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Health in the Baltic Countries

2011

20th edition

2013

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Symbols used in the tables:

| | |
|-----------------------|-----|
| Zero or no applicable | - |
| Data not available | ... |

Preface

“Health in the Baltic Countries 2011” is the twentieth 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 01.01.2012*

| | Estonia | Latvia | Lithuania |
|-----------------------|--------------|--------|-------------|
| Population (thousand) | 1294.5 | 2041.8 | 3007.7 |
| Per 1 km ² | 29.8 | 31.6 | 46.1 |
| Urban (thousand) | 879.2 | 1382.1 | 2008.7 |
| % | 67.9 | 67.7 | 66.8 |
| Rural (thousand) | 415.3 | 659.6 | 999.0 |
| % | 32.1 | 32.3 | 33.2 |
| Males (thousand) | 600.5 | 933.1 | 1385.6 |
| % | 46.4 | 45.7 | 46.1 |
| Females (thousand) | 693.9 | 1108.6 | 1622.1 |
| % | 53.6 | 54.3 | 53.9 |
| Below working age (%) | 16.4 | 14.3 | 16.1 |
| Working age (%) | 64.0 | 63.6 | 61.5 |
| Above working age (%) | 19.6 | 22.1 | 22.4 |
| Working age | | | |
| Males | 16-63 | 15-61 | 16-62 y.8m. |
| Females | 16-61 y.6 m. | 15-61 | 16-60 y.4m. |

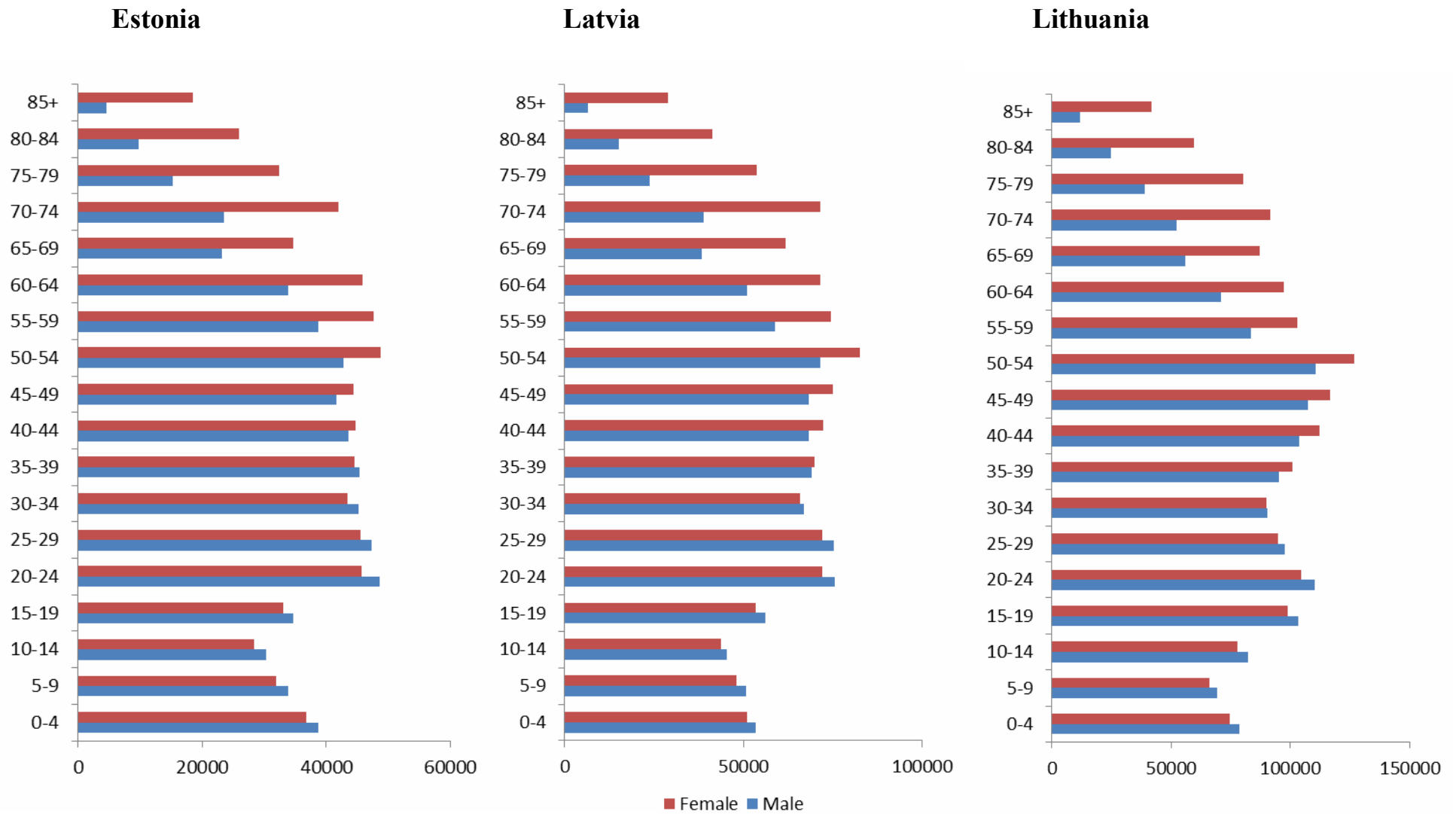
* Data according to the Population and Housing Census 2011

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 | Juožapinė, 293.6 m |
| Average daily temperature in January 2011 | - 3.5° C | - 3.0° C | - 2.7° C |
| Average daily temperature in July 2011 | + 20.3° C | + 19.8° C | + 19.3° C |
| Average daily temperature 2011 | + 7.0° C | + 7.3° C | + 7.6° C |
| Administrative units at the beginning of 2012 | 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 2012 | Tallinn 393.2 | Riga 650.5 | Vilnius 523.1 |
| 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 |

* On 1 January 2011, Estonia replaced the kroon (EEK) with the euro.

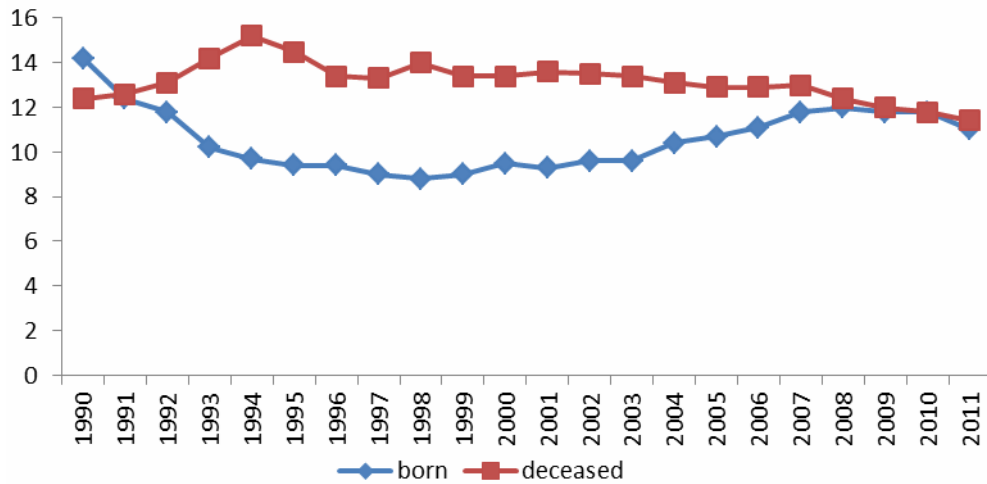
Population by age at the beginning of 2012*



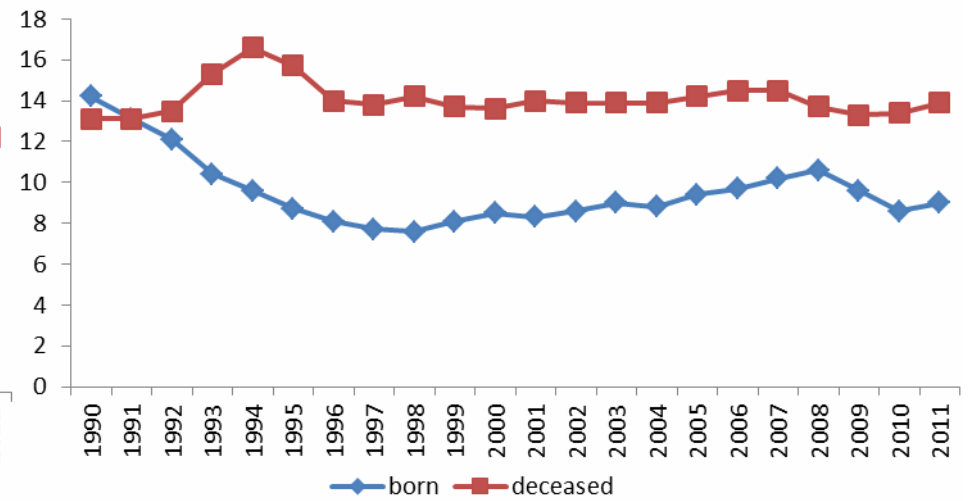
* Data according to the Population and Housing Census 2011

Trends in demographics indicators
Per 1000 population

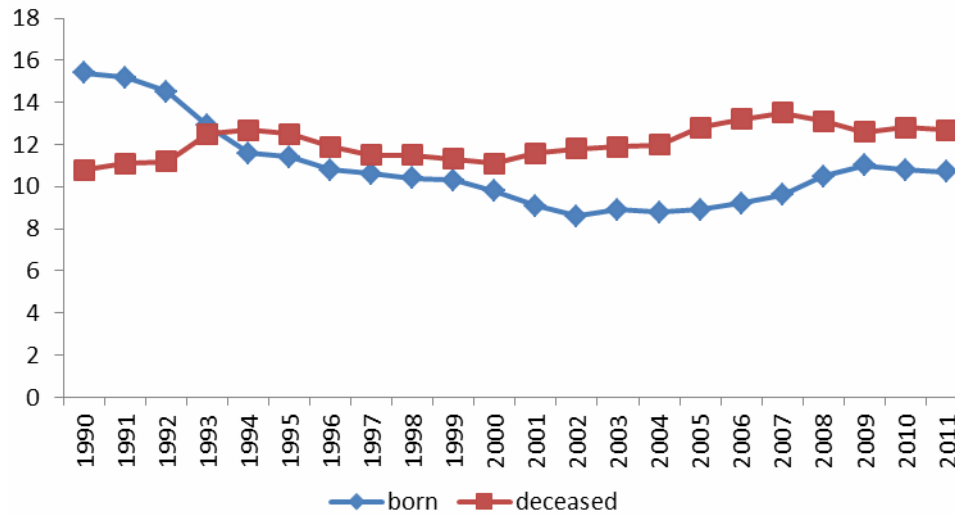
Estonia



Latvia



Lithuania



Health in the Baltic countries

Resident population by age and gender at 01.01.2012*

| | Estonia | | | | | | Latvia | | | | | | Lithuania | | | | | |
|--------------|----------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|---------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| | Total | | Males | | Females | | Total | | Males | | Females | | Total | | Males | | Females | |
| | Number | % | Number | % | Number | % | Number | % | Number | % | Number | % | Number | % | Number | % | Number | % |
| Total | 1294455 | 100.0 | 600526 | 100.0 | 693929 | 100.0 | 2041763 | 100.0 | 933114 | 100.0 | 1108649 | 100.0 | 3007758 | 100.0 | 1385671 | 100.0 | 1622087 | 100.0 |
| 0-4 | 75497 | 5.8 | 38738 | 6.5 | 36759 | 5.3 | 104305 | 5.1 | 53322 | 5.7 | 50983 | 4.6 | 153101 | 5.1 | 78655 | 5.7 | 74446 | 4.6 |
| 5-9 | 65758 | 5.1 | 33806 | 5.6 | 31952 | 4.6 | 98784 | 4.8 | 50674 | 5.4 | 48110 | 4.3 | 135144 | 4.5 | 69232 | 5.0 | 65912 | 4.1 |
| 10-14 | 58636 | 4.5 | 30344 | 5.1 | 28292 | 4.1 | 89095 | 4.4 | 45488 | 4.9 | 43607 | 3.9 | 159933 | 5.3 | 82286 | 5.9 | 77647 | 4.8 |
| 15-19 | 67639 | 5.2 | 34673 | 5.8 | 32966 | 4.8 | 109483 | 5.4 | 56141 | 6.0 | 53342 | 4.8 | 201882 | 6.7 | 103263 | 7.5 | 98619 | 6.1 |
| 20-24 | 94294 | 7.3 | 48553 | 8.1 | 45741 | 6.6 | 147472 | 7.2 | 75479 | 8.1 | 71993 | 6.5 | 214721 | 7.1 | 110082 | 7.9 | 104639 | 6.5 |
| 25-29 | 92924 | 7.2 | 47365 | 7.9 | 45559 | 6.6 | 147521 | 7.2 | 75390 | 8.1 | 72131 | 6.5 | 192347 | 6.4 | 97738 | 7.1 | 94609 | 5.8 |
| 30-34 | 88648 | 6.8 | 45166 | 7.5 | 43482 | 6.3 | 132663 | 6.5 | 66887 | 7.2 | 65776 | 5.9 | 180258 | 6.0 | 90166 | 6.5 | 90092 | 5.6 |
| 35-39 | 89773 | 6.9 | 45297 | 7.5 | 44476 | 6.4 | 139173 | 6.8 | 69230 | 7.4 | 69943 | 6.3 | 196091 | 6.5 | 95265 | 6.9 | 100826 | 6.2 |
| 40-44 | 88227 | 6.8 | 43587 | 7.3 | 44640 | 6.4 | 140562 | 6.9 | 68334 | 7.3 | 72228 | 6.5 | 215841 | 7.2 | 103841 | 7.5 | 112000 | 6.9 |
| 45-49 | 85869 | 6.6 | 41570 | 6.9 | 44299 | 6.4 | 143371 | 7.0 | 68373 | 7.3 | 74998 | 6.8 | 223700 | 7.4 | 107123 | 7.7 | 116577 | 7.2 |
| 50-54 | 91535 | 7.1 | 42825 | 7.1 | 48710 | 7.0 | 153993 | 7.5 | 71466 | 7.7 | 82527 | 7.4 | 237275 | 7.9 | 110480 | 8.0 | 126795 | 7.8 |
| 55-59 | 86426 | 6.7 | 38739 | 6.5 | 47687 | 6.9 | 133269 | 6.5 | 58852 | 6.3 | 74417 | 6.7 | 186393 | 6.2 | 83510 | 6.0 | 102883 | 6.3 |
| 60-64 | 79789 | 6.2 | 33882 | 5.6 | 45907 | 6.6 | 122576 | 6.0 | 51106 | 5.5 | 71470 | 6.4 | 167739 | 5.6 | 70741 | 5.1 | 96998 | 6.0 |
| 65-69 | 57796 | 4.5 | 23085 | 3.8 | 34711 | 5.0 | 99944 | 4.9 | 38236 | 4.1 | 61708 | 5.6 | 142681 | 4.7 | 55761 | 4.0 | 86920 | 5.4 |
| 70-74 | 65471 | 5.1 | 23452 | 3.9 | 42019 | 6.1 | 110442 | 5.4 | 38829 | 4.2 | 71613 | 6.5 | 143537 | 4.8 | 52158 | 3.8 | 91379 | 5.6 |
| 75-79 | 47683 | 3.7 | 15229 | 2.5 | 32454 | 4.7 | 77308 | 3.8 | 23679 | 2.5 | 53629 | 4.8 | 119245 | 4.0 | 38932 | 2.8 | 80313 | 5.0 |
| 80-84 | 35617 | 2.8 | 9731 | 1.6 | 25886 | 3.7 | 56507 | 2.8 | 15202 | 1.6 | 41305 | 3.7 | 84215 | 2.8 | 24647 | 1.8 | 59568 | 3.7 |
| 85+ | 22873 | 1.8 | 4484 | 0.7 | 18389 | 2.6 | 35295 | 1.7 | 6426 | 0.7 | 28869 | 2.6 | 53655 | 1.8 | 11791 | 0.9 | 41864 | 2.6 |

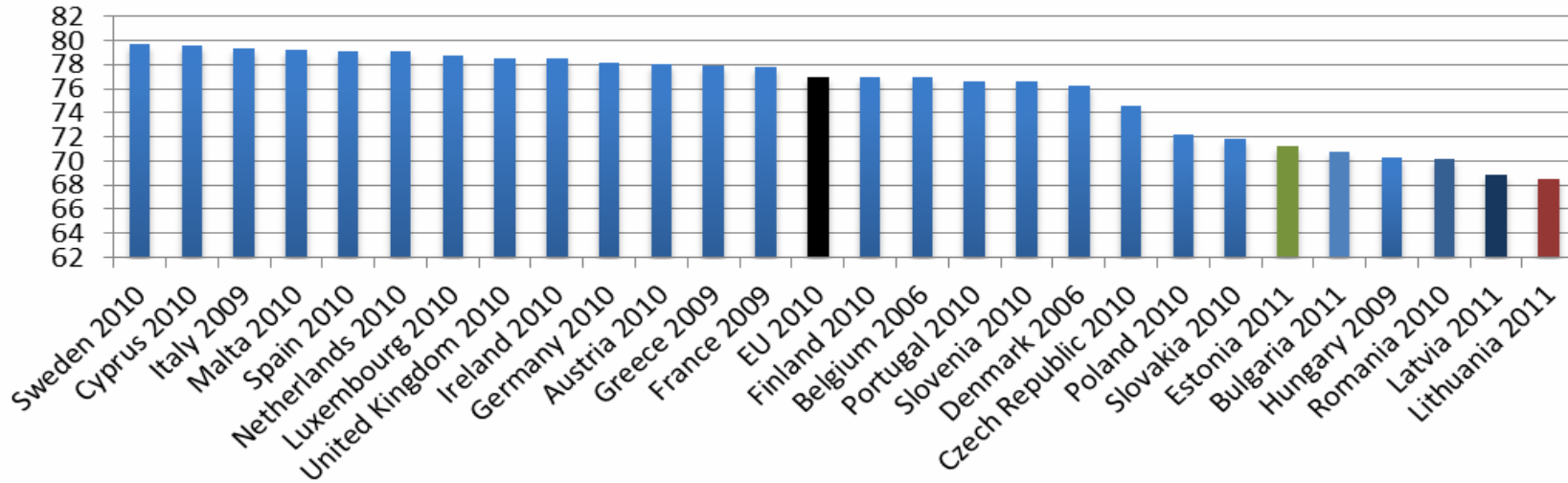
* Data according to the Population and Housing Census 2011

Nativity, mortality and natural increase per 1000 population

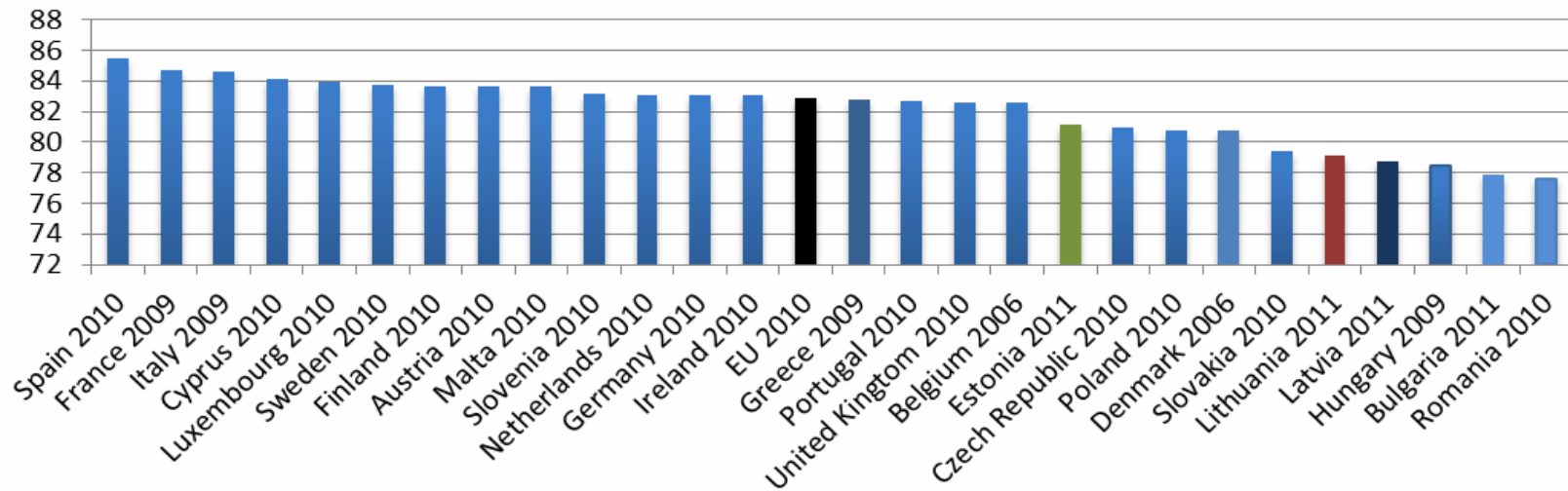
| Years | Estonia | | | Latvia | | | Lithuania | | |
|-------|----------|-----------|------------------|----------|-----------|------------------|-----------|-----------|------------------|
| | Nativity | Mortality | Natural increase | Nativity | Mortality | Natural increase | Nativity | Mortality | Natural increase |
| 1970 | 16.0 | 11.2 | 4.8 | 14.6 | 11.3 | 3.3 | 17.7 | 8.9 | 8.8 |
| 1975 | 15.0 | 11.6 | 3.4 | 14.2 | 12.2 | 2.0 | 15.7 | 9.5 | 6.2 |
| 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 | 9.5 | 13.4 | -3.9 | 8.5 | 13.6 | -5.1 | 9.8 | 11.1 | -1.3 |
| 2001 | 9.3 | 13.6 | -4.3 | 8.3 | 14.0 | -5.7 | 9.1 | 11.6 | -2.5 |
| 2002 | 9.6 | 13.5 | -3.9 | 8.6 | 13.9 | -5.3 | 8.6 | 11.8 | -3.2 |
| 2003 | 9.6 | 13.4 | -3.8 | 9.0 | 13.9 | -4.9 | 8.9 | 11.9 | -3.0 |
| 2004 | 10.4 | 13.1 | -2.7 | 8.8 | 13.9 | -5.1 | 8.8 | 12.0 | -3.2 |
| 2005 | 10.7 | 12.9 | -2.2 | 9.4 | 14.2 | -4.8 | 8.9 | 12.8 | -3.9 |
| 2006 | 11.1 | 12.9 | -1.8 | 9.7 | 14.5 | -4.7 | 9.2 | 13.2 | -4.0 |
| 2007 | 11.8 | 13.0 | -1.2 | 10.2 | 14.5 | -4.3 | 9.6 | 13.5 | -3.9 |
| 2008 | 12.0 | 12.4 | -0.4 | 10.6 | 13.7 | -3.1 | 10.5 | 13.1 | -2.6 |
| 2009 | 11.8 | 12.0 | -0.2 | 9.6 | 13.3 | -3.7 | 11.0 | 12.6 | -1.6 |
| 2010 | 11.8 | 11.8 | 0.03 | 8.6 | 13.4 | -4.8 | 10.8 | 12.8 | -2.0 |
| 2011 | 11.0 | 11.4 | -0.4 | 9.0 | 13.9 | -4.9 | 10.7 | 12.7 | -2.0 |

Life expectancy at birth in EU member states

Males

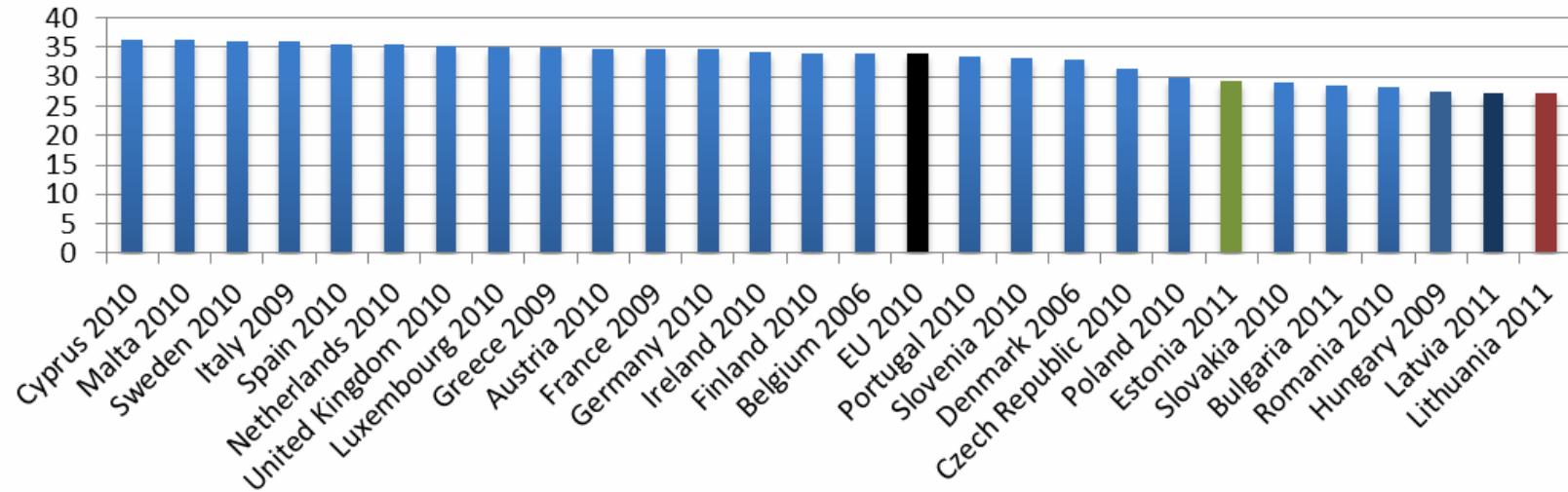


Females

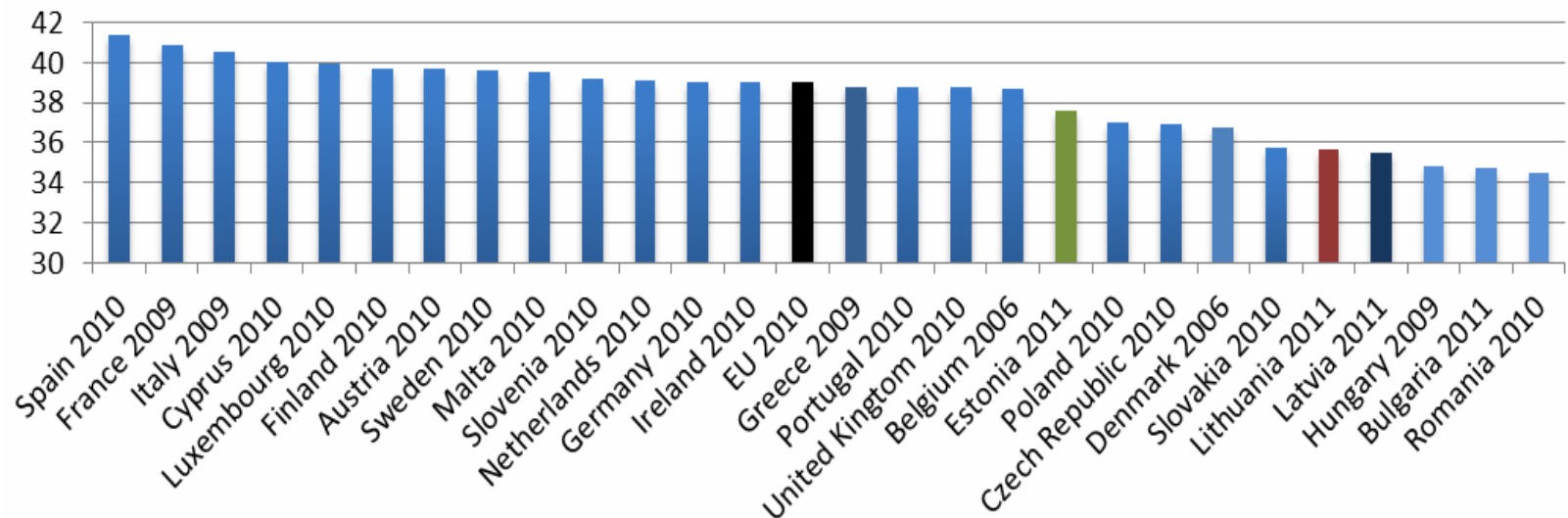


Life expectancy at 45 years of age in EU member states

Males



Females

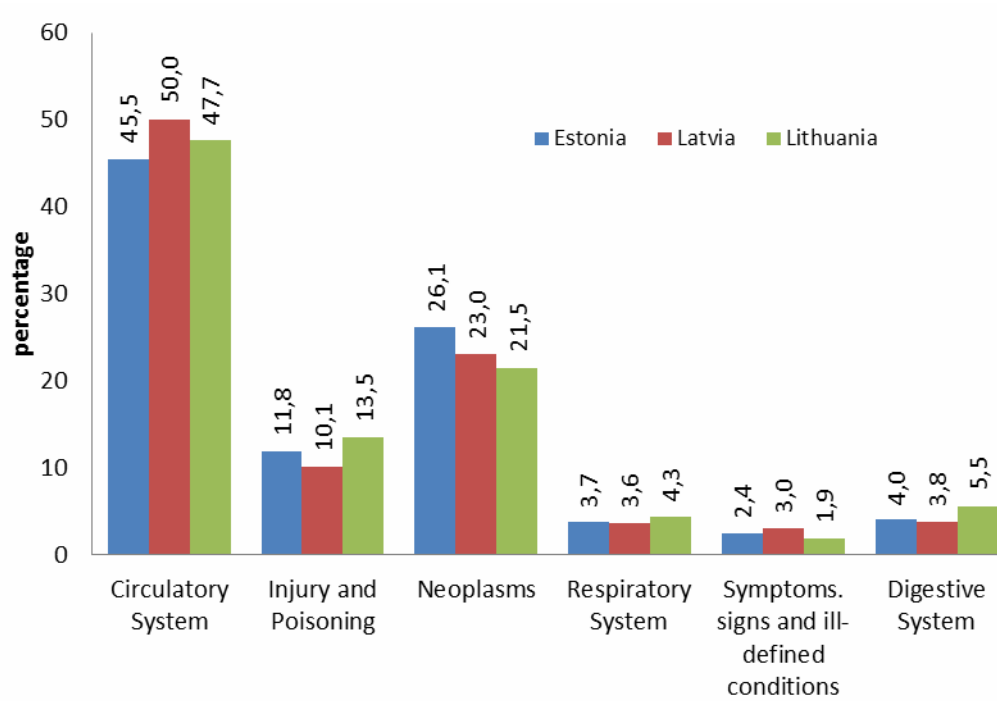


Deaths by cause per 100,000 population in 2011

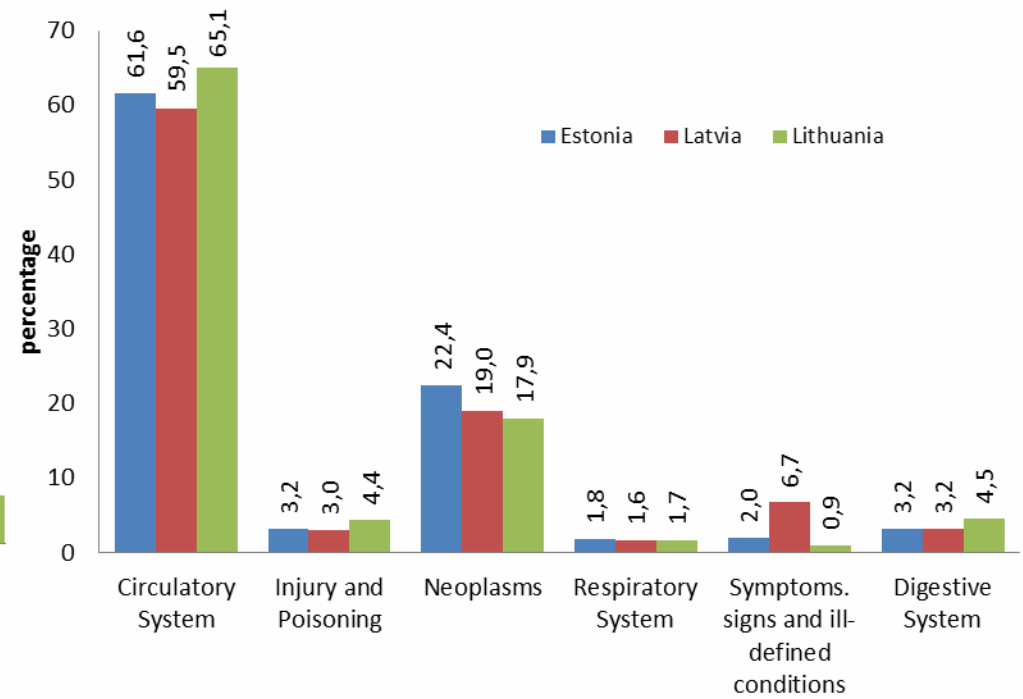
| Causes of death | Estonia | | | Latvia | | | Lithuania | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Certain infectious and parasitic diseases | 9.6 | 15.2 | 4.9 | 12.5 | 17.9 | 8.1 | 17.2 | 23.6 | 11.6 |
| Neoplasms | 274.8 | 315.0 | 240.4 | 289.8 | 338.1 | 249.2 | 255.8 | 304.9 | 213.2 |
| Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanisms | 1.3 | 1.0 | 1.7 | 1.5 | 1.0 | 1.9 | 1.0 | 1.1 | 0.8 |
| Endocrine, nutritional and metabolic diseases | 14.2 | 10.8 | 17.0 | 25.2 | 16.5 | 32.6 | 9.8 | 9.4 | 10.1 |
| Mental and behavioural disorders | 9.0 | 13.1 | 5.5 | 15.3 | 18.3 | 12.7 | 2.4 | 2.6 | 2.3 |
| Diseases of the nervous system and sensory organs | 20.0 | 22.8 | 17.6 | 13.0 | 15.7 | 10.6 | 17.1 | 18 | 16.4 |
| Diseases of the circulatory system | 609.4 | 549.7 | 660.6 | 761.5 | 736.7 | 782.4 | 716.5 | 668 | 758.5 |
| Diseases of the respiratory system | 31.1 | 44.5 | 19.7 | 35.3 | 52.7 | 20.6 | 38.6 | 60.5 | 19.6 |
| Diseases of the digestive system | 41.2 | 48.7 | 34.8 | 48.0 | 55.3 | 41.8 | 63.9 | 77.2 | 52.3 |
| Diseases of the skin and subcutaneous tissue | 0.7 | 0.5 | 0.8 | 1.9 | 1.5 | 2.2 | 1.3 | 0.9 | 1.6 |
| Diseases of the musculoskeletal system and connective tissue | 2.7 | 1.8 | 3.5 | 3.5 | 2.2 | 4.6 | 2.5 | 1.3 | 3.7 |
| Diseases of the genitourinary system | 7.8 | 8.1 | 7.5 | 15.6 | 16.2 | 15.1 | 8.9 | 9.2 | 8.6 |
| Pregnancy, childbirth and puerperium | - | - | 0.3 | - | - | - | - | - | 0.1 |
| Certain conditions originating in perinatal period | 1.2 | 1.6 | 0.8 | 3.4 | 4.0 | 2.8 | 2.1 | 2.7 | 1.6 |
| Congenital malformations, deformations and chromosomal abnormalities | 2.5 | 2.6 | 2.4 | 3.3 | 3.8 | 2.9 | 2.7 | 3.6 | 1.9 |
| Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | 24.9 | 28.5 | 21.9 | 67.7 | 44.1 | 87.5 | 18.3 | 27.6 | 10.2 |
| Injury, poisoning and certain other consequences of external causes | 84.2 | 142.8 | 34.1 | 89.4 | 149.1 | 39.1 | 115.4 | 188.8 | 51.8 |
| TOTAL | 1134.7 | 1206.7 | 1073.3 | 1386.7 | 1473.1 | 1313.9 | 1273.6 | 1399.5 | 1164.3 |

Main causes of death in 2011

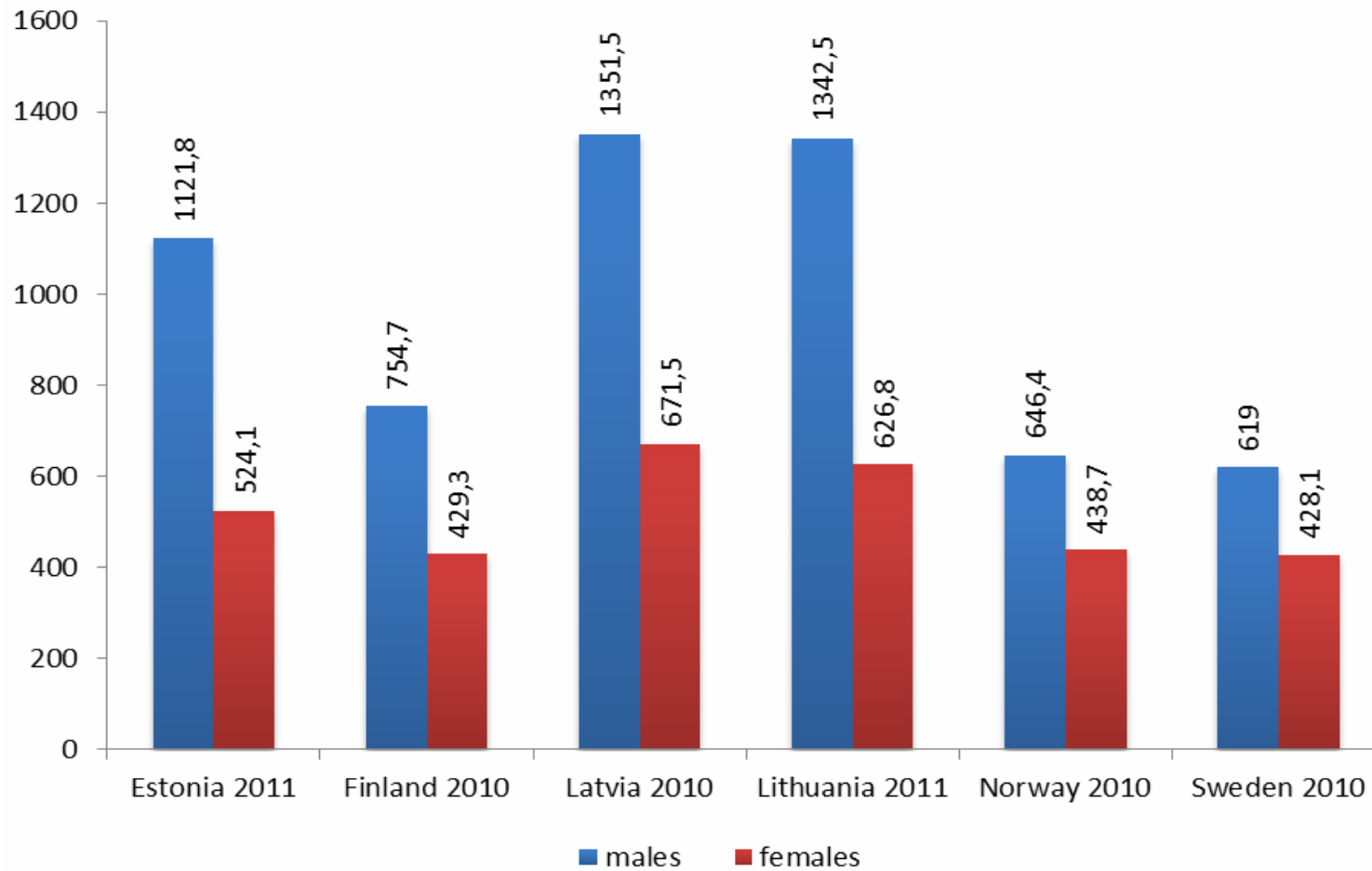
Males



Females

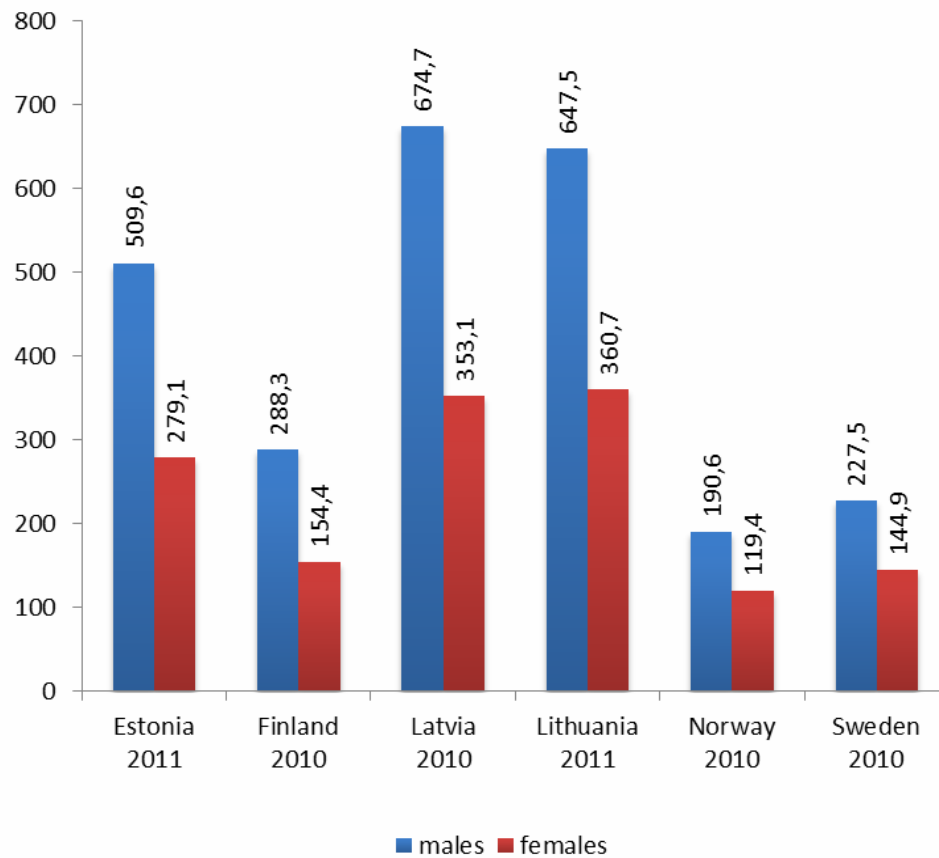


Age-standardised death rates
(per 100,000 European standard population)

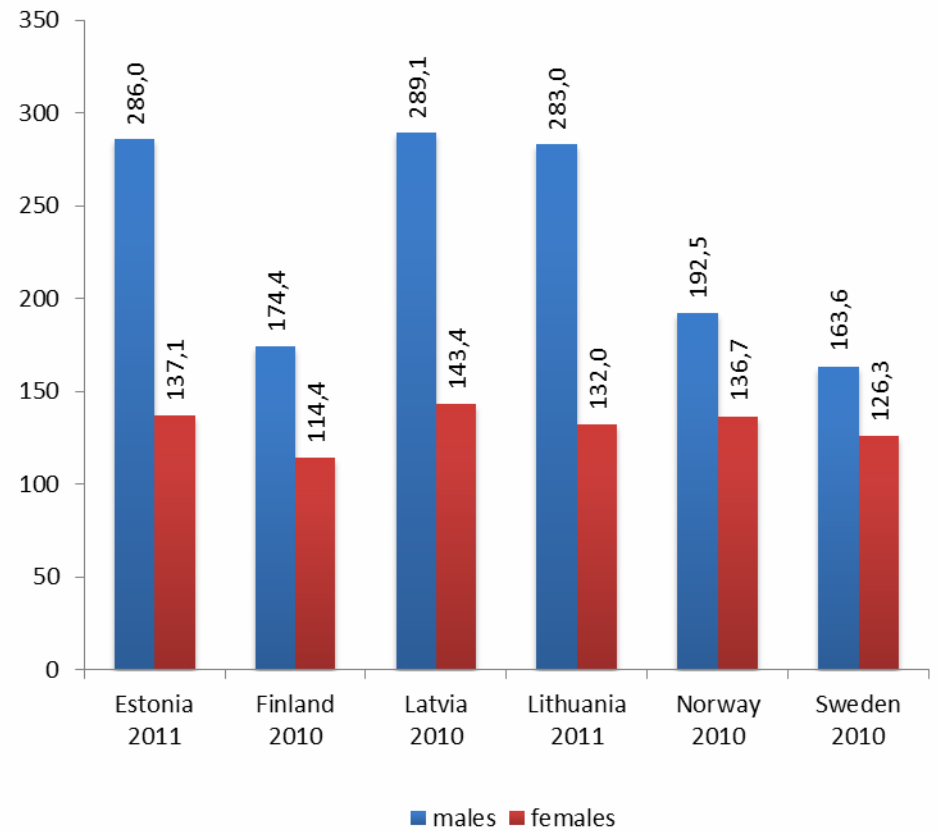


Age-standardised death rates
(per 100,000 European standard population)

diseases of circulatory system



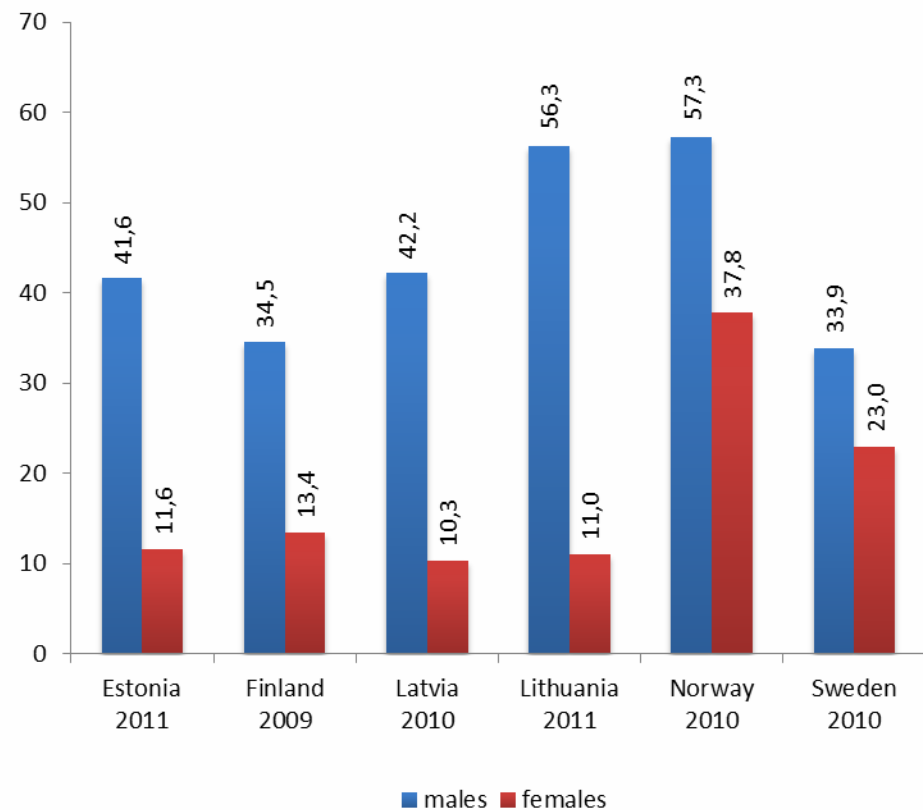
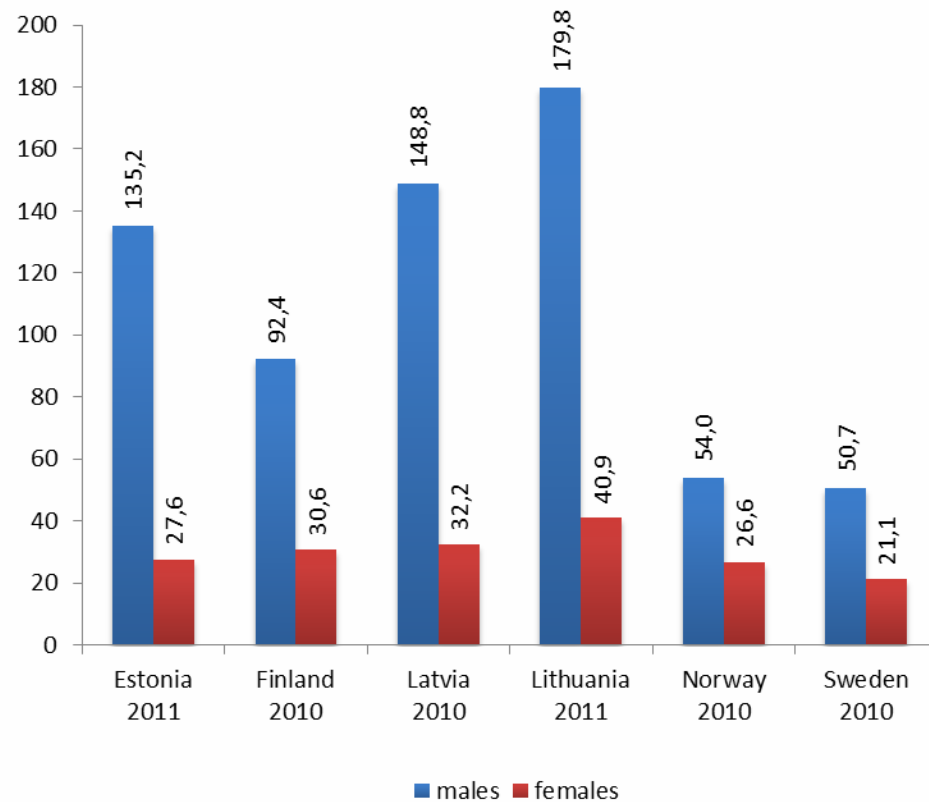
malignant neoplasms



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

injuries, poisoning and other consequences of external causes

diseases of respiratory system

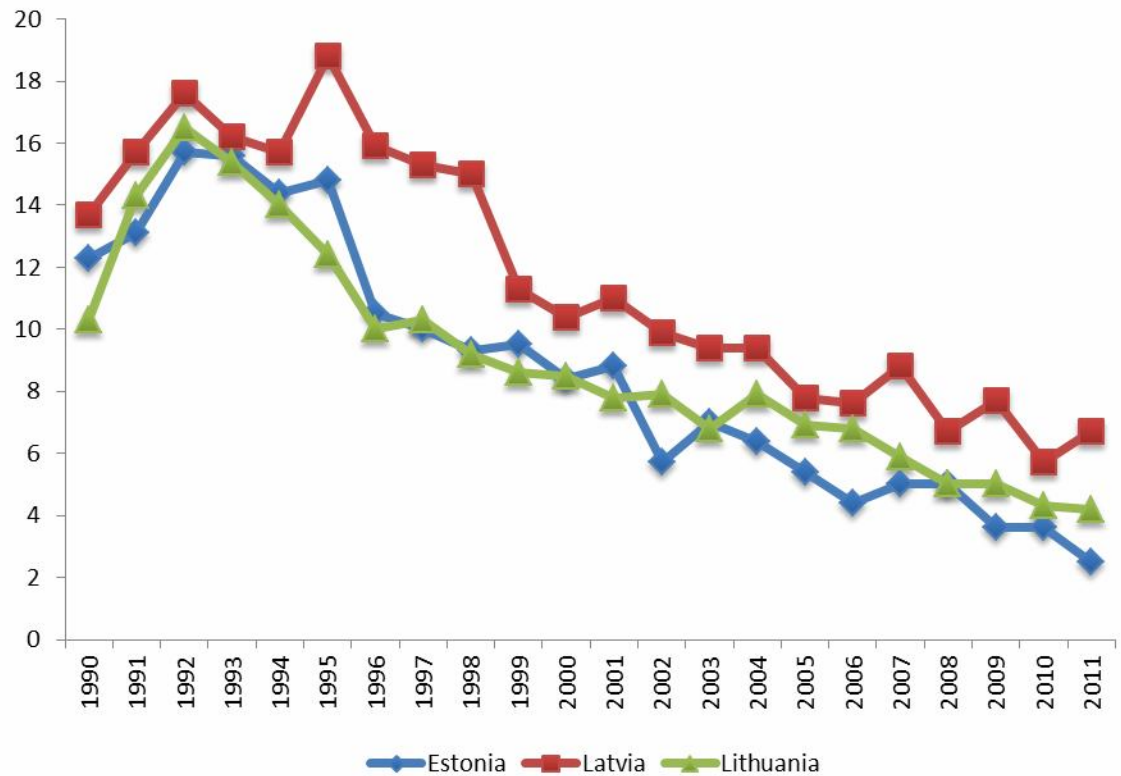


Selected causes of deaths per 100,000 population in 2011

| Causes of death | ICD-10 codes | Estonia | | | Latvia | | | Lithuania | | |
|------------------------------------|--------------|---------|-------|---------|--------|-------|---------|-----------|-------|---------|
| | | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Tuberculosis | A15-A19 | 2.7 | 4.9 | 0.8 | 3.2 | 5.4 | 1.3 | 6.6 | 11.6 | 2.3 |
| AIDS | B20-B24 | 4.5 | 7.8 | 1.7 | 3.5 | 5.4 | 2.0 | 0.6 | 1.0 | 0.2 |
| Stomach cancer | C16 | 21.5 | 27.4 | 16.5 | 22.6 | 27.9 | 18.2 | 20.8 | 25.7 | 16.6 |
| Colon cancer | C18 | 19.9 | 17.6 | 21.9 | 18.9 | 18.5 | 19.1 | 16.2 | 16.7 | 15.7 |
| Rectum cancer | C19-C21 | 12.3 | 15.2 | 9.8 | 14.6 | 16.3 | 13.2 | 13.4 | 14.4 | 12.6 |
| Trachea, bronchus and lung cancer | C33-C34 | 48.5 | 79.8 | 21.7 | 48.0 | 84.4 | 17.4 | 43.1 | 78.1 | 12.8 |
| Breast cancer | C50 | 19.1 | 0.5 | 35.0 | 21.7 | 0.2 | 39.7 | 16.9 | 0.3 | 31.4 |
| Cervix uteri cancer | C53 | - | - | 10.7 | - | - | 10.8 | - | - | 12.3 |
| Prostate cancer | C61 | - | 36.1 | - | - | 39.6 | - | - | 33.9 | - |
| Diabetes | E10-E14 | 12.2 | 9.6 | 14.4 | 23.6 | 15.0 | 30.9 | 8.6 | 7.8 | 9.4 |
| Ischaemic heart disease | I20-I25 | 290.0 | 274.5 | 303.3 | 406.5 | 414.7 | 399.6 | 457.5 | 436.8 | 475.5 |
| of which myocardial infarction | I21-I22 | 40.8 | 44.7 | 37.4 | 60.8 | 76.6 | 47.5 | 41.1 | 46.8 | 36.1 |
| Cerebrovascular diseases | I60-I69 | 92.5 | 80.6 | 102.6 | 212.4 | 172.1 | 246.2 | 176.5 | 139.3 | 208.7 |
| Atherosclerosis | I70 | 13.3 | 10.5 | 15.7 | 15.5 | 13.7 | 17.1 | 4.2 | 4.4 | 3.9 |
| Pneumonia | J12-J18 | 10.8 | 15.1 | 7.2 | 16.2 | 22.3 | 11.0 | 12.2 | 17.2 | 7.9 |
| Chronic bronchitis, asthma | J41-J46 | 16.2 | 23.6 | 9.8 | 14.6 | 23.5 | 7.2 | 22.9 | 38.4 | 9.6 |
| Alcoholic liver disease | K70 | 12.3 | 18.8 | 6.8 | 7.3 | 11.2 | 4.0 | 14.1 | 20.6 | 8.4 |
| Fibrosis and cirosis of liver | K74 | 5.6 | 6.6 | 4.7 | 10.7 | 14.0 | 8.0 | 14.8 | 20.3 | 10 |
| Transport accidents | V01-V99 | 9.0 | 14.7 | 4.2 | 9.7 | 17.3 | 3.3 | 11.2 | 18 | 5.4 |
| Falls | W00-W19 | 6.4 | 9.2 | 4.0 | 10.5 | 15.9 | 6.0 | 10.8 | 16.1 | 6.2 |
| Accidental drowning and submersion | W65-W74 | 4.5 | 7.1 | 2.2 | 7.2 | 13.4 | 2.0 | 7.4 | 13 | 2.5 |
| Exposure to excessive natural cold | X31 | 4.9 | 8.1 | 2.1 | 7.1 | 10.4 | 4.3 | 8.8 | 13.6 | 4.7 |
| Accidental poisoning by alcohol | X45 | 9.3 | 15.9 | 3.7 | 4.0 | 7.3 | 1.2 | 9.6 | 16.2 | 3.8 |
| Intentional self-harm | X60-X84 | 14.3 | 26.6 | 4.5 | 21.4 | 38.8 | 6.7 | 31.6 | 54.6 | 11.6 |
| Assault | X85-Y09 | 4.9 | 8.3 | 1.9 | 6.3 | 9.9 | 3.2 | 4.9 | 7.4 | 2.7 |

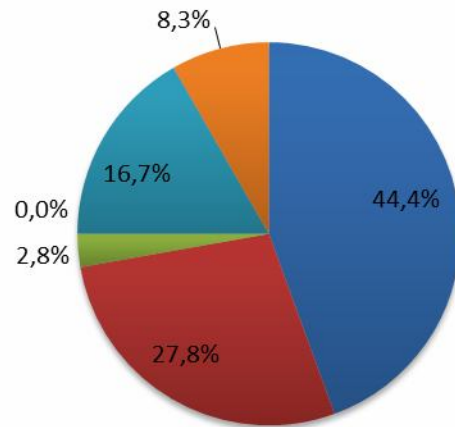
Infant mortality per 1000 live births

| Years | Estonia | Latvia | Lithuania |
|-------|---------|--------|-----------|
| 1965 | 20.3 | 18.6 | 35.4 |
| 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 | 7.8 |
| 2002 | 5.7 | 9.9 | 7.9 |
| 2003 | 7.0 | 9.4 | 6.8 |
| 2004 | 6.4 | 9.4 | 7.9 |
| 2005 | 5.4 | 7.8 | 6.9 |
| 2006 | 4.4 | 7.6 | 6.8 |
| 2007 | 5.0 | 8.8 | 5.9 |
| 2008 | 5.0 | 6.7 | 5.0 |
| 2009 | 3.6 | 7.7 | 5.0 |
| 2010 | 3.3 | 5.7 | 4.3 |
| 2011 | 2.5 | 6.7 | 4.2 |



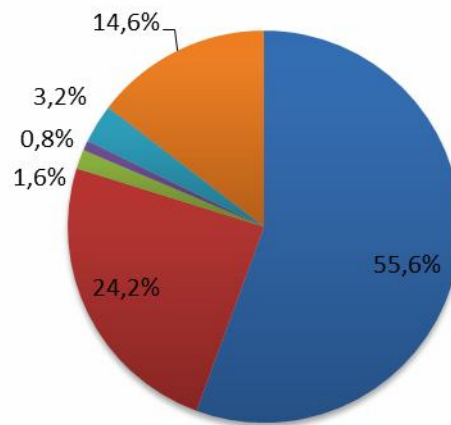
Structure of infant mortality in percentage in 2011

Estonia



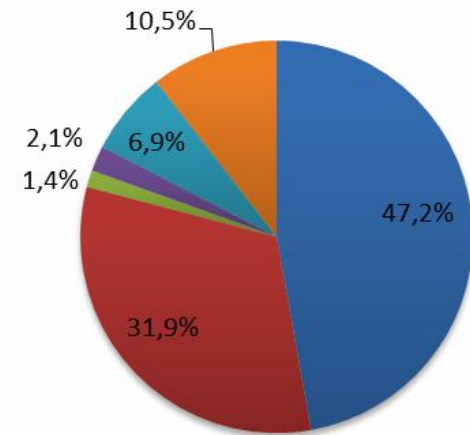
- Perinatal conditions
- Congenital anomalies
- Respiratory system
- Infectious & parasitic
- Injury & poisoning
- Others

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 2011

| | Estonia | | Latvia | | Lithuania | |
|---|-------------|------------|-------------|------------|-------------|------------|
| | Rate | % | Rate | % | Rate | % |
| Certain conditions originating in the perinatal period | 10.9 | 44.5 | 37.4 | 55.6 | 19.7 | 47.2 |
| Congenital malformations | 6.8 | 27.8 | 16.3 | 24.2 | 13.3 | 31.9 |
| Diseases of the respiratory system | 0.7 | 2.9 | 1.1 | 1.6 | 0.6 | 1.4 |
| Infectious and parasitic diseases | - | - | 0.5 | 0.8 | 0.9 | 2.1 |
| Injury, poisoning and other consequences of the external causes | 4.1 | 16.7 | 2.2 | 3.2 | 2.9 | 6.9 |
| Diseases of the nervous system and sensory organs | 0.7 | 2.9 | 1.1 | 1.6 | 0.3 | 0.7 |
| Diseases of the digestive system | - | - | 0.5 | 0.8 | 0.3 | 0.7 |
| Other causes | 1.4 | 5.7 | 8.1 | 12.1 | 3.7 | 9.1 |
| TOTAL | 24.5 | 100 | 67.2 | 100 | 41.7 | 100 |

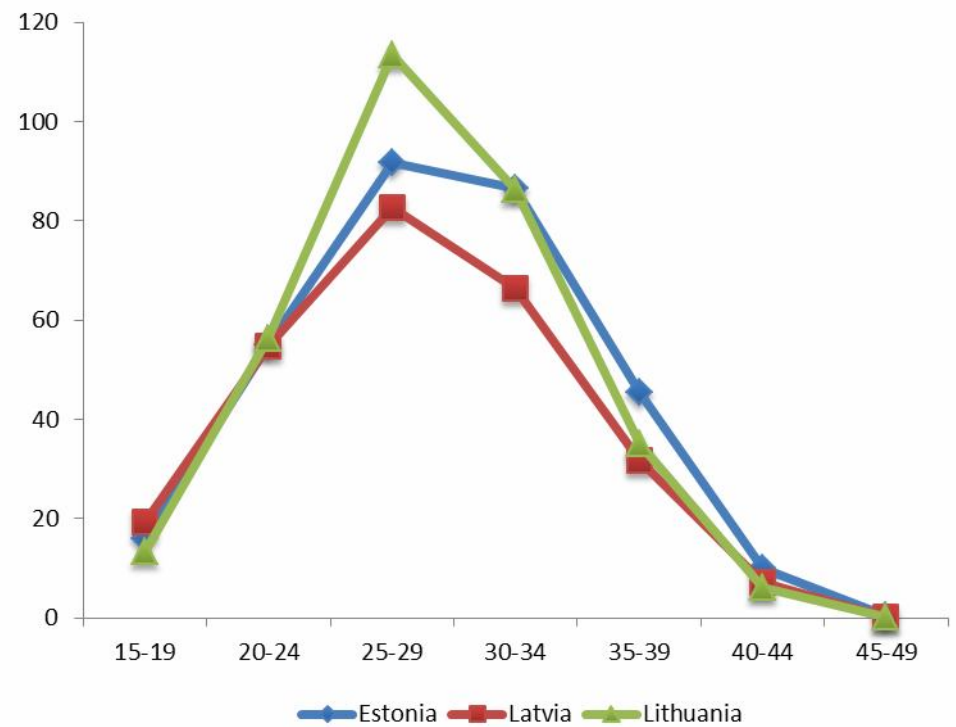
Perinatal, neonatal and maternal mortality in 2011

| | Estonia | Latvia | Lithuania |
|---|---------|--------|-----------|
| Perinatal mortality per 1000 births | 4.9 | 9.3 | 6.1 |
| Stillbirth rate per 1000 births | 3.9 | 6.0 | 4.3 |
| Neonatal mortality per 1000 live births | 1.6 | 4.3 | 2.6 |
| Early neonatal mortality per 1000 live births | 1.0 | 3.3 | 1.9 |
| Maternal mortality per 100,000 live births | 13.6 | 5.4 | 5.8 |
| Standard perinatal mortality* | 3.1 | 7.1 | 4.2 |
| Standard stillbirth rate* | 2.6 | 4.7 | 3.3 |

* Birth weight 1000 grams and more

Birth rates by age of mother in 2011
per 1000 females

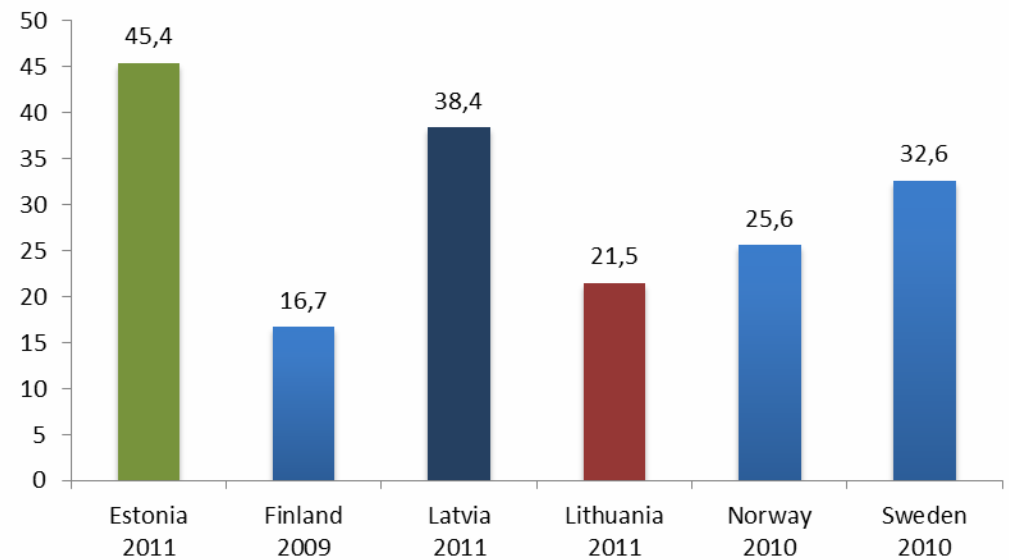
| | Estonia | Latvia | Lithuania |
|--------------------------------|-------------|-------------|-------------|
| Women aged 15-49 | 45.4 | 37.4 | 43.1 |
| By specific age groups: | | | |
| 15-19 | 16.0 | 19.3 | 13.4 |
| 20-24 | 54.9 | 54.6 | 56.3 |
| 25-29 | 91.8 | 82.7 | 113.4 |
| 30-34 | 86.5 | 66.3 | 86.2 |
| 35-39 | 45.3 | 31.7 | 35.2 |
| 40-44 | 10.0 | 7.1 | 6.1 |
| 45-49 | 0.3 | 0.2 | 0.2 |
| Total fertility rate | 1.52 | 1.34 | 1.55 |



Abortions in 2011

| | Estonia | Latvia | Lithuania |
|---------------------------|---------|--------|-----------|
| Total abortions | | | |
| Total number | 8654 | 10320 | 10466 |
| Per 1000 women aged 15-49 | 26.8 | 21.1 | 13.1 |
| Per 100 live births | 59.0 | 55.9 | 36.2 |
| Induced abortions | | | |
| Total number | 6668 | 7089 | 6205 |
| Per 1000 women aged 15-49 | 20.6 | 14.5 | 7.8 |
| Per 100 live births | 45.4 | 38.4 | 21.5 |
| Percentage | | | |
| Spontaneous abortions | 6.5 | 12.0 | 26.5 |
| Legal abortions | 74.4 | 67.4 | 57.7 |
| Medical abortions | 2.7 | 1.3 | 1.6 |
| Other abortions | 16.5 | 19.3 | 14.2 |

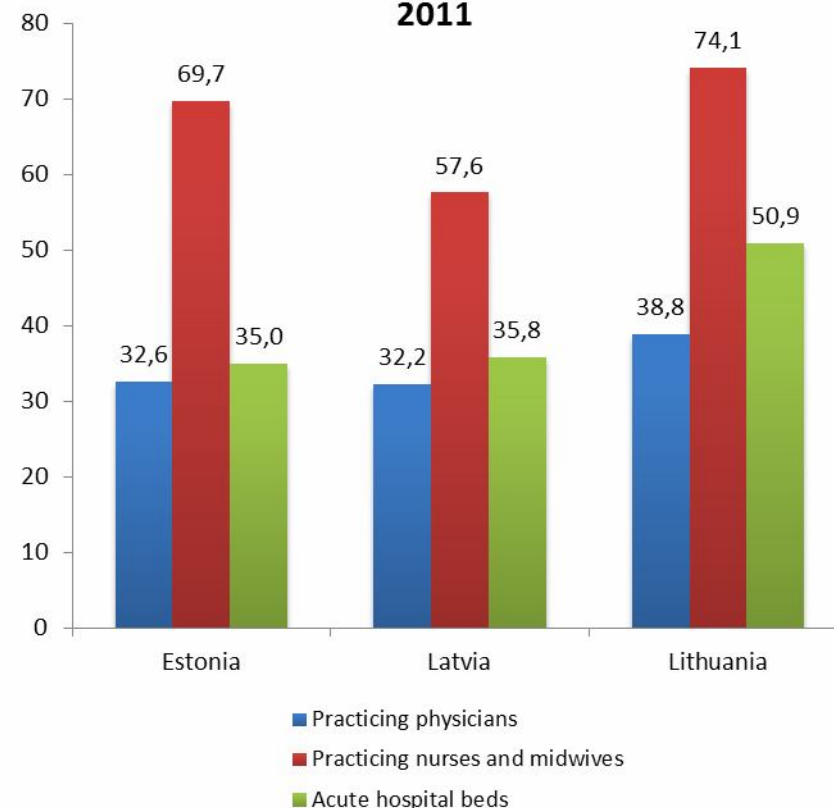
Induced abortions per 100 live births



Health facilities in 2011

| | Estonia | Latvia | Lithuania |
|---|-------------------|-------------------|-----------|
| Hospitals | 58 | 70 | 155 |
| excl. nursing hospitals | 35 | 64 | 105 |
| Acute ¹ hospitals | 32 | 31 | 73 |
| Hospital beds thousand | 7.2 | 12.1 | 27.2 |
| per 10000 population | 53.5 | 58.8 | 84.9 |
| Hospital beds (excl. nursing) thousand | 5.6 | 11.6 | 22.5 |
| per 10000 population | 41.9 | 56.3 | 70.5 |
| Acute¹ hospital beds thousand | 4.7 | 7.4 | 16.3 |
| per 10000 population | 35.0 | 35.8 | 50.9 |
| Practicing physicians thousand | 4.4 | 6.6 | 12.4 |
| per 10000 population | 32.6 | 32.2 | 38.8 |
| Practicing dentists thousand | 1.2 | 1.5 | 2.5 |
| per 10000 population | 8.8 | 7.1 | 7.8 |
| Practicing nurses and midwives thousand | 9.3 ² | 11.8 ³ | 23.7 |
| per 10000 population | 69.7 ² | 57.6 ³ | 74.1 |
| Hospital admissions thousand | 242.0 | 391.8 | 764.2 |
| per 100 population | 18.1 | 19.0 | 23.7 |
| Hospital admissions (excl. nursing) thousand | 225.9 | 377.8 | 732.3 |
| per 100 population | 16.9 | 18.4 | 22.7 |
| Acute¹ hospital admissions thousand | 212.1 | 318.2 | 667.9 |
| per 100 population | 15.8 | 15.5 | 20.7 |
| Number of hospital day cases thousands | 58.2 | 143.4 | 71 |
| per 100 population | 4.3 | 7.0 | 2.2 |
| Physicians' outpatient visits⁴ millions | 8.4 | 13.0 | 23.1 |
| per 1 inhabitant | 6.2 | 6.3 | 7.2 |

Physicians, nursing professionals and acute hospital beds per 10.000 population in 2011



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 associate professional nurses (with medical specialty)

³ Including physician's assistants (feldshers)

⁴ Dentist visits are excluded

Practising physicians* by speciality at the end of 2011

| | Estonia | | Latvia ¹ | | Lithuania | |
|--|-------------|-----------------------|---------------------|-----------------------|--------------|-----------------------|
| | Number | Per 10,000 population | Number | Per 10,000 population | Number | Per 10,000 population |
| TOTAL | 4372 | 32.6 | 6568 | 32.2 | 12407 | 38.8 |
| of them: | | | | | | |
| Family doctors / general practitioners | 869 | 6.5 | 1311 | 6.4 | 1854 | 5.8 |
| Internal medicine | 527 | 3.9 | 671 | 3.3 | 2142 | 6.7 |
| Surgery | 419 | 3.1 | 608 | 3 | 1181 | 3.7 |
| Paediatrics | 163 | 1.2 | 307 | 1.5 | 1040 | 3.3 |
| Gynaecology (including obstetrics) | 268 | 2.0 | 410 | 2 | 657 | 2.1 |
| Oncology | 37 | 0.3 | 61 | 0.3 | 101 | 0.3 |
| Otolaryngology | 99 | 0.7 | 145 | 0.7 | 272 | 0.9 |
| Ophthalmology | 123 | 0.9 | 206 | 1 | 344 | 1.1 |
| Anaesthesiology | 271 | 2.0 | 341 | 1.7 | 681 | 2.1 |
| Neurology | 120 | 0.9 | 227 | 1.1 | 435 | 1.4 |
| Psychiatry | 183 | 1.4 | 246 | 1.2 | 529 | 1.7 |
| Addiction specialists | - | - | 60 | 0.3 | 20 | 0.1 |
| Tuberculosis | - | - | 107 | 0.5 | 7 | 0.02 |
| Infectology | 38 | 0.3 | 52 | 0.3 | 59 | 0.2 |
| Epidemiology | - | - | 17 | 0.1 | - | - |
| Dermatology & venerology | 76 | 0.6 | 119 | 0.6 | 168 | 0.5 |
| Radiology | 182 | 1.4 | 240 | 1.2 | 461 | 1.4 |
| Pathology | 41 | 0.3 | 37 | 0.2 | 60 | 0.2 |
| Forensic medicine | - | - | 2 | 0.01 | 50 | 0.2 |
| Laboratory | 145 | 1.1 | 158 | 0.8 | 89 | 0.3 |
| Hygiene | - | - | 2 | 0.01 | - | - |
| Others | 802 | 6.0 | 1241 | 6.1 | 2257 | 7.1 |

* 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.

¹ - Besides that there are practising physicians in the state administration institutions: 1 epidemiologist, 47 specialists of forensic medicine and 19 specialists of hygiene.

Hospital beds by speciality at the end of 2011

| | Estonia | | | Latvia ¹ | | | Lithuania | | |
|----------------------------------|----------------|----------------------|------------|---------------------|----------------------|------------|----------------|----------------------|------------|
| | Number of beds | Per 10000 population | % | Number of beds | Per 10000 population | % | Number of beds | Per 10000 population | % |
| TOTAL | 7165 | 53.5 | 100 | 12111 | 58.8 | 100 | 27175 | 84.9 | 100 |
| of which: | | | | | | | | | |
| Internal medicine | 1280 | 9.6 | 17.9 | 1891 | 9.2 | 15.6 | 4913 | 15.4 | 18.1 |
| Rehabilitation | 314 | 2.3 | 4.4 | 705 | 3.4 | 5.8 | 1682 | 5.3 | 6.2 |
| Surgery (including orthopaedics) | 1210 | 9.0 | 16.9 | 2243 | 10.9 | 18.5 | 4489 | 14.0 | 16.5 |
| Oncology (including radiology) | 170 | 1.3 | 2.4 | 553 | 2.7 | 4.6 | 696 | 2.2 | 2.6 |
| Otolaryngology | 24 | 0.2 | 0.3 | 104 | 0.5 | 0.9 | 286 | 0.9 | 1.1 |
| Ophthalmology | 62 | 0.5 | 0.9 | 83 | 0.4 | 0.7 | 295 | 0.9 | 1.1 |
| Obstetrics | 279 | 2.1 | 3.9 | 445 | 2.2 | 3.7 | 803 | 2.5 | 3.0 |
| Gynaecology | 175 | 1.3 | 2.4 | 292 | 1.4 | 2.4 | 636 | 2.0 | 2.3 |
| Neurology | 163 | 1.2 | 2.3 | 610 | 3.0 | 5.0 | 1474 | 4.6 | 5.4 |
| Dermatology & venerology | 25 | 0.2 | 0.3 | 12 | 0.1 | 0.1 | 114 | 0.4 | 0.4 |
| Infectious | 180 | 1.3 | 2.5 | 560 | 2.7 | 4.6 | 461 | 1.4 | 1.7 |
| Tuberculosis | 187 | 1.4 | 2.6 | 640 | 3.1 | 5.3 | 1210 | 3.8 | 4.5 |
| Paediatrics | 266 | 2.0 | 3.7 | 576 | 2.8 | 4.8 | 1410 | 4.4 | 5.2 |
| Psychiatry | 735 | 5.5 | 10.3 | 2396 | 11.6 | 19.8 | 3094 | 9.7 | 11.4 |
| Addiction treatment | - | - | - | 261 | 1.3 | 2.2 | 274 | 0.9 | 1.0 |
| General & nursing | 1558 | 11.6 | 21.7 | 740 | 3.6 | 6.1 | 4626 | 14.5 | 17.0 |

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

Selected notifiable diseases per 100,000 population in 2011

| | ICD-10 | Estonia | Latvia | Lithuania |
|--|------------------------|----------------------|--------------------|-----------|
| Salmonella infections | A02 | 28.7 | 52.9 | 64.3 |
| Bacillary dysentery | A03 | 1.6 | 0.5 | 1.2 |
| Enteritis Rotaviralis | A08.0 | 170.7 | 182.6 | 146.4 |
| Other intestinal infections | A04, A05, A08.1-5, A09 | 119.1 ¹ | 338.9 ² | 486.9 |
| Diphtheria | A36 | - | 0.3 | 0.03 |
| Whooping cough | A37 | 35.7 | 0.5 | 0.9 |
| Meningococcal infection | A39 | 0.6 | 0.6 | 2.5 |
| Measles | B05 | 0.5 | 0.05 | 0.2 |
| Tick-borne viral encephalitis | A84 | 18.7 | 20.8 | 11.3 |
| Viral hepatitis, total | B15-B19 | 30.4 | 75.8 | 7.1 |
| A | B15 | 11.5 | 2.5 | 0.5 |
| B | B16.2, B16.9 | 1.2 | 3.1 ³ | 1.9 |
| C | B17.1 | 1.3 | 3.3 | 1.3 |
| Acute upper respiratory infections | J00-J06 | 13348.2 ⁴ | ... | 19970.7 |
| Influenza | J09-J11 | 409.6 | ... | 1290.9 |
| Syphilis | A50-A53 | 5.0 | 6.9 | 8.5 |
| Gonorrhoea | A54 | 13.1 | 26.7 | 7.7 |
| AIDS | B20-B24 | 2.9 | 4.8 | 0.6 |
| HIV carrier | Z21 | 27.6 | 14.5 ⁵ | 5.2 |
| Incidence of tuberculosis (excl. relapses) | A15-A19 | 19.8 | 38.3 | 47.6 |
| Incidence of malignant neoplasms | C00-C97 | 531.2 ⁶ | 557.9 | 554.3 |

¹ A04.0-6, 8-9; A05; A08.1-5

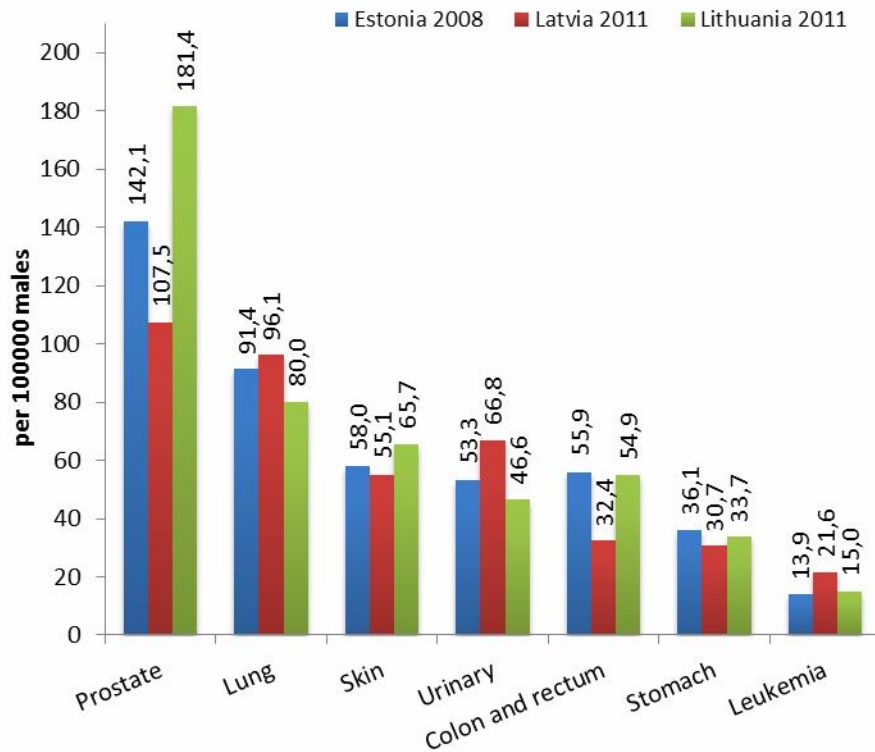
² A04; A05; A07.9; A08.1-4; A09

³ B16 ⁴ J06 ⁵ Z21; R75

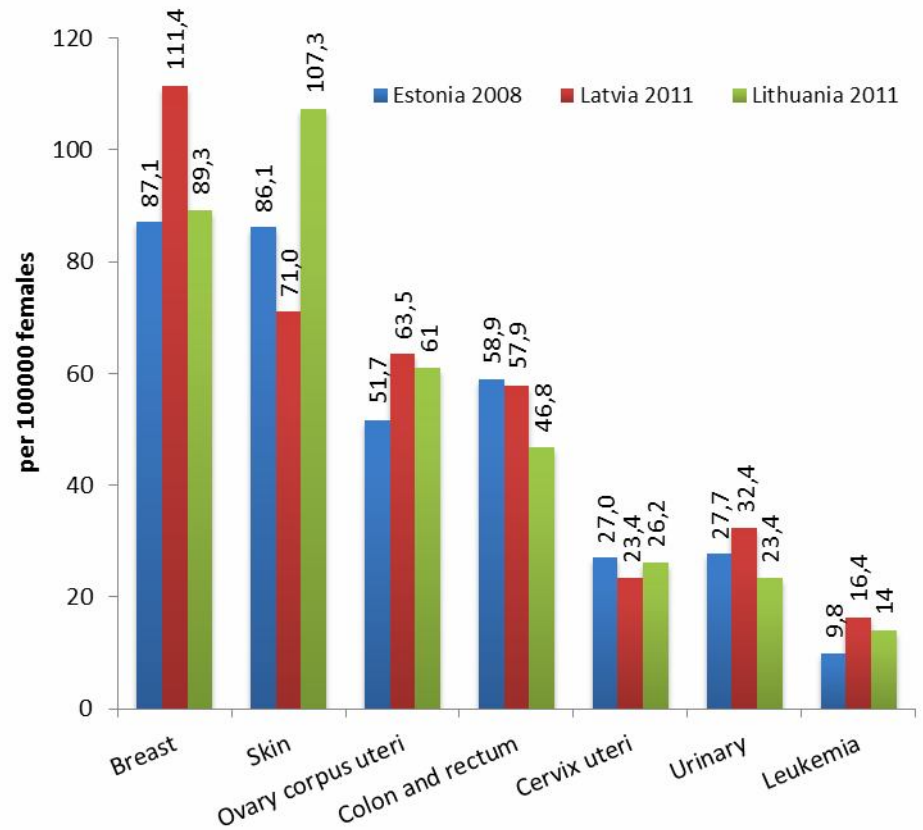
⁶ data for 2008

Incidence of malignant neoplasms by main sites

Males



Females



Sources:

EE: Estonian Cancer Registry

LV: The Centre for Disease Prevention and Control of Latvia

LT: Institute of Oncology of Vilnius University, Cancer register

Hospital beds use by speciality in 2011

| | 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 | 180.6 | 272.0 | 74.5 | 7.8 | 35.0 | 190.4 | 273.1 | 74.8 | 8.4 | 32.4 | 255.9 | 282.7 | 77.5 | 9.3 | 30.4 |
| Internal medicine | 38.5 | 290.4 | 79.6 | 6.5 | 43.5 | 38.2 | 264.2 | 72.4 | 6.1 | 43.2 | 55.3 | 295.3 | 80.9 | 7.6 | 38.8 |
| Rehabilitation | 4.9 | 287.7 | 78.0 | 11.5 | 24.1 | 8.1 | 305.8 | 83.8 | 13.0 | 23.6 | 6.0 | 261.9 | 71.8 | 20.8 | 12.6 |
| Surgery (including orthopaedics) | 45.6 | 267.6 | 73.3 | 5.0 | 53.1 | 45.3 | 266.8 | 73.1 | 6.8 | 49.2 | 65.9 | 249.4 | 68.3 | 5.2 | 47.8 |
| Oncology (include radiology) | 3.7 | 274.3 | 75.1 | 7.2 | 38.5 | 7.2 | 231.8 | 63.5 | 8.6 | 27.0 | 7.4 | 288.6 | 79.1 | 8.4 | 34.3 |
| Otolaryngology | 7.0 | 250.0 | 68.5 | 1.6 | 158.0 | 2.8 | 227.2 | 62.2 | 4.0 | 57.1 | 6.0 | 238.8 | 65.4 | 3.5 | 67.8 |
| Ophthalmology | 1.3 | 134.5 | 36.8 | 1.8 | 73.2 | 2.9 | 198.7 | 54.4 | 2.7 | 73.1 | 8.4 | 219.2 | 60.1 | 2.3 | 93.8 |
| Obstetrics | 14.2 | 194.8 | 53.4 | 2.7 | 64.0 | 10.8 | 222.2 | 60.9 | 4.5 | 56.4 | 12.4 | 213.4 | 58.5 | 4.3 | 49.7 |
| Gynaecology | 9.5 | 192.1 | 52.6 | 2.6 | 74.2 | 8.8 | 218.8 | 59.9 | 3.5 | 62.4 | 12.7 | 206.6 | 56.6 | 3.1 | 65.8 |
| Neurology | 6.1 | 287.1 | 78.7 | 5.6 | 50.0 | 11.2 | 285.2 | 78.1 | 5.8 | 38.7 | 17.0 | 307.3 | 84.2 | 8.2 | 37.3 |
| Dermatology & venerology | 6.3 | 266.4 | 73.0 | 9.4 | 28.5 | 0.1 | 87.7 | 24.0 | 3.7 | 23.7 | 1.0 | 287.7 | 78.8 | 10.1 | 28.5 |
| Infectious | 0.9 | 243.1 | 66.6 | 5.0 | 49.1 | 14.5 | 258.1 | 70.7 | 4.8 | 53.9 | 8.2 | 273 | 74.8 | 4.5 | 60.6 |
| Tuberculosis | 0.6 | 287.3 | 78.7 | 66.8 | 4.1 | 3.2 | 261.2 | 71.6 | 25.0 | 10.5 | 1.6 | 317.3 | 86.9 | 76.7 | 4.1 |
| Paediatrics | 11.3 | 239.4 | 65.6 | 3.8 | 60.9 | 12.6 | 252.1 | 69.1 | 5.6 | 45.1 | 21.5 | 251.3 | 68.8 | 5.0 | 50.6 |
| Psychiatry | 9.8 | 319.2 | 87.5 | 17.2 | 18.5 | 8.6 | 328.1 | 90.0 | 44.7 | 7.3 | 9.8 | 293.4 | 80.4 | 27.2 | 10.8 |
| Addiction treatment | - | - | - | - | - | 7.1 | 251.7 | 68.9 | 4.5 | 56.0 | 1.8 | 267.1 | 73.2 | 12.7 | 21.1 |
| General & nursing | 12.0 | 290.2 | 79.5 | 26.5 | 10.9 | 8.8 | 241.1 | 66.1 | 9.4 | 25.7 | 8.9 | 330.3 | 90.5 | 48.1 | 6.9 |

¹ Excluding short-term social care beds

² Including hospital day cases (about 7% of admissions)

Discharges¹ by groups of diseases in 2011

| | 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 | 25.3 | 2.9 | 4.5 | 16.1 | 25.0 | 4.9 | 5.8 | 16.5 | 29.5 | 4.1 | 5.0 | 21.3 |
| Neoplasms | 2.8 | 3.9 | 21.0 | 8.2 | 3.6 | 7.3 | 17.8 | 8.5 | 3.1 | 8.5 | 23.7 | 9.9 |
| Diseases of the blood and blood forming organs and certain disorders involving the immune mechanisms | 0.9 | 3.8 | 1.4 | 7.2 | 1.0 | 5.8 | 1.0 | 6.7 | 0.9 | 5.5 | 1.5 | 7.0 |
| Endocrine, nutritional and metabolic diseases | 1.7 | 5.8 | 3.8 | 7.4 | 3.0 | 10.9 | 2.8 | 7.0 | 3.2 | 7.6 | 4.1 | 8.7 |
| Mental and behavioural disorders | 5.5 | 10.2 | 12.2 | 16.9 | 9.2 | 28.6 | 18.0 | 23.5 | 7.2 | 13.6 | 12.3 | 23.7 |
| Diseases of the nervous system | 5.4 | 6.3 | 5.3 | 9.5 | 9.6 ⁴ | 7.3 ⁴ | 11.0 ⁴ | 5.8 ⁴ | 8.8 | 9.9 | 13.0 | 10.3 |
| Diseases of the eye and adnexa | 0.7 | 1.1 | 1.3 | 2.1 | | | | | 3.2 | 6.2 | 6.3 | 2.9 |
| Diseases of the ear and mastoid process | 4.9 | 3.4 | 1.0 | 4.0 | | | | | 2.4 | 5.5 | 1.8 | 7.0 |
| Diseases of the circulatory system | 1.2 | 3.4 | 38.2 | 10.7 | 2.5 | 7.2 | 35.4 | 7.1 | 2.6 | 4.7 | 65.1 | 12.5 |
| Diseases of the respiratory system | 43.7 | 3.3 | 11.5 | 6.0 | 70.1 | 5.6 | 10.8 | 7.4 | 75.0 | 6.3 | 14.5 | 8.9 |
| Diseases of the digestive system | 8.4 | 2.6 | 15.9 | 5.0 | 20.2 | 3.6 | 14.9 | 5.7 | 16.5 | 4.0 | 18.8 | 6.5 |
| Diseases of the skin and subcutaneous tissue | 2.6 | 3.4 | 3.1 | 8.4 | 5.5 | 4.5 | 2.5 | 7.9 | 6.0 | 4.9 | 3.3 | 9.5 |
| Diseases of the musculo-skeletal and connective tissue | 2.3 | 3.8 | 12.7 | 6.5 | 5.1 | 9.5 | 14.1 | 8.9 | 6.7 | 11.6 | 17.1 | 9.4 |
| Diseases of the genitourinary system | 4.6 | 3.7 | 10.5 | 4.4 | 7.2 | 5.6 | 10.8 | 4.6 | 6.1 | 5.1 | 14.6 | 5.3 |
| Pregnancy, childbirth and puerperium ⁵ | 0.1 | 3.2 | 36.1 | 2.7 | 3.0 | 4.1 | 32.8 | 4.2 | 2.4 | 4.3 | 32.0 | 4.1 |
| Certain conditions originating in perinatal period | 16.5 | 6.9 | - | - | 11.9 | 7.6 | - | - | 19.2 | 6.0 | - | - |
| Congenital malformations, deformations and chromosomal abnormalities | 7.5 | 5.1 | 0.5 | 5.7 | 6.1 | 7.5 | 0.3 | 6.2 | 7.1 | 6.9 | 0.4 | 6.9 |
| Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | 4.6 | 2.2 | 1.3 | 3.8 | 1.2 | 12.6 | 0.2 | 4.7 | 9.0 | 14.2 | 1.7 | 4.0 |
| Injury, poisoning and certain other consequences of external causes | 10.7 | 2.7 | 12.3 | 8.5 | 17.9 | 3.6 | 16.5 | 7.1 | 16.6 | 4.8 | 18.2 | 10.0 |
| Factors influencing health and contact with health services | 4.1 | 3.9 | 1.4 | 5.7 | - | - | - | - | 9.2 | 3.6 | 4.4 | 13.3 |
| TOTAL | 153.5 | 4.0 | 177.7 | 8.1 | 200.5 | 6.7 | 179.9 | 8.7 | 233.8 | 6.4 | 243.2 | 10.3 |

¹ Excluding hospital day cases

² Deceased are included, healthy newborns are excluded

³ Excluding short-term social care beds, patients transferred to another hospital or died patients

⁴ Diseases of the nervous system and sense organs ⁵ Per 1000 female population

Surgical operations¹ in the hospitals in 2011

| | Estonia | | | Latvia | | | Lithuania | | |
|---|--------------|------------------------|------------|---------------|------------------------|------------|---------------|------------------------|------------|
| | Number | Per 100,000 population | % | Number | Per 100,000 population | % | Number | Per 100,000 population | % |
| TOTAL | 79294 | 5917.8 | 100 | 119184 | 5790.7 | 100 | 262270 | 8139.5 | 100 |
| On the nervous system | 2551 | 190.4 | 3.2 | 3222 | 156.5 | 2.7 | 7952 | 246.8 | 3.0 |
| On the endocrine system | 638 | 47.6 | 0.8 | 624 | 30.3 | 0.5 | 2168 | 67.3 | 0.8 |
| On the eye | 1751 | 130.7 | 2.2 | 3942 | 191.5 | 3.3 | 17537 | 544.3 | 6.7 |
| On the ear, nose, throat, mouth, pharynx, facial bones and joints | 9866 | 736.3 | 12.4 | 5737 | 278.7 | 4.8 | 18339 | 569.1 | 7.0 |
| On the respiratory system | 1233 | 92.0 | 1.6 | 1934 | 94.0 | 1.6 | 8960 | 278.1 | 3.4 |
| On the heart and central vessels | 5308 | 396.1 | 6.7 | 8897 | 432.3 | 7.5 | 28692 | 890.5 | 10.9 |
| On the peripheral vessels and lymphatic system | 3097 | 231.1 | 3.9 | 3390 | 164.7 | 2.8 | | | |
| On the digestive system and spleen | 12657 | 944.6 | 16.0 | 13555 | 658.6 | 11.4 | 45658 | 1417.0 | 17.4 |
| On the urinary organs | 2653 | 198.0 | 3.3 | 4874 | 236.8 | 4.1 | 10556 | 327.6 | 4.0 |
| On the prostate ² | 1078 | 174.5 | 1.4 | | | | 6173 | 412.5 | 2.4 |
| On female genital organs ³ | 7987 | 1106.1 | 10.1 | 14447 | 1292.6 | 12.1 | 25720 | 1490.4 | 9.8 |
| Obstetrical operations ³ | 10937 | 1514.6 | 13.8 | 15453 | 1382.6 | 13.0 | 21651 | 1590.9 | 8.3 |
| On the musculoskeletal system | 13828 | 1032.0 | 17.4 | 25650 | 1246.2 | 21.5 | 51263 | 1590.9 | 19.5 |
| On the breast | 1008 | 75.2 | 1.3 | 2024 | 98.3 | 1.7 | 3223 | 100.0 | 1.2 |
| On the skin and subcutaneous tissue | 3747 | 279.6 | 4.7 | 11332 | 550.6 | 9.5 | 14378 | 446.2 | 5.5 |
| Other procedures | 955 | 71.3 | 1.2 | 4103 | 199.4 | 3.4 | - | - | - |

¹ Hospital day cases are excluded

² Per 100,000 male population ³ Per 100,000 female population

Sales of medicinal products by ATC group in 2011
DDD/1 000 inhabitants/day

| ATC group | | Estonia | Latvia | Lithuania |
|--------------|---|--------------|--------------|--------------|
| A | Alimentary tract and metabolism | 121.1 | 103.7 | 66.2 |
| B | Blood and blood forming organs | 74.6 | 70.2 | 38.1 |
| C | Cardiovascular system | 355.6 | 218.1 | 225.5 |
| D | Dermatologicals | 1.5 | 0.3 | 0.3 |
| G | Genitourinary system and sex hormones | 52.0 | 9.2 | 7.5 |
| H | Systemic hormonal preparations, excl. sex hormones and insulins | 19.4 | 17.8 | 21.9 |
| J | Antiinfectives for systemic use | 17.9 | 15.0 | 17.3 |
| L | Antineoplastic and immunomodulating agents | 7.7 | 4.1 | 4.9 |
| M | Musculo-skeletal system | 63.1 | 59.3 | 48.3 |
| N | Nervous system | 90.6 | 64.6 | 76.8 |
| P | Antiparasitic products, insecticides and repellents | 0.8 | 0.7 | 0.5 |
| R | Respiratory system | 63.4 | 45.3 | 40.2 |
| S | Sensory organs | 16.8 | 0.7 | 11.2 |
| V | Various | 0.1 | 0.05 | 0.03 |
| Total | | 884.6 | 609.0 | 558.7 |

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 2011
(Average salary, including additional payments, EUR)

| | Estonia | Latvia | Lithuania |
|------------|---------|--------|-----------|
| Physicians | 1704 | 992 | 1131 |
| Nurses | 867 | 573 | 576 |

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 2011
(Data calculated using OECD methodology of System of Health Accounts)

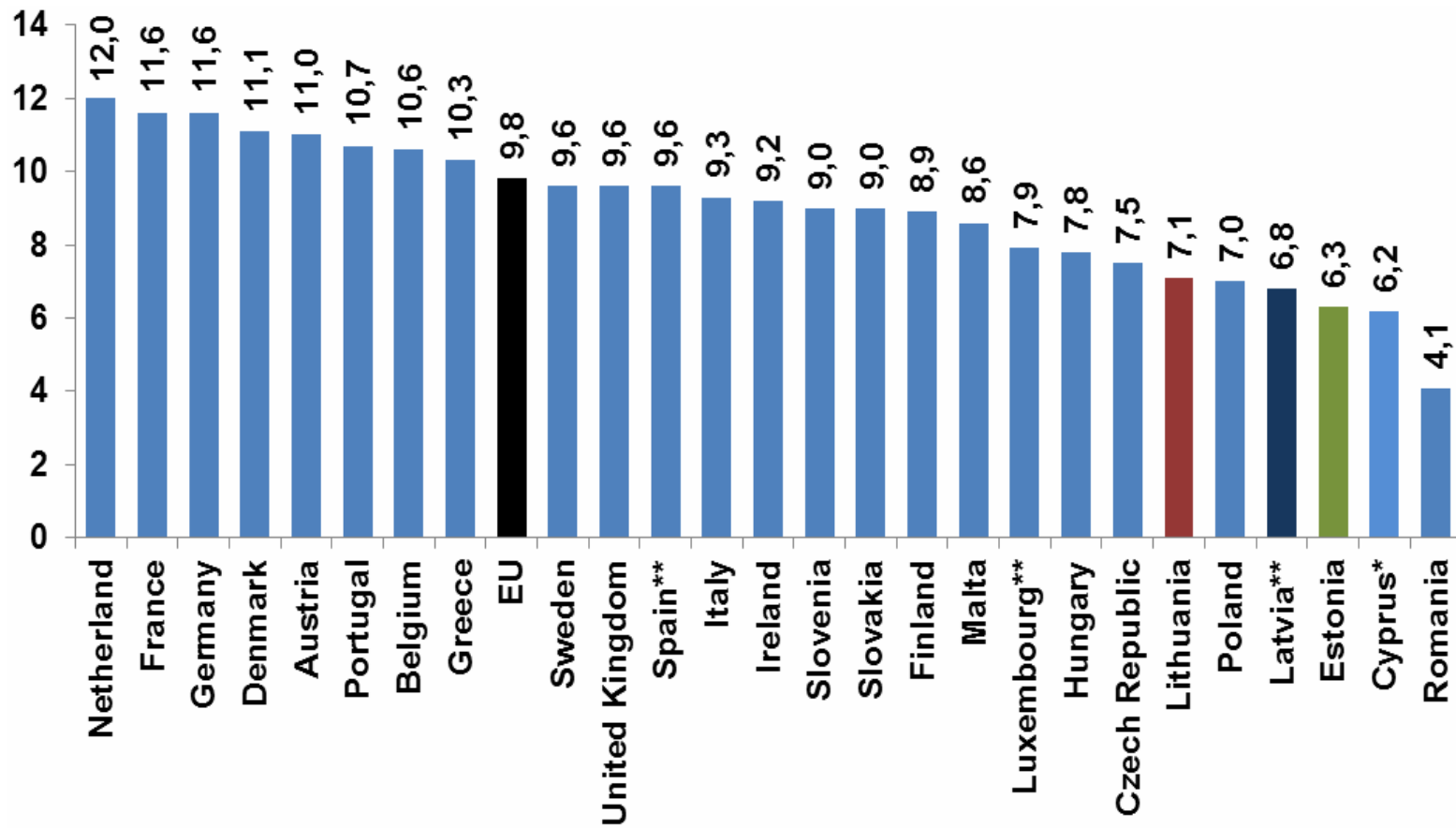
| | Estonia ¹ | Latvia ² | Lithuania ³ |
|---|----------------------|---------------------|------------------------|
| Total health care expenditure (in national currency): | 944.6 | 894.0 | 7326.9 |
| public | 749.3 | 532.0 | 5066.5 |
| of which social security funds | 647.7 | ... | 4313.1 |
| private | 181.7 | 331.2 | 2026.2 |
| of which private households out-of-pocket expenditure | 165.9 | 322.4 | 1980.5 |
| Current expenditure on health care (in national currency) | 932.8 | 814.2 | 7013.6 |
| Expenditure on gross capital formation in health care (in national currency) | 11.9 | 79.8 | 313.2 |
| Gross domestic product (in national currency) | 15951.4 | 13070.4 | 106369.9 |
| Gross domestic product (in Euro) | 15951.4 | 18597.7 | 30806.9 |
| Total health care expenditure (in Euro) | 944.6 | 1272.0 | 2122.0 |
| Total health care expenditure per capita (in Euro) | 704.9 | 594.0 | 658.6 |
| Total expenditure on health care as percentage of GDP (%) | 5.9 | 6.8 | 6.9 |
| Public expenditure on health care as percentage of GDP (%) | 4.7 | 4.1 | 4.8 |
| Private expenditure on health care as percentage of GDP (%) | 1.1 | 2.5 | 1.9 |
| Public expenditure on health care as percentage of total expenditure | 79.3 | 59.5 | 69.2 |
| Expenditure on gross capital formation as percentage of total expenditure | 1.3 | 8.9 | 4.3 |
| The structure of current expenditure on health care by health care functions (%): | | | |
| curative care | 53.3 | 52.0 | 49.6 |
| rehabilitative care | 2.1 | 1.5 | 4.2 |
| long-term care | 4.4 | 4.0 | 8.0 |
| ancillary services to health care | 11.1 | 7.5 | 5.9 |
| medical goods dispensed to out-patients | 24.1 | 28.6 | 29.0 |
| prevention and public health services | 2.8 | 3.1 | 1.1 |
| health administration and health insurance | 2.3 | 3.3 | 2.1 |

¹ all data in EUR

² 2009 data

³ preliminary data

Total health care expenditure as % of GDP in EU member states in 2010



* 2008 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. | | standard rate is 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. | 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. |
| Infant death - | A live-born infant who dies during the first year of life. | 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. |
| 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. | 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. |
| Perinatal death - | Foetal deaths and live-born infants who die at the age of 0 to 6 full days of life. The | | |

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