

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

(2nd edition, revised June 2006:
www.deathsfromsmoking.net)

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ROMANIA

Raw data (pages 398–99, 400–401)

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ROMANIA: 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
	M	F													
ALL CAUSES	136325	8709	63947	1358.0	167.9	1612.8	518.9	52.6	70.0	85.3	106.6	143.8	197.8		
Tuberculosis	119495	4714	33962	868.9	102.1	755.6	420.2	35.8	46.7	41.0	42.5	49.1	79.1		
HIV	1776	177	1442	17.0	2.8	32.8	0.7	0.5	0.2	0.5	1.9	5.4	10.8		
Other infective and parasitic	354	66	219	2.9	1.2	4.6	1.3	0.3	0.5	0.9	0.6	1.0	3.5		
ALL CANCER	279	149	90	3.1	3.4	2.1	18.9	1.0	1.0	0.7	0.8	0.6	0.9		
Mouth and pharynx cancer	226	202	23	2.0	3.5	0.5	0.9	1.7	18.7	0.4	0.8	0.9	1.1		
Oesophagus cancer	275	148	69	2.9	3.5	1.5	19.5	1.2	1.6	0.5	1.2	0.3	0.5		
Stomach cancer	2570	30	1523	23.8	0.5	39.6	-	-	-	-	0.2	0.8	2.3		
Colorectal cancer	1349	19	600	9.5	0.3	13.4	-	-	0.1	0.1	0.5	0.5	0.9		
Liver cancer	2028	35	1042	19.0	0.6	27.2	-	-	0.1	0.5	0.6	1.1	1.5		
Pancreas cancer	1780	24	767	12.6	0.4	17.1	-	-	-	0.4	0.1	0.8	1.5		
Female breast cancer	1310	13	772	12.2	0.2	20.0	0.4	-	0.1	0.2	0.2	0.1	0.5		
Cervix cancer	787	9	371	5.6	0.2	8.4	0.2	0.3	-	0.1	0.2	-	0.3		
Other uterine cancer	745	12	443	5.7	0.2	9.7	-	-	-	-	-	-	1.4		
Ovarian cancer	870	25	621	6.9	0.4	13.6	-	-	0.1	0.4	0.1	0.8	1.5		
Prostate cancer	1512	3	405	14.8	0.0	11.2	-	-	-	0.1	-	0.1	0.1		
Bladder cancer	980	1	490	9.3	0.0	13.1	-	0.2	-	-	-	-	-		
Other and ill-defined cancer sites	252	-	98	1.8	-	2.2	-	-	-	-	-	-	-		
Hodgkin's disease	3377	254	2117	32.0	4.4	53.1	4.2	3.2	2.0	4.2	4.7	5.2	7.1		
Myeloma and non-Hodgkin lymphomas	2898	189	1408	21.8	3.5	31.2	3.5	3.1	2.7	3.9	2.8	3.5	4.7		
Leukaemia	92	23	54	0.8	0.4	1.3	-	0.2	0.1	0.2	0.6	0.9	0.5		
Diabetes	489	57	312	4.5	1.0	7.8	0.5	0.8	1.0	0.8	0.9	1.0	1.6		
Ischaemic heart disease	361	33	201	2.7	0.6	4.4	0.4	0.2	0.1	0.6	0.5	0.9	1.2		
Pulmonary embolism and other venous disease	587	131	279	5.4	2.4	7.1	2.1	3.9	2.4	1.7	2.5	1.7	2.3		
Cerebrovascular disease	499	85	251	3.9	1.6	5.6	1.7	2.9	1.6	1.4	1.6	0.7	1.5		
Other vascular disease	794	14	446	7.4	0.2	11.4	-	-	-	0.2	0.7	0.7	0.7		
Pregnancy, birth and congenital anomalies	1077	17	507	7.6	0.3	11.4	0.2	-	-	-	0.4	0.5	0.9		
Other medical causes	75512	537	28663	767.3	8.7	744.0	3.4	0.6	1.7	3.2	7.4	13.0	31.3		
Rheumatic heart disease and fever	81895	216	16405	569.0	3.7	370.7	2.2	1.5	0.1	1.2	4.2	5.7	10.9		
Hypertensive disease	318	18	215	3.1	0.3	5.4	0.2	-	0.1	0.2	0.5	0.2	0.8		
Ischaemic heart disease	419	16	244	3.2	0.3	5.4	-	0.2	-	0.2	0.2	0.7	0.6		
Other vascular disease	6270	16	2099	63.1	0.2	55.8	-	-	-	-	0.3	0.5	1.0		
Pulmonary embolism and other venous disease	9035	10	1802	61.9	0.2	40.9	-	-	-	-	0.1	0.3	0.7		
Chronic obstructive pulmonary disease	28051	232	12289	282.1	3.6	314.4	-	-	-	0.8	2.7	6.1	15.9		
Other respiratory disease	26376	43	5686	183.2	0.7	128.5	-	-	-	-	0.9	0.9	3.1		
Cerebrovascular disease	414	15	234	4.0	0.2	5.9	-	-	-	-	0.3	0.7	0.7		
Other vascular disease	425	11	191	3.1	0.2	4.2	-	-	-	0.1	0.4	0.2	0.5		
Pregnancy, birth and congenital anomalies	23848	117	9018	237.0	1.9	238.1	0.4	-	0.2	1.0	1.6	2.6	7.3		
Ischaemic heart disease	38150	75	6522	193.9	1.3	147.5	0.6	0.3	-	0.1	1.6	2.3	3.8		
Other vascular disease	16611	139	4808	178.1	2.4	124.3	2.8	0.6	1.4	1.2	2.0	2.9	5.7		
Pulmonary embolism and other venous disease	17490	61	1960	123.8	1.1	44.2	1.7	1.0	0.1	0.7	1.0	1.2	2.3		
Chronic obstructive pulmonary disease	4094	27	1536	41.0	0.5	40.6	0.5	-	0.6	0.4	0.1	0.9	0.8		
Other respiratory disease	2446	14	461	17.0	0.2	10.4	0.2	-	0.1	-	0.2	0.3	0.8		
Pregnancy, birth and congenital anomalies	4819	1153	2069	51.4	26.5	50.4	150.8	5.0	4.4	4.5	5.4	6.1	9.2		
Ischaemic heart disease	3463	897	779	30.6	22.1	17.2	131.6	4.4	3.6	3.1	4.4	3.5	4.1		
Peptic ulcer	461	16	290	4.4	0.3	7.1	-	-	-	0.2	0.4	0.1	1.0		
Liver cirrhosis	238	1	77	1.7	0.0	1.7	-	-	-	-	-	-	0.1		
Renal disease	6144	134	4667	58.3	2.1	113.5	-	0.2	0.8	1.1	1.2	2.9	8.7		
Pregnancy, birth and congenital anomalies	3685	63	2307	28.2	1.0	50.6	0.2	-	0.4	0.9	0.8	1.6	3.5		
Ill-defined causes	1042	51	508	10.1	0.9	12.8	0.5	0.8	0.1	0.4	0.8	1.5	2.0		
Other medical causes	970	33	463	7.0	0.6	10.2	0.2	0.2	0.4	0.2	0.8	1.3	0.9		
Fire	76	55	21	0.7	0.9	0.4	-	-	-	1.2	1.5	2.0	1.6		
Suicide	1452	1428	23	20.2	35.7	0.5	245.0	1.8	0.7	0.6	0.7	0.6	0.5		
Homicide	1052	1032	17	15.3	27.1	0.4	185.0	2.2	0.7	0.9	0.6	0.3	0.2		
Other medical causes	215	61	129	2.1	1.1	2.9	1.9	0.2	0.3	0.8	1.2	1.0	2.0		
Fire	105	21	55	0.9	0.4	1.2	1.3	-	-	0.2	0.3	0.1	0.9		
All non-medical causes	4781	693	2684	47.0	13.7	64.8	45.0	6.9	4.9	6.8	8.0	11.6	12.5		
Road traffic accidents	2948	404	1300	23.4	8.4	28.6	29.6	4.1	4.6	4.5	4.5	4.4	7.5		
POPULATION: (1000s; UN, 2004 revision)	M=male F=female		10806 11310	5674 5452	4377 4724	1	567 538	619 589	883 850	837 803	971 929	887 859	909 885		

2000: ROMANIA

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	M	ALL CAUSES	001-999/A00-Y89
347.0	581.8	882.3	1252.5	1872.4	2654.6	3699.4	5446.0	8277.1	16708.9	M	ALL CAUSES	001-999/A00-Y89
148.7	233.6	364.8	500.4	811.8	1220.6	2009.4	3516.6	6300.0	15285.1	F	Tuberculosis	010-018, 137/ A15-A19, B90
22.2	32.0	39.1	36.7	40.3	30.1	29.3	25.9	15.4	15.6	F	HIV	279.5, 279.6/B20-B24
4.2	3.7	6.4	2.7	4.7	4.0	6.9	7.1	5.8	4.6	F	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
1.4	1.3	0.6	0.5	0.8	-	-	-	-	-	M		
1.8	0.3	0.4	0.4	0.4	0.1	0.2	0.2	-	-	F		
1.4	2.0	1.7	2.0	1.2	3.0	3.3	4.7	6.0	5.7	M		
0.6	1.4	0.5	1.6	1.4	2.2	2.6	4.7	4.7	6.5	F		
41.0	95.9	184.5	313.0	500.3	685.9	859.9	1027.3	1118.0	1112.6	M	ALL CANCER	140-208/C00-C97
59.1	90.9	139.5	176.9	252.9	323.7	429.7	555.9	676.3	688.9	F		
2.4	10.7	22.4	34.0	37.7	36.5	30.9	30.7	30.0	22.7	M	Mouth and pharynx cancer	140-149/C00-C14
0.5	1.9	2.9	2.2	3.8	2.5	5.9	3.5	6.3	14.5	F	Oesophagus cancer	150/C15
0.6	2.4	2.8	11.0	11.8	11.7	12.3	13.4	14.6	13.5	M		
0.3	0.3	0.2	0.9	1.3	1.5	3.1	2.9	5.5	5.7	F		
4.1	7.8	16.3	23.7	47.5	69.7	108.1	131.6	153.2	111.9	M	Stomach cancer	151/C16
2.1	3.7	6.4	7.7	15.1	23.8	34.9	54.8	74.1	69.5	F		
3.0	6.1	8.5	16.6	30.5	50.7	74.7	117.1	130.4	141.6	M	Colorectal cancer	153, 154/C18-C21
3.1	3.9	7.4	11.7	17.4	32.0	44.2	68.2	97.2	110.3	F		
2.2	4.0	6.9	15.7	25.9	35.8	49.6	70.2	73.8	60.2	M	Liver cancer	155.0/C22 excl C221
1.0	2.4	2.5	4.4	14.2	12.1	22.4	34.6	41.3	30.9	F		
2.2	4.9	8.0	16.5	25.1	31.0	43.2	51.1	65.6	67.3	M	Pancreas cancer	157/C25
0.8	1.9	3.1	4.6	10.8	16.3	27.7	30.8	38.6	39.3	F		
1.0	4.7	9.4	17.6	22.9	25.2	26.6	23.3	27.0	17.0	M	Larynx cancer	161/C32
0.3	0.4	-	0.4	0.9	1.0	1.8	1.6	1.4	2.3	F		
7.6	27.9	64.3	110.5	183.1	258.8	281.6	267.3	208.5	133.9	M	Lung cancer	162/C33, C34
3.2	4.9	10.8	13.9	23.0	35.1	44.7	58.3	65.0	47.3	F		
0.8	1.3	2.1	2.0	3.8	4.3	4.5	6.3	5.6	13.5	M	Malignant melanoma	172/C43
1.3	1.1	1.1	3.1	1.3	3.1	1.8	4.5	6.1	8.8	F		
9.0	21.3	33.0	44.1	55.4	62.0	68.2	78.2	95.3	94.3	F	Female breast cancer	174/C50
19.9	24.1	32.3	26.2	29.1	27.0	29.7	35.9	43.8	32.8	F	Cervix cancer	180/C53
3.7	3.8	7.0	8.1	11.3	14.8	19.3	26.1	22.6	28.6	F	Other uterine cancer	179, 182/C54, C55
2.4	5.6	10.0	14.5	15.6	20.8	26.0	20.2	20.7	17.6	F	Ovarian cancer	183/C56, C570-C574
-	0.1	0.8	1.9	9.6	20.4	45.7	90.1	176.3	247.2	M	Prostate cancer	185/C61
0.6	1.3	2.4	8.3	15.8	23.9	38.9	53.5	68.6	88.5	M	Bladder cancer	188/C67
0.3	0.4	0.2	1.6	2.7	3.7	6.6	10.4	15.4	17.2	F		
10.8	18.8	31.4	42.7	68.8	90.4	109.2	130.2	119.3	163.6	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
6.4	10.7	17.3	26.5	39.7	49.1	68.4	97.8	111.8	151.5	F	Hodgkin's disease	201/C81
1.0	0.6	0.9	1.3	1.8	1.9	1.6	1.6	3.9	0.8	M		
2.4	2.3	5.4	6.0	8.0	14.2	16.2	18.3	14.2	12.0	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
1.4	1.4	1.7	3.6	3.1	7.9	12.0	12.8	12.1	6.9	F	Leukaemia	204-208/C91-C95
2.2	2.9	2.8	5.3	7.8	11.5	16.8	22.5	27.0	19.8	M		
2.4	2.3	2.6	3.0	7.4	9.0	12.5	14.3	17.1	10.7	F	Diabetes	250/E10-E14
1.6	2.9	5.7	7.4	11.2	20.4	30.9	43.0	44.2	47.5	M		
2.1	1.6	2.6	6.4	11.3	21.8	34.3	45.4	55.9	45.4	F		
75.3	166.8	291.2	480.0	801.0	1314.4	2079.5	3467.2	5947.7	13609.8	M	ALL VASCULAR DISEASE	390-459/I00-I99
25.1	57.5	105.7	185.6	362.0	635.3	1223.6	2464.9	4911.6	13319.1	F		
1.3	2.2	3.6	4.1	8.8	6.9	10.9	9.7	11.6	14.9	M	Rheumatic heart disease and fever	390-398/I00-I09
1.4	1.5	2.9	5.5	6.8	9.7	9.9	10.8	15.7	17.9	F		
3.8	7.8	13.3	25.7	52.0	105.6	182.7	320.8	569.3	1136.0	M	Hypertensive disease	401-405/I10-I15
1.3	3.9	8.9	16.3	34.7	73.5	147.8	298.2	585.1	1366.8	F		
40.7	91.3	146.6	235.7	362.7	533.0	791.1	1229.6	2008.6	4359.8	M	Ischaemic heart disease	410-414/I20-I25
8.8	21.7	33.9	64.6	128.5	226.9	414.7	817.1	1585.4	4096.2	F		
1.4	1.7	3.6	3.5	7.0	9.9	14.5	17.3	21.5	34.7	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
0.8	1.8	2.1	2.4	4.1	7.9	10.4	15.1	17.4	31.7	F		
11.8	33.4	69.9	135.3	248.3	443.5	724.6	1229.6	2022.3	3758.5	M	Cerebrovascular disease	430-438/I60-I69
6.6	20.5	43.8	74.7	148.5	245.7	493.2	958.8	1803.0	3865.3	F		
16.4	30.4	54.3	75.8	122.2	215.5	355.7	660.4	1314.5	4305.9	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
6.1	8.1	14.2	22.2	39.4	71.6	147.6	365.0	905.0	3941.2	F		
2.9	6.0	12.0	20.7	41.9	75.7	124.9	204.4	335.5	686.3	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.3	1.9	3.0	5.3	8.4	18.8	34.8	69.7	143.8	417.6	F		
16.4	29.3	37.1	42.8	55.4	79.9	92.0	129.2	186.6	473.8	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
6.1	7.5	9.5	12.3	17.1	26.1	41.7	69.3	138.8	355.0	F		
3.3	2.4	5.3	7.4	7.6	10.6	13.1	16.8	20.6	30.5	M	Peptic ulcer	531-533/K25-K27
0.3	0.5	0.7	1.3	2.2	2.4	4.6	10.8	11.6	24.0	F		
25.1	58.7	92.8	112.3	149.4	168.0	188.4	191.3	179.3	138.1	M	Liver cirrhosis	571/K70, K74
11.6	21.7	34.4	41.9	65.4	83.8	95.4	117.5	119.8	107.6	F		
2.1	4.5	6.9	11.3	16.4	18.8	29.9	49.3	62.6	105.5	M	Renal disease	580-590/N00-N19
1.6	3.4	5.7	6.1	10.2	18.5	26.0	31.4	42.4	61.1	F		
1.8	1.3	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099
0.6	0.5	0.5	0.8	0.4	-	0.8	-	0.4	-	M	III-defined causes	740-779/A33, P00-P96, Q00-Q99 780-799/R00-R99
0.5	0.3	0.6	0.3	0.2	0.3	0.3	0.2	0.3	0.4	F		
3.7	2.9	2.6	4.6	2.2	2.1	2.3	2.1	4.3	5.0	M		
1.0	1.0	1.0	0.9	0.7	1.5	2.1	1.0	2.2	6.1	F		
26.2	36.1	54.3	62.3	76.0	91.6	106.9	137.1	203.8	287.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
9.8	13.6	18.8	21.5	35.8	42.1	58.3	82.5	112.4	158.8	F		
123.8	140.5	148.0	150.6	168.1	153.8	138.2	147.8	152.7	191.2	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
22.8	27.1	35.9	37.2	39.2	39.7	48.8	56.0	74.4	90.1	F		
21.6	24.2	23.9	24.2	26.7	23.6	23.3	28.3	27.9	29.0	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
4.7	5.9	7.0	5.5	7.7	8.4	9.2	13.4	12.4	14.5	F		
3.0	3.2	3.9	2.8	3.8	4.4	4.1	4.7	13.3	17.0	M	Fire	E890-E899/X00-X09
0.6	0.9	0.5	1.2	2.0	1.5	3.5	3.7	3.9	13.4	F		
27.0	36.4	38.7	34.8	44.9	30.3	32.2	27.8	27.0	36.1	M	Suicide	E950-E959/X60-X84
3.4	4.8	8.1	8.1	6.3	7.5	6.4	9.2	8.8	12.6	F		
8.4	7.4	7.6	7.1	7.8	6.6	6.6	4.7	9.0	10.6	M	Homicide	E960-E969/ X85-X99, Y00-Y09
1.4	2.8	3.5	2.7	1.6	2.1	2.8	2.2	6.1	5.3	F		
629	782	777	637	499	564	488	382	233	141	M	POPULATION (1000s; UN, 2004 revision)	
622	792	802	675	556	669	607	509	363	262	F		

ROMANIA: 1995, 2000**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
1995												
0-34	Sm.	—	—	—	—	—	—	—	—	—	—	—
	Total	10448	668	37	23	608	20	1564	616	200	3274	4106
35-69	Sm.	24470	7656	4942	1242	1472	1546	1135	11239	—	2894	—
	Total	75521	15032	5279	1785	7968	1980	2860	34351	5679	7309	8310
(32%)		(51%)	(94%)	(70%)	(18%)	(78%)	(40%)	(33%)			(40%)	
70+	Sm.	5685	1420	996	151	273	1384	85	2631	—	165	—
	Total	62608	6176	1219	387	4570	2701	1471	47163	1331	2570	1196
(9%)		(23%)	(82%)	(39%)	(6%)	(51%)	(6%)	(6%)			(6%)	
Any age	Sm.	30155	9076	5938	1393	1745	2930	1220	13870	—	3059	—
	Total	148577	21876	6535	2195	13146	4701	5895	82130	7210	13153	13612
(20%)		(41%)	(91%)	(63%)	(13%)	(62%)	(21%)	(17%)			(23%)	
2000												
0-34	Sm.	—	—	—	—	—	—	—	—	—	—	—
	Total	8709	636	46	21	569	27	1153	537	134	2818	3404
35-69	Sm.	21089	7703	4891	1372	1440	1218	753	9282	—	2133	—
	Total	63947	15000	5218	1949	7833	1536	2069	28663	4667	5643	6369
(33%)		(51%)	(94%)	(70%)	(18%)	(79%)	(36%)	(32%)			(38%)	
70+	Sm.	6536	2003	1406	208	389	1356	102	2887	—	188	—
	Total	63669	8097	1695	499	5903	2531	1597	46312	1343	2599	1190
(10%)		(25%)	(83%)	(42%)	(7%)	(54%)	(6%)	(6%)			(7%)	
Any age	Sm.	27625	9706	6297	1580	1829	2574	855	12169	—	2321	—
	Total	136325	23733	6959	2469	14305	4094	4819	75512	6144	11060	10963
(20%)		(41%)	(90%)	(64%)	(13%)	(63%)	(18%)	(16%)			(21%)	

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+/NK	
POPULATION (1000s; UN, 2004 revision)														
1995	11124	5907	4568	817	818	683	548	638	578	487	336	135	178	
2000	10806	5674	4377	629	782	777	637	499	564	488	382	233	141	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	148577	10448	75521	3940	5991	7185	8484	13642	16713	19566	20020	11885	30703	
2000	136325	8709	63947	2184	4550	6856	7982	9334	14977	18064	20782	19294	23593	
Lung cancer														
1995	6535	37	5279	111	260	434	686	1313	1347	1128	777	268	174	
2000	6959	46	5218	48	218	500	704	913	1460	1375	1020	486	189	
ANNUAL DEATH RATE / 100,000														
(*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)														
1995	1503.1*	198.3*	1838.0*	482.4	732.3	1052.6	1549.0	2136.9	2891.0	4021.8	5963.7	8816.8	17210.2	
2000	1358.0*	167.9*	1612.8*	347.0	581.8	882.3	1252.5	1872.4	2654.6	3699.4	5446.0	8277.1	16708.9	
All cancer														
1995	213.2*	11.8*	370.9*	50.0	98.3	185.5	328.6	502.2	634.7	797.3	936.8	1040.1	913.1	
2000	223.9*	10.9*	382.9*	41.0	95.9	184.5	313.0	500.3	685.9	859.9	1027.3	1118.0	1112.6	
Lung cancer														
1995	62.9*	0.7*	129.2*	13.6	31.8	63.6	125.3	205.7	233.0	231.9	231.5	198.8	97.5	
2000	65.1*	0.7*	133.4*	7.6	27.9	64.3	110.5	183.1	258.8	281.6	267.3	208.5	133.9	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	21.4*	0.4*	43.4*	5.4	13.3	32.4	48.9	58.9	68.5	76.3	62.3	61.6	53.3	
2000	23.8*	0.4*	47.8*	4.0	17.9	34.6	62.6	72.4	73.4	69.8	67.3	71.6	53.1	
Other cancer														
1995	128.9*	10.7*	198.3*	31.0	53.2	89.5	154.5	237.6	333.2	489.2	643.1	779.7	762.3	
2000	135.0*	9.8*	201.7*	29.4	50.1	85.6	140.0	244.7	353.8	508.5	692.6	837.8	925.6	
Chronic obstructive pulmonary disease (COPD)														
1995	48.3*	0.4*	50.7*	3.6	6.8	14.2	27.6	53.1	102.2	147.4	238.6	373.9	782.5	
2000	41.0*	0.5*	40.6*	2.9	6.0	12.0	20.7	41.9	75.7	124.9	204.4	335.5	686.3	
Other respiratory disease														
1995	61.3*	33.0*	65.8*	32.8	50.4	54.4	64.8	80.5	83.0	94.6	136.1	200.3	417.0	
2000	51.4*	26.5*	50.4*	16.4	29.3	37.1	42.8	55.4	79.9	92.0	129.2	186.6	473.8	
Vascular disease														
1995	849.8*	11.5*	864.0*	105.8	208.7	366.1	591.2	954.7	1479.8	2341.8	3934.5	6435.5	14170.4	
2000	767.3*	8.7*	744.0*	75.3	166.8	291.2	480.0	801.0	1314.4	2079.5	3467.2	5947.7	13609.8	
Liver cirrhosis														
1995	69.8*	3.8*	134.7*	41.5	75.3	94.3	145.7	159.3	205.0	222.0	229.7	211.4	154.1	
2000	58.3*	2.1*	113.5*	25.1	58.7	92.8	112.3	149.4	168.0	188.4	191.3	179.3	138.1	
Other medical causes														
1995	133.0*	66.8*	168.3*	96.1	121.5	138.9	174.7	189.1	208.6	249.1	312.2	371.7	572.3	
2000	113.5*	61.8*	135.2*	62.6	84.7	116.7	132.9	156.3	176.7	216.5	278.8	357.4	497.2	
All non-medical causes														
1995	127.7*	71.0*	183.6*	152.7	171.4	199.2	216.4	198.0	177.7	169.6	175.8	184.0	200.7	
2000	102.6*	57.4*	146.2*	123.8	140.5	148.0	150.6	168.1	153.8	138.2	147.8	152.7	191.2	

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

1995, 2000: ROMANIA

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
1995											
0-34 Sm. Total	—	—	—	—	—	—	—	—	—	—	—
35-69 Sm. Total	2338 (6%)	551 (6%)	434 (52%)	38 (21%)	79 (1%)	215 (36%)	63 (7%)	1265 (7%)	—	244 (7%)	—
70+ Sm. Total	1162 (1%)	161 (3%)	130 (31%)	12 (10%)	19 (0%)	334 (14%)	16 (1%)	620 (1%)	—	31 (1%)	—
Any age Sm. Total	3500 (3%)	712 (5%)	564 (44%)	50 (16%)	98 (1%)	549 (19%)	79 (2%)	1885 (2%)	—	275 (3%)	—
2000											
0-34 Sm. Total	—	—	—	—	—	—	—	—	—	—	—
35-69 Sm. Total	2249 (7%)	601 (6%)	467 (53%)	49 (23%)	85 (1%)	180 (39%)	59 (8%)	1200 (7%)	—	209 (8%)	—
70+ Sm. Total	2634 (3%)	404 (6%)	325 (49%)	28 (19%)	51 (1%)	671 (34%)	40 (2%)	1448 (2%)	—	71 (3%)	—
Any age Sm. Total	4883 (4%)	1005 (6%)	792 (51%)	77 (21%)	136 (1%)	851 (35%)	99 (3%)	2648 (3%)	—	280 (4%)	—

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	
POPULATION (1000s; UN, 2004 revision)														
1995	11557	5688	4874	813	823	697	580	708	662	591	472	223	301	
2000	11310	5452	4724	622	792	802	675	556	669	607	509	363	262	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	123095	5545	38113	1352	2197	2811	3522	6262	9038	12931	18247	14825	46365	
2000	119495	4714	33962	925	1850	2926	3378	4517	8171	12195	17903	22869	40047	
Lung cancer														
1995	1290	26	838	24	40	54	109	160	233	218	222	96	108	
2000	1548	17	874	20	39	87	94	128	235	271	297	236	124	
ANNUAL DEATH RATE / 100,000														
(*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)														
1995	927.4*	113.4*	840.4*	166.4	266.9	403.3	607.2	884.1	1364.8	2189.8	3870.0	6659.9	15408.8	
2000	868.9*	102.1*	755.6*	148.7	233.6	364.8	500.4	811.8	1220.6	2009.4	3516.6	6300.0	15285.1	
All cancer														
1995	122.2*	10.7*	202.8*	53.8	87.1	130.3	184.0	243.7	322.3	398.8	524.9	585.4	546.0	
2000	130.1*	9.9*	210.4*	59.1	90.9	139.5	176.9	252.9	323.7	429.7	555.9	676.3	688.9	
Lung cancer														
1995	10.2*	0.5*	18.4*	3.0	4.9	7.7	18.8	22.6	35.2	36.9	47.1	43.1	35.9	
2000	11.4*	0.3*	19.4*	3.2	4.9	10.8	13.9	23.0	35.1	44.7	58.3	65.0	47.3	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	2.5*	0.2*	4.0*	1.1	1.2	1.9	3.6	4.7	6.8	8.6	11.0	11.7	16.0	
2000	2.8*	0.2*	4.6*	1.1	2.5	3.1	3.6	5.9	5.1	10.9	8.1	13.2	22.5	
Other cancer														
1995	109.5*	10.0*	180.4*	49.7	81.0	120.7	161.6	216.4	280.3	353.3	466.8	530.5	494.2	
2000	115.9*	9.4*	186.4*	54.8	83.5	125.5	159.4	223.9	283.5	374.2	489.5	598.1	619.1	
Chronic obstructive pulmonary disease (COPD)														
1995	21.1*	0.3*	13.5*	0.7	2.4	2.2	5.7	11.2	27.0	45.6	92.7	179.2	499.2	
2000	17.0*	0.2*	10.4*	0.3	1.9	3.0	5.3	8.4	18.8	34.8	69.7	143.8	417.6	
Other respiratory disease														
1995	32.8*	26.2*	19.1*	7.8	10.7	10.3	18.3	18.6	26.3	41.7	75.1	121.7	319.0	
2000	30.6*	22.1*	17.2*	6.1	7.5	9.5	12.3	17.1	26.1	41.7	69.3	138.8	355.0	
Vascular disease														
1995	610.9*	4.8*	427.3*	29.7	67.9	128.3	233.8	401.1	740.0	1390.2	2805.1	5301.9	13473.2	
2000	569.0*	3.7*	370.7*	25.1	57.5	105.7	185.6	362.0	635.3	1223.6	2464.9	4911.6	13319.1	
Liver cirrhosis														
1995	33.9*	1.8*	61.8*	16.7	25.1	40.2	58.1	84.4	95.4	112.3	133.2	126.2	118.0	
2000	28.2*	1.0*	50.6*	11.6	21.7	34.4	41.9	65.4	83.8	95.4	117.5	119.8	107.6	
Other medical causes														
1995	69.9*	46.1*	70.8*	28.2	36.1	47.5	62.9	80.1	102.1	139.0	174.1	257.4	347.6	
2000	64.3*	46.0*	60.6*	23.6	27.0	36.8	41.2	66.9	93.1	135.4	183.3	235.3	306.9	
All non-medical causes														
1995	36.6*	23.6*	45.0*	29.5	37.5	44.6	44.5	45.0	51.8	62.3	64.9	88.1	105.7	
2000	29.7*	19.1*	35.8*	22.8	27.1	35.9	37.2	39.2	39.7	48.8	56.0	74.4	90.1	

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

ROMANIA: 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	– / 8.7	– / 4.7	–
35–69	21 / 64	2.2 / 34	21 years
70+	6.5 / 64	2.6 / 81	9 years
All ages	28 / 136	4.9 / 119	17 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) 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	–/0.0	4.9/5.2	1.4/1.7	6.3/7.0	–/0.0	0.5/0.9	0.3/0.7	0.8/1.5
All Cancer	–/0.6	7.7/15 (51%)	2.0/8.1 (25%)	9.7/24	–/0.6	0.6/9.6 (6%)	0.4/7.1 (6%)	1.0/17
Vascular	–/0.5	9.3/29	2.9/46	12/76	–/0.2	1.2/16	1.4/65	2.6/82
Respiratory	–/1.2	2.0/3.6	1.5/4.1	3.4/8.9	–/0.9	0.2/1.2	0.7/3.8	0.9/5.9
All Other	–/6.4	2.1/17	0.2/5.1	2.3/28	–/3.0	0.2/6.7	0.1/4.7	0.3/14
All Causes	–/8.7	21/64 (33%)	6.5/64 (10%)	28/136	–/4.7	2.2/34 (7%)	2.6/81 (3%)	4.9/119

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

Cause	Male	Female	Male + Female
All Cancer	9.7 / 24 (41%)	1.0 / 17 (6%)	11 / 41 (26%)
All Causes	28 / 136 (20%)	4.9 / 119 (4%)	33 / 256 (13%)

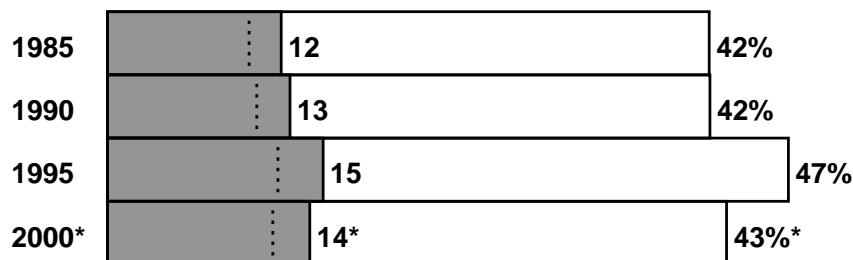
1985-2000: ROMANIA

**Population
risk of
dying at
ages 0-34**

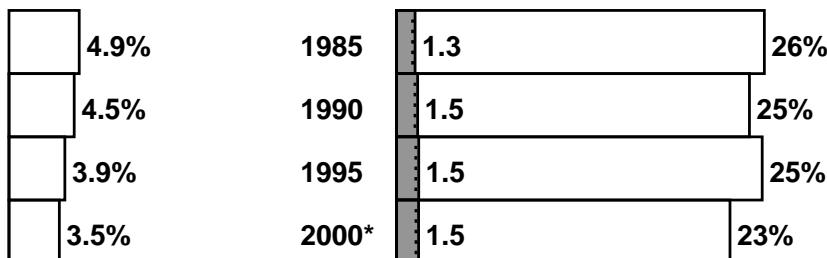


**Population risk of a 35-year-old dying at ages 35-69
from smoking (shaded) or from any cause (shaded and white)**

*eg, at year 2000 male death rates, out of 100 men aged 35, 43 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

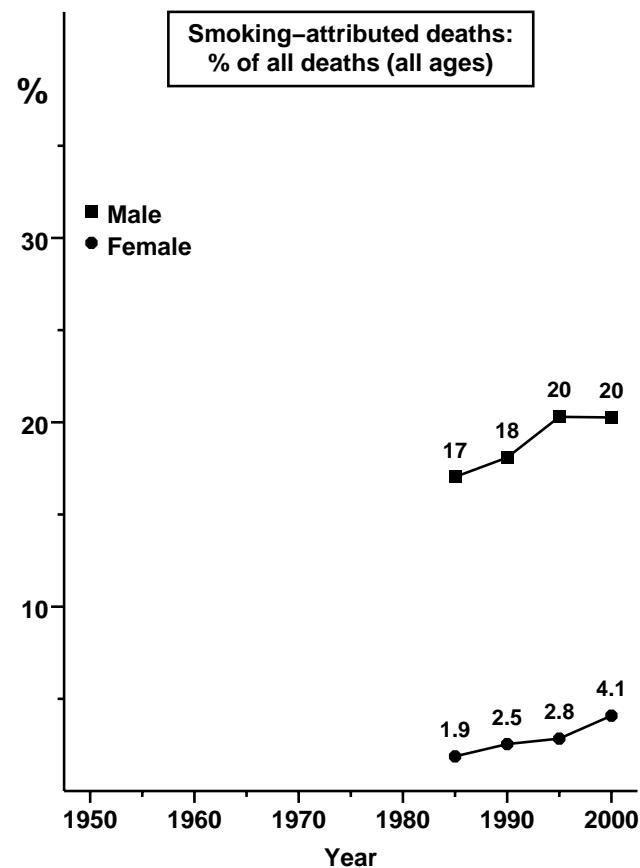
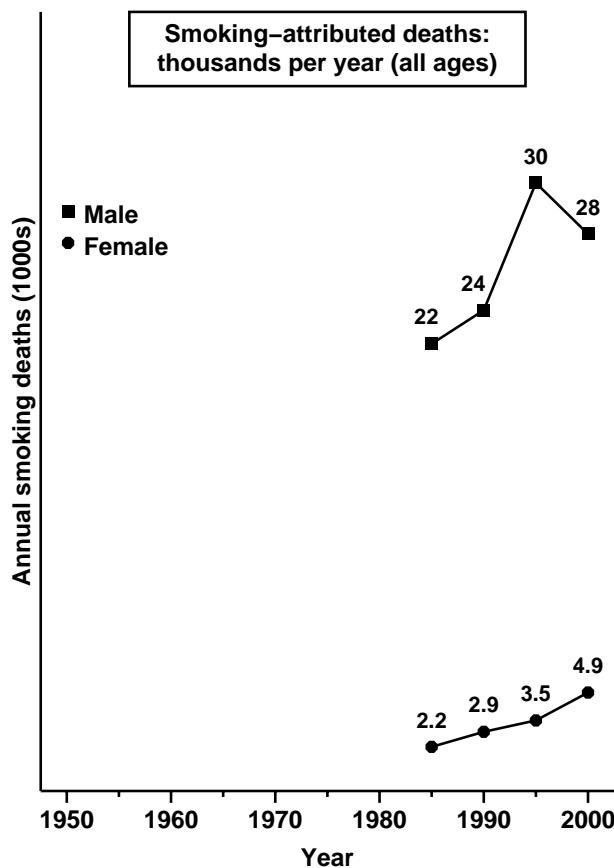
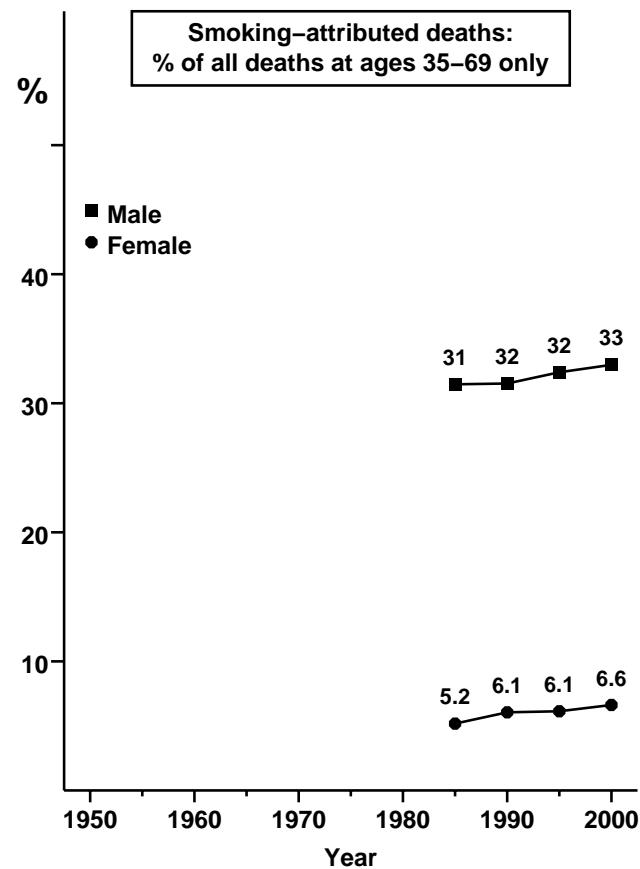
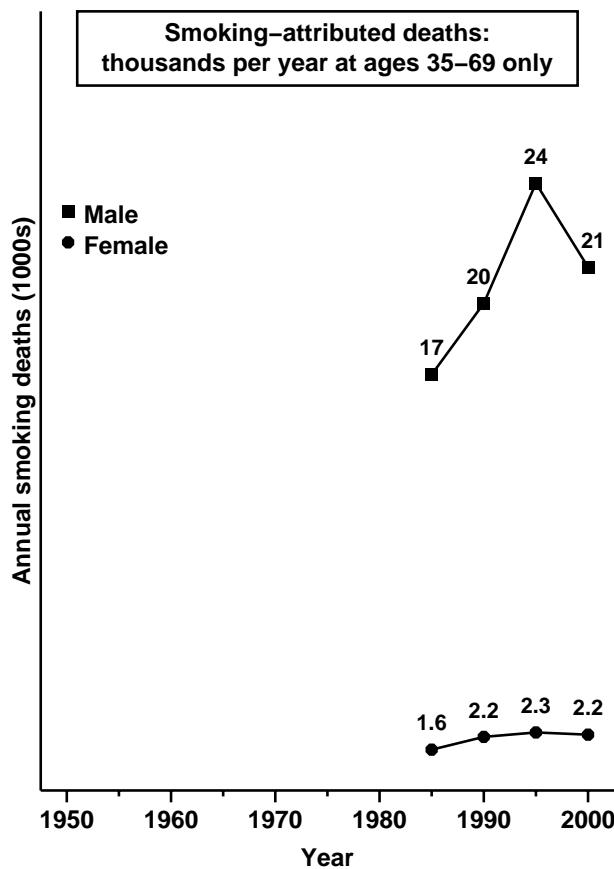
ROMANIA: 1980-2000**Numbers of deaths attributed to smoking / total deaths (thousands)**

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	-/14	17/53 (31%)	5.4/63 (9%)	22/130	-/8.5	1.6/32 (5%)	0.5/76 (0.7%)	2.2/116
1990	-/13	20/62 (32%)	4.2/56 (8%)	24/132	-/8.1	2.2/36 (6%)	0.8/72 (1%)	2.9/115
1995	-/10	24/76 (32%)	5.7/63 (9%)	30/149	-/5.5	2.3/38 (6%)	1.2/79 (1%)	3.5/123
2000	-/8.7	21/64 (33%)	6.5/64 (10%)	28/136	-/4.7	2.2/34 (7%)	2.6/81 (3%)	4.9/119

20-year total* (thousands), mid-1980 to mid-2000: 580 / 5183**1980-2000 by age & sex:**

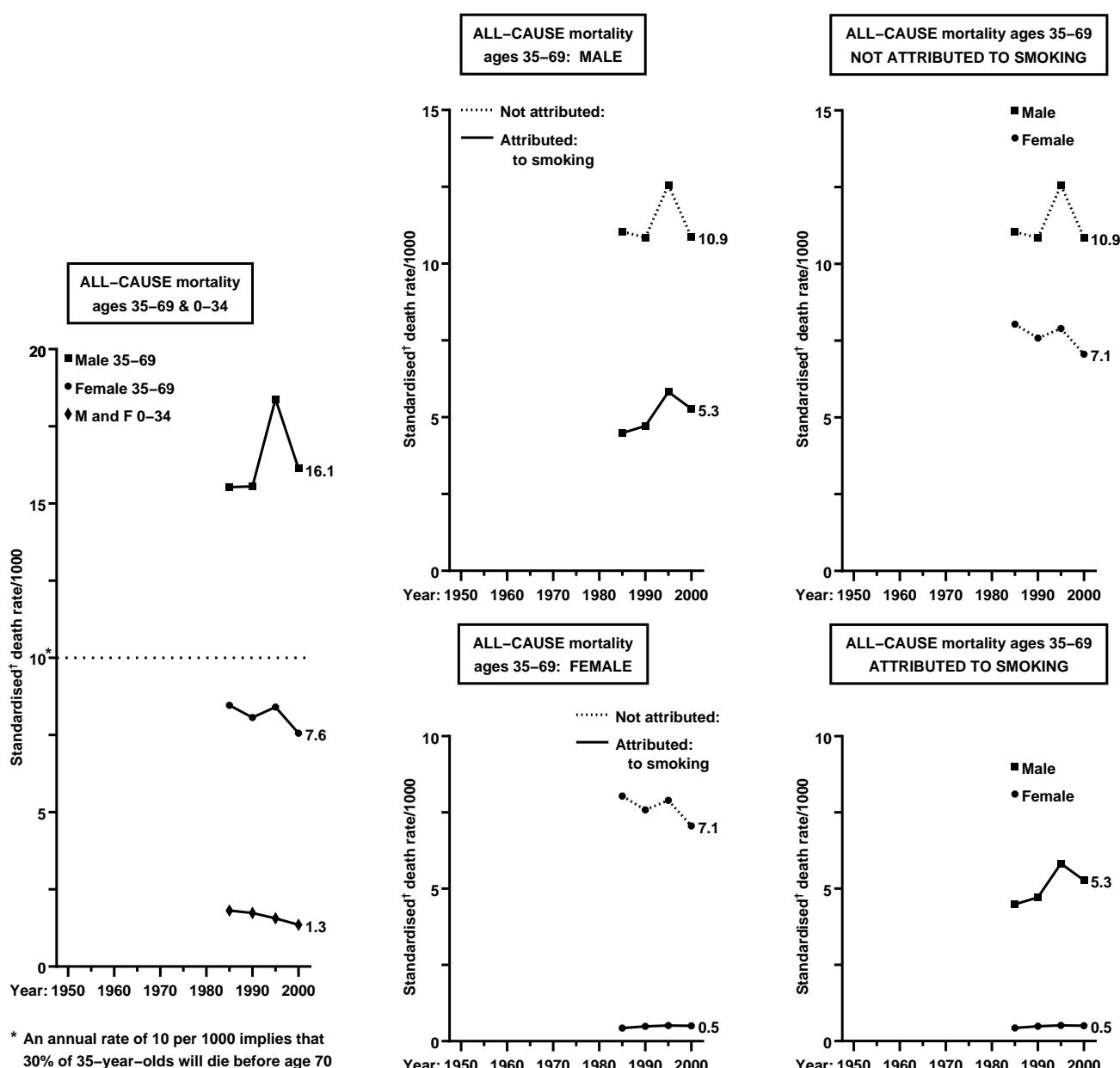
-/240	412/1288 (32%)	111/1260 (9%)	523/2788	-/141	40/699 (6%)	17/1556 (1%)	57/2396
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*Estimated as 10 times the sum of the annual numbers for 1985 & 1995

1985-2000: ROMANIA

ROMANIA: 1985-2000

ALL-CAUSE mortality rates attributed and not attributed to smoking

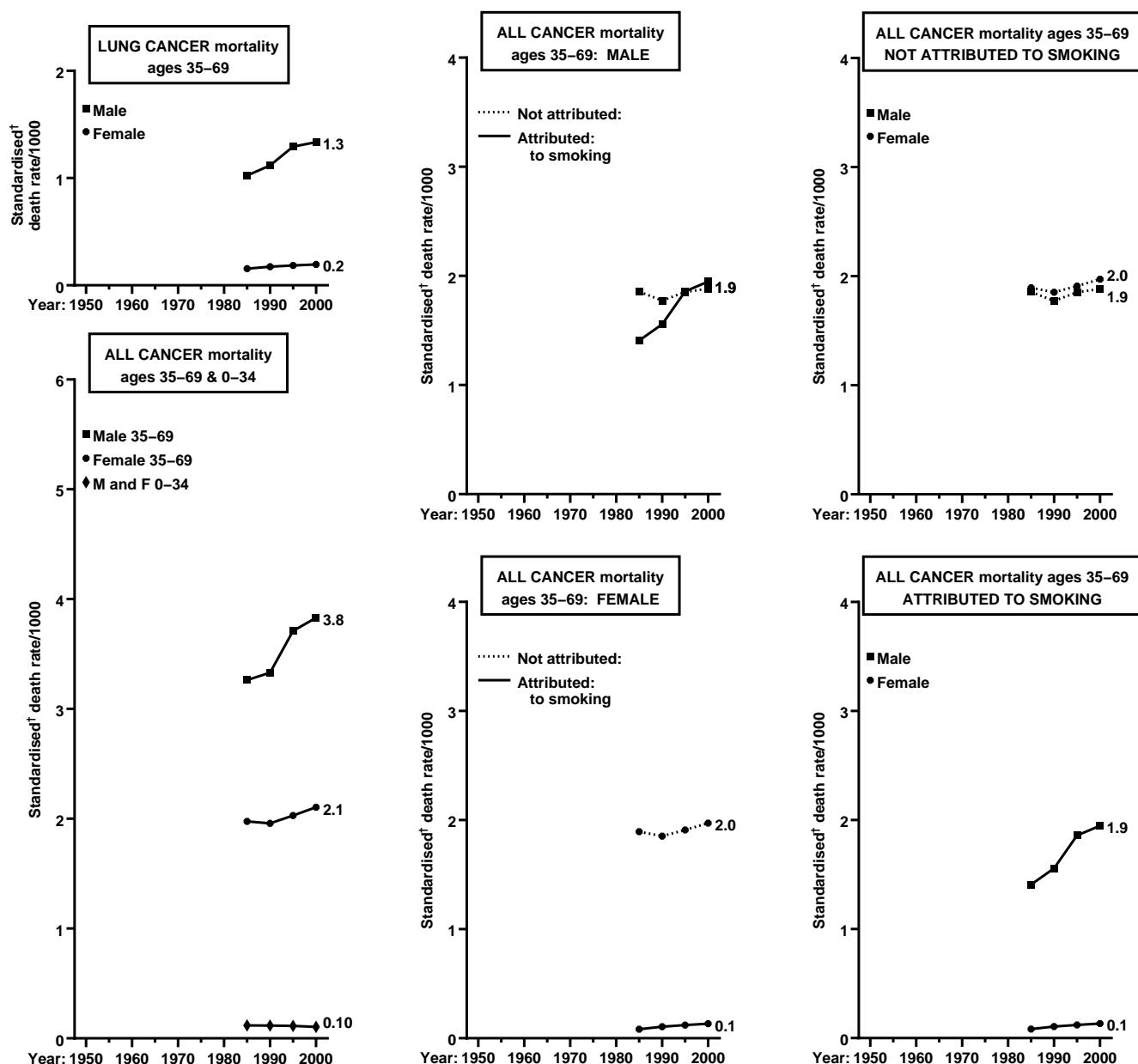


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	
1955	
1960	
1965	
1970	
1975	
1980	
1985	-	2.19	4.48	11.0	7.32	70.2	-	1.43	0.43	8.03	0.64	58.4
1990	-	2.13	4.71	10.8	6.45	64.0	-	1.33	0.48	7.58	0.81	51.8
1995	-	1.98	5.82	12.6	7.58	66.3	-	1.13	0.51	7.89	0.99	51.7
2000	-	1.68	5.27	10.9	7.83	60.8	-	1.02	0.50	7.06	1.82	47.3

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

1985-2000: ROMANIA

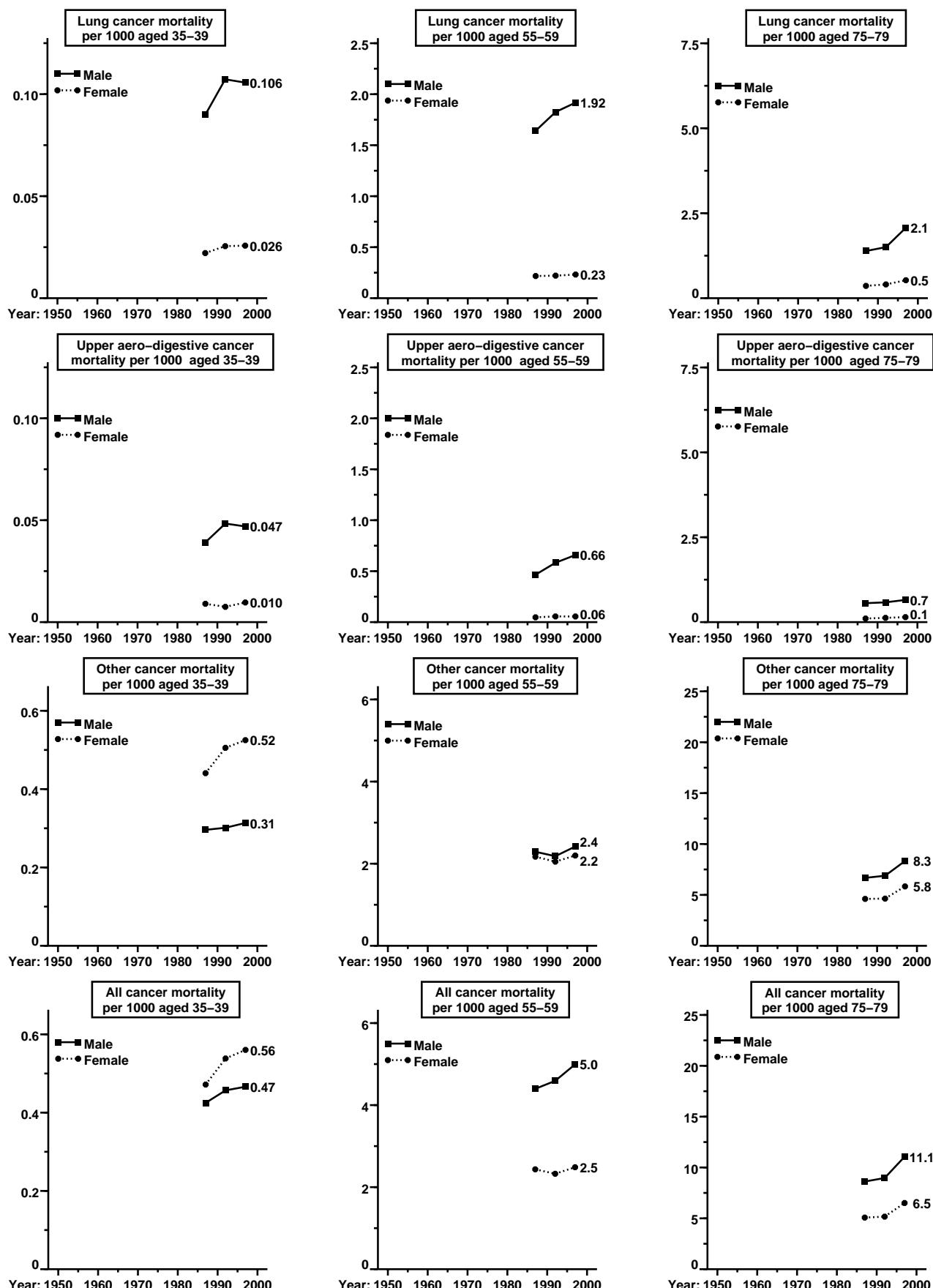
ALL CANCER mortality rates attributed and not attributed to smoking



[†] 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		Yes	No	0–34		35–69		70–79	
		Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950
1955
1960
1965
1970
1975
1980
1985	–	0.13	1.41	1.85	1.58	7.00	–	0.11	0.08	1.89	0.07	4.95	–	–	–
1990	–	0.12	1.56	1.77	1.65	6.76	–	0.11	0.11	1.85	0.11	4.90	–	–	–
1995	–	0.12	1.86	1.85	2.40	7.48	–	0.11	0.12	1.91	0.17	5.38	–	–	–
2000	–	0.11	1.95	1.88	2.76	7.97	–	0.10	0.13	1.97	0.37	5.79	–	–	–

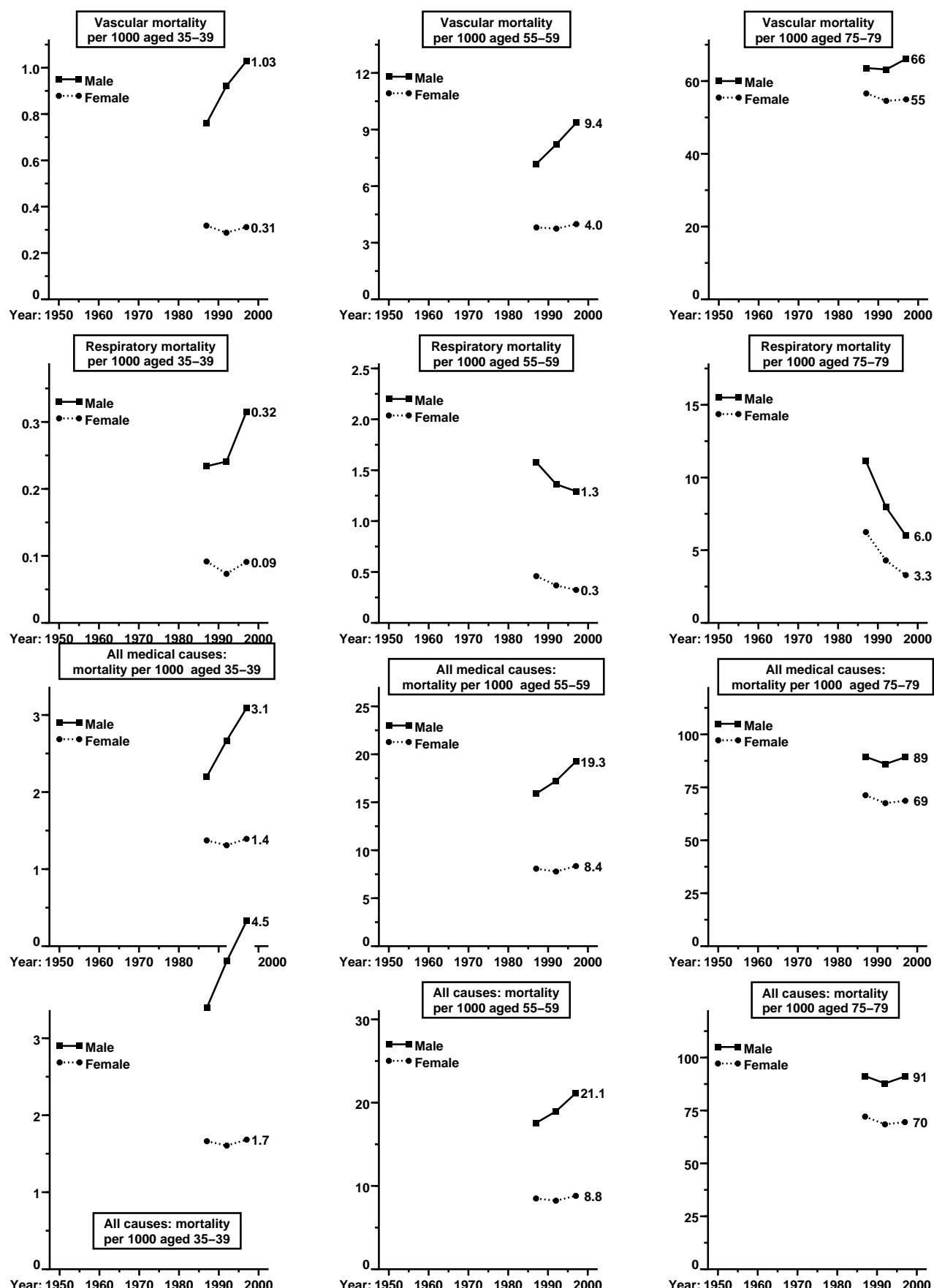
0–34 and 35–69 = means of 7 age-specific rates; 70–79 = mean of 2 rates (70–74 & 75–79)

ROMANIA: 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 398-399

1985-2000: ROMANIA

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 398-399