

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

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Richard Peto, Alan D Lopez,  
Jillian Boreham and Michael Thun

**CENTRAL ASIA**

**Raw data** (pages 122–23, 124–25)

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## 2000: CENTRAL ASIA (8 countries)

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			
507.0	729.3	1053.1	1713.8	2323.0	3474.0	5340.6	7168.6	10332.9	20128.2	M	ALL CAUSES	001-999/A00-Y89
211.8	307.2	445.6	806.2	1179.9	1918.0	3305.3	4946.2	8147.9	17610.6	F		
54.7	61.4	69.2	72.6	73.2	68.9	61.6	52.8	41.3	68.0	M	Tuberculosis	010-018, 137/ A15-A19, B90
14.7	16.3	13.7	17.8	17.8	16.0	19.8	19.0	15.8	21.0	F		
1.6	1.3	1.0	0.7	0.3	0.1	-	-	-	-	M	HIV	279.5, 279.6/B20-B24
0.1	0.0	-	-	-	-	-	-	-	-	F		
5.5	6.3	7.1	7.1	8.4	10.6	13.1	15.5	15.3	36.9	M	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
3.4	3.7	4.0	4.5	5.6	6.6	8.9	9.0	12.7	22.9	F		
32.2	63.7	122.6	247.9	376.0	576.8	784.9	892.6	994.4	803.8	M	ALL CANCER	140-208/C00-C97
43.6	73.5	116.4	189.7	230.8	328.1	423.8	511.1	630.7	486.9	F		
0.7	2.8	5.5	12.0	15.8	21.2	24.5	26.4	28.3	23.3	M	Mouth and pharynx cancer	140-149/C00-C14
0.6	1.4	1.8	2.2	2.6	4.5	5.6	7.3	11.3	13.1	F		
0.9	2.7	7.6	14.5	28.6	45.9	68.2	79.8	100.1	83.5	M	Oesophagus cancer	150/C15
1.1	1.8	4.0	7.9	14.6	24.3	34.1	41.1	57.5	54.7	F		
4.7	10.9	21.7	37.5	64.5	97.9	139.8	175.9	172.9	163.9	M	Stomach cancer	151/C16
3.7	6.6	10.2	15.9	25.3	45.2	63.4	79.8	100.6	78.8	F		
1.8	2.8	6.5	11.9	18.9	31.7	53.2	57.4	79.7	64.8	M	Colorectal cancer	153, 154/C18-C21
2.8	4.4	8.2	13.2	16.0	25.5	39.3	47.7	58.6	35.3	F		
1.1	2.3	5.7	10.6	18.8	29.2	52.7	59.0	60.7	60.2	M	Liver cancer	155.0/C22 excl C221
0.3	1.0	1.8	3.1	6.0	8.6	18.6	21.1	29.3	29.1	F		
1.1	2.6	5.6	10.5	18.8	29.4	40.1	52.1	67.7	84.8	M	Pancreas cancer	157/C25
0.5	1.2	3.2	5.6	11.4	16.7	24.2	37.9	48.6	71.2	F		
0.9	1.9	3.0	9.5	13.8	23.5	25.5	28.5	20.4	22.0	M	Larynx cancer	161/C32
0.2	0.4	0.7	0.4	1.4	2.2	3.3	3.2	4.2	2.6	F		
4.2	12.5	30.6	72.0	100.3	166.8	209.9	211.2	213.7	108.2	M	Lung cancer	162/C33, C34
2.7	3.6	7.0	12.1	17.2	23.8	36.6	41.8	56.9	36.3	F		
1.1	1.5	2.2	3.5	4.7	5.1	7.2	9.8	12.5	28.5	M	Malignant melanoma	172/C43
0.7	1.0	1.4	2.4	2.6	3.7	4.5	6.6	11.3	17.0	F		
9.2	19.3	30.7	47.7	48.2	55.4	56.9	63.8	78.6	60.6	F	Female breast cancer	174/C50
4.9	7.6	10.4	12.1	11.8	15.1	21.8	26.2	31.3	20.8	F	Cervix cancer	180/C53
2.6	4.8	6.7	11.8	12.5	17.2	21.0	25.2	26.0	21.7	F	Other uterine cancer	179, 182/C54, C55
1.6	3.5	7.0	10.6	15.9	20.2	24.9	29.6	34.9	39.6	F	Ovarian cancer	183/C56, C570-C574
0.3	0.4	0.9	2.6	6.7	15.5	25.8	47.2	68.6	77.7	M	Prostate cancer	185/C61
0.6	1.5	3.1	7.7	12.1	24.2	32.4	53.5	76.0	103.0	M	Bladder cancer	188/C67
0.3	0.4	1.0	2.6	2.3	7.2	7.6	11.0	16.7	25.5	F		
8.9	13.8	20.9	40.8	55.8	64.2	74.0	66.6	62.1	...	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
7.9	10.6	15.3	31.4	32.3	43.3	46.1	52.2	42.0	...	F		
0.6	0.4	1.0	0.9	1.3	2.4	2.5	2.6	4.2	4.5	M	Hodgkin's disease	201/C81
0.4	0.3	0.3	0.7	0.6	1.6	0.8	1.7	2.7	2.4	F		
2.5	4.2	5.0	8.1	10.2	12.0	16.2	12.4	15.8	11.7	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
1.5	2.4	3.3	4.8	4.4	7.1	7.0	7.4	11.5	6.0	F	Leukaemia	204-208/C91-C95
2.7	3.5	3.4	5.9	5.5	7.7	13.0	10.2	11.6	6.5	M		
2.7	3.1	3.3	5.1	5.7	6.5	8.2	7.6	8.7	4.1	F		
4.1	7.2	15.6	31.7	51.4	78.7	110.8	114.5	114.0	105.6	M	Diabetes	250/E10-E14
2.4	4.0	10.4	23.5	44.8	84.5	141.7	157.3	148.8	95.3	F		
117.0	236.0	424.4	779.5	1192.5	1942.7	3304.4	4778.6	7373.2	15082.9	M	ALL VASCULAR DISEASE	390-459/I00-I99
47.0	88.1	158.7	353.9	605.2	1121.1	2171.2	3537.3	6231.4	14072.1	F		
6.8	8.9	11.9	12.9	16.3	13.2	12.5	14.5	10.7	14.2	M	Rheumatic heart disease and fever	390-398/I00-I09
6.8	10.3	12.5	14.9	20.1	17.0	17.4	11.6	16.0	19.6	F		
5.8	14.8	31.9	66.0	109.9	161.2	274.3	332.1	471.5	788.9	M	Hypertensive disease	401-405/I10-I15
4.1	10.0	22.9	48.8	86.0	124.5	228.5	279.0	421.3	652.3	F		
59.9	129.1	236.8	426.2	661.8	1100.9	1910.4	2814.6	4427.9	9281.7	M	Ischaemic heart disease	410-414/I20-I25
15.3	28.9	52.4	136.3	257.9	538.6	1101.2	1898.1	3476.8	8166.7	F		
1.2	1.9	2.7	3.6	5.4	8.6	14.3	18.6	30.1	56.3	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
1.0	1.8	2.4	2.9	4.4	6.5	10.9	17.6	30.0	67.6	F		
15.8	39.3	80.6	175.2	276.2	482.8	813.6	1204.9	1840.1	3595.2	M	Cerebrovascular disease	430-438/I60-I69
7.9	22.5	47.4	112.6	178.1	346.7	636.3	1061.8	1797.0	3932.7	F		
27.5	41.9	60.5	95.5	123.0	176.0	279.2	393.9	593.0	1346.5	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
11.9	14.6	21.0	38.2	58.7	87.7	176.9	269.2	490.3	1233.3	F		
8.2	12.8	19.6	46.6	83.3	163.4	297.7	432.5	595.7	943.0	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
4.2	5.9	10.5	20.4	41.4	62.6	128.3	186.5	304.9	571.9	F		
16.9	19.9	31.5	45.8	65.7	90.3	138.6	180.0	256.8	502.6	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
9.0	12.2	11.8	16.3	28.1	40.5	77.2	88.3	145.7	315.7	F		
4.8	8.6	11.1	16.3	23.1	26.2	33.7	38.5	50.1	49.2	M	Peptic ulcer	531-533/K25-K27
1.1	1.0	2.4	3.4	4.8	7.6	10.3	15.9	15.8	20.5	F		
24.8	38.8	60.6	94.9	113.1	155.8	201.5	206.2	221.1	245.5	M	Liver cirrhosis (incl. some other digestive)	571/K70, K74
12.3	20.1	26.7	51.9	74.5	95.8	136.6	146.2	181.2	236.6	F		
11.8	17.9	19.2	32.7	33.8	40.6	59.4	72.8	113.1	162.6	M	Renal disease	580-590/N00-N19
10.6	12.8	14.3	22.6	22.8	29.3	42.4	39.3	54.0	62.8	F		
3.0	1.6	0.3	0.3	-	-	-	-	-	0.5	F	Pregnancy, birth	630-676/A34,000-O99
0.4	0.6	0.7	0.5	0.8	0.7	1.0	1.2	2.8	1.9	M	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.8	0.6	0.6	0.7	0.6	0.4	0.2	0.5	0.9	2.1	F	Ill-defined causes	780-799/R00-R99
20.8	25.1	35.9	45.1	49.3	61.7	68.8	120.0	249.4	1527.8	M		
5.2	5.8	7.4	14.3	17.4	19.7	32.7	88.9	234.5	1435.3	F		
31.2	40.5	46.4	62.1	61.2	72.8	101.9	110.9	145.1	222.2	M	Other medical causes	Rest of 001-799/ rest of A00-R99
21.0	23.6	26.2	33.2	33.8	47.9	57.7	77.5	92.2	130.1	F		
173.1	189.1	188.4	230.3	190.9	184.8	163.1	152.6	160.4	376.3	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
33.4	38.2	42.2	53.8	52.5	57.8	54.5	69.6	79.5	136.8	F		
29.7	31.2	26.4	28.6	24.4	23.0	23.4	25.7	24.1	31.1	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
4.2	5.7	5.4	7.9	8.2	9.9	8.2	13.6	12.2	12.7	F		
3.2	3.6	4.9	5.4	5.8	7.0	5.0	7.2	7.4	13.6	M	Fire	E890-E899/X00-X09
1.9	2.6	1.9	1.7	2.6	3.7	2.7	4.5	5.8	11.2	F		
33.2	37.7	35.4	47.4	37.5	34.7	29.0	30.4	20.9	51.2	M	Suicide	E950-E959/X60-X84
6.2	5.2	5.5	7.7	5.8	8.0	6.9	8.1	12.7	17.0	F		
21.9	22.7	20.4	21.8	16.4	15.9	16.5	13.5	19.9	46.0	M	Homicide	E960-E969/ X85-X99, Y00-Y09
4.8	5.5	6.1	7.5	7.7	8.2	8.9	8.2	11.1	11.9	F		
2570	2212	1658	1028	761	1050	679	580	216	154	M	POPULATION	
2736	2343	1812	1138	862	1258	844	837	450	419	F	(1000s; UN, 2004 revision)	

**CENTRAL ASIA (8 countries): 1995, 2000**

See note on page 127

**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	Cirrhosis & some other digestive	Other medical	Non-medical
<b>1995</b>											
0-34	Sm. -	-	-	-	-	-	-	-	-	-	-
	Total 87184	2253	126	139	1988	501	24770	4285	1109	32177	22089
35-69	Sm. 45430	10699	6214	2336	2149	5326	1542	21082	-	6781	-
	Total 170767	24282	6789	3938	13555	7359	5678	81302	7608	23391	21147
	(27%)	(44%)	(92%)	(59%)	(16%)	(72%)	(27%)	(26%)		(29%)	
70+	Sm. 7762	1763	1047	413	303	2382	143	3079	-	395	-
	Total 83544	6384	1285	1076	4023	4637	2989	58578	1494	7892	1570
	(9%)	(28%)	(81%)	(38%)	(8%)	(51%)	(5%)	(5%)		(5%)	
Any age	Sm. 53192	12462	7261	2749	2452	7708	1685	24161	-	7176	-
	Total 341495	32919	8200	5153	19566	12497	33437	144165	10211	63460	44806
	(16%)	(38%)	(89%)	(53%)	(13%)	(62%)	(5%)	(17%)		(11%)	
<b>2000</b>											
0-34	Sm. -	-	-	-	-	-	-	-	-	-	-
	Total 61921	2114	104	86	1924	493	12824	4257	1300	22540	18393
35-69	Sm. 35148	8304	5007	1638	1659	3740	966	16702	-	5436	-
	Total 154649	21065	5573	3062	12430	5668	4255	75182	7342	22516	18621
	(23%)	(39%)	(90%)	(53%)	(13%)	(66%)	(23%)	(22%)		(24%)	
70+	Sm. 9624	2384	1511	480	393	2651	121	3992	-	476	-
	Total 94937	8562	1853	1301	5408	5249	2374	66903	2052	7985	1812
	(10%)	(28%)	(82%)	(37%)	(7%)	(51%)	(5%)	(6%)		(6%)	
Any age	Sm. 44772	10688	6518	2118	2052	6391	1087	20694	-	5912	-
	Total 311507	31741	7530	4449	19762	11410	19453	146342	10694	53041	38826
	(14%)	(34%)	(87%)	(48%)	(10%)	(56%)	(6%)	(14%)		(11%)	

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	34013	24133	9203	2390	1827	1177	899	1259	863	789	333	157	187
2000	34935	24028	9957	2570	2212	1658	1028	761	1050	679	580	216	154
<b>NUMBER OF DEATHS (Source: WHO)</b>													
<b>All causes</b>													
1995	341495	87184	170767	13931	15593	16064	16163	33452	33563	42001	25463	17558	40523
2000	311507	61921	154649	13028	16128	17459	17620	17678	36484	36252	41571	22288	31078
<b>Lung cancer</b>													
1995	8200	126	6789	150	304	499	705	1775	1608	1748	770	303	212
2000	7530	104	5573	109	277	507	740	763	1752	1425	1225	461	167
<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	1957.5*	348.8*	2352.7*	582.9	853.7	1365.4	1798.1	2657.5	3889.6	5322.0	7642.0	11197.7	21670.1
2000	1774.1*	277.0*	2163.0*	507.0	729.3	1053.1	1713.8	2323.0	3474.0	5340.6	7168.6	10332.9	20128.2
<b>All cancer</b>													
1995	200.7*	10.3*	349.4*	39.9	78.5	161.4	266.7	454.8	641.4	803.2	973.3	961.7	873.3
2000	183.0*	9.6*	314.9*	32.2	63.7	122.6	247.9	376.0	576.8	784.9	892.6	994.4	803.8
<b>Lung cancer</b>													
1995	50.1*	0.6*	98.9*	6.3	16.6	42.4	78.4	141.0	186.3	221.5	231.1	193.2	113.4
2000	44.1*	0.5*	85.2*	4.2	12.5	30.6	72.0	100.3	166.8	209.9	211.2	213.7	108.2
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>													
1995	32.8*	0.7*	57.4*	4.9	9.5	23.3	47.7	78.2	110.3	128.0	149.8	163.3	171.7
2000	26.9*	0.4*	47.0*	2.6	7.3	16.1	36.0	58.2	90.6	118.1	134.7	148.8	128.9
<b>Other cancer</b>													
1995	117.8*	9.0*	193.1*	28.8	52.3	95.7	140.5	235.6	344.8	453.8	592.4	605.2	588.2
2000	111.9*	8.7*	182.7*	25.4	43.9	75.9	140.0	217.5	319.4	456.8	546.6	631.9	566.7
<b>Chronic obstructive pulmonary disease (COPD)</b>													
1995	89.6*	2.4*	111.0*	9.6	17.1	33.1	60.4	114.8	216.0	326.3	465.5	720.0	1046.5
2000	76.1*	2.4*	90.2*	8.2	12.8	19.6	46.6	83.3	163.4	297.7	432.5	595.7	943.0
<b>Other respiratory disease</b>													
1995	108.6*	85.5*	77.8*	19.2	30.1	50.8	63.3	84.4	128.4	168.7	239.8	375.0	856.7
2000	70.9*	51.6*	58.4*	16.9	19.9	31.5	45.8	65.7	90.3	138.6	180.0	256.8	502.6
<b>Vascular disease</b>													
1995	1066.5*	21.1*	1189.2*	138.0	270.9	533.2	788.3	1297.0	2124.8	3172.1	4940.6	7838.6	15949.2
2000	1013.0*	21.7*	1142.3*	117.0	236.0	424.4	779.5	1192.5	1942.7	3304.4	4778.6	7373.2	15082.9
<b>Liver cirrhosis and some other digestive</b>													
1995	58.1*	5.3*	103.1*	24.0	42.8	69.0	97.6	124.0	169.9	194.6	214.6	197.7	250.8
2000	56.6*	6.2*	98.5*	24.8	38.8	60.6	94.9	113.1	155.8	201.5	206.2	221.1	245.5
<b>Other medical causes</b>													
1995	266.2*	122.6*	291.3*	144.4	182.3	243.2	271.3	334.6	391.0	472.0	642.9	915.2	2307.5
2000	234.3*	98.7*	270.1*	134.9	169.0	206.0	268.7	301.4	360.2	450.4	526.1	731.1	2174.2
<b>All non-medical causes</b>													
1995	167.8*	101.6*	230.8*	207.8	232.0	274.7	250.5	247.8	218.0	185.1	165.4	189.4	386.1
2000	140.3*	86.7*	188.5*	173.1	189.1	188.4	230.3	190.9	184.8	163.1	152.6	160.4	376.3

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

## 1995, 2000: CENTRAL ASIA (8 countries)

## 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	Cirrhosis & some other digestive	Other medical	Non-medical
<b>1995</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	58218	2255	92	105	2058	469	20305	3047	788	23959	7395
35-69	Sm.	4653	851	489	267	95	859	87	2288	-	568	-
	Total	101366 (5%)	17514 (5%)	1228 (40%)	1745 (15%)	14541 (1%)	3587 (24%)	2762 (3%)	53082 (4%)	4996	13709 (4%)	5716
70+	Sm.	3076	466	224	198	44	1071	34	1357	-	148	-
	Total	146981 (2%)	7863 (6%)	605 (37%)	1165 (17%)	6093 (1%)	5441 (20%)	3616 (1%)	112319 (1%)	2533	13796 (1%)	1413
Any age	Sm.	7729	1317	713	465	139	1930	121	3645	-	716	-
	Total	306565 (3%)	27632 (5%)	1925 (37%)	3015 (15%)	22692 (1%)	9497 (20%)	26683 (0%)	168448 (2%)	8317	51464 (1%)	14524
<b>2000</b>												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	38045	1956	74	66	1816	359	10585	2498	861	15863	5923
35-69	Sm.	3906	715	468	147	100	654	68	1931	-	538	-
	Total	92429 (4%)	16875 (4%)	1179 (40%)	1285 (11%)	14411 (1%)	2902 (23%)	2336 (3%)	47895 (4%)	4882	12715 (4%)	4824
70+	Sm.	3731	520	304	161	55	1090	25	1846	-	250	-
	Total	151853 (2%)	9158 (6%)	758 (40%)	1056 (15%)	7344 (1%)	5329 (20%)	2717 (1%)	116608 (2%)	3031	13496 (2%)	1514
Any age	Sm.	7637	1235	772	308	155	1744	93	3777	-	788	-
	Total	282327 (3%)	27989 (4%)	2011 (38%)	2407 (13%)	23571 (1%)	8590 (20%)	15638 (1%)	167001 (2%)	8774	42074 (2%)	12261

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	35374	23841	10097	2485	1933	1256	967	1412	999	1046	626	368	442
2000	36380	23681	10992	2736	2343	1812	1138	862	1258	844	837	450	419
<b>NUMBER OF DEATHS (Source: WHO)</b>													
<b>All causes</b>													
1995	306565	58218	101366	6055	6701	7252	8201	18645	21280	33232	31913	30134	84934
2000	282327	38045	92429	5795	7198	8073	9177	10165	24121	27900	41410	36690	73753
<b>Lung cancer</b>													
1995	1925	92	1228	60	58	78	103	259	276	394	277	158	170
2000	2011	74	1179	73	85	127	138	148	299	309	350	256	152
<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	1275.5*	227.2*	1235.0*	243.7	346.8	577.5	847.9	1320.3	2130.1	3178.6	5101.2	8197.5	19202.8
2000	1174.3*	167.3*	1167.7*	211.8	307.2	445.6	806.2	1179.9	1918.0	3305.3	4946.2	8147.9	17610.6
<b>All cancer</b>													
1995	123.1*	10.4*	208.2*	46.4	77.4	129.9	175.9	256.4	332.9	438.5	545.4	544.6	553.7
2000	119.1*	9.3*	200.8*	43.6	73.5	116.4	189.7	230.8	328.1	423.8	511.1	630.7	486.9
<b>Lung cancer</b>													
1995	8.7*	0.5*	15.1*	2.4	3.0	6.2	10.6	18.3	27.6	37.7	44.3	43.0	38.4
2000	8.8*	0.4*	14.7*	2.7	3.6	7.0	12.1	17.2	23.8	36.6	41.8	56.9	36.3
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>													
1995	13.8*	0.5*	21.5*	3.1	5.3	8.3	14.4	24.3	39.3	56.1	70.3	80.0	97.4
2000	10.5*	0.3*	16.4*	1.9	3.5	6.5	10.5	18.6	31.0	43.0	51.6	73.1	70.4
<b>Other cancer</b>													
1995	100.7*	9.5*	171.5*	41.0	69.1	115.4	150.8	213.8	266.0	344.7	430.8	421.7	417.8
2000	99.8*	8.6*	169.7*	39.1	66.3	102.9	167.0	195.0	273.3	344.2	417.7	500.8	380.1
<b>Chronic obstructive pulmonary disease (COPD)</b>													
1995	43.1*	2.2*	45.0*	5.6	8.1	15.8	25.3	45.3	80.2	134.5	213.7	319.9	662.0
2000	37.6*	1.7*	39.0*	4.2	5.9	10.5	20.4	41.4	62.6	128.3	186.5	304.9	571.9
<b>Other respiratory disease</b>													
1995	69.4*	72.6*	32.3*	11.8	14.3	15.4	24.1	31.4	55.2	73.6	119.2	190.7	490.4
2000	46.4*	44.2*	27.9*	9.0	12.2	11.8	16.3	28.1	40.5	77.2	88.3	145.7	315.7
<b>Vascular disease</b>													
1995	779.7*	14.5*	674.1*	56.9	100.8	216.0	385.5	671.6	1250.5	2037.6	3563.9	6238.8	15168.2
2000	742.8*	12.2*	649.3*	47.0	88.1	158.7	353.9	605.2	1121.1	2171.2	3537.3	6231.4	14072.1
<b>Liver cirrhosis and some other digestive</b>													
1995	36.9*	3.7*	59.9*	13.3	20.0	31.3	52.8	73.7	105.5	122.3	148.2	155.9	233.6
2000	37.3*	4.1*	59.7*	12.3	20.1	26.7	51.9	74.5	95.8	136.6	146.2	181.2	236.6
<b>Other medical causes</b>													
1995	175.2*	92.7*	155.0*	70.4	78.4	105.6	120.0	173.6	238.3	298.9	432.5	653.2	1964.5
2000	151.4*	69.5*	143.5*	62.2	69.2	79.3	120.3	147.4	212.2	313.7	407.3	574.5	1790.6
<b>All non-medical causes</b>													
1995	48.1*	31.0*	60.5*	39.2	47.7	63.5	64.2	68.3	67.6	73.1	78.2	94.4	130.5
2000	39.7*	26.3*	47.5*	33.4	38.2	42.2	53.8	52.5	57.8	54.5	69.6	79.5	136.8

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

**CENTRAL ASIA (8 countries): 2000**

See note on page 127

**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	– / 62	– / 38	–
35–69	35 / 155	3.9 / 92	19 years
70+	9.6 / 95	3.7 / 152	8 years
All ages	45 / 312	7.6 / 282	16 years

**Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2000**

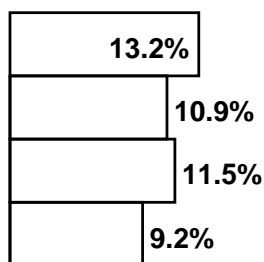
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.1	5.0/5.6	1.5/1.9	6.5/7.5	–/0.1	0.5/1.2	0.3/0.8	0.8/2.0
All Cancer	–/2.1	8.3/21 (39%)	2.4/8.6 (28%)	11/32	–/2.0	0.7/17 (4%)	0.5/9.2 (6%)	1.2/28
Vascular	–/4.3	17/75	4.0/67	21/146	–/2.5	1.9/48	1.8/117	3.8/167
Respiratory	–/13	4.7/9.9	2.8/7.6	7.5/31	–/11	0.7/5.2	1.1/8.0	1.8/24
All Other	–/42	5.4/48	0.5/12	5.9/103	–/23	0.5/22	0.3/18	0.8/63
All Causes	–/62	35/155 (23%)	9.6/95 (10%)	45/312	–/38	3.9/92 (4%)	3.7/152 (2%)	7.6/282

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

Cause	Male	Female	Male + Female
All Cancer	11 / 32 (34%)	1.2 / 28 (4%)	12 / 60 (20%)
All Causes	45 / 312 (14%)	7.6 / 282 (3%)	52 / 594 (9%)

1985-2000: CENTRAL ASIA (8 countries)

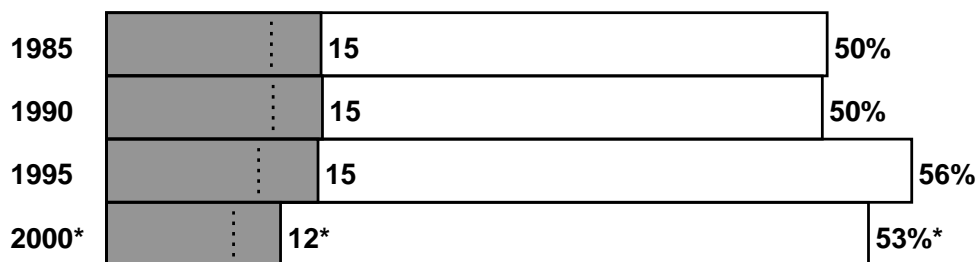
Population risk of dying at ages 0–34



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, 53 would die before age 70 (with 12 of these deaths attributed to smoking)

MALE

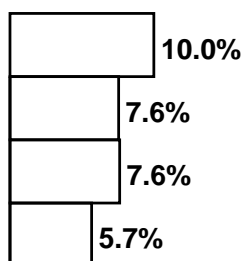
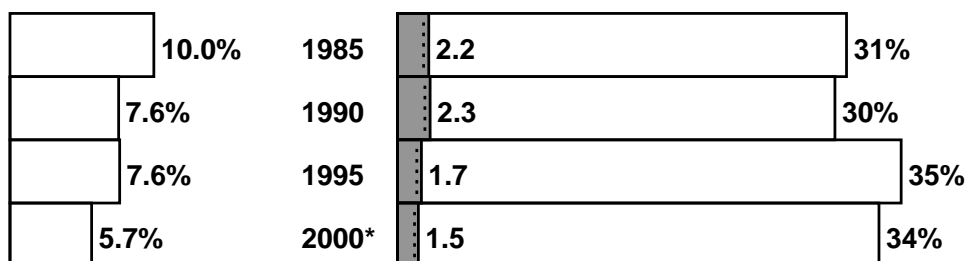


Note: Most of those killed by smoking would otherwise have survived beyond age 70, but a minority (shaded area to right of dotted line) would have died by 70 anyway

**Note: These 8 Central Asian countries are those in which the mortality rates in recent years are thought to need correction for under-registration of deaths: Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.**

If the substantial decrease during the 1990s in the mortality attributed to cancer in these 8 countries is partly artefactual, then the corresponding decrease in the mortality attributed to smoking (pages 124–131) will not be reliable.

FEMALE



## CENTRAL ASIA (8 countries): 1980-2000

See note on page 127

## 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	-/101	34/105 <b>(32%)</b>	8.6/83 <b>(10%)</b>	43/290	-/77	5.0/73 <b>(7%)</b>	3.1/125 <b>(3%)</b>	8.1/275
1990	-/90	39/126 <b>(31%)</b>	8.9/75 <b>(12%)</b>	48/291	-/62	5.9/80 <b>(7%)</b>	3.9/125 <b>(3%)</b>	9.8/268
1995	-/87	45/171 <b>(27%)</b>	7.8/84 <b>(9%)</b>	53/341	-/58	4.7/101 <b>(5%)</b>	3.1/147 <b>(2%)</b>	7.7/307
2000	-/62	35/155 <b>(23%)</b>	9.6/95 <b>(10%)</b>	45/312	-/38	3.9/92 <b>(4%)</b>	3.7/152 <b>(2%)</b>	7.6/282

20-year total\* (thousands), mid-1980 to mid-2000: 1117 / 12134

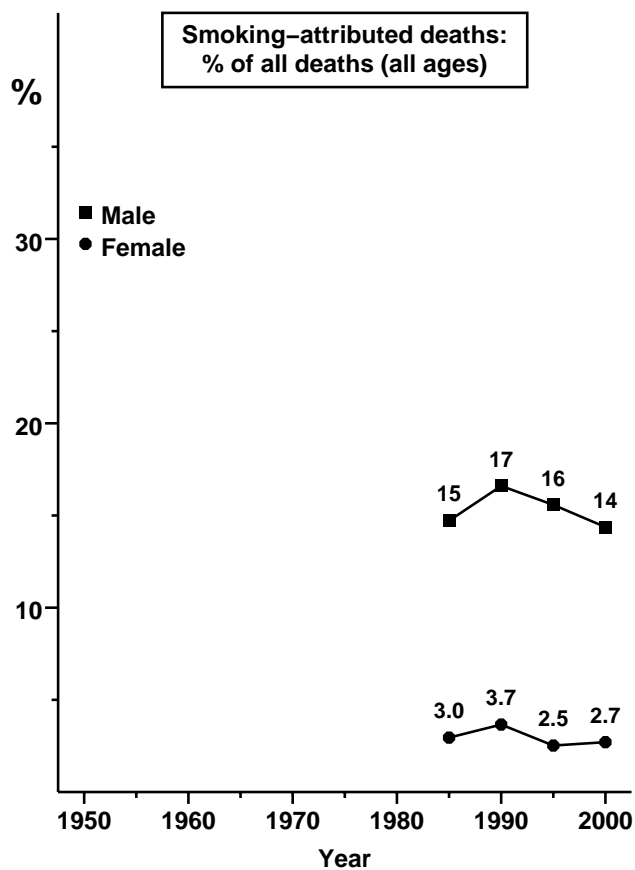
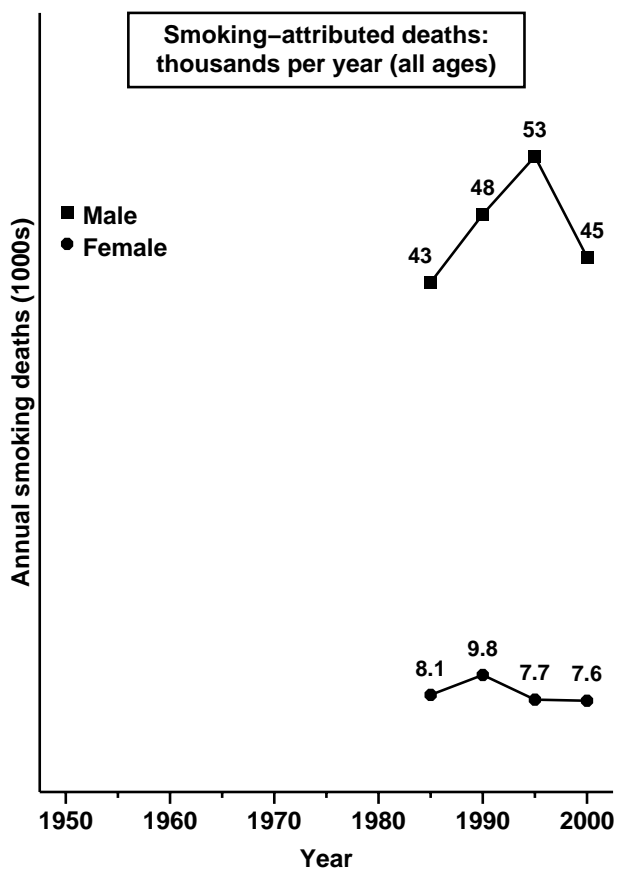
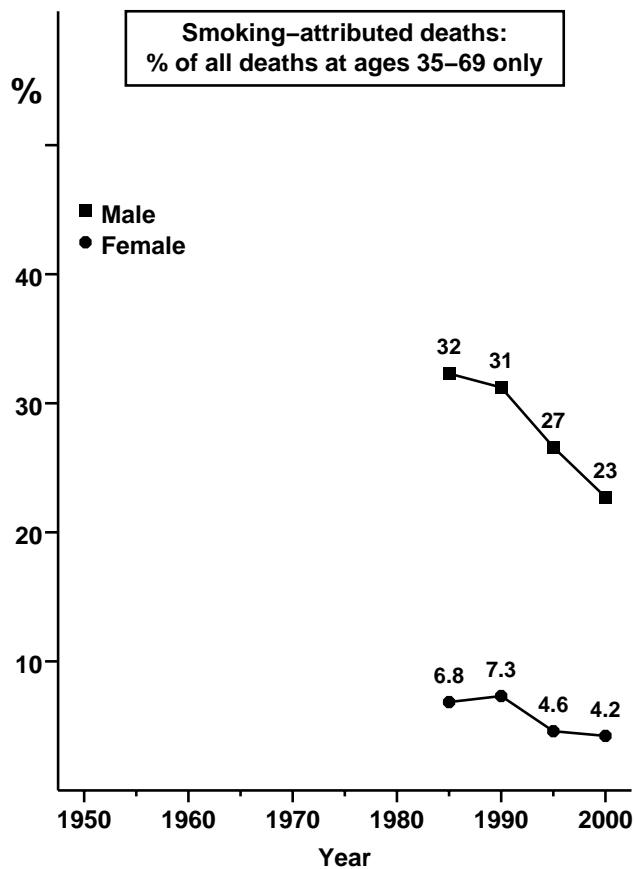
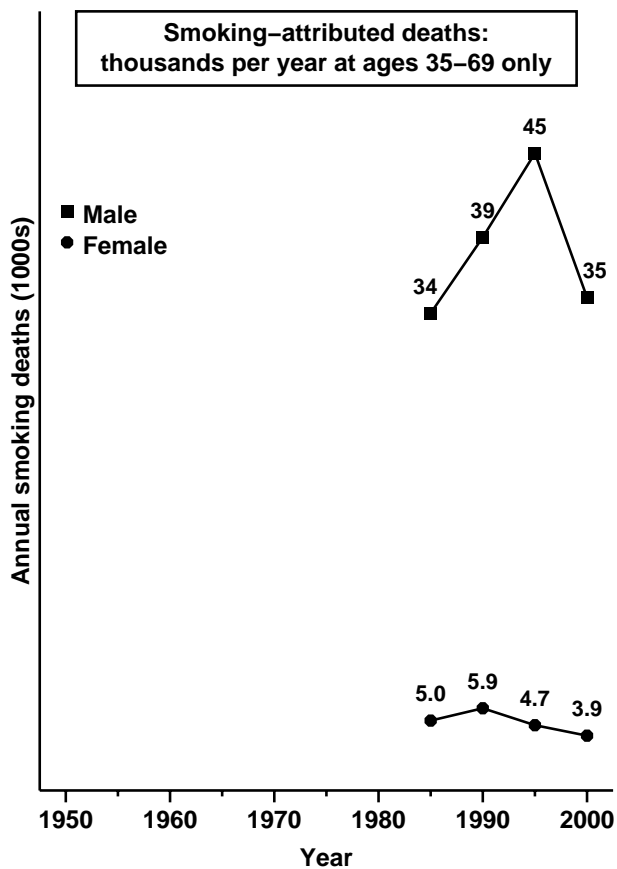
## 1980-2000 by age &amp; sex:

-/1886	795/2761 <b>(29%)</b>	164/1667 <b>(10%)</b>	958/6313	-/1355	96/1741 <b>(6%)</b>	62/2724 <b>(2%)</b>	159/5820
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\*Estimated as 10 times the sum of the annual numbers for 1985 &amp; 1995



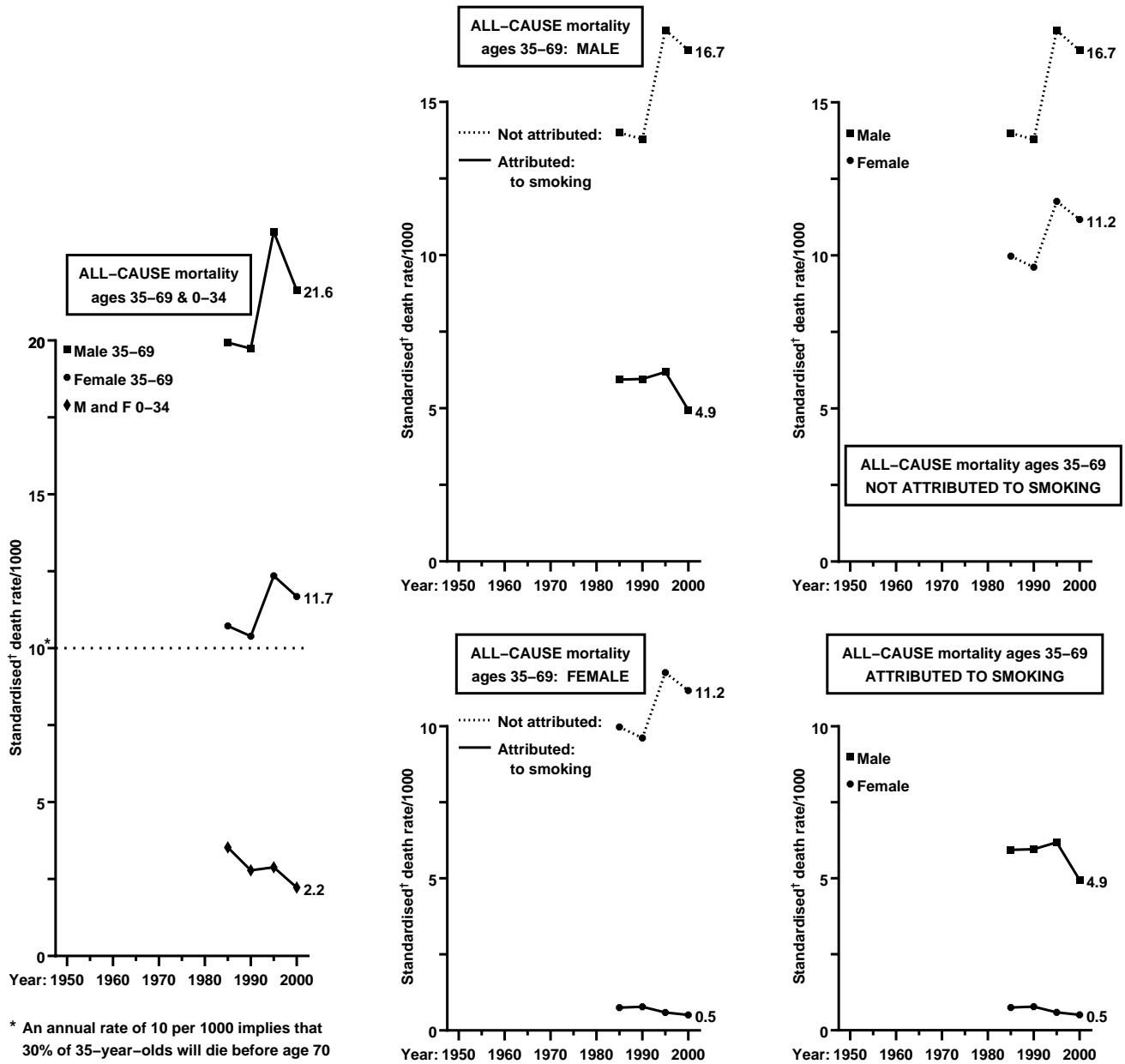
1985-2000: CENTRAL ASIA (8 countries)



**CENTRAL ASIA (8 countries): 1985-2000**

See note on page 127

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

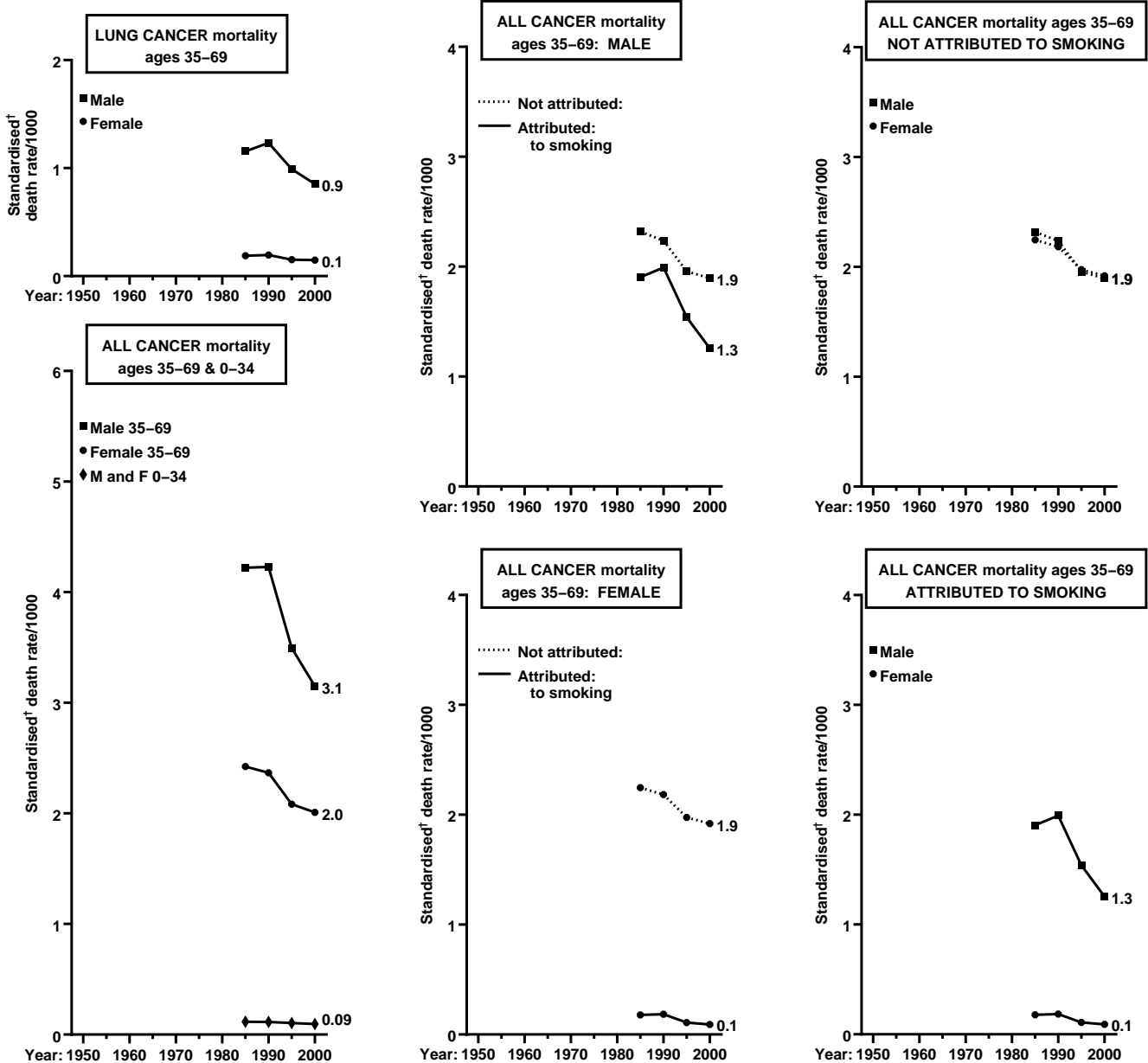


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	
1985	-	4.03	5.93	14.0	11.1	76.5	-	3.02	0.75	9.97	1.99	56.7
1990	-	3.31	5.95	13.8	12.2	71.2	-	2.25	0.77	9.61	2.33	54.5
1995	-	3.49	6.18	17.3	10.4	83.8	-	2.27	0.59	11.8	1.76	64.7
2000	-	2.77	4.94	16.7	9.42	78.1	-	1.67	0.51	11.2	1.79	63.7

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

1985-2000: CENTRAL ASIA (8 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



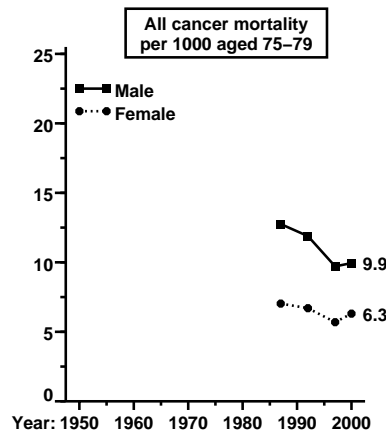
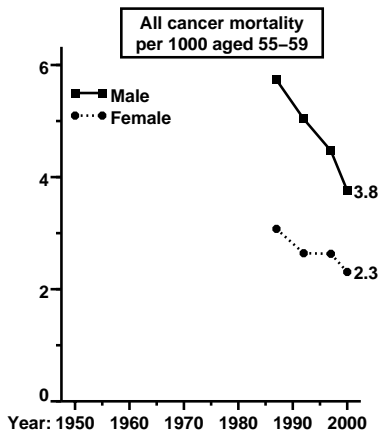
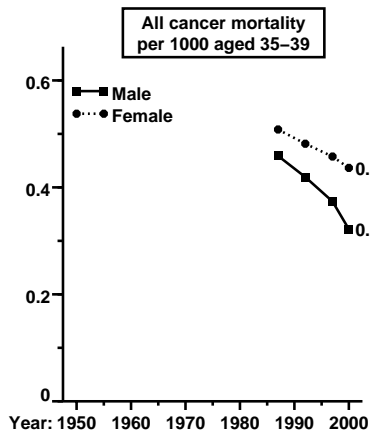
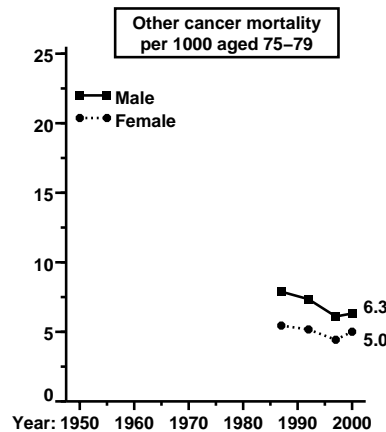
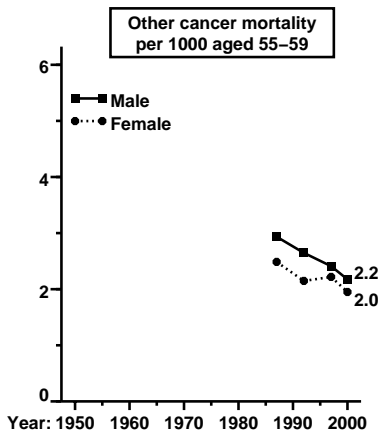
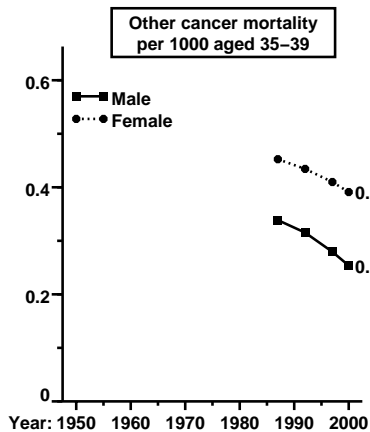
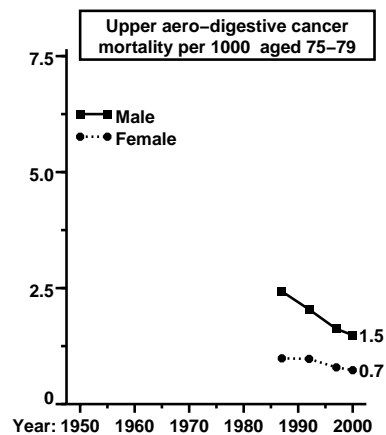
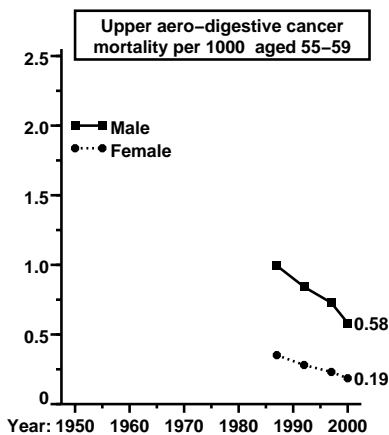
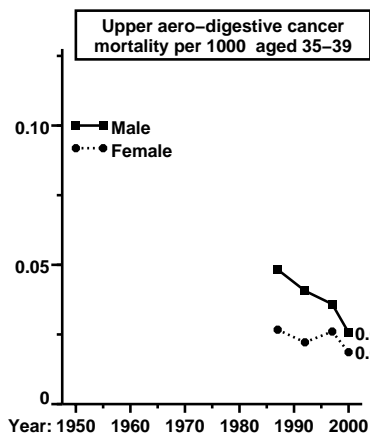
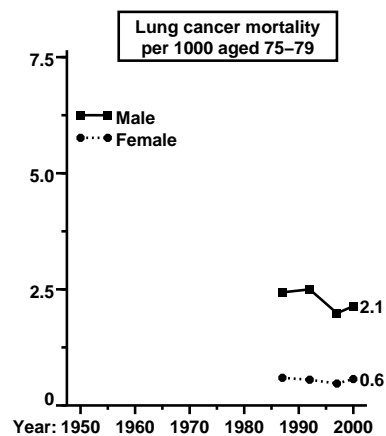
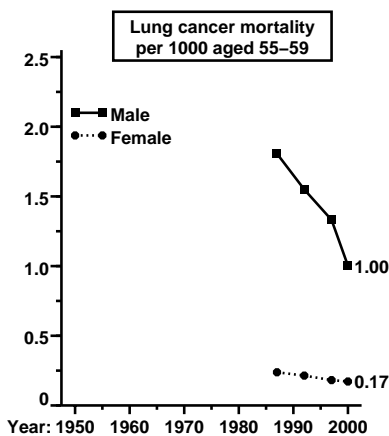
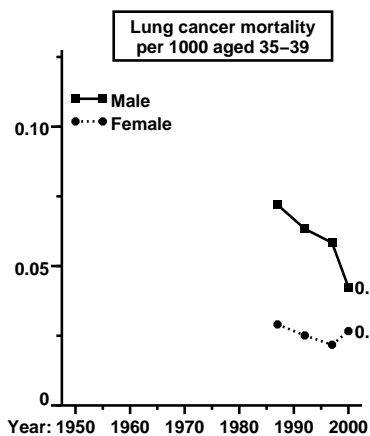
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		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	-	0.12	1.90	2.32	3.62	8.59	-	0.11	0.18	2.25	0.44	6.10		
1990	-	0.12	1.99	2.24	4.13	8.34	-	0.11	0.18	2.18	0.54	6.28		
1995	-	0.10	1.54	1.96	2.77	6.91	-	0.10	0.11	1.97	0.32	5.13		
2000	-	0.10	1.25	1.89	2.66	6.77	-	0.09	0.09	1.92	0.33	5.38		

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

**CENTRAL ASIA (8 countries): 1985-2000**

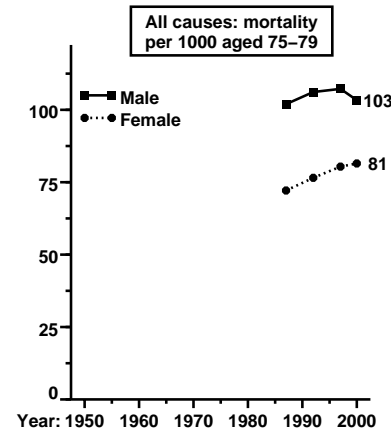
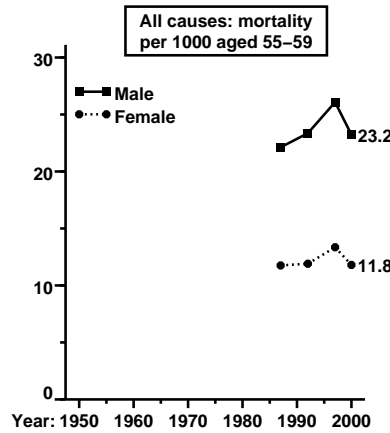
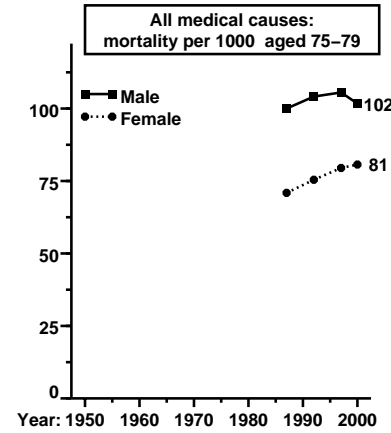
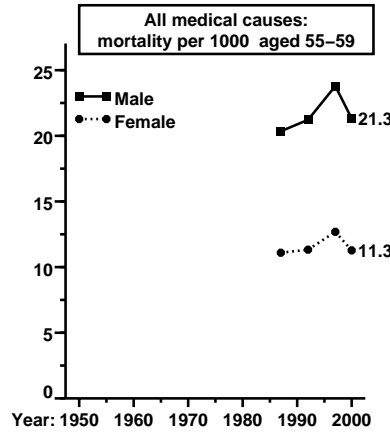
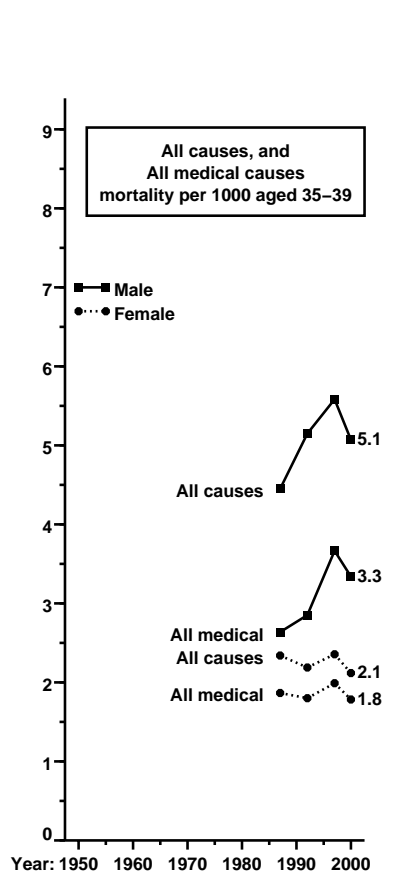
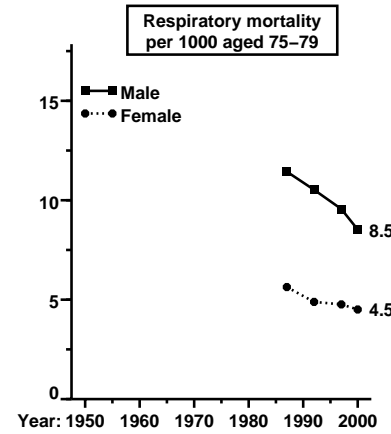
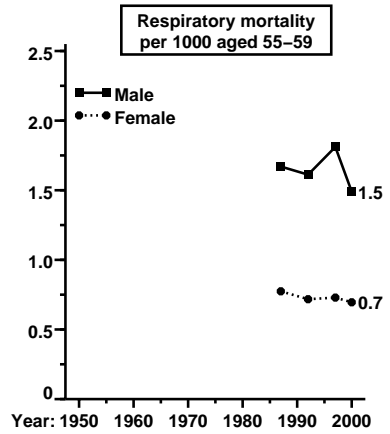
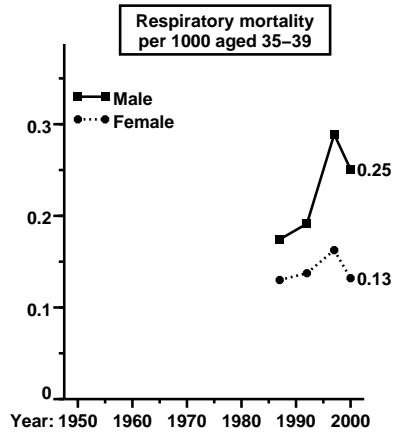
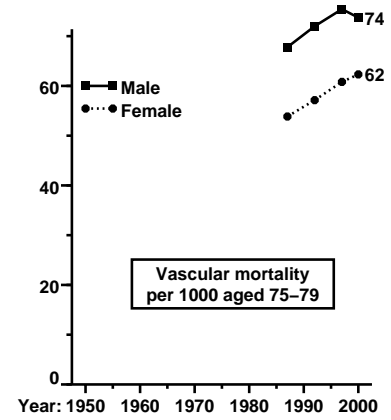
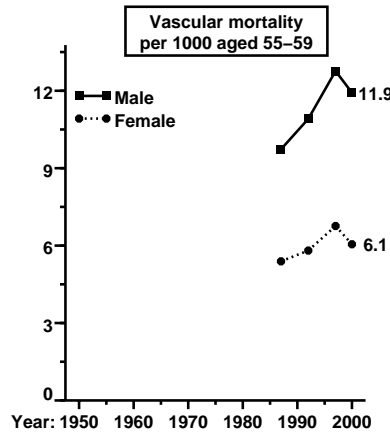
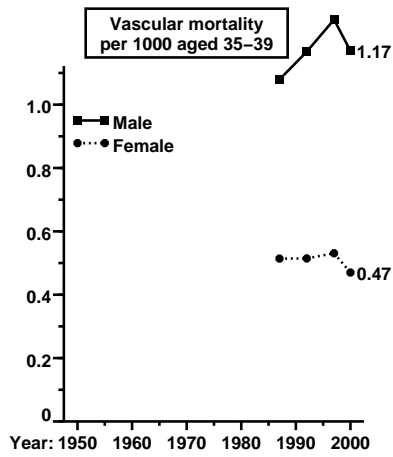
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1985-89,.....,1995-99; then year 2000 separately

1985-2000: CENTRAL ASIA (8 countries)

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



\* Annual mortality per 1000: averages of years available in 1985-89,.....,1995-99; then year 2000 separately