

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

(2nd edition, revised June 2006:
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FRANCE

Raw data (pages 188–89, 190–91)

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FRANCE: 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	272040	11341	91484		806.0	81.4	865.7		127.7	14.5	19.1	67.7	100.6	111.2	129.2
	258810	5259	40871		450.1	39.4	359.3		97.2	11.0	12.9	29.5	33.6	34.6	57.0
Tuberculosis	M	610	5	157	1.7	0.0	1.5		-	-	-	0.1	0.2	-	-
	F	480	2	42	0.8	0.0	0.4		-	-	-	0.1	-	-	0.0
HIV	M	800	133	641	2.7	0.9	4.7		0.1	0.1	-	0.1	0.3	1.1	4.9
	F	212	59	144	0.7	0.4	1.0		0.1	-	-	0.1	0.4	2.2	
Other infective and parasitic	M	4029	160	1186	11.8	1.2	11.3		5.3	0.1	0.4	0.3	0.3	1.1	0.9
	F	4484	109	601	7.7	0.8	5.4		3.2	0.3	0.4	0.4	0.3	0.4	0.8
ALL CANCER	M	86738	803	38447	263.2	5.7	374.5		3.1	3.1	2.1	5.4	5.7	8.3	12.4
	F	56908	665	19617	123.3	4.8	173.4		3.1	2.1	2.1	3.2	3.5	6.5	13.1
Mouth and pharynx cancer	M	3911	13	2734	12.9	0.1	25.0		0.1	-	-	0.1	0.2	0.1	0.2
	F	732	5	374	1.8	0.0	3.1		-	-	-	0.1	-	0.0	0.1
Oesophagus cancer	M	3477	1	2054	11.0	0.0	19.6		-	-	-	-	-	-	0.0
	F	695	2	269	1.6	0.0	2.4		-	-	-	0.1	-	-	0.0
Stomach cancer	M	3157	16	1195	9.3	0.1	11.8		-	-	-	0.1	-	0.1	0.6
	F	2011	15	483	3.8	0.1	4.3		-	-	-	0.1	0.2	0.2	0.5
Colorectal cancer	M	8345	29	2783	24.3	0.2	28.3		0.1	-	-	0.1	0.1	0.2	1.0
	F	7605	21	1825	14.6	0.1	16.7		-	-	-	0.2	0.2	0.2	0.7
Liver cancer	M	4608	12	2071	14.0	0.1	21.3		-	0.1	0.1	0.1	0.1	0.2	0.1
	F	1233	8	312	2.4	0.1	2.9		0.1	-	-	0.2	0.0	0.1	
Pancreas cancer	M	3631	10	1686	11.1	0.1	16.7		-	-	-	0.1	0.2	0.2	0.2
	F	3205	4	885	6.5	0.0	8.2		-	-	-	0.1	0.0	0.0	0.1
Larynx cancer	M	1702	2	1105	5.5	0.0	10.3		-	-	-	-	-	-	0.1
	F	149	-	74	0.4	-	0.6		-	-	-	-	-	-	
Lung cancer	M	20585	33	11476	64.7	0.2	111.2		0.1	-	-	0.1	0.1	0.3	1.1
	F	4246	23	2030	10.4	0.2	17.6		0.1	-	-	0.1	0.1	0.2	0.8
Malignant melanoma	M	706	37	390	2.2	0.3	3.5		-	-	-	0.1	0.2	0.3	1.1
	F	643	26	287	1.6	0.2	2.4		0.1	-	-	0.2	0.2	0.4	
Female breast cancer	M	10950	82	5289	26.8	0.6	45.3		-	-	-	0.1	0.1	0.5	3.3
Cervix cancer	M	689	27	412	1.9	0.2	3.3		-	-	-	0.1	0.3	0.9	
Other uterine cancer	M	2134	8	708	4.6	0.1	6.3		-	-	-	-	-	0.0	0.3
Ovarian cancer	M	3235	19	1376	7.6	0.1	12.4		-	-	-	0.3	0.4	0.3	
Prostate cancer	M	9080	-	1397	24.9	-	15.1		-	-	-	-	-	-	
Bladder cancer	M	3250	3	990	9.4	0.0	10.1		-	-	-	-	-	0.0	0.1
	F	1007	-	155	1.7	-	1.4		-	-	-	-	-	-	
Other and ill-defined cancer sites	M	17791	424	8320	54.6	3.0	79.6		2.1	2.0	1.3	2.9	3.3	4.3	5.3
	F	12411	255	3658	25.8	1.9	32.8		1.8	1.3	1.6	1.8	1.4	2.2	3.1
Hodgkin's disease	M	168	25	82	0.5	0.2	0.7		-	0.1	0.2	0.3	0.2	0.2	0.5
	F	117	23	35	0.3	0.2	0.3		-	0.1	-	0.2	0.2	0.3	0.4
Myeloma and non-Hodgkin lymphomas	M	3633	63	1308	10.7	0.4	13.0		0.1	0.2	0.2	0.3	0.5	1.1	0.9
	F	3494	33	887	7.0	0.2	8.1		0.2	-	0.1	0.2	0.3	0.3	0.6
Leukaemia	M	2694	135	856	7.9	1.0	8.4		0.8	0.9	0.5	1.5	1.0	1.2	0.9
	F	2352	114	558	4.8	0.8	5.0		0.9	0.7	0.5	1.0	0.5	0.9	1.3
Diabetes	M	4951	23	1369	14.2	0.2	13.8		-	-	0.1	0.1	0.2	0.4	0.5
	F	5865	10	754	9.7	0.1	7.1		-	-	0.1	0.2	0.0	0.2	
ALL VASCULAR DISEASE	M	75140	455	17694	212.9	3.2	173.8		3.6	0.5	0.8	2.0	3.4	4.7	7.5
	F	86773	303	6026	129.6	2.2	54.9		3.1	0.3	1.0	1.2	1.6	2.5	5.6
Rheumatic heart disease and fever	M	622	3	183	1.8	0.0	1.8		-	-	-	0.1	-	-	0.0
	F	1164	8	171	2.0	0.1	1.6		0.1	-	0.1	0.1	-	-	0.1
Hypertensive disease	M	2735	3	659	7.8	0.0	6.6		-	-	-	0.1	-	-	0.1
	F	4891	3	302	7.2	0.0	2.8		-	-	0.1	-	-	0.0	0.0
Ischaemic heart disease	M	25339	63	7470	73.0	0.4	72.7		0.3	-	-	0.2	0.3	0.6	1.7
	F	19991	18	1514	30.3	0.1	14.0		-	-	0.1	0.1	-	0.2	0.5
Pulmonary embolism and other venous disease	M	2319	20	584	6.6	0.1	5.7		-	-	-	0.1	0.1	0.2	0.6
	F	4118	33	486	6.7	0.2	4.4		-	0.1	-	0.3	0.6	0.4	0.3
Cerebrovascular disease	M	15940	112	3065	44.5	0.8	30.5		0.9	0.2	0.3	0.4	1.0	1.3	1.5
	F	22464	103	1687	34.1	0.7	15.1		1.0	0.1	0.3	0.2	0.3	0.9	2.4
Other vascular disease	M	28185	254	5733	79.3	1.8	56.5		2.5	0.4	0.5	1.4	1.8	2.6	3.5
	F	34145	138	1866	49.4	1.0	16.9		2.1	0.1	0.5	0.6	1.0	1.0	2.3
Chronic obstructive pulmonary disease	M	5862	44	1247	16.5	0.3	12.8		0.2	0.3	0.3	0.3	0.4	0.5	
	F	3661	27	526	6.2	0.2	4.7		0.1	-	0.2	0.3	0.2	0.2	0.5
Other respiratory disease	M	12451	101	1897	34.5	0.7	19.2		1.6	0.1	0.3	0.6	0.8	0.7	1.2
	F	13692	80	746	19.8	0.6	6.8		1.3	0.1	0.2	0.4	0.7	0.7	0.8
Peptic ulcer	M	503	9	121	1.4	0.1	1.2		-	-	-	0.1	-	0.1	0.2
	F	522	2	48	0.8	0.0	0.4		-	-	0.1	-	-	-	0.0
Liver cirrhosis	M	5975	40	4390	19.8	0.3	40.1		0.1	-	-	-	0.3	1.5	
	F	2544	31	1773	7.4	0.2	15.1		0.1	-	0.1	0.1	0.1	0.1	1.1
Renal disease	M	2663	24	433	7.4	0.2	4.4		0.5	-	0.1	-	0.1	0.3	0.2
	F	2684	12	244	4.2	0.1	2.2		0.1	-	-	0.1	0.1	0.1	0.3
Pregnancy, birth and congenital and perinatal causes	F	50	32	18	0.2	0.2	0.1		-	-	-	0.2	0.5	0.9	
Ill-defined causes	M	1760	1442	206	7.1	11.0	1.7		69.7	1.1	1.3	1.2	1.0	1.3	1.1
	F	1370	1055	171	5.5	8.4	1.4		53.9	1.1	0.9	0.8	0.9	0.5	1.0
Other medical causes	M	14087	1225	4706	42.5	8.8	41.9		19.1	0.9	0.7	4.0	9.2	12.5	15.3
	F	18432	571	1762	29.4	4.3	15.0		13.4	0.7	0.4	1.9	4.3	3.5	5.8
All non-medical causes	M	31718	991	8418	91.6	7.1	78.1		13.0	2.4	3.1	4.8	6.2	7.7	12.7
	F	44450	600	4427	70.4	4.5	39.2		10.6	2.8	2.4	2.8	3.4	3.7	5.9
Road traffic accidents	M	24753	5886	10572	78.8	41.7	86.6		11.3	6.2	10.0	49.0	73.1	72.1	70.2
	F	16683	1701	3972	34.6	12.5	32.0		8.2	3.6	5.1	18.3	18.3	15.3	18.7
Fire	M	5423	2762	2007	18.3	19.7	16.1		3.0	2.9	5.1	30.6	41.9	32.2	22.1
	F	1906	769	707	5.9	5.7	5.6		1.7	1.5	2.6	11.3	10.2	7.1	5.4
Suicide	M	7973	1594	4551	25.9	11.1	36.2		-	0.1	1.7	7.5	16.5	22.5	29.6
	F	2864	435	1716	8.4	3.1	13.4		-	0.4	3.4	3.9	5.3	8.6	
Homicide	M	311	136	152	1.1	1.0	1.1		1.3	0.6	0.4	0.7</			

2000: FRANCE

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
182.4	301.7	470.3	646.9	922.1	1389.8	2146.6	3215.2	5116.4	12166.1	F	Tuberculosis	010-018, 137/ A15-A19, B90
87.8	135.8	210.5	271.3	381.8	559.5	868.2	1432.2	2617.0	9976.1	F	HIV	279.5, 279.6/B20-B24
0.3	0.5	0.7	0.7	2.1	2.2	4.2	6.1	16.0	32.9	M	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
0.0	0.2	0.2	0.1	0.4	0.6	1.2	4.6	7.9	16.9	F		
9.0	8.6	4.8	2.9	3.2	2.9	1.9	1.5	0.6	0.7	M		
2.7	1.1	1.2	0.5	0.6	0.9	0.3	0.2	0.2	0.3	F		
3.0	3.8	5.2	8.2	10.5	18.4	30.1	48.5	76.9	201.3	M		
1.1	1.5	2.7	3.1	5.5	9.2	14.8	26.7	48.2	174.5	F		
26.4	75.7	169.9	281.7	433.4	663.1	971.3	1290.7	1711.3	2530.7	M	ALL CANCER	140-208/C00-C97
31.3	58.8	99.2	139.0	208.7	282.5	394.3	537.3	726.5	1241.9	F	Mouth and pharynx cancer	140-149/C00-C14
1.4	7.3	18.2	29.4	34.7	42.5	41.2	44.8	42.8	41.8	M	Oesophagus cancer	150/C15
0.4	1.5	3.5	3.2	4.3	4.8	4.4	5.4	6.0	12.6	F		
1.1	4.1	11.0	17.5	25.1	34.4	43.8	50.5	56.5	52.4	M		
0.1	0.6	1.3	1.8	3.2	4.3	5.7	6.6	7.7	14.6	F		
1.1	2.5	4.5	8.0	11.7	21.7	32.9	46.5	68.6	114.8	M	Stomach cancer	151/C16
1.2	1.6	1.9	2.8	3.6	6.0	13.0	15.7	25.2	60.9	F		
1.6	3.8	8.1	14.9	30.1	49.8	89.7	134.2	202.0	315.6	M	Colorectal cancer	153, 154/C18-C21
1.1	2.9	7.4	10.6	17.3	30.6	47.3	71.0	103.7	215.6	F		
0.8	2.2	5.0	10.3	21.3	40.4	69.1	90.2	97.1	96.0	M	Liver cancer	155.0/C22 excl C221
0.4	0.5	0.9	1.0	3.6	4.5	9.6	14.5	19.0	29.3	F		
0.9	3.0	5.7	11.1	21.7	32.9	41.6	57.7	71.5	93.6	M	Pancreas cancer	157/C25
0.5	1.1	2.6	5.1	10.0	15.5	22.7	34.0	50.1	75.2	F		
0.3	2.7	6.3	11.1	14.6	16.0	20.9	22.5	21.6	22.3	M	Larynx cancer	161/C32
-	0.1	0.8	0.5	0.8	0.8	1.4	1.5	1.2	2.4	F		
5.2	22.5	52.4	90.1	136.7	201.8	269.6	322.6	355.6	339.9	M	Lung cancer	162/C33, C34
2.2	8.7	12.0	15.9	22.9	26.0	35.6	43.3	52.6	57.3	F		
1.2	1.7	2.5	3.3	3.7	4.6	7.7	8.5	10.3	13.2	M	Malignant melanoma	172/C43
1.3	1.5	1.9	2.5	2.8	3.2	3.4	5.4	6.1	11.1	F		
11.5	19.9	31.8	45.6	60.9	67.1	80.6	95.7	113.3	174.8	F	Female breast cancer	174/C50
2.7	3.1	2.7	3.7	3.5	3.3	3.8	4.8	5.7	6.9	F	Cervix cancer	180/C53
1.5	1.8	3.0	4.8	6.6	11.2	15.3	23.2	29.3	45.0	F	Other uterine cancer	179, 182/C54, C55
1.2	3.2	6.0	9.3	15.9	22.8	28.4	34.8	42.2	50.9	F	Ovarian cancer	183/C56, C570-C574
0.0	0.2	1.3	3.7	9.0	28.8	62.9	115.2	231.4	598.5	M	Prostate cancer	185/C61
0.3	0.9	2.5	5.8	8.8	18.8	34.1	49.9	75.3	144.0	M	Bladder cancer	188/C67
-	0.0	0.9	0.8	1.5	3.1	3.7	8.6	13.5	35.1	F		
8.7	19.3	43.2	64.4	92.7	133.8	194.9	250.7	325.6	475.5	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
5.2	9.1	17.2	23.1	37.3	54.8	82.8	112.8	161.7	304.0	F	Hodgkin's disease	201/C81
0.4	0.5	0.6	0.5	0.7	1.1	1.2	1.3	2.1	3.9	M		
0.2	0.2	0.1	0.1	0.5	0.4	0.6	0.8	1.7	1.7	F		
1.8	2.6	4.8	7.0	14.3	22.4	38.0	55.9	86.3	123.1	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
1.0	1.7	2.8	5.0	8.9	14.5	23.1	38.1	56.0	83.1	F		
1.7	2.3	3.8	4.7	8.5	14.1	23.6	40.2	64.4	96.3	M	Leukaemia	204-208/C91-C95
1.1	1.2	2.2	3.3	5.1	9.5	13.0	21.0	31.9	61.3	F		
1.2	2.0	4.3	7.8	13.3	21.0	47.2	72.5	117.1	237.9	M	Diabetes	250/E10-E14
0.6	0.5	1.6	3.0	5.3	12.3	26.7	46.8	81.5	213.3	F		
18.5	42.7	73.1	110.8	171.0	290.9	509.7	905.4	1652.6	4438.0	M	ALL VASCULAR DISEASE	390-459/I00-I99
7.5	13.2	22.9	31.0	47.3	86.0	176.8	382.4	858.8	4018.3	F		
-	0.4	0.8	0.9	1.9	3.3	5.6	8.1	15.0	29.5	M	Rheumatic heart disease and fever	390-398/I00-I09
0.1	0.2	0.2	0.5	1.6	3.4	5.4	10.1	18.5	38.0	F		
0.3	1.4	2.2	3.8	6.6	11.5	20.5	28.9	56.1	171.9	M	Hypertensive disease	401-405/I10-I15
0.1	0.4	0.5	1.6	2.9	4.8	9.6	22.0	47.9	229.8	F		
7.4	18.2	32.6	51.9	73.9	123.0	202.1	341.0	568.0	1242.5	M	Ischaemic heart disease	410-414/I20-I25
1.1	2.5	5.2	7.0	11.7	20.0	50.5	105.7	231.5	878.7	F		
0.7	1.8	2.7	3.2	5.7	8.7	17.2	29.1	49.9	130.7	M	Pulmonary embolism	415.1, 451-453/ I26, I80-I82
0.6	1.3	2.1	2.7	3.8	7.3	12.9	21.7	44.2	171.1	F		
3.5	6.8	12.5	16.4	27.9	50.3	95.8	187.7	376.8	1008.2	M	Cerebrovascular disease	430-438/I60-I69
3.2	4.6	7.7	8.6	13.7	22.3	46.0	106.5	245.7	1005.5	F		
6.5	14.2	22.4	34.6	54.9	94.1	168.5	310.6	586.7	1855.2	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
2.3	4.3	7.2	10.5	13.7	28.2	52.4	116.3	271.1	1695.1	F		
0.8	1.4	3.3	6.7	10.0	21.3	45.8	79.8	129.6	348.9	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.8	1.1	2.2	3.1	4.1	7.4	14.4	25.1	41.0	139.9	F		
1.3	3.4	5.9	9.9	18.0	31.0	64.9	128.8	244.2	935.9	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.3	2.1	2.6	3.7	4.6	11.5	21.5	44.0	107.9	681.3	F		
0.1	0.3	0.6	0.8	1.3	2.1	3.1	5.3	11.4	29.3	M	Peptic ulcer	531-533/K25-K27
-	0.1	0.3	0.3	0.4	0.7	1.2	3.2	6.1	21.9	F		
6.6	16.2	28.8	39.4	48.9	64.5	76.4	67.4	56.1	44.6	M	Liver cirrhosis	571/K70, K74
2.9	7.5	11.9	16.3	19.2	24.3	23.4	20.9	19.6	12.3	F		
0.3	0.5	1.4	2.1	4.3	7.7	14.6	27.6	51.8	196.6	M	Renal disease	580-590/N00-N19
0.2	0.8	0.8	0.9	2.1	3.3	7.6	13.8	28.6	117.1	F		
0.5	0.3	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099
1.1	1.4	1.6	1.7	2.2	2.1	2.1	3.2	3.2	6.7	M		
0.8	1.0	0.9	1.8	1.9	2.0	1.4	2.4	2.1	5.2	F	III-defined causes	740-779/A33, P00-P96, Q00-Q99
18.3	24.4	31.1	36.2	46.9	56.7	79.5	110.8	188.3	717.7	M		
6.7	7.7	11.5	11.2	14.5	21.3	32.0	55.8	119.4	864.2	F		
19.8	34.5	51.9	59.3	78.3	117.5	185.0	321.7	615.4	1821.1	M	Other medical causes	Rest of 001-799/ rest of A00-R99
9.1	15.1	21.0	27.3	35.5	60.4	105.6	198.1	444.8	1940.7	F		
75.7	86.2	87.5	78.8	88.5	110.8	145.9	241.9	623.7	528.3	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
22.2	25.0	31.4	29.8	31.5	37.2	47.1	70.9	124.2	30.6	F	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
17.3	17.5	17.7	13.3	15.5	14.7	16.6	17.5	27.6	9.3	M		
5.3	4.6	5.8	5.0	5.4	6.4	6.7	9.2	12.0	4.6	F		
1.2	1.3	1.7	0.9	1.2	1.5	1.4	1.0	2.3	4.6	M	Fire	E890-E899/X00-X09
0.3	0.4	0.8	0.5	0.6	0.3	0.5	0.7	1.4	2.5	F		
37.4	42.7	39.7	33.2	29.2	32.9	38.5	46.0	65.9	102.7	M	Suicide	E950-E959/X60-X84
10.6	12.9	15.3	13.7	13.6	13.7	14.4	15.8	16.9	17.2	F		
1.9	1.3	1.6	1.1	0.9	0.8	0.5	0.6	0.8	1.2	M	Homicide	E960-E969/ X85-X99, Y00-Y09
0.8	0.8	0.8	0.8	0.5	1.0	0.3	0.6	0.8	0.6	F		
2162	2113	2079	2105	1404	1293	1251	1090	851	745	M	POPULATION	
2188	2156	2121	2114	1424	1384	1456	1409	1271	1596	F	(1000s; UN, 2004 revision)	

FRANCE: 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	14880	886	49	25	812	80	156	527	92	5758	7381
35-69 Sm.	33492	19567	11054	4905	3608	1643	597	6112	—	5573	—
Total	99543	41365	11897	7366	22102	2117	2051	20734	4808	16961	11507
(34%)	(47%)	(93%)	(67%)	(16%)	(78%)	(29%)	(29%)	(29%)		(33%)	
70+ Sm.	25386	12141	7359	1674	3108	4686	780	5017	—	2762	—
Total	160683	44176	8379	3228	32569	7141	9447	57700	1496	32474	8249
(16%)	(27%)	(88%)	(52%)	(10%)	(66%)	(8%)	(9%)			(9%)	
Any age Sm.	58878	31708	18413	6579	6716	6329	1377	11129	—	8335	—
Total	275106	86427	20325	10619	55483	9338	11654	78961	6396	55193	27137
(21%)	(37%)	(91%)	(62%)	(12%)	(68%)	(12%)	(14%)			(15%)	
2000											
0-34 Sm.	—	—	—	—	—	—	—	—	—	—	—
Total	11341	803	33	16	754	44	101	455	40	4012	5886
35-69 Sm.	29567	17680	10607	3840	3233	949	517	5074	—	5347	—
Total	91484	38447	11476	5893	21078	1247	1897	17694	4390	17237	10572
(32%)	(46%)	(92%)	(65%)	(15%)	(76%)	(27%)	(29%)			(31%)	
70+ Sm.	24680	12821	7938	1620	3263	2974	842	4749	—	3294	—
Total	169215	47488	9076	3181	35231	4571	10453	56991	1545	39872	8295
(15%)	(27%)	(87%)	(51%)	(9%)	(65%)	(8%)	(8%)			(8%)	
Any age Sm.	54247	30501	18545	5460	6496	3923	1359	9823	—	8641	—
Total	272040	86738	20585	9090	57063	5862	12451	75140	5975	61121	24753
(20%)	(35%)	(90%)	(60%)	(11%)	(67%)	(11%)	(13%)			(14%)	

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	28300	14057	11852	2132	2112	2159	1457	1370	1370	1252	1057	550	784	
2000	28847	13754	12406	2162	2113	2079	2105	1404	1293	1251	1090	851	745	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	275106	14880	99543	5280	7366	10533	10101	14298	22051	29914	36213	28554	95916	
2000	272040	11341	91484	3942	6374	9777	13618	12946	17971	26856	35058	43556	90601	
Lung cancer														
1995	20325	49	11897	189	532	1133	1361	1967	2964	3751	3520	2001	2858	
2000	20585	33	11476	112	475	1090	1897	1919	2610	3373	3518	3027	2531	
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	866.7*	104.0*	974.2*	247.7	348.8	488.0	693.3	1043.4	1610.0	2388.5	3424.7	5189.7	12235.7	
2000	806.0*	81.4*	865.7*	182.4	301.7	470.3	646.9	922.1	1389.8	2146.6	3215.2	5116.4	12166.1	
All cancer														
1995	282.6*	6.1*	417.5*	34.6	88.4	178.2	303.6	484.6	762.6	1070.3	1360.9	1744.8	2575.1	
2000	263.2*	5.7*	374.5*	26.4	75.7	169.9	281.7	433.4	663.1	971.3	1290.7	1711.3	2530.7	
Lung cancer														
1995	68.7*	0.3*	119.9*	8.9	25.2	52.5	93.4	143.5	216.4	299.5	332.9	363.7	364.6	
2000	64.7*	0.2*	111.2*	5.2	22.5	52.4	90.1	136.7	201.8	269.6	322.6	355.6	339.9	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	37.2*	0.2*	72.4*	4.8	19.9	43.5	68.4	96.0	131.2	143.2	135.1	135.2	134.6	
2000	29.4*	0.1*	54.8*	2.8	14.2	35.5	58.0	74.4	92.9	106.0	117.8	120.9	116.4	
Other cancer														
1995	176.7*	5.6*	225.1*	20.9	43.3	82.2	141.8	245.1	414.9	627.6	892.9	1245.9	2075.9	
2000	169.1*	5.4*	208.5*	18.4	39.1	82.0	133.6	222.4	368.4	595.7	850.2	1234.8	2074.4	
Chronic obstructive pulmonary disease (COPD)														
1995	27.8*	0.6*	22.2*	1.6	2.3	5.7	9.7	17.8	40.1	77.9	124.5	225.2	585.0	
2000	16.5*	0.3*	12.8*	0.8	1.4	3.3	6.7	10.0	21.3	45.8	79.8	129.6	348.9	
Other respiratory disease														
1995	33.8*	1.1*	20.8*	2.8	5.6	8.1	10.3	17.4	35.7	65.6	120.3	234.3	878.4	
2000	34.5*	0.7*	19.2*	1.3	3.4	5.9	9.9	18.0	31.0	64.9	128.8	244.2	935.9	
Vascular disease														
1995	237.6*	3.6*	210.6*	25.6	49.8	77.7	122.4	206.2	360.5	631.8	1050.7	1759.0	4708.8	
2000	212.9*	3.2*	173.8*	18.5	42.7	73.1	110.8	171.0	290.9	509.7	905.4	1652.6	4438.0	
Liver cirrhosis														
1995	22.6*	0.6*	46.1*	10.3	18.3	29.5	39.9	61.9	82.4	80.3	71.2	66.2	48.3	
2000	19.8*	0.3*	40.1*	6.6	16.2	28.8	39.4	48.9	64.5	76.4	67.4	56.1	44.6	
Other medical causes														
1995	172.5*	41.1*	157.8*	88.8	88.7	99.1	120.0	154.5	219.8	333.8	517.0	914.4	2803.4	
2000	180.4*	29.4*	158.6*	53.0	76.0	101.6	119.6	162.1	230.5	367.7	597.2	1080.7	3244.3	
All non-medical causes														
1995	89.8*	50.9*	99.3*	83.9	95.7	89.6	87.4	101.1	108.9	128.8	180.2	245.9	636.7	
2000	78.8*	41.7*	86.6*	75.7	86.2	87.5	78.8	78.8	88.5	110.8	145.9	241.9	623.7	

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

1995, 2000: FRANCE

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	—	—	—	—	—	—	—	—	—	—	—
0-34 Sm. Total	6763	748	19	11	718	54	95	316	41	3239	2270
35-69 Sm. Total	2005	983	747	121	115	235	36	359	—	392	—
35-69 Sm. Total	43289	20110	1740	732	17638	797	709	7446	2089	7631	4507
(5%)	(5%)	(43%)	(17%)	(1%)	(29%)	(5%)	(5%)	(5%)		(5%)	
70+ Sm. Total	2545	611	460	60	91	903	74	571	—	386	—
70+ Sm. Total	206460	35350	1845	780	32725	5939	11544	84929	854	56920	10924
(1%)	(2%)	(25%)	(8%)	(0%)	(15%)	(1%)	(1%)	(1%)		(1%)	
Any age Sm. Total	4550	1594	1207	181	206	1138	110	930	—	778	—
Any age Sm. Total	256512	56208	3604	1523	51081	6790	12348	92691	2984	67790	17701
(2%)	(3%)	(33%)	(12%)	(0%)	(17%)	(1%)	(1%)	(1%)		(1%)	
2000											
0-34 Sm. Total	—	—	—	—	—	—	—	—	—	—	—
0-34 Sm. Total	5259	665	23	7	635	27	80	303	31	2452	1701
35-69 Sm. Total	2500	1336	1028	157	151	181	46	377	—	560	—
35-69 Sm. Total	40871	19617	2030	717	16870	526	746	6026	1773	8211	3972
(6%)	(7%)	(51%)	(22%)	(1%)	(34%)	(6%)	(6%)	(6%)		(7%)	
70+ Sm. Total	3360	991	746	99	146	692	131	835	—	711	—
70+ Sm. Total	212680	36626	2193	852	33581	3108	12866	80444	740	67886	11010
(2%)	(3%)	(34%)	(12%)	(0%)	(22%)	(1%)	(1%)	(1%)		(1%)	
Any age Sm. Total	5860	2327	1774	256	297	873	177	1212	—	1271	—
Any age Sm. Total	258810	56908	4246	1576	51086	3661	13692	86773	2544	78549	16683
(2%)	(4%)	(42%)	(16%)	(1%)	(24%)	(1%)	(1%)	(1%)		(2%)	

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	29903	13697	12274	2160	2131	2133	1442	1413	1505	1490	1406	816	1710	
2000	30431	13312	12843	2188	2156	2121	2114	1424	1384	1456	1409	1271	1596	
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	256512	6763	43289	2163	3179	4392	4127	5810	9315	14303	21666	22217	162577	
2000	258810	5259	40871	1922	2928	4466	5735	5436	7745	12639	20180	33252	159248	
Lung cancer														
1995	3604	19	1740	67	143	186	191	229	382	542	542	377	926	
2000	4246	23	2030	48	188	254	336	326	360	518	610	668	915	
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	462.0*	49.3*	390.2*	100.2	149.2	205.9	286.1	411.3	619.1	959.9	1540.6	2723.3	9505.8	
2000	450.1*	39.4*	359.3*	87.8	135.8	210.5	271.3	381.8	559.5	868.2	1432.2	2617.0	9976.1	
All cancer														
1995	127.8*	5.2*	182.7*	32.2	61.7	98.3	146.6	214.7	305.0	420.5	550.4	744.1	1259.4	
2000	123.3*	4.8*	173.4*	31.3	58.8	99.2	139.0	208.7	282.5	394.3	537.3	726.5	1241.9	
Lung cancer														
1995	9.1*	0.1*	15.7*	3.1	6.7	8.7	13.2	16.2	25.4	36.4	38.5	46.2	54.1	
2000	10.4*	0.2*	17.6*	2.2	8.7	12.0	15.9	22.9	26.0	35.6	43.3	52.6	57.3	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
1995	3.8*	0.1*	6.6*	0.9	2.6	4.1	6.3	7.7	11.3	13.4	11.7	16.1	28.3	
2000	3.7*	0.0*	6.2*	0.5	2.2	5.7	5.5	8.3	9.8	11.5	13.5	14.9	29.6	
Other cancer														
1995	114.9*	5.0*	160.4*	28.2	52.4	85.5	127.0	190.8	268.4	370.7	500.1	681.8	1177.0	
2000	109.1*	4.6*	149.6*	28.6	47.9	81.6	117.6	177.5	246.6	347.3	480.5	659.1	1155.0	
Chronic obstructive pulmonary disease (COPD)														
1995	11.1*	0.4*	7.4*	0.6	2.0	2.9	4.0	7.4	11.2	23.4	41.2	78.1	276.2	
2000	6.2*	0.2*	4.7*	0.8	1.1	2.2	3.1	4.1	7.4	14.4	25.1	41.0	139.9	
Other respiratory disease														
1995	17.8*	0.7*	6.5*	1.2	1.8	2.8	2.9	5.4	11.4	19.8	41.7	99.8	593.1	
2000	19.8*	0.6*	6.8*	1.3	2.1	2.6	3.7	4.6	11.5	21.5	44.0	107.9	681.3	
Vascular disease														
1995	141.4*	2.2*	69.0*	9.2	14.5	21.1	34.8	57.6	112.0	233.9	469.8	1011.9	4096.8	
2000	129.6*	2.2*	54.9*	7.5	13.2	22.9	31.0	47.3	86.0	176.8	382.4	858.8	4018.3	
Liver cirrhosis														
1995	9.1*	0.3*	18.4*	4.6	9.7	15.3	19.3	23.8	27.4	28.8	26.1	24.9	16.6	
2000	7.4*	0.2*	15.1*	2.9	7.5	11.9	16.3	19.2	24.3	23.4	20.9	19.6	12.3	
Other medical causes														
1995	115.9*	24.4*	68.1*	26.3	30.6	33.0	43.1	63.6	104.7	175.2	329.9	630.7	2755.9	
2000	129.3*	18.9*	72.3*	21.8	28.2	40.3	48.2	66.2	110.6	190.7	351.6	739.0	3354.1	
All non-medical causes														
1995	38.9*	16.1*	38.1*	26.0	28.9	32.5	35.4	38.8	47.2	58.3	81.6	134.0	507.7	
2000	34.6*	12.5*	32.0*	22.2	25.0	31.4	29.8	31.5	37.2	47.1	70.9	124.2	528.3	

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

FRANCE: 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	– / 11	– / 5.3	–
35–69	30 / 91	2.5 / 41	24 years
70+	25 / 169	3.4 / 213	8 years
All ages	54 / 272	5.9 / 259	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	11/11	7.9/9.1	19/21	–/0.0	1.0/2.0	0.7/2.2	1.8/4.2
All Cancer	–/0.8	18/38 (46%)	13/47 (27%)	31/87	–/0.7	1.3/20 (7%)	1.0/37 (3%)	2.3/57
Vascular	–/0.5	5.1/18	4.7/57	9.8/75	–/0.3	0.4/6.0	0.8/80	1.2/87
Respiratory	–/0.1	1.5/3.1	3.8/15	5.3/18	–/0.1	0.2/1.3	0.8/16	1.0/17
All Other	–/9.9	5.3/32	3.3/50	8.6/92	–/4.2	0.6/14	0.7/80	1.3/98
All Causes	–/11	30/91 (32%)	25/169 (15%)	54/272	–/5.3	2.5/41 (6%)	3.4/213 (2%)	5.9/259

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

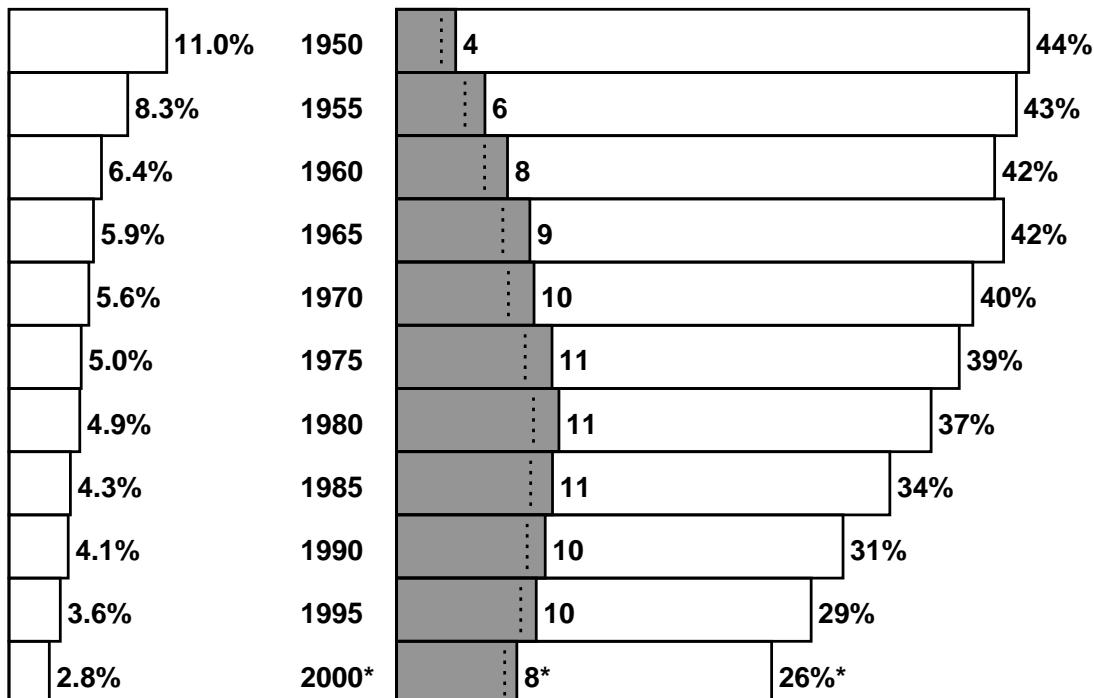
Cause	Male	Female	Male + Female
All Cancer	31 / 87 (35%)	2.3 / 57 (4%)	33 / 144 (23%)
All Causes	54 / 272 (20%)	5.9 / 259 (2%)	60 / 531 (11%)

1950-2000: FRANCE

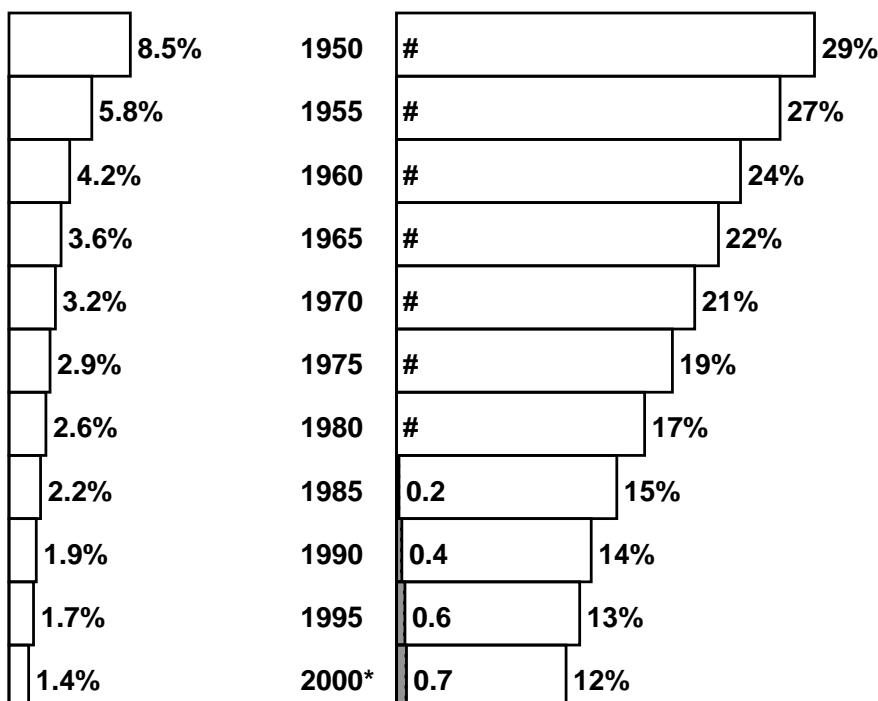
**Population
risk of
dying at
ages 0-34**

**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, 26 would
die before age 70 (with 8 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

FRANCE: 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	-/41	11/111 (10%)	1.0/117 (0.9%)	12/270	-/30	0.0/84	0.0/146	0.0/261
1955	-/31	17/112 (15%)	3.8/123 (3%)	21/267	-/21	0.0/77	0.0/158	0.0/256
1960	-/24	22/114 (20%)	6.1/125 (5%)	29/264	-/16	0.0/70	0.0/168	0.0/254
1965	-/23	28/127 (22%)	9.7/128 (8%)	38/279	-/14	0.0/68	0.0/179	0.0/262
1970	-/23	29/122 (24%)	14/133 (10%)	43/278	-/13	0.0/63	0.0/186	0.0/262
1975	-/21	33/119 (28%)	21/151 (14%)	53/291	-/11	0.0/58	0.0/200	0.0/269
1980	-/21	33/106 (31%)	23/158 (14%)	55/285	-/10	0.0/48	0.0/203	0.0/262
1985	-/18	33/102 (32%)	26/167 (16%)	59/287	-/8.9	0.5/44 (1%)	0.9/213 (0.4%)	1.4/266
1990	-/18	34/103 (33%)	24/152 (16%)	58/273	-/7.7	1.2/44 (3%)	1.3/201 (0.6%)	2.5/254
1995	-/15	33/100 (34%)	25/161 (16%)	59/275	-/6.8	2.0/43 (5%)	2.5/206 (1%)	4.6/257
2000	-/11	30/91 (32%)	25/169 (15%)	54/272	-/5.3	2.5/41 (6%)	3.4/213 (2%)	5.9/259

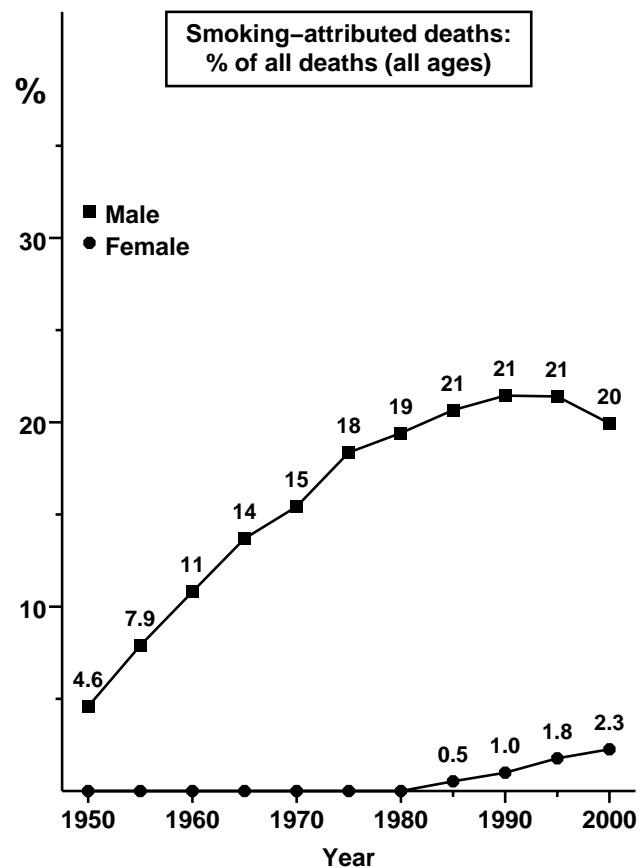
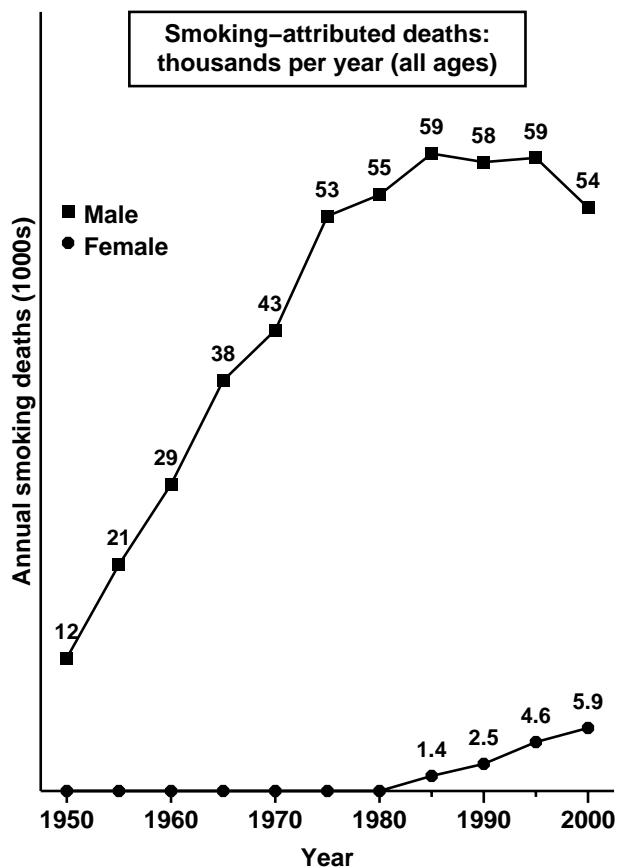
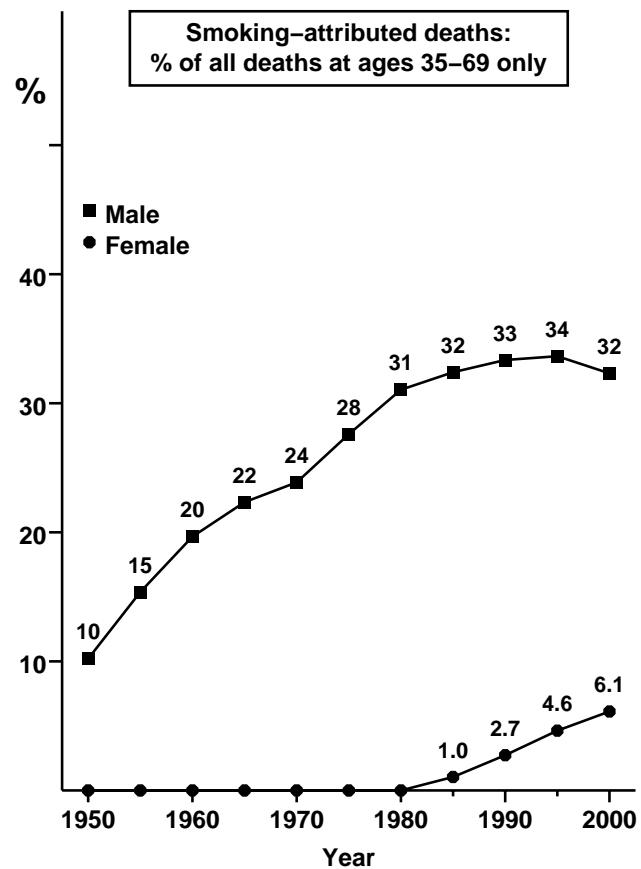
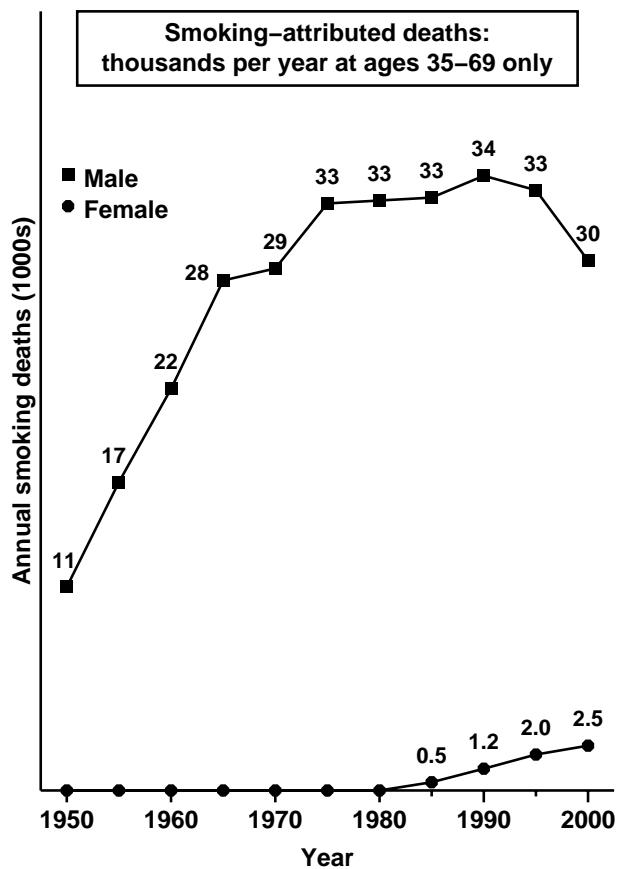
50-year total* (M=millions), mid-1950 to mid-2000: 2.4/ 27M

1950-2000 by age & sex:

-/1.1M (26%)	1.4/5.6M (12%)	0.9/7.3M (12%)	2.3/14M	-/0.6M	0.02/2.9M (0.8%)	0.03/9.6M (0.4%)	0.06/13M
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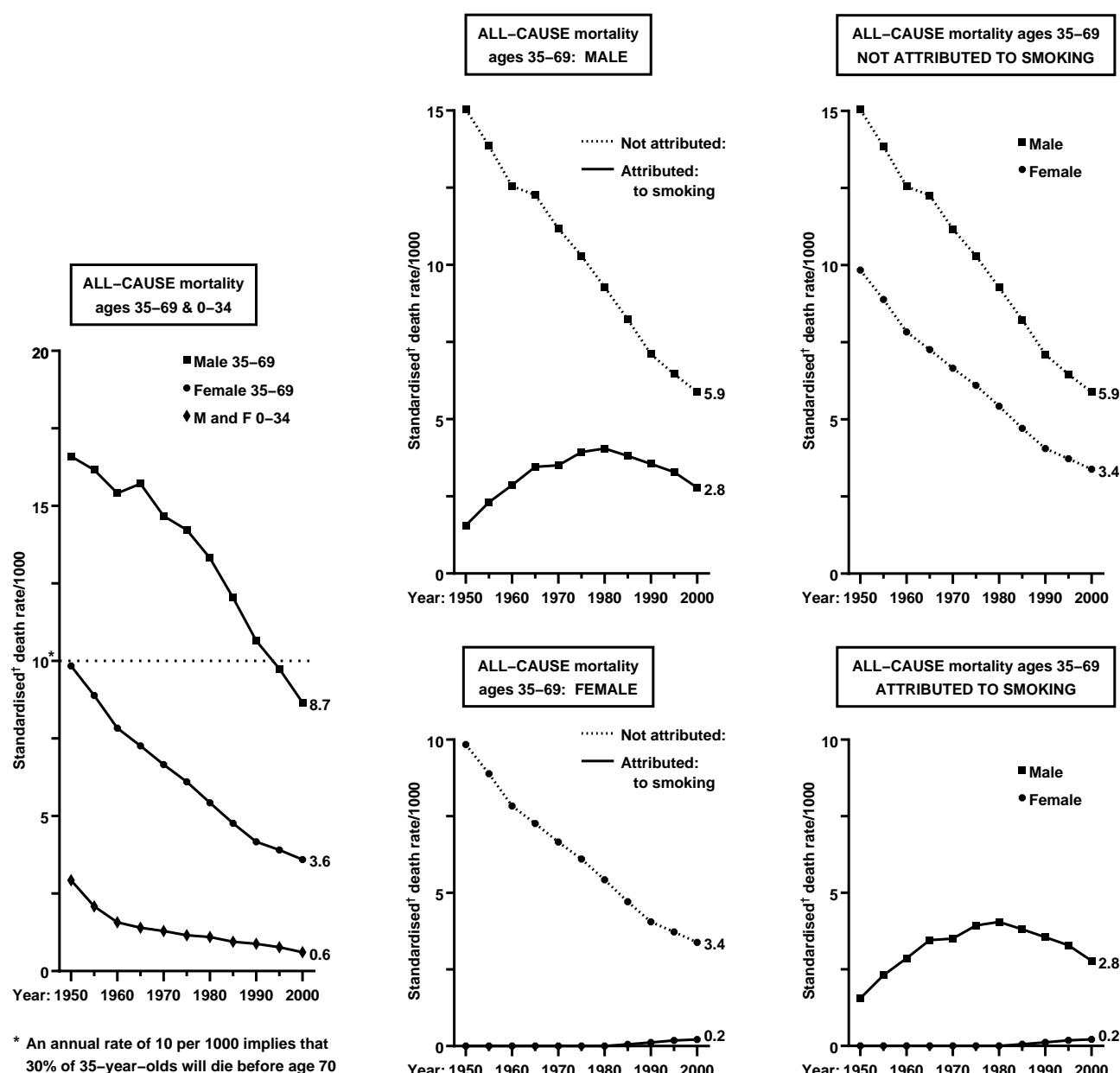
*Estimated as 10 times the sum of the annual numbers for 1955, 1965, 1975, 1985 & 1995

1950-2000: FRANCE



FRANCE: 1950-2000

ALL-CAUSE mortality rates attributed and not attributed to smoking

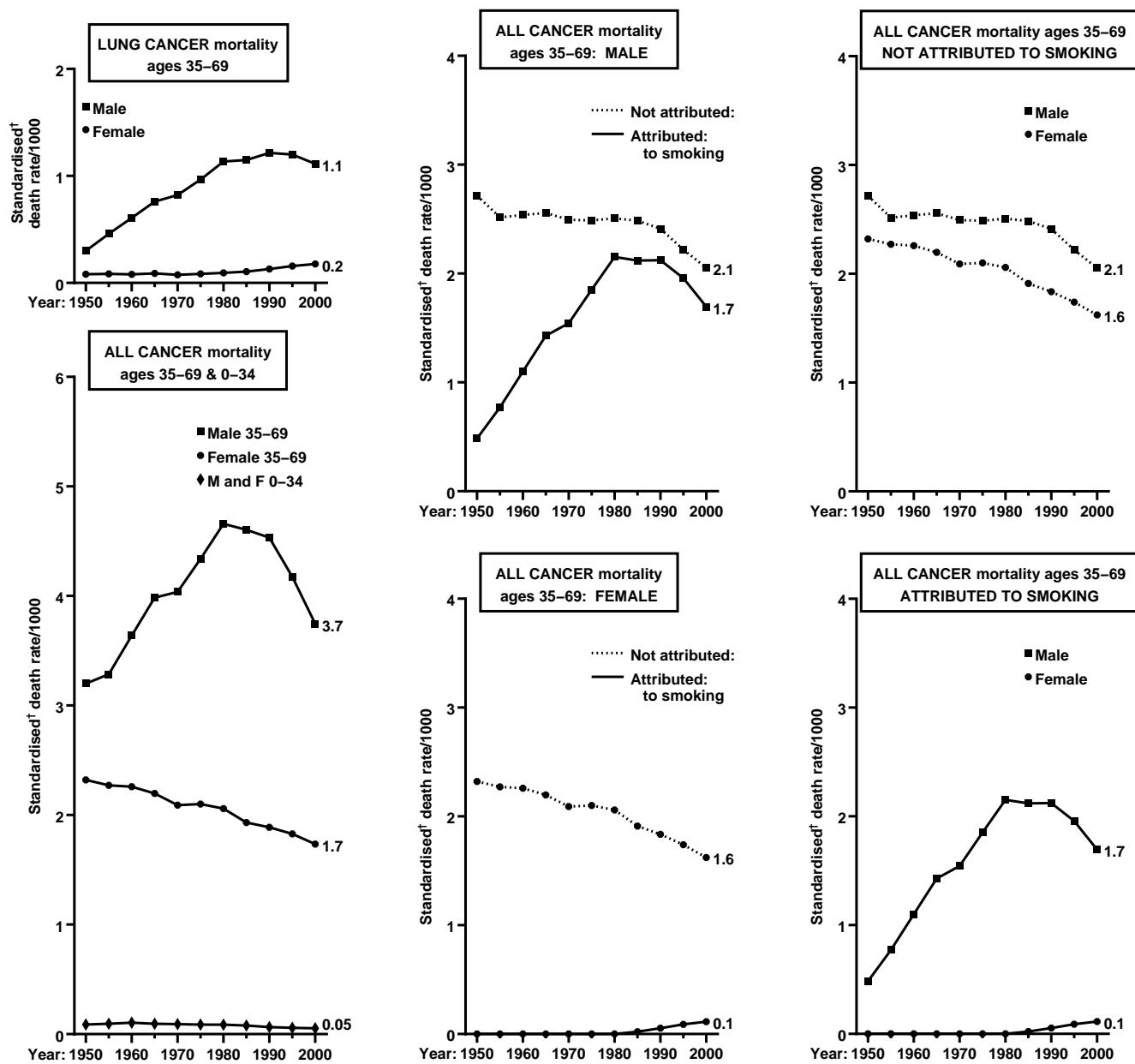


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?	0-34		35-69		70-79		Yes	0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No		Yes	No	Yes	No	Yes	No
1950	-	3.33	1.55	15.0	0.88	82.1	-	2.52	0.00	9.84	0.00	59.7		
1955	-	2.47	2.31	13.9	2.96	78.5	-	1.70	0.00	8.88	0.00	54.9		
1960	-	1.90	2.86	12.5	4.44	73.3	-	1.23	0.00	7.83	0.00	50.2		
1965	-	1.73	3.45	12.3	6.65	69.0	-	1.06	0.00	7.26	0.00	46.1		
1970	-	1.64	3.50	11.2	8.42	63.0	-	0.94	0.00	6.66	0.00	42.6		
1975	-	1.48	3.93	10.3	10.8	61.1	-	0.83	0.00	6.10	0.00	39.5		
1980	-	1.45	4.05	9.27	9.97	52.1	-	0.74	0.00	5.42	0.00	32.5		
1985	-	1.25	3.81	8.23	10.7	48.2	-	0.64	0.05	4.71	0.17	29.7		
1990	-	1.20	3.55	7.10	9.28	39.8	-	0.55	0.11	4.05	0.20	24.4		
1995	-	1.04	3.28	6.46	8.28	34.8	-	0.49	0.18	3.72	0.36	21.0		
2000	-	0.81	2.78	5.88	7.49	34.2	-	0.39	0.21	3.38	0.46	19.8		

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

1950-2000: FRANCE

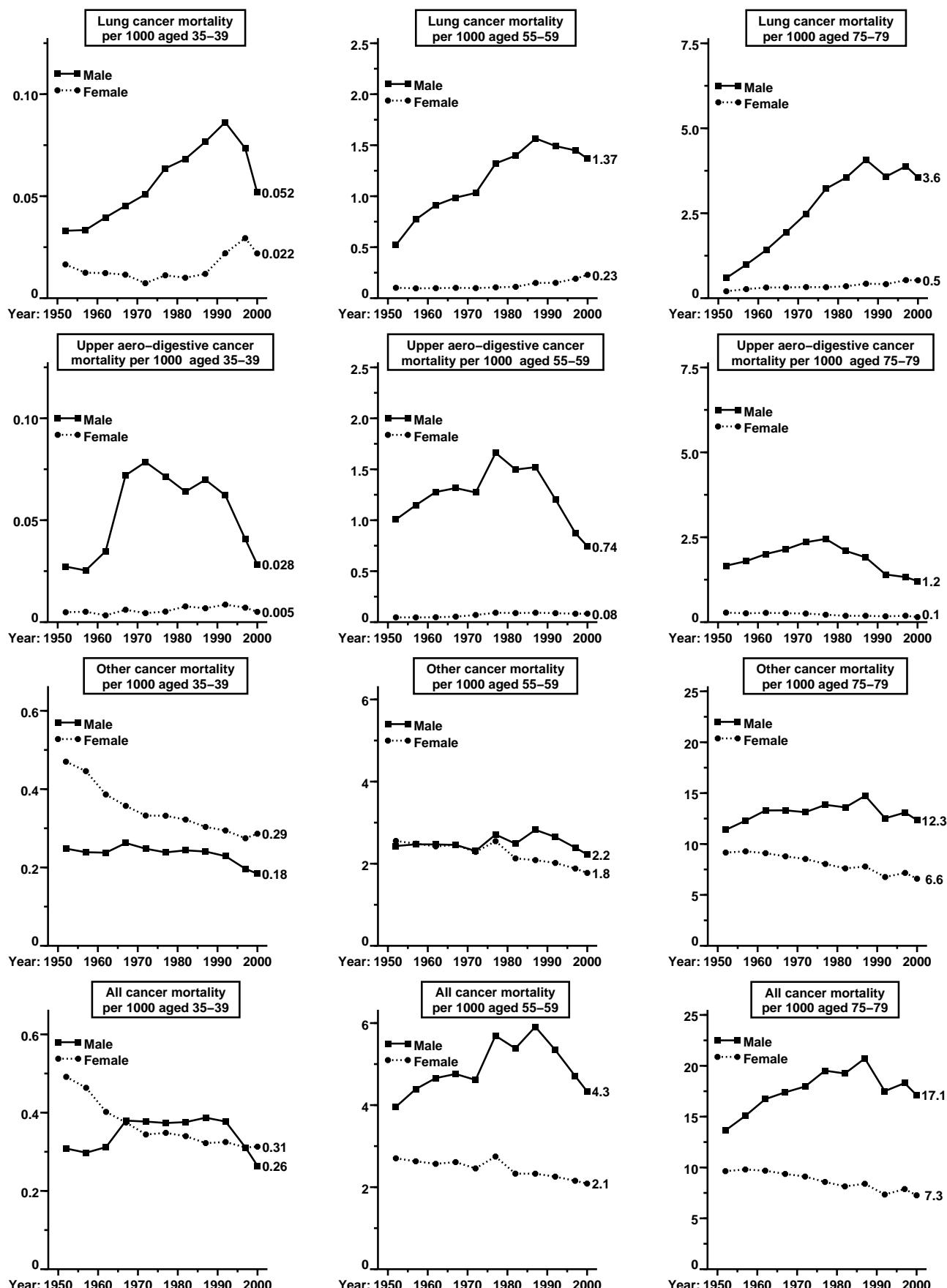
ALL CANCER mortality rates attributed and not attributed to smoking



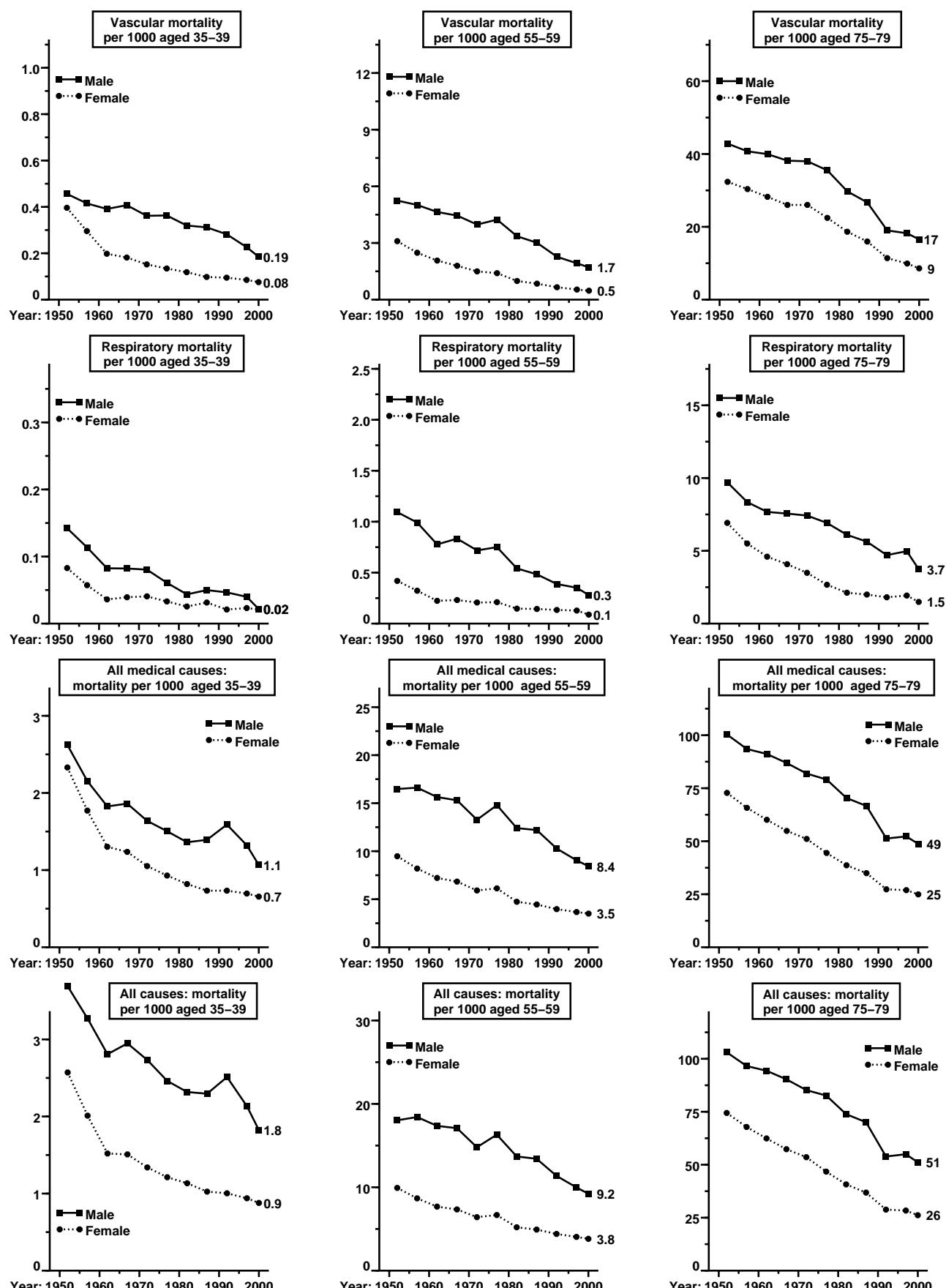
[†] Mean of 7 age-specific rates, ages 35–69 (or ages 0–34)

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	–	0.09	0.48	2.72	0.28	11.6	–	0.08	0.00	2.32	0.00	8.41	–	0.08	0.00
1955	–	0.10	0.77	2.51	1.02	12.0	–	0.09	0.00	2.27	0.00	8.61	–	0.09	0.00
1960	–	0.11	1.10	2.54	1.65	12.6	–	0.09	0.00	2.26	0.00	8.24	–	0.09	0.00
1965	–	0.10	1.43	2.56	2.60	12.4	–	0.09	0.00	2.20	0.00	8.11	–	0.09	0.00
1970	–	0.10	1.54	2.49	3.42	12.2	–	0.08	0.00	2.09	0.00	7.80	–	0.08	0.00
1975	–	0.10	1.85	2.49	4.58	12.7	–	0.08	0.00	2.10	0.00	7.70	–	0.08	0.00
1980	–	0.09	2.15	2.51	4.97	11.8	–	0.08	0.00	2.06	0.00	7.02	–	0.08	0.00
1985	–	0.08	2.12	2.48	5.46	12.0	–	0.07	0.02	1.91	0.06	7.02	–	0.07	0.02
1990	–	0.07	2.12	2.41	5.23	11.5	–	0.06	0.05	1.83	0.07	6.76	–	0.06	0.05
1995	–	0.06	1.96	2.22	4.81	10.7	–	0.05	0.09	1.74	0.14	6.33	–	0.05	0.09
2000	–	0.06	1.69	2.05	4.57	10.4	–	0.05	0.11	1.62	0.21	6.11	–	0.05	0.11

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

FRANCE: 1950-2000**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1950-54,...,1995-99; then year 2000 separately

1950-2000: FRANCE**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1950-54,...,1995-99; then year 2000 separately