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Department of Statistics and Analysis,
Medical Statistics Bureau**

**Latvian Health Statistics and Medical
Technology Agency, Health Statistics
Department**

Lithuanian Health Information Centre

***Health in the Baltic Countries
2001
10-th edition***

2002

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Health in the Baltic Countries 2001

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Preface

The tenth edition of “Health in the Baltic Countries” presents the latest available health statistics data in the Baltic Countries – The Republic of Estonia, The Republic of Latvia, The Republic of Lithuania and comprises main population health area – demographic trends, causes of death, selected diseases occurrence as well as health care resources and utilization.

Basic sources of data – annual and special reports of medical institutions, computerized health databases and registers, certain vital statistics data are drawn from official publications of State Statistics Offices of the Baltic Countries.

The bulletin is a joint issue of Ministry of Social Affairs of Estonia, Department of Statistics and Analysis, Medical Statistics Bureau, Latvian Health Statistics and Medical Technology Agency, Lithuanian Health Information Centre from whom more comprehensive data may be obtained.

Population at 01.01.2002

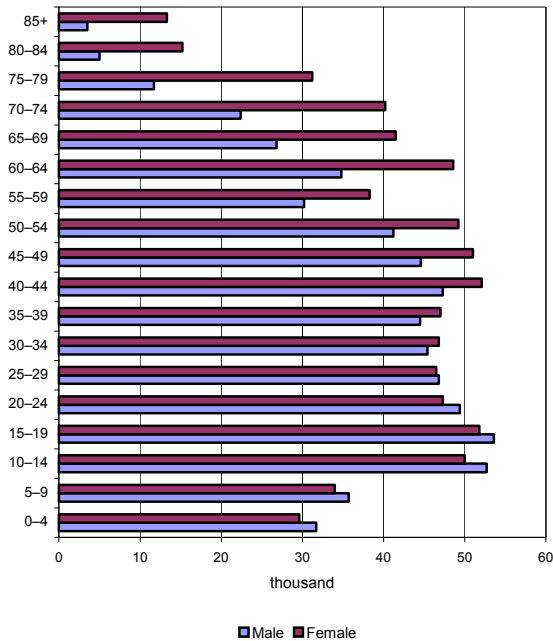
	Estonia	Latvia	Lithuania
Population (thousands)	1361.2	2345.8	3475.6
Per 1 km²	30.1	36.3	53.2
Urban (thousands)	918.0	1592.0	2326.2
%	67.4	67.9	66.9
Rural (thousands)	443.3	753.8	1149.4
%	32.6	32.1	33.1
Males (thousands)	627.6	1080.1	1624.5
%	46.1	46.0	46.7
Females (thousands)	733.6	1265.7	1851.1
%	53.9	54.0	53.3
Under working age (%)	18.7	16.6	20.7
Working age (%)	60.1	60.8	59.5
Over working age (%)	21.2	22.6	19.8
Working age			
Males	16-62	15-61	16-61
Females	16-57	15-58	16-57

Health in the Baltic countries

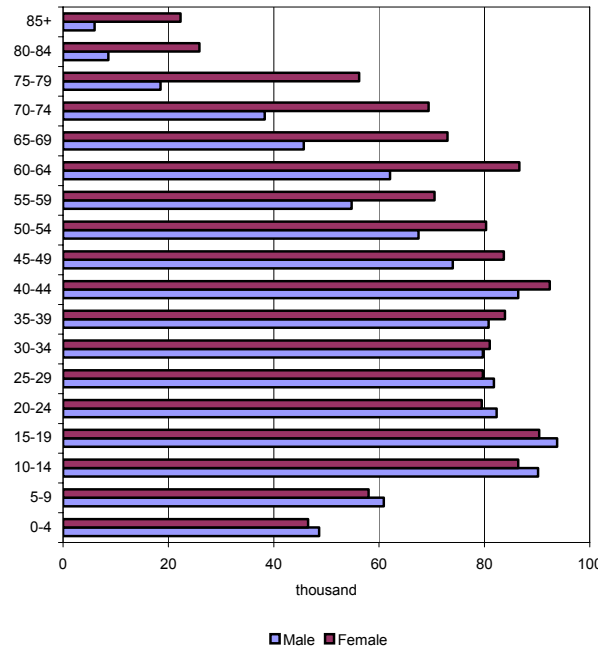
General data

	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 (thousands 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 Rāznas, 57.6 km ² Engures, 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, 311.6m	Juozapinė, 293.6 m
Average daily temperature in January 2001	-1.4 ⁰ C	-0.6°C	-1.0°C
Average daily temperature in July 2001	+20.5 ⁰ C	+21.3°C	+20.6°C
Average daily temperature in 2001	+5.9 ⁰ C	+7.3°C	+7.1°C
Administrative units	15 counties, 42 towns, 205 municipalities	23 rural areas, 77 cities and towns, 469 pagasts (civil parishes)	10 counties, 56 municipalities, 106 cities and towns
Capital, inhabitants (thousands)	Tallinn 398.4	Riga 747.2	Vilnius 541.8
Official language	Estonian	Latvian	Lithuanian
National currency	Estonian kroon= 100 sents 1 EEK = 0.125 DEM (0.059 USD)	Latvian lats=100 santims 1 Ls = 1.592 USD	Lithuanian lits=100 centas 1 LTL = 0.25 USD

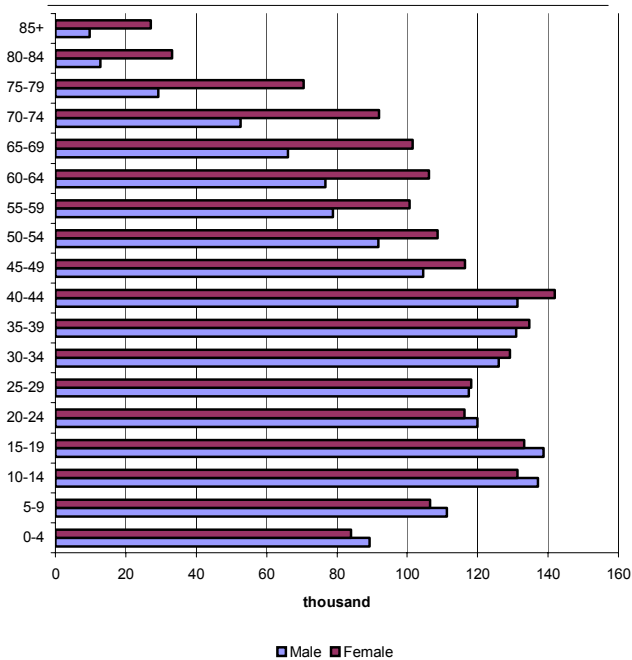
Population by age at 01.01.2002



Estonia

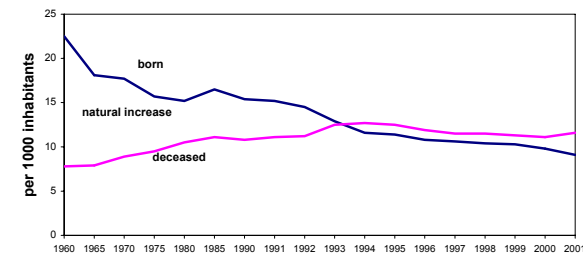
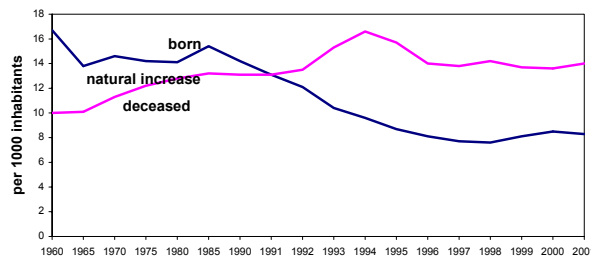
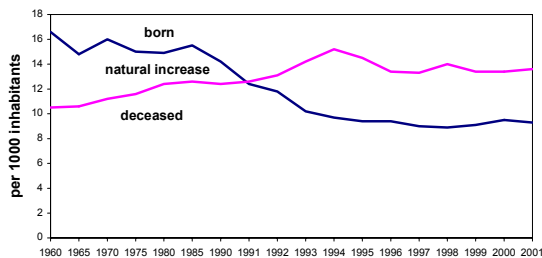


Latvia



Lithuania

Trends of demographics indicators



Health in the Baltic countries

Resident population by age and sex at 01.01.2002

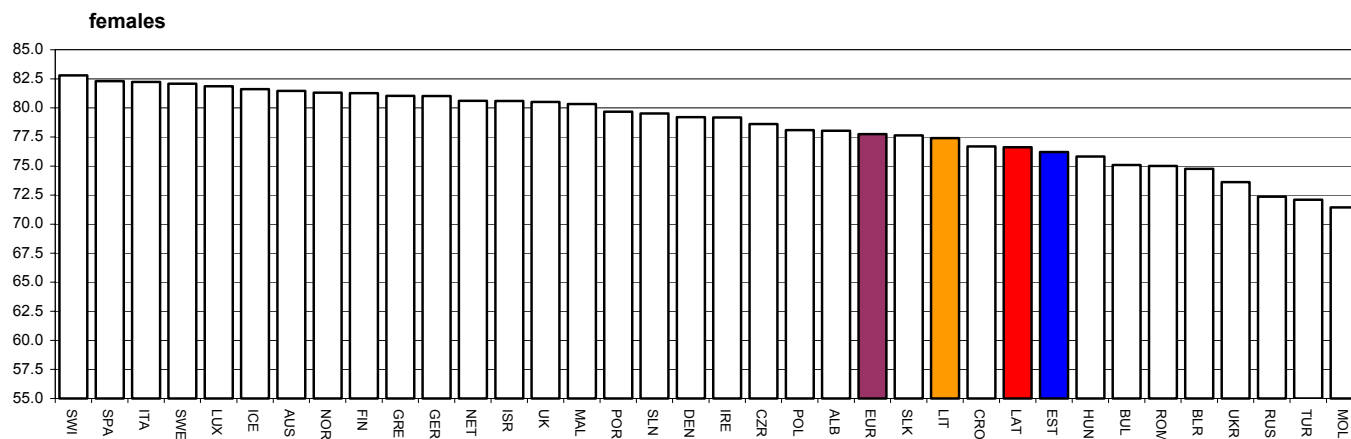
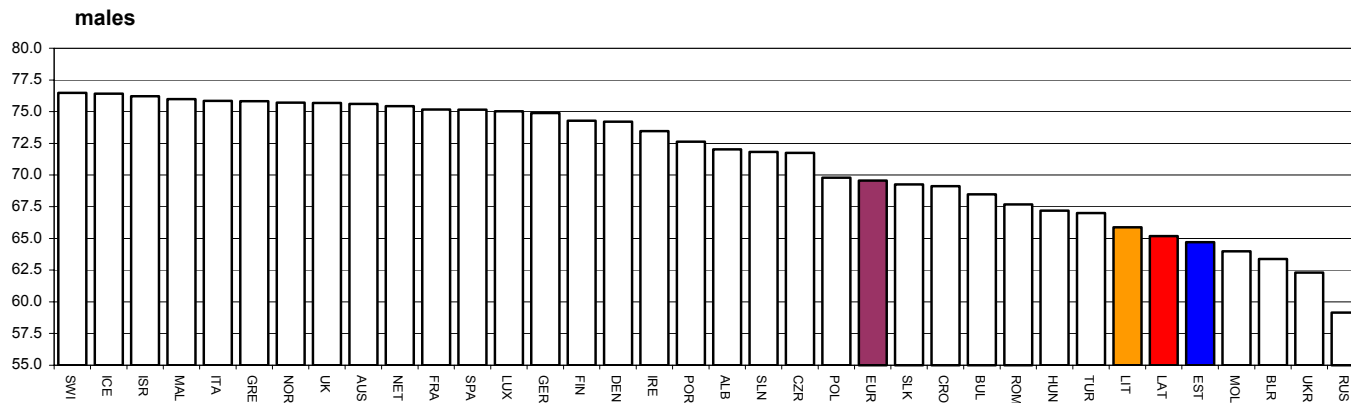
	Estonia						Latvia						Lithuania					
	Total		Males		Females		Total		Males		Females		Total		Males		Females	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	1361242	100.0	627591	100.0	733651	100.0	2345768	100.0	1080116	100.0	1265652	100.0	3475586	100.0	1624478	100.0	1851108	100.0
0-4	61352	4.5	31731	5.1	29621	4.0	95062	4.1	48606	4.5	46456	3.7	173273	5.0	89295	5.5	83978	4.5
5-9	69760	5.1	35728	5.7	34032	4.6	118820	5.1	60851	5.6	57969	4.6	217879	6.3	111343	6.9	106536	5.8
10-14	102717	7.5	52725	8.4	49992	6.8	176596	7.5	90219	8.4	86377	6.8	268407	7.7	137086	8.4	131321	7.1
15-19	105362	7.7	53608	8.5	51754	7.1	184285	7.9	93837	8.7	90448	7.1	271882	7.8	138650	8.5	133232	7.2
20-24	96761	7.1	49447	7.9	47314	6.4	161804	6.9	82272	7.6	79532	6.3	236068	6.8	119913	7.4	116155	6.3
25-29	93296	6.9	46843	7.5	46453	6.3	161573	6.9	81844	7.6	79729	6.3	235679	6.8	117543	7.2	118136	6.4
30-34	92152	6.8	45390	7.2	46762	6.4	160751	6.9	79746	7.4	81005	6.4	255134	7.3	125921	7.8	129213	7.0
35-39	91371	6.7	44451	7.1	46920	6.4	164731	7.0	80828	7.5	83903	6.6	265540	7.6	130914	8.1	134626	7.3
40-44	99450	7.3	47328	7.5	52122	7.1	178716	7.6	86355	8.0	92361	7.3	273266	7.9	131328	8.1	141938	7.7
45-49	95667	7.0	44638	7.1	51029	7.0	157627	6.7	73935	6.8	83692	6.6	220963	6.4	104613	6.4	116350	6.3
50-54	90435	6.6	41192	6.6	49243	6.7	147845	6.3	67530	6.3	80315	6.3	200331	5.8	91668	5.6	108663	5.9
55-59	68459	5.0	30158	4.8	38301	5.2	125360	5.3	54816	5.1	70544	5.6	179366	5.2	78756	4.9	100610	5.4
60-64	83320	6.1	34767	5.5	48553	6.6	148709	6.3	62143	5.6	86566	6.8	182919	5.3	76756	4.7	106163	5.7
65-69	68307	5.0	26781	4.3	41526	5.7	118705	5.1	45716	4.2	72989	5.8	167619	4.8	66146	4.1	101473	5.5
70-74	62571	4.6	22390	3.6	40181	5.5	107740	4.6	38326	3.5	69414	5.6	144635	4.2	52688	3.2	91947	5.0
75-79	42847	3.1	11687	1.9	31160	4.2	74707	3.2	18507	1.7	56200	4.4	99673	2.9	29182	1.8	70491	3.8
80-84	20220	1.5	4975	0.8	15245	2.1	34453	1.5	8591	0.8	25862	2.0	45972	1.3	12837	0.8	33135	1.8
>=85	16754	1.2	3487	0.6	13267	1.8	28284	1.2	5994	0.6	22290	1.8	36980	1.1	9839	0.6	27141	1.5
Unknown	441	0.0	265	0.0	176	0.0	-	-	-	-	-	-	-	-	-	-	-	-

Natality, general mortality and natural increase per 1000 population

Years	Estonia			Latvia			Lithuania		
	Natality	General mortality	Natural increase	Natality	General mortality	Natural increase	Natality	General mortality	Natural increase
1897	29.2*	19.1*	10.1*	30.8	20.6	10.2	-	-	-
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	8.9	14.0	-5.1	7.6	14.2	-6.6	10.4	11.5	-1.1
1999	9.1	13.4	-4.3	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

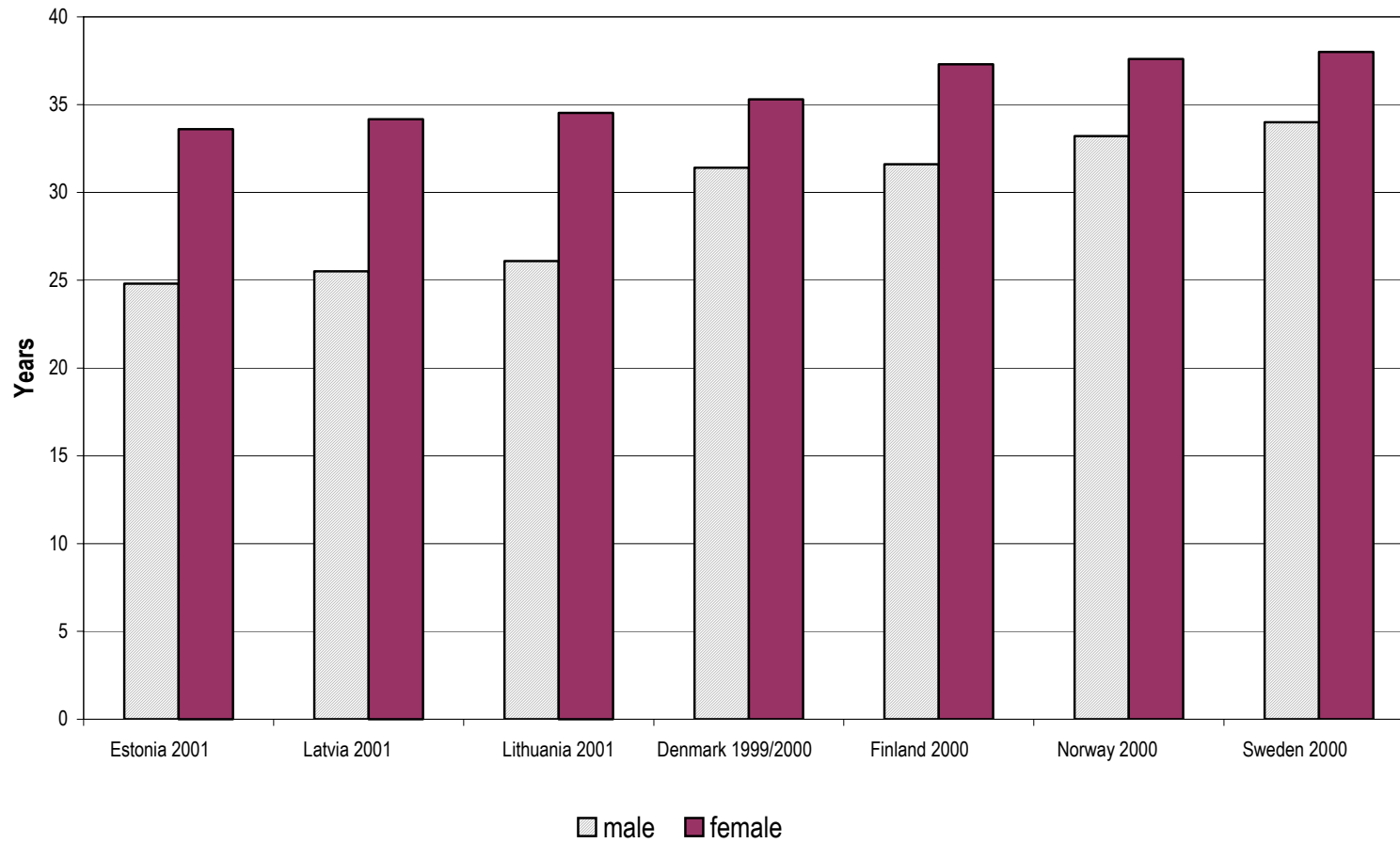
* North Estonia 1896-1900

Life expectancy at birth in European countries*



* WHO data 1997-2000,
Data for Estonia, Latvia and Lithuania - 2001

Life expectancy at the age 45 years

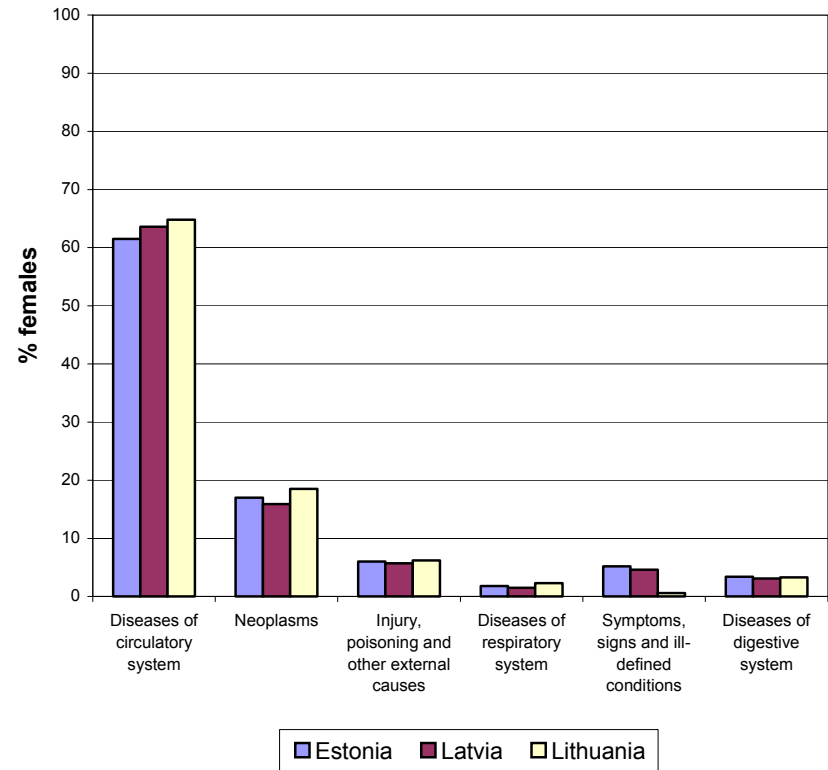
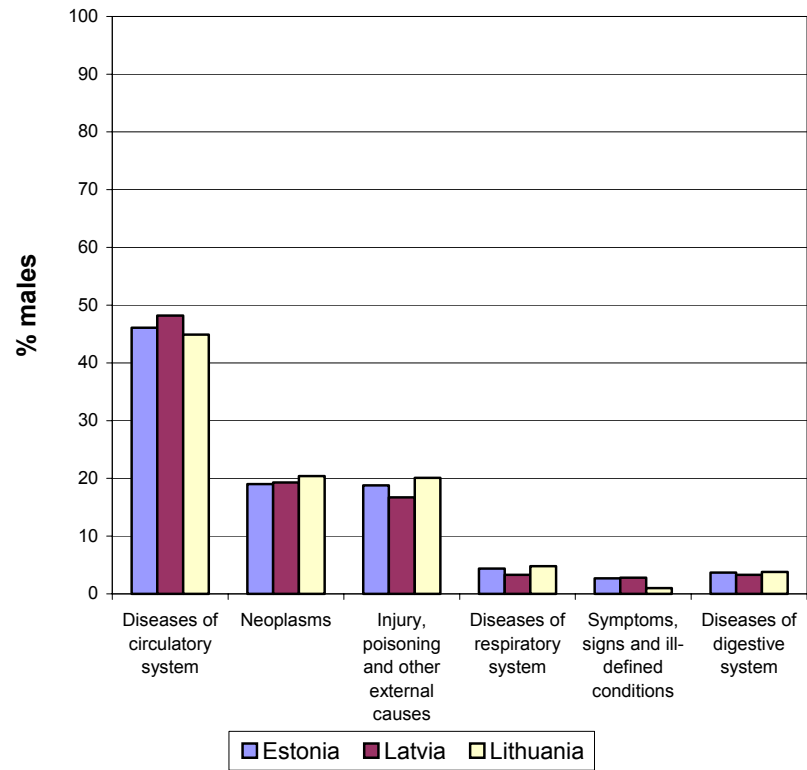


Deaths by cause per 100000 population in 2001

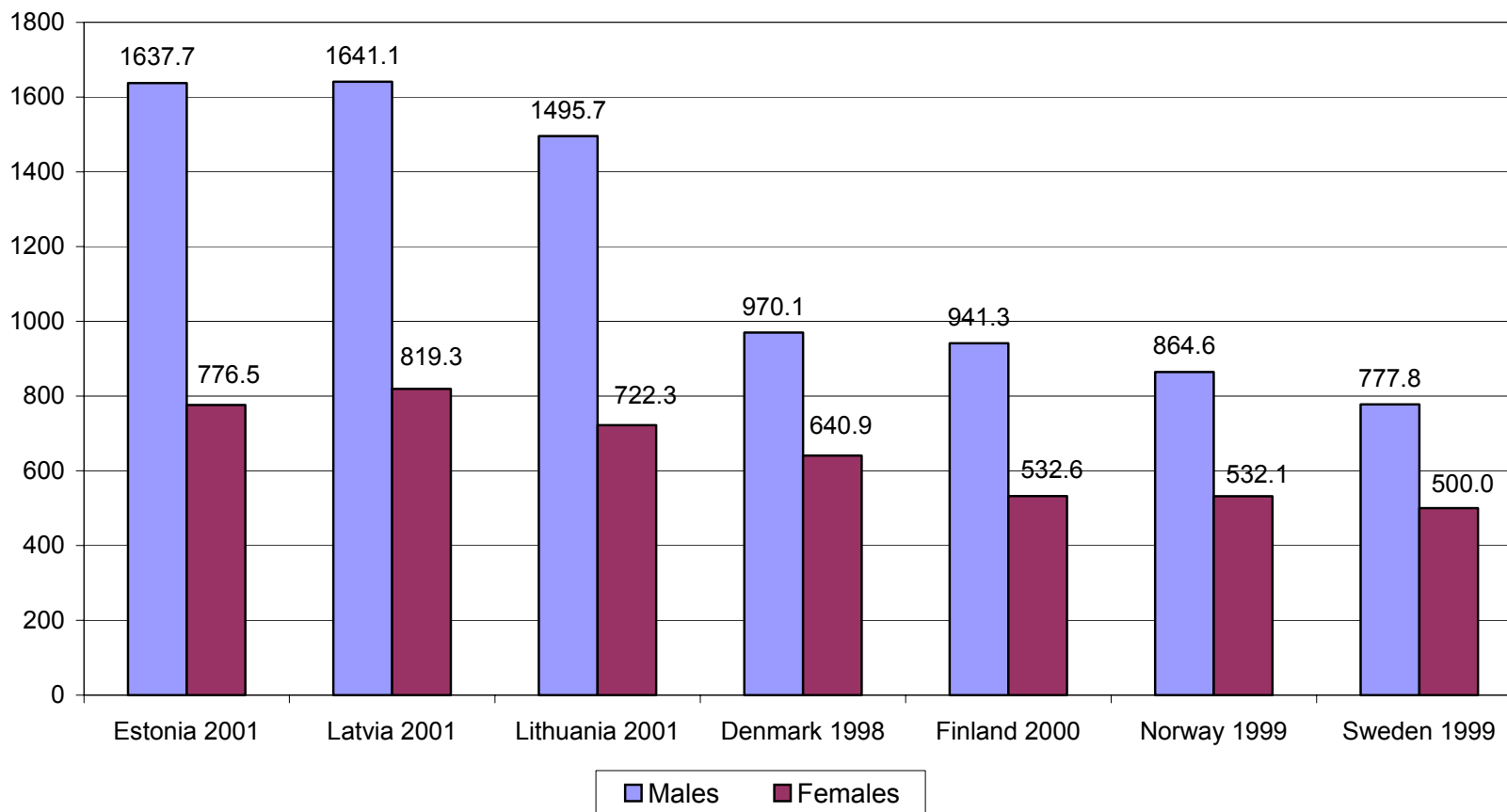
Causes of death	Estonia			Latvia			Lithuania		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Certain infectious and parasitic diseases	10.6	16.2	5.8	16.7	25.9	8.9	13.3	21.4	6.2
Neoplasms	244.3	287.3	207.5	246.4	294.0	205.7	226.7	270.7	188.0
Diseases of the blood and blood forming organs and certain disorders involving the immune mechanisms	0.9	1.0	0.8	1.3	0.7	1.7	0.6	0.7	0.5
Endocrine, nutritional and metabolic diseases	13.2	10.3	15.6	13.2	10.1	16.0	9.0	8.0	9.9
Mental disorders and behavioural disorders	4.8	7.0	2.9	10.7	16.4	5.8	2.7	3.7	1.9
Diseases of the nervous system	17.1	21.8	13.1	14.7	16.6	13.1	9.8	12.7	7.3
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	0.1	0.2	0.1	0.2	0.2	0.2	0.03	0.06	0.0
Diseases of the circulatory system	727.5	698.9	752.0	782.9	734.7	824.1	628.2	594.6	657.7
Diseases of the respiratory system	42.4	66.3	22.0	33.3	50.0	19.0	42.3	63.5	23.7
Diseases of the digestive system	48.8	56.6	42.0	45.1	50.7	40.3	41.2	50.3	33.3
Diseases of the skin and subcutaneous tissue	1.1	1.3	1.0	1.0	0.7	1.2	1.0	1.0	1.1
Diseases of the musculo-skeletal and connective tissue	4.5	1.7	6.8	2.8	2.5	3.1	2.5	1.7	3.2
Diseases of the genito-urinary system	11.1	11.9	10.3	14.3	14.7	13.9	8.3	9.3	7.4
Pregnancy, childbirth and puerperium*	-	-	0.1	-	-	0.4	-	-	0.2
Certain conditions originating in perinatal period	3.7	3.7	3.7	3.8	4.9	2.9	2.1	3.1	1.1
Congenital malformations, deformations and chromosomal abnormalities	3.6	5.4	2.0	5.1	5.8	4.6	4.6	5.5	3.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	53.1	40.5	63.8	51.9	42.3	60.1	9.0	12.6	5.9
Injury, poisoning and certain other consequences of external causes	170.8	284.7	73.3	157.1	254.6	73.8	157.9	266.0	63.0
TOTAL	1357.4	1514.6	1222.9	1400.9	1524.9	1295.1	1160.5	1325.2	1015.8

*) per 100000 females only

Main causes of death in 2001

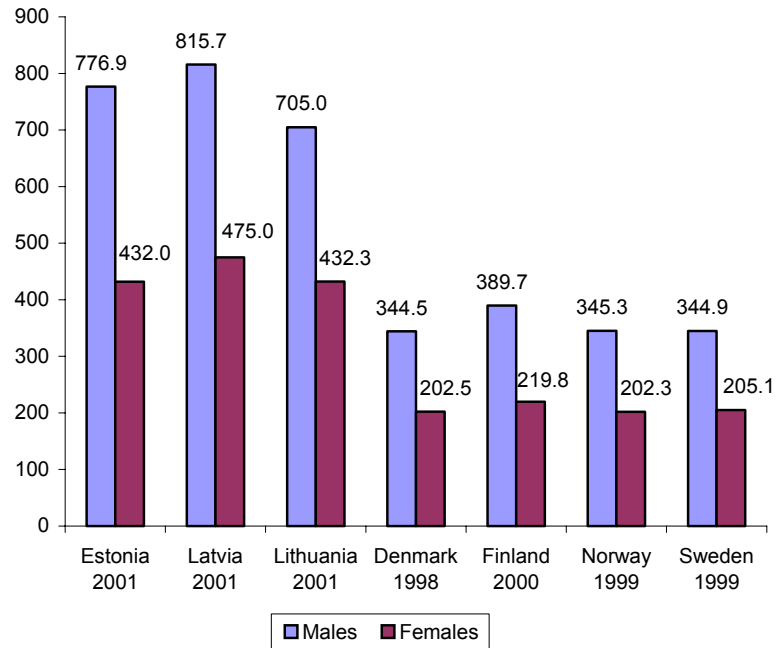


Age-standardized death rates
(per 100000 European standard population)

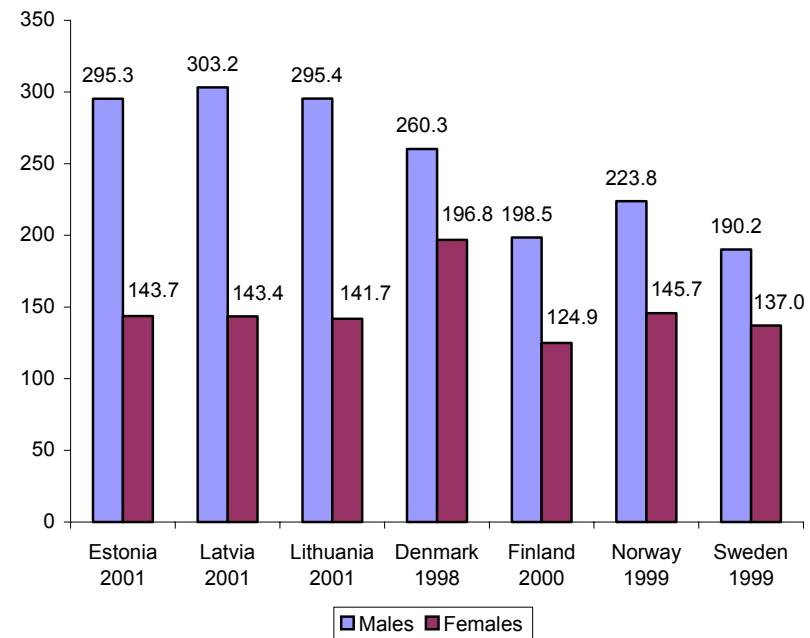


Age-standardized death rates
(per 100000 European standard population)

by diseases of the circulatory system

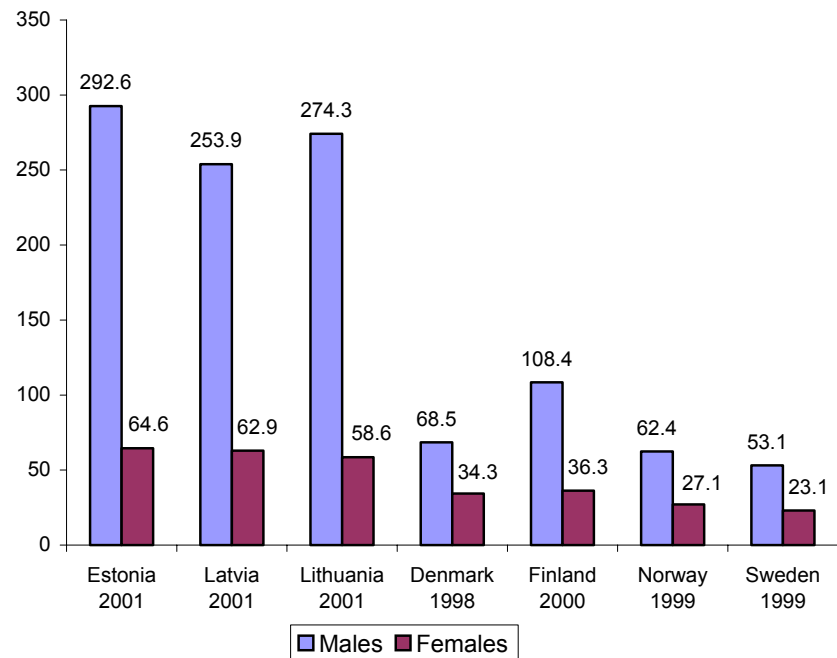


by malignant neoplasms

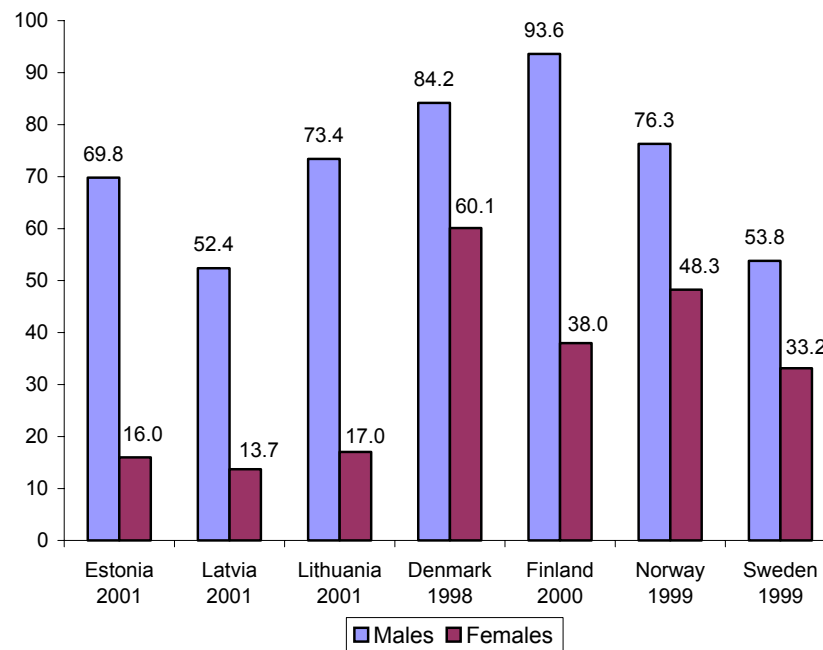


Age-standardized death rates
(per 100000 European standard population)

by accidents, injuries and poisoning

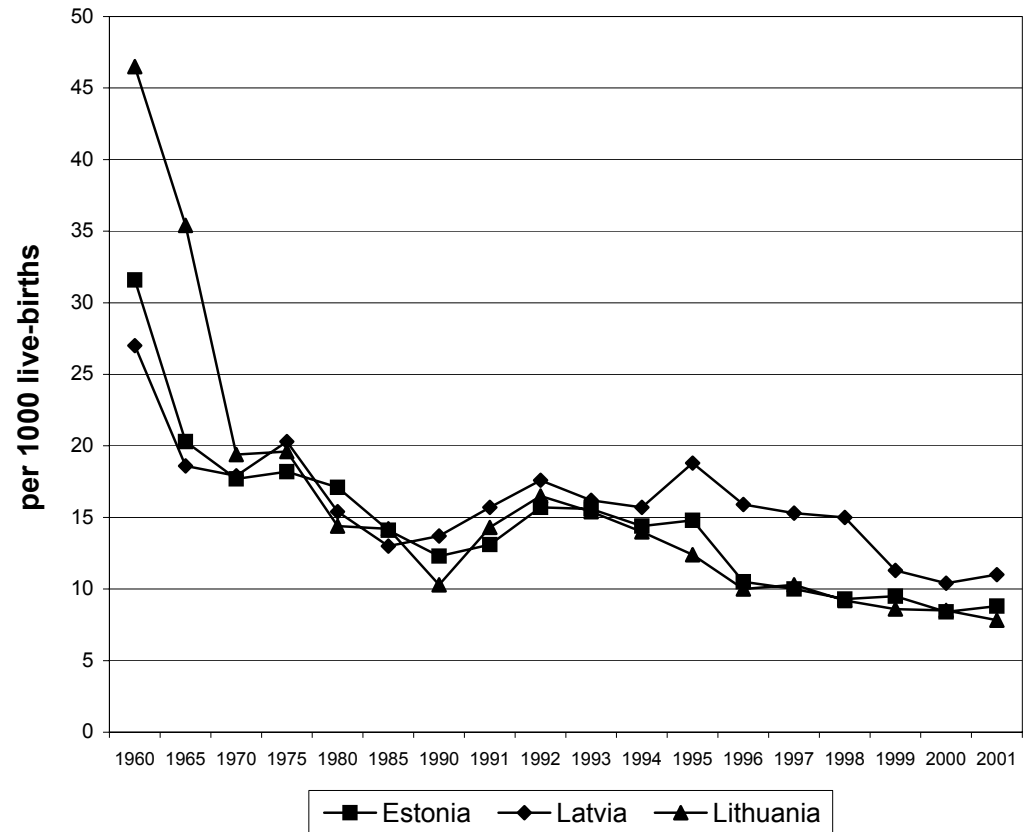


by diseases of the respiratory system

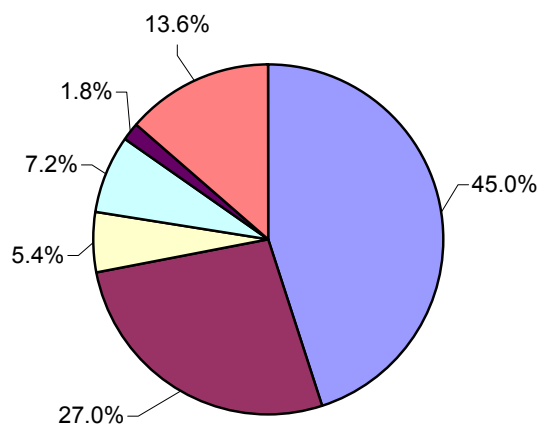


Infant mortality
(per 1000 live-births)

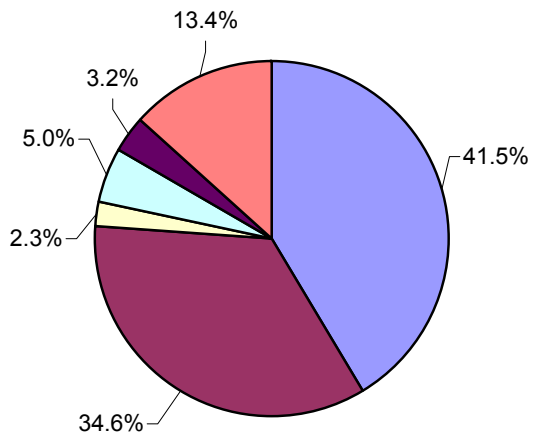
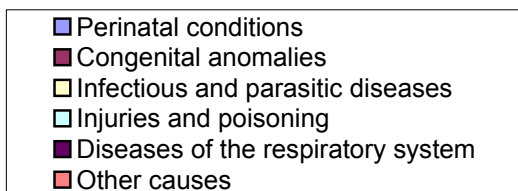
Years	Estonia	Latvia	Lithuania
1925	-	107.2	179.0
1935	-	78.9	-
1940	84.9	74.9	98.5
1960	31.6	27.0	46.5
1965	20.3	18.6	35.4
1970	17.7	17.9	19.4
1975	18.2	20.3	19.6
1980	17.1	15.4	14.4
1985	14.1	13.0	14.2
1990	12.3	13.7	10.3
1991	13.1	15.7	14.3
1992	15.7	17.6	16.5
1993	15.6	16.2	15.4
1994	14.4	15.7	14.0
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



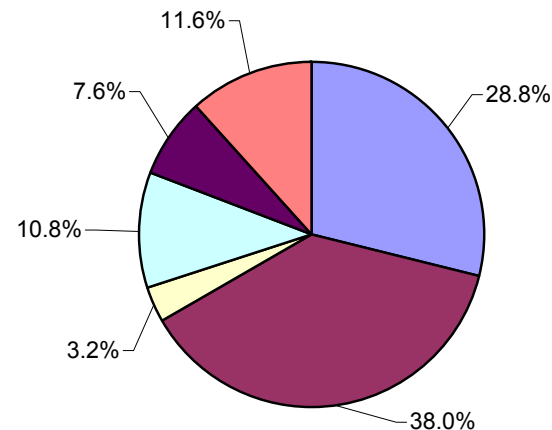
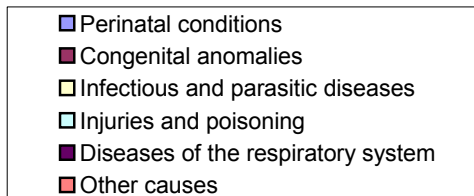
Structure of infant mortality (%) in 2001



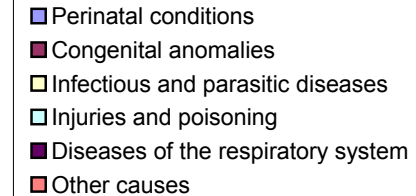
Estonia



Latvia



Lithuania



**Infant mortality by causes
per 10000 live births in 2001**

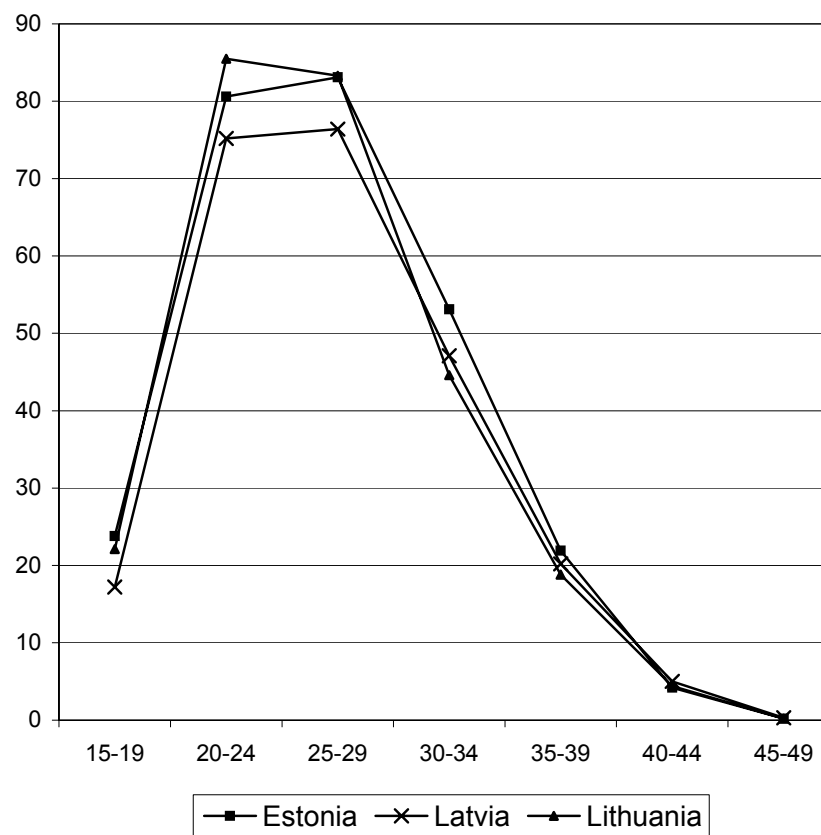
	Estonia		Latvia		Lithuania	
	Rate	%	Rate	%	Rate	%
Certain conditions originating in the perinatal period	39.6	45.0	45.8	41.5	22.5	28.8
Congenital anomalies	23.8	27.0	38.1	34.6	29.7	38.0
Diseases of the respiratory system	1.6	1.8	3.6	3.2	5.9	7.6
Infectious and parasitic diseases	4.8	5.4	2.5	2.3	2.5	3.2
Accidents, injury and poisoning	6.3	7.2	5.6	5.0	8.4	10.8
Diseases of the nervous system and sense organs	4.0	4.5	1.0	0.9	1.9	2.4
Diseases of the digestive system	0.0	0.0	0.5	0.5	0.0	0.0
Other causes	7.9	9.0	13.2	12.0	7.3	9.2
TOTAL	87.9	100.0	110.4	100.0	78.2	100.0

**Perinatal, neonatal and maternal
mortality in 2001**

	Estonia	Latvia	Lithuania
Perinatal mortality per 1000 births	8.0	12.3	8.1
Stillbirth rate per 1000 births	5.4	7.0	5.3
Neonatal mortality per 1000 live births	5.0	7.3	4.1
Early neonatal mortality per 1000 live births	2.5	5.3	2.8
Maternal mortality per 100000 live births	7.9	25.4	12.9
Standard perinatal mortality	5.8	8.8	6.6
Standard still-birth rate	4.1	5.2	4.2

Birth rates by age of mother
per 1000 women in 2001

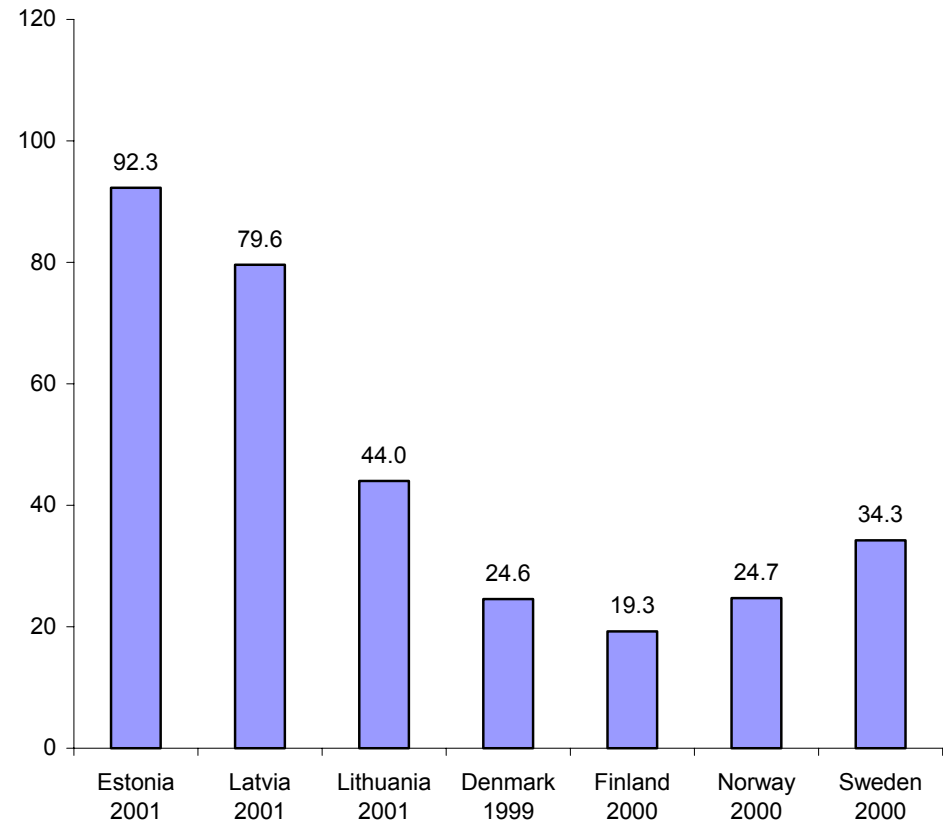
	Estonia	Latvia	Lithuania
Women 15-49 years of age	36.9	33.3	35.5
Of which:			
15-19	23.8	17.2	22.1
20-24	80.6	75.2	85.5
25-29	83.1	76.4	83.3
30-34	53.1	47.1	44.6
35-39	21.9	20.2	18.8
40-44	4.2	5.0	4.4
45-49	0.2	0.3	0.2
Total fertility rate	1.34	1.21	1.29



Abortions in 2001

	Estonia	Latvia	Lithuania
All abortions			
Total number	14055	20265	20513
Per 1000 woman aged 15-49 years	41.0	34.3	23.1
Per 100 live births	111.3	103.1	66.1
Induced abortions			
Total number	11656	15647	13677
Per 1000 woman aged 15-49 years	34.0	26.5	15.4
Per 100 live births	92.3	79.6	44.0
Percentage			
Spontaneous abortions	10.0	16.8	24.7
Legal abortions	81.0	75.0	66.2
Therapeutic abortions	1.9	2.2	0.4
Other abortions	7.1	6.0	8.7

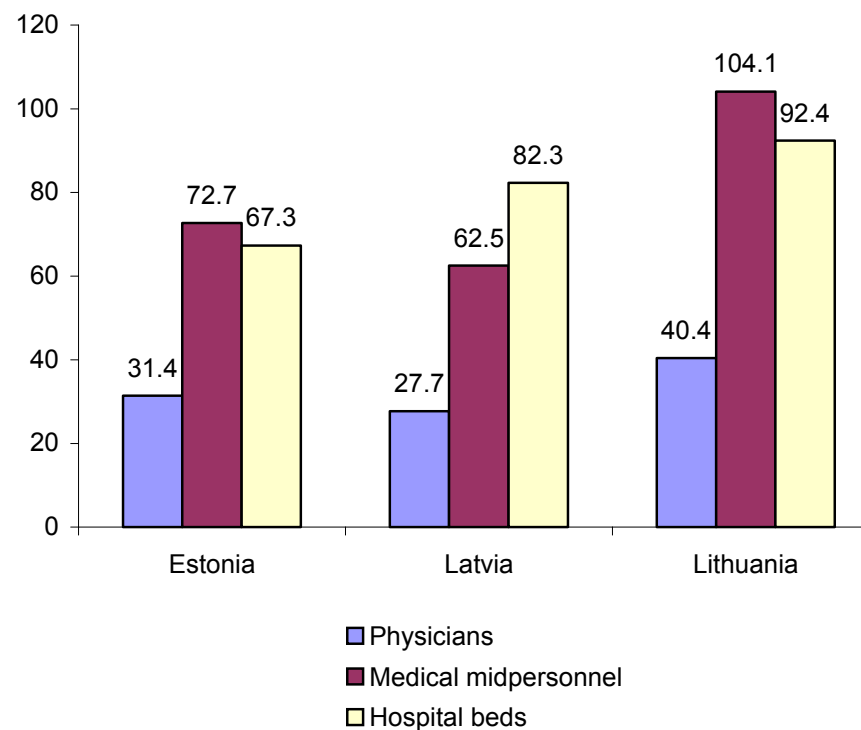
Induced abortions per 100 live births



Health facilities in 2001

	Estonia	Latvia	Lithuania
Hospitals	67	140	197
Hospital beds:			
Thousands	9.2	19.3	32.1
Per 10000 population	67.3	82.3	92.4
Physicians:			
Thousands	4.3	6.5	14.0
Per 10000 population	31.4	27.7	40.4
Dentists:			
Thousands	1.1	1.2	2.5
Per 10000 population	8.0	5.3	7.2
Medical midpersonnel:			
Thousands	9.9	14.7	36.2
Per 10000 population	72.7	62.5	104.1
Hospital admission:			
Thousands	268.7	497.6	836.7
Per 100 population	19.7	21.1	240.3
Physicians visits:			
Millions	8.0	11.2	22.7
Per 1inhabitant	5.9	4.8	6.5

Number of physicians, medical midpersonnel and hospital beds per 10000 population in 2001



Physicians by speciality at the end of 2001

	Estonia		Latvia		Lithuania	
	Number	Per 10000 population	Number	Per 10000 population	Number	Per 10000 population
TOTAL *	4275	31.4	6499	27.7	14031	40.4
of which:						
Family doctors and general practitioners	557**	4.1	970	4.1	897**	2.6
Internal medicine	463	3.4	830	3.5	2869	8.3
Surgery (include orthopaedics)	375	2.8	459	2.0	1147	3.3
Paediatrics	362	2.7	357	1.5	1529	4.4
Gynaecology (include obstetrics)	266	2.0	440	1.9	810	2.3
Oncology	36	0.3	81	0.3	137	0.4
Otolaryngology	96	0.7	161	0.7	300	0.9
Ophthalmology	115	0.8	191	0.8	355	1.0
Anaesthesiology	238	1.7	349	1.5	562	1.6
Neurology	142	1.0	215	0.9	494	1.4
Psychiatry	162	1.2	209	0.9	506	1.5
Narcology	-	-	75	0.3	47	0.1
Tuberculosis	13	0.1	129	0.5	152	0.4
Infectology	24	0.2	48	0.2	79	0.2
Epidemiology	-	-	74	0.3	115	0.3
Dermatology & venerology	80	0.6	112	0.5	195	0.6
Radiology	177	1.3	265	1.1	451	1.3
Pathology	34	0.2	41	0.2	74	0.2
Forensic medicine	23	0.2	43	0.2	78	0.2
Laboratory	134	1.0	223	1.0	121	0.4
Hygiene	90***	0.7	85	0.4	152	0.4
Others	888	6.5	1142	4.9	2961	8.5
* Number of dentists is not included ** Certificated family doctors only *** Hygiene and epidemiology						

Hospital beds by speciality at the end of 2001

	Estonia			Latvia*			Lithuania		
	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%	Number of beds	Per 10000 population	%
TOTAL	9160	67.3	100.0	18695	79.7	100.0	32104	92.4	100.0
Of which									
Internal medicine	2068	15.2	22.6	3423	14.6	18.3	5902	17.0	18.4
Rehabilitation	348	2.6	3.8	471	2.0	2.5	730	2.1	2.3
Surgery (include orthopaedics)	1682	12.4	18.4	3633	15.5	19.4	5694	16.4	17.7
Oncology (include radiology)	257	1.9	2.8	895	3.8	4.8	1158	3.3	3.6
Otolaryngology	136	1.0	1.5	198	0.8	1.1	548	1.6	1.7
Ophthalmology	111	0.8	1.2	195	0.8	1.1	380	1.1	1.2
Obstetrics	376	2.8	4.1	672	2.9	3.6	1365	3.9	4.3
Gynaecology	317	2.3	3.5	638	2.7	3.4	1088	3.1	3.4
Neurology	389	2.9	4.2	1104	4.7	5.9	2105	6.1	6.6
Dermatology & venerology	147	1.1	1.6	135	0.6	0.7	306	0.9	1.0
Infectious	227	1.7	2.5	736	3.1	4.0	866	2.5	2.7
Tuberculosis	315	2.3	3.4	1205	5.1	6.5	2105	6.1	6.6
Paediatrics	473	3.5	5.2	883	3.8	4.7	1840	5.3	5.7
Psychiatry	933	6.9	10.2	3402	14.5	18.2	3986	11.5	12.4
Narcology	-	-	-	395	1.7	2.1	276	0.8	0.9
General & nursing	-	-	-	431	1.8	2.3	3181	9.2	9.9

* Without short term social care beds

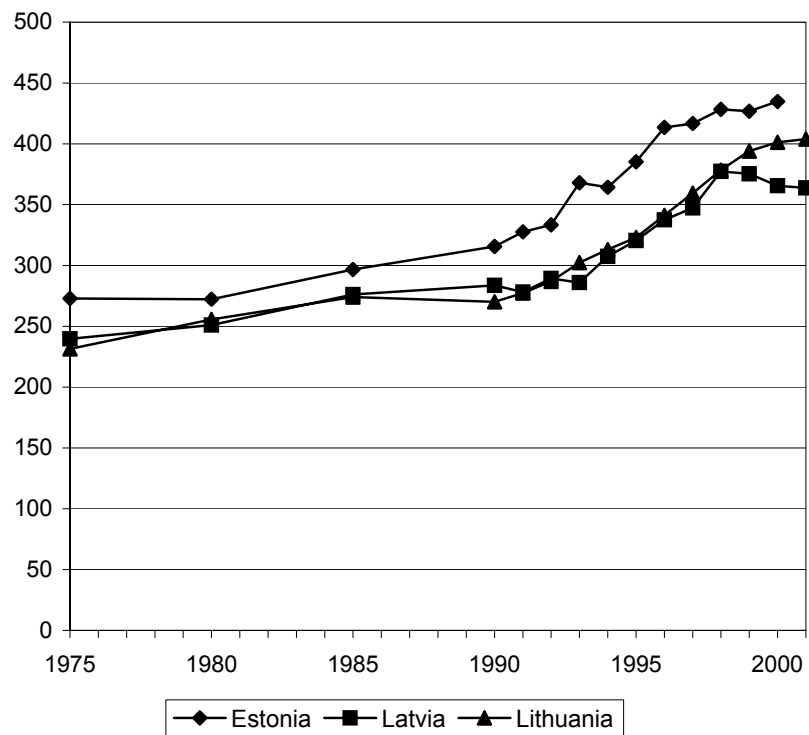
Selected notifiable diseases
per 100000 population in 2001

	Estonia	Latvia	Lithuania
Typhoid fever and paratyphoid	-	-	0.09
Salmonella infections	22.3	35.5	39.9
Bacillary dysentery	31.6	76.1	17.0
Other intestinal infections	248.4	176.4	238.2
Diphtheria	0.1	3.9	-
Whooping cough	23.4	6.8	4.7
Meningococcal infection	1.6	1.2	2.2
Measles	-	0.04	0.2
Tick-borne viral encephalitis	15.8	12.9	8.6
Viral hepatitis	79.9	69.8	18.6
A	6.0	5.1	1.8
B	32.9	35.6	11.0
Acute upper respiratory infections	18787.0	15574.5	12900.2
Influenza	539.8	773.6	2098.9
Malignant neoplasms			
Incidence	434.8*	363.8	403.9
Prevalence	2396.6*	2095.5	1788.5
Tuberculosis			
Incidence (excl. relapses)	42.0	73.4	63.9
Prevalence	45.2	110.9	277.8
Syphilis	30.6	25.2	26.0
Gonorrhoea	50.3	23.4	21.3
AIDS	0.1	1.8	0.1
HIV carrier	108.1	34.2	2.1

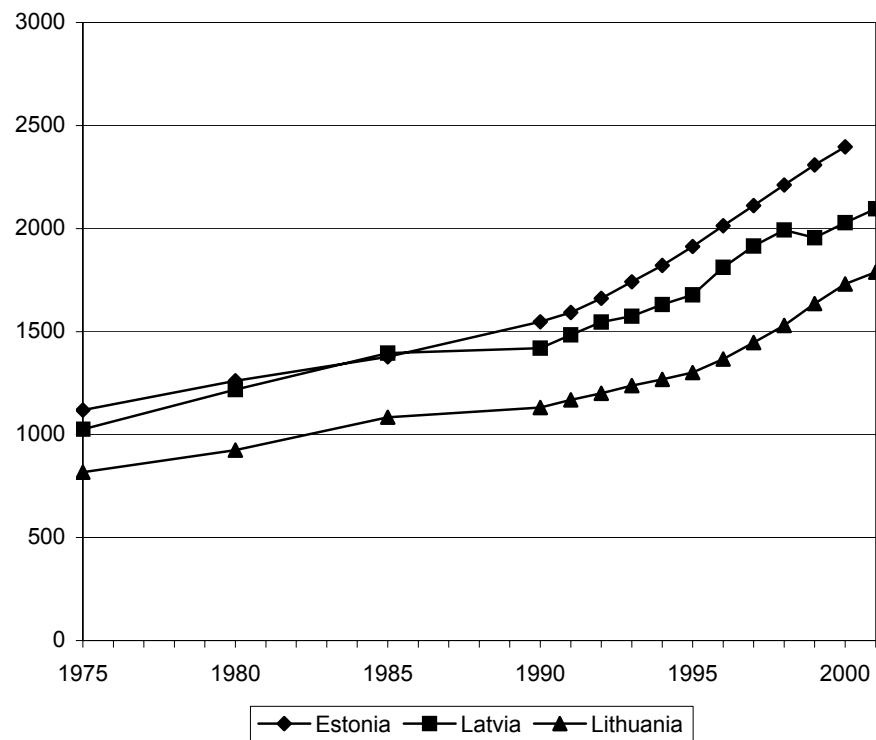
* data for 1999 and 2000

Malignant neoplasms
(per 100000 population)

incidence

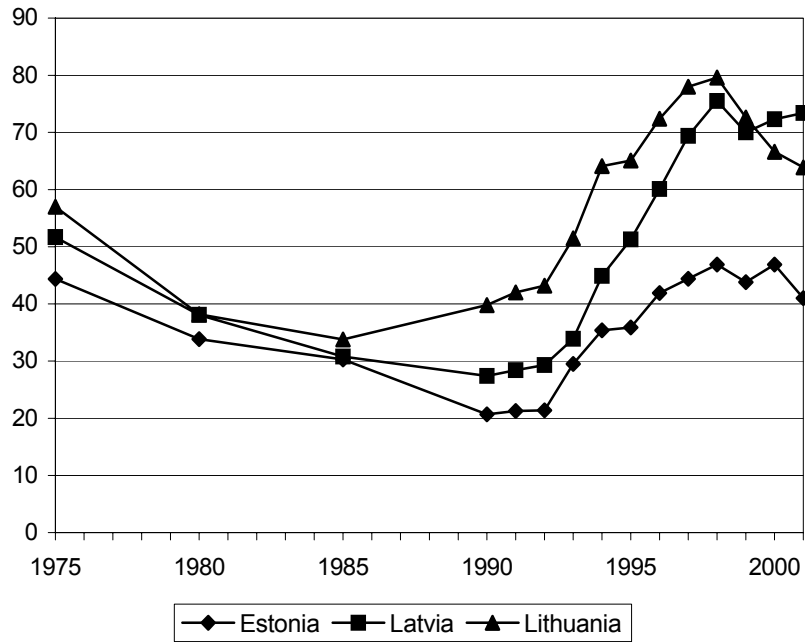


prevalence

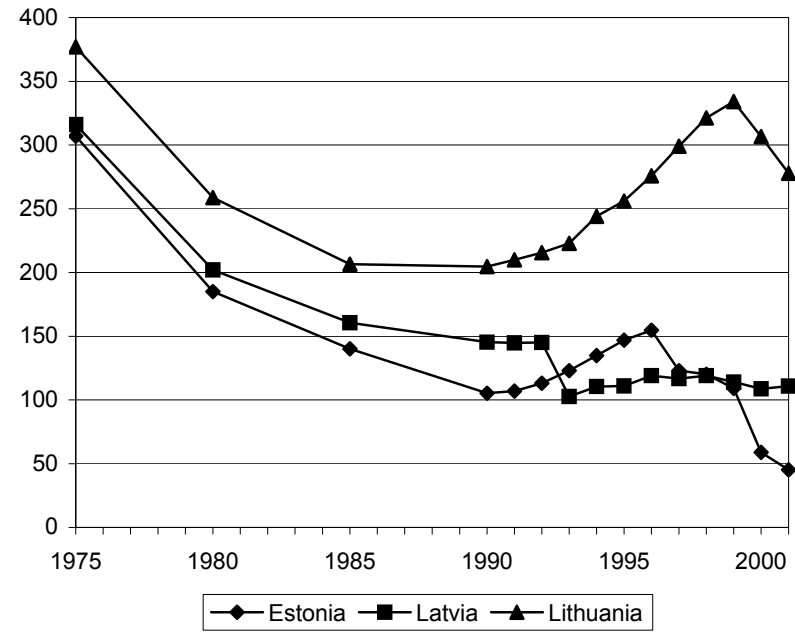


Tuberculosis (per 100000 population)

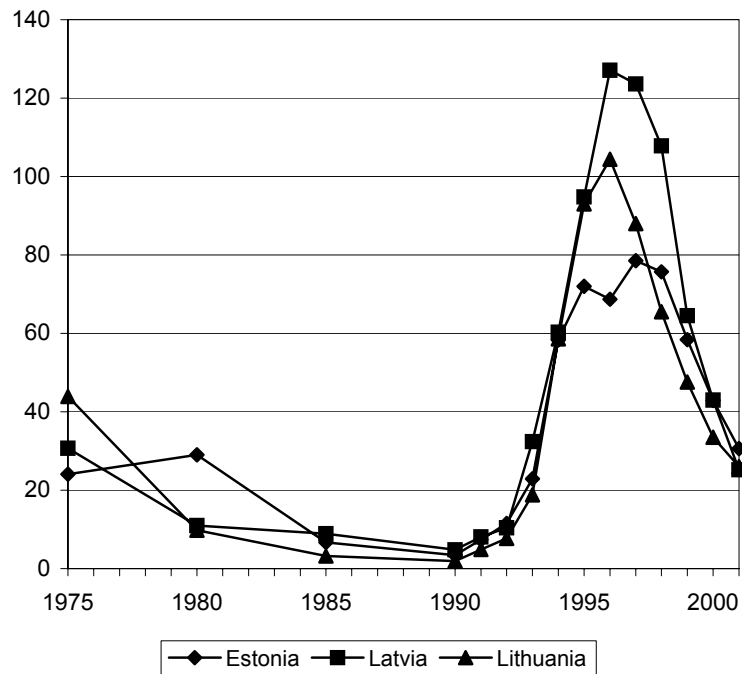
incidence (excl. relapses)



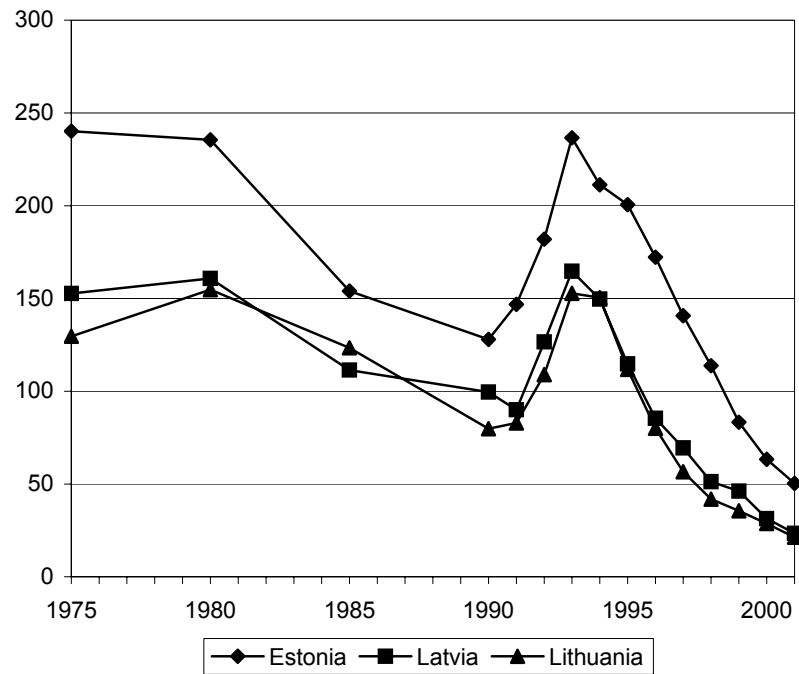
prevalence



Incidence of syphilis
(per 100000 population)



Incidence of gonorrhoea
(per 100000 population)

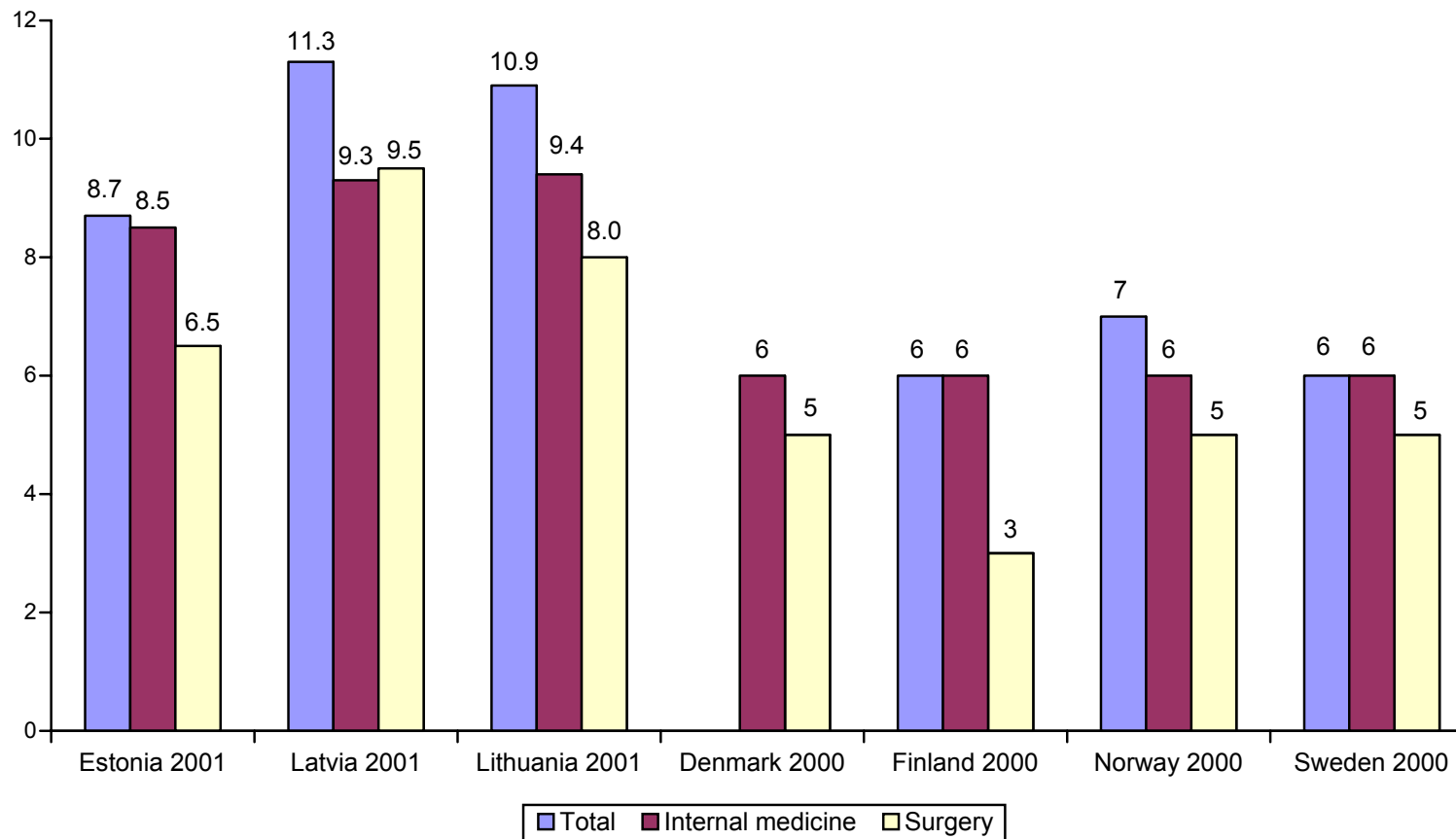


Hospital beds utilization by speciality in 2001

	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	197.0	249.6	68.4	8.7	28.7	212.1	291.2	79.8	11.3	25.3	240.3	277.5	76.0	10.9	25.5
Internal medicine	43.4	255.5	70.0	8.5	29.2	45.5	284.9	78.1	9.2	30.9	48.9	286.3	78.4	9.4	30.5
Rehabilitation	3.1	199.2	54.6	14.7	13.1	3.5	295.7	81.0	18.8	15.7	2.2	298.7	81.8	27.2	11.0
Surgery (include orthopaedics)	46.3	249.6	68.4	6.5	37.6	55.1	282.3	77.3	8.0	35.3	57.3	279.5	76.6	8.0	34.8
Oncology (include radiology)	6.0	257.2	70.5	8.1	31.6	9.6	277.0	75.9	11.0	25.2	8.8	282.4	77.4	11.1	25.5
Otolaryngology	6.5	207.9	57.0	3.1	66.3	3.4	235.5	64.5	6.6	35.5	7.7	236.7	64.9	5.2	45.3
Ophthalmology	3.9	119.9	32.9	2.6	45.9	3.2	213.0	58.4	7.0	30.5	5.6	280.5	76.9	5.8	48.0
Obstetrics	13.4	182.6	50.0	3.5	47.9	10.6	232.8	63.8	6.2	37.4	13.9	194.2	53.2	5.8	33.3
Gynaecology	14.9	162.9	44.6	2.6	61.8	15.7	254.1	69.6	4.5	56.3	16.2	242.1	66.3	4.8	50.1
Neurology	10.2	262.1	71.8	8.6	31.0	14.5	302.9	83.0	10.3	29.5	17.6	291.1	79.8	9.9	29.3
Dermatology & venerology	2.1	218.9	60.0	11.3	19.3	1.2	289.7	79.4	14.6	19.9	1.6	227.5	62.3	12.4	18.3
Infectious	5.9	206.2	56.5	5.9	34.8	10.0	235.3	64.5	7.4	31.9	9.0	259.9	71.2	7.2	36.3
Tuberculosis	0.9	268.3	73.5	64.8	4.1	3.0	344.3	94.3	58.3	5.9	3.2	286.6	78.5	54.7	5.2
Paediatrics	13.3	213.4	58.5	6.0	34.5	12.4	276.6	75.8	8.2	33.6	18.7	258.1	70.7	7.1	36.5
Psychiatry	10.4	311.7	85.4	21.3	14.5	8.2	341.2	93.5	63.3	5.4	9.1	290.8	79.7	35.5	8.2
Narcology	-	-	-	-	-	5.8	249.5	68.4	7.2	34.6	1.6	235.9	64.6	12.9	18.3
General & nursing	-	-	-	-	-	5.1	228.8	62.7	8.7	26.3	6.8	302.2	82.8	40.7	7.4

* Without short-term social care beds

Average length of stay



Discharges by groups of diseases in 2001

	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	14.4	4.7	5.1	20.7	14.7	11.2	5.5	33.8	15.7	9.0	6.1	31.1
Neoplasms	5.2	4.2	18.1	8.4	2.3	10.3	15.3	10.3	2.9	8.9	19.3	11.0
Diseases of the blood and blood forming organs and certain disorders involving the immune mechanisms	1.5	5.3	1.0	9.9	0.9	8.1	0.5	10.9	1.4	6.6	0.7	9.6
Endocrine, nutritional and metabolic diseases	2.1	5.9	4.0	9.7	2.0	7.1	3.7	9.3	2.1	7.3	4.5	10.6
Mental disorders and behavioural disorders	7.0	10.9	13.2	21.8	8.9	24.6	13.7	37.2	3.7	15.4	14.1	29.7
Diseases of the nervous system	8.5	7.6	4.9	10.2	8.6**	8.8**	8.4**	8.8**	5.1	8.7	11.8	11.0
Diseases of the eye and adnexa	1.3	2.6	4.3	2.5	-	-	-	-	3.1	6.8	5.6	6.0
Diseases of the ear and mastoid process	5.6	5.0	1.2	5.4	-	-	-	-	3.6	6.8	1.8	8.4
Diseases of the circulatory system	2.0	4.9	38.8	11.4	2.2	6.0	28.4	10.4	2.5	5.8	51.0	13.2
Diseases of the respiratory system	59.3	5.5	12.9	8.1	54.6	8.3	10.3	9.8	78.8	6.9	17.0	10.4
Diseases of the digestive system	13.2	4.1	19.4	6.4	21.3	5.4	15.6	7.5	24.1	5.1	21.5	8.1
Diseases of the skin and subcutaneous tissue	4.3	5.0	3.7	10.3	5.1	6.4	3.0	8.9	5.8	6.1	4.3	10.5
Diseases of the musculo-skeletal and connective tissue	3.7	6.5	15.2	9.4	5.6	13.7	11.2	10.9	3.8	8.5	13.2	12.0
Diseases of the genitourinary system	7.4	5.0	15.0	5.1	8.3	4.8	13.7	5.8	6.6	6.3	19.1	6.7
Pregnancy, childbirth and puerperium	0.1	4.1	23.8	3.4	5.0	5.2	33.4	5.3	0.05	6.5	24.9	5.1
Certain conditions originating in perinatal period	10.0	8.7	-	-	14.2	8.1	-	-	16.5	7.9	-	-
Congenital malformations, deformations and chromosomal abnormalities	7.1	6.2	0.6	6.4	5.3	9.2	0.3	7.7	6.4	7.6	0.5	9.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3.4	3.4	1.1	5.2	0.6	4.5	0.1	5.6	6.1	26.8	1.1	10.0
Injury, poisoning and certain other consequences of external causes	12.5	4.1	12.7	9.6	19.4	6.0	17.5	8.7	19.4	5.2	22.7	9.3
TOTAL	171.0	5.6	196.4	9.2	176.4	8.8	165.4	11.9	207.6	7.6	239.3	11.5

* Without short term social care beds

** Diseases of the nervous system and organs of senses

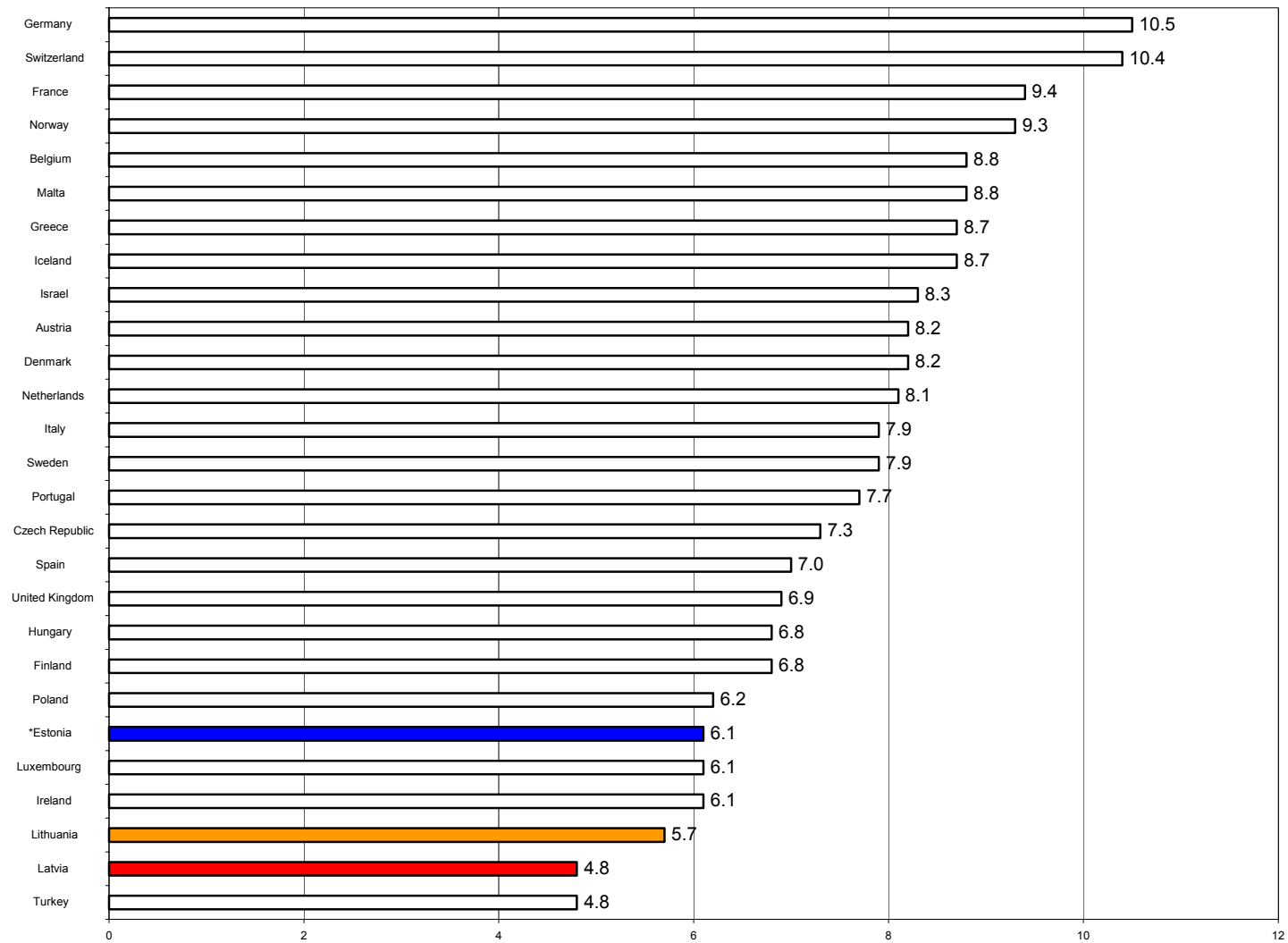
Surgical operations in hospitals in 2001

	Estonia			Latvia			Lithuania		
	Number	Per 100000 population	%	Number	Per 100000 population	%	Number	Per 100000 population	%
TOTAL	87258	6396.7	100.0	144152	6121.1	100.0	256767	7375.6	100.0
On the nervous system	2468	180.9	2.8	3391	144.0	2.4	6399	183.8	2.5
On the endocrine system	565	41.4	0.6	1182	50.2	0.8	1541	44.3	0.6
On the eye	4786	350.9	5.5	5828	247.5	4.0	13668	392.6	5.3
On the ear, throat and nose	10128	742.5	11.6	6271	266.3	4.4	20376	585.3	7.9
On the respiratory system	876	64.2	1.0	1877	79.7	1.3	4318	124.0	1.7
On the heart	1216	89.1	1.4	5234	222.2	3.6	5661	162.6	2.2
On the vessels	3455	253.3	4.0	3506	148.9	2.4	12478	358.4	4.9
On the digestive system	14745	1080.9	16.9	22380	950.3	15.5	43081	1237.5	16.8
On the kidneys and ureter	1194	87.5	1.4	1665	70.7	1.2	4864	139.7	1.9
On the prostate*	1147	182.3	1.3	2130	195.0	1.5	6822	419.1	2.7
On the female genital organs**	10667	1451.1	12.2	22237	1736.4	15.4	38344	2068.6	14.9
Obstetrical operations**	12597	1713.7	14.4	21270	1660.9	14.8	25324	1366.2	9.9
On the musculo-skeletal system	12523	918.0	14.4	23718	1007.1	16.5	36762	1056.0	14.3
On the breast	809	59.3	0.9	2473	105.0	1.7	2974	85.4	1.2
On the skin and subcutaneous tissue	5237	383.9	6.0	13449	571.1	9.3	24043	690.6	9.4
Other procedures	4845	355.2	5.6	7541	321.5	5.2	10112	290.5	3.9

*) Per 100000 male population

***) Per 100000 female population

Total health care expenditures as % of GDP



Note: WHO data 1998-2000; data for Estonia, Latvia and Lithuania – 2001

*Estonia – calculated using the OECD manual

Certain Definitions

Birth -	Uterus muscles contraction to completely expulsion or if necessary extraction of foetus if duration of pregnancy was at least 22 weeks measured from the first day of the last menstruation	Abortion -	Spontaneous or induced (legal, therapeutic, illegal, criminal) abortion is pregnancy termination or artificial extraction of product of conception till 22 nd pregnancy week. In case if foetus keeps alive more then 6 days (6 days 23 hours 59 min.) pregnancy termination is considered as pre-term birth and foetus as pre-term born
Life births -	Foetus, which after birth or extraction from mother breathes or shows other evidence of life whether or not the umbilical cord has been cut		
Term birth -	Live birth in terms from 37 to 42 weeks of pregnancy (259-293 days) measured from the first day of the last menstruation	Foetal death -	Death prior to foetus expulsion or extraction from its mother if pregnancy duration was at least 22 weeks and wasn't terminated by artificial interference; foetus after birth is considered as stillborn
Pre-term birth -	Live birth till completed 36 weeks (till 258 days)	Infant death -	Live-born death during the first year of life
Maternal death -	The death of woman while pregnant irrespective of duration and site of pregnancy or within 42 days after termination of pregnancy from any cause related to pregnancy and labour or its complications as well as disease which was not due to pregnancy but which was aggravated by pregnancy excluding accidental or incidental causes	Neonatal death *) -	Live-born death in the period from 0 till 27 days of life (27 days 23 hours 59 min.)
		Early neonatal death*) -	Live-born death in the period from 0 till 6 days of life (6 days 23 hours 59 min.)
		Perinatal death -	Foetal death and early neonatal death (for international comparison "standard rates" excluding weighing less then 1000g)

* The first day of life is considered as day zero.

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