



**Ministry of Social Affairs of Estonia,  
Department of Health Information and  
Analysis**

**Health Statistics and Medical Technologies  
State Agency of Latvia,  
Health Statistics Department**

**Lithuanian Health Information Centre**

***Health in the Baltic Countries  
2004***

***13-th edition***

**2005**

UDK 61 (474.2 + 474.3 + 474.5) (083)

He - 04

ISBN 9984-695-07-7

**Preface**

In the 13<sup>th</sup> edition “Health in the Baltic Countries 2004” there are presented the latest data of health statistics in the Baltic Countries – Republic of Estonia, Republic of Latvia and Republic of Lithuania. The most important figures of population health – demographics, mortality causes, spread of several diseases as well as health care resources and utilization – are included in the publication.

Annual and special reports of medical institutions, computerized health databases and registers are the basic data sources. Some data of vital statistics come from the official publications of the state statistics offices of the Baltic Countries.

This publication is a joint issue of Department of Health Information and Analysis of the Ministry of Social Affairs of Estonia, Health Statistics and Medical Technologies State Agency of Latvia and Lithuanian Health Information Centre. These institutions can provide more comprehensive data if necessary.

**Population at 01.01.2005\***

	<b>Estonia</b>	<b>Latvia</b>	<b>Lithuania</b>
<b>Population (thousand)</b>	1351.1	2306.4	3425.3
<b>Per 1 km<sup>2</sup></b>	31.1	35.7	52.5
<b>Urban (thousand)</b>	935.7	1567.3	2281.4
<b>%</b>	69.3	68.0	66.6
<b>Rural (thousand)</b>	415.4	739.1	1143.9
<b>%</b>	30.7	32.0	33.4
<b>Males (thousand)</b>	622.5	1062.9	1598.1
<b>%</b>	46.1	46.1	46.7
<b>Females (thousand)</b>	728.6	1243.5	1827.2
<b>%</b>	53.9	53.9	53.3
<b>Under working age (%)</b>	17.6	14.8	18.6
<b>Working age (%)</b>	62.5	63.9	61.7
<b>Over working age (%)</b>	19.9	21.3	19.7
<b>Working age</b>			
<b>Males</b>	16-63	15-62	16-62
<b>Females</b>	16-59	15-60	16-59

\* Data for Estonia – 01.01.2004; urban and rural population – by urban and rural settlements starting from 2004

## Health in the Baltic countries

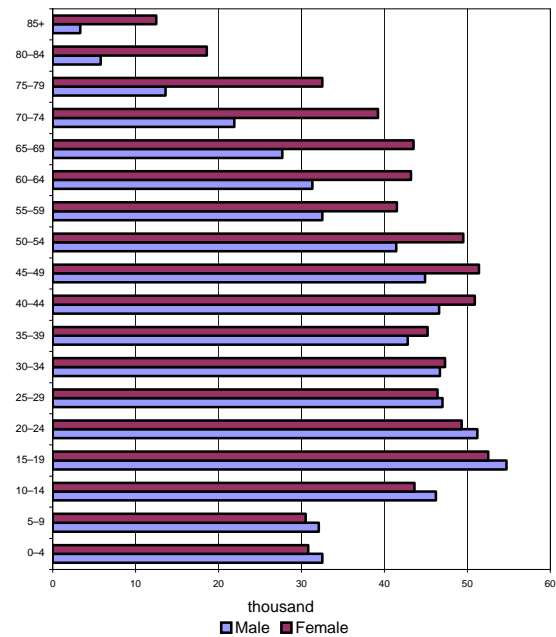
### General data

	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)
State's governing body	Parliament (Riigikogu), 101 members, elected for the period of 4 years	Parliament (Saeima), 100 members, elected for the period of 4 years	Parliament (Seimas), 141 members, elected for the 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 <sup>2</sup> )	45.2	64.6	65.3
Major islands	Saaremaa, 2671 km <sup>2</sup> Hiiumaa, 989 km <sup>2</sup> Muhu, 198 km <sup>2</sup>	-	-
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 <sup>2</sup> (in Estonia 1529 km <sup>2</sup> ) Võrtsjärv, 271 km <sup>2</sup> Narva veehoidla (artificial lake) 191 km <sup>2</sup> (in Estonia 38 km <sup>2</sup> )	Lubāns, 80.7 km <sup>2</sup> Rāzna, 57.6 km <sup>2</sup> Engure, 40.5 km <sup>2</sup>	Drūkšiai, 44.8 km <sup>2</sup> Dysnai, 24.4 km <sup>2</sup> Dusia, 23.3 km <sup>2</sup>
The highest point	Suur Munamägi, 318 m	Gaiziņkalns, 311.6 m	Juozapinė, 293.6 m
Average daily temperature in January 2004	-7.3 °C	-6.0 °C	-7.1 °C
Average daily temperature in July 2004	+16.9 °C	+16.8 °C	+16.5 °C
Average daily temperature in 2004	+5.9 °C	+6.3 °C	+6.8 °C
Administrative units	15 counties, 39 cities, 8 cities without municipal status, 202 rural municipalities	26 counties, 26 districts, 77 cities and towns, 444 rural municipalities	10 counties, 106 cities and towns, 56 rural municipalities
Capital, inhabitants (thousand)	Tallinn 396.4*	Riga 731.8	Vilnius 553.1
Official language	Estonian	Latvian	Lithuanian
National currency	Estonian kroon=100 sents 1 EEK = 0.064 EUR	Latvian lats=100 santims 1 LVL = 1.423 EUR	Lithuanian lits=100 centas 1 LTL = 0.290 EUR

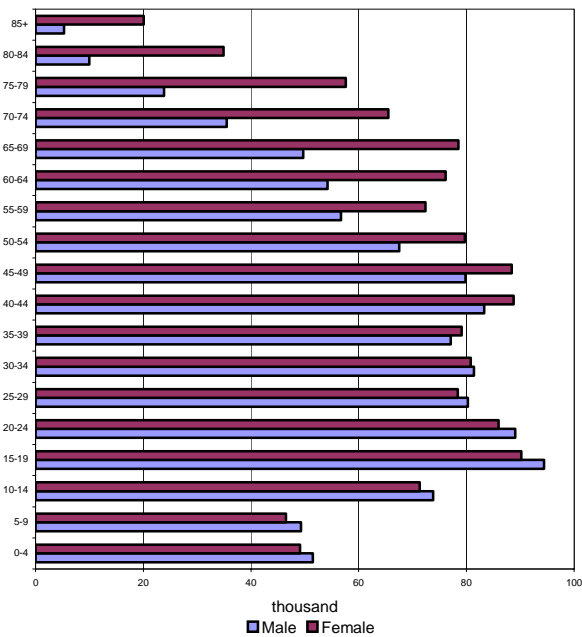
\* Population of Tallinn - beginning of 2004

# Health in the Baltic countries

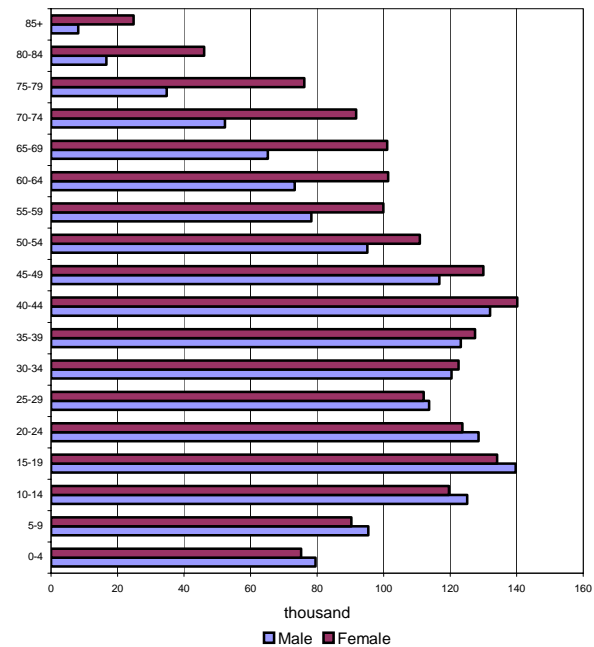
## Population by age at 01.01.2005 (Estonia – 01.01.2004)



**Estonia**

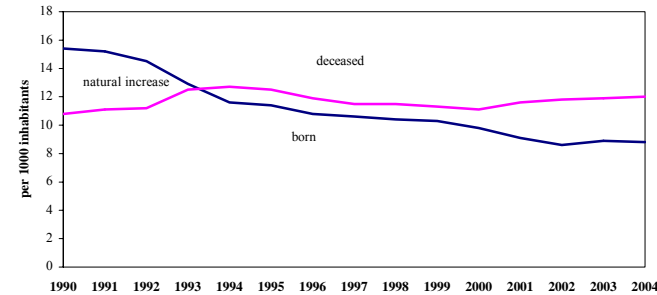
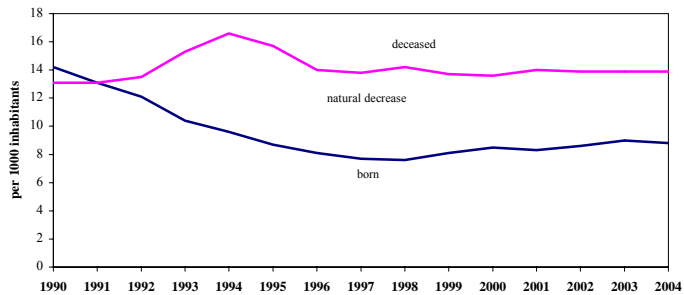
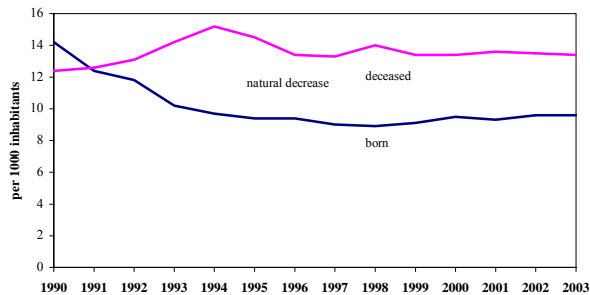


**Latvia**



**Lithuania**

## Trends of demographics indicators



**Health in the Baltic countries**

**Resident population by age and sex at 01.01.2005\***

	Estonia						Latvia						Lithuania					
	Total		Males		Females		Total		Males		Females		Total		Males		Females	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	1351069	100.0	622450	100.0	728619	100.0	2306434	100.0	1062918	100.0	1243516	100.0	3425324	100.0	1598155	100.0	1827169	100.0
0-4	63347	4.7	32505	5.2	30842	4.2	100564	4.4	51468	4.8	49096	3.9	154670	4.5	79499	5.0	75171	4.1
5-9	62580	4.6	32113	5.2	30467	4.2	95796	4.2	49298	4.6	46498	3.7	185751	5.4	95433	6.0	90318	4.9
10-14	89791	6.6	46168	7.4	43623	6.0	145055	6.3	73795	6.9	71260	5.7	244703	7.1	125081	7.8	119622	6.6
15-19	107182	7.9	54681	8.8	52501	7.2	184516	8.0	94359	8.9	90157	7.3	273831	8.0	139704	8.7	134127	7.3
20-24	100566	7.4	51243	8.2	49323	6.8	175086	7.6	89057	8.4	86029	6.9	252319	7.4	128625	8.1	123694	6.8
25-29	93415	6.9	47011	7.6	46404	6.4	158787	6.9	80340	7.6	78447	6.3	225715	6.6	113671	7.1	112044	6.1
30-34	94066	7.0	46746	7.5	47320	6.5	162182	7.0	81390	7.7	80792	6.5	242842	7.1	120365	7.5	122477	6.7
35-39	87975	6.5	42759	6.9	45216	6.2	156184	6.8	77119	7.3	79065	6.4	250693	7.3	123213	7.7	127480	7.0
40-44	97464	7.2	46599	7.5	50865	7.0	172161	7.5	83335	7.8	88826	7.1	272201	8.0	132047	8.3	140154	7.7
45-49	96294	7.1	44901	7.2	51393	7.1	168293	7.3	79846	7.5	88447	7.1	246698	7.2	116669	7.3	130029	7.1
50-54	90883	6.7	41354	6.6	49529	6.8	147196	6.4	67472	6.3	79724	6.4	205996	6.0	95058	6.0	110938	6.1
55-59	74005	5.5	32511	5.2	41494	5.7	129109	5.6	56730	5.3	72379	5.8	178251	5.2	78311	4.9	99940	5.5
60-64	74466	5.5	31266	5.0	43200	5.9	130329	5.7	54232	5.1	76097	6.1	174617	5.1	73329	4.6	101288	5.5
65-69	71206	5.3	27732	4.5	43474	6.0	128281	5.6	49735	4.7	78546	6.3	166324	4.9	65248	4.1	101076	5.5
70-74	61057	4.5	21881	3.5	39176	5.4	101030	4.4	35501	3.3	65529	5.3	144004	4.2	52341	3.3	91663	5.0
75-79	46187	3.4	13642	2.2	32545	4.5	81577	3.5	23934	2.3	57643	4.6	110989	3.2	34766	2.2	76223	4.2
80-84	24429	1.8	5809	0.9	18620	2.6	44899	1.9	9994	0.9	34905	2.8	62704	1.8	16580	1.0	46124	2.5
85+	15779	1.2	3297	0.5	12482	1.7	25389	1.1	5313	0.5	20076	1.6	33016	1.0	8215	0.5	24801	1.4
Unknown	377	0.0	232	0.0	145	0.0	-	-	-	-	-	-	-	-	-	-	-	-

\* Data for Estonia – 01.01.2004.

## Health in the Baltic countries

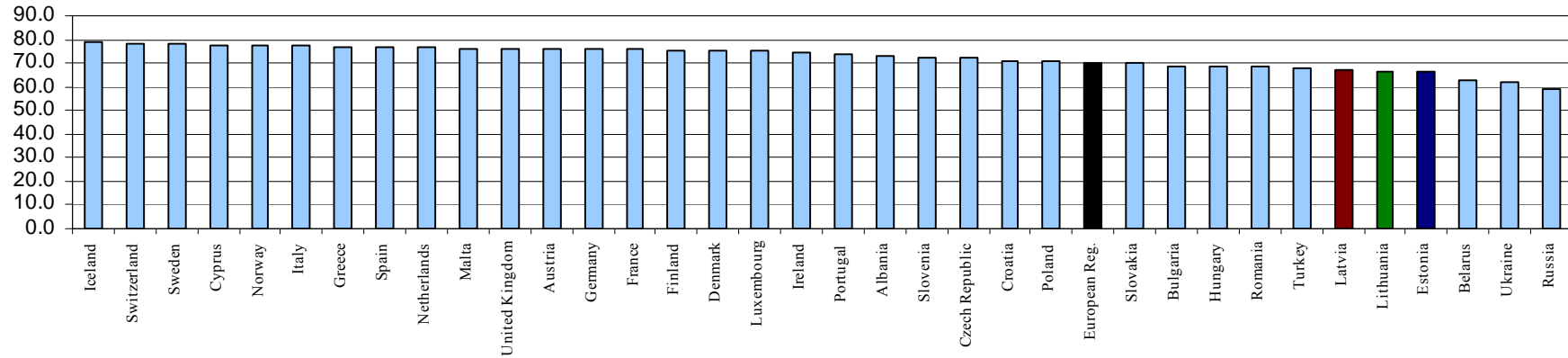
### Nativity, general mortality and natural increase per 1000 population

Years	Estonia			Latvia			Lithuania		
	Nativity	General mortality	Natural increase	Nativity	General mortality	Natural increase	Nativity	General mortality	Natural increase
1913	25.1	18.4	6.7	24.2	16.2	8.0	-	-	-
1920	18.4	16.9	1.5	17.0	19.6	-2.6	-	-	-
1925	18.3	16.5	1.8	22.2	14.9	7.3	28.9	16.9	12.0
1935	15.9	15.0	0.9	17.6	14.2	3.4	-	-	-
1940	16.1	17.0	-0.9	19.3	15.7	3.6	23.0	13.0	10.0
1950	18.4	14.4	4.0	17.6	12.9	4.7	23.6	12.0	11.6
1960	16.6	10.5	6.1	16.7	10.0	6.7	22.5	7.8	14.7
1965	14.8	10.6	4.2	13.8	10.1	3.7	18.1	7.9	10.2
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	-	-	-	8.8	13.9	-5.1	8.8	12.0	-3.2

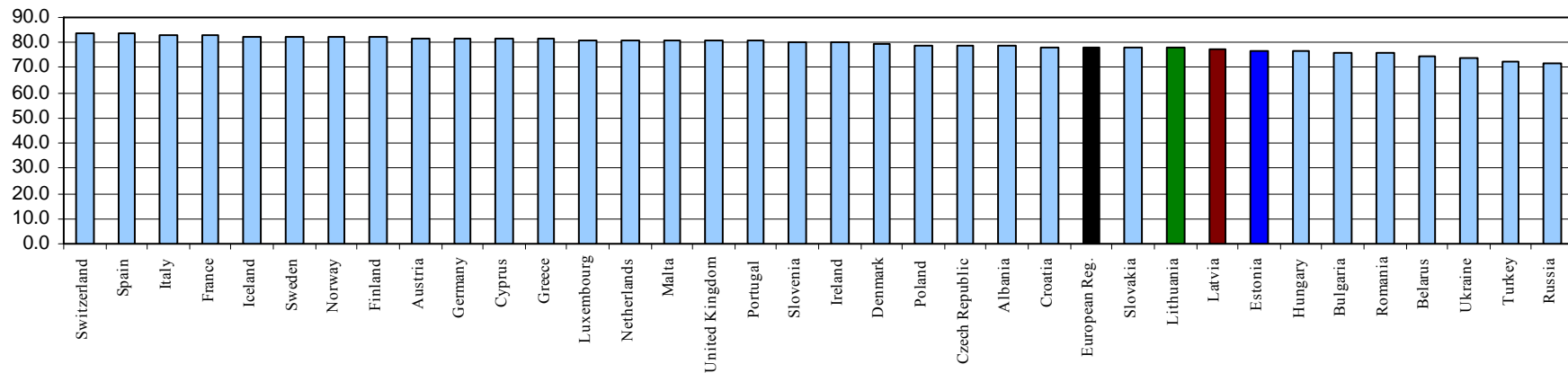
## Health in the Baltic countries

### Life expectancy at birth in European countries\*

#### males



#### females

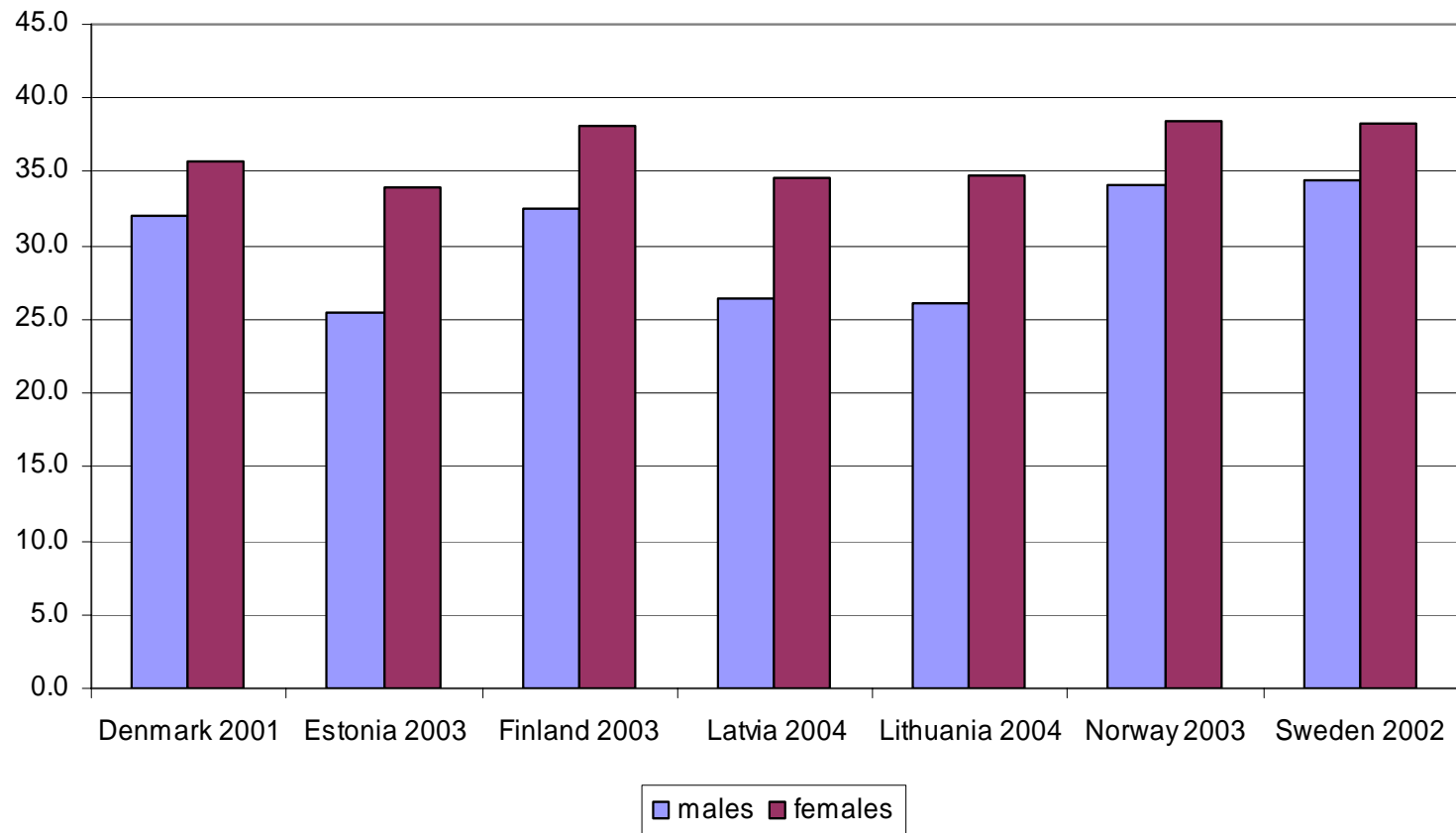


\* Data for Latvia and Lithuania – 2004, Estonia – 2003, other countries 2001-2004



## Health in the Baltic countries

### Life expectancy at the age 45 years



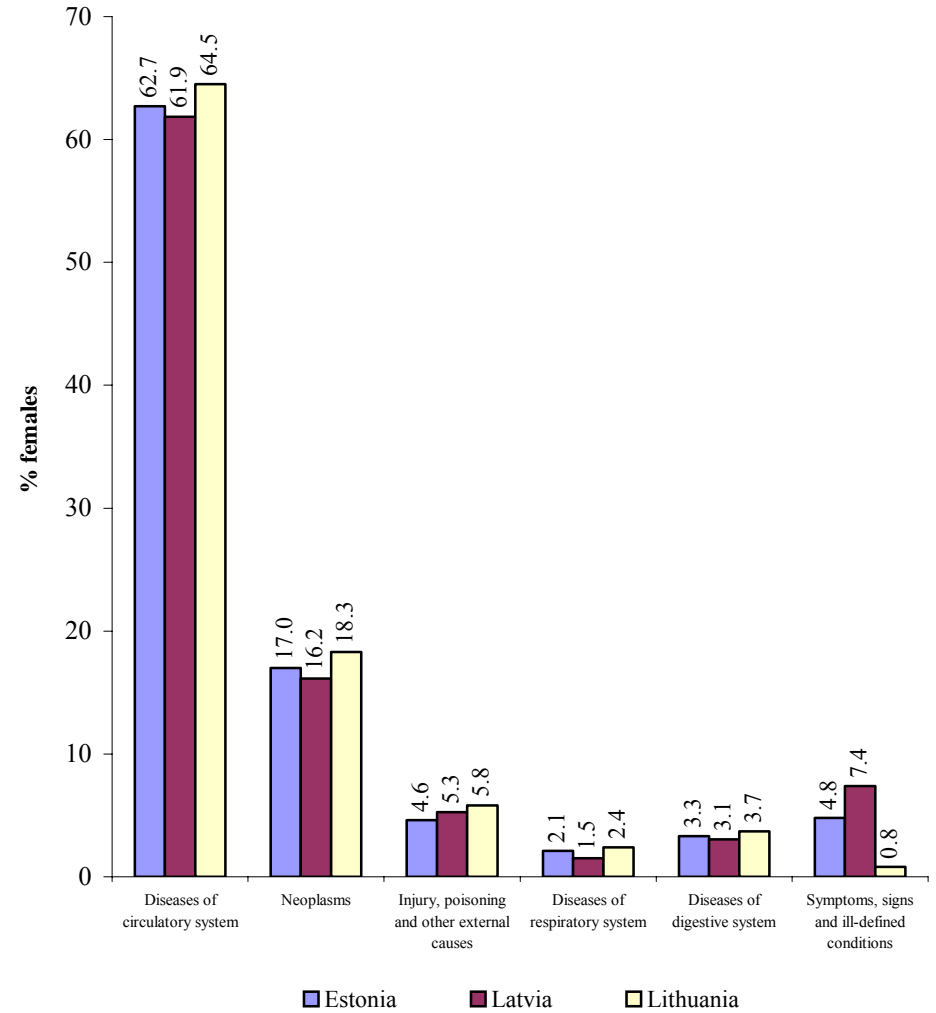
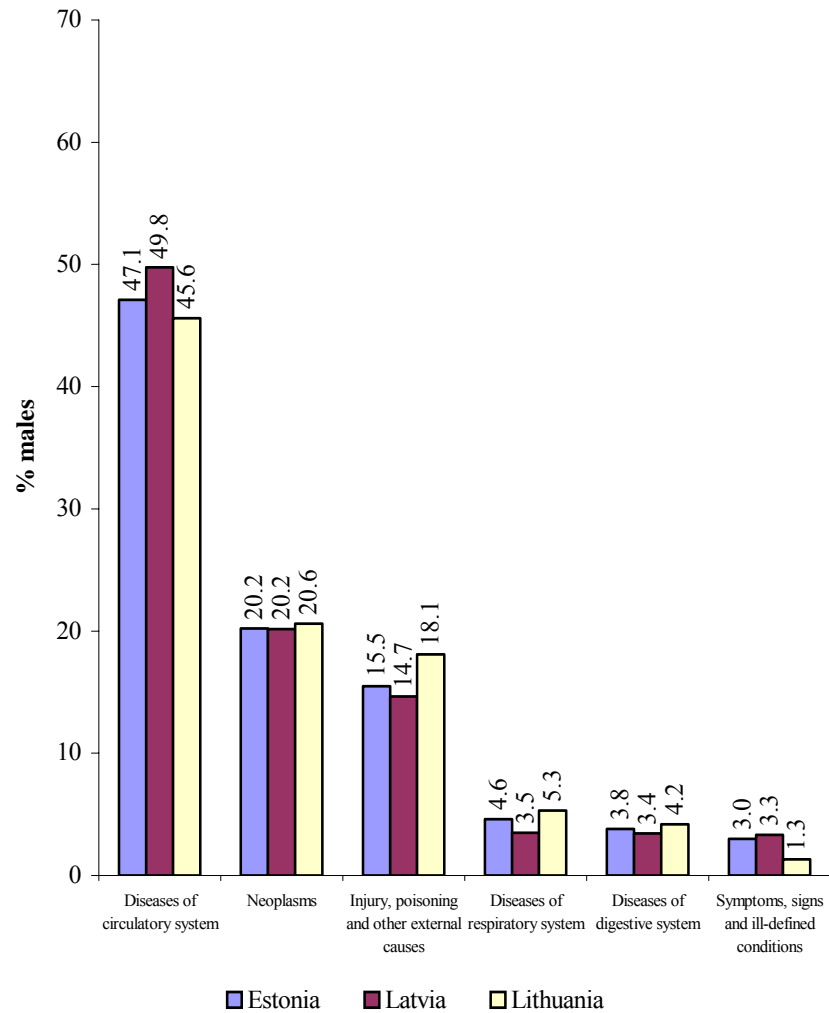
## Health in the Baltic countries

### Deaths by cause per 100,000 population in 2004\*

Causes of death	Estonia			Latvia			Lithuania		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Certain infectious and parasitic diseases	11.3	17.5	6.0	12.6	18.4	7.6	13.1	21.4	5.9
Neoplasms	249.4	297.6	208.3	251.3	300.8	209.0	235.0	281.2	194.6
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanisms	1.2	1.1	1.2	1.3	1.3	1.4	0.8	0.6	1.1
Endocrine, nutritional and metabolic diseases	14.2	8.7	18.9	11.2	8.8	13.3	9.8	8.7	10.6
Mental and behavioural disorders	11.3	17.2	6.3	3.7	5.3	2.3	2.1	2.7	1.5
Diseases of the nervous system	15.4	20.7	11.0	14.1	18.2	10.5	12.4	14.2	10.8
Diseases of the eye and adnexa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of the ear and mastoid process	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.0	0.1
Diseases of the circulatory system	735.2	694.9	769.7	773.8	742.7	800.4	655.8	622.0	685.4
Diseases of the respiratory system	45.6	68.1	26.3	34.6	52.2	19.6	47.4	72.4	25.6
Diseases of the digestive system	47.4	55.8	40.3	44.9	51.2	39.4	47.5	57.0	39.2
Diseases of the skin and subcutaneous tissue	0.7	0.5	0.8	1.3	0.8	1.7	0.9	1.0	0.9
Diseases of the musculoskeletal system and connective tissue	3.6	1.9	5.1	2.7	1.6	3.7	2.7	2.1	3.3
Diseases of the genitourinary system	11.5	10.3	12.6	13.9	13.0	14.7	8.5	9.1	8.0
Pregnancy, childbirth and puerperium	-	-	0.5	-	-	0.2	-	-	0.3
Certain conditions originating in perinatal period	2.7	3.7	1.8	3.9	4.2	3.6	2.5	2.9	2.2
Congenital malformations, deformations and chromosomal abnormalities	3.4	3.5	3.3	3.8	4.9	2.9	4.1	4.7	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	52.1	43.6	59.3	74.5	49.8	95.7	12.5	17.2	8.3
Injury, poisoning and certain other consequences of external causes	135.7	228.8	56.2	137.5	218.8	68.1	147.8	246.5	61.4
<b>TOTAL</b>	<b>1341.1</b>	<b>1473.8</b>	<b>1227.6</b>	<b>1385.4</b>	<b>1492.3</b>	<b>1294.0</b>	<b>1203.3</b>	<b>1363.8</b>	<b>1062.8</b>

\* Data for Estonia – 2003

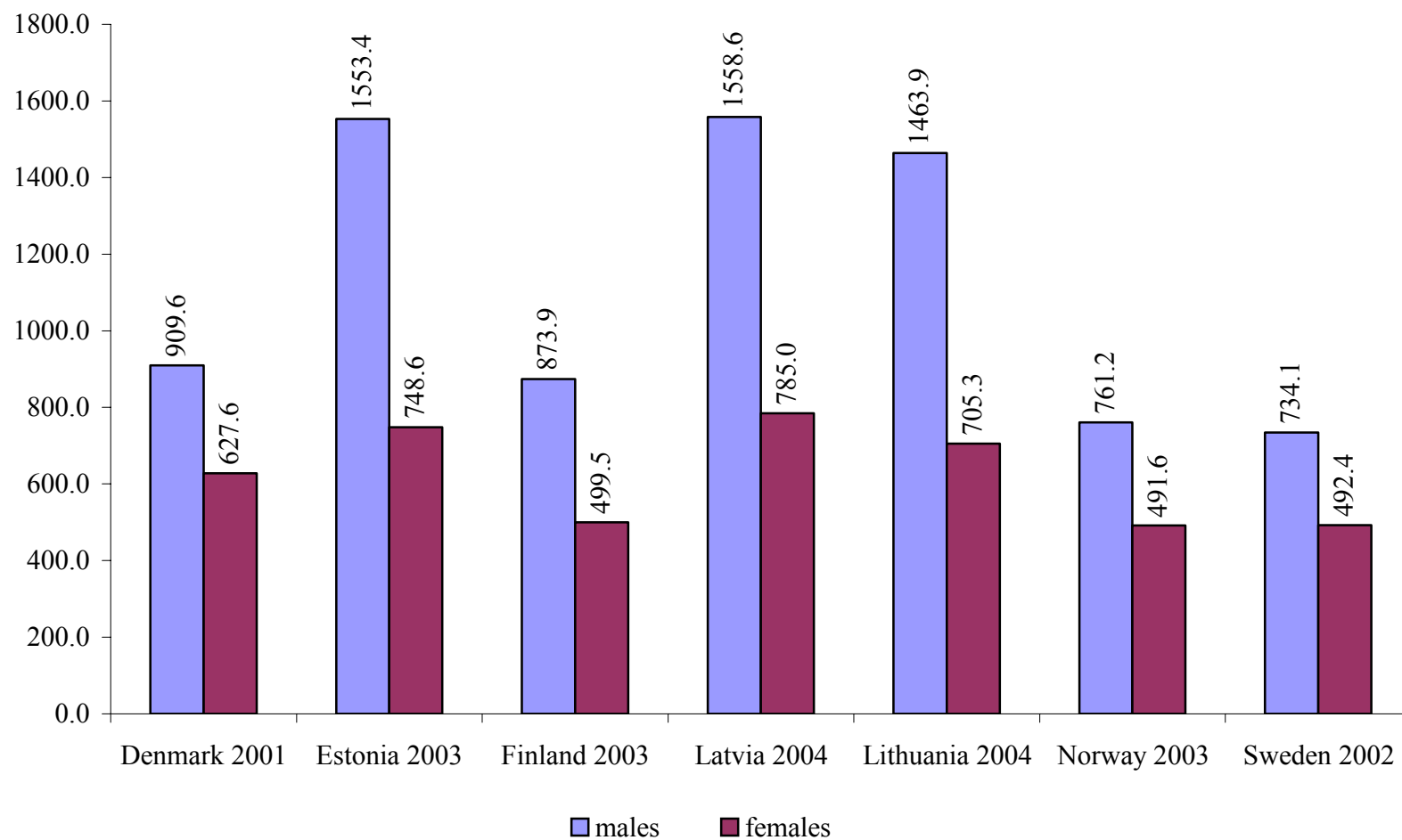
Main causes of death in 2004\*



\*Data for Estonia - 2003

## Health in the Baltic countries

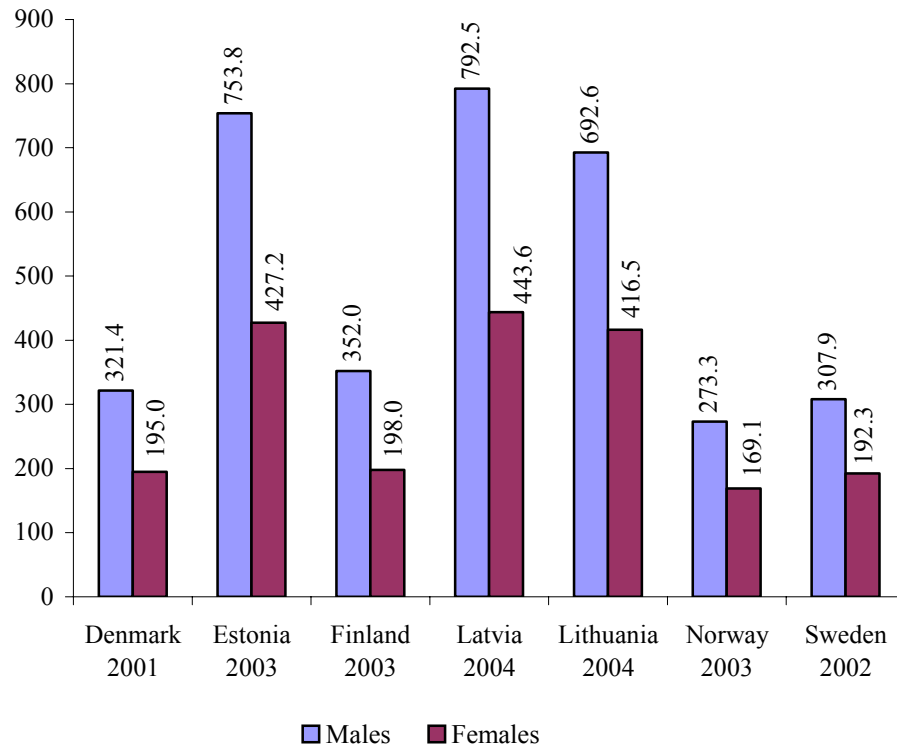
**Age-standardized death rates**  
(per 100,000 European standard population)



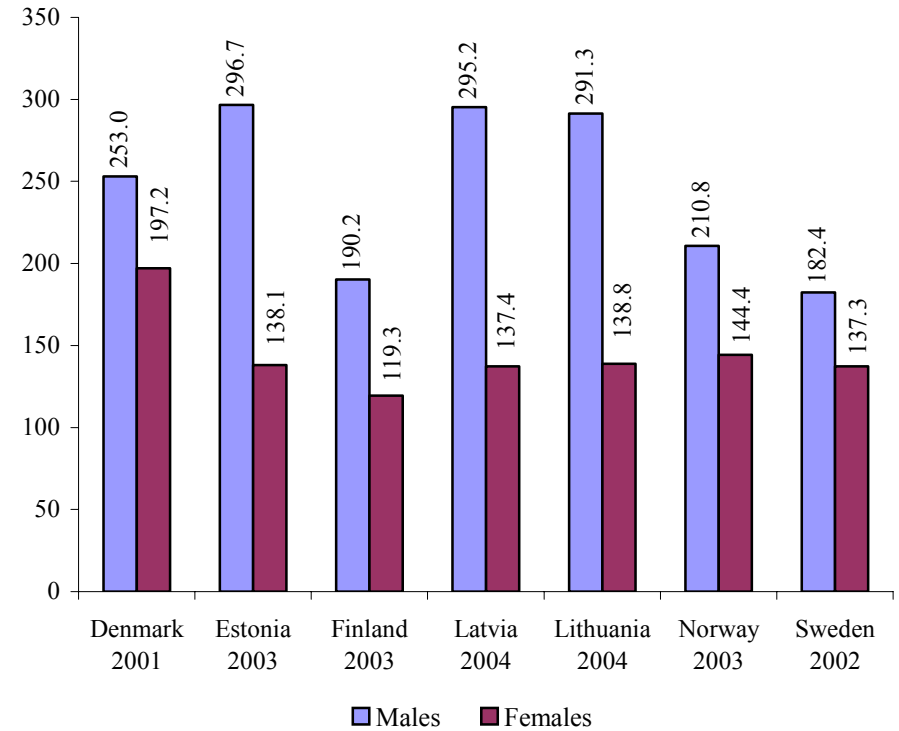
## Health in the Baltic countries

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

by diseases of the circulatory system



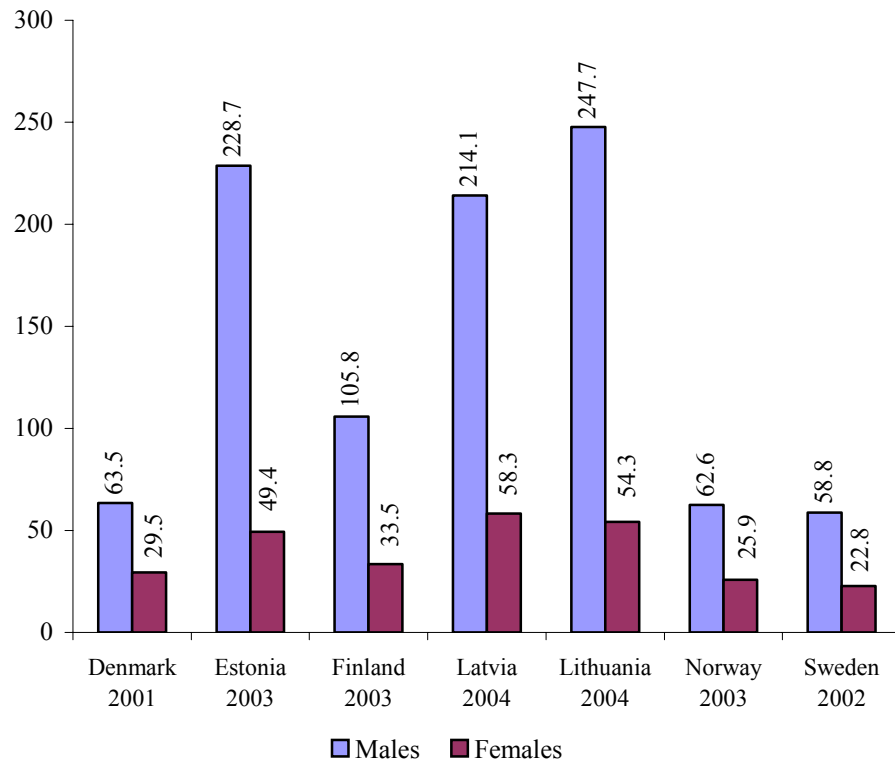
by malignant neoplasms



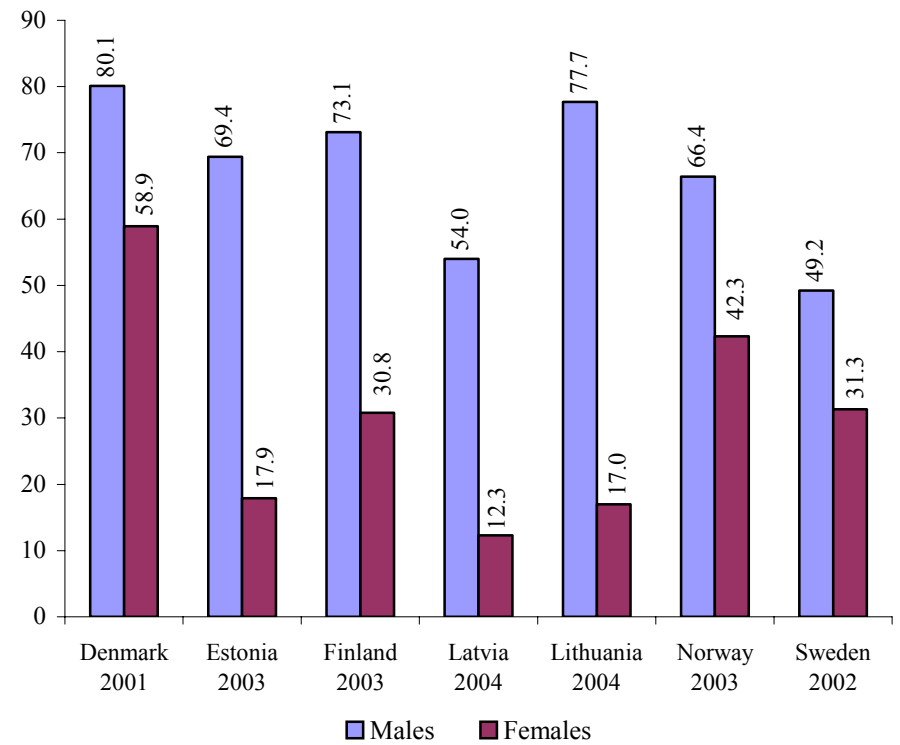
## Health in the Baltic countries

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

#### by accidents, injuries and poisoning

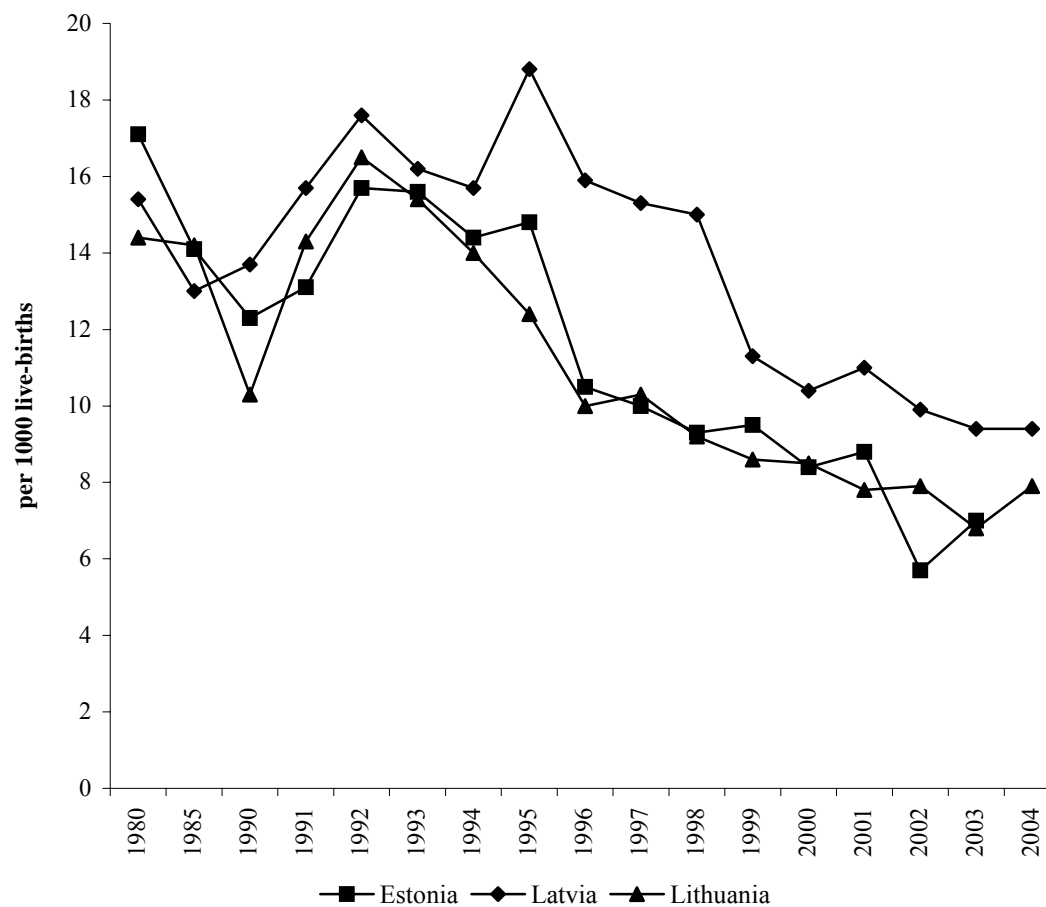


#### by diseases of the respiratory system

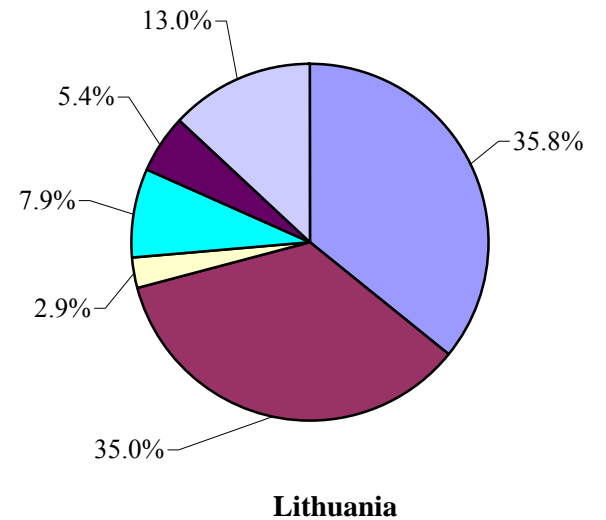
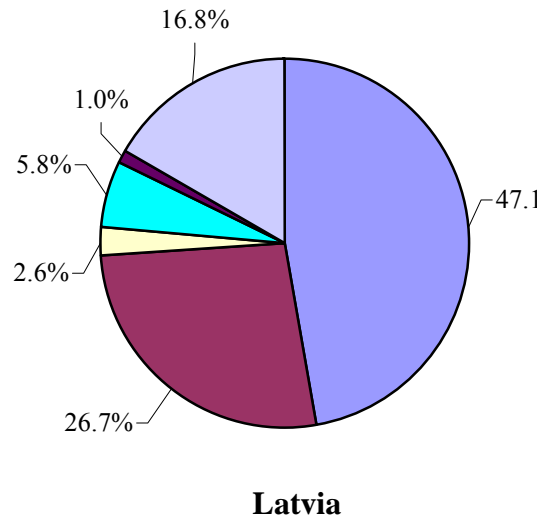
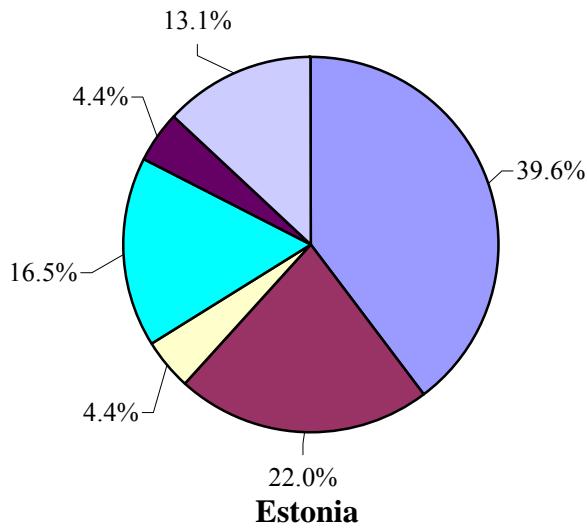


**Infant mortality**  
(per 1000 live-births)

Years	Estonia	Latvia	Lithuania
1925	-	107.2	179.0
1935	-	78.9	-
1940	84.9	74.9	98.5
1960	31.6	27.0	46.5
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	-	9.4	7.9



Structure of infant mortality (%) in 2004\*



- Perinatal conditions
- Congenital anomalies
- Infectious and parasitic diseases
- Injuries and poisoning
- Diseases of the respiratory system
- Other causes

- Perinatal conditions
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- Other causes

- Perinatal conditions
- Congenital anomalies
- Infectious and parasitic diseases
- Injuries and poisoning
- Diseases of the respiratory system
- Other causes

\*Data for Estonia - 2003



## Health in the Baltic countries

### Infant mortality by causes per 10,000 live births in 2004\*

	Estonia		Latvia		Lithuania	
	Rate	%	Rate	%	Rate	%
Certain conditions originating in the perinatal period	27.6	39.6	44.2	47.1	28.3	35.8
Congenital anomalies	15.3	22.0	25.1	26.7	27.6	35.0
Diseases of the respiratory system	3.1	4.4	1.0	1.0	4.3	5.4
Infectious and parasitic diseases	3.1	4.4	2.5	2.6	2.3	2.9
Accidents, injury and poisoning	11.5	16.5	5.4	5.8	6.2	7.9
Diseases of the nervous system and sense organs	2.3	3.3	1.0	1.0	2.6	3.3
Diseases of the digestive system	0.0	0.0	1.0	1.0	0.3	0.4
Other causes	6.9	9.9	13.8	14.7	7.2	9.2
<b>TOTAL</b>	<b>69.8</b>	<b>100.0</b>	<b>93.8</b>	<b>100.0</b>	<b>78.9</b>	<b>100.0</b>

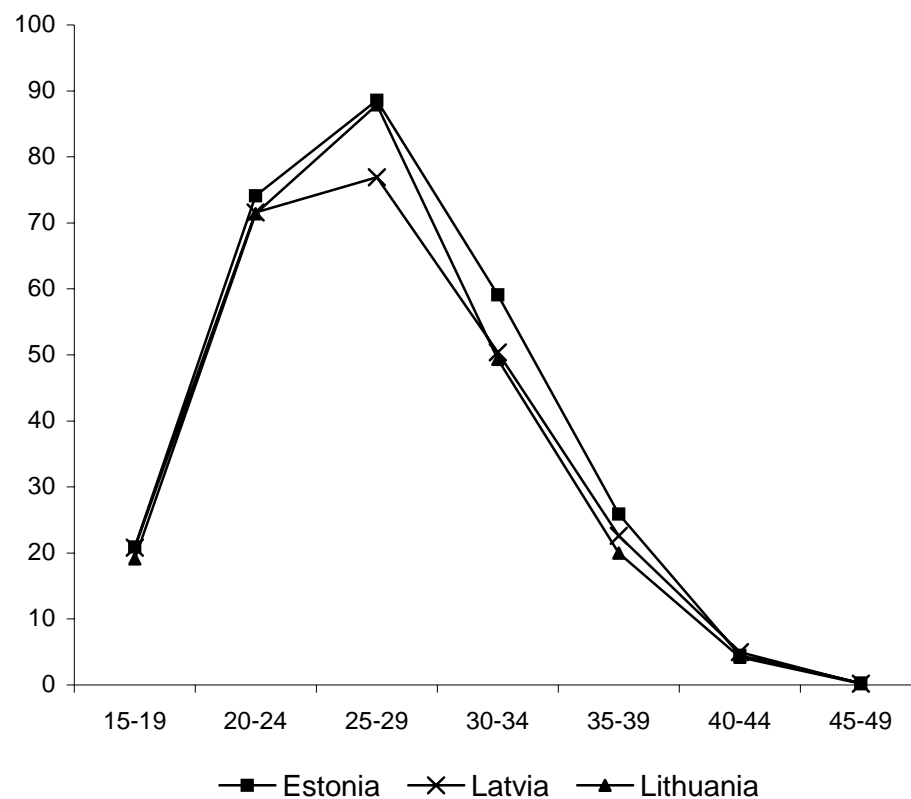
### Perinatal, neonatal and maternal mortality in 2004\*

	Estonia	Latvia	Lithuania
Perinatal mortality per 1000 births	7.8	10.5	8.3
Foetal death rate per 1000 births	4.8	6.7	4.9
Neonatal mortality per 1000 live births	4.0	5.7	4.8
Early neonatal mortality per 1000 live births	3.0	3.8	3.4
Maternal mortality per 100,000 live births	30.7	9.8	16.4
Standard perinatal mortality	5.8	7.8	5.1
Standard foetal death rate	4.0	4.7	3.9

\*Data for Estonia - 2003

**Birth rates by age of mother in 2004\***  
per 1000 women

	<b>Estonia</b>	<b>Latvia</b>	<b>Lithuania</b>
Women 15-49 years of age	38.0	34.4	34.2
Of them by age:			
15-19	20.9	20.8	19.1
20-24	74.1	71.6	71.4
25-29	88.6	76.9	87.9
30-34	59.1	50.4	49.3
35-39	25.9	22.6	20.0
40-44	4.5	5.0	4.2
45-49	0.3	0.2	0.2
<b>Total fertility rate</b>	1.37	1.24	1.26

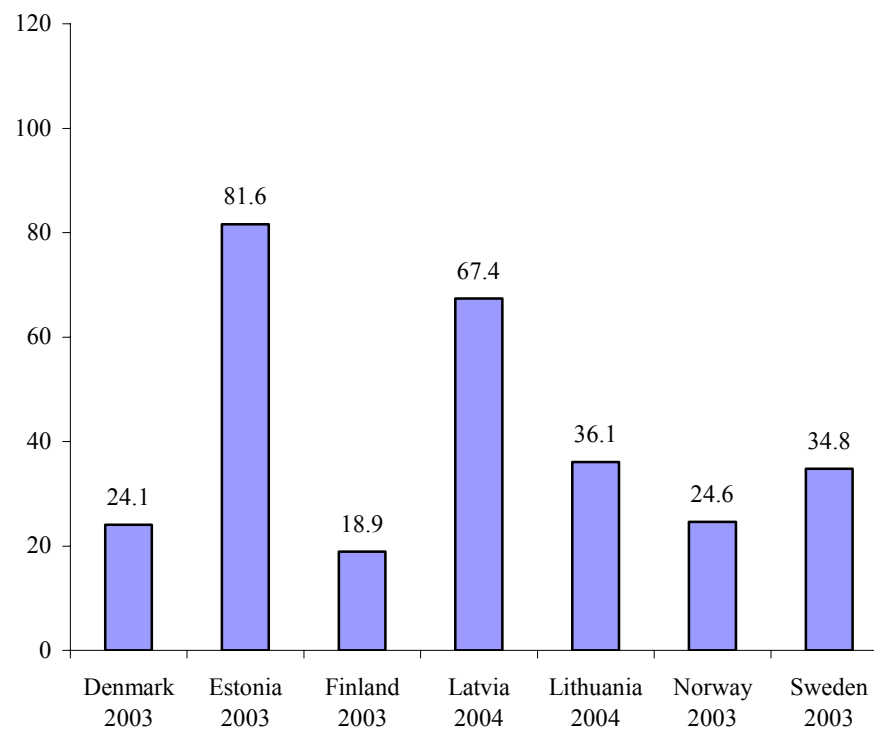


\* Data for Estonia - 2003

Abortions in 2004\*

	Estonia	Latvia	Lithuania
<b>All abortions</b>			
Total number	13021	18190	16797
Per 1000 women aged 15-49 years	38.0	30.7	18.9
Per 100 live births	100.0	89.4	57.0
<b>Induced abortions</b>			
Total number	10625	13723	10644
Per 1000 women aged 15-49 years	31.0	23.2	12.0
Per 100 live births	81.6	67.4	36.1
<b>Percentage</b>			
Spontaneous abortions	8.8	20.7	28.1
Legal abortions	79.4	73.5	62.9
Medical abortions	2.2	1.9	0.5
Other abortions	9.6	3.8	8.5

Induced abortions per 100 live births

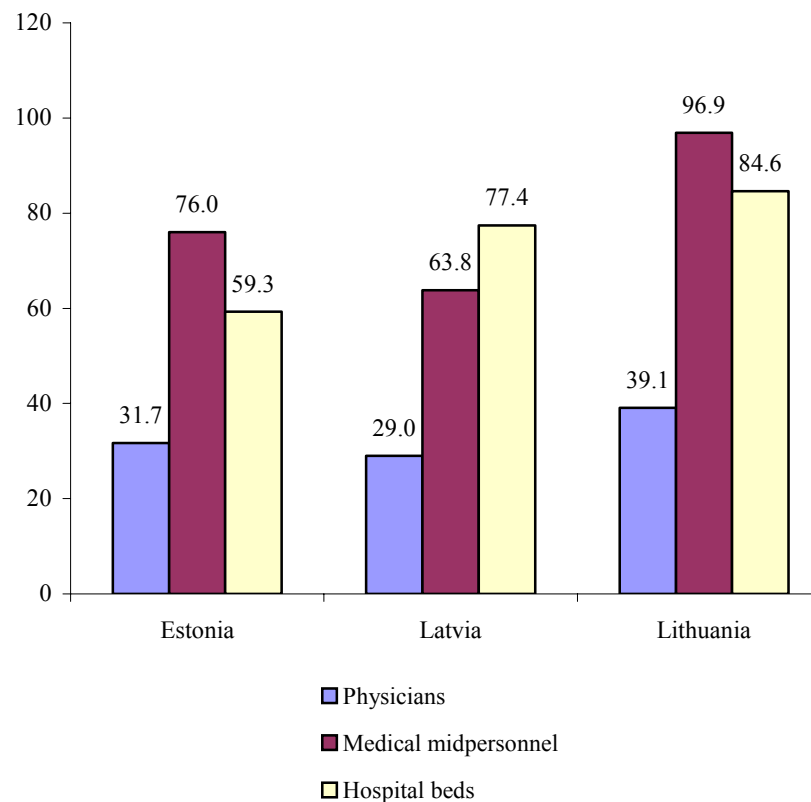


\* Data for Estonia - 2003

**Health facilities in 2004\***

	<b>Estonia</b>	<b>Latvia</b>	<b>Lithuania</b>
<b>Hospitals</b>	50	119	181
<b>Hospital beds:</b>			
Thousand	8.0	17.9	29.0
Per 10,000 population	59.3	77.4	84.6
<b>Physicians:</b>			
Thousand	4.3	6.7	13.4
Per 10,000 population	31.7	29.0	39.1
<b>Dentists:</b>			
Thousand	1.1	1.4	2.3
Per 10,000 population	8.3	6.0	6.6
<b>Medical midpersonnel:</b>			
Thousand	10.3	14.7	33.2
Per 10,000 population	76.0	63.8	96.9
<b>Hospital admission:</b>			
Thousand	260.1	488.5	817.8
Per 100 population	19.3	21.1	23.8
<b>Physicians visits:</b>			
Million	8.1	11.6	22.7
Per 1 inhabitant	5.9	5.0	6.6

**Number of physicians, medical midpersonnel and hospital beds per 10,000 population in 2004\***



\* Data for Estonia - 2003

Physicians by speciality at the end of 2004\*

	Estonia		Latvia		Lithuania	
	Number	Per 10,000 population	Number	Per 10,000 population	Number	Per 10,000 population
TOTAL **	4277	31.7	6697	29.0	13397	39.1
Of them:						
Family doctors and general practitioners	803	5.9	1231	5.3	1665	4.9
Internal medicine	519	3.8	427	1.9	2378	6.9
Surgery (include orthopaedics)	394	2.9	485	2.1	1232	3.6
Paediatrics	283	2.1	261	1.1	1245	3.6
Gynaecology (include obstetrics)	276	2.0	458	2.0	778	2.3
Oncology	30	0.2	86	0.4	130	0.4
Otolaryngology	93	0.7	158	0.7	292	0.9
Ophthalmology	118	0.9	223	1.0	351	1.0
Anaesthesiology	256	1.9	368	1.6	589	1.7
Neurology	141	1.0	237	1.0	496	1.4
Psychiatry	181	1.3	241	1.0	547	1.6
Narcology	-	-	77	0.3	45	0.1
Tuberculosis	-	-	133	0.6	116	0.3
Infectology	30	0.2	56	0.2	78	0.2
Epidemiology	-	-	48	0.2	113	0.3
Dermatology & venerology	80	0.6	111	0.5	185	0.5
Radiology	182	1.3	279	1.2	462	1.3
Pathology	57	0.4	38	0.2	62	0.2
Forensic medicine	-	-	44	0.2	68	0.2
Laboratory	122	0.9	203	0.9	95	0.3
Hygiene	-	-	41	0.2	220	0.6
Others	712	5.3	1492	6.5	2250	6.6
* Data for Estonia - 2003						
** Number of dentists is not included						

## Health in the Baltic countries

### Hospital beds by speciality at the end of 2004\*

	Estonia			Latvia**			Lithuania		
	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%
<b>TOTAL</b>	8017	59.4	100	17891	77.4	100	28972	84.6	100.0
Of them:									
Internal medicine	1618	12.0	20.2	3119	13.5	17.4	5451	15.9	18.8
Rehabilitation	357	2.6	4.5	699	3.0	3.9	1403	4.1	4.8
Surgery (include orthopaedics)	1573	11.6	19.6	3502	15.1	19.6	5041	14.7	17.4
Oncology (include radiology)	132	1.0	1.6	891	3.9	5.0	1026	3.0	3.5
Otolaryngology	93	0.7	1.2	190	0.8	1.1	422	1.2	1.5
Ophthalmology	39	0.3	0.5	176	0.8	1.0	331	1.0	1.1
Obstetrics	332	2.5	4.1	640	2.8	3.6	1028	3.0	3.5
Gynaecology	284	2.1	3.5	614	2.7	3.4	895	2.6	3.1
Neurology	327	2.4	4.1	1051	4.5	5.9	1796	5.2	6.2
Dermatology & venerology	84	0.6	1.0	119	0.5	0.7	157	0.5	0.5
Infectious	195	1.4	2.4	692	3.0	3.9	672	2.0	2.3
Tuberculosis	298	2.2	3.7	1102	4.8	6.2	1425	4.2	4.9
Paediatrics	423	3.1	5.3	765	3.3	4.3	1564	4.6	5.4
Psychiatry	793	5.9	9.9	3213	13.9	18.0	3368	9.8	11.6
Narcology	-	-	-	419	1.8	2.3	301	0.9	1.0
General & nursing	976	7.2	12.2	367	1.6	2.1	3421	10.0	11.8

\* Data for Estonia – 2003

\*\* Hospital beds average in 2004; excluding short-term social care beds

## Health in the Baltic countries

### Selected notifiable diseases per 100,000 population in 2004\*

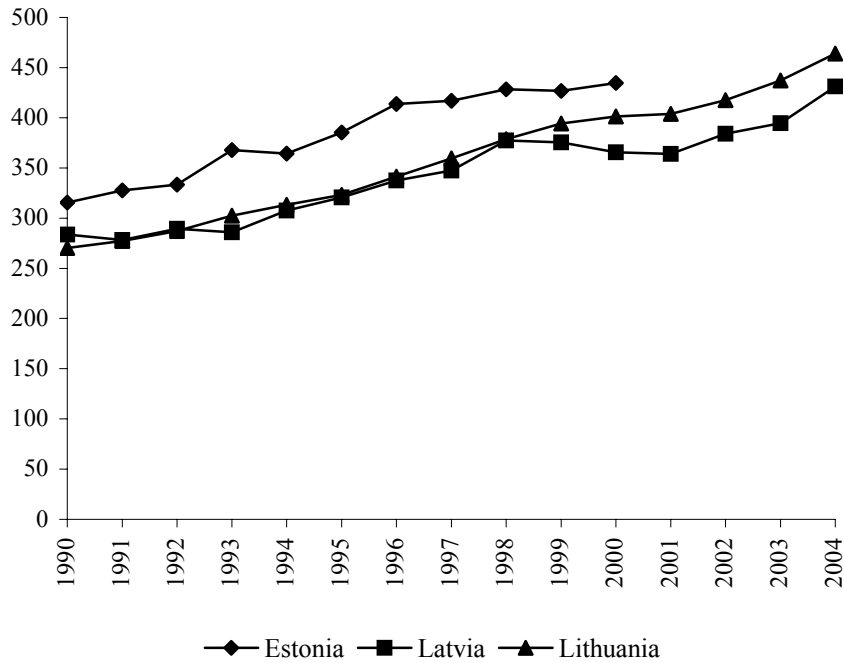
	<b>Estonia</b>	<b>Latvia</b>	<b>Lithuania</b>
Typhoid fever and paratyphoid	0.0	0.0	0.2
Salmonella infections	13.6	20.8	54.7
Bacillary dysentery	10.5	24.0	23.2
Other intestinal infections	228.7	222.5	257.5
Diphtheria	0.0	0.9	0.0
Whooping cough	46.0	1.8	1.4
Meningococcal infection	0.8	1.0	2.7
Measles	0.0	0.0	0.03
Tick-borne viral encephalitis	17.5	10.9	12.4
Viral hepatitis	40.0	71.9	9.5
A	0.7	3.0	0.8
B	12.8	9.3	5.4
Acute upper respiratory infections	18143.7	18753.9	15069.7
Influenza	531.5	1874.9	1290.5
<b>Malignant neoplasms</b>			
Incidence	434.8	431.1	464.1
Prevalence	2396.6	2255.5	1935.9
<b>Tuberculosis</b>			
Incidence (excl. relapses)	36.2	59.4	59.0
Prevalence	40.6	84.1	246.7
Syphilis	15.7	25.3	9.9
Gonorrhoea	33.8	23.2	14.0
AIDS	0.7	3.0	0.6
HIV carrier	62.1	14.8	3.9

\*Data for Estonia – 2003 (incidence and prevalence of neoplasms – 2000)

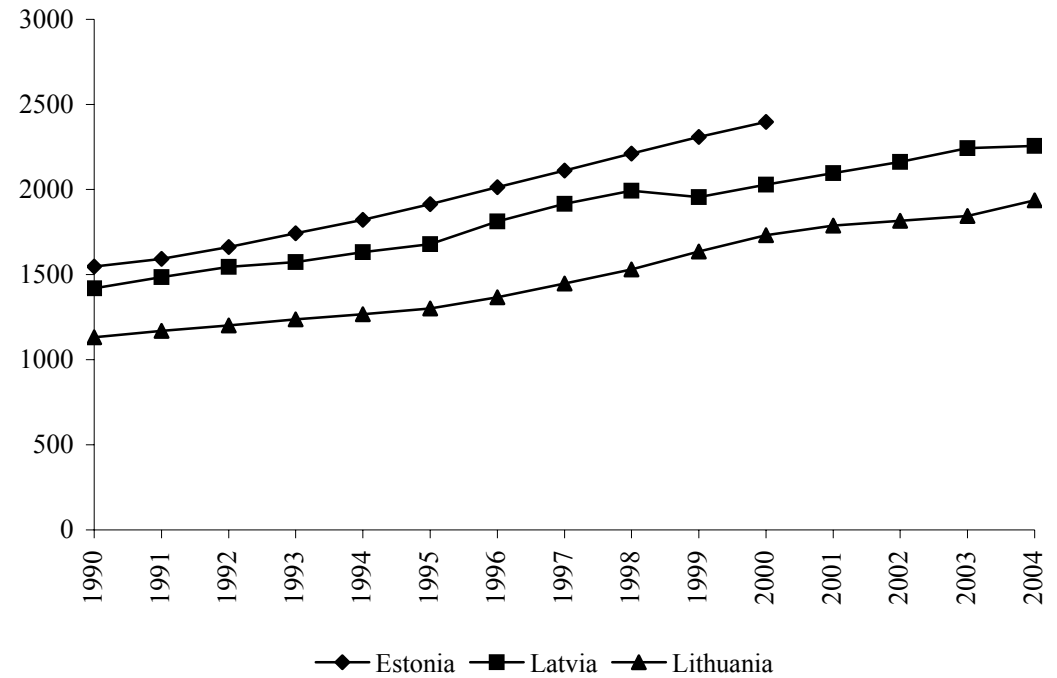
# Health in the Baltic countries

## Malignant neoplasms (per 100,000 population)

### incidence



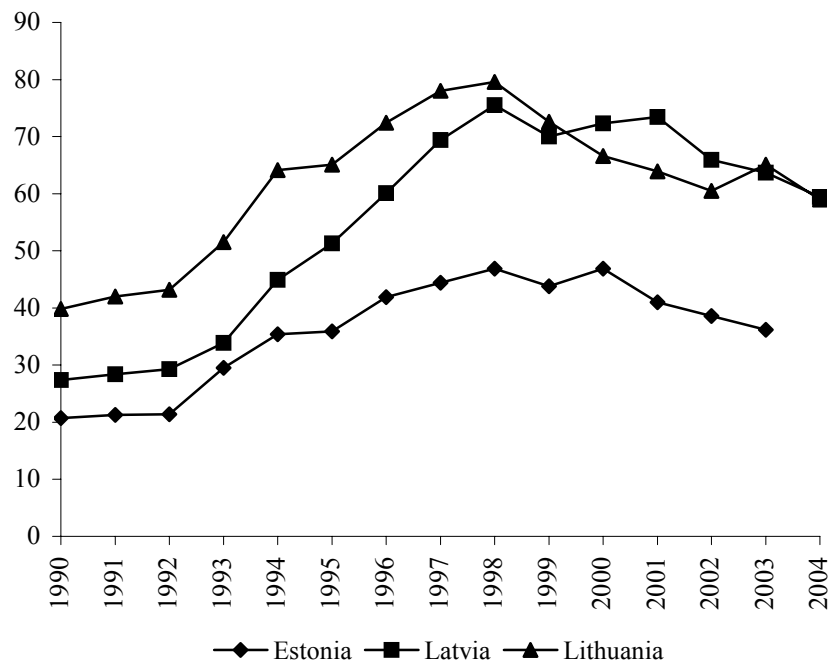
### prevalence



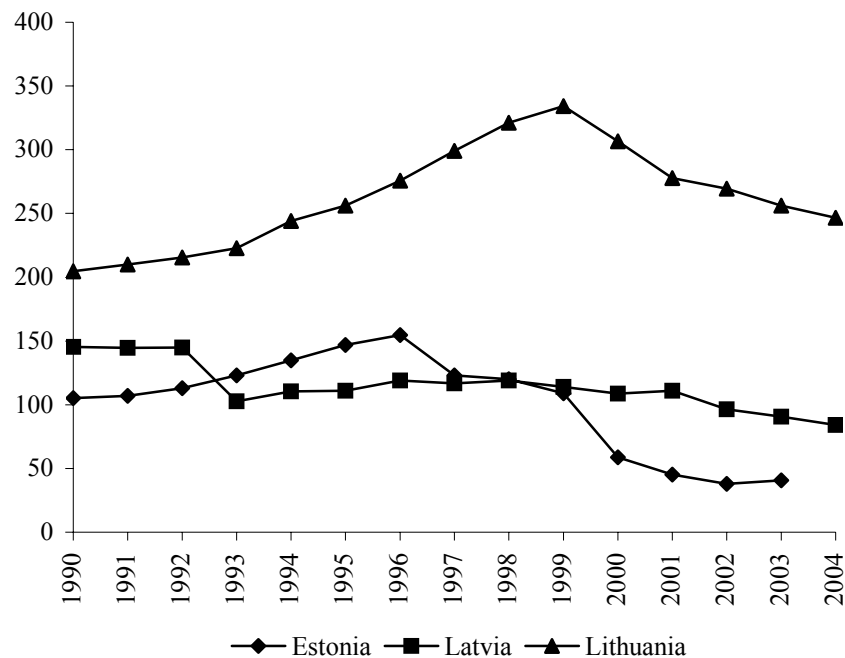


**Tuberculosis**  
(per 100,000 population)

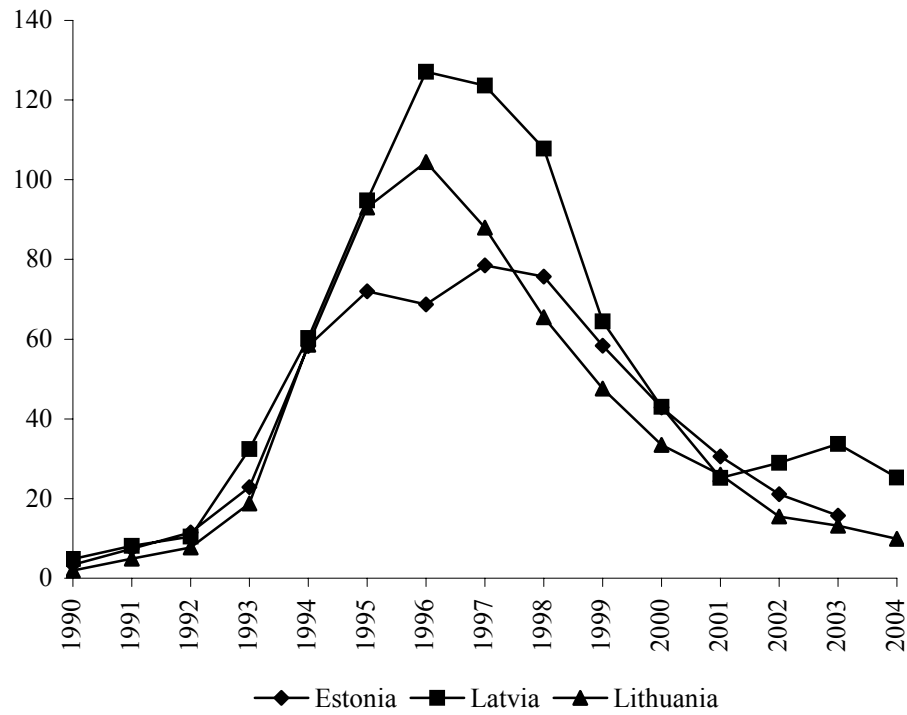
**incidence (excl. relapses)**



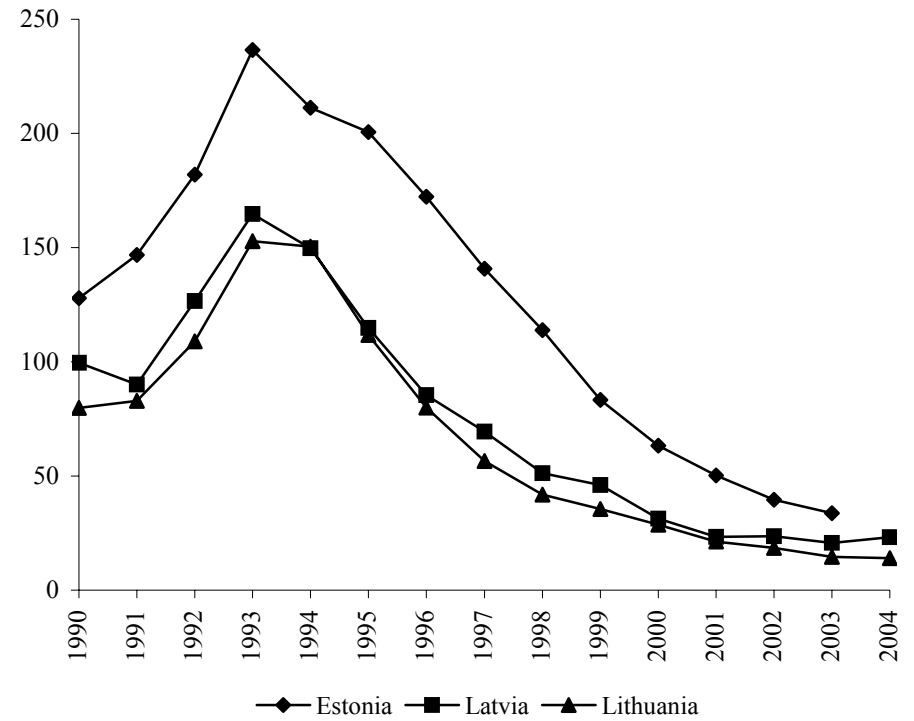
**prevalence**



**Incidence of syphilis**  
(per 100,000 population)



**Incidence of gonorrhoea**  
(per 100,000 population)



## Health in the Baltic countries

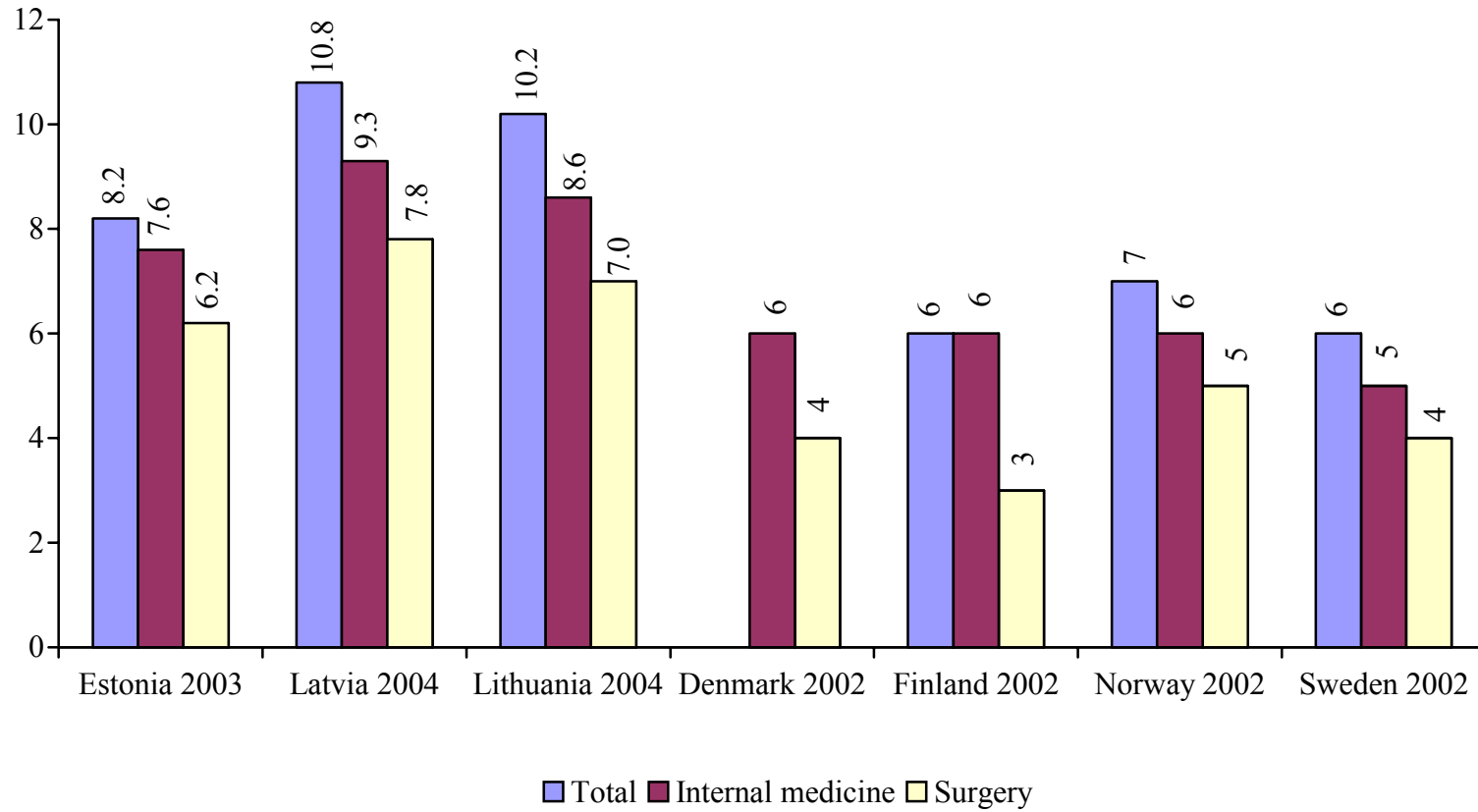
### Hospital beds utilization by speciality in 2004\*

	Estonia					Latvia**					Lithuania				
	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	192.5	255.6	71.8	8.2	29.5	211.2	289.0	79.0	10.8	27.3	238.0	287.8	78.8	10.2	28.2
Internal medicine	38.8	247.4	69.5	7.6	31.2	43.6	297.0	81.2	9.3	33.2	53.1	308.8	84.6	8.6	35.8
Rehabilitation	4.7	224.0	62.9	13.5	16.5	5.0	300.0	82.1	18.3	16.5	4.2	256.0	70.1	24.5	10.4
Surgery (include orthopaedics)	49.3	261.8	73.5	6.2	41.5	53.0	277.2	75.8	7.8	36.1	53.7	262.1	71.8	7.0	37.3
Oncology (include radiology)	3.4	272.0	76.4	7.6	35.3	9.2	250.4	68.4	10.6	23.8	8.5	304.0	83.3	10.6	28.7
Otolaryngology	8.6	250.2	70.3	2.1	119.5	3.8	263.2	71.9	5.6	46.4	6.6	227.2	62.2	4.3	52.7
Ophthalmology	1.8	149.5	42.0	2.5	60.0	2.9	213.8	58.4	6.0	35.4	5.9	264.4	72.4	4.3	61.1
Obstetrics	14.1	204.7	57.5	3.5	57.0	11.3	232.8	63.6	5.7	39.8	13.4	234.9	64.4	5.2	45.2
Gynaecology	14.1	180.8	50.8	2.8	65.7	16.0	249.1	68.1	4.1	61.8	15.7	239.6	65.6	3.9	61.3
Neurology	9.0	274.7	77.2	7.5	36.0	14.4	316.7	86.5	10.3	31.5	17.8	309.8	84.9	9.0	34.4
Dermatology & venerology	1.3	232.8	65.4	10.3	22.7	1.2	308.4	84.3	13.7	24.6	1.1	273.7	75.0	11.0	24.9
Infectious	5.3	218.7	61.4	6.0	36.4	10.5	216.4	59.5	6.5	34.4	8.0	273.7	75.0	6.2	44.2
Tuberculosis	1.1	263.9	74.1	54.5	4.7	3.0	319.3	87.2	52.7	6.3	2.3	319.0	87.4	58.0	5.5
Paediatrics	12.5	217.5	61.1	5.4	38.9	11.6	261.1	71.3	7.6	36.0	19.5	282.4	77.4	6.3	44.6
Psychiatry	10.6	307.1	86.3	17.3	17.7	8.0	357.3	97.6	60.8	5.8	8.6	300.8	82.4	33.8	8.9
Narcology	-	-	-	-	-	6.2	214.1	58.5	6.0	38.8	1.9	273.1	74.8	11.1	24.6
General & nursing	7.5	284.9	80.0	26.7	10.2	4.8	231.8	63.3	8.1	26.0	6.9	320.8	87.9	46.5	6.9

\*Data for Estonia – 2003

\*\* Without short-term social care beds

Average length of stay (days)



## Health in the Baltic countries

### Discharges by groups of diseases in 2004\*

	Estonia				Latvia***				Lithuania			
	children		adults		children		adults		children		adults	
	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	15.4	4.4	4.5	21.6	16.8	8.4	6.1	28.7	21.7	6.6	5.4	27.5
Neoplasms	5.1	4.1	16.9	7.8	2.8	8.6	19.7	9.7	3.4	7.6	20.3	10.3
Diseases of the blood and blood forming organs and certain disorders involving the immune mechanisms	1.9	4.1	1.0	8.8	0.7	8.7	0.8	10.0	1.1	6.5	1.0	8.6
Endocrine, nutritional and metabolic diseases	1.9	4.7	3.7	9.2	2.1	6.4	4.2	8.6	2.1	6.6	4.5	10.1
Mental disorders and behavioural disorders	6.5	8.9	12.9	16.3	8.6	19.3	18.3	31.6	3.4	12.7	13.6	27.4
Diseases of the nervous system	8.4	7.3	4.7	10.1	8.9**	8.4**	10.8**	8.3**	6.1	7.7	12.4	10.2
Diseases of the eye and adnexa	1.1	1.8	1.9	2.9	-	-	-	-	2.7	6.7	5.8	4.4
Diseases of the ear and mastoid process	6.0	4.5	1.1	4.8	-	-	-	-	5.4	6.5	1.6	8.0
Diseases of the circulatory system	1.7	3.8	35.8	10.8	1.8	5.6	38.8	9.8	1.9	5.2	53.9	13.0
Diseases of the respiratory system	55.7	4.4	13.2	6.6	60.3	7.5	12.7	9.5	73.0	6.2	16.4	9.7
Diseases of the digestive system	12.0	3.6	18.1	5.9	19.7	5.1	18.4	7.1	23.1	4.3	18.9	7.5
Diseases of the skin and subcutaneous tissue	4.3	5.0	3.4	9.3	5.2	6.5	3.6	8.6	5.2	5.0	4.0	9.3
Diseases of the musculo-skeletal and connective tissue	3.4	5.3	15.2	8.3	6.1	13.4	14.6	10.8	3.1	7.7	14.2	11.0
Diseases of the genitourinary system	6.9	4.9	14.3	4.7	7.6	6.2	15.3	5.7	6.9	5.9	18.3	5.4
Pregnancy, childbirth and puerperium	0.1	2.1	22.3	3.2	2.7	4.7	22.7	5.0	0.05	4.6	23.2	4.6
Certain conditions originating in perinatal period	12.0	8.4	-	-	15.3	7.8	-	-	17.9	6.9	-	-
Congenital malformations, deformations and chromosomal abnormalities	7.3	6.2	0.6	6.3	6.0	8.4	0.5	6.5	7.2	6.6	0.5	7.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3.9	3.1	1.4	4.5	0.7	7.5	0.2	5.7	5.6	24.4	1.4	9.8
Injury, poisoning and certain other consequences of external causes	11.4	3.9	12.0	9.9	21.4	5.0	21.6	8.5	17.9	4.4	20.7	8.8
<b>TOTAL</b>	<b>167.9</b>	<b>5.0</b>	<b>184.2</b>	<b>8.4</b>	<b>186.8</b>	<b>7.8</b>	<b>208.4</b>	<b>11.0</b>	<b>207.5</b>	<b>6.6</b>	<b>236.1</b>	<b>10.7</b>

\* Data for Estonia - 2003

\*\* Diseases of the nervous system and sense organs

\*\*\* Without short term social care beds

**Surgical operations in hospitals in 2004\*\*\***

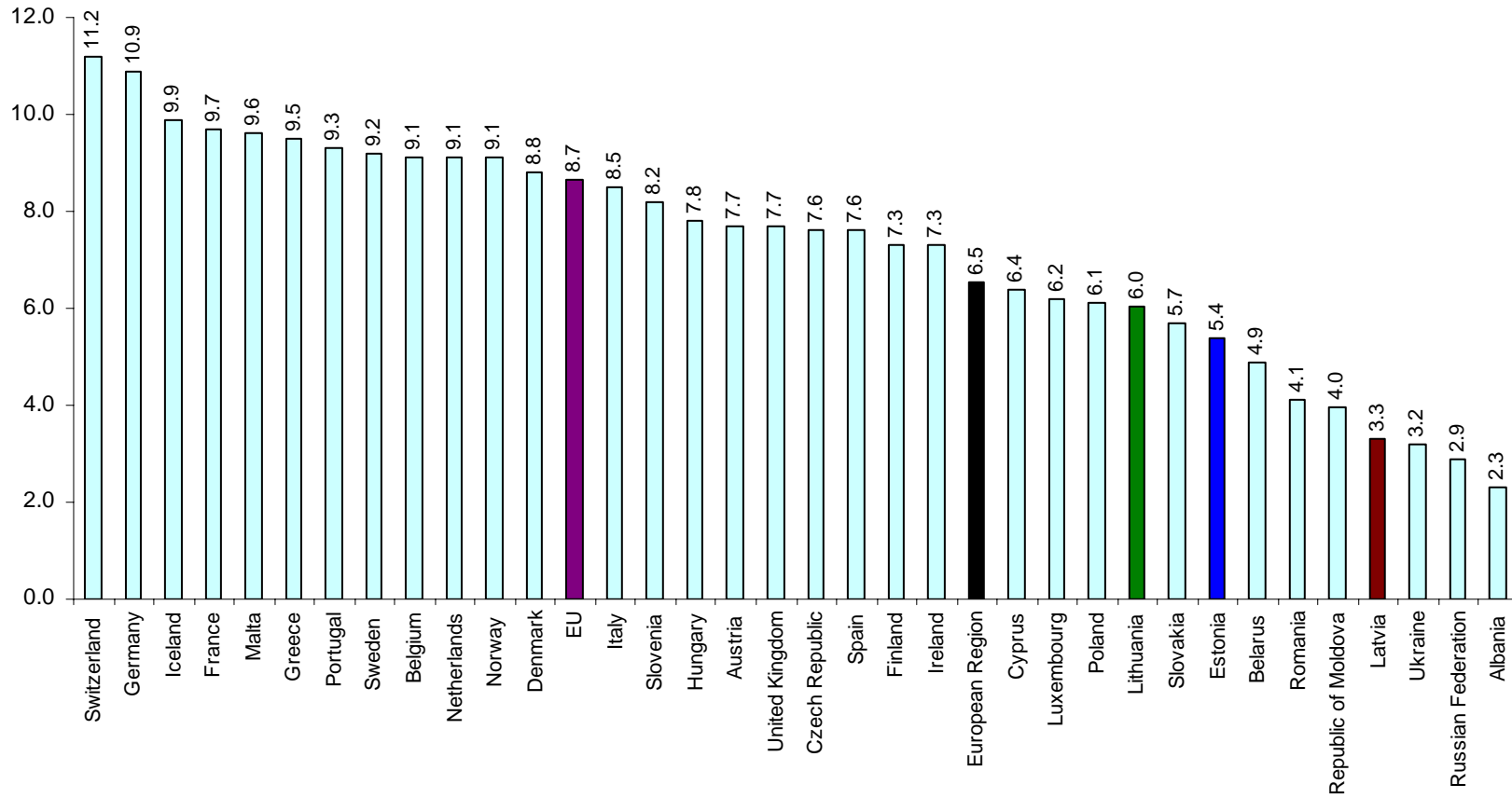
	Estonia			Latvia			Lithuania		
	Number	Per 100,000 population	%	Number	Per 100,000 population	%	Number	Per 100,000 population	%
TOTAL	104 817	7743.8	100	152450	6591.5	100	274408	7987.2	100.0
On the nervous system	2 706	199.9	2.6	3016	130.2	2.0	6808	198.2	2.5
On the endocrine system	554	40.9	0.5	1298	56.1	0.9	1781	51.8	0.6
On the eye	3 112	229.9	3.0	4966	214.7	3.3	17361	505.3	6.3
On the ear, throat and nose	16 811	1242.0	16.0	6930	299.6	4.6	23947	697.0	8.7
On the respiratory system	1 905	140.7	1.8	1850	79.7	1.2	3348	97.5	1.2
On the heart	3 494	258.1	3.3	6758	292.2	4.5	6972	202.9	2.5
On the vessels	7 374	544.8	7.0	3875	167.5	2.6	14963	435.5	5.5
On the digestive system	16 403	1211.8	15.6	20346	879.7	13.3	41436	1206.1	15.1
On the kidneys and ureter	915	67.6	0.9	1646	71.1	1.1	7012	204.1	2.6
On the prostate*	1 203	192.9	1.1	1754	164.6	1.2	7272	452.0	2.7
On the female genital organs**	15 665	2146.3	14.9	22714	1821.2	14.8	37729	2053.6	13.7
Obstetrical operations**	9 452	1295.1	9.0	22836	1831.0	14.8	25866	1407.9	9.4
On the musculoskeletal system	15 643	1155.7	14.9	27411	1185.2	18.0	41565	1209.8	15.1
On the breast	797	58.9	0.8	2318	100.2	1.5	3237	94.2	1.2
On the skin and subcutaneous tissue	4 968	367.0	4.7	16095	695.9	10.5	25088	730.2	9.1
Other procedures	3 815	281.9	3.6	8637	373.4	5.7	10023	291.7	3.7

\*) Per 100,000 male population

\*\*) Per 100,000 female population

\*\*\*) Data for Estonia – 2003, NCSP vs 1.6 is used since 2003

Total health care expenditure as % of GDP



Note: WHO data 2000-2003; data for Estonia - 2003, Latvia and Lithuania – 2004  
 \*Estonia – calculated using the SHA manual

## Obstetric Definitions

Live birth -	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.		rate is used for international comparison including births with a weight of 1000 g or more.
Foetal death -	Death prior to the complete expulsion or extraction from its mother of a product of conception after 22 weeks of gestation. 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 -	Live-born infant that dies during the first year of life.	Abortion -	Spontaneous or induced (legal, therapeutic, criminal) abortion is pregnancy termination 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.	Total fertility 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 that die at the age of 0 to 6 full days of life. Standard		



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The edition was prepared by:

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I. Karashkevics, Computer layout