctors / general practitioners	855	6.7	1313	6.5	1886	6.4
Internal medicine	548	4.3	650	3.2	2081	7.0
Surgery	405	3.2	597	2.9	1214	4.1
Paediatrics	161	1.3	287	1.4	1020	3.4
Gynaecology (including obstetrics)	256	2.0	417	2.1	644	2.2
Oncology	37	0.3	60	0.3	118	0.4
Otolaryngology	102	0.8	141	0.7	283	1.0
Ophthalmology	123	1.0	205	1.0	360	1.2
Anaesthesiology	265	2.1	342	1.7	698	2.4
Neurology	124	1.0	226	1.1	452	1.5
Psychiatry	182	1.4	246	1.2	524	1.8
Addiction specialists	-	-	59	0.3	19	0.1
Tuberculosis	-	-	102	0.5	7	0.02
Infectology	35	0.3	53	0.3	58	0.2
Epidemiology	-	-	6	0.03	-	-
Dermatology & venerology	72	0.6	127	0.6	169	0.6
Radiology	189	1.5	249	1.2	481	1.6
Pathology	42	0.3	36	0.2	59	0.2
Forensic medicine	-	-	49	0.2	58	0.2
Laboratory	127	1.0	146	0.7	91	0.3
Hygiene	-	-	1	0.005	-	-
Others	809	6.3	1274	6.3	2382	8.0

* Practising physicians – persons who have completed studies in medicine at university level (granted by adequate diploma), who are licensed to practice and who provide services directly to patients. Data do not include the practising physicians employed in the state administration institutions.

Hospital beds by speciality at the end of 2012

	Estonia			Latvia ¹			Lithuania		
	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%
TOTAL	7377	57.3	100	11972	58.9	100	27079	91.1	100
of which:									
Internal medicine	1258	9.8	17.1	1878	9.2	15.7	4833	16.3	17.8
Rehabilitation	314	2.4	4.3	763	3.8	6.4	1705	5.7	6.3
Surgery (including orthopaedics)	1233	9.6	16.7	2275	11.2	19.0	4503	15.2	16.6
Oncology (including radiology)	176	1.4	2.4	546	2.7	4.6	652	2.2	2.4
Otolaryngology	66	0.5	0.9	105	0.5	0.9	284	1.0	1.0
Ophthalmology	24	0.2	0.3	80	0.4	0.7	284	1.0	1.0
Obstetrics	269	2.1	3.6	432	2.1	3.6	781	2.6	2.9
Gynaecology	178	1.4	2.4	276	1.4	2.3	627	2.1	2.3
Neurology	178	1.4	2.4	596	2.9	5.0	1478	5.0	5.5
Dermatology & venerology	25	0.2	0.3	6	0.03	0.1	114	0.4	0.4
Infectious	180	1.4	2.4	511	2.5	4.3	434	1.5	1.6
Tuberculosis	181	1.4	2.5	595	2.9	5.0	1135	3.8	4.2
Paediatrics	262	2.0	3.6	537	2.6	4.5	1342	4.5	5.0
Psychiatry	730	5.7	9.9	2366	11.6	19.8	3035	10.2	11.2
Addiction treatment	-	-	-	249	1.2	2.1	271	0.9	1.0
General & nursing	1769	13.8	24.0	757	3.7	6.3	4873	16.4	18.0

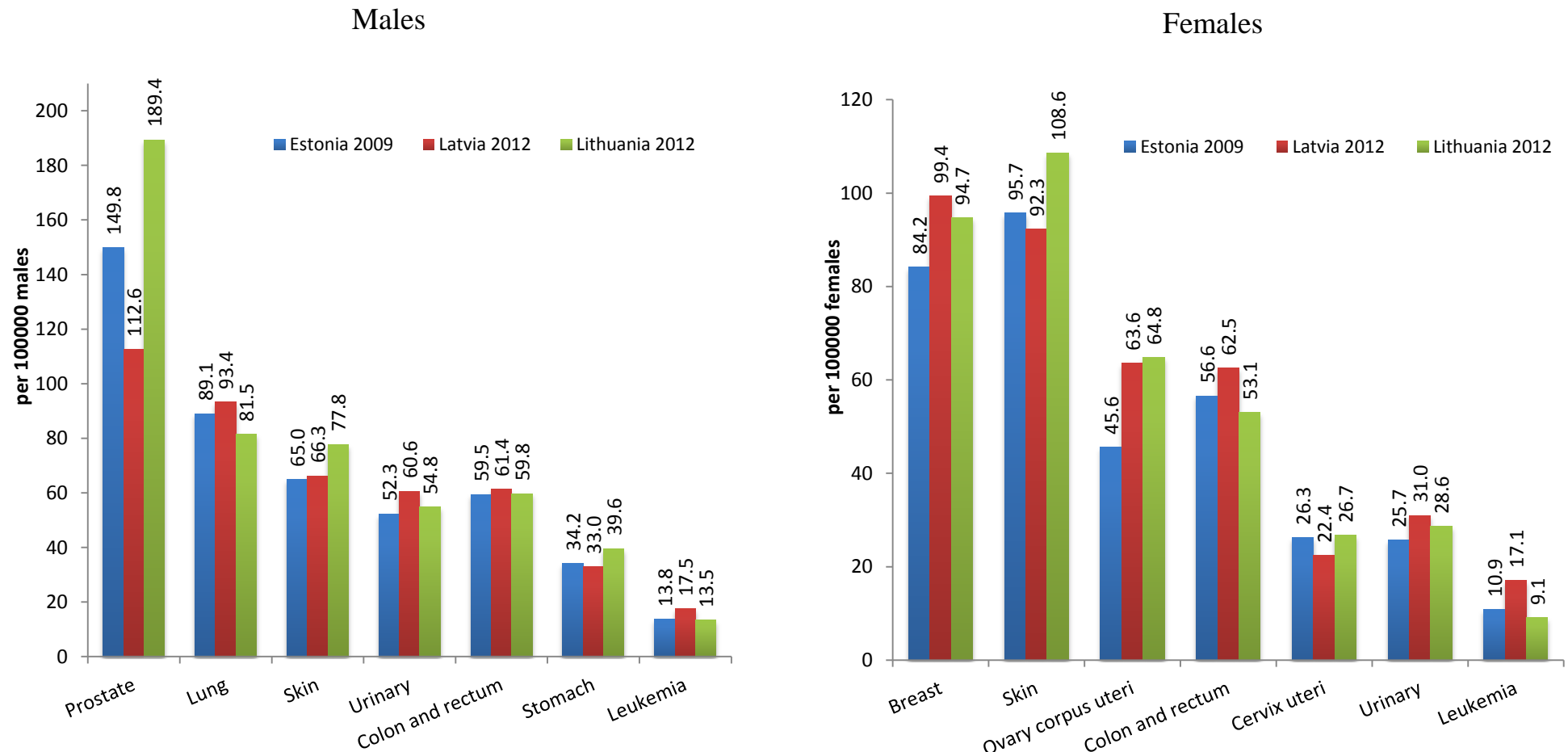
¹ Hospital beds average per year, excluding short-term social care beds

Selected notifiable diseases per 100,000 population in 2012

	ICD-10	Estonia	Latvia	Lithuania
Salmonella infections	A02	22.2	27.3	53.0
Bacillary dysentery	A03	2.6	0.2	1.7
Enteritis Rotaviralis	A08.0	69.1	141.3	127.4
Other intestinal infections	A04, A05, A08.1-5, A09	145.1 ¹	389.2 ²	475.4
Diphtheria	A36	-	0.4	-
Whooping cough	A37	11.6	13.0	5.2
Meningococcal infection	A39	0.5	0.2	2.8
Measles	B05	0.3	0.1	0.1
Tick-borne viral encephalitis	A84	13.8	18.5	16.6
Viral hepatitis, total	B15-B19	28.5	78.5	8.8
A	B15	4.9	0.5	3.8
B	B16.2, B16,9	0.7 ³	4.0 ³	0.8
C	B17.1	1.9	2.4	1.3
Acute upper respiratory infections	J00-J06	12090.4 ⁴	...	20633.6
Influenza	J10-J11	127.7 ⁵	...	97.7
Syphilis	A50-A53	3.2	7.2	7.6
Gonorrhoea	A54	16.8	29.6	7.3
AIDS	B20-B24	2.8	7.0	1.3
HIV carrier	Z21	24.4	16.7 ⁶	5.4
Incidence of tuberculosis (excl. relapses)	A15-A19	18.1	43.3	47.9
Incidence of malignant neoplasms	C00-C97	528.2 ⁷	567.0	593.6

¹ A04.0-6, 8-9; A05; A08.1-5² A04; A05; A07.9; A08.1-4; A09³ B16 ⁴ J06 ⁵ J09-J11 ⁶ Z21; R75⁷ data for 2009

Incidence of malignant neoplasms by main sites



Sources:

EE: Estonian Cancer Registry

LV: Register of Patients with Particular Diseases, Patients with Cancer. Data updated 27.12.2013.

LT: Institute of Oncology of Vilnius University, Cancer register

Hospital beds use by speciality in 2012

	Estonia					Latvia ¹					Lithuania ²				
	Admission per 1000 pop.	Bed occupancy		Average length of stay	Bed turnover	Admission per 1000 pop.	Bed occupancy		Average length of stay	Bed turnover	Admission per 1000 pop.	Bed occupancy		Average length of stay	Bed turnover
		Days	%				Days	%				Days	%		
TOTAL	183.9	263.6	72.0	7.9	33.5	190.1	267.5	73.1	8.3	32.3	275.4	280.7	76.9	9.2	30.6
Internal medicine	38.8	288.7	78.9	6.5	42.5	38.7	259.2	70.8	6.0	43.2	59.4	296.7	81.3	7.6	38.9
Rehabilitation	5.2	258.4	70.6	11.1	22.8	8.9	297.6	81.3	12.5	23.8	6.3	257.0	70.4	20.4	12.6
Surgery (including orthopaedics)	45.4	257.7	70.4	5.0	50.7	45.2	256.5	70.1	6.7	48.3	72.6	245.3	67.2	5.0	48.7
Oncology (include radiology)	4.1	295.6	80.8	8.5	33.1	7.2	218.1	59.6	8.0	27.1	7.8	301.4	82.6	8.6	35.2
Otolaryngology	6.9	219.2	59.9	1.6	140.3	2.7	207.7	56.8	3.9	53.6	6.1	238.8	65.4	3.7	65.3
Ophthalmology	1.4	125.8	34.4	1.7	72.9	2.8	169.3	46.3	2.4	71.3	9.7	197.7	54.2	2.0	99.6
Obstetrics	14.2	197.0	53.8	2.9	67.7	11.5	228.2	62.4	4.2	62.1	13.4	218.3	59.8	4.3	50.6
Gynaecology	9.6	180.8	49.4	2.5	71.1	8.2	206.2	56.3	3.4	61.2	13.4	209.1	57.3	3.2	65.1
Neurology	6.7	294.4	80.4	5.4	53.0	11.2	279.9	76.5	7.2	39.1	17.7	301.3	82.5	8.5	35.5
Dermatology & venerology	1.1	258.8	70.7	8.5	30.7	0.1	179.0	48.9	4.5	39.5	1.0	277.7	76.1	10.3	26.9
Infectious	5.7	223.9	61.2	5.2	43.3	14.2	250.6	68.5	4.2	56.7	7.8	260.0	71.2	4.6	56.6
Tuberculosis	0.5	269.0	73.5	67.2	3.8	3.2	268.6	73.5	23.5	11.4	1.5	291.1	79.7	70.6	4.1
Paediatrics	10.8	219.0	59.8	3.8	56.1	11.7	237.1	64.8	5.4	44.2	20.7	240.0	65.8	5.0	47.9
Psychiatry	9.8	317.8	86.8	17.5	18.1	8.8	328.4	89.7	43.0	7.6	10.7	276.8	75.8	24.6	11.3
Addiction treatment	-	-	-	-	-	6.6	244.0	66.7	4.5	54.2	1.9	250.6	68.7	12.1	20.7
General & nursing	14.0	270.3	73.9	24.8	10.9	9.0	229.9	62.8	9.2	25.1	9.4	343.4	94.1	52.7	6.5

¹ Excluding short-term social care beds² Including hospital day cases (about 7% of admissions)

Discharges¹ by groups of diseases in 2012

	Estonia ²				Latvia ³				Lithuania			
	Children (0-14)		Adults (15 +)		Children (0-17)		Adults (18 +)		Children (0-17)		Adults (18 +)	
	discharges per 1000 pop.	average length of stay	discharges per 1000 pop.	average length of stay	discharges per 1000 pop.	average length of stay	discharges per 1000 pop.	average length of stay	discharges per 1000 pop.	average length of stay	discharges per 1000 pop.	average length of stay
Certain infectious and parasitic diseases	20.8	2.8	4.6	17.1	22.6	4.5	6.2	13.3	29.2	4.5	5.5	23.7
Neoplasms	3.0	3.6	22.5	8.2	3.4	5.8	18.6	8.2	3.7	7.8	25.2	10.0
Diseases of the blood and blood forming organs and certain disorders involving the immune mechanisms	1.1	2.6	1.5	7.0	1.0	5.3	1.1	6.6	1.1	5.3	1.5	7.7
Endocrine, nutritional and metabolic diseases	1.6	4.7	4.0	8.3	2.9	11.2	3.1	7.0	5.1	7.2	4.3	9.1
Mental and behavioural disorders	5.7	9.4	12.6	17.7	8.6	23.8	17.8	22.8	10.0	12.9	12.8	22.7
Diseases of the nervous system	5.4	6.0	5.9	8.9	9.5 ⁴	7.7 ⁴	10.6 ⁴	5.3 ⁴	9.3	10.8	10.4	11.6
Diseases of the eye and adnexa	0.6	1.6	1.4	1.9					4.0	6.2	6.9	2.7
Diseases of the ear and mastoid process	5.1	3.3	1.0	3.5					2.8	5.5	1.7	7.0
Diseases of the circulatory system	1.3	3.1	39.7	10.9	2.3	7.3	35.8	7.0	2.8	4.9	68.5	13.8
Diseases of the respiratory system	41.1	3.1	11.5	6.4	62.0	5.5	10.9	7.2	72.9	6.6	14.5	9.7
Diseases of the digestive system	8.3	2.7	15.7	5.3	19.1	4.0	15.0	5.5	18.2	4.1	20.2	6.5
Diseases of the skin and subcutaneous tissue	2.8	3.4	2.6	8.5	5.2	5.0	2.3	7.5	7.0	4.9	3.6	9.4
Diseases of the musculo-skeletal and connective tissue	2.2	4.0	13.1	6.7	4.9	8.4	15.4	8.8	8.0	12.8	20.8	9.4
Diseases of the genitourinary system	4.9	3.9	11.3	4.7	6.7	5.1	10.6	4.6	6.9	5.1	16.2	5.3
Pregnancy, childbirth and puerperium ⁵	0.1	2.4	36.6	2.8	3.2	3.8	33.5	4.1	2.5	4.1	34.0	4.1
Certain conditions originating in perinatal period	17.5	7.2	-	-	14.3	6.3	-	-	19.7	6.5	-	-
Congenital malformations, deformations and chromosomal abnormalities	7.6	4.9	0.5	6.1	5.9	6.8	0.4	6.3	7.9	6.9	0.4	6.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	5.0	2.3	1.2	3.7	1.1	4.6	0.3	4.5	12.8	12.2	2.0	5.5
Injury, poisoning and certain other consequences of external causes	10.5	2.7	12.3	9.2	16.8	3.4	16.0	6.9	16.4	5.0	18.1	11.1
Factors influencing health and contact with health services	2.9	3.8	1.5	5.2	-	-	-	-	11.3	4.5	4.7	13.5
TOTAL	147.4	4.0	182.6	8.3	187.6	6.2	182.6	8.4	250.4	6.8	256.2	10.8

¹ Excluding hospital day cases² Deceased are included, healthy newborns are excluded³ Excluding short-term social care beds, patients transferred to another hospital or died patients⁴ Diseases of the nervous system and sense organs⁵ Per 1000 female population

Surgical operations¹ in the hospitals in 2012

	Estonia			Latvia			Lithuania		
	Number	Per 100,000 population	%	Number	Per 100,000 population	%	Number	Per 100,000 population	%
TOTAL	75655	5862.5	100.0	121455	5970.3	100.0	269201	9010.1	100.0
On the nervous system	2561	198.5	3.4	3248	159.7	2.7	8126	272.0	3.0
On the endocrine system	511	39.6	0.7	825	40.6	0.7	1965	65.8	0.7
On the eye	1747	135.4	2.3	3875	190.5	3.2	17021	569.7	6.3
On the ear, nose, throat, mouth, pharynx, facial bones and joints	9180	711.4	12.1	5593	274.9	4.6	20205	676.3	7.5
On the respiratory system	1263	97.9	1.7	1894	93.1	1.6	9922	332.1	3.7
On the heart and central vessels	5275	408.8	7.0	8159	401.1	6.7	29611	991.1	11.0
On the peripheral vessels and lymphatic system	2662	206.3	3.5	3401	167.2	2.8			
On the digestive system and spleen	11695	906.2	15.5	14757	725.4	12.2	48015	1607.0	17.8
On the urinary organs	2748	212.9	3.6	4980	244.8	4.1	11533	386.0	4.3
On the prostate ²	1012	168.9	1.3				6065	440.7	2.3
On female genital organs ³	7881	1139.8	10.4	12932	1171.8	10.6	26492	1643.9	9.8
Obstetrical operations ³	10623	1536.3	14.0	16801	1522.3	13.8	21366	1325.8	7.9
On the musculoskeletal system	12894	999.2	17.0	24973	1227.6	20.6	51881	1736.4	19.3
On the breast	958	74.2	1.3	2067	101.6	1.7	3030	101.4	1.1
On the skin and subcutaneous tissue	3657	283.4	4.8	12241	601.7	10.1	13969	467.5	5.2
Other procedures	988	76.6	1.3	5709	280.6	4.7	-	-	-

¹ Hospital day cases are excluded² Per 100,000 male population ³ Per 100,000 female population

Sales of medicinal products by ATC group in 2012
DDD/1 000 inhabitants/day

ATC group	Estonia	Latvia	Lithuania
A Alimentary tract and metabolism	133.8	107.8	113.9
B Blood and blood forming organs	90.4	82.9	69.1
C Cardiovascular system	394.9	349.1	425.5
D Dermatologicals	1.6	0.4	0.5
G Genitourinary system and sex hormones	59.4	32.8	30.1
H Systemic hormonal preparations, excl. sex hormones and insulins	21.5	20.8	34.6
J Antiinfectives for systemic use	17.9	17.4	20.3
L Antineoplastic and immunomodulating agents	8.6	4.8	5.6
M Musculo-skeletal system	69.4	68.2	69.3
N Nervous system	97.7	82.3	136.4
P Antiparasitic products, insecticides and repellents	0.8	0.7	0.8
R Respiratory system	70.2	56.5	63.3
S Sensory organs	24.0	21.3	19.5
V Various	0.12	0.05	0.06
Total	990.4	845.1	988.9

Sources:

EE: State Agency of Medicines

LV: The State Agency of Medicines of Latvia

LT: State Medicines Control Agency

Average salary of medical personnel in 2012
(Average salary, including additional payments, EUR)

	Estonia	Latvia	Lithuania
Physicians	1781	1208	1147
Nurses	889	752	586

Notes: Average salary includes personal income tax, and other taxes paid by the employee. It does not include social tax and other social contributions paid by the employer. The average monthly wage includes basic additional remuneration, additional payments for evening work, night work, work on days off or during public holidays and additional payments for overtime. Informal payments are not included.

EE:

Physicians average salary includes dentists and resident physicians.

Nurses average salary includes midwives and dental nurses.

Source of data: National Institute for Health Development, Department of Health Statistics. Annual report on hourly wages of health care personnel in March.

Coverage:

- All health care providers, both public and private sectors.
- The calculation of average monthly wage involves only full-time employees, i.e. those who worked with the full workload and worked for the whole month under survey.
- The average monthly wage includes irregular additional payments (quarterly and annual bonuses and other irregular performance and value payments) which are paid in March.

LV:

Physicians average salary includes dentists, functional specialists (e.g. physiotherapists, speech therapists, dietary specialists, ergotherapy specialists etc.).

Nurses average salary includes physician's assistants, midwives, dental technicians, laboratory technicians, dental hygiene specialists, dentist's assistants.

Source of data: the National Health Service of Latvia www.vmnvd.gov.lv

Coverage:

- Health care establishments providing health care services that are covered from the state budget.

LT:

Nurses average salary includes physician's assistants, midwives, dental technicians, laboratory technicians, dental hygiene specialists, dentist's assistants.

Source of data: physicians salary – Statistics Lithuania, nurses salary – National Health Insurance Fund

Coverage:

- Nurses salary includes health care institutions (public or private) having contracts with National Health insurance Fund only.

Health care expenditure (in millions) in 2012
(Data calculated using OECD methodology of System of Health Accounts)

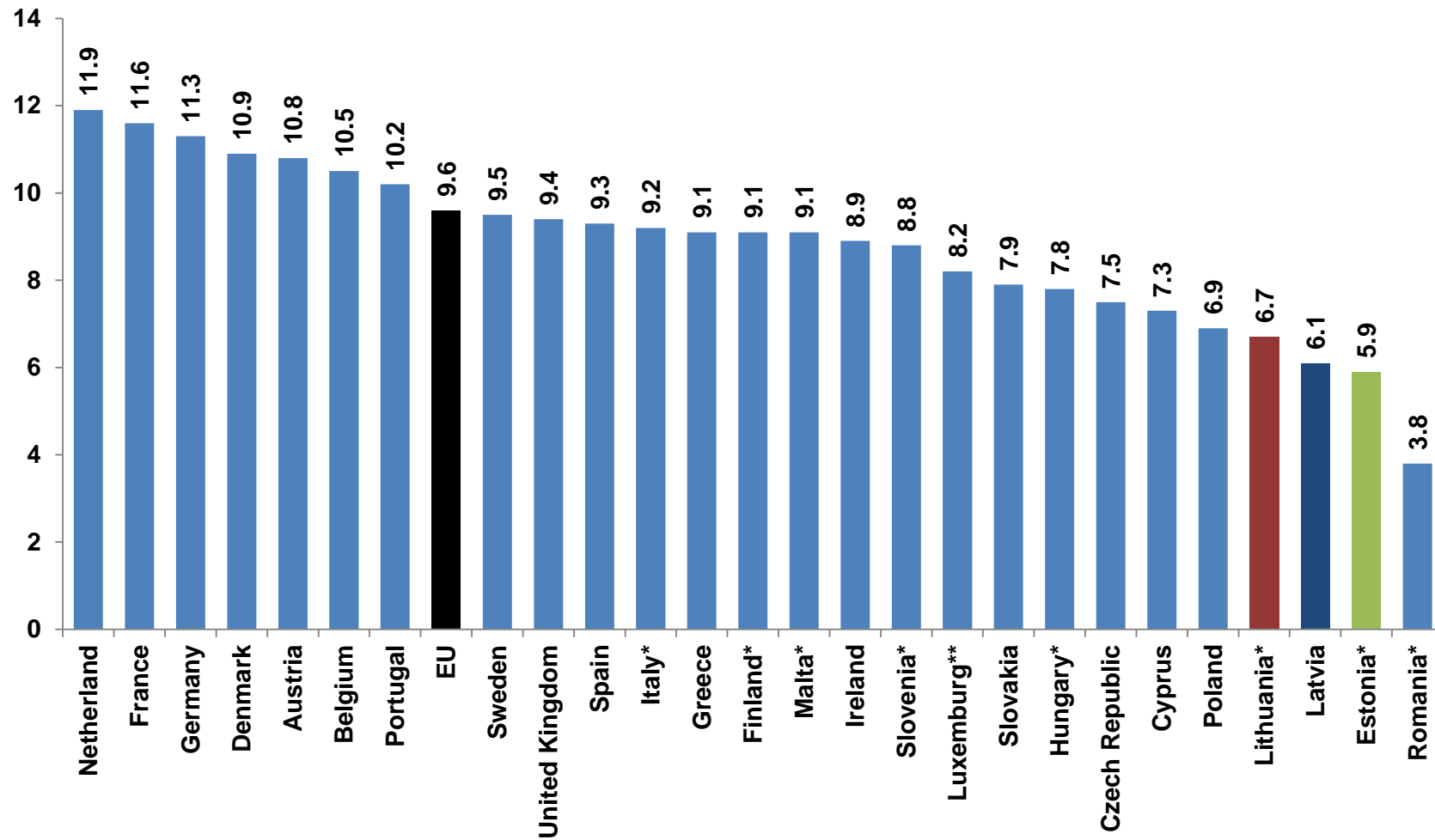
	Estonia¹	Latvia²	Lithuania³
Total health care expenditure (in national currency):	1025.3	870.8	7578.3
public	807.2	552.9	4946.9
of which social security funds	698.7	...	4213.4
private	203.0	297.0	2356.3
of which private households out-of-pocket expenditure	186.1	272.7	2300.2
Current expenditure on health care (in national currency)	1011.5	795.1	7234.6
Expenditure on gross capital formation in health care (in national currency)	13.8	75.7	343.7
Gross domestic product (in national currency)	17415.1	14275.2	113734.7
Gross domestic product (in Euro)	17415.1	20311.8	32939.8
Total health care expenditure (in Euro)	1025.3	1239.0	2194.8
Total health care expenditure per capita (in Euro)	765.3	601	734.6
Total expenditure on health care as percentage of GDP (%)	5.9	6.1	6.7
Public expenditure on health care as percentage of GDP (%)	4.6	3.9	4.4
Private expenditure on health care as percentage of GDP (%)	1.2	2.1	2.1
Public expenditure on health care as percentage of total expenditure	78.7	63.5	65.3
Expenditure on gross capital formation as percentage of total expenditure	1.3	8.7	4.5
The structure of current expenditure on health care by health care functions (%):			
curative care	52.8	45.5	47.9
rehabilitative care	2.1	1.9	4.5
long-term care	4.4	6.8	7.7
ancillary services to health care	11.1	9.8	5.0
medical goods dispensed to out-patients	24.3	29.8	31.9
prevention and public health services	3.3	3.4	1.1
health administration and health insurance	2.0	2.8	2.0

¹ all data in EUR

² 2011 data

³ preliminary data

Total health care expenditure as % of GDP in EU member states in 2011



* 2012 data, ** 2009 data

Obstetric Definitions

Live birth -	A foetus that after complete expulsion or extraction from its mother breathes or shows any other evidence of life, irrespective of the duration of the pregnancy.	used for international comparison including births with a weight of 1000 g or more.
Still birth -	Death prior to the complete expulsion or extraction from its mother of a product of conception after 22 weeks of gestation. The standard rate is used for international comparison including births with a weight of 1000 g or more.	
Infant death -	A live-born infant who dies during the first year of life.	
Neonatal death -	Death occurring at the age of 0 to 27 full days of life (27 days 23 hours 59 min.). The first day of life is considered as day zero.	
Early neonatal death -	Death occurring at the age of 0 to 6 full days of life (6 days 23 hours 59 min.). The first day of life is considered as day zero.	
Perinatal death -	Foetal deaths and live-born infants who die at the age of 0 to 6 full days of life. The standard rate is	
		Maternal death - The death of a woman while pregnant or within 42 days after termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.
		Abortion - Spontaneous or induced (legal, therapeutic, criminal) abortion is the termination of pregnancy or artificial extraction of the product of the conception during the first 22 weeks of gestation.
		Still birth rate - The average number of children that would be born per woman if all women lived to the end of their childbearing years and bore children according to a given set of age-specific fertility rates.

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