

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

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AUSTRIA

Raw data (pages 62–63, 64–65)

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AUSTRIA: 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 35211	1434	12196	834.8	77.9	824.6	122.1	14.9	17.6	84.7	105.7	105.0	95.2			
	F 41569	629	6279	530.8	37.2	395.5	100.9	10.9	12.3	30.6	34.8	32.2	38.9			
Tuberculosis	M 48	1	25	1.1	0.0	1.5	-	-	-	-	-	-	-	0.3		
	F 26	1	7	0.4	0.0	0.4	-	-	-	-	-	-	-	0.3		
HIV	M 37	9	27	0.9	0.4	1.3	-	-	-	0.8	0.4	1.1	0.8			
	F 13	4	9	0.3	0.2	0.5	-	-	-	-	-	0.4	0.9			
Other infective and parasitic	M 83	5	43	2.0	0.3	2.9	1.0	0.4	-	-	0.4	0.4	-			
	F 101	7	30	1.7	0.4	1.9	1.0	-	0.4	-	0.4	0.4	0.6			
ALL CANCER	M 9524	101	4123	224.4	5.1	286.3	2.9	2.5	3.8	3.2	3.4	8.8	10.8			
	F 9225	86	2988	141.3	4.3	187.1	1.5	1.7	3.1	3.4	1.8	6.0	12.5			
Mouth and pharynx cancer	M 350	-	275	8.6	-	17.7	-	-	-	-	-	-	-			
	F 129	1	60	2.2	0.0	3.8	-	-	-	-	-	-	0.3			
Oesophagus cancer	M 207	2	128	5.0	0.1	8.5	-	-	-	-	-	-	0.4	0.3		
	F 59	1	23	1.0	0.0	1.5	-	-	-	-	-	-	0.3			
Stomach cancer	M 637	10	217	14.9	0.4	15.1	-	-	-	-	-	0.4	0.4	2.2		
	F 592	2	148	8.4	0.1	9.4	-	-	-	-	-	-	-	0.6		
Colorectal cancer	M 1240	2	443	29.0	0.1	31.9	-	-	-	-	-	0.4	-	0.3		
	F 1296	1	296	17.8	0.0	18.7	-	-	-	-	-	-	-	0.3		
Liver cancer	M 257	2	126	6.0	0.1	9.2	0.5	0.4	-	-	-	-	-	-		
	F 107	-	24	1.5	-	1.6	-	-	-	-	-	-	-	-		
Pancreas cancer	M 572	-	268	13.4	-	19.0	-	-	-	-	-	-	-	-		
	F 692	3	195	10.0	0.1	12.7	-	-	-	-	-	-	0.4	0.6		
Larynx cancer	M 153	-	106	3.7	-	7.2	-	-	-	-	-	-	-	-		
	F 18	-	10	0.3	-	0.6	-	-	-	-	-	-	-	-		
Lung cancer	M 2285	6	1225	53.9	0.2	85.1	-	-	-	-	-	-	-	1.7		
	F 984	5	438	16.8	0.2	27.1	-	-	-	-	-	-	0.7	0.9		
Malignant melanoma	M 136	1	68	3.2	0.1	4.4	-	-	-	-	-	-	0.4	-		
	F 126	7	50	2.1	0.3	3.1	-	-	-	-	-	-	1.1	0.9		
Female breast cancer	M 1671	15	695	27.7	0.6	42.2	-	-	-	-	-	-	-	1.1	3.5	
Cervix cancer	M 138	2	68	2.5	0.1	4.1	-	-	-	-	-	-	0.4	0.3		
Other uterine cancer	M 368	4	119	5.6	0.2	7.6	-	-	-	-	-	-	-	0.9		
Ovarian cancer	M 549	2	204	8.8	0.1	13.1	-	-	-	-	-	-	-	0.6		
Prostate cancer	M 1229	-	191	28.6	-	14.9	-	-	-	-	-	-	-	-	-	
Bladder cancer	M 320	-	82	7.5	-	6.1	-	-	-	-	-	-	-	-	-	
	F 175	-	24	2.2	-	1.5	-	-	-	-	-	-	-	-	-	
Other and ill-defined cancer sites	M 1418	50	697	33.7	2.6	47.4	1.0	1.7	2.9	2.0	1.7	4.2	4.4			
	F 1589	25	419	23.3	1.4	26.5	1.0	0.9	2.6	0.8	0.9	1.8	1.7			
Hodgkin's disease	M 18	2	8	0.4	0.1	0.5	-	-	-	-	-	0.4	-	0.3		
	F 12	2	7	0.2	0.1	0.4	-	-	-	-	-	-	0.4	0.3		
Myeloma and non-Hodgkin lymphomas	M 383	8	160	8.9	0.4	10.8	-	-	0.4	0.4	-	1.8	0.3			
	F 432	4	127	6.4	0.2	8.4	-	-	0.4	0.4	0.4	-	0.6			
Leukaemia	M 319	18	129	7.6	1.0	8.5	1.4	0.4	0.4	0.8	0.4	1.8	1.4			
	F 288	12	81	4.4	0.7	5.0	0.5	0.9	0.4	1.7	-	0.4	0.9			
Diabetes	M 550	3	175	12.9	0.1	12.7	-	-	-	-	-	-	-	0.8		
	F 838	2	109	10.2	0.1	7.4	-	-	-	-	-	-	0.4	0.3		
ALL VASCULAR DISEASE	M 16259	77	4190	382.2	3.9	294.4	3.4	1.2	0.8	1.2	5.5	6.3	8.6			
	F 23852	54	1688	268.6	2.8	110.8	1.0	0.4	0.4	3.0	3.5	5.3	5.8			
Rheumatic heart disease and fever	M 35	1	15	0.8	0.1	1.2	-	-	-	0.4	-	-	-			
Hypertensive disease	M 411	-	94	9.7	-	6.7	-	-	-	-	-	-	-			
	F 970	1	65	10.8	0.0	4.3	-	-	-	-	-	-	-	0.3		
Ischaemic heart disease	M 7724	21	2446	181.4	0.9	171.3	-	-	-	-	0.8	1.1	4.4			
	F 8518	6	668	97.2	0.3	44.5	-	-	-	-	0.4	0.4	1.2			
Pulmonary embolism and other venous disease	M 340	2	108	8.0	0.1	7.5	-	-	-	-	-	0.4	0.3			
	F 709	11	109	9.0	0.6	6.9	-	-	-	1.3	0.4	1.4	0.9			
Cerebrovascular disease	M 3136	17	590	73.4	0.9	42.1	0.5	0.4	0.4	0.4	0.8	1.8	1.7			
	F 5733	11	393	64.3	0.5	25.4	-	-	-	-	1.3	1.1	1.5			
Other vascular disease	M 4613	36	937	108.9	2.0	65.6	2.9	0.8	0.4	0.4	3.8	3.2	2.2			
	F 7780	24	436	85.5	1.3	28.5	1.0	0.4	0.4	1.7	1.3	2.1	2.0			
Chronic obstructive pulmonary disease	M 1241	6	318	28.9	0.3	23.1	0.5	0.4	-	0.4	0.4	-	0.6			
	F 954	5	118	11.7	0.3	7.7	0.5	0.4	0.9	-	-	-	0.3			
Other respiratory disease	M 766	15	177	18.3	0.9	12.1	1.9	0.4	-	-	1.3	2.1	0.3			
	F 1126	4	87	12.7	0.2	5.5	0.5	0.4	-	-	0.4	0.4	-			
Peptic ulcer	M 110	-	35	2.6	-	2.4	-	-	-	-	-	-	-	-		
	F 150	-	23	1.8	-	1.4	-	-	-	-	-	-	-	-		
Liver cirrhosis	M 1241	18	901	29.9	0.8	58.2	-	-	-	0.4	-	1.4	3.6			
	F 572	8	306	10.6	0.3	18.6	-	-	-	-	-	0.7	1.7			
Renal disease	M 308	2	73	7.2	0.1	5.0	-	-	-	-	-	-	-	0.6		
	F 445	2	52	5.3	0.1	3.4	-	-	-	-	-	-	0.7	-		
Pregnancy, birth and congenital and perinatal causes	F 2	1	1	0.1	0.1	0.0	-	-	-	0.4	-	-	-			
Ill-defined causes	M 208	190	16	7.6	12.8	0.9	84.8	1.2	1.3	-	0.4	1.4	0.6			
	F 164	151	10	6.2	10.7	0.5	66.6	3.9	0.9	1.3	1.8	0.4	-			
Other medical causes	M 246	23	23	6.3	1.5	1.5	10.1	-	-	-	-	-	0.4	0.3		
	F 634	20	11	7.1	1.4	0.7	10.1	-	-	-	-	-	-	-		
ALL NON-MEDICAL CAUSES	M 2966	880	1436	71.8	46.2	82.4	10.1	7.9	9.2	72.6	88.4	75.4	59.7			
	F 1433	218	494	25.7	12.5	28.1	11.6	3.5	5.7	19.5	21.6	13.4	11.9			
Road traffic accidents	M 653	344	239	16.2	18.5	13.1	1.9	2.1	2.9	36.1	40.8	27.8	17.5			
	F 220	73	82	4.8	4.2	4.6	0.5	0.9	2.2	8.5	8.8	6.4	2.0			
Fire	M 99	50	44	2.4	2.7	2.3	1.0	2.1	0.8	5.7	3.4	3.2	2.8			
	F 54	20	16	1.1	1.1	0.9	0.5	0.9	1.3	1.3	2.2	0.4	1.5			
Suicide	M 1156	259	648	27.6	13.2	37.0	-	-	1.7	19.5	24.4	24.7	21.9			
	F 432	65	238	8.8	3.5	13.4	-	-	1.8	5.1	6.6	4.9	5.8			
Homicide	M 26	12	10	0.7	0.7	0.6	1.4	0.8	-	-	1.3	0.7	0.6			
	F 49	16	18	1.1	0.9	1.0	2.5	0.4	-	1.3	0.4	1.1	0.9			
POPULATION: (1000s; UN, 2004 revision)	M=male	3945.5	1817.1	1810.3	208.8	241.0	238.9	246.7	237.5	283.9	360.3					
	F=female	4150.7	1744.3	1815.8	198.3	229.2	226.8	235.4	227.3	282.9	344.4					

2000: AUSTRIA

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
130.3	230.2	343.5	622.9	919.6	1331.4	2193.9	3564.1	5805.9	13499.4	F	Tuberculosis	010-018, 137/ A15-A19, B90
67.9	129.7	203.3	320.6	439.8	606.8	1000.5	1842.7	3486.9	11964.1	F	HIV	279.5, 279.6/B20-B24
0.3	1.9	0.8	2.8	1.2	1.5	1.9	7.2	3.0	11.1	F	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
-	0.3	0.4	0.8	-	0.9	0.5	1.0	2.6	5.4	F		
2.4	2.5	1.5	1.2	0.4	-	1.2	0.7	-	-	M		
0.6	0.7	0.8	0.8	-	-	0.5	-	-	-	F		
0.8	0.6	2.3	1.6	2.1	4.9	8.0	8.6	10.2	16.1	M		
0.6	0.3	0.8	2.8	0.4	3.2	5.3	8.8	9.8	13.8	F		
17.3	44.6	95.0	206.8	341.4	499.0	799.9	1178.7	1606.7	2574.8	M	ALL CANCER	140-208/C00-C97
22.1	61.0	103.0	164.1	228.1	318.9	412.4	652.1	914.2	1532.2	F		
1.6	6.3	11.7	19.5	24.3	27.3	33.4	25.9	14.2	30.9	M	Mouth and pharynx cancer	140-149/C00-C14
-	0.7	1.9	4.0	3.6	8.7	7.9	5.7	11.3	17.2	F	Oesophagus cancer	150/C15
0.3	0.6	4.5	10.3	13.2	14.1	16.1	24.5	21.3	27.2	M		
-	-	0.4	2.4	1.2	2.3	4.2	3.6	8.7	5.4	F		
1.4	1.6	5.3	11.9	17.7	23.4	44.5	76.4	132.1	215.1	M	Stomach cancer	151/C16
1.4	2.7	5.8	6.8	10.4	14.1	24.3	40.5	61.6	120.0	F		
0.3	3.2	6.4	19.9	33.4	56.5	103.8	167.9	244.9	396.8	M	Colorectal cancer	153, 154/C18-C21
2.9	5.0	5.4	15.7	22.7	36.5	42.7	84.6	125.8	290.7	F		
0.5	0.6	0.8	3.6	10.3	17.1	31.5	33.1	55.9	34.6	M	Liver cancer	155.0/C22 excl C221
-	-	1.2	1.6	2.3	4.2	10.9	19.5	11.8	F			
0.5	1.6	6.8	11.1	20.6	36.5	55.6	84.3	92.5	118.7	M	Pancreas cancer	157/C25
1.2	2.3	5.0	8.0	11.2	24.6	36.4	45.7	81.2	122.0	F		
-	2.5	1.5	6.4	7.8	15.6	16.7	18.0	14.2	9.9	M	Larynx cancer	161/C32
-	-	0.4	1.2	1.2	1.4	-	1.0	2.6	0.5	F		
2.7	9.8	28.4	62.5	110.1	152.0	230.4	315.6	351.6	333.7	M	Lung cancer	162/C33, C34
2.3	8.0	17.8	28.2	39.9	40.1	53.8	75.3	95.5	103.3	F		
0.8	1.6	1.1	4.4	7.8	6.3	8.6	15.1	18.3	34.6	M	Malignant melanoma	172/C43
-	1.0	3.9	2.8	3.6	4.6	5.8	4.2	13.9	16.7	F		
7.5	20.9	29.4	38.2	58.6	71.6	69.1	107.5	132.0	244.5	F	Female breast cancer	174/C50
0.6	2.0	5.4	4.8	4.8	5.0	5.8	10.9	9.8	13.8	F	Cervix cancer	180/C53
0.3	2.3	2.7	6.0	10.8	11.9	19.0	26.5	37.5	59.5	F	Other uterine cancer	179, 182/C54, C55
0.6	3.0	5.0	10.9	14.8	24.6	32.7	48.8	44.2	80.2	F	Ovarian cancer	183/C56, C570-C574
-	0.3	0.8	2.4	9.9	25.3	65.5	128.2	273.4	730.5	M	Prostate cancer	185/C61
-	0.3	0.4	4.0	5.4	9.3	23.5	35.3	73.2	144.6	M	Bladder cancer	188/C67
0.3	0.3	0.8	-	2.0	4.1	3.2	10.4	16.9	48.2	F		
5.4	10.4	20.1	37.4	53.2	83.3	121.7	162.8	193.1	315.2	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
3.7	8.3	11.6	23.3	29.1	44.3	64.9	123.6	173.1	280.4	F	Hodgkin's disease	201/C81
0.3	0.6	-	-	0.4	0.5	1.9	0.7	2.0	6.2	M		
-	0.7	-	-	0.4	0.9	1.1	-	1.0	0.5	F		
1.9	2.5	3.8	7.6	14.8	17.1	27.8	52.6	75.2	84.1	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	0.7	2.7	5.6	9.2	15.5	24.8	33.7	52.9	65.4	F		
1.6	2.5	3.4	6.0	12.4	14.6	19.1	38.2	44.7	92.7	M	Leukaemia	204-208/C91-C95
1.4	3.3	3.5	4.4	3.2	6.4	12.7	19.2	26.7	52.1	F		
0.8	1.6	3.0	6.4	12.4	19.0	45.7	68.4	104.7	215.1	M	Diabetes	250/E10-E14
0.3	0.7	2.3	3.2	4.8	12.3	28.0	44.7	88.9	230.2	F		
19.5	55.7	100.3	190.5	309.3	473.7	911.7	1682.3	3057.9	8217.6	M	ALL VASCULAR DISEASE	390-459/I00-I99
10.9	21.2	39.1	68.0	102.5	158.3	375.5	839.0	1917.8	8244.0	F		
-	-	0.4	0.4	0.8	1.0	5.6	2.2	5.1	13.6	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	0.8	0.4	-	1.8	5.3	8.3	12.8	40.8	F		
0.3	0.6	3.4	4.0	7.0	8.3	23.5	33.9	82.3	233.6	M	Hypertensive disease	401-405/I10-I15
0.3	0.3	1.2	3.6	3.6	8.7	12.1	31.2	77.6	340.9	F		
7.6	31.0	63.6	117.3	181.4	287.0	511.4	890.5	1427.8	3233.6	M	Ischaemic heart disease	410-414/I20-I25
2.0	5.3	11.6	24.9	44.3	62.0	161.4	358.8	774.5	2776.7	F		
1.4	1.9	2.3	5.2	7.4	10.7	23.5	40.3	62.0	139.7	M	Pulmonary embolism	415.1, 451-453/ I26, I80-I82
1.2	1.7	3.5	4.8	9.6	9.6	17.9	31.7	71.9	190.9	F		
3.8	8.9	12.9	22.7	40.0	60.4	145.8	299.0	665.7	1803.5	M	Cerebrovascular disease	430-438/I60-I69
3.2	8.6	12.4	14.9	20.7	37.0	81.2	191.1	481.3	1979.3	F		
6.5	13.3	17.8	41.0	72.6	106.2	202.0	416.4	815.0	2793.6	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
4.3	5.3	9.7	19.3	24.3	39.2	97.6	218.1	499.7	2915.4	F		
0.3	2.5	7.2	6.8	26.8	38.0	80.3	148.4	264.2	557.5	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.3	0.7	3.5	4.4	9.2	12.8	23.2	51.4	97.1	267.1	F		
2.4	3.5	4.2	8.8	10.3	21.0	34.6	63.4	108.7	468.5	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.2	2.0	2.3	3.2	8.0	6.4	15.3	28.6	73.4	411.7	F		
0.3	-	0.8	2.0	3.3	4.9	5.6	15.9	13.2	49.4	M	Peptic ulcer	531-533/K25-K27
0.6	1.0	-	0.4	2.0	2.7	3.2	5.7	13.9	43.8	F		
8.7	19.3	33.7	66.0	72.2	96.5	111.2	104.5	122.0	70.5	M	Liver cirrhosis	571/K70, K74
2.6	8.6	12.4	24.5	25.9	23.3	32.7	39.5	43.7	47.7	F		
0.5	1.9	1.5	2.0	4.5	12.7	11.7	20.9	62.0	176.8	M	Renal disease	580-590/N00-N19
-	1.3	1.5	1.2	2.0	5.9	12.1	18.7	28.2	147.6	F		
-	0.3	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-O99
0.5	0.9	0.4	1.2	2.5	-	0.6	0.7	1.0	-	M	III-defined causes	740-779/A33, P00-P96, Q00-Q99
1.4	0.3	0.4	0.8	0.4	-	-	-	1.0	0.5	F		
0.3	1.3	1.5	0.8	0.8	1.9	3.7	7.2	17.3	213.8	M		
0.6	-	0.4	-	1.6	0.5	1.6	6.2	19.5	272.0	F		
7.0	21.5	31.8	41.8	43.3	66.8	67.3	134.7	263.2	543.9	M	Other medical causes	Rest of 001-799/ rest of A00-R99
5.8	8.6	12.4	18.1	21.5	30.6	53.8	96.6	192.1	522.4	F		
69.1	72.2	59.8	84.3	89.1	91.6	110.6	122.5	171.7	384.4	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
21.0	22.6	24.0	28.2	33.5	31.0	36.4	50.4	84.7	225.8	F		
17.3	9.5	11.0	14.3	11.1	15.1	13.6	17.3	19.3	33.4	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
4.3	5.0	4.3	4.4	3.6	4.6	5.8	10.9	9.8	12.3	F		
3.5	3.5	1.1	2.0	2.1	1.5	2.5	0.7	2.0	2.5	M	Fire	E890-E899/X00-X09
0.3	1.0	0.8	2.0	0.8	1.4	-	-	4.6	4.4	F		
29.0	34.2	27.6	37.8	43.7	43.9	42.6	55.5	73.2	123.6	M	Suicide	E950-E959/X60-X84
10.6	12.3	10.5	12.5	17.9	14.1	15.8	19.2	20.0	26.1	F		
0.3	0.3	1.9	0.4	-	0.5	0.6	0.7	2.0	1.2	M	Homicide	E960-E969/ X85-X99, Y00-Y09
2.0	-	1.2	0.8	0.8	0.5	1.6	2.1	2.1	3.4	F		
369.2	315.8	264.3	251.4	242.5	205.2	161.9	138.8	98.4	80.9	M	POPULATION	
347.8	301.5	258.3	248.6	250.8	219.2	189.6	192.6	194.7	203.3	F	(1000s; UN, 2004 revision)	

AUSTRIA: 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	1912	102	2	3	97	6	17	114	22	479	1172
35-69	Sm.	3658	1829	1177	322	330	241	35	1233	—	320	—
	Total	13750	4335	1294	539	2502	325	139	5091	1096	1226	1538
(27%)		(42%)	(91%)	(60%)	(13%)	(74%)	(25%)	(24%)			(26%)	
70+	Sm.	3481	1425	912	98	415	624	40	1213	—	179	—
	Total	21978	5187	1027	183	3977	913	449	12616	338	1838	637
(16%)		(27%)	(89%)	(54%)	(10%)	(68%)	(9%)	(10%)			(10%)	
Any age	Sm.	7139	3254	2089	420	745	865	75	2446	—	499	—
	Total	37640	9624	2323	725	6576	1244	605	17821	1456	3543	3347
(19%)		(34%)	(90%)	(58%)	(11%)	(70%)	(12%)	(14%)			(14%)	
2000												
0-34	Sm.	—	—	—	—	—	—	—	—	—	—	—
	Total	1434	101	6	2	93	6	15	77	18	337	880
35-69	Sm.	3142	1671	1101	290	280	226	40	948	—	257	—
	Total	12196	4123	1225	509	2389	318	177	4190	901	1051	1436
(26%)		(41%)	(90%)	(57%)	(12%)	(71%)	(23%)	(23%)			(24%)	
70+	Sm.	3190	1392	920	101	371	595	45	1003	—	155	—
	Total	21581	5300	1054	199	4047	917	574	11992	322	1826	650
(15%)		(26%)	(87%)	(51%)	(9%)	(65%)	(8%)	(8%)			(8%)	
Any age	Sm.	6332	3063	2021	391	651	821	85	1951	—	412	—
	Total	35211	9524	2285	710	6529	1241	766	16259	1241	3214	2966
(18%)		(32%)	(88%)	(55%)	(10%)	(66%)	(11%)	(12%)			(13%)	

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	3902.2	1972.5	1651.9	318.5	268.2	258.1	253.1	214.9	175.7	163.4	126.2	62.9	88.7	
2000	3945.5	1817.1	1810.3	369.2	315.8	264.3	251.4	242.5	205.2	161.9	138.8	98.4	80.9	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	37640	1912	13750	557	743	1109	1767	2161	3104	4309	5186	4033	12759	
2000	35211	1434	12196	481	727	908	1566	2230	2732	3552	4947	5713	10921	
Lung cancer														
1995	2323	2	1294	10	30	80	188	206	321	459	427	260	340	
2000	2285	6	1225	10	31	75	157	267	312	373	438	346	270	
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	950.7*	92.6*	998.4*	174.9	277.0	429.7	698.1	1005.6	1766.6	2637.1	4109.4	6411.8	14384.4	
2000	834.8*	77.9*	824.6*	130.3	230.2	343.5	622.9	919.6	1331.4	2193.9	3564.1	5805.9	13499.4	
All cancer														
1995	246.9*	4.7*	323.2*	19.8	51.1	108.1	239.8	316.4	602.2	924.7	1266.2	1769.5	2791.4	
2000	224.4*	5.1*	286.3*	17.3	44.6	95.0	206.8	341.4	499.0	799.9	1178.7	1606.7	2574.8	
Lung cancer														
1995	60.6*	0.1*	97.0*	3.1	11.2	31.0	74.3	95.9	182.7	280.9	338.4	413.4	383.3	
2000	53.9*	0.2*	85.1*	2.7	9.8	28.4	62.5	110.1	152.0	230.4	315.6	351.6	333.7	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	19.2*	0.1*	37.7*	2.5	7.8	21.3	45.0	51.2	67.2	69.2	62.6	55.6	77.8	
2000	17.2*	0.1*	33.4*	1.9	9.5	17.8	36.2	45.4	57.0	66.1	68.4	49.8	68.0	
Other cancer														
1995	167.2*	4.5*	188.4*	14.1	32.1	55.8	120.5	169.4	352.3	574.7	865.3	1300.5	2330.3	
2000	153.2*	4.7*	167.8*	12.7	25.3	48.8	108.2	186.0	290.0	503.4	794.7	1205.3	2173.1	
Chronic obstructive pulmonary disease (COPD)														
1995	31.2*	0.3*	25.6*	0.3	3.0	4.6	11.1	17.7	42.1	100.4	176.7	290.9	571.6	
2000	28.9*	0.3*	23.1*	0.3	2.5	7.2	6.8	26.8	38.0	80.3	148.4	264.2	557.5	
Other respiratory disease														
1995	14.9*	0.8*	9.9*	1.3	3.4	3.9	9.9	10.2	20.5	20.2	47.5	85.9	377.7	
2000	18.3*	0.9*	12.1*	2.4	3.5	4.2	8.8	10.3	21.0	34.6	63.4	108.7	468.5	
Vascular disease														
1995	445.2*	5.0*	385.6*	27.6	62.6	124.8	196.0	365.8	726.2	1196.5	2019.8	3480.1	8881.6	
2000	382.2*	3.9*	294.4*	19.5	55.7	100.3	190.5	309.3	473.7	911.7	1682.3	3057.9	8217.6	
Liver cirrhosis														
1995	38.4*	0.9*	74.0*	20.7	31.3	52.7	77.0	95.9	132.6	107.7	133.1	120.8	106.0	
2000	29.9*	0.8*	58.2*	8.7	19.3	33.7	66.0	72.2	96.5	111.2	104.5	122.0	70.5	
Other medical causes														
1995	91.0*	25.6*	84.6*	25.4	42.9	46.9	69.9	95.9	138.3	173.2	322.5	478.5	1274.0	
2000	79.2*	20.8*	68.1*	13.0	32.3	43.5	59.7	70.5	111.6	145.8	264.4	474.6	1226.2	
All non-medical causes														
1995	83.2*	55.3*	95.5*	79.7	82.8	88.7	94.4	103.8	104.7	114.4	143.4	186.0	382.2	
2000	71.8*	46.2*	82.4*	69.1	72.2	59.8	84.3	89.1	91.6	110.6	122.5	171.7	384.4	

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

1995, 2000: AUSTRIA

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	779	114	6	1	107	4	16	53	9	313	270
35-69 Sm.	551	247	195	19	33	55	6	184	—	59	—
Total	7094	3225	335	66	2824	128	60	2165	366	682	468
(%)	(8%)	(8%)	(58%)	(29%)	(1%)	(43%)	(10%)	(8%)		(9%)	
70+ Sm.	1492	373	285	22	66	312	19	680	—	108	—
Total	35658	6191	492	80	5619	709	656	23408	270	3613	811
(%)	(4%)	(6%)	(58%)	(28%)	(1%)	(44%)	(3%)	(3%)		(3%)	
Any age Sm.	2043	620	480	41	99	367	25	864	—	167	—
Total	43531	9530	833	147	8550	841	732	25626	645	4608	1549
(%)	(5%)	(7%)	(58%)	(28%)	(1%)	(44%)	(3%)	(3%)		(4%)	
2000											
0-34 Sm.	—	—	—	—	—	—	—	—	—	—	—
Total	629	86	5	2	79	5	4	54	8	254	218
35-69 Sm.	726	373	296	32	45	62	10	204	—	77	—
Total	6279	2988	438	93	2457	118	87	1688	306	598	494
(%)	(12%)	(12%)	(68%)	(34%)	(2%)	(53%)	(11%)	(12%)		(13%)	
70+ Sm.	1827	459	344	34	81	417	37	784	—	130	—
Total	34661	6151	541	111	5499	831	1035	22110	258	3555	721
(%)	(5%)	(7%)	(64%)	(31%)	(1%)	(50%)	(4%)	(4%)		(4%)	
Any age Sm.	2553	832	640	66	126	479	47	988	—	207	—
Total	41569	9225	984	206	8035	954	1126	23852	572	4407	1433
(%)	(6%)	(9%)	(65%)	(32%)	(2%)	(50%)	(4%)	(4%)		(5%)	

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	4144.1	1879.4	1695.5	302.4	260.0	251.6	256.1	222.6	195.0	207.8	223.8	123.8	221.6	
2000	4150.7	1744.3	1815.8	347.8	301.5	258.3	248.6	250.8	219.2	189.6	192.6	194.7	203.3	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	43531	779	7094	240	356	579	893	987	1468	2571	4904	4715	26039	
2000	41569	629	6279	236	391	525	797	1103	1330	1897	3549	6789	24323	
Lung cancer														
1995	833	6	335	8	18	40	59	40	66	104	148	102	242	
2000	984	5	438	8	24	46	70	100	88	102	145	186	210	
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	567.7*	41.3*	461.2*	79.4	136.9	230.1	348.7	443.4	752.8	1237.2	2191.2	3808.6	11750.5	
2000	530.8*	37.2*	395.5*	67.9	129.7	203.3	320.6	439.8	606.8	1000.5	1842.7	3486.9	11964.1	
All cancer														
1995	152.1*	5.4*	208.7*	30.4	61.9	117.2	180.8	234.1	348.7	487.5	705.1	945.9	1553.2	
2000	141.3*	4.3*	187.1*	22.1	61.0	103.0	164.1	228.1	318.9	412.4	652.1	914.2	1532.2	
Lung cancer														
1995	14.1*	0.3*	21.5*	2.6	6.9	15.9	23.0	18.0	33.8	50.0	66.1	82.4	109.2	
2000	16.8*	0.2*	27.1*	2.3	8.0	17.8	28.2	39.9	40.1	53.8	75.3	95.5	103.3	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	2.6*	0.0*	4.2*	0.7	0.8	3.6	5.5	4.5	6.7	7.7	7.6	14.5	20.3	
2000	3.5*	0.1*	5.9*	—	0.7	2.7	7.6	6.0	12.3	12.1	10.4	22.6	23.1	
Other cancer														
1995	135.4*	5.1*	183.0*	27.1	54.2	97.8	152.3	211.6	308.2	429.7	631.4	848.9	1423.7	
2000	120.9*	4.0*	154.0*	19.8	52.4	82.5	128.3	182.2	266.4	346.5	566.5	796.1	1405.8	
Chronic obstructive pulmonary disease (COPD)														
1995	10.8*	0.2*	8.5*	0.3	0.8	3.2	7.8	5.4	13.8	27.9	49.6	92.9	218.0	
2000	11.7*	0.3*	7.7*	0.3	0.7	3.5	4.4	9.2	12.8	23.2	51.4	97.1	267.1	
Other respiratory disease														
1995	8.5*	0.9*	3.9*	0.3	2.7	1.2	3.5	2.2	4.6	12.5	21.4	54.9	243.7	
2000	12.7*	0.2*	5.5*	1.2	2.0	2.3	3.2	8.0	6.4	15.3	28.6	73.4	411.7	
Vascular disease														
1995	292.2*	2.4*	144.5*	11.9	25.4	47.7	68.3	108.3	245.6	504.3	1096.5	2185.0	8235.1	
2000	268.6*	2.8*	110.8*	10.9	21.2	39.1	68.0	102.5	158.3	375.5	839.0	1917.8	8244.0	
Liver cirrhosis														
1995	12.7*	0.4*	23.0*	4.3	10.4	17.9	26.6	30.5	30.3	41.4	47.4	46.8	47.8	
2000	10.6*	0.3*	18.6*	2.6	8.6	12.4	24.5	25.9	23.3	32.7	39.5	43.7	47.7	
Other medical causes														
1995	64.3*	18.4*	44.4*	9.9	14.6	21.9	26.9	38.6	76.4	122.7	213.6	394.2	1194.5	
2000	60.3*	16.8*	37.8*	9.8	13.6	19.0	28.2	32.7	56.1	105.0	181.7	355.9	1235.6	
All non-medical causes														
1995	27.1*	13.6*	28.2*	22.2	21.2	21.1	34.8	24.3	33.3	40.9	57.6	88.9	258.1	
2000	25.7*	12.5*	28.1*	21.0	22.6	24.0	28.2	33.5	31.0	36.4	50.4	84.7	225.8	

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

AUSTRIA: 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	– / 1.4	– / 0.6	–
35–69	3.1 / 12	0.7 / 6.3	23 years
70+	3.2 / 22	1.8 / 35	8 years
All ages	6.3 / 35	2.6 / 42	15 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	1.1/1.2	0.9/1.1	2.0/2.3	–/0.0	0.3/0.4	0.3/0.5	0.6/1.0
All Cancer	–/0.1	1.7/4.1 (41%)	1.4/5.3 (26%)	3.1/9.5	–/0.1	0.4/3.0 (12%)	0.5/6.2 (7%)	0.8/9.2
Vascular	–/0.1	0.9/4.2	1.0/12	2.0/16	–/0.1	0.2/1.7	0.8/22	1.0/24
Respiratory	–/0.0	0.3/0.5	0.6/1.5	0.9/2.0	–/0.0	0.1/0.2	0.5/1.9	0.5/2.1
All Other	–/1.2	0.3/3.4	0.2/2.8	0.4/7.4	–/0.5	0.1/1.4	0.1/4.5	0.2/6.4
All Causes	–/1.4	3.1/12 (26%)	3.2/22 (15%)	6.3/35	–/0.6	0.7/6.3 (12%)	1.8/35 (5%)	2.6/42

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

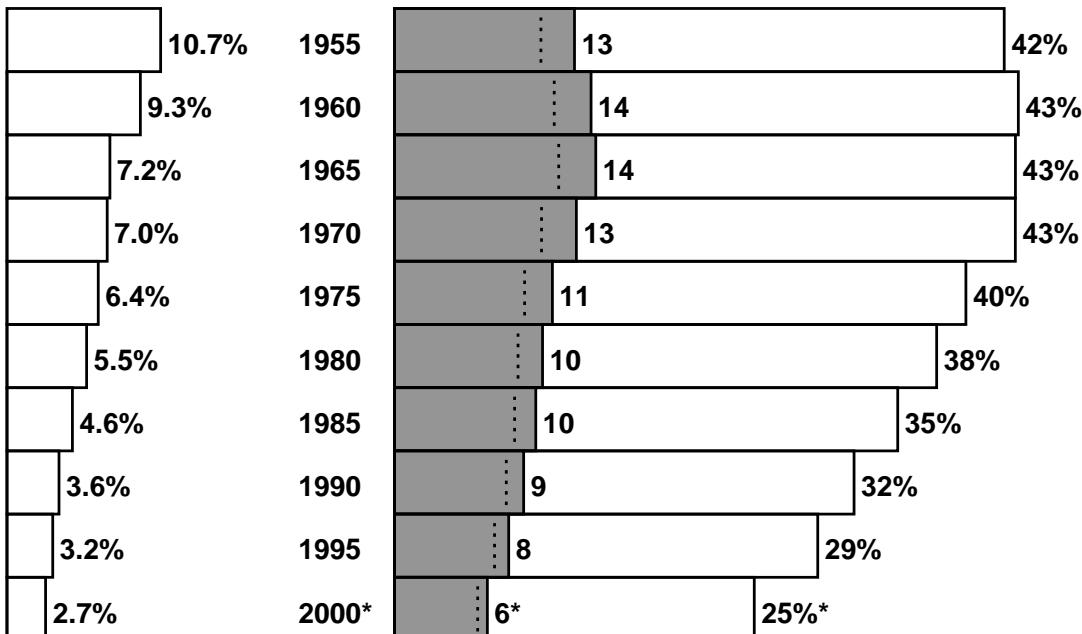
Cause	Male	Female	Male + Female
All Cancer	3.1 / 9.5 (32%)	0.8 / 9.2 (9%)	3.9 / 19 (21%)
All Causes	6.3 / 35 (18%)	2.6 / 42 (6%)	8.9 / 77 (12%)

1955-2000: AUSTRIA

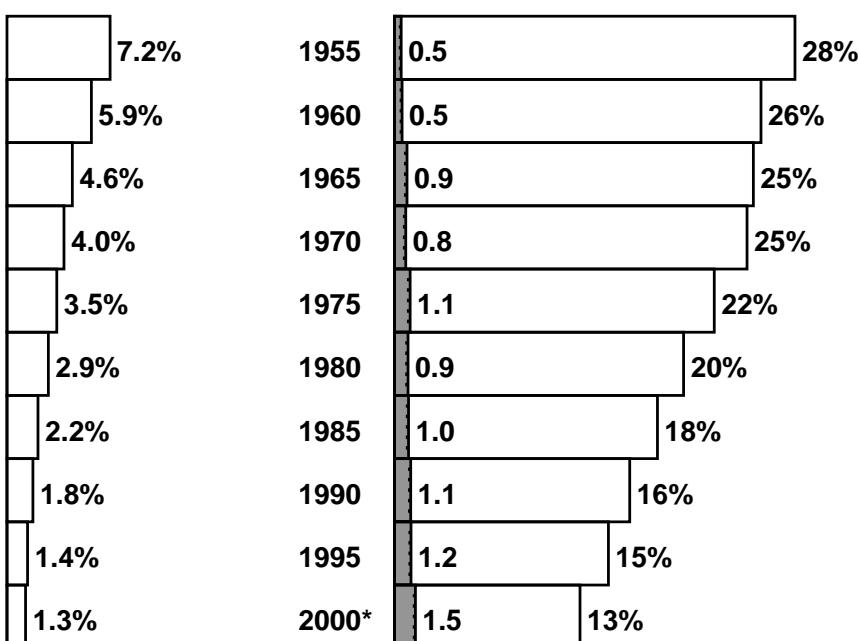
Population risk of dying at ages 0–34

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, 25 would die before age 70 (with 6 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

AUSTRIA: 1950-2000**Numbers of deaths attributed to smoking / total deaths (thousands)**

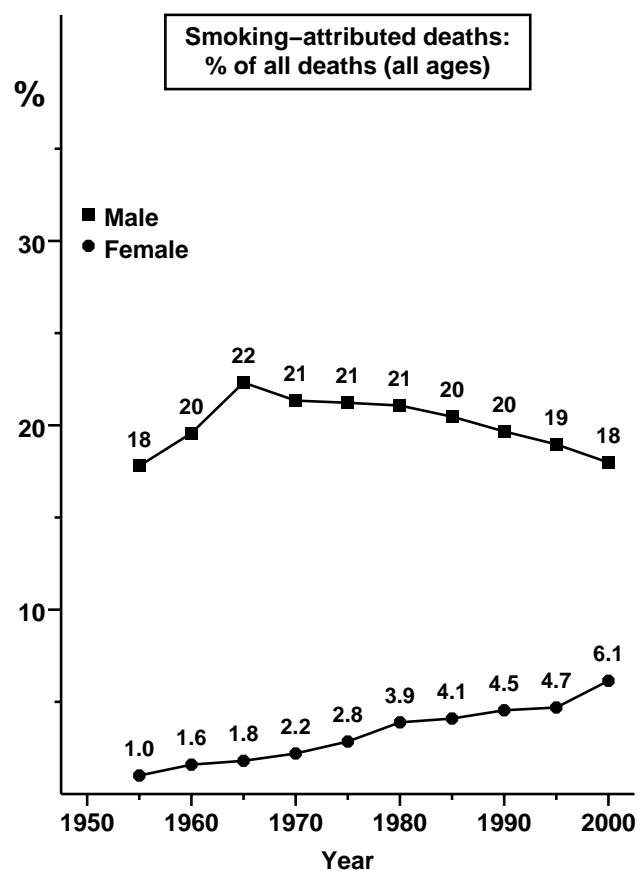
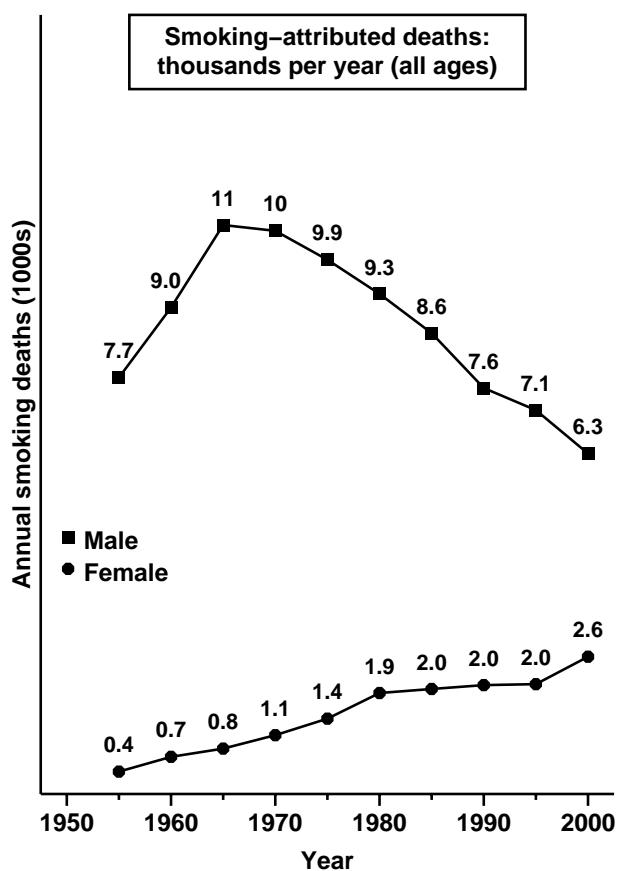
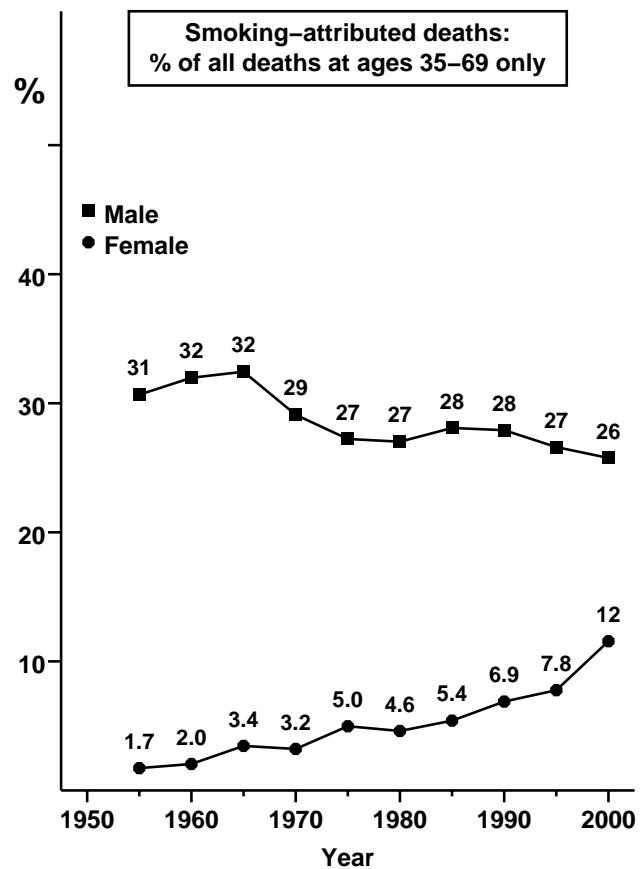
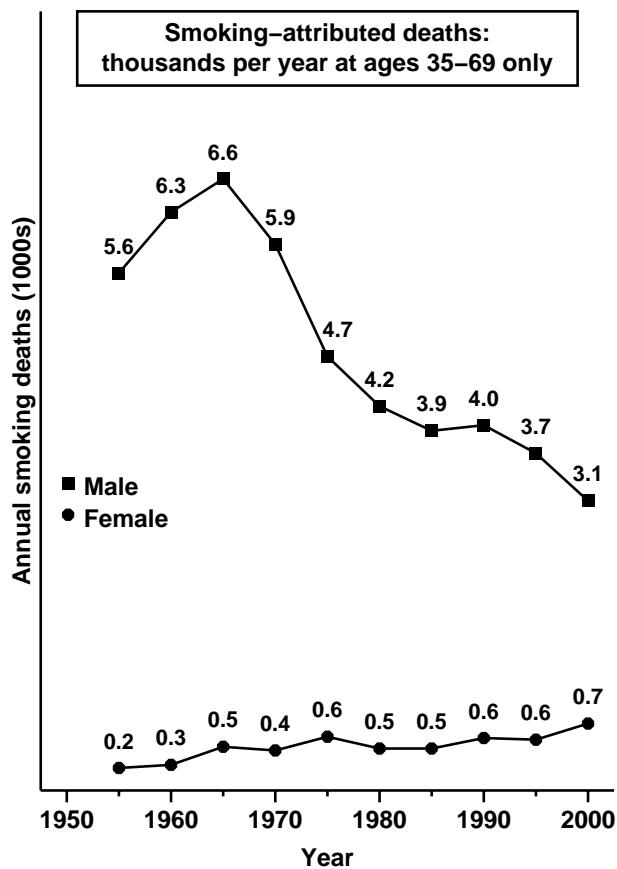
Year	Male (by age)				Female (by age)			
	0-34	35-69	70+	All	0-34	35-69	70+	All
1950
1955	-/5.5	5.6/18 (31%)	2.1/20 (11%)	7.7/44	-/3.6	0.2/14 (2%)	0.2/24 (0.7%)	0.4/41
1960	-/5.3	6.3/20 (32%)	2.8/21 (13%)	9.0/46	-/3.2	0.3/14 (2%)	0.4/27 (2%)	0.7/43
1965	-/4.3	6.6/20 (32%)	3.9/23 (17%)	11/47	-/2.7	0.5/14 (3%)	0.4/30 (1%)	0.8/47
1970	-/4.1	5.9/20 (29%)	4.6/25 (18%)	10/49	-/2.3	0.4/14 (3%)	0.7/34 (2%)	1.1/50
1975	-/3.5	4.7/17 (27%)	5.2/26 (20%)	9.9/47	-/1.8	0.6/12 (5%)	0.8/36 (2%)	1.4/49
1980	-/3.0	4.2/15 (27%)	5.1/26 (20%)	9.3/44	-/1.4	0.5/9.9 (5%)	1.4/37 (4%)	1.9/48
1985	-/2.6	3.9/14 (28%)	4.7/25 (18%)	8.6/42	-/1.1	0.5/8.4 (5%)	1.5/38 (4%)	2.0/48
1990	-/2.1	4.0/14 (28%)	3.6/22 (16%)	7.6/38	-/0.9	0.6/8.3 (7%)	1.5/35 (4%)	2.0/45
1995	-/1.9	3.7/14 (27%)	3.5/22 (16%)	7.1/38	-/0.8	0.6/7.1 (8%)	1.5/36 (4%)	2.0/44
2000	-/1.4	3.1/12 (26%)	3.2/22 (15%)	6.3/35	-/0.6	0.7/6.3 (12%)	1.8/35 (5%)	2.6/42

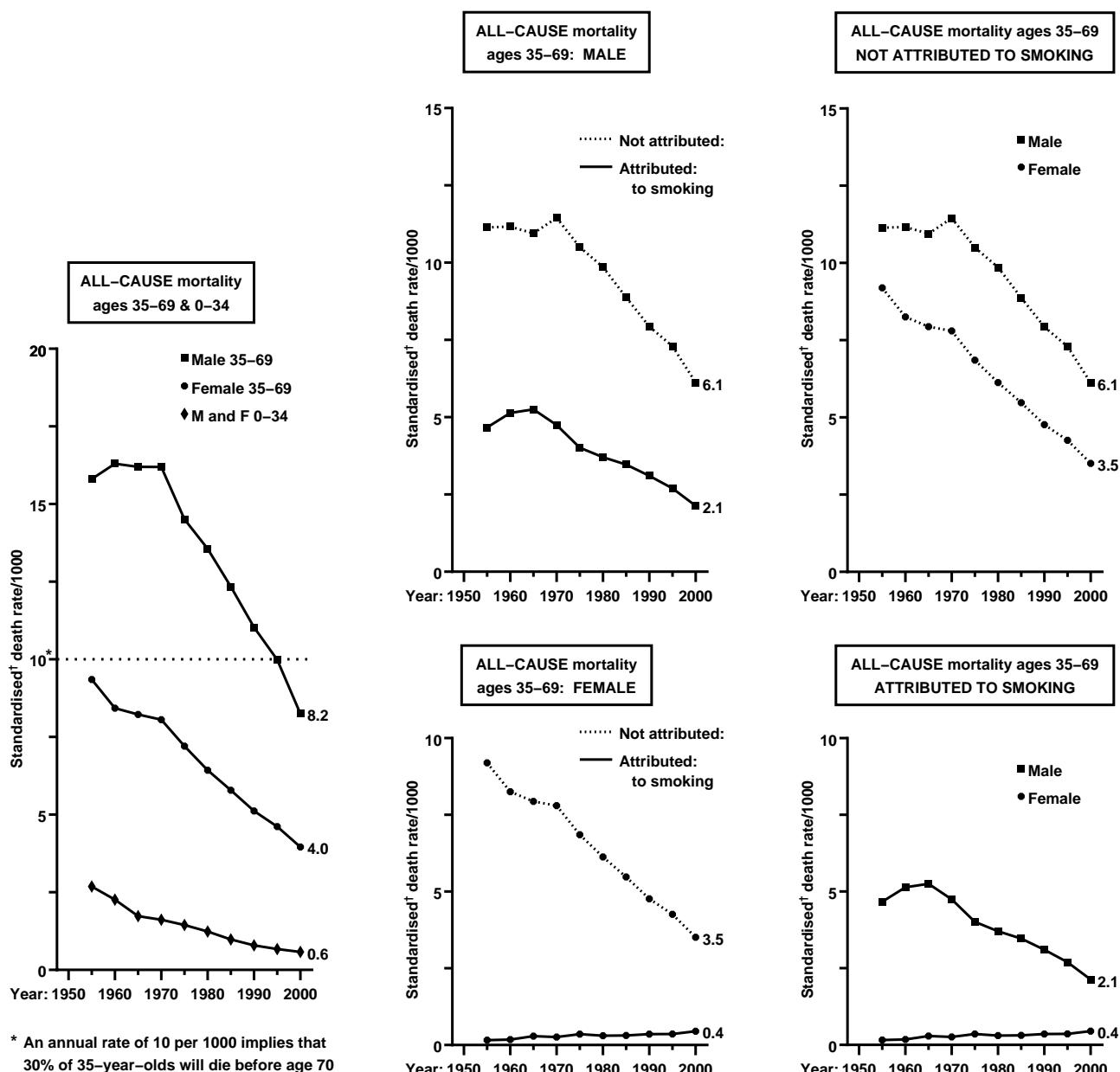
50-year total* (thousands), mid-1950 to mid-2000: 506 / 4461**1950-2000 by age & sex:**

-/178	245/837 (29%)	195/1158 (17%)	440/2173	-/100	23/551 (4%)	44/1637 (3%)	67/2288
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*Estimated as 10 times the sum of the annual numbers for 1955, 1965, 1975, 1985 & 1995

1955-2000: AUSTRIA



AUSTRIA: 1955-2000**ALL-CAUSE mortality rates attributed and not attributed to smoking**

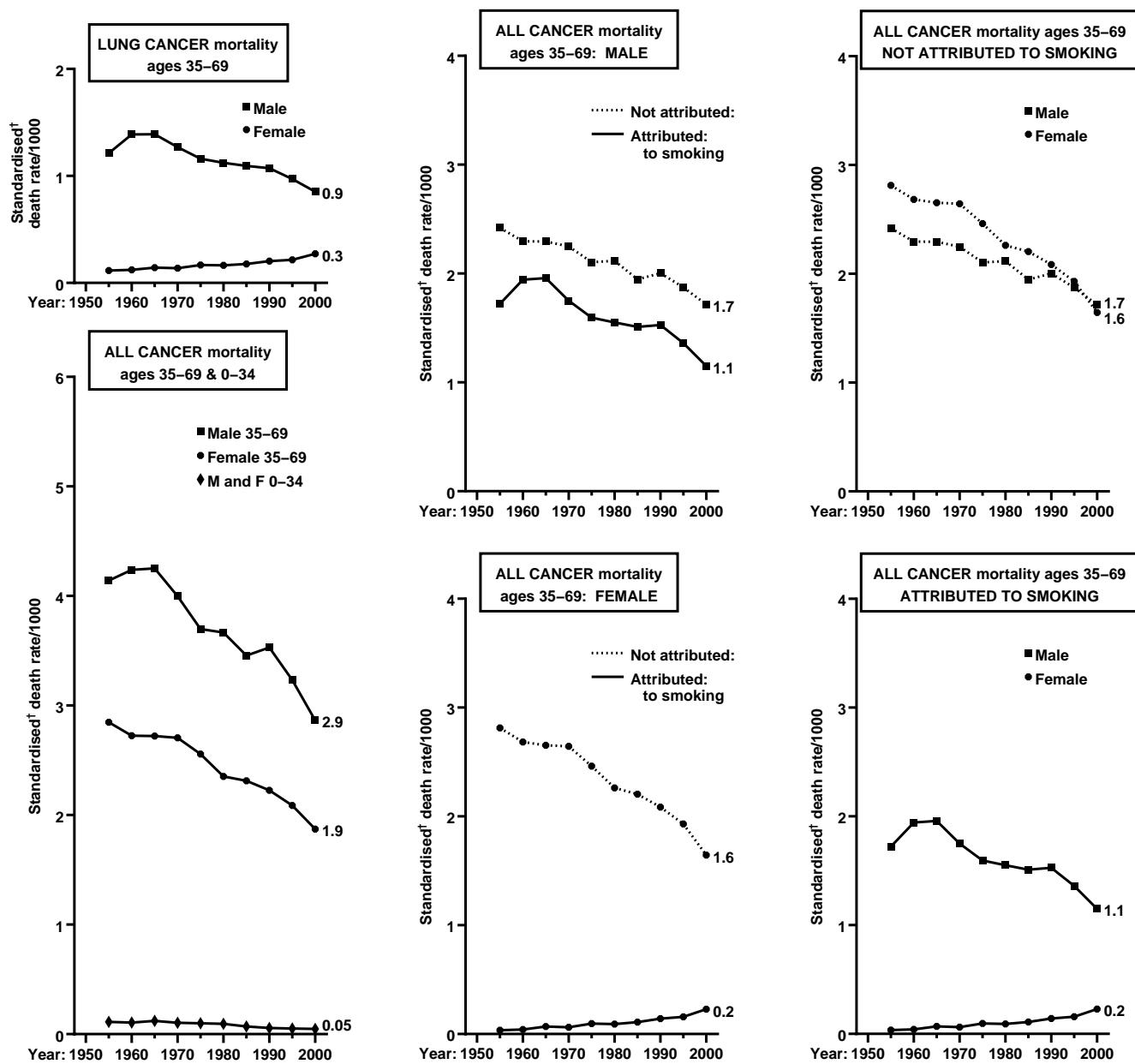
[†] Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Yes	No	0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950
1955	-	3.24		4.67	11.1	9.94	74.5	-	2.13	0.16	9.19	0.55	63.3		
1960	-	2.79		5.14	11.2	12.4	74.2	-	1.73	0.17	8.25	0.93	58.8		
1965	-	2.13		5.25	10.9	16.2	70.4	-	1.33	0.29	7.93	0.87	56.0		
1970	-	2.07		4.74	11.4	18.2	70.9	-	1.16	0.26	7.80	1.26	55.9		
1975	-	1.88		4.01	10.5	18.4	66.2	-	1.01	0.35	6.85	1.43	49.3		
1980	-	1.63		3.70	9.85	16.6	60.1	-	0.84	0.30	6.13	1.94	44.0		
1985	-	1.33		3.46	8.87	13.7	55.5	-	0.62	0.31	5.47	1.76	39.6		
1990	-	1.05		3.10	7.93	10.9	48.2	-	0.52	0.35	4.76	1.54	32.2		
1995	-	0.93		2.69	7.29	9.86	42.7	-	0.41	0.36	4.26	1.59	28.4		
2000	-	0.78		2.13	6.12	8.19	38.7	-	0.37	0.45	3.51	1.83	24.8		

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

1955-2000: AUSTRIA

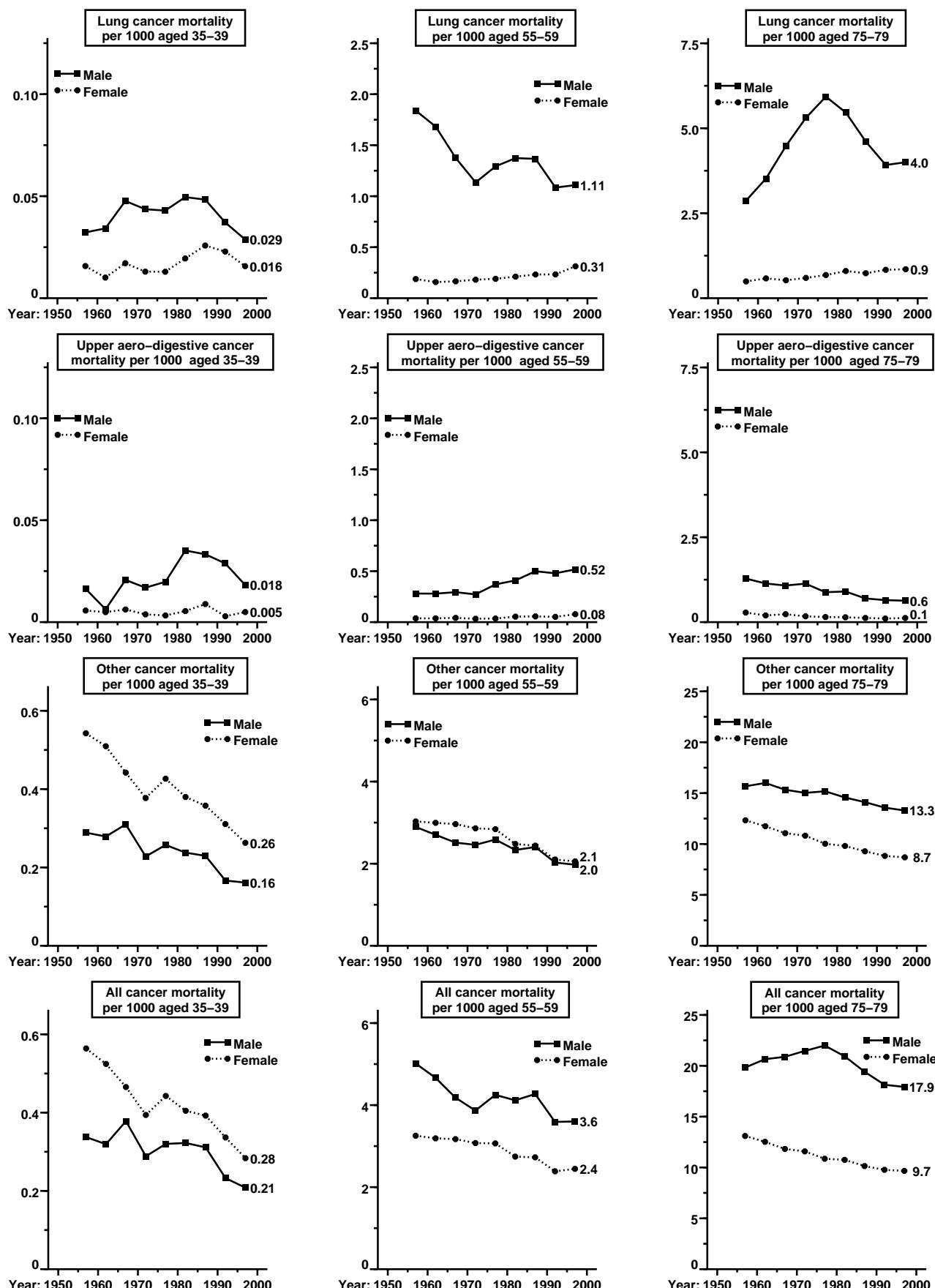
ALL CANCER mortality rates attributed and not attributed to smoking



[†] 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	-	0.11		1.72	2.42		3.90	12.9		-	0.12		0.03	2.81	0.10	10.9
1960	-	0.10		1.94	2.30		4.98	13.2		-	0.11		0.04	2.68	0.21	10.7
1965	-	0.12		1.96	2.29		6.25	12.8		-	0.12		0.07	2.65	0.18	10.3
1970	-	0.12		1.75	2.25		6.78	12.5		-	0.09		0.06	2.64	0.25	10.0
1975	-	0.11		1.59	2.10		7.46	11.7		-	0.09		0.10	2.46	0.33	9.17
1980	-	0.10		1.55	2.12		7.18	11.5		-	0.09		0.09	2.26	0.53	8.95
1985	-	0.07		1.51	1.95		5.81	11.1		-	0.07		0.11	2.20	0.47	8.51
1990	-	0.06		1.53	2.00		5.20	11.0		-	0.06		0.14	2.08	0.51	8.06
1995	-	0.05		1.36	1.87		4.80	10.4		-	0.05		0.16	1.93	0.55	7.70
2000	-	0.05		1.15	1.71		4.15	9.78		-	0.04		0.23	1.64	0.70	7.14

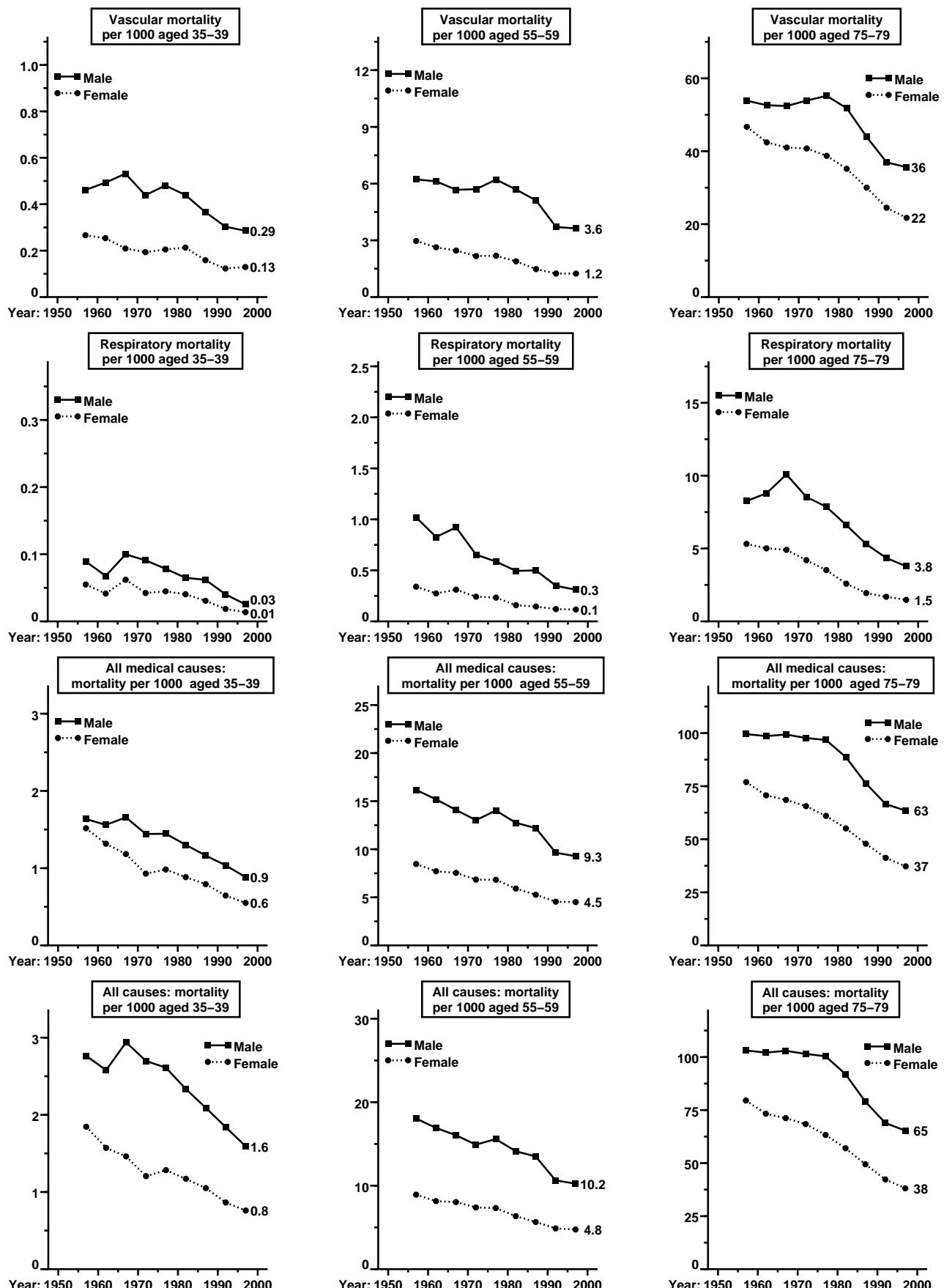
0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)

AUSTRIA: 1955-2000**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1955-59,...,1995-99; year 2000 on pages 62-63

1955-2000: AUSTRIA

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



* Annual mortality per 1000: averages of years available in 1955-59,...,1995-99; year 2000 on pages 62-63