

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

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SWITZERLAND

Raw data (pages 470–71, 472–73)

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SWITZERLAND: 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	30411	1200	8783	744.3	76.2	686.3	127.2	13.9	19.7	55.6	106.3	110.9	99.7
	F	32134	566	4937	466.9	36.8	348.1	101.4	7.6	13.4	22.9	33.0	40.0	39.5
Tuberculosis	M	22	-	3	0.5	-	0.2	-	-	-	-	-	-	-
	F	11	-	3	0.2	-	0.2	-	-	-	-	-	-	-
HIV	M	86	18	65	2.2	1.0	3.6	-	-	-	-	-	2.2	4.6
	F	49	12	37	1.3	0.7	2.0	-	-	-	0.5	0.5	2.9	1.0
Other infective and parasitic	M	230	15	80	5.8	1.0	5.9	3.0	-	0.9	-	1.0	0.9	1.1
	F	315	12	50	4.9	0.8	3.7	3.1	-	0.5	-	1.0	0.4	0.7
ALL CANCER	M	8575	82	3296	215.8	5.1	266.2	2.5	2.7	4.1	3.8	7.9	5.3	9.1
	F	6934	82	2507	126.9	4.9	176.1	1.6	2.8	2.9	2.9	5.3	11.1	8.0
Mouth and pharynx cancer	M	275	3	179	7.4	0.2	13.4	0.5	-	-	-	0.5	-	0.4
	F	91	-	48	1.9	-	3.4	-	-	-	-	-	-	-
Oesophagus cancer	M	289	-	150	7.5	-	11.9	-	-	-	-	-	-	-
	F	95	-	29	1.6	-	2.0	-	-	-	-	-	-	-
Stomach cancer	M	343	3	122	8.5	0.2	9.4	-	-	-	-	-	-	1.1
	F	232	6	63	3.9	0.3	4.5	-	-	-	-	-	1.7	0.7
Colorectal cancer	M	929	2	309	23.0	0.1	25.4	-	-	-	-	-	0.4	0.4
	F	791	1	224	13.2	0.1	16.3	-	-	-	-	0.5	-	-
Liver cancer	M	345	1	157	8.9	0.1	13.1	-	-	-	-	-	-	0.4
	F	156	-	44	2.8	-	3.1	-	-	-	-	-	-	-
Pancreas cancer	M	401	2	176	10.3	0.1	14.2	-	-	-	-	-	-	0.7
	F	465	2	132	7.9	0.1	9.8	-	-	-	-	-	0.4	0.3
Larynx cancer	M	87	-	45	2.3	-	3.5	-	-	-	-	-	-	-
	F	17	-	7	0.3	-	0.5	-	-	-	-	-	-	-
Lung cancer	M	2044	3	976	53.0	0.2	79.3	-	-	-	-	0.5	-	0.7
	F	781	4	387	15.9	0.2	27.5	-	-	-	-	-	0.8	0.7
Malignant melanoma	M	141	3	72	3.6	0.2	5.4	-	-	-	-	-	0.4	0.7
	F	98	7	38	1.9	0.4	2.5	-	-	-	-	0.5	1.7	0.7
Female breast cancer	F	1337	9	637	26.4	0.5	43.2	-	-	-	-	-	0.8	2.4
Cervix cancer	F	85	3	44	1.7	0.2	2.8	-	-	-	-	-	0.4	0.7
Other uterine cancer	F	204	-	63	3.5	-	4.4	-	-	-	-	-	-	-
Ovarian cancer	F	420	2	151	7.7	0.1	11.0	-	-	-	0.5	-	0.4	-
Prostate cancer	M	1307	-	189	30.4	-	17.2	-	-	-	-	-	-	-
Bladder cancer	M	280	-	74	6.8	-	6.3	-	-	-	-	-	-	-
	F	156	-	33	2.5	-	2.4	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	1486	46	606	37.7	2.9	47.8	2.0	1.3	1.8	2.9	5.4	3.1	3.9
	F	1380	34	414	24.4	2.2	29.1	1.6	1.4	1.4	2.4	3.8	2.5	2.1
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and non-Hodgkin lymphomas	M	399	2	146	10.0	0.1	11.9	-	-	-	-	0.5	-	0.4
	F	396	5	131	7.2	0.3	9.3	-	0.5	0.5	-	-	0.8	0.3
Leukaemia	M	249	17	95	6.4	1.1	7.3	-	1.3	2.3	1.0	1.0	1.3	0.7
	F	230	9	62	4.0	0.6	4.3	-	0.9	1.0	-	0.5	1.7	-
Diabetes	M	626	2	168	15.2	0.1	14.1	-	-	-	-	-	0.4	0.4
	F	932	-	100	12.5	-	7.6	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	11011	46	2372	259.7	2.7	193.0	3.0	-	0.5	2.9	2.0	3.5	7.4
	F	13899	27	845	173.0	1.6	63.1	1.6	-	0.5	0.5	1.4	2.1	4.9
Rheumatic heart disease and fever	M	38	-	4	0.9	-	0.3	-	-	-	-	-	-	-
	F	97	-	7	1.2	-	0.6	-	-	-	-	-	-	-
Hypertensive disease	M	550	-	117	13.0	-	9.8	-	-	-	-	-	-	-
	F	1028	-	46	12.5	-	3.5	-	-	-	-	-	-	-
Ischaemic heart disease	M	5346	12	1291	127.3	0.6	105.5	-	-	-	-	0.5	0.9	3.2
	F	5360	2	341	66.9	0.1	26.0	-	-	-	-	-	-	0.7
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	1758	2	276	40.6	0.1	22.6	-	-	-	-	-	-	0.7
	F	2820	6	175	35.4	0.3	12.7	-	-	0.5	-	-	0.8	1.0
Other vascular disease, incl. venous	M	3319	32	684	77.9	2.0	54.8	3.0	-	0.5	2.9	1.5	2.6	3.5
	F	4594	19	276	56.9	1.1	20.3	1.6	-	-	0.5	1.4	1.2	3.1
Chronic obstructive pulmonary disease	M	1186	4	213	28.0	0.2	18.8	-	0.4	-	-	-	0.9	0.4
	F	687	-	98	10.1	-	7.3	-	-	-	-	-	-	-
Other respiratory disease	M	1231	7	146	28.0	0.5	12.2	0.5	-	0.5	0.5	0.5	0.9	0.4
	F	1521	8	90	18.8	0.5	6.5	1.6	-	0.5	0.5	-	-	1.0
Peptic ulcer	M	100	-	23	2.4	-	1.8	-	-	-	-	-	-	-
	F	145	-	14	2.0	-	1.1	-	-	-	-	-	-	-
Liver cirrhosis & other liver disease	M	459	2	304	12.2	0.1	22.3	0.5	-	-	-	-	-	0.4
	F	219	4	136	4.8	0.2	9.2	-	-	-	-	-	0.4	1.0
Renal disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pregnancy, birth	F	5	4	1	0.1	0.2	0.1	-	-	-	-	-	0.8	0.7
Congenital and perinatal causes	M	233	192	25	8.4	13.4	1.7	83.3	0.9	1.8	1.0	3.0	2.2	1.4
	F	214	150	42	7.4	10.9	2.7	67.8	0.5	2.9	0.5	1.9	1.7	1.0
Ill-defined causes	M	1002	78	372	25.3	5.0	27.7	10.8	1.3	1.4	2.4	5.4	7.5	6.0
	F	1001	47	166	15.3	3.2	11.7	12.9	-	1.0	2.4	3.8	0.8	1.7
Other medical causes	M	3275	176	684	77.9	10.9	52.1	11.3	1.8	3.2	4.3	14.8	22.8	17.9
	F	4833	66	446	64.4	4.2	31.6	6.7	0.5	2.4	2.9	6.7	3.7	6.3
ALL NON-MEDICAL CAUSES	M	2375	578	1032	63.0	36.3	66.8	12.3	6.7	7.3	40.7	71.7	64.4	50.9
	F	1369	154	402	25.2	9.6	25.3	6.2	3.8	2.9	12.7	12.4	16.1	12.9
Road traffic accidents	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire	M	22	7	9	0.6	0.5	0.7	1.5	0.4	-	1.0	-	-	0.4
	F	14	1	7	0.3	0.1	0.4	-	-	-	-	0.5	-	-
Suicide	M	979	230	536	26.2	14.1	33.4	-	-	1.8	12.9	25.7	34.6	23.9
	F	399	68	220	9.3	4.0	13.7	-	-	0.5	3.9	5.7	9.5	8.4
Homicide	M	25	14	9	0.7	0.9	0.6	1.5	-	-	0.5	2.0	1.3	1.1
	F	32	16	13	0.9	1.0	0.7	1.6	-	1.0	0.5	1.9	0.4	1.7
POPULATION:			M=male											
(1000s; UN, 2004 revision)			F=female											
					3480.6	1567.5	1614.8	202.9	222.5	218.1	208.8	202.3	228.1	284.8
					3686.9	1556.1	1661.3	193.3	210.6	209.1	205.4	209.2	242.4	286.1

2000: SWITZERLAND

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			
117.8	175.5	275.9	452.4	714.3	1150.8	1917.5	3048.5	5340.1	12941.5	M	ALL CAUSES	001-999/A00-Y89
69.9	97.5	145.8	241.4	394.4	577.2	910.6	1568.6	2846.9	10802.0	F		
-	0.3	-	-	-	0.6	0.7	1.7	2.3	16.0	M	Tuberculosis	010-018/A15-A19
-	0.4	-	-	-	1.1	-	0.7	-	3.7	F		
7.2	4.9	4.9	1.7	3.7	1.2	1.4	1.7	-	1.1	M	HIV	279.5, 279.6/B20-B24
4.3	4.7	2.0	0.4	1.3	0.5	0.6	-	-	-	F		
1.9	2.4	4.1	3.8	6.5	9.1	13.5	24.2	41.7	74.5	M	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
0.3	-	2.4	1.6	3.1	7.5	10.9	16.3	37.9	94.0	F		
16.6	37.4	66.5	168.8	302.8	511.2	760.3	1192.2	1685.8	2471.3	M	ALL CANCER	140-208/C00-C97
24.7	41.7	81.3	130.9	222.1	311.1	421.1	602.6	792.3	1267.3	F		
0.3	2.1	4.9	15.9	24.0	19.5	27.0	26.8	29.3	38.3	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	-	1.2	2.8	4.8	8.6	5.4	7.5	6.1	12.6	F		
-	1.0	2.8	9.2	18.9	18.2	33.4	43.3	40.5	56.4	M	Oesophagus cancer	150/C15
-	0.4	0.4	1.6	3.5	4.8	3.6	7.5	10.6	21.5	F		
1.3	0.7	4.1	7.1	14.7	15.8	22.0	45.9	74.3	105.3	M	Stomach cancer	151/C16
1.0	-	1.6	3.2	5.2	10.7	9.7	15.6	21.2	58.8	F		
2.5	3.5	6.5	13.8	24.0	45.6	81.8	137.7	198.2	301.1	M	Colorectal cancer	153, 154/C18-C21
1.3	1.8	6.0	9.6	19.2	29.4	46.5	57.7	100.1	183.3	F		
0.3	1.0	4.1	5.8	11.5	29.8	39.1	46.8	86.7	59.6	M	Liver cancer	155.0, 155.1/C22
0.3	1.1	0.8	1.6	5.2	4.3	8.5	22.4	19.0	28.4	F		
1.6	2.8	2.0	9.2	15.7	27.4	40.5	71.0	73.2	80.9	M	Pancreas cancer	157/C25
0.3	1.1	2.4	3.6	12.7	18.7	29.6	43.5	62.9	96.6	F		
-	0.3	0.4	2.5	6.5	7.3	7.8	13.9	15.8	12.8	M	Larynx cancer	161/C32
-	-	0.4	0.8	-	0.5	1.8	0.7	0.8	4.2	F		
1.9	7.6	19.5	50.5	92.2	166.0	217.6	322.9	402.0	356.4	M	Lung cancer	162/C33, C34
1.6	3.6	11.2	25.7	35.9	39.0	75.5	80.2	81.9	86.1	F		
2.2	1.7	-	4.6	6.9	9.7	12.8	14.7	22.5	30.9	M	Malignant melanoma	172/C43
1.6	-	2.0	2.4	3.1	3.7	4.8	9.5	8.3	14.7	F		
5.6	16.6	27.6	38.6	59.5	78.0	76.7	101.9	116.0	203.8	F	Female breast cancer	174/C50
2.0	2.5	2.8	1.6	3.1	3.7	3.6	6.8	3.8	12.1	F	Cervix cancer	180/C53
0.3	0.4	2.8	4.0	5.2	8.0	10.3	15.6	28.8	42.0	F	Other uterine cancer	179, 182/C54, C55
1.0	0.7	3.2	4.4	14.4	27.3	26.0	39.4	56.1	70.9	F	Ovarian cancer	183.0/C56
-	-	-	3.8	8.8	37.1	71.1	151.5	295.0	724.5	M	Prostate cancer	185/C61
-	-	1.2	4.6	4.6	12.8	20.6	36.4	47.3	129.8	M	Bladder cancer	188/C67
-	0.7	1.2	1.6	1.3	4.3	7.9	16.3	12.1	43.6	F		
5.3	12.1	14.2	30.1	55.8	85.1	132.3	191.3	269.1	397.9	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
5.3	9.7	11.6	20.5	33.2	50.2	73.1	120.9	172.1	276.8	F	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
-	2.8	5.3	5.8	9.2	24.9	35.6	57.1	89.0	112.8	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C85, C90
2.3	1.4	4.0	6.0	10.1	15.0	26.6	36.0	67.5	62.0	F	Leukaemia	204-208/C91-C95
1.3	1.7	1.6	5.8	10.1	12.2	18.5	32.9	42.8	64.9	M		
1.3	1.8	2.0	2.8	5.7	4.8	11.5	21.1	25.0	49.9	F		
0.3	1.4	5.3	5.4	14.3	20.7	51.2	83.1	129.5	260.6	M	Diabetes	250/E10-E14
1.0	0.4	1.2	4.4	6.1	10.2	29.6	47.6	91.7	336.7	F		
15.7	36.1	64.9	110.3	182.0	312.5	629.4	1045.0	2004.5	5963.8	M	ALL VASCULAR DISEASE	390-459/I00-I99
6.3	9.7	20.4	30.5	46.8	103.2	224.8	470.8	1121.3	5701.2	F		
-	-	-	0.8	-	0.6	0.7	2.6	5.6	27.7	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	1.6	2.4	3.4	12.1	36.2	F		
0.3	1.7	4.1	4.2	6.9	14.6	37.0	59.7	100.2	292.6	M	Hypertensive disease	401-404/I10-I13
-	0.4	0.8	2.8	0.9	8.6	10.9	38.7	77.3	432.2	F		
5.0	18.4	34.1	63.1	100.0	174.5	343.5	547.2	1028.2	2657.4	M	Ischaemic heart disease	410-414/I20-I25
0.7	2.2	8.0	9.6	20.1	39.6	102.1	188.2	441.2	2183.8	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
1.9	4.9	6.5	13.4	17.5	40.7	73.3	158.4	318.7	1078.7	M	Cerebrovascular disease	430-438/I60-I69
2.6	2.5	5.6	8.4	8.3	21.4	39.9	101.2	248.7	1135.5	F		
8.5	11.1	20.3	28.8	57.6	82.1	175.0	277.1	551.8	1907.4	M	Other vascular disease, incl. venous	Rest of 390-459/rest of I00-I99
3.0	4.7	6.0	9.6	17.5	32.1	69.5	139.3	341.9	1913.3	F	Chronic obstructive pulmonary disease	490-494, 496/J40-J47
0.3	-	1.2	5.8	14.3	40.7	69.0	143.7	296.2	574.5	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
0.3	0.4	1.2	3.2	9.2	14.4	22.4	54.3	92.5	203.3	F		
1.3	2.4	3.2	5.0	10.6	17.0	45.5	84.8	211.7	842.6	M	Peptic ulcer	531-533/K25-K27
0.3	0.7	1.6	4.4	8.3	13.4	16.9	44.8	102.4	641.8	F		
-	0.3	1.2	0.8	3.2	2.4	4.3	6.9	19.1	55.3	M		
-	-	0.8	0.4	0.4	2.1	3.6	9.5	14.4	51.5	F		
3.1	9.4	15.0	21.3	25.3	35.3	46.9	46.8	41.7	66.0	M	Liver cirrhosis & other liver disease	570-573/K70-K76
1.3	4.3	4.0	8.4	14.0	15.5	16.9	12.9	23.5	15.2	F	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
-	0.4	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/O00-O99
0.9	0.7	0.4	2.9	2.3	1.8	2.8	3.5	9.0	4.3	M	Congenital and perinatal causes	740-779/P00-P96, Q00-Q99
1.3	1.1	0.8	3.2	5.7	1.1	6.0	4.1	4.5	5.3	F	Ill-defined causes	780-799/R00-R99
9.1	6.2	14.6	24.6	30.9	45.0	63.3	77.1	146.4	354.3	M		
3.3	2.2	7.2	4.8	15.3	19.8	29.0	38.0	72.8	334.0	F		
14.1	18.4	26.4	36.3	45.2	87.5	136.6	218.2	563.1	1769.1	M	Other medical causes	Rest of 001-799/rest of A00-R99
8.9	10.1	8.4	22.9	32.8	44.4	93.7	199.7	410.2	1830.9	F		
47.1	55.5	68.2	65.6	73.3	65.7	92.5	119.5	189.2	488.3	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
17.8	21.6	14.4	26.1	29.3	33.1	35.0	67.3	83.4	317.2	F	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Fire	E890-E899/X00-X09
...	...	...	...	...	...	...	...	...	...	F		
0.7	0.7	0.4	-	1.4	0.6	2.1	1.7	1.1	3.2	M	Suicide	E950-E959/X60-X84
29.8	30.2	36.1	37.2	36.4	26.7	37.7	52.8	66.4	98.9	M		
9.9	12.6	10.4	13.3	14.4	19.8	15.7	21.7	19.7	27.8	F	Homicide	E960-E969/X85-X99, Y00-Y09
0.9	0.3	-	0.8	0.5	0.6	0.7	1.7	-	-	M		
1.3	1.1	0.8	0.8	0.4	-	0.6	0.7	0.8	0.5	F		
318.4	288.4	246.5	239.4	217.0	164.5	140.6	115.5	88.8	94.0	M	POPULATION	
303.4	277.9	249.7	249.0	228.7	187.1	165.5	147.2	131.9	190.4	F	(1000s; UN, 2004 revision)	

SWITZERLAND: 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	Cirrhosis & other liver	Other medical	Non-medical
1995											
0-34 Sm.	-	-	-	-	-	-	-	-	-	-	-
Total	1655	100	5	1	94	5	8	51	7	810	674
35-69 Sm.	2425	1275	850	196	229	155	24	597	-	374	-
Total	9521 (25%)	3346 (38%)	951 (89%)	356 (55%)	2039 (11%)	220 (70%)	109 (22%)	2809 (21%)	346	1642 (23%)	1049
70+ Sm.	3268	1368	880	121	367	714	63	812	-	311	-
Total	20446 (16%)	4962 (28%)	998 (88%)	230 (53%)	3734 (10%)	1074 (66%)	757 (8%)	9196 (9%)	155	3571 (9%)	731
Any age Sm.	5693	2643	1730	317	596	869	87	1409	-	685	-
Total	31622 (18%)	8408 (31%)	1954 (89%)	587 (54%)	5867 (10%)	1299 (67%)	874 (10%)	12056 (12%)	508	6023 (11%)	2454
2000											
0-34 Sm.	-	-	-	-	-	-	-	-	-	-	-
Total	1200	82	3	3	76	4	7	46	2	481	578
35-69 Sm.	2243	1278	868	202	208	148	30	484	-	303	-
Total	8783 (26%)	3296 (39%)	976 (89%)	374 (54%)	1946 (11%)	213 (69%)	146 (21%)	2372 (20%)	304	1420 (21%)	1032
70+ Sm.	3313	1476	942	145	389	654	92	765	-	326	-
Total	20428 (16%)	5197 (28%)	1065 (88%)	274 (53%)	3858 (10%)	969 (67%)	1078 (9%)	8593 (9%)	153	3673 (9%)	765
Any age Sm.	5556	2754	1810	347	597	802	122	1249	-	629	-
Total	30411 (18%)	8575 (32%)	2044 (89%)	651 (53%)	5880 (10%)	1186 (68%)	1231 (10%)	11011 (11%)	459	5574 (11%)	2375

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>
POPULATION (1000s; UN, 2004 revision)													
1995	3426.3	1646.4	1506.5	294.9	256.9	251.4	228.6	183.4	157.4	133.9	111.2	76.8	85.4
2000	3480.6	1567.5	1614.8	318.4	288.4	246.5	239.4	217.0	164.5	140.6	115.5	88.8	94.0
NUMBER OF DEATHS (Source: WHO)													
All causes													
1995	31622	1655	9521	485	560	829	1128	1475	2113	2931	4027	4459	11960
2000	30411	1200	8783	375	506	680	1083	1550	1893	2696	3521	4742	12165
Lung cancer													
1995	1954	5	951	6	28	59	106	187	238	327	384	289	325
2000	2044	3	976	6	22	48	121	200	273	306	373	357	335
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)													
All causes													
1995	840.2*	95.1*	791.6*	164.5	218.0	329.8	493.4	804.3	1342.4	2188.9	3621.4	5806.0	14004.7
2000	744.3*	76.2*	686.3*	117.8	175.5	275.9	452.4	714.3	1150.8	1917.5	3048.5	5340.1	12941.5
All cancer													
1995	229.8*	5.8*	288.2*	17.6	48.7	93.9	169.3	328.8	524.1	835.0	1262.6	1661.5	2672.1
2000	215.8*	5.1*	266.2*	16.6	37.4	66.5	168.8	302.8	511.2	760.3	1192.2	1685.8	2471.3
Lung cancer													
1995	54.9*	0.3*	82.9*	2.0	10.9	23.5	46.4	102.0	151.2	244.2	345.3	376.3	380.6
2000	53.0*	0.2*	79.3*	1.9	7.6	19.5	50.5	92.2	166.0	217.6	322.9	402.0	356.4
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
1995	16.7*	0.1*	29.0*	1.4	8.2	13.9	23.2	44.2	48.9	63.5	73.7	67.7	112.4
2000	17.2*	0.2*	28.9*	0.3	3.5	8.1	27.6	49.3	45.0	68.3	84.0	85.6	107.4
Other cancer													
1995	158.2*	5.4*	176.3*	14.2	29.6	56.5	99.7	182.7	324.0	527.3	843.5	1217.4	2179.2
2000	145.6*	4.7*	158.1*	14.4	26.4	38.9	90.6	161.3	300.3	474.4	785.3	1198.2	2007.4
Chronic obstructive pulmonary disease (COPD)													
1995	33.5*	0.3*	20.9*	-	0.8	2.4	6.1	11.5	37.5	88.1	183.5	339.8	713.1
2000	28.0*	0.2*	18.8*	0.3	-	1.2	5.8	14.3	40.7	69.0	143.7	296.2	574.5
Other respiratory disease													
1995	21.9*	0.5*	9.5*	1.4	2.3	1.6	4.8	8.2	19.7	28.4	70.1	170.6	641.7
2000	28.0*	0.5*	12.2*	1.3	2.4	3.2	5.0	10.6	17.0	45.5	84.8	211.7	842.6
Vascular disease													
1995	313.0*	2.8*	245.7*	15.6	39.7	75.2	135.6	229.6	432.0	792.4	1405.6	2467.4	6719.0
2000	259.7*	2.7*	193.0*	15.7	36.1	64.9	110.3	182.0	312.5	629.4	1045.0	2004.5	5963.8
Liver cirrhosis and other liver disease													
1995	14.6*	0.3*	27.2*	3.7	9.3	15.5	27.6	35.4	49.6	49.3	55.8	50.8	63.2
2000	12.2*	0.1*	22.3*	3.1	9.4	15.0	21.3	25.3	35.3	46.9	46.8	41.7	66.0
Other medical causes													
1995	159.6*	46.3*	126.4*	70.5	65.0	69.2	87.1	112.3	187.4	293.5	509.0	912.8	2697.9
2000	137.6*	31.3*	107.0*	33.6	34.7	56.8	75.6	106.0	168.4	273.8	416.5	911.0	2535.1
All non-medical causes													
1995	67.8*	39.2*	73.7*	55.6	52.2	72.0	63.0	78.5	92.1	102.3	134.9	203.1	497.7
2000	63.0*	36.3*	66.8*	47.1	55.5	68.2	65.6	73.3	65.7	92.5	119.5	189.2	488.3

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

1995, 2000: SWITZERLAND

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 & other liver	Other medical	Non-medical
1995												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	798	77	3	1	73	0	7	33	2	465	214
35-69	Sm.	479	240	190	21	29	47	6	96	-	90	-
	Total	5099	2503	310	70	2123	103	57	982	149	906	399
		(9%)	(10%)	(61%)	(30%)	(1%)	(46%)	(11%)	(10%)		(10%)	
70+	Sm.	774	203	148	20	35	165	19	260	-	127	-
	Total	25870	4335	287	101	3947	471	992	13112	86	6134	740
		(3%)	(5%)	(52%)	(20%)	(1%)	(35%)	(2%)	(2%)		(2%)	
Any age	Sm.	1253	443	338	41	64	212	25	356	-	217	-
	Total	31767	6915	600	172	6143	574	1056	14127	237	7505	1353
		(4%)	(6%)	(56%)	(24%)	(1%)	(37%)	(2%)	(3%)		(3%)	
2000												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	566	82	4	0	78	0	8	27	4	291	154
35-69	Sm.	600	321	259	29	33	54	12	105	-	108	-
	Total	4937	2507	387	84	2036	98	90	845	136	859	402
		(12%)	(13%)	(67%)	(35%)	(2%)	(55%)	(13%)	(12%)		(13%)	
70+	Sm.	1167	314	234	33	47	263	39	366	-	185	-
	Total	26631	4345	390	119	3836	589	1423	13027	79	6355	813
		(4%)	(7%)	(60%)	(28%)	(1%)	(45%)	(3%)	(3%)		(3%)	
Any age	Sm.	1767	635	493	62	80	317	51	471	-	293	-
	Total	32134	6934	781	203	5950	687	1521	13899	219	7505	1369
		(5%)	(9%)	(63%)	(31%)	(1%)	(46%)	(3%)	(3%)		(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	3576.5	1590.1	1541.4	276.1	250.4	250.6	231.4	193.6	178.6	160.7	149.6	114.2	181.2
2000	3686.9	1556.1	1661.3	303.4	277.9	249.7	249.0	228.7	187.1	165.5	147.2	131.9	190.4
NUMBER OF DEATHS (Source: WHO)													
All causes													
1995	31767	798	5099	218	307	440	635	765	1088	1646	2626	3511	19733
2000	32134	566	4937	212	271	364	601	902	1080	1507	2309	3755	20567
Lung cancer													
1995	600	3	310	6	18	23	40	60	78	85	104	75	108
2000	781	4	387	5	10	28	64	82	73	125	118	108	164
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)													
All causes													
1995	497.1*	47.8*	382.9*	79.0	122.6	175.6	274.4	395.1	609.2	1024.3	1755.3	3074.4	10890.2
2000	466.9*	36.8*	348.1*	69.9	97.5	145.8	241.4	394.4	577.2	910.6	1568.6	2846.9	10802.0
All cancer													
1995	134.1*	4.4*	187.2*	24.6	53.9	93.4	154.3	216.9	312.4	454.9	633.0	797.7	1367.0
2000	126.9*	4.9*	176.1*	24.7	41.7	81.3	130.9	222.1	311.1	421.1	602.6	792.3	1267.3
Lung cancer													
1995	13.3*	0.1*	23.3*	2.2	7.2	9.2	17.3	31.0	43.7	52.9	69.5	65.7	59.6
2000	15.9*	0.2*	27.5*	1.6	3.6	11.2	25.7	35.9	39.0	75.5	80.2	81.9	86.1
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
1995	3.4*	0.0*	5.1*	-	2.0	3.2	3.9	9.3	9.5	8.1	12.0	14.9	36.4
2000	3.8*	-	5.9*	0.7	0.4	2.0	5.2	8.3	13.9	10.9	15.6	17.4	38.3
Other cancer													
1995	117.4*	4.2*	158.7*	22.5	44.7	81.0	133.1	176.7	259.2	393.9	551.5	717.2	1271.0
2000	107.2*	4.7*	142.7*	22.4	37.8	68.1	100.0	178.0	258.2	334.7	506.8	692.9	1142.9
Chronic obstructive pulmonary disease (COPD)													
1995	9.1*	-	8.3*	0.4	-	1.6	2.6	7.2	16.8	29.9	41.4	74.4	178.8
2000	10.1*	-	7.3*	0.3	0.4	1.2	3.2	9.2	14.4	22.4	54.3	92.5	203.3
Other respiratory disease													
1995	13.7*	0.4*	4.2*	1.1	1.2	2.4	3.9	4.1	7.8	8.7	29.4	80.6	472.4
2000	18.8*	0.5*	6.5*	0.3	0.7	1.6	4.4	8.3	13.4	16.9	44.8	102.4	641.8
Vascular disease													
1995	190.5*	2.0*	77.7*	7.2	14.8	20.0	32.0	66.6	130.5	273.2	617.6	1331.9	5886.9
2000	173.0*	1.6*	63.1*	6.3	9.7	20.4	30.5	46.8	103.2	224.8	470.8	1121.3	5701.2
Liver cirrhosis and other liver disease													
1995	5.6*	0.1*	10.6*	1.4	4.8	9.2	11.7	13.9	14.0	19.3	17.4	19.3	21.0
2000	4.8*	0.2*	9.2*	1.3	4.3	4.0	8.4	14.0	15.5	16.9	12.9	23.5	15.2
Other medical causes													
1995	117.1*	28.2*	67.5*	26.1	27.2	29.9	41.5	58.4	94.6	194.8	354.3	696.1	2654.0
2000	108.0*	20.0*	60.5*	19.1	19.1	22.8	37.8	64.7	86.6	173.4	315.9	631.5	2656.0
All non-medical causes													
1995	27.0*	12.8*	27.3*	18.1	20.8	19.2	28.5	27.9	33.0	43.6	62.2	74.4	310.2
2000	25.2*	9.6*	25.3*	17.8	21.6	14.4	26.1	29.3	33.1	35.0	67.3	83.4	317.2

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

SWITZERLAND: 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	– / 1.2	– / 0.6	–
35–69	2.2 / 8.8	0.6 / 4.9	23 years
70+	3.3 / 20	1.2 / 27	8 years
All ages	5.6 / 30	1.8 / 32	14 years

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

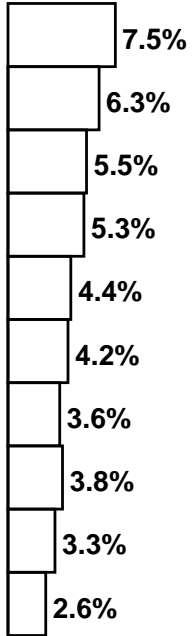
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.9/1.0	0.9/1.1	1.8/2.0	–/0.0	0.3/0.4	0.2/0.4	0.5/0.8
All Cancer	–/0.1	1.3/3.3 (39%)	1.5/5.2 (28%)	2.8/8.6	–/0.1	0.3/2.5 (13%)	0.3/4.3 (7%)	0.6/6.9
Vascular	–/0.0	0.5/2.4	0.8/8.6	1.2/11	–/0.0	0.1/0.8	0.4/13	0.5/14
Respiratory	–/0.0	0.2/0.4	0.7/2.0	0.9/2.4	–/0.0	0.1/0.2	0.3/2.0	0.4/2.2
All Other	–/1.1	0.3/2.8	0.3/4.6	0.6/8.4	–/0.4	0.1/1.4	0.2/7.2	0.3/9.1
All Causes	–/1.2	2.2/8.8 (26%)	3.3/20 (16%)	5.6/30	–/0.6	0.6/4.9 (12%)	1.2/27 (4%)	1.8/32

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

Cause	Male	Female	Male + Female
All Cancer	2.8 / 8.6 (32%)	0.6 / 6.9 (9%)	3.4 / 16 (22%)
All Causes	5.6 / 30 (18%)	1.8 / 32 (5%)	7.3 / 63 (12%)

1955-2000: SWITZERLAND

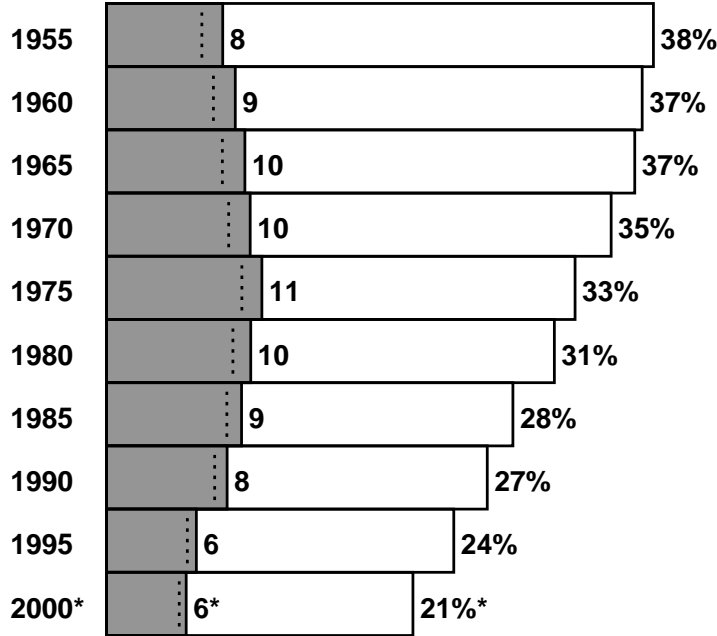
Population risk of dying at ages 0-34



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

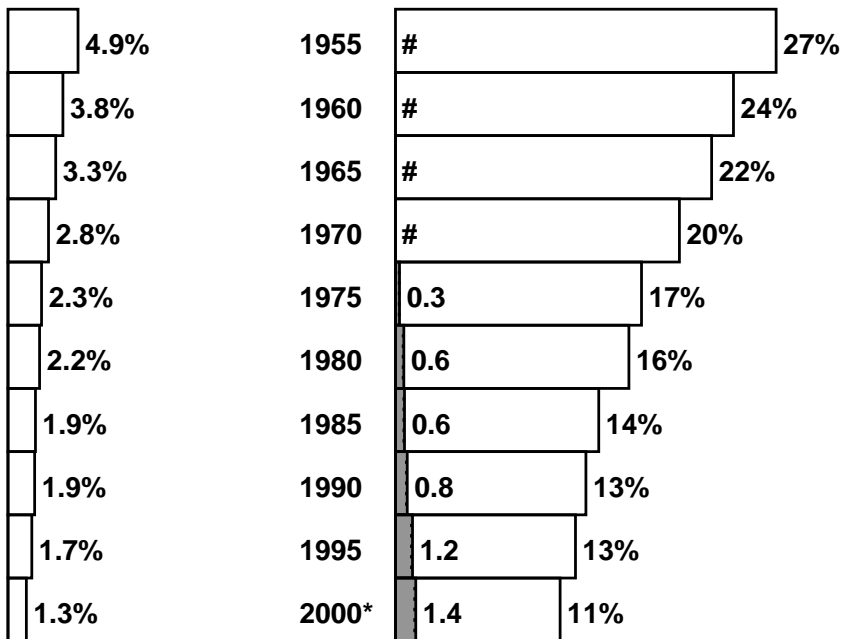
*eg, at year 2000 male death rates, out of 100 men aged 35, 21 would die before age 70 (with 6 of these deaths attributed to smoking)

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



Real risk too low to estimate reliably

SWITZERLAND: 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	-/3.0	2.4/11 (22%)	0.7/12 (6%)	3.1/26	-/1.9	0.0/8.1	0.0/15	0.0/25
1960	-/2.8	2.8/11 (25%)	1.0/13 (8%)	3.8/27	-/1.6	0.0/7.6	0.0/16	0.0/25
1965	-/2.7	3.2/12 (27%)	1.5/14 (10%)	4.6/29	-/1.6	0.0/7.7	0.0/17	0.0/26
1970	-/2.7	3.5/12 (29%)	2.1/15 (14%)	5.6/30	-/1.4	0.0/7.2	0.0/19	0.0/27
1975	-/2.1	3.8/11 (33%)	2.7/16 (17%)	6.4/30	-/1.1	0.1/6.3 (2%)	0.0/19	0.1/26
1980	-/1.9	3.5/11 (32%)	3.2/18 (18%)	6.6/31	-/0.9	0.2/5.8 (3%)	0.2/22 (0.7%)	0.4/28
1985	-/1.7	3.3/10 (32%)	3.6/19 (19%)	6.9/31	-/0.8	0.2/5.3 (4%)	0.3/23 (1%)	0.5/29
1990	-/2.0	3.1/10 (31%)	3.7/20 (18%)	6.8/32	-/0.9	0.3/5.2 (6%)	0.9/25 (3%)	1.2/31
1995	-/1.7	2.4/9.5 (25%)	3.3/20 (16%)	5.7/32	-/0.8	0.5/5.1 (9%)	0.8/26 (3%)	1.3/32
2000	-/1.2	2.2/8.8 (26%)	3.3/20 (16%)	5.6/30	-/0.6	0.6/4.9 (12%)	1.2/27 (4%)	1.8/32

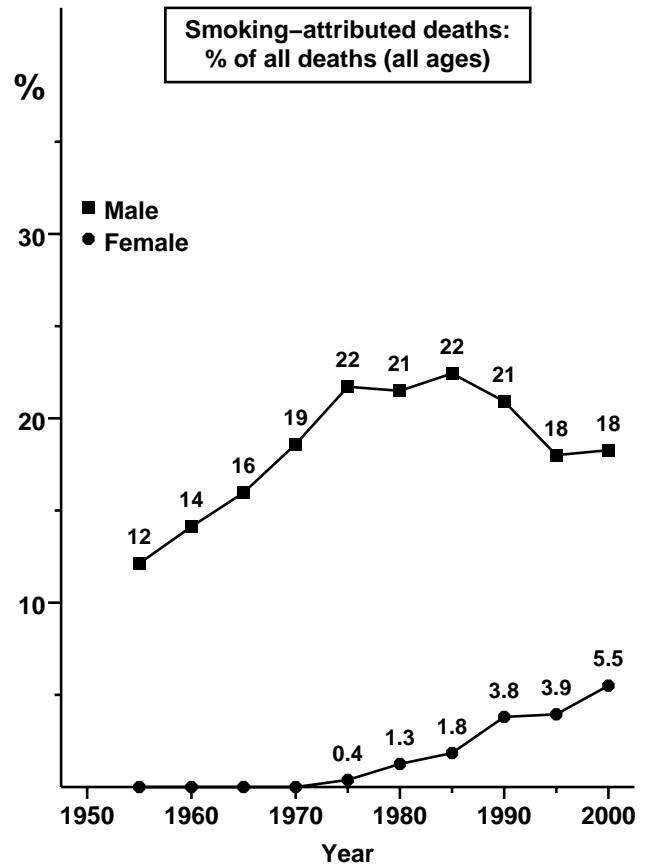
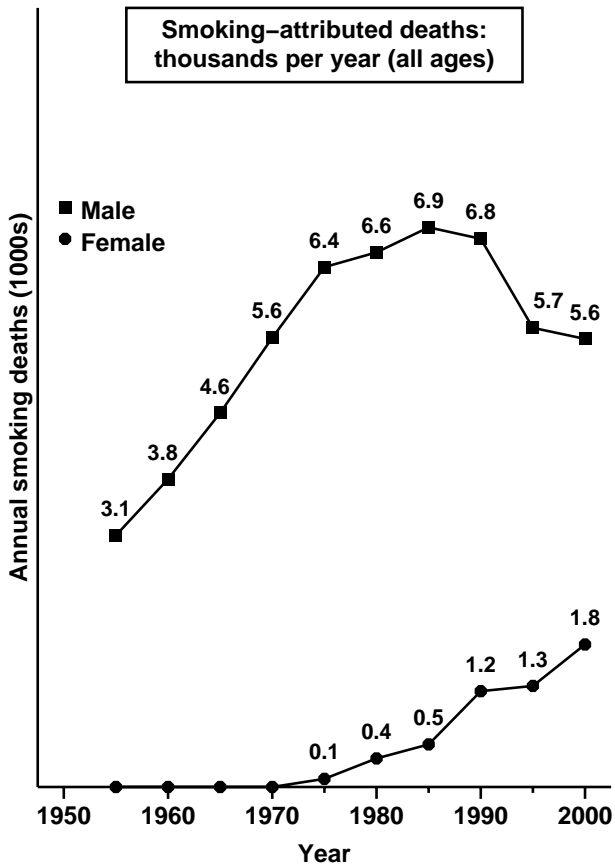
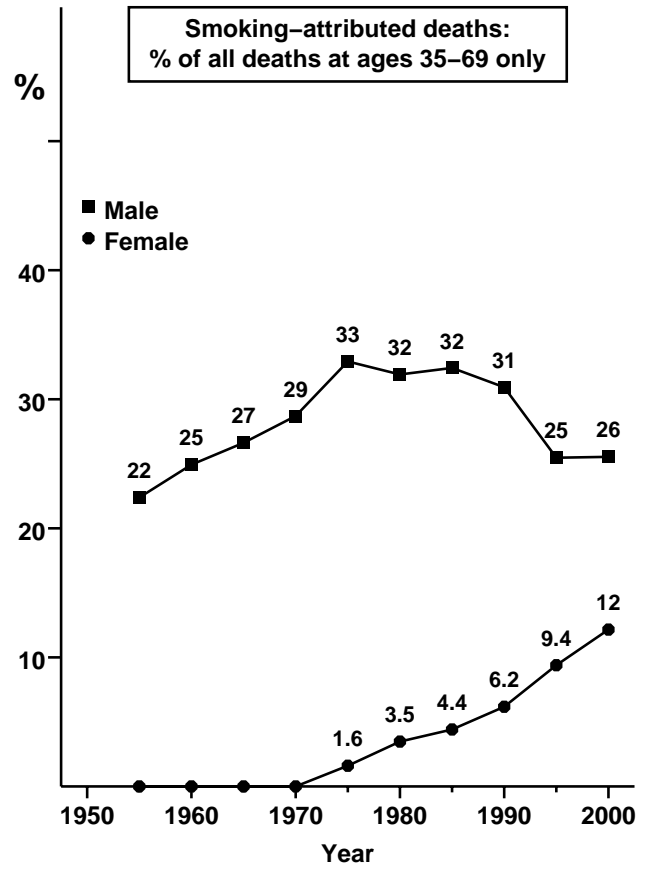
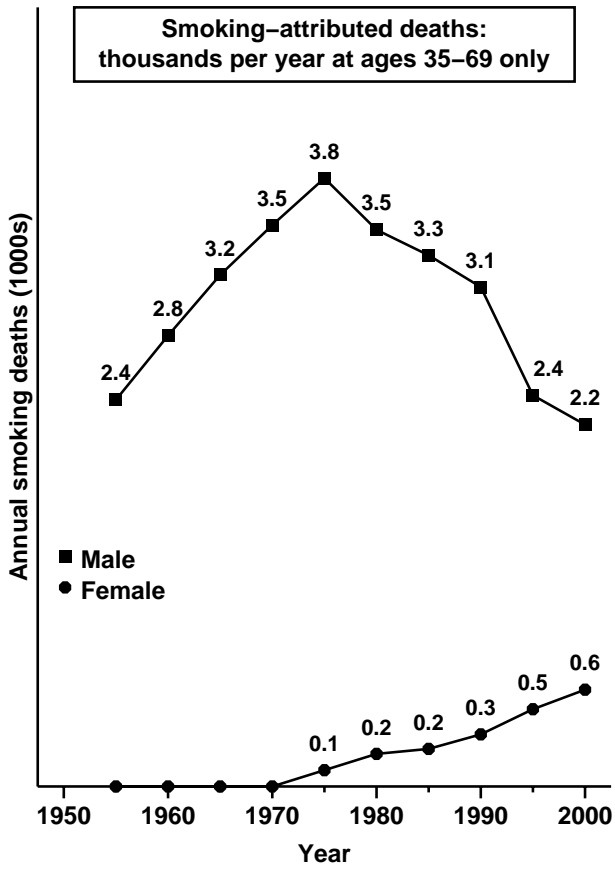
50-year total* (thousands), mid-1950 to mid-2000: 287 / 2848

1950-2000 by age & sex:

-/112	151/537 (28%)	118/821 (14%)	268/1470	-/62	8.1/325 (3%)	11/991 (1%)	19/1378
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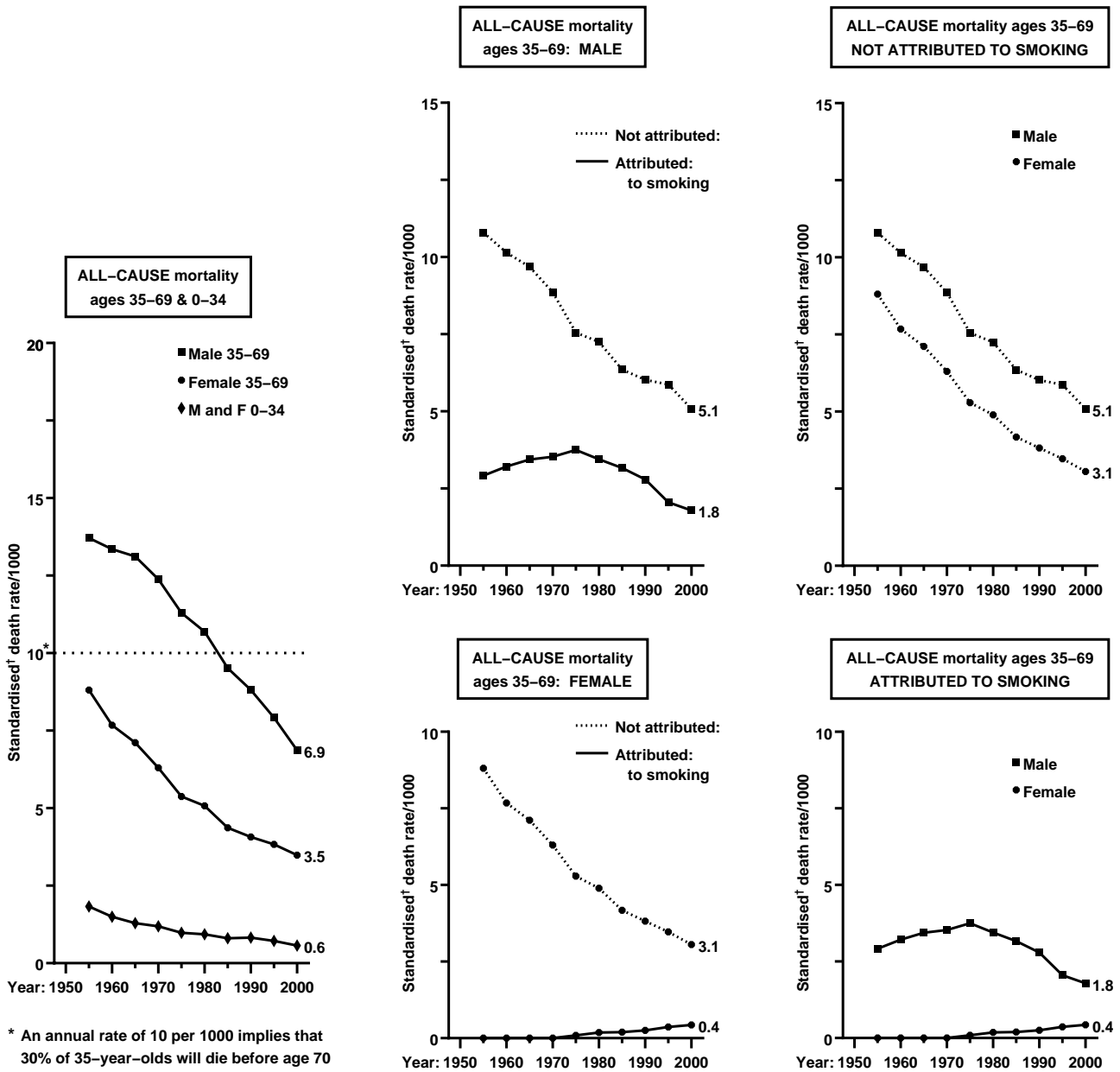
*Estimated as 10 times the sum of the annual numbers for 1955, 1965, 1975, 1985 & 1995

1955-2000: SWITZERLAND



SWITZERLAND: 1955-2000

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

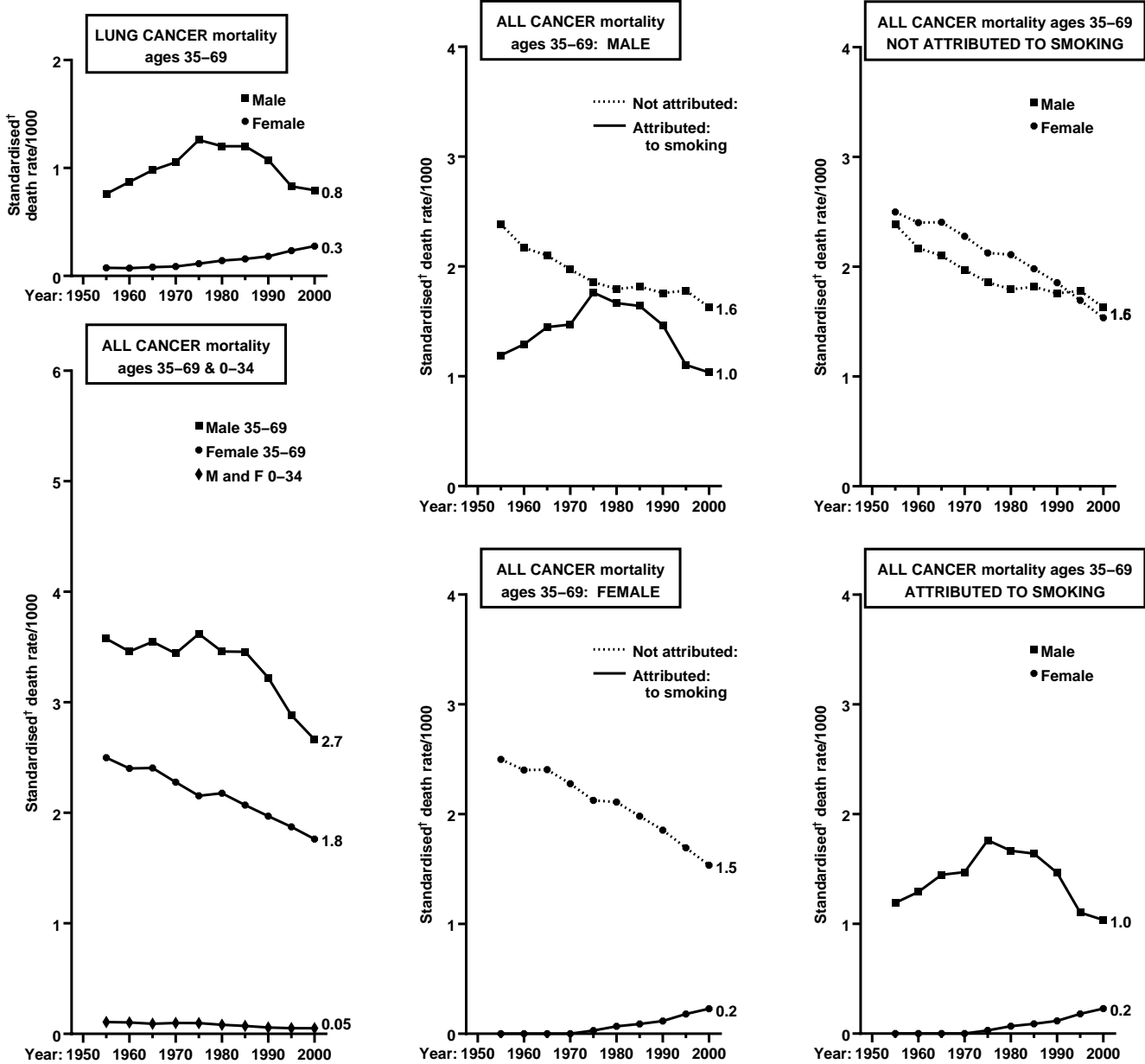
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)									
	0-34		35-69		70-79		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	Yes	No	Yes	No	Yes	No	
1950	
1955	-	2.22	2.91	10.8	5.15	72.4	-	1.43	0.00	8.81	0.00	60.3	-	1.43	0.00	8.81	0.00	
1960	-	1.87	3.21	10.1	6.62	68.5	-	1.11	0.00	7.67	0.00	55.0	-	0.97	0.00	7.11	0.00	
1965	-	1.61	3.44	9.68	8.70	66.1	-	0.82	0.00	6.30	0.00	45.9	-	0.68	0.09	5.28	0.00	
1970	-	1.55	3.53	8.86	10.9	58.6	-	0.64	0.18	4.89	0.35	33.8	-	0.55	0.19	4.17	0.68	
1975	-	1.28	3.75	7.55	12.1	51.7	-	0.54	0.25	3.82	1.25	26.2	-	0.48	0.36	3.47	1.17	
1980	-	1.22	3.44	7.25	12.3	47.2	-	0.43	0.36	3.47	1.17	23.0	-	0.37	0.43	3.05	1.53	
1985	-	1.05	3.16	6.35	12.2	42.6	-	0.37	0.43	3.05	1.53	20.6	-	0.37	0.43	3.05	1.53	
1990	-	1.11	2.79	6.02	11.7	40.9	-	0.37	0.43	3.05	1.53	20.6	-	0.37	0.43	3.05	1.53	
1995	-	0.95	2.05	5.87	9.22	37.9	-	0.37	0.43	3.05	1.53	20.6	-	0.37	0.43	3.05	1.53	
2000	-	0.76	1.78	5.08	8.53	33.4	-	0.37	0.43	3.05	1.53	20.6	-	0.37	0.43	3.05	1.53	

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

1955-2000: SWITZERLAND

ALL CANCER mortality rates attributed and not attributed to smoking



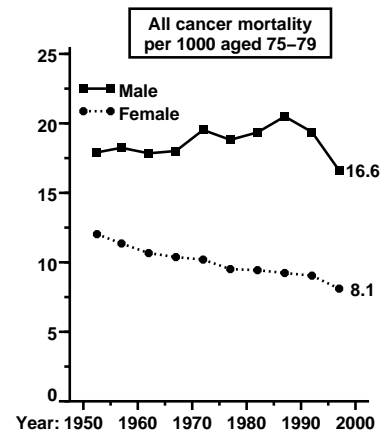
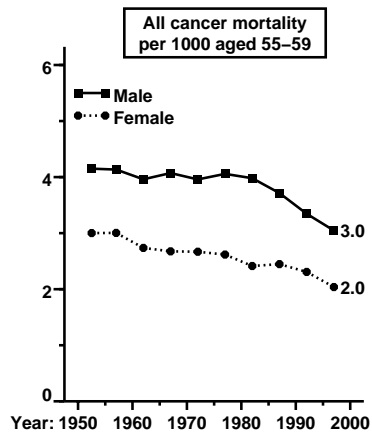
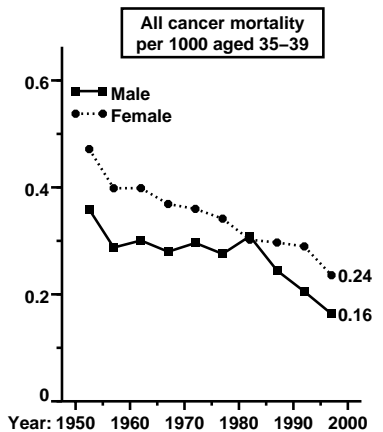
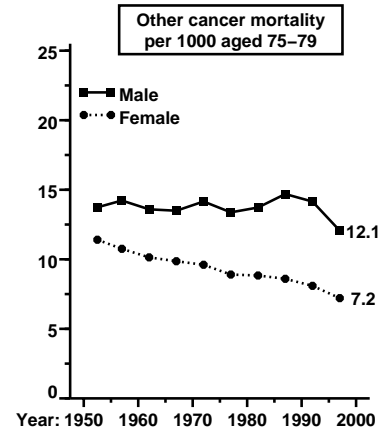
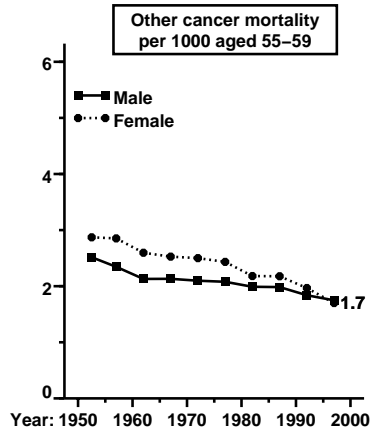
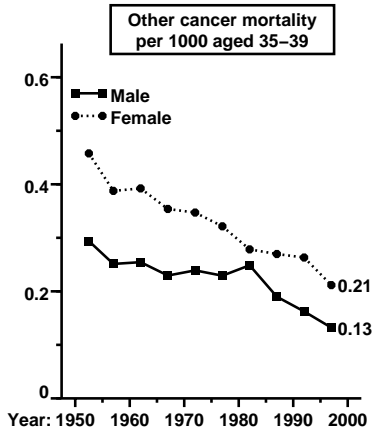
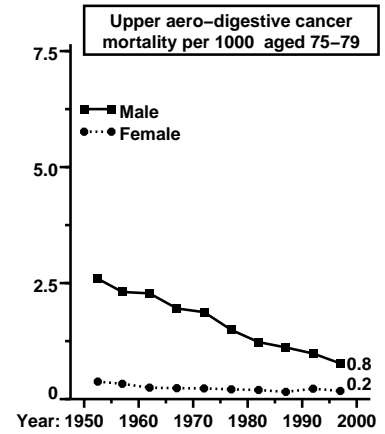
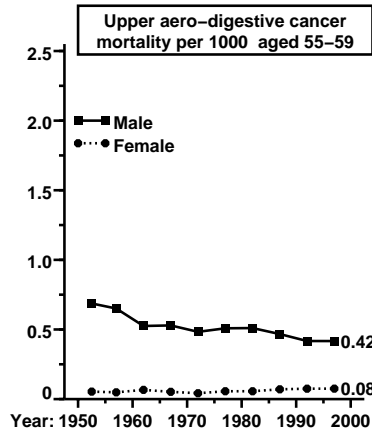
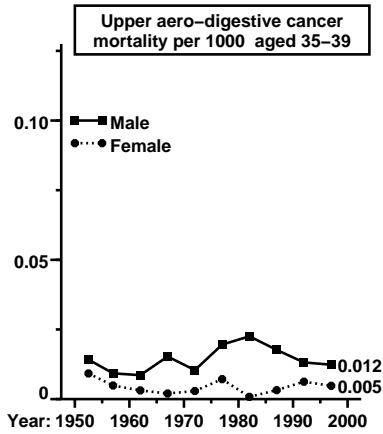
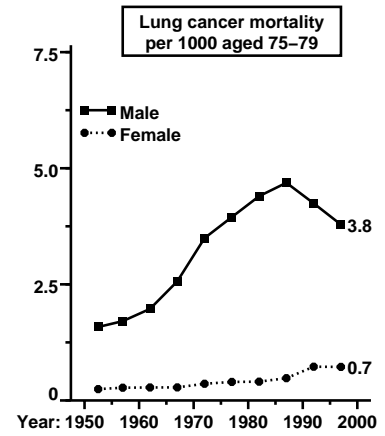
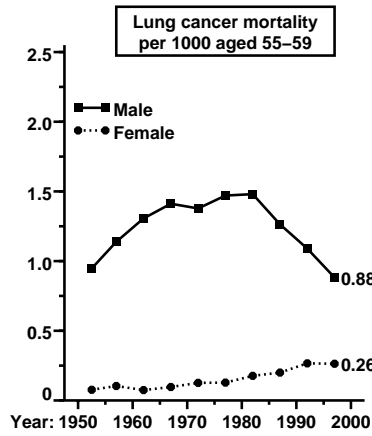
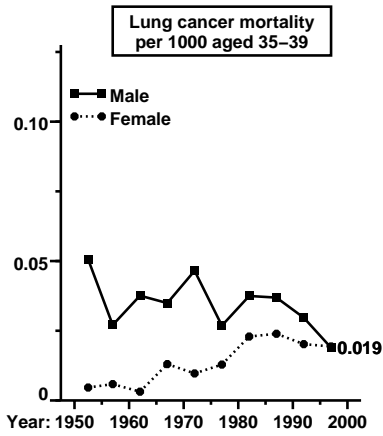
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)								FEMALE cancer mortality (annual rate/1000, by age)					
	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	-	0.11	1.19	2.38	2.21	13.3	-	0.10	0.00	2.50	0.00	9.75		
1960	-	0.11	1.29	2.17	2.87	12.4	-	0.09	0.00	2.40	0.00	9.46		
1965	-	0.11	1.45	2.10	3.74	12.2	-	0.07	0.00	2.40	0.00	9.23		
1970	-	0.11	1.47	1.97	4.60	11.5	-	0.08	0.00	2.28	0.00	8.93		
1975	-	0.12	1.76	1.86	5.54	11.2	-	0.08	0.03	2.12	0.00	8.59		
1980	-	0.09	1.67	1.79	5.65	10.3	-	0.07	0.07	2.11	0.10	7.97		
1985	-	0.08	1.64	1.82	6.16	11.5	-	0.07	0.09	1.98	0.23	7.88		
1990	-	0.06	1.47	1.76	5.71	11.0	-	0.05	0.12	1.85	0.47	7.66		
1995	-	0.06	1.10	1.78	4.61	10.0	-	0.04	0.18	1.69	0.46	6.70		
2000	-	0.05	1.03	1.63	4.66	9.73	-	0.05	0.23	1.53	0.63	6.35		

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

SWITZERLAND: 1951-2000

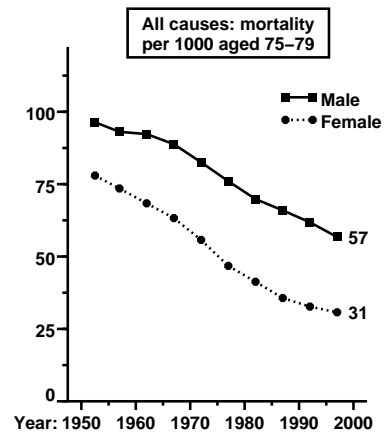
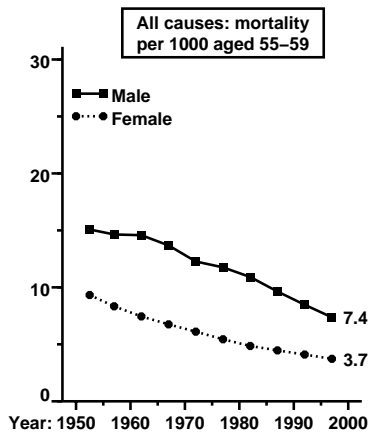
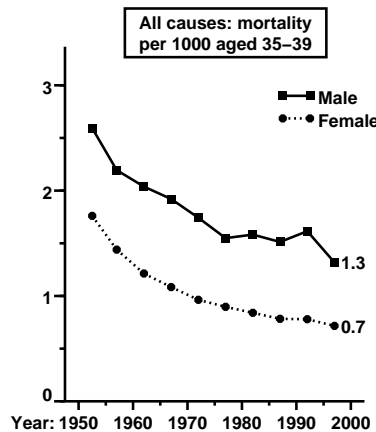
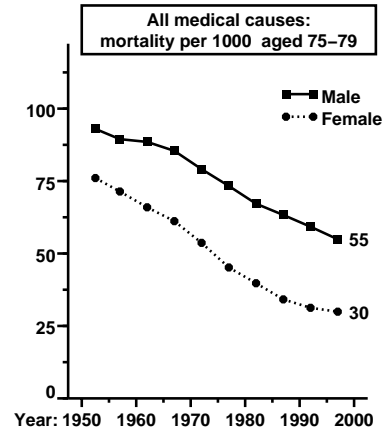
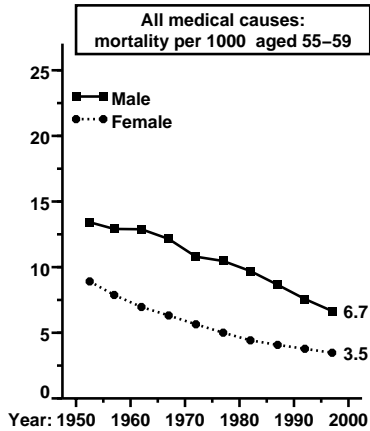
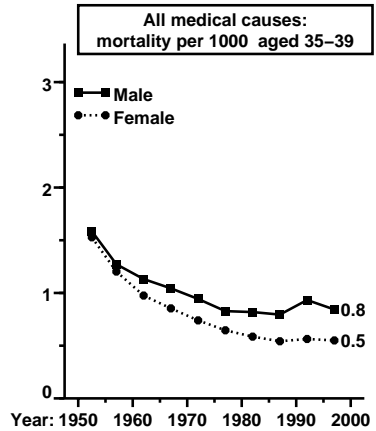
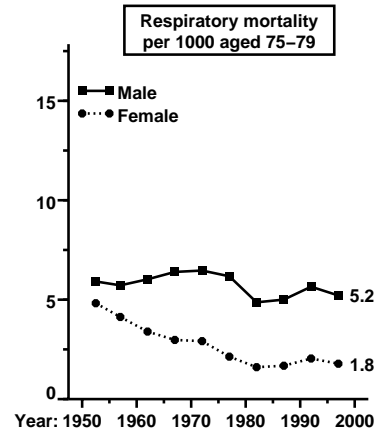
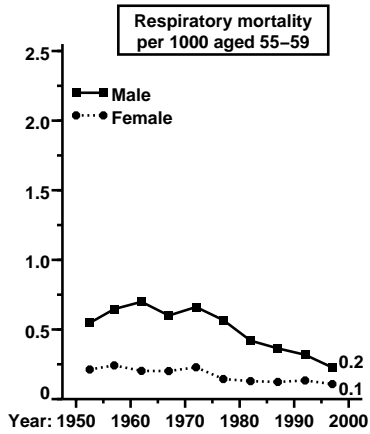
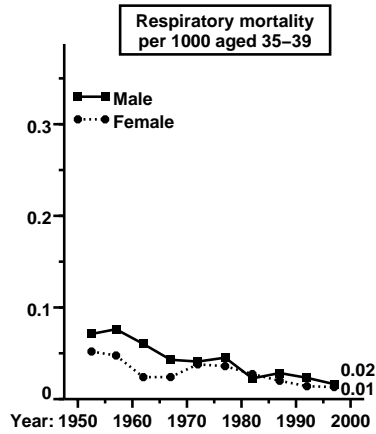
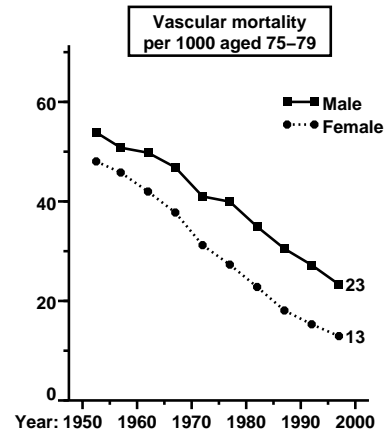
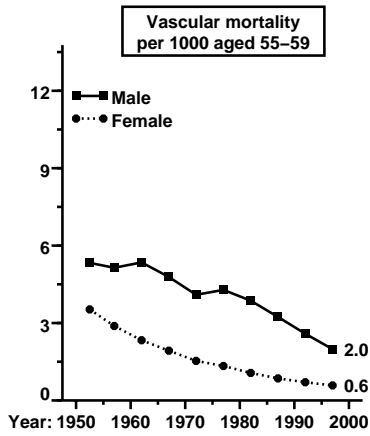
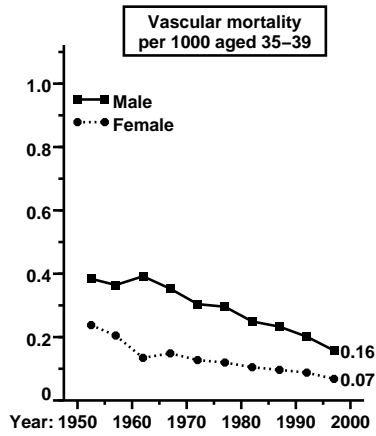
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* Annual mortality per 1000: averages of years available in 1950-54,.....,1995-99; year 2000 on pages 470-471

1951-2000: SWITZERLAND

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



* Annual mortality per 1000: averages of years available in 1950-54,.....,1995-99; year 2000 on pages 470-471