

**MORTALITY FROM SMOKING  
IN DEVELOPED COUNTRIES  
1950–2000**

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# **LITHUANIA**

**Raw data** (pages 284–85, 286–87)

**Analyses** (pages 288–89, 290–91, 292–93)

**Appendix** (pages 294–95)

## LITHUANIA: 2000

		No. of deaths (Source: WHO)			Standardised rates (defined overleaf)			Annual death rates / 100,000 (zero denoted by -)						
		All ages	0-34	35-69	All ages	0-34	35-69	0-4	5-9	10-14	15-19	20-24	25-29	30-34
ALL CAUSES	M	20408	1610	10401	1390.1	191.5	1785.4	220.6	34.9	31.6	133.2	255.7	281.5	383.0
	F	18511	568	4794	699.3	73.2	638.3	206.7	18.3	21.7	45.0	53.9	63.4	103.3
Tuberculosis	M	292	9	244	19.2	1.0	37.6	-	0.8	-	-	-	3.2	3.1
	F	73	5	42	3.4	0.6	5.3	-	-	-	-	2.6	-	1.6
HIV	M	5	2	3	0.3	0.2	0.4	-	-	-	-	-	0.8	0.8
	F	1	1	-	0.1	0.1	-	-	-	-	-	0.9	-	-
Other infective and parasitic	M	68	15	26	4.5	1.9	4.3	5.3	1.7	-	1.5	1.7	1.6	1.6
	F	51	12	21	2.6	1.7	2.7	8.9	-	-	0.8	-	-	2.3
ALL CANCER	M	4320	59	2492	291.5	6.8	453.5	5.3	4.2	3.6	9.9	5.1	9.7	10.2
	F	3403	84	1647	141.3	9.8	219.1	5.6	2.6	4.5	2.4	12.8	15.1	25.8
Mouth and pharynx cancer	M	206	2	170	14.1	0.2	29.3	-	-	-	0.8	-	0.8	-
	F	40	-	22	1.7	-	3.0	-	-	-	-	-	-	-
Oesophagus cancer	M	122	-	92	8.4	-	15.9	-	-	-	-	-	-	-
	F	24	-	11	0.9	-	1.5	-	-	-	-	-	-	-
Stomach cancer	M	502	3	280	34.1	0.3	50.9	-	-	-	-	-	-	2.4
	F	346	7	139	13.6	0.8	18.6	-	-	-	-	1.7	0.8	3.1
Colorectal cancer	M	423	1	211	28.9	0.1	39.2	-	-	-	-	-	-	0.8
	F	404	1	152	15.4	0.1	20.5	-	-	-	-	0.9	-	-
Liver cancer	M	83	1	44	5.5	0.1	8.2	-	-	-	-	-	0.8	-
	F	50	-	25	2.1	-	3.4	-	-	-	-	-	-	-
Pancreas cancer	M	219	2	124	15.0	0.2	22.5	-	-	-	-	-	-	1.6
	F	185	1	63	6.9	0.1	8.6	-	-	-	-	-	-	0.8
Larynx cancer	M	123	-	98	8.5	-	17.5	-	-	-	-	-	-	-
	F	4	-	2	0.2	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	1178	2	752	78.0	0.2	139.0	-	-	-	-	-	-	1.6
	F	197	2	70	7.5	0.2	9.4	-	-	-	-	-	0.8	0.8
Malignant melanoma	M	31	2	22	2.0	0.2	3.5	-	-	-	-	-	0.8	0.8
	F	55	6	33	2.5	0.7	4.3	-	-	-	-	0.9	1.6	2.3
Female breast cancer	F	549	5	346	24.7	0.6	45.9	-	-	-	-	0.9	-	3.1
Cervix cancer	F	251	18	165	11.8	2.0	20.8	-	-	-	-	-	5.6	8.6
Other uterine cancer	F	150	-	76	6.1	-	10.3	-	-	-	-	-	-	-
Ovarian cancer	F	291	5	167	12.9	0.6	22.1	-	-	0.7	-	-	0.8	2.3
Prostate cancer	M	413	-	125	29.1	-	24.8	-	-	-	-	-	-	-
Bladder cancer	M	175	-	83	11.7	-	15.6	-	-	-	-	-	-	-
	F	52	-	13	1.9	-	1.8	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	595	22	359	39.5	2.6	62.9	2.1	3.3	1.4	2.3	3.4	4.8	0.8
	F	572	21	267	23.5	2.5	35.8	3.3	1.7	3.0	2.4	3.4	2.4	1.6
Hodgkin's disease	M	15	3	10	1.0	0.3	1.8	-	-	-	0.8	0.8	0.8	-
	F	16	4	8	0.8	0.5	1.0	-	-	-	-	2.6	0.8	-
Myeloma and non-Hodgkin lymphomas	M	98	9	51	6.4	1.0	9.4	-	-	2.2	3.0	-	0.8	0.8
	F	87	2	40	3.5	0.2	5.5	-	-	-	-	0.9	0.8	-
Leukaemia	M	137	12	71	9.2	1.5	13.0	3.2	0.8	-	3.0	0.8	0.8	1.6
	F	130	12	48	5.3	1.5	6.5	2.2	0.9	0.7	-	1.7	1.6	3.1
Diabetes	M	99	7	58	6.4	0.8	9.7	-	-	-	-	-	2.4	3.1
	F	142	8	61	5.8	0.9	8.0	-	-	-	-	0.9	3.2	2.3
ALL VASCULAR DISEASE	M	9077	88	3710	642.7	10.1	672.3	2.1	1.7	0.7	2.3	8.5	16.9	38.5
	F	11853	25	1719	408.5	3.1	234.2	7.8	-	0.7	1.6	1.7	3.2	7.0
Rheumatic heart disease and fever	M	108	5	74	7.2	0.6	12.7	-	-	-	-	-	0.8	3.1
	F	142	1	79	5.9	0.1	10.7	-	-	0.7	-	-	-	-
Hypertensive disease	M	131	2	100	8.8	0.2	17.8	-	-	-	-	-	0.8	0.8
	F	149	1	57	5.7	0.1	7.8	-	-	-	-	-	-	0.8
Ischaemic heart disease	M	5685	31	2219	405.2	3.5	405.3	-	-	-	-	1.7	6.5	16.5
	F	6928	1	772	234.3	0.1	105.7	-	-	-	-	-	0.8	-
Pulmonary embolism and other venous	M	125	2	63	8.4	0.2	11.4	-	-	-	0.8	-	-	0.8
	F	150	1	60	5.7	0.1	8.2	-	-	-	-	-	0.8	-
Cerebrovascular disease	M	1764	9	630	125.1	1.1	117.4	1.1	-	-	-	0.8	-	5.5
	F	3133	6	514	108.2	0.7	70.0	-	-	-	0.8	-	0.8	3.1
Other vascular disease	M	1264	39	624	88.1	4.5	107.6	1.1	1.7	0.7	1.5	5.9	8.9	11.8
	F	1351	15	237	48.6	2.0	31.8	7.8	-	-	0.8	1.7	0.8	3.1
Chronic obstructive pulmonary disease	M	710	3	241	49.6	0.3	46.4	-	-	0.7	-	-	-	1.6
	F	340	-	75	12.1	-	10.2	-	-	-	-	-	-	-
Other respiratory disease	M	338	31	178	22.9	4.0	29.9	13.7	-	0.7	2.3	2.5	2.4	6.3
	F	172	19	59	7.5	2.8	7.8	15.6	-	0.7	-	0.9	0.8	1.6
Peptic ulcer	M	99	4	68	6.5	0.5	12.2	-	-	0.7	-	0.8	1.6	-
	F	69	-	16	2.5	-	2.2	-	-	-	-	-	-	-
Liver cirrhosis	M	340	17	298	22.2	1.9	46.9	-	-	-	-	1.7	4.0	7.8
	F	199	3	156	9.9	0.3	20.3	-	-	-	-	0.9	-	1.6
Renal disease	M	122	3	55	8.6	0.3	9.5	-	-	-	0.8	0.8	0.8	-
	F	140	5	45	5.2	0.6	6.1	-	-	-	-	-	2.4	1.6
Pregnancy, birth	F	3	2	1	0.2	0.2	0.1	-	-	-	-	1.7	-	-
Congenital and perinatal causes	M	138	127	10	11.0	18.6	1.4	121.8	1.7	3.6	1.5	0.8	-	0.8
	F	139	128	8	11.5	19.8	1.0	128.9	1.7	2.2	2.4	1.7	-	1.6
Ill-defined causes	M	189	34	119	12.5	4.1	18.1	7.4	0.8	-	1.5	5.1	4.8	9.4
	F	111	12	34	4.6	1.5	4.4	3.3	-	0.7	-	1.7	1.6	3.1
Other medical causes	M	666	70	365	44.5	8.3	60.5	11.6	2.5	2.2	4.6	4.2	12.1	21.2
	F	658	45	232	26.8	5.8	30.9	14.4	5.2	3.7	3.2	5.1	1.6	7.0
ALL NON-MEDICAL CAUSES	M	3945	1141	2534	247.9	132.5	382.6	53.6	21.6	19.4	108.8	224.4	221.0	278.6
	F	1157	219	678	57.4	25.9	85.8	22.2	8.7	9.0	34.8	23.1	35.7	47.7
Road traffic accidents	M	571	256	280	34.5	29.4	41.3	4.2	10.8	6.5	37.3	56.7	37.1	53.4
	F	155	49	76	7.7	5.7	9.6	1.1	3.5	3.7	11.1	6.8	5.6	7.8
Fire	M	115	31	72	7.5	3.8	11.2	8.4	-	-	0.8	4.2	3.2	10.2
	F	36	1	20	1.6	0.1	2.6	-	0.9	-	-	-	-	-
Suicide	M	1317	358	874	83.0	41.1	130.4	-	0.8	3.6	28.2	79.6	77.4	98.1
	F	314	56	195	15.6	6.4	24.2	-	-	-	15.8	4.3	11.1	13.3
Homicide	M	250	85	151	15.6	9.8	22.2	2.1	-	0.7	7.6	13.5	20.2	24.3
	F	95	24	50	4.9	2.9	6.1	3.3	-	0.7	0.8	2.6	4.0	8.6
<b>POPULATION:</b>			<b>M=male</b>											
<b>(1000s; UN, 2004 revision)</b>			<b>F=female</b>											
				1637.4	855.9	678.8		95.2	120.4	139.4	131.4	118.1	124.0	127.4
				1862.1	836.0	806.1		90.0	115.0	133.7	126.6	116.8	126.1	127.8

## 2000: LITHUANIA

Annual death rates / 100,000 (zero denoted by -)										9th ICD/10th ICD categories		
35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+/NK			
469.7	681.0	1082.0	1554.3	2067.6	2789.9	3853.3	5417.0	7637.6	14803.4	M	ALL CAUSES	001-999/A00-Y89
132.3	202.1	377.1	468.3	727.4	991.6	1569.2	2609.9	4395.2	12829.2	F		
19.2	34.1	33.2	45.2	54.3	45.1	31.8	33.6	45.3	38.5	M	Tuberculosis	010-018, 137/ A15-A19, B90
3.6	3.7	5.3	6.6	9.5	4.7	4.0	10.8	16.6	8.2	F		
-	-	2.0	1.1	-	-	-	-	-	-	M	HIV	279.5, 279.6/B20-B24
-	-	-	-	-	-	-	-	-	-	F		
1.5	3.2	1.0	5.7	3.6	6.4	9.1	21.7	38.3	21.4	M	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
1.4	2.2	0.9	0.9	4.7	2.8	5.9	7.5	7.5	9.9	F		
31.8	72.2	168.8	371.0	545.9	809.3	1175.5	1505.9	1864.1	2017.1	M	ALL CANCER	140-208/C00-C97
33.3	73.3	148.0	177.9	261.2	359.8	480.2	612.1	767.7	977.0	F		
1.5	4.8	23.4	43.0	39.9	50.3	42.4	29.6	41.8	29.9	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	1.8	2.8	7.6	4.7	4.0	5.4	10.6	9.9	F		
-	5.6	10.7	18.1	29.0	21.9	25.7	21.7	38.3	34.2	M	Oesophagus cancer	150/C15
-	0.7	0.9	-	-	5.6	3.0	3.2	3.0	13.1	F		
5.2	11.1	11.7	41.9	66.4	85.1	134.6	162.1	250.9	277.8	M	Stomach cancer	151/C16
3.6	4.4	12.3	13.2	17.1	28.0	51.4	61.4	83.0	144.5	F		
1.5	4.0	12.7	28.3	49.5	59.3	119.5	166.0	202.1	294.9	M	Colorectal cancer	153, 154/C18-C21
2.2	4.4	7.0	8.5	30.4	35.5	55.3	75.4	117.6	169.1	F		
-	1.6	2.0	5.7	7.2	18.0	22.7	37.5	41.8	29.9	M	Liver cancer	155.0, 155.1/C22
-	0.7	1.8	1.9	4.7	8.4	5.9	11.9	7.5	14.8	F		
2.2	1.6	2.9	29.4	33.8	37.4	49.9	79.1	104.5	98.3	M	Pancreas cancer	157/C25
-	0.7	3.5	3.8	10.4	18.7	22.7	42.0	58.8	70.6	F		
-	0.8	8.8	24.9	21.7	36.1	30.3	17.8	24.4	38.5	M	Larynx cancer	161/C32
-	-	-	-	0.9	0.9	-	1.1	1.5	-	F		
3.7	16.7	54.6	82.6	164.3	264.2	387.3	444.7	442.5	307.7	M	Lung cancer	162/C33, C34
0.7	2.2	6.2	5.7	8.5	17.8	24.7	44.2	60.3	72.2	F		
3.0	0.8	1.0	4.5	6.0	7.7	1.5	9.9	-	8.5	M	Malignant melanoma	172/C43
0.7	4.4	1.8	2.8	5.7	4.7	9.9	7.5	7.5	6.6	F		
5.8	14.1	41.4	51.1	60.8	70.1	78.1	76.5	93.5	106.7	F	Female breast cancer	174/C50
9.4	22.2	31.7	12.3	17.1	20.6	32.6	32.3	31.7	27.9	F	Cervix cancer	180/C53
-	2.2	3.5	4.7	17.1	19.6	24.7	24.8	46.8	32.8	F	Other uterine cancer	179, 182/C54, C55
4.3	6.7	15.0	30.3	26.6	36.4	35.6	52.8	42.2	69.0	F	Ovarian cancer	183.0/C56
-	0.8	1.0	5.7	22.9	38.7	104.4	148.2	348.4	482.9	M	Prostate cancer	185/C61
0.7	3.2	2.0	10.2	10.9	32.2	49.9	83.0	97.6	94.0	M	Bladder cancer	188/C67
-	0.7	-	0.9	1.9	2.8	5.9	12.9	12.1	31.2	F		
10.3	18.3	33.2	60.0	66.4	114.7	137.7	229.2	174.2	205.1	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
5.8	8.1	16.7	30.3	37.0	62.6	89.9	117.5	129.7	146.1	F	Hodgkin's disease	201/C81
-	-	-	2.3	3.6	5.2	1.5	4.0	-	-	M		
0.7	0.7	-	1.9	0.9	2.8	-	2.2	1.5	1.6	F		
2.2	2.4	2.0	7.9	2.4	12.9	36.3	29.6	38.3	51.3	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	-	0.9	2.8	9.5	11.2	13.8	20.5	25.6	14.8	F	Leukaemia	204-208/C91-C95
1.5	0.8	2.9	6.8	21.7	25.8	31.8	43.5	59.2	64.1	M		
-	0.7	3.5	4.7	4.7	9.3	22.7	20.5	34.7	46.0	F		
4.4	2.4	7.8	10.2	14.5	9.0	19.7	53.4	17.4	8.5	M	Diabetes	250/E10-E14
2.9	3.0	1.8	5.7	12.3	19.6	10.9	31.3	37.7	31.2	F		
62.8	142.9	270.2	475.1	783.8	1175.3	1795.8	2832.0	4435.5	10995.7	M	ALL VASCULAR DISEASE	390-459/I00-I99
13.7	25.2	72.2	120.2	236.5	380.4	791.5	1590.5	3069.4	10834.2	F		
3.0	4.0	7.8	12.4	16.9	19.3	25.7	27.7	17.4	42.7	M	Rheumatic heart disease and fever	390-398/I00-I09
1.4	-	1.8	8.5	15.2	26.2	21.7	26.9	30.2	27.9	F		
1.5	4.0	6.8	20.4	20.5	34.8	36.3	29.6	24.4	29.9	M	Hypertensive disease	401-405/I10-I15
-	-	3.5	5.7	9.5	11.2	24.7	32.3	43.7	52.5	F		
28.1	71.4	156.1	291.9	468.6	704.9	1116.5	1784.6	2832.8	7346.2	M	Ischaemic heart disease	410-414/I20-I25
3.6	8.1	21.1	45.4	84.5	188.8	388.3	872.8	1705.9	6919.5	F		
2.2	0.8	7.8	3.4	13.3	21.9	30.3	43.5	83.6	59.8	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
0.7	1.5	0.9	6.6	4.7	10.3	32.6	31.3	37.7	57.5	F		
7.4	21.4	33.2	45.2	135.3	208.8	370.7	579.1	1062.7	2252.1	M	Cerebrovascular disease	430-438/I60-I69
4.3	8.1	27.3	29.3	64.6	104.7	252.0	470.9	957.8	2530.4	F		
20.7	41.3	58.5	101.8	129.2	185.6	216.3	367.6	414.6	1265.0	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
3.6	7.4	17.6	24.6	57.9	39.3	72.1	156.3	294.1	1246.3	F		
-	4.8	6.8	18.1	39.9	87.6	167.9	304.3	432.1	803.4	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
1.4	-	7.0	5.7	7.6	15.9	33.6	53.9	107.1	236.5	F		
7.4	13.5	19.5	29.4	41.1	51.5	46.9	102.8	149.8	145.3	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
2.9	3.0	1.8	5.7	11.4	12.1	17.8	18.3	37.7	85.4	F		
1.5	4.0	2.9	6.8	14.5	27.1	28.7	21.7	38.3	21.4	M	Peptic ulcer	531-533/K25-K27
-	-	-	3.8	1.9	4.7	4.9	9.7	18.1	52.5	F		
19.9	33.3	52.7	47.5	61.6	61.9	51.4	33.6	17.4	12.8	M	Liver cirrhosis	571/K70, K74
3.6	11.8	21.1	26.5	30.4	27.1	21.7	21.6	19.6	11.5	F		
3.7	1.6	4.9	9.0	15.7	10.3	21.2	25.7	83.6	115.4	M	Renal disease	580-590/N00-N19
-	1.5	2.6	0.9	3.8	15.0	18.8	31.3	36.2	60.8	F		
0.7	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099 740-779/A33, P00-P96, Q00-Q99
1.5	2.4	2.0	1.1	-	1.3	1.5	2.0	-	-	M	Ill-defined causes	780-799/R00-R99
1.4	0.7	-	2.8	-	-	2.0	2.2	-	1.6	F		
14.0	12.7	17.6	28.3	13.3	25.8	15.1	23.7	41.8	51.3	M		
1.4	3.0	1.8	2.8	5.7	10.3	5.9	8.6	21.1	70.6	F		
20.7	34.9	41.0	65.6	65.2	82.5	113.5	175.9	236.9	316.2	M	Other medical causes	Rest of 001-799/ rest of A00-R99
9.4	4.4	17.6	21.8	46.5	46.7	70.2	113.1	162.9	275.9	F		
281.4	319.0	451.7	440.0	414.3	396.9	375.2	280.6	236.9	256.4	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
56.4	70.3	96.9	87.0	95.9	92.5	101.8	99.1	93.5	174.1	F		
45.1	36.5	44.9	36.2	44.7	33.5	48.4	33.6	31.4	38.5	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
5.8	9.6	8.8	6.6	9.5	11.2	15.8	15.1	12.1	13.1	F		
5.2	6.3	16.6	12.4	16.9	10.3	10.6	13.8	10.5	8.5	M	Fire	E890-E899/X00-X09
0.7	-	5.3	0.9	2.8	4.7	4.0	4.3	6.0	11.5	F		
93.1	117.5	162.9	174.2	146.1	116.0	102.9	88.9	48.8	111.1	M	Suicide	E950-E959/X60-X84
24.6	21.5	33.5	18.9	26.6	25.2	18.8	29.1	24.1	32.8	F		
14.8	22.2	35.1	30.5	21.7	11.6	19.7	9.9	24.4	8.5	M	Homicide	E960-E969/ X85-X99, Y00-Y09
5.8	8.1	8.8	9.5	5.7	1.9	3.0	3.2	10.6	18.1	F		
135.4	126.0	102.5	88.4	82.8	77.6	66.1	50.6	28.7	23.4	M	POPULATION	
138.3	135.1	113.5	105.7	105.3	107.0	101.2	92.8	66.3	60.9	F	(1000s; UN, 2004 revision)	

<b>LITHUANIA: 1995, 2000</b>
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**Male smoking-attributed deaths (Sm.) and total deaths (Total)**

		ALL CAUSES	ALL CANCER	Lung cancer	Upper aero-digestive ca. (see below)	Other cancer	COPD	Other respiratory	Vascular disease	Liver cirrhosis	Other medical	Non-medical
<b>1995</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	2200	88	3	1	84	5	46	133	24	518	1386
35-69	Sm.	4549	1528	912	295	321	323	88	1894	-	716	-
	Total	13545 (34%)	2786 (55%)	958 (95%)	396 (74%)	1432 (22%)	384 (84%)	206 (43%)	4804 (39%)	268	1652 (43%)	3445
70+	Sm.	1524	477	314	40	123	350	7	632	-	58	-
	Total	8538 (18%)	1435 (33%)	347 (90%)	68 (59%)	1020 (12%)	495 (71%)	50 (14%)	5705 (11%)	25	494 (12%)	334
Any age	Sm.	6073	2005	1226	335	444	673	95	2526	-	774	-
	Total	24283 (25%)	4309 (47%)	1308 (94%)	465 (72%)	2536 (18%)	884 (76%)	302 (31%)	10642 (24%)	317	2664 (29%)	5165
<b>2000</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	1610	59	2	2	55	3	31	88	17	271	1141
35-69	Sm.	3038	1208	705	249	254	195	63	1230	-	342	-
	Total	10401 (29%)	2492 (48%)	752 (94%)	360 (69%)	1380 (18%)	241 (81%)	178 (35%)	3710 (33%)	298	948 (36%)	2534
70+	Sm.	1614	589	383	52	154	332	17	616	-	60	-
	Total	8397 (19%)	1769 (33%)	424 (90%)	89 (58%)	1256 (12%)	466 (71%)	129 (13%)	5279 (12%)	25	459 (13%)	270
Any age	Sm.	4652	1797	1088	301	408	527	80	1846	-	402	-
	Total	20408 (23%)	4320 (42%)	1178 (92%)	451 (67%)	2691 (15%)	710 (74%)	338 (24%)	9077 (20%)	340	1678 (24%)	3945

To be conservative, no deaths before age 35, and none from liver cirrhosis or non-medical causes, were attributed to smoking

**Male death rates used for calculations: ICD codes as on previous page**

	All ages	0-34	35-69	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+/ <i>NK</i>
<b>POPULATION (1000s; UN, 2004 revision)</b>													
1995	1709.1	947.2	673.0	135.8	111.8	97.9	93.0	89.6	79.5	65.4	41.0	19.6	28.3
2000	1637.4	855.9	678.8	135.4	126.0	102.5	88.4	82.8	77.6	66.1	50.6	28.7	23.4
<b>NUMBER OF DEATHS (Source: WHO)</b>													
<b>All causes</b>													
1995	24283	2200	13545	936	1276	1479	2024	2270	2670	2890	2443	1636	4459
2000	20408	1610	10401	636	858	1109	1374	1712	2165	2547	2741	2192	3464
<b>Lung cancer</b>													
1995	1308	3	958	5	31	53	121	195	254	299	194	81	72
2000	1178	2	752	5	21	56	73	136	205	256	225	127	72
<b>ANNUAL DEATH RATE / 100,000</b> (*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)													
<b>All causes</b>													
1995	1660.3*	231.6*	2261.2*	689.2	1141.3	1510.7	2176.3	2533.5	3358.5	4419.0	5958.5	8346.9	15756.2
2000	1390.1*	191.5*	1785.4*	469.7	681.0	1082.0	1554.3	2067.6	2789.9	3853.3	5417.0	7637.6	14803.4
<b>All cancer</b>													
1995	299.9*	9.3*	497.3*	33.1	93.9	183.9	393.5	607.1	901.9	1267.6	1517.1	1744.9	1664.3
2000	291.5*	6.8*	453.5*	31.8	72.2	168.8	371.0	545.9	809.3	1175.5	1505.9	1864.1	2017.1
<b>Lung cancer</b>													
1995	90.1*	0.3*	172.9*	3.7	27.7	54.1	130.1	217.6	319.5	457.2	473.2	413.3	254.4
2000	78.0*	0.2*	139.0*	3.7	16.7	54.6	82.6	164.3	264.2	387.3	444.7	442.5	307.7
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>													
1995	31.8*	0.1*	67.6*	5.2	20.6	43.9	80.6	91.5	104.4	126.9	85.4	81.6	60.1
2000	31.0*	0.2*	62.7*	1.5	11.1	42.9	86.0	90.6	108.2	98.3	69.2	104.5	102.6
<b>Other cancer</b>													
1995	178.0*	8.9*	256.9*	24.3	45.6	85.8	182.8	298.0	478.0	683.5	958.5	1250.0	1349.8
2000	182.5*	6.4*	251.8*	26.6	44.4	71.2	202.5	291.1	436.9	689.9	992.1	1317.1	1606.8
<b>Chronic obstructive pulmonary disease (COPD)</b>													
1995	63.6*	0.5*	70.8*	1.5	7.2	14.3	34.4	82.6	150.9	204.9	385.4	535.7	819.8
2000	49.6*	0.3*	46.4*	-	4.8	6.8	18.1	39.9	87.6	167.9	304.3	432.1	803.4
<b>Other respiratory disease</b>													
1995	20.1*	5.0*	33.7*	5.9	25.9	27.6	33.3	49.1	40.3	53.5	51.2	45.9	70.7
2000	22.9*	4.0*	29.9*	7.4	13.5	19.5	29.4	41.1	51.5	46.9	102.8	149.8	145.3
<b>Vascular disease</b>													
1995	758.1*	13.5*	847.6*	94.3	212.0	386.1	722.6	937.5	1470.4	2110.1	3253.7	5148.0	11879.9
2000	642.7*	10.1*	672.3*	62.8	142.9	270.2	475.1	783.8	1175.3	1795.8	2832.0	4435.5	10995.7
<b>Liver cirrhosis</b>													
1995	20.6*	2.4*	42.3*	15.5	42.0	39.8	39.8	50.2	56.6	52.0	41.5	15.3	17.7
2000	22.2*	1.9*	46.9*	19.9	33.3	52.7	47.5	61.6	61.9	51.4	33.6	17.4	12.8
<b>Other medical causes</b>													
1995	176.6*	57.4*	259.8*	128.9	201.3	262.5	301.1	264.5	328.3	331.8	358.5	443.9	918.7
2000	113.4*	35.8*	153.7*	66.5	95.2	112.2	173.1	181.2	207.5	240.5	357.7	501.7	572.6
<b>All non-medical causes</b>													
1995	321.5*	143.5*	509.8*	410.2	559.0	596.5	651.6	542.4	410.1	399.1	351.2	413.3	385.2
2000	247.9*	132.5*	382.6*	281.4	319.0	451.7	440.0	414.3	396.9	375.2	280.6	236.9	256.4

Rates and calculations for some earlier years are in Peto, Lopez et al, 1994

## 1995, 2000: LITHUANIA

## Female smoking-attributed deaths (Sm.) and total deaths (Total)

		ALL CAUSES	ALL CANCER	Lung cancer	Upper aero-digestive ca. (see below)	Other cancer	COPD	Other respiratory	Vascular disease	Liver cirrhosis	Other medical	Non-medical
<b>1995</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	783	92	2	0	90	3	29	38	8	335	278
35-69	Sm.	160	36	29	1	6	25	0	76	-	23	-
	Total	6324	1791	99	24	1668	127	51	2508	139	860	848
		(3%)	(2%)	(29%)	(4%)	(0%)	(20%)	(0%)	(3%)		(3%)	
70+	Sm.	287	46	36	4	6	88	1	141	-	11	-
	Total	13916	1357	94	26	1237	370	68	11117	24	732	248
		(2%)	(3%)	(38%)	(15%)	(0%)	(24%)	(1%)	(1%)		(2%)	
Any age	Sm.	447	82	65	5	12	113	1	217	-	34	-
	Total	21023	3240	195	50	2995	500	148	13663	171	1927	1374
		(2%)	(3%)	(33%)	(10%)	(0%)	(23%)	(1%)	(2%)		(2%)	
<b>2000</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	568	84	2	0	82	0	19	25	3	218	219
35-69	Sm.	0	0	0	0	0	0	0	0	-	0	-
	Total	4794	1647	70	35	1542	75	59	1719	156	460	678
		(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)		(0%)	
70+	Sm.	0	0	0	0	0	0	0	0	-	0	-
	Total	13149	1672	125	33	1514	265	94	10109	40	709	260
		(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)		(0%)	
Any age	Sm.	0	0	0	0	0	0	0	0	-	0	-
	Total	18511	3403	197	68	3138	340	172	11853	199	1387	1157
		(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)		(0%)	

To be conservative, no deaths before age 35, and none from liver cirrhosis or non-medical causes, were attributed to smoking

## Female death rates used for calculations

	All ages	0-34	35-69	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+/ NK
<b>POPULATION (1000s; UN, 2004 revision)</b>													
1995	1919.1	916.3	811.9	141.4	119.7	111.6	110.8	113.9	109.8	104.7	81.9	42.2	66.8
2000	1862.1	836.0	806.1	138.3	135.1	113.5	105.7	105.3	107.0	101.2	92.8	66.3	60.9
<b>NUMBER OF DEATHS (Source: WHO)</b>													
<b>All causes</b>													
1995	21023	783	6324	279	392	526	730	1029	1417	1951	2505	2211	9200
2000	18511	568	4794	183	273	428	495	766	1061	1588	2422	2914	7813
<b>Lung cancer</b>													
1995	195	2	99	2	3	6	11	17	26	34	40	22	32
2000	197	2	70	1	3	7	6	9	19	25	41	40	44
<b>ANNUAL DEATH RATE / 100,000</b> (*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)													
<b>All causes</b>													
1995	827.0*	88.3*	816.0*	197.3	327.5	471.3	658.8	903.4	1290.5	1863.4	3058.6	5239.3	13772.5
2000	699.3*	73.2*	638.3*	132.3	202.1	377.1	468.3	727.4	991.6	1569.2	2609.9	4395.2	12829.2
<b>All cancer</b>													
1995	142.7*	9.9*	231.3*	43.8	91.9	138.0	209.4	264.3	380.7	490.9	577.5	755.9	845.8
2000	141.3*	9.8*	219.1*	33.3	73.3	148.0	177.9	261.2	359.8	480.2	612.1	767.7	977.0
<b>Lung cancer</b>													
1995	8.3*	0.2*	12.9*	1.4	2.5	5.4	9.9	14.9	23.7	32.5	48.8	52.1	47.9
2000	7.5*	0.2*	9.4*	0.7	2.2	6.2	5.7	8.5	17.8	24.7	44.2	60.3	72.2
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>													
1995	2.1*	-	3.1*	-	0.8	5.4	1.8	2.6	2.7	8.6	6.1	16.6	21.0
2000	2.8*	-	4.7*	-	0.7	2.6	2.8	8.5	11.2	6.9	9.7	15.1	23.0
<b>Other cancer</b>													
1995	132.3*	9.7*	215.2*	42.4	88.6	127.2	197.7	246.7	354.3	449.9	522.6	687.2	776.9
2000	130.9*	9.6*	205.0*	32.5	70.3	139.2	169.3	244.1	330.8	448.6	558.2	692.3	881.8
<b>Chronic obstructive pulmonary disease (COPD)</b>													
1995	18.8*	0.3*	16.6*	0.7	1.7	3.6	9.0	19.3	37.3	44.9	114.8	149.3	318.9
2000	12.1*	-	10.2*	1.4	-	7.0	5.7	7.6	15.9	33.6	53.9	107.1	236.5
<b>Other respiratory disease</b>													
1995	6.8*	3.4*	6.5*	1.4	8.4	3.6	5.4	6.1	5.5	15.3	24.4	28.4	53.9
2000	7.5*	2.8*	7.8*	2.9	3.0	1.8	5.7	11.4	12.1	17.8	18.3	37.7	85.4
<b>Vascular disease</b>													
1995	490.1*	4.1*	329.3*	21.9	51.8	101.3	188.6	326.6	586.5	1028.7	1965.8	3931.3	11748.5
2000	408.5*	3.1*	234.2*	13.7	25.2	72.2	120.2	236.5	380.4	791.5	1590.5	3069.4	10834.2
<b>Liver cirrhosis</b>													
1995	8.6*	0.8*	17.6*	7.8	11.7	9.9	26.2	24.6	22.8	20.1	14.7	14.2	9.0
2000	9.9*	0.3*	20.3*	3.6	11.8	21.1	26.5	30.4	27.1	21.7	21.6	19.6	11.5
<b>Other medical causes</b>													
1995	90.4*	39.3*	109.2*	46.0	65.2	95.9	102.9	138.7	150.3	165.2	250.3	253.6	628.7
2000	62.7*	31.2*	60.8*	21.0	18.5	30.0	45.4	84.5	103.7	122.5	214.4	300.2	510.7
<b>All non-medical causes</b>													
1995	69.6*	30.5*	105.5*	75.7	96.9	119.2	117.3	123.8	107.5	98.4	111.1	106.6	167.7
2000	57.4*	25.9*	85.8*	56.4	70.3	96.9	87.0	95.9	92.5	101.8	99.1	93.5	174.1

Rates and calculations for some earlier years are in Peto, Lopez et al, 1994

## LITHUANIA: 2000

## Relative importance of deaths in MIDDLE age (35–69) in the year 2000

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 1.6	– / 0.6	–
35–69	3.0 / 10	0.0 / 4.8	20 years
70+	1.6 / 8.4	0.0 / 13	8 years
All ages	4.7 / 20	0.0 / 19	16 years

## Deaths, by cause, attributed to SMOKING / total deaths in the year 2000

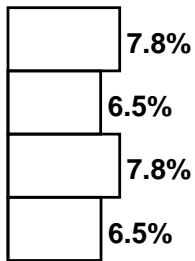
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/ 2	705/752	383/424	1088/1178	–/ 2	0/70	0/125	0/197
All Cancer	–/59	1208/2492 (48%)	589/1769 (33%)	1797/4320	–/84	0/1647 (0%)	0/1672 (0%)	0/3403
Vascular	–/88	1230/3710	616/5279	1846/9077	–/25	0/1719	0/10109	0/11853
Respiratory	–/34	258/419	349/595	607/1048	–/19	0/134	0/359	0/512
All Other	–/1429	342/3780	60/754	402/5963	–/440	0/1294	0/1009	0/2743
All Causes	–/1610	3038/10401 (29%)	1614/8397 (19%)	4652/20408	–/568	0/4794 (0%)	0/13149 (0%)	0/18511

## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2000

Cause	Male	Female	Male + Female
All Cancer	1.8 / 4.3 (42%)	0.0 / 3.4 (0%)	1.8 / 7.7 (23%)
All Causes	4.7 / 20 (23%)	0.0 / 19 (0%)	4.7 / 39 (12%)

1985-2000: LITHUANIA

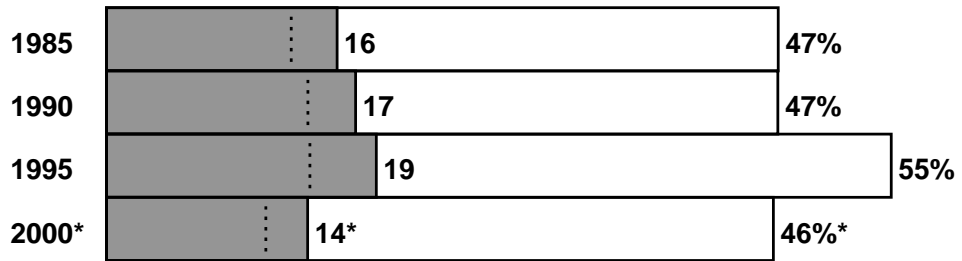
Population risk of dying at ages 0-34



Population risk of a 35-year-old dying at ages 35-69 from smoking (shaded) or from any cause (shaded and white)

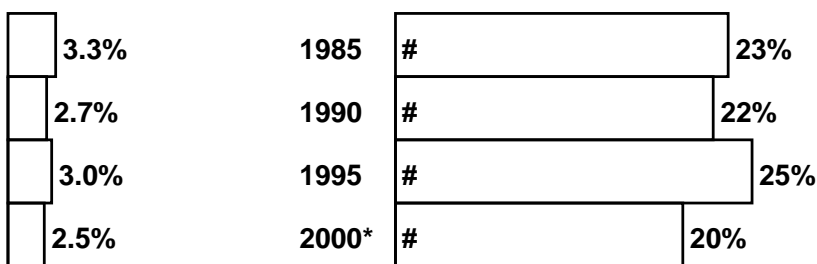
\*eg, at year 2000 male death rates, out of 100 men aged 35, 46 would die before age 70 (with 14 of these deaths attributed to smoking)

MALE



Note: Most of those killed by smoking would otherwise have survived beyond age 70, but a minority (shaded area to right of dotted line) would have died by 70 anyway

FEMALE



# Real risk too low to estimate reliably

## LITHUANIA: 1980-2000

## Numbers of deaths attributed to smoking / total deaths

Year	Male (by age)				Female (by age)			
	0-34	35-69	70+	All	0-34	35-69	70+	All
1950	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...
1985	-/2236	3044/8678 <b>(35%)</b>	1641/9370 <b>(18%)</b>	4685/20284	-/914	204/4772	194/13199	398/18885
1990	-/1958	3789/10184 <b>(37%)</b>	1441/8463 <b>(17%)</b>	5230/20605	-/773	176/5391	428/12991	604/19155
1995	-/2200	4549/13545 <b>(34%)</b>	1524/8538 <b>(18%)</b>	6073/24283	-/783	160/6324	287/13916	447/21023
2000	-/1610	3038/10401 <b>(29%)</b>	1614/8397 <b>(19%)</b>	4652/20408	-/568	0/4794	0/13149	0/18511

20-year total\* (thousands), mid-1980 to mid-2000: 116 / 845

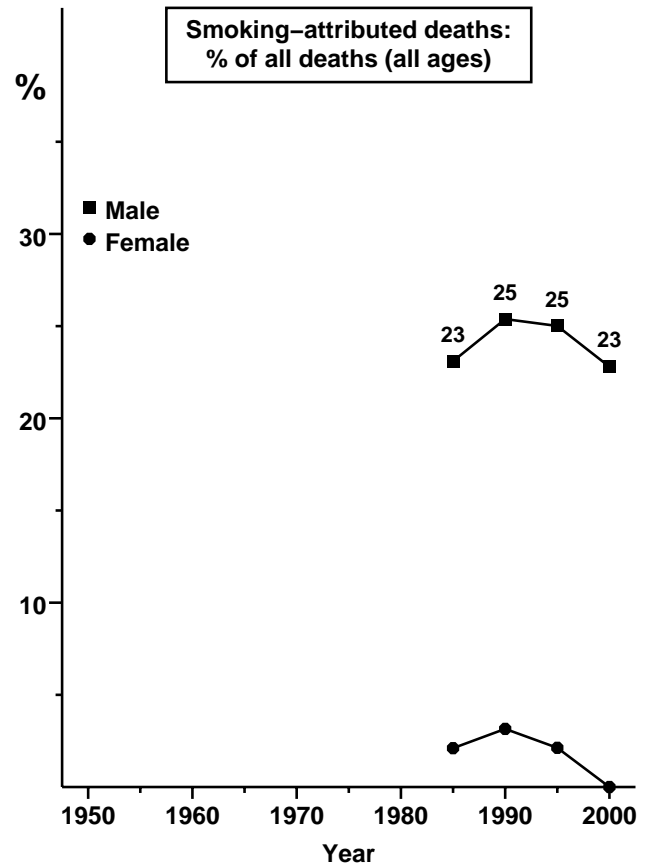
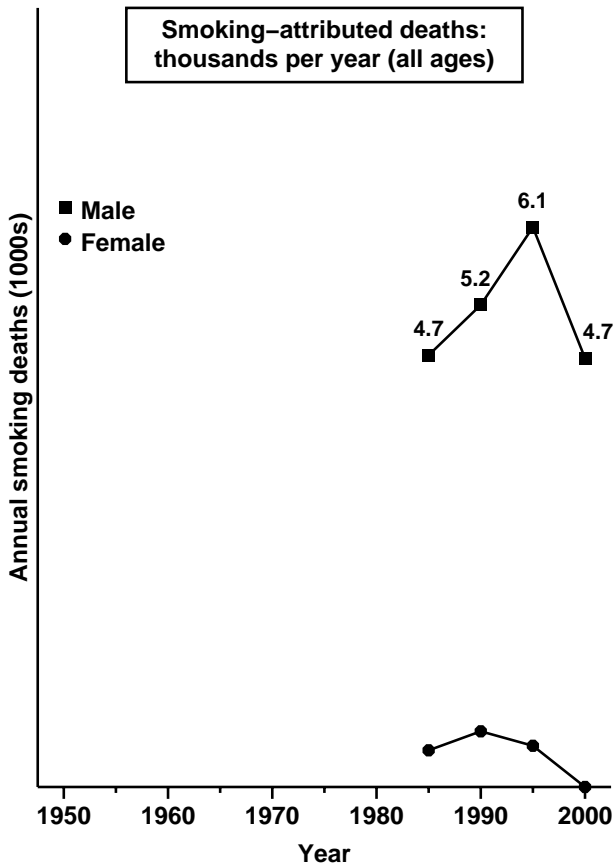
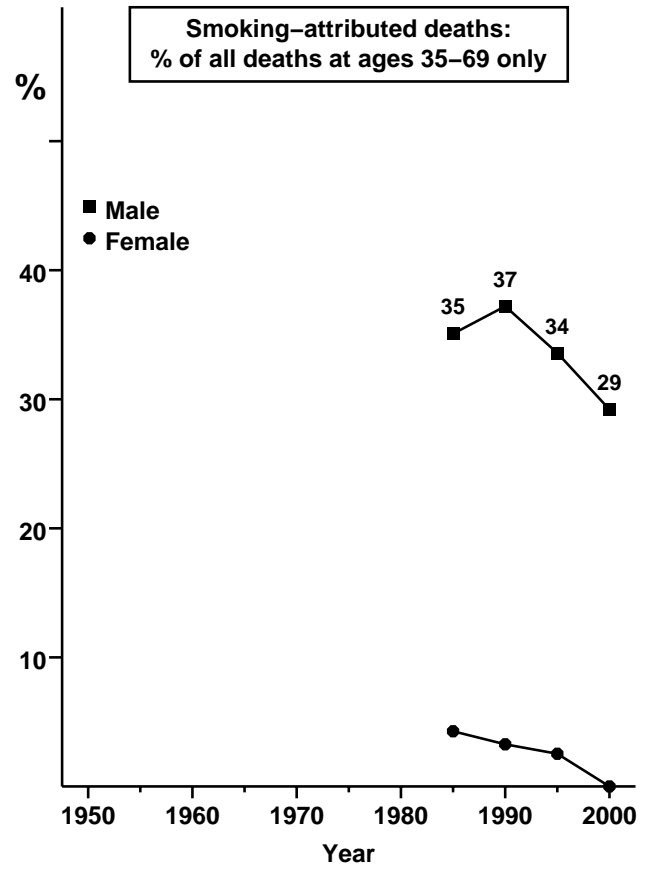
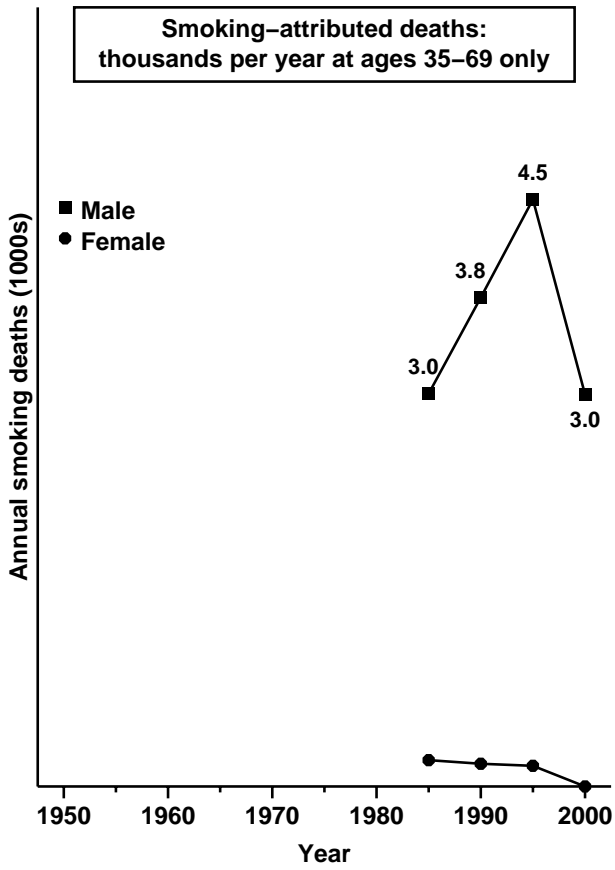
1980-2000 by age & sex:

-/44	76/222 <b>(34%)</b>	32/179 <b>(18%)</b>	108/446	-/17	3.6/111 <b>( 3%)</b>	4.8/271 <b>( 2%)</b>	8.4/399
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\*Estimated as 10 times the sum of the annual numbers for 1985 & 1995

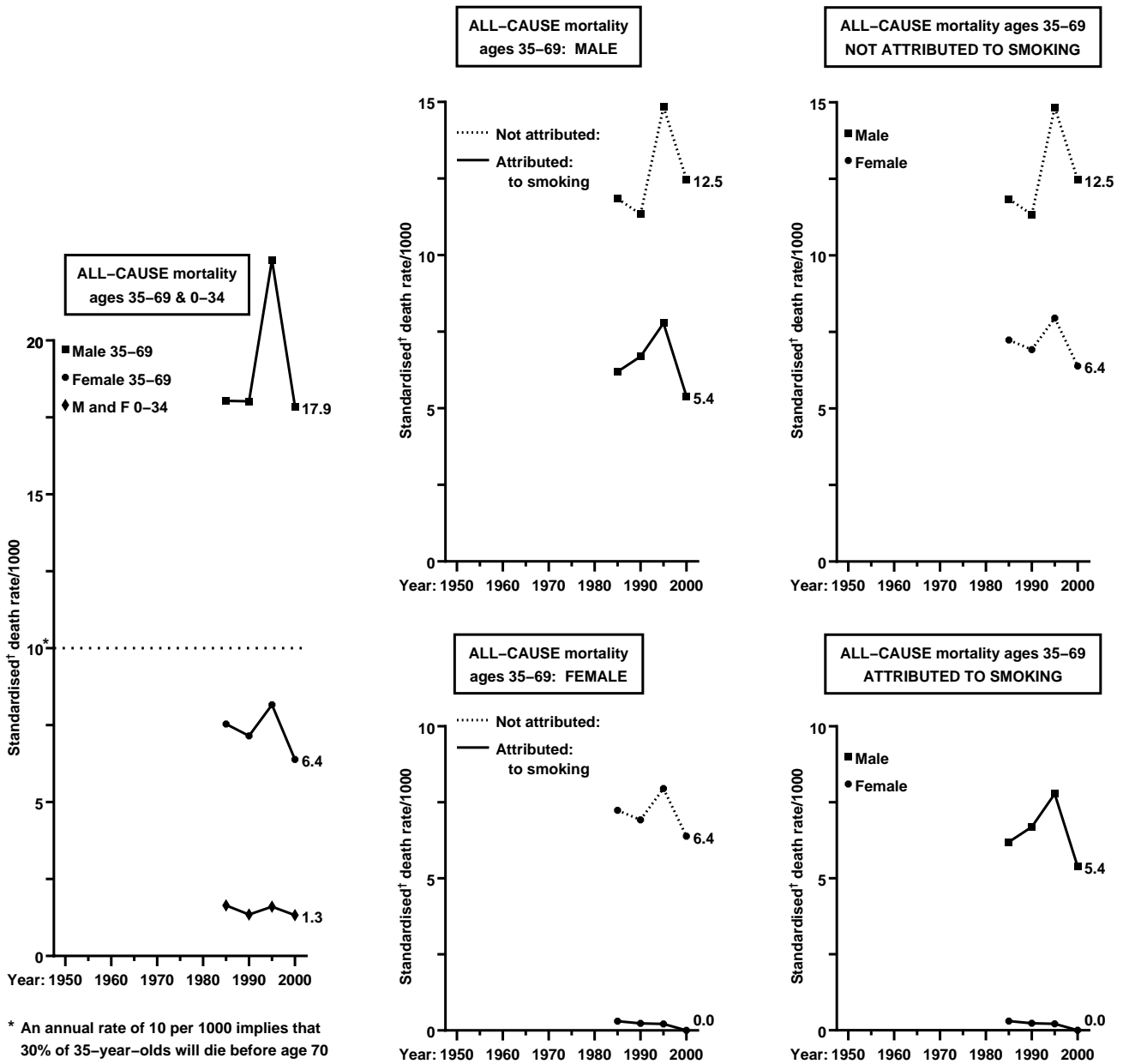


1985-2000: LITHUANIA



LITHUANIA: 1985-2000

ALL-CAUSE mortality rates attributed and not attributed to smoking



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

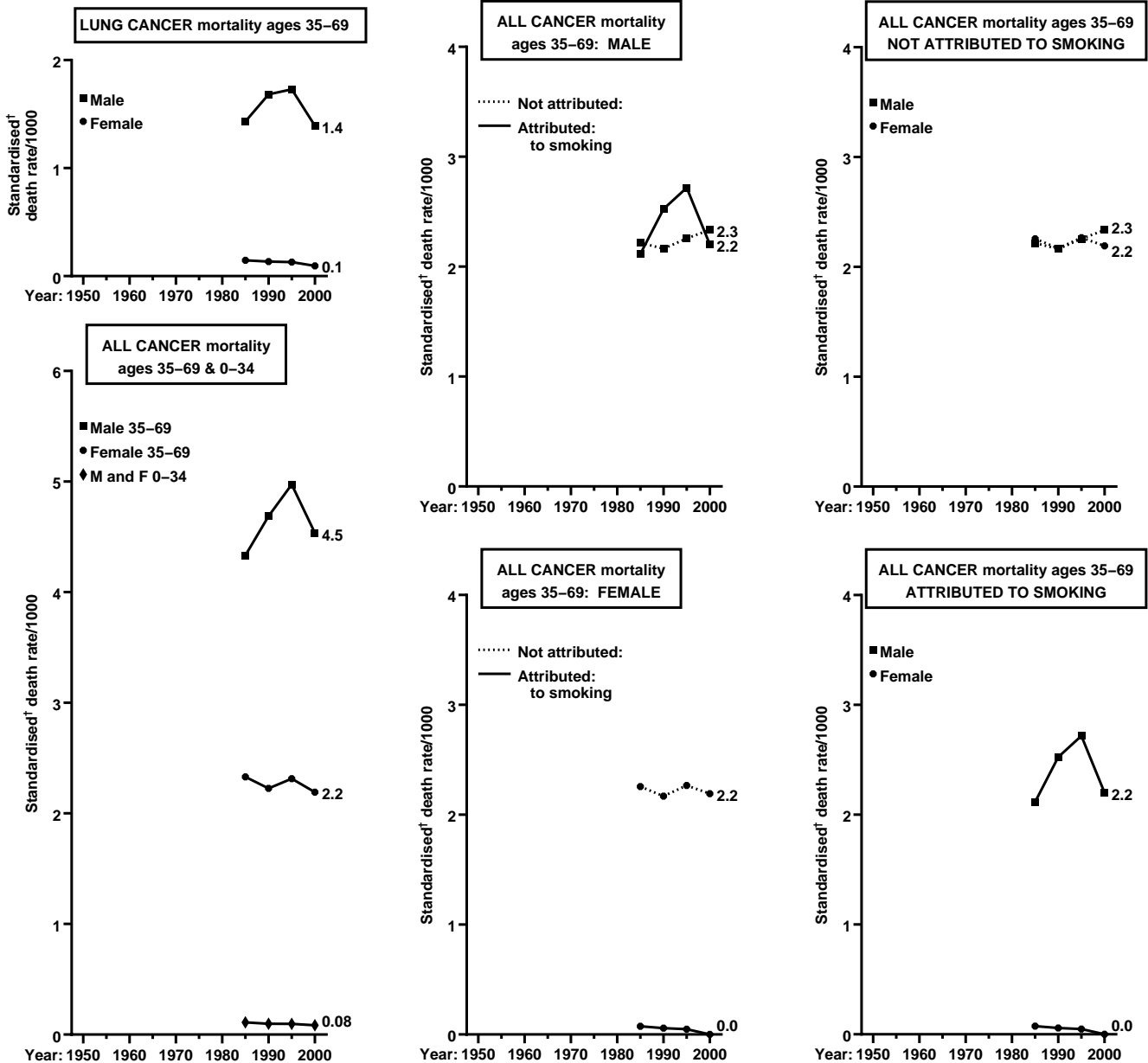
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	2.32	6.19	11.8	15.1	56.2	-	0.97	0.30	7.23	0.74	43.8				
1990	-	1.91	6.69	11.3	15.0	54.8	-	0.78	0.23	6.92	1.55	41.4				
1995	-	2.32	7.77	14.8	15.2	56.3	-	0.88	0.21	7.95	1.14	40.3				
2000	-	1.91	5.39	12.5	14.0	51.2	-	0.73	0.00	6.38	0.00	35.0				

0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)

1985-2000: LITHUANIA

ALL CANCER mortality rates attributed and not attributed to smoking



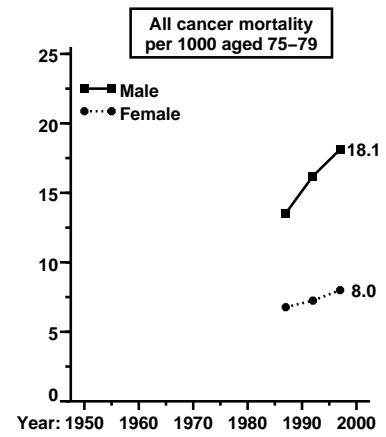
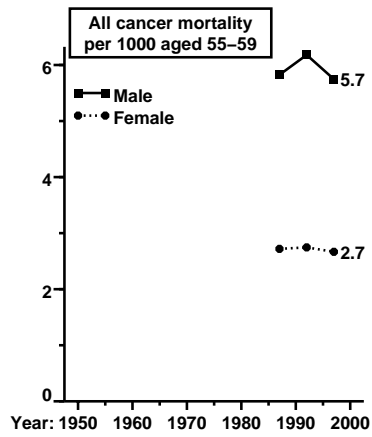
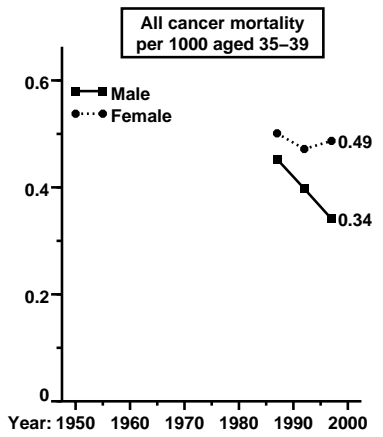
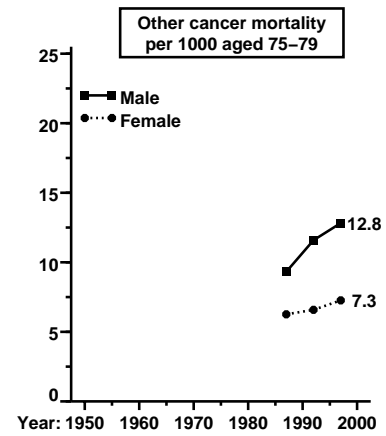
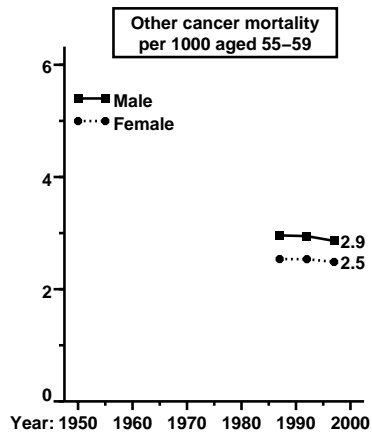
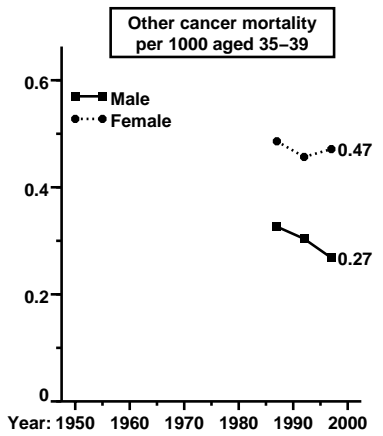
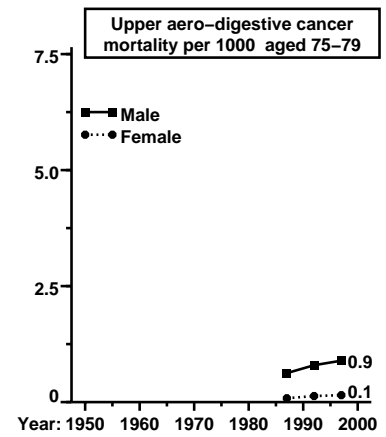
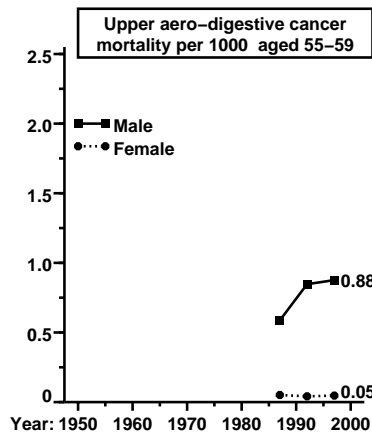
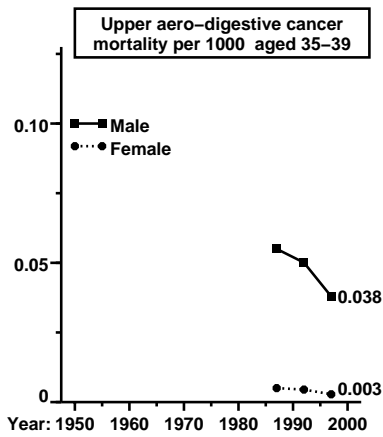
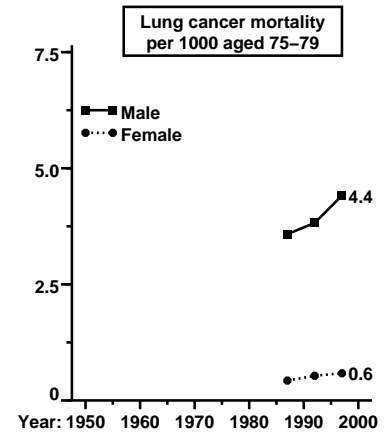
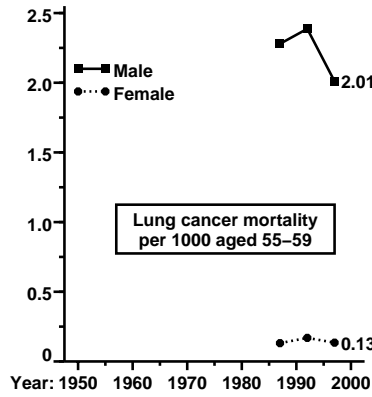
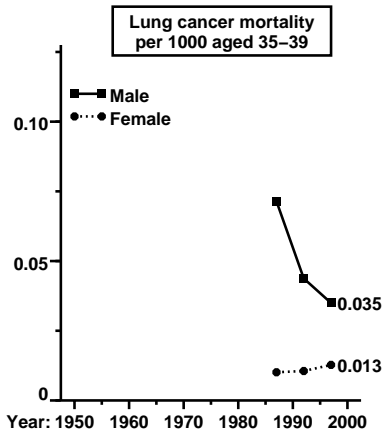
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)								FEMALE cancer mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.11	2.12	2.22	4.84	8.45	-	0.11	0.07	2.26	0.13	6.10	-	0.10	0.06	2.17
1990	-	0.09	2.52	2.16	5.64	9.80	-	0.10	0.05	2.27	0.24	6.43	-	0.10	0.06	2.17
1995	-	0.09	2.72	2.26	5.87	10.4	-	0.10	0.05	2.27	0.24	6.43	-	0.10	0.05	2.27
2000	-	0.07	2.20	2.33	5.95	10.9	-	0.10	0.00	2.19	0.00	6.90	-	0.10	0.00	2.19

0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)

**LITHUANIA: 1985-2000**

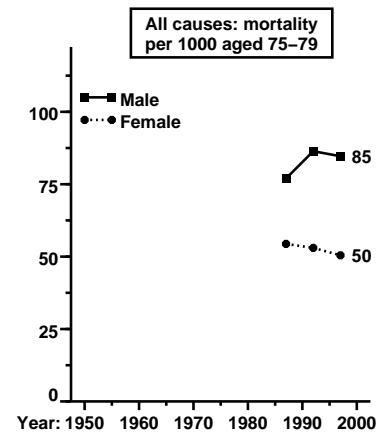
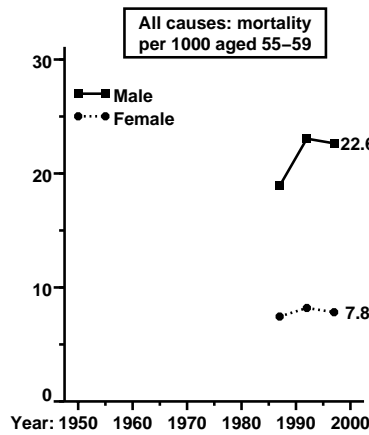
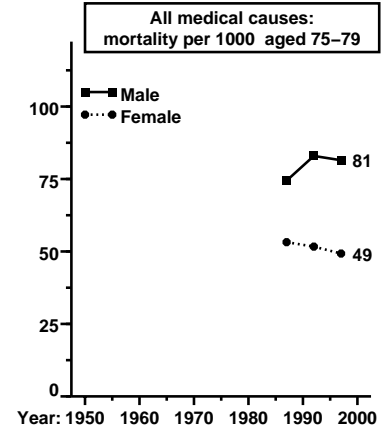
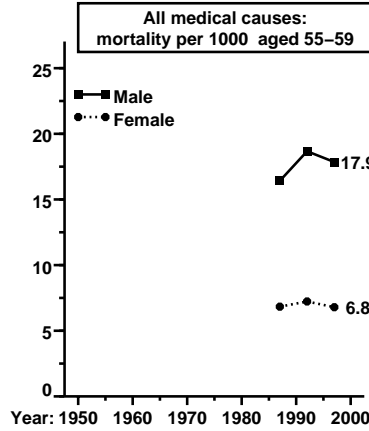
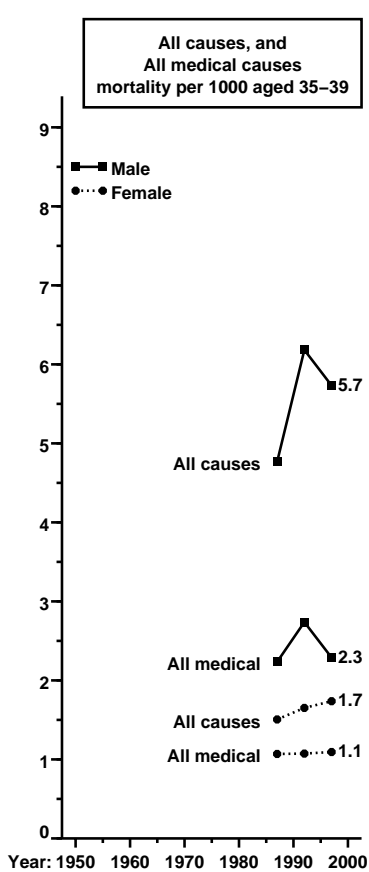
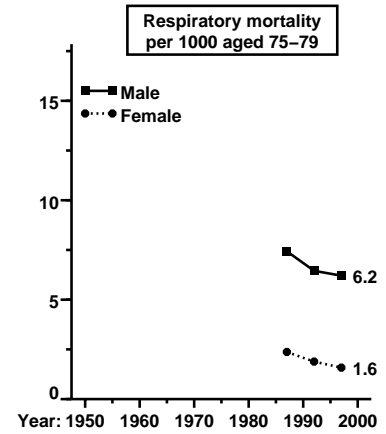
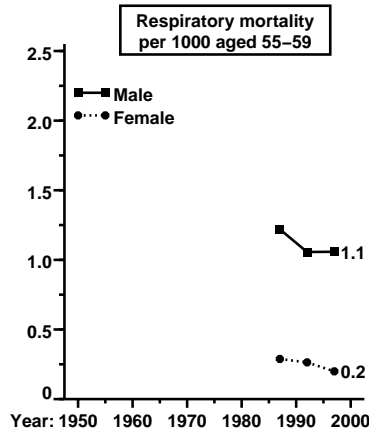
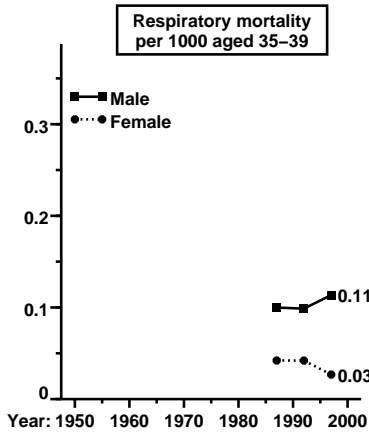
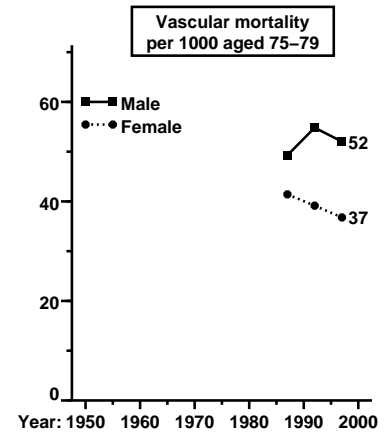
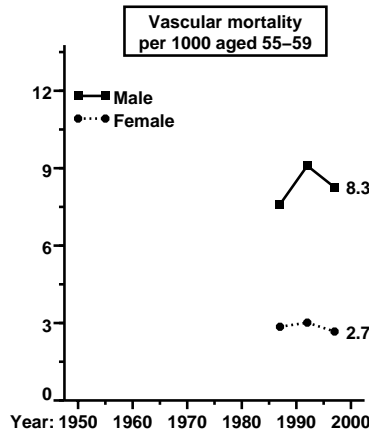
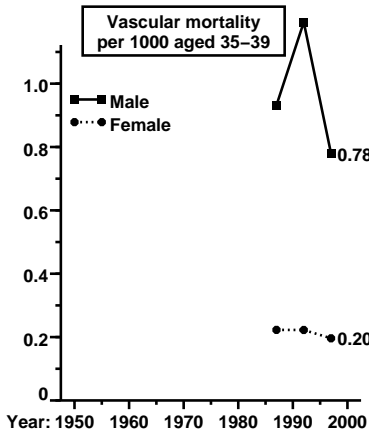
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1985-89,....,1995-99; year 2000 on pages 284-285

1985-2000: LITHUANIA

Mortality\* trends at selected ages: 35-39, 55-59 & 75-79



\* Annual mortality per 1000: averages of years available in 1985-89,.....,1995-99; year 2000 on pages 284-285