

2000-04: SIMD 1-1301

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			
411.5	559.9	839.0	1181.0	1847.4	2777.1	3923.6	5757.2	8335.9	15133.2	M	ALL CAUSES	001-999/A00-Y89
172.8	265.6	446.9	604.1	1014.0	1501.4	2174.2	3471.5	5225.9	11008.4	F		
...	...	...	...	...	...	...	...	...	...	M	Tuberculosis	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	HIV	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other infective and parasitic	
...	...	...	...	...	...	...	...	...	...	F		
21.4	52.4	138.5	275.4	562.9	909.9	1344.2	1907.3	2500.0	3386.5	M	ALL CANCER	140-208/C00-C97
35.0	76.5	147.4	222.9	406.0	572.6	823.7	1167.9	1536.5	1985.4	F		
0.5	1.8	5.5	11.1	22.1	30.0	33.4	38.6	44.9	58.2	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	1.3	1.9	5.1	6.3	7.9	12.9	14.6	25.3	F		
1.1	5.4	15.7	31.9	61.8	83.0	93.1	106.0	125.4	163.2	M	Oesophagus cancer	150/C15
-	0.5	4.6	8.3	18.4	22.6	29.3	48.2	53.6	94.4	F		
...	...	...	...	...	...	...	...	...	...	M	Stomach cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Colorectal cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pancreas cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
-	1.2	3.4	6.5	13.0	16.6	18.4	22.1	24.8	31.9	M	Larynx cancer	161/C32
-	-	0.7	0.6	1.5	2.1	2.1	4.0	3.9	7.7	F		
2.7	10.2	40.2	78.8	183.8	306.7	468.8	646.8	837.5	904.3	M	Lung cancer	162/C33, C34
4.3	12.6	30.8	64.1	110.9	180.5	290.5	414.5	520.0	432.1	F		
...	...	...	...	...	...	...	...	...	...	M	Malignant melanoma	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Female breast cancer	
...	...	...	...	...	...	...	...	...	...	F	Cervix cancer	
...	...	...	...	...	...	...	...	...	...	F	Other uterine cancer	
...	...	...	...	...	...	...	...	...	...	F	Ovarian cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Prostate cancer	
...	...	...	...	...	...	...	...	...	...	M	Bladder cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
17.0	33.7	73.7	147.1	282.2	473.5	730.5	1093.8	1467.5	2228.9	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
30.7	63.4	110.1	148.0	270.2	361.1	493.9	688.4	944.5	1425.9	F	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Myeloma and all lymphomas	
...	...	...	...	...	...	...	...	...	...	F	Leukaemia	
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F	Diabetes	
...	...	...	...	...	...	...	...	...	...	M		
51.6	112.6	238.7	363.3	582.8	993.7	1502.2	2333.3	3382.4	6455.9	M	ALL VASCULAR DISEASE	390-459/I00-199
24.5	48.6	81.3	133.9	238.6	469.0	733.0	1296.4	2166.5	5419.0	F		
...	...	...	...	...	...	...	...	...	...	M	Rheumatic heart disease and fever	
...	...	...	...	...	...	...	...	...	...	F	Hypertensive disease	
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Ischaemic heart disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Cerebrovascular disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other vascular disease, incl. venous	
...	...	...	...	...	...	...	...	...	...	F		
3.3	6.6	8.9	26.7	77.0	148.6	274.8	464.7	797.2	1157.6	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
1.4	4.4	12.5	26.9	77.1	112.1	215.6	384.7	510.2	571.8	F		
7.1	13.2	26.6	44.3	67.1	99.6	130.8	237.3	436.5	1397.7	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
5.8	10.4	15.1	21.8	39.6	49.4	77.8	155.8	296.0	1200.3	F		
...	...	...	...	...	...	...	...	...	...	M	Peptic ulcer	
...	...	...	...	...	...	...	...	...	...	F		
50.0	101.1	146.7	177.1	183.1	190.5	170.3	101.5	57.3	31.9	M	Liver cirrhosis	571/K70, K74
19.7	39.9	72.1	66.0	77.8	70.5	44.3	38.6	22.4	13.0	F		
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Pregnancy, birth	
...	...	...	...	...	...	...	...	...	...	M	Congenital and perinatal causes	
...	...	...	...	...	...	...	...	...	...	F	Ill-defined causes	
...	...	...	...	...	...	...	...	...	...	M		
133.0	151.1	158.9	202.5	282.2	339.9	410.0	612.6	995.4	2371.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
54.7	49.7	89.1	99.3	132.9	198.2	244.8	382.3	616.4	1548.0	F		
145.1	122.8	120.7	91.8	92.3	94.9	91.3	100.4	167.2	332.1	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
31.7	36.1	29.5	33.3	41.9	29.6	35.0	45.8	77.9	270.9	F	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Fire	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Suicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Homicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
182.0	166.1	146.6	153.6	131.1	126.5	113.9	90.6	64.6	53.3	M	POPULATION	
208.3	183.0	152.6	156.1	136.2	141.8	140.1	124.5	102.7	130.3	F	(1000s; 5 times year 2001)	

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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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	1923	80	0	3	77	13	23	72	67	916	752
35-69	Sm.	5441	2155	1289	417	449	557	179	1709	-	841	-
	Total	15127 (36%)	4172 (52%)	1365 (94%)	585 (71%)	2222 (20%)	673 (83%)	505 (35%)	4921 (35%)	1421	2304 (37%)	1131
70+	Sm.	5826	2423	1517	291	615	1272	221	1458	-	452	-
	Total	18667 (31%)	5148 (47%)	1609 (94%)	412 (71%)	3127 (20%)	1553 (82%)	1242 (18%)	7740 (19%)	146	2462 (18%)	376
Any age	Sm.	11267	4578	2806	708	1064	1829	400	3167	-	1293	-
	Total	35717 (32%)	9400 (49%)	2974 (94%)	1000 (71%)	5426 (20%)	2239 (82%)	1770 (23%)	12733 (25%)	1634	5682 (23%)	2259

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; 5 times year 2001)													
2000-04	2423.4	1195.1	1019.8	182.0	166.1	146.6	153.6	131.1	126.5	113.9	90.6	64.6	53.3
NUMBER OF DEATHS													
All causes													
2000-04	35717	1923	15127	749	930	1230	1814	2422	3513	4469	5216	5385	8066
Lung cancer													
2000-04	2974	-	1365	5	17	59	121	241	388	534	586	541	482
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	1339.7*	162.5*	1648.5*	411.5	559.9	839.0	1181.0	1847.4	2777.1	3923.6	5757.2	8335.9	15133.2
All cancer													
2000-04	345.5*	6.7*	472.1*	21.4	52.4	138.5	275.4	562.9	909.9	1344.2	1907.3	2500.0	3386.5
Lung cancer													
2000-04	108.6*	-	155.9*	2.7	10.2	40.2	78.8	183.8	306.7	468.8	646.8	837.5	904.3
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	38.1*	0.2*	65.1*	1.6	8.4	24.6	49.5	96.9	129.6	144.9	166.7	195.0	253.3
Other cancer													
2000-04	198.8*	6.4*	251.1*	17.0	33.7	73.7	147.1	282.2	473.5	730.5	1093.8	1467.5	2228.9
Chronic obstructive pulmonary disease (COPD)													
2000-04	79.8*	1.1*	78.0*	3.3	6.6	8.9	26.7	77.0	148.6	274.8	464.7	797.2	1157.6
Other respiratory disease													
2000-04	65.4*	1.9*	55.5*	7.1	13.2	26.6	44.3	67.1	99.6	130.8	237.3	436.5	1397.7
Vascular disease													
2000-04	468.1*	6.0*	549.3*	51.6	112.6	238.7	363.3	582.8	993.7	1502.2	2333.3	3382.4	6455.9
Liver cirrhosis													
2000-04	68.1*	5.5*	145.5*	50.0	101.1	146.7	177.1	183.1	190.5	170.3	101.5	57.3	31.9
Other medical causes													
2000-04	221.1*	77.9*	239.7*	133.0	151.1	158.9	202.5	282.2	339.9	410.0	612.6	995.4	2371.5
All non-medical causes													
2000-04	91.8*	63.5*	108.4*	145.1	122.8	120.7	91.8	92.3	94.9	91.3	100.4	167.2	332.1

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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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	841	75	8	0	67	9	20	42	23	425	247
35-69	Sm.	3382	1178	899	115	164	543	129	1013	-	519	-
	Total	9027	3305	993	161	2151	638	321	2490	595	1301	377
		(37%)	(36%)	(91%)	(71%)	(8%)	(85%)	(40%)	(41%)		(40%)	
70+	Sm.	7561	2163	1507	253	403	1558	475	2613	-	752	-
	Total	24033	5619	1613	321	3685	1748	2062	10900	88	3126	490
		(31%)	(38%)	(93%)	(79%)	(11%)	(89%)	(23%)	(24%)		(24%)	
Any age	Sm.	10943	3341	2406	368	567	2101	604	3626	-	1271	-
	Total	33901	8999	2614	482	5903	2395	2403	13432	706	4852	1114
		(32%)	(37%)	(92%)	(76%)	(10%)	(88%)	(25%)	(27%)		(26%)	

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; 5 times year 2001)													
2000-04	2735.9	1260.3	1118.1	208.3	183.0	152.6	156.1	136.2	141.8	140.1	124.5	102.7	130.3
NUMBER OF DEATHS													
All causes													
2000-04	33901	841	9027	360	486	682	943	1381	2129	3046	4322	5367	14344
Lung cancer													
2000-04	2614	8	993	9	23	47	100	151	256	407	516	534	563
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	790.1*	66.6*	882.7*	172.8	265.6	446.9	604.1	1014.0	1501.4	2174.2	3471.5	5225.9	11008.4
All cancer													
2000-04	228.0*	5.7*	326.3*	35.0	76.5	147.4	222.9	406.0	572.6	823.7	1167.9	1536.5	1985.4
Lung cancer													
2000-04	66.9*	0.6*	99.1*	4.3	12.6	30.8	64.1	110.9	180.5	290.5	414.5	520.0	432.1
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	11.8*	-	16.2*	-	0.5	6.6	10.9	25.0	31.0	39.3	65.1	72.1	127.4
Other cancer													
2000-04	149.3*	5.1*	211.1*	30.7	63.4	110.1	148.0	270.2	361.1	493.9	688.4	944.5	1425.9
Chronic obstructive pulmonary disease (COPD)													
2000-04	55.5*	0.7*	64.3*	1.4	4.4	12.5	26.9	77.1	112.1	215.6	384.7	510.2	571.8
Other respiratory disease													
2000-04	47.1*	1.6*	31.4*	5.8	10.4	15.1	21.8	39.6	49.4	77.8	155.8	296.0	1200.3
Vascular disease													
2000-04	279.4*	3.1*	247.0*	24.5	48.6	81.3	133.9	238.6	469.0	733.0	1296.4	2166.5	5419.0
Liver cirrhosis													
2000-04	26.4*	1.6*	55.7*	19.7	39.9	72.1	66.0	77.8	70.5	44.3	38.6	22.4	13.0
Other medical causes													
2000-04	121.4*	35.2*	124.1*	54.7	49.7	89.1	99.3	132.9	198.2	244.8	382.3	616.4	1548.0
All non-medical causes													
2000-04	32.2*	18.8*	33.9*	31.7	36.1	29.5	33.3	41.9	29.6	35.0	45.8	77.9	270.9

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Relative importance of deaths in MIDDLE age (35–69) in the years 2000–04

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	- / 1.9	- / 0.8	-
35–69	5.4 / 15	3.4 / 9.0	21 years
70+	5.8 / 19	7.6 / 24	8 years
All ages	11 / 36	11 / 34	13 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2000–04

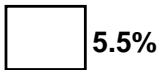
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	-/0.0	1.3/1.4	1.5/1.6	2.8/3.0	-/0.0	0.9/1.0	1.5/1.6	2.4/2.6
All Cancer	-/0.1	2.2/4.2 (52%)	2.4/5.1 (47%)	4.6/9.4	-/0.1	1.2/3.3 (36%)	2.2/5.6 (38%)	3.3/9.0
Vascular	-/0.1	1.7/4.9	1.5/7.7	3.2/13	-/0.0	1.0/2.5	2.6/11	3.6/13
Respiratory	-/0.0	0.7/1.2	1.5/2.8	2.2/4.0	-/0.0	0.7/1.0	2.0/3.8	2.7/4.8
All Other	-/1.7	0.8/4.9	0.5/3.0	1.3/9.6	-/0.7	0.5/2.3	0.8/3.7	1.3/6.7
All Causes	-/1.9	5.4/15 (36%)	5.8/19 (31%)	11/36	-/0.8	3.4/9.0 (37%)	7.6/24 (31%)	11/34

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the years 2000–04

Cause	Male	Female	Male + Female
All Cancer	4.6 / 9.4 (49%)	3.3 / 9.0 (37%)	7.9 / 18 (43%)
All Causes	11 / 36 (32%)	11 / 34 (32%)	22 / 70 (32%)

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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 years 2000–04 male death rates, out of 100 men aged 35, 44 would die before age 70 (with 16 of these deaths attributed to smoking)

MALE

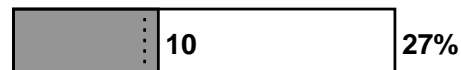
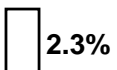
2000*



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

2000



SIMD 1302-2602: 2000-04

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	1140	63	3	1	59	4	16	64	16	476	501
35-69	Sm.	3514	1594	1017	263	314	365	86	1025	-	444	-
	Total	10630	3393	1094	402	1897	465	294	3540	674	1504	760
		(33%)	(47%)	(93%)	(65%)	(17%)	(78%)	(29%)	(29%)		(30%)	
70+	Sm.	5344	2260	1416	267	577	1111	204	1322	-	447	-
	Total	19540	5273	1518	396	3359	1400	1311	8242	110	2839	365
		(27%)	(43%)	(93%)	(67%)	(17%)	(79%)	(16%)	(16%)		(16%)	
Any age	Sm.	8858	3854	2433	530	891	1476	290	2347	-	891	-
	Total	31310	8729	2615	799	5315	1869	1621	11846	800	4819	1626
		(28%)	(44%)	(93%)	(66%)	(17%)	(79%)	(18%)	(20%)		(18%)	

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; 5 times year 2001)													
2000-04	2390.3	1119.4	1039.5	186.0	169.9	151.1	159.8	134.0	124.4	114.3	95.4	72.8	63.2
NUMBER OF DEATHS													
All causes													
2000-04	31310	1140	10630	434	575	704	1086	1801	2607	3423	4703	5472	9365
Lung cancer													
2000-04	2615	3	1094	4	19	30	86	189	333	433	514	526	478
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	1070.8*	100.3*	1164.5*	233.3	338.4	465.9	679.6	1344.0	2095.7	2994.8	4929.8	7516.5	14818.0
All cancer													
2000-04	296.8*	5.4*	382.2*	24.7	52.4	101.9	189.0	438.8	777.3	1091.0	1636.3	2329.7	3189.9
Lung cancer													
2000-04	88.9*	0.2*	124.9*	2.2	11.2	19.9	53.8	141.0	267.7	378.8	538.8	722.5	756.3
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	28.2*	0.1*	44.5*	2.7	4.1	17.2	31.3	64.2	85.2	106.7	128.9	190.9	212.0
Other cancer													
2000-04	179.6*	5.1*	212.7*	19.9	37.1	64.9	103.9	233.6	424.4	605.4	968.6	1416.2	2221.5
Chronic obstructive pulmonary disease (COPD)													
2000-04	60.8*	0.3*	53.8*	1.6	1.2	7.3	16.3	59.0	109.3	182.0	360.6	567.3	1017.4
Other respiratory disease													
2000-04	52.7*	1.5*	32.7*	6.5	5.9	8.6	12.5	41.0	70.7	84.0	245.3	403.8	1238.9
Vascular disease													
2000-04	394.4*	5.2*	395.1*	34.9	76.5	125.7	226.5	458.2	709.0	1134.7	1978.0	3087.9	6498.4
Liver cirrhosis													
2000-04	32.2*	1.2*	69.0*	17.2	42.4	65.5	67.0	100.7	111.7	78.7	59.7	45.3	31.6
Other medical causes													
2000-04	170.5*	44.1*	158.6*	70.4	81.8	85.4	112.0	159.7	250.8	350.0	574.4	962.9	2515.8
All non-medical causes													
2000-04	63.5*	42.5*	73.1*	78.0	78.3	71.5	56.3	86.6	66.7	74.4	75.5	119.5	325.9

2000-04: SIMD 1302-2602

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	506	59	1	1	57	5	6	38	8	271	119
35-69	Sm.	2229	896	684	100	112	338	70	607	-	318	-
	Total	6848 (33%)	2870 (31%)	779 (88%)	155 (65%)	1936 (6%)	417 (81%)	215 (33%)	1777 (34%)	326	977 (33%)	266
70+	Sm.	6145	1749	1213	219	317	1284	377	2107	-	628	-
	Total	25209 (24%)	5585 (31%)	1332 (91%)	303 (72%)	3950 (8%)	1505 (85%)	2219 (17%)	11736 (18%)	83	3495 (18%)	586
Any age	Sm.	8374	2645	1897	319	429	1622	447	2714	-	946	-
	Total	32563 (26%)	8514 (31%)	2112 (90%)	459 (69%)	5943 (7%)	1927 (84%)	2440 (18%)	13551 (20%)	417	4743 (20%)	971

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; 5 times year 2001)													
2000-04	2650.1	1127.3	1126.1	198.7	177.9	156.9	166.1	144.1	142.4	140.0	131.1	115.9	149.7
NUMBER OF DEATHS													
All causes													
2000-04	32563	506	6848	212	301	464	721	1092	1589	2469	3827	5278	16104
Lung cancer													
2000-04	2112	1	779	4	14	26	76	124	191	344	446	427	459
ANNUAL DEATH RATE / 100,000													
All causes				(*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)									
2000-04	659.3*	45.2*	663.3*	106.7	169.2	295.7	434.1	757.8	1115.9	1763.6	2919.1	4553.9	10757.5
All cancer													
2000-04	197.3*	4.8*	279.8*	27.7	59.6	107.1	172.2	358.1	479.6	754.3	1036.6	1341.7	1784.2
Lung cancer													
2000-04	50.5*	0.1*	76.9*	2.0	7.9	16.6	45.8	86.1	134.1	245.7	340.2	368.4	306.6
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	10.4*	0.1*	15.2*	-	2.8	4.5	8.4	22.2	27.4	41.4	45.0	71.6	107.5
Other cancer													
2000-04	136.4*	4.6*	187.7*	25.7	48.9	86.0	118.0	249.8	318.1	467.1	651.4	901.6	1370.1
Chronic obstructive pulmonary disease (COPD)													
2000-04	39.7*	0.4*	41.3*	1.0	3.9	3.2	22.9	45.1	80.1	132.9	291.4	339.9	487.0
Other respiratory disease													
2000-04	40.3*	0.5*	20.8*	2.5	2.2	14.7	17.5	22.2	40.0	46.4	109.8	267.5	1179.0
Vascular disease													
2000-04	241.4*	3.0*	174.7*	13.1	23.6	57.4	93.3	160.3	317.4	557.9	1084.7	1916.3	5406.1
Liver cirrhosis													
2000-04	14.4*	0.6*	30.0*	13.1	18.5	32.5	35.5	42.3	33.7	34.3	26.7	19.8	16.7
Other medical causes													
2000-04	102.5*	25.9*	93.0*	27.2	37.7	56.7	70.4	106.9	140.4	211.4	331.0	580.7	1595.2
All non-medical causes													
2000-04	23.8*	10.1*	23.7*	22.1	23.6	24.2	22.3	22.9	24.6	26.4	38.9	88.0	289.2

SIMD 1302-2602: 2000-04

Relative importance of deaths in MIDDLE age (35–69) in the years 2000–04

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 1.1	– / 0.5	–
35–69	3.5 / 11	2.2 / 6.8	21 years
70+	5.3 / 20	6.1 / 25	8 years
All ages	8.9 / 31	8.4 / 33	12 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2000–04

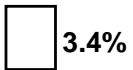
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	1.0/1.1	1.4/1.5	2.4/2.6	–/0.0	0.7/0.8	1.2/1.3	1.9/2.1
All Cancer	–/0.1	1.6/3.4 (47%)	2.3/5.3 (43%)	3.9/8.7	–/0.1	0.9/2.9 (31%)	1.7/5.6 (31%)	2.6/8.5
Vascular	–/0.1	1.0/3.5	1.3/8.2	2.3/12	–/0.0	0.6/1.8	2.1/12	2.7/14
Respiratory	–/0.0	0.5/0.8	1.3/2.7	1.8/3.5	–/0.0	0.4/0.6	1.7/3.7	2.1/4.4
All Other	–/1.0	0.4/2.9	0.4/3.3	0.9/7.2	–/0.4	0.3/1.6	0.6/4.2	0.9/6.1
All Causes	–/1.1	3.5/11 (33%)	5.3/20 (27%)	8.9/31	–/0.5	2.2/6.8 (33%)	6.1/25 (24%)	8.4/33

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the years 2000–04

Cause	Male	Female	Male + Female
All Cancer	3.9 / 8.7 (44%)	2.6 / 8.5 (31%)	6.5 / 17 (38%)
All Causes	8.9 / 31 (28%)	8.4 / 33 (26%)	17 / 64 (27%)

2000-04: SIMD 1302-2602

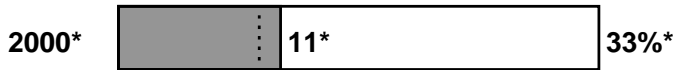
Population risk of dying at ages 0–34



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

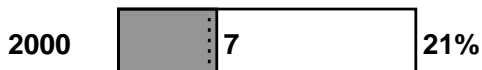
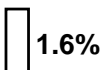
*eg, at years 2000–04 male death rates, out of 100 men aged 35, 33 would die before age 70 (with 11 of these deaths attributed to smoking)

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



2000-04: SIMD 2603-3903

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			
148.9	204.3	349.5	523.6	956.3	1623.8	2525.8	4226.8	6772.7	15000.0	M	ALL CAUSES	001-999/A00-Y89
81.4	151.8	236.5	351.9	615.1	940.4	1572.4	2559.3	4401.0	10909.7	F		
...	...	...	...	...	...	...	...	...	...	M	Tuberculosis	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	HIV	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other infective and parasitic	
...	...	...	...	...	...	...	...	...	...	F		
17.0	34.8	82.8	146.5	336.1	639.3	955.5	1453.7	1938.1	3182.0	M	ALL CANCER	140-208/C00-C97
24.8	58.8	100.6	170.3	322.4	432.6	636.4	936.6	1251.7	1740.4	F		
-	1.1	3.1	5.2	15.2	17.8	20.1	33.0	38.8	47.5	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	0.6	1.1	3.3	5.0	5.3	9.2	11.7	20.6	F		
1.0	3.9	8.0	13.3	41.6	50.3	54.1	91.6	107.9	129.7	M	Oesophagus cancer	150/C15
0.5	0.5	2.4	5.1	11.8	17.0	19.8	34.2	44.9	78.9	F		
...	...	...	...	...	...	...	...	...	...	M	Stomach cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Colorectal cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pancreas cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
-	0.6	1.8	2.9	8.3	10.1	11.4	19.2	21.6	26.9	M	Larynx cancer	161/C32
-	-	-	0.6	1.3	1.4	1.5	2.5	3.9	6.4	F		
1.5	2.2	18.4	36.9	65.8	195.0	284.7	433.4	516.5	710.4	M	Lung cancer	162/C33, C34
1.5	8.0	18.0	32.1	69.7	107.1	173.8	247.9	316.1	282.4	F		
...	...	...	...	...	...	...	...	...	...	M	Malignant melanoma	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Female breast cancer	
...	...	...	...	...	...	...	...	...	...	F	Cervix cancer	
...	...	...	...	...	...	...	...	...	...	F	Other uterine cancer	
...	...	...	...	...	...	...	...	...	...	F	Ovarian cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Prostate cancer	
...	...	...	...	...	...	...	...	...	...	F		
14.4	27.1	51.5	88.2	205.1	366.1	585.2	876.5	1253.2	2267.4	M	Bladder cancer	Not given separately
22.8	50.2	79.6	131.4	236.2	302.1	436.0	642.7	875.1	1352.1	F	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Myeloma and all lymphomas	
...	...	...	...	...	...	...	...	...	...	F	Leukaemia	
...	...	...	...	...	...	...	...	...	...	M	Diabetes	
...	...	...	...	...	...	...	...	...	...	F		
20.1	54.7	114.7	166.7	318.8	551.1	959.8	1695.4	2965.5	6504.7	M	ALL VASCULAR DISEASE	390-459/I00-199
10.9	29.4	34.1	59.2	138.2	252.5	484.8	955.8	1884.9	5516.4	F		
...	...	...	...	...	...	...	...	...	...	M	Rheumatic heart disease and fever	
...	...	...	...	...	...	...	...	...	...	F	Hypertensive disease	
...	...	...	...	...	...	...	...	...	...	M	Ischaemic heart disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F	Cerebrovascular disease	
...	...	...	...	...	...	...	...	...	...	M	Other vascular disease, incl. venous	
1.0	2.2	2.5	9.8	27.0	75.1	122.3	272.6	464.7	1004.7	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.5	1.6	3.0	9.0	17.8	56.0	112.0	201.2	315.1	433.9	F	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.5	5.0	9.2	11.0	25.6	43.3	61.1	160.8	302.2	1265.8	M		
2.0	3.2	8.4	9.0	17.8	25.5	51.8	87.6	230.2	1179.9	F		
...	...	...	...	...	...	...	...	...	...	M	Peptic ulcer	
...	...	...	...	...	...	...	...	...	...	F		
7.7	17.1	27.0	42.7	54.1	56.5	59.4	59.6	56.1	28.5	M	Liver cirrhosis	571/K70, K74
6.0	8.0	14.4	26.5	24.3	24.8	28.2	15.9	15.6	12.8	F	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pregnancy, birth	
...	...	...	...	...	...	...	...	...	...	F	Congenital and perinatal causes	
...	...	...	...	...	...	...	...	...	...	M	Ill-defined causes	
...	...	...	...	...	...	...	...	...	...	F		
39.7	45.8	61.3	87.7	135.1	195.0	303.9	504.8	935.3	2742.1	M	Other medical causes	Rest of 001-799/ rest of A00-R99
22.3	28.3	50.9	58.7	77.6	121.3	234.0	325.5	616.6	1732.6	F		
61.8	44.7	52.1	59.4	59.6	63.5	63.8	79.9	110.8	272.2	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
14.9	22.4	25.1	19.2	17.1	27.7	25.2	36.7	86.8	293.7	F	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Fire	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Suicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Homicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
194.1	181.1	163.1	173.4	144.3	129.2	114.5	93.9	69.5	63.2	M	POPULATION	
201.4	187.1	167.0	177.3	152.0	141.0	131.2	119.8	102.5	140.6	F	(1000s; 5 times year 2001)	

SIMD 2603-3903: 2000-04

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	862	69	4	1	64	6	8	48	13	302	416
35-69	Sm.	2172	1088	692	194	202	215	44	585	-	240	-
	Total	8507 (26%)	2890 (38%)	774 (89%)	363 (53%)	1753 (12%)	303 (71%)	209 (21%)	2885 (20%)	383	1207 (20%)	630
70+	Sm.	4036	1741	1105	228	408	892	134	935	-	334	-
	Total	18156 (22%)	4723 (37%)	1215 (91%)	381 (60%)	3127 (13%)	1214 (73%)	1161 (12%)	7764 (12%)	113	2857 (12%)	324
Any age	Sm.	6208	2829	1797	422	610	1107	178	1520	-	574	-
	Total	27525 (23%)	7682 (37%)	1993 (90%)	745 (57%)	4944 (12%)	1523 (73%)	1378 (13%)	10697 (14%)	509	4366 (13%)	1370

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; 5 times year 2001)													
2000-04	2408.5	1082.2	1099.7	194.1	181.1	163.1	173.4	144.3	129.2	114.5	93.9	69.5	63.2
NUMBER OF DEATHS													
All causes													
2000-04	27525	862	8507	289	370	570	908	1380	2098	2892	3969	4707	9480
Lung cancer													
2000-04	1993	4	774	3	4	30	64	95	252	326	407	359	449
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													
2000-04	927.4*	78.7*	904.6*	148.9	204.3	349.5	523.6	956.3	1623.8	2525.8	4226.8	6772.7	15000.0
All cancer													
2000-04	259.0*	6.0*	316.0*	17.0	34.8	82.8	146.5	336.1	639.3	955.5	1453.7	1938.1	3182.0
Lung cancer													
2000-04	66.9*	0.3*	86.4*	1.5	2.2	18.4	36.9	65.8	195.0	284.7	433.4	516.5	710.4
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	25.9*	0.1*	38.5*	1.0	5.5	12.9	21.3	65.1	78.2	85.6	143.8	168.3	204.1
Other cancer													
2000-04	166.2*	5.6*	191.1*	14.4	27.1	51.5	88.2	205.1	366.1	585.2	876.5	1253.2	2267.4
Chronic obstructive pulmonary disease (COPD)													
2000-04	49.2*	0.6*	34.3*	1.0	2.2	2.5	9.8	27.0	75.1	122.3	272.6	464.7	1004.7
Other respiratory disease													
2000-04	44.5*	0.7*	22.4*	1.5	5.0	9.2	11.0	25.6	43.3	61.1	160.8	302.2	1265.8
Vascular disease													
2000-04	352.3*	4.2*	312.3*	20.1	54.7	114.7	166.7	318.8	551.1	959.8	1695.4	2965.5	6504.7
Liver cirrhosis													
2000-04	19.0*	1.0*	37.8*	7.7	17.1	27.0	42.7	54.1	56.5	59.4	59.6	56.1	28.5
Other medical causes													
2000-04	150.5*	29.3*	124.1*	39.7	45.8	61.3	87.7	135.1	195.0	303.9	504.8	935.3	2742.1
All non-medical causes													
2000-04	52.7*	36.9*	57.8*	61.8	44.7	52.1	59.4	59.6	63.5	63.8	79.9	110.8	272.2

2000-04: SIMD 2603-3903

Female smoking-attributed deaths (Sm.) and total deaths (Total)

2000-04		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
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	403	65	0	0	65	2	7	29	5	179	116
35-69	Sm.	1531	641	495	65	81	212	46	396	-	236	-
	Total	5791 (26%)	2565 (25%)	590 (84%)	112 (58%)	1863 (4%)	278 (76%)	171 (27%)	1441 (27%)	207	883 (27%)	246
70+	Sm.	4722	1323	908	180	235	968	286	1624	-	521	-
	Total	22916 (21%)	4852 (27%)	1018 (89%)	266 (68%)	3568 (7%)	1174 (82%)	2000 (14%)	10833 (15%)	53	3458 (15%)	546
Any age	Sm.	6253	1964	1403	245	316	1180	332	2020	-	757	-
	Total	29110 (21%)	7482 (26%)	1608 (87%)	378 (65%)	5496 (6%)	1454 (81%)	2178 (15%)	12303 (16%)	265	4520 (17%)	908

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; 5 times year 2001)													
2000-04	2568.9	1049.0	1157.0	201.4	187.1	167.0	177.3	152.0	141.0	131.2	119.8	102.5	140.6
NUMBER OF DEATHS													
All causes													
2000-04	29110	403	5791	164	284	395	624	935	1326	2063	3066	4511	15339
Lung cancer													
2000-04	1608	-	590	3	15	30	57	106	151	228	297	324	397
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	607.4*	39.0*	564.2*	81.4	151.8	236.5	351.9	615.1	940.4	1572.4	2559.3	4401.0	10909.7
All cancer													
2000-04	182.1*	5.9*	249.4*	24.8	58.8	100.6	170.3	322.4	432.6	636.4	936.6	1251.7	1740.4
Lung cancer													
2000-04	40.1*	-	58.6*	1.5	8.0	18.0	32.1	69.7	107.1	173.8	247.9	316.1	282.4
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	8.7*	-	11.0*	0.5	0.5	3.0	6.8	16.4	23.4	26.7	45.9	60.5	106.0
Other cancer													
2000-04	133.4*	5.9*	179.8*	22.8	50.2	79.6	131.4	236.2	302.1	436.0	642.7	875.1	1352.1
Chronic obstructive pulmonary disease (COPD)													
2000-04	30.4*	0.2*	28.6*	0.5	1.6	3.0	9.0	17.8	56.0	112.0	201.2	315.1	433.9
Other respiratory disease													
2000-04	37.2*	0.7*	16.8*	2.0	3.2	8.4	9.0	17.8	25.5	51.8	87.6	230.2	1179.9
Vascular disease													
2000-04	227.7*	2.7*	144.2*	10.9	29.4	34.1	59.2	138.2	252.5	484.8	955.8	1884.9	5516.4
Liver cirrhosis													
2000-04	8.9*	0.4*	18.9*	6.0	8.0	14.4	26.5	24.3	24.8	28.2	15.9	15.6	12.8
Other medical causes													
2000-04	97.9*	18.5*	84.7*	22.3	28.3	50.9	58.7	77.6	121.3	234.0	325.5	616.6	1732.6
All non-medical causes													
2000-04	23.1*	10.6*	21.7*	14.9	22.4	25.1	19.2	17.1	27.7	25.2	36.7	86.8	293.7

(*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)

SIMD 2603-3903: 2000-04

Relative importance of deaths in MIDDLE age (35–69) in the years 2000–04

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 0.9	– / 0.4	–
35–69	2.2 / 8.5	1.5 / 5.8	21 years
70+	4.0 / 18	4.7 / 23	8 years
All ages	6.2 / 28	6.3 / 29	12 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2000–04

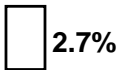
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.7/0.8	1.1/1.2	1.8/2.0	–/0.0	0.5/0.6	0.9/1.0	1.4/1.6
All Cancer	–/0.1	1.1/2.9 (38%)	1.7/4.7 (37%)	2.8/7.7	–/0.1	0.6/2.6 (25%)	1.3/4.9 (27%)	2.0/7.5
Vascular	–/0.0	0.6/2.9	0.9/7.8	1.5/11	–/0.0	0.4/1.4	1.6/11	2.0/12
Respiratory	–/0.0	0.3/0.5	1.0/2.4	1.3/2.9	–/0.0	0.3/0.4	1.3/3.2	1.5/3.6
All Other	–/0.7	0.2/2.2	0.3/3.3	0.6/6.2	–/0.3	0.2/1.3	0.5/4.1	0.8/5.7
All Causes	–/0.9	2.2/8.5 (26%)	4.0/18 (22%)	6.2/28	–/0.4	1.5/5.8 (26%)	4.7/23 (21%)	6.3/29

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the years 2000–04

Cause	Male	Female	Male + Female
All Cancer	2.8 / 7.7 (37%)	2.0 / 7.5 (26%)	4.8 / 15 (32%)
All Causes	6.2 / 28 (23%)	6.3 / 29 (21%)	12 / 57 (22%)

2000-04: SIMD 2603-3903

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 years 2000–04 male death rates, out of 100 men aged 35, 27 would die before age 70 (with 7 of these deaths attributed to smoking)

MALE

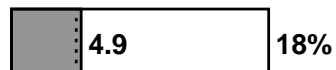
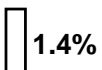
2000*



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

2000



SIMD 3904-5204: 2000-04

		No. of deaths			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	23205	679	6672	794.7	64.4	709.8	95.3	9.8	12.4	47.6	92.1	103.6	89.8
	F	25927	319	4427	547.6	31.2	438.9	78.9	7.5	8.5	25.0	34.6	23.4	40.4
Tuberculosis	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
HIV	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other infective and parasitic	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL CANCER	M	6766	69	2439	233.0	6.2	264.8	3.7	2.6	2.5	5.2	5.5	9.2	15.0
	F	6448	58	2242	163.2	5.1	221.4	1.6	1.4	2.6	2.8	9.6	3.4	14.7
Mouth and pharynx cancer	M	144	-	63	5.0	-	6.6	-	-	-	-	-	-	-
	F	67	-	17	1.6	-	1.8	-	-	-	-	-	-	-
Oesophagus cancer	M	408	4	179	14.3	0.4	18.7	-	-	-	-	0.7	1.4	0.6
	F	252	2	67	6.0	0.2	7.0	-	-	-	-	1.5	-	-
Stomach cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Colorectal cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Liver cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pancreas cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Larynx cancer	M	83	-	36	2.9	-	3.7	-	-	-	-	-	-	-
	F	20	-	4	0.4	-	0.4	-	-	-	-	-	-	-
Lung cancer	M	1600	1	618	55.3	0.1	68.4	-	-	-	-	-	-	0.6
	F	1212	-	453	31.7	-	45.8	-	-	-	-	-	-	-
Malignant melanoma	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Female breast cancer	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cervix cancer	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other uterine cancer	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Ovarian cancer	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Prostate cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
Bladder cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and ill-defined cancer sites	M	4531	64	1543	155.6	5.8	167.3	3.7	2.6	2.5	5.2	4.8	7.8	13.9
	F	4897	56	1701	123.5	4.9	166.4	1.6	1.4	2.6	2.8	8.1	3.4	14.7
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and all lymphomas	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Leukaemia	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Diabetes	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL VASCULAR DISEASE	M	9085	37	2258	305.3	3.4	246.8	2.2	-	0.6	1.3	2.8	7.8	8.9
	F	11200	15	928	209.0	1.4	96.4	3.1	0.7	-	-	1.5	1.4	3.1
Rheumatic heart disease and fever	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Hypertensive disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Ischaemic heart disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other vascular disease, incl. venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Chronic obstructive pulmonary disease	M	1090	5	207	36.1	0.5	24.2	-	0.7	-	-	2.1	-	0.6
	F	1159	8	185	25.1	0.7	19.7	-	0.7	-	2.1	0.7	0.7	1.0
Other respiratory disease	M	1221	5	159	40.1	0.4	17.5	0.7	-	-	-	0.7	-	1.7
	F	2117	7	101	36.6	0.7	10.3	1.6	0.7	0.7	-	0.7	-	1.0
Peptic ulcer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Liver cirrhosis	M	333	4	263	12.4	0.3	25.0	-	-	-	-	0.7	-	1.7
	F	197	1	139	6.4	0.1	12.7	-	-	-	-	-	0.7	-
Renal disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pregnancy, birth Congenital and perinatal causes	F	...	...	...	...	...	...	...	...	...	...	...	...	...
	M	...	...	...	...	...	...	...	...	...	...	...	...	...
Ill-defined causes	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other medical causes	M	3589	258	851	125.0	25.4	88.4	82.0	2.6	4.4	13.7	27.7	26.8	20.5
	F	4044	151	656	88.6	15.5	63.3	67.2	4.1	3.3	7.0	8.8	6.9	11.5
ALL NON- MEDICAL CAUSES	M	1121	301	495	42.7	28.1	43.1	6.6	3.9	5.0	27.4	52.6	59.9	41.6
	F	762	79	176	18.7	7.6	15.1	5.5	-	2.0	13.2	13.3	10.3	8.9
Road traffic accidents	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Suicide	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Homicide	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
POPULATION:			M=male		2437.0	1069.8	1149.5	135.4	153.3	160.8	153.5	144.4	141.9	180.5
(1000s; 5 times year 2001)			F=female		2573.5	1043.0	1194.7	128.0	146.2	153.6	143.8	135.7	145.1	190.6

2000-04: SIMD 3904-5204

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			
109.6	163.3	253.7	412.8	746.6	1256.9	2025.8	3603.1	5821.2	14161.3	M	ALL CAUSES	001-999/A00-Y89
61.1	110.0	187.2	268.4	478.9	747.2	1219.3	2184.3	3969.2	11394.4	F		
...	...	...	...	...	...	...	...	...	...	M	Tuberculosis	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	HIV	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other infective and parasitic	
...	...	...	...	...	...	...	...	...	...	F		
16.9	32.9	78.3	148.4	295.6	504.4	777.0	1372.4	1754.5	3014.5	M	ALL CANCER	140-208/C00-C97
24.6	50.8	96.4	146.1	265.1	397.2	569.6	781.9	1146.7	1674.5	F		
0.5	0.5	2.8	5.3	8.7	13.5	14.7	29.0	39.4	46.8	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	0.6	0.5	2.6	3.0	5.7	9.1	12.8	21.2	F		
1.5	2.1	8.3	14.4	23.5	38.9	42.4	80.3	107.6	132.3	M	Oesophagus cancer	150/C15
-	0.5	1.1	3.2	8.4	12.7	22.9	33.8	46.8	77.2	F		
...	...	...	...	...	...	...	...	...	...	M	Stomach cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Colorectal cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pancreas cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
0.5	0.5	1.7	2.7	4.7	7.9	8.3	16.7	22.7	27.4	M	Larynx cancer	161/C32
-	-	-	-	0.6	0.7	1.6	2.7	4.3	6.8	F		
1.0	4.6	14.9	35.1	74.4	138.0	211.1	372.4	407.6	609.7	M	Lung cancer	162/C33, C34
1.9	6.9	15.4	26.5	49.3	97.2	123.6	186.1	249.7	242.2	F		
...	...	...	...	...	...	...	...	...	...	M	Malignant melanoma	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Female breast cancer	
...	...	...	...	...	...	...	...	...	...	F	Cervix cancer	
...	...	...	...	...	...	...	...	...	...	F	Other uterine cancer	
...	...	...	...	...	...	...	...	...	...	F	Ovarian cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Prostate cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Bladder cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
13.4	25.2	50.7	91.0	184.3	306.1	500.5	874.0	1177.3	2198.4	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
22.7	43.4	79.3	115.9	204.1	283.5	415.7	550.2	833.2	1327.0	F	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F	Myeloma and all lymphomas	
...	...	...	...	...	...	...	...	...	...	M	Leukaemia	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Diabetes	
...	...	...	...	...	...	...	...	...	...	F		
21.8	40.1	67.3	127.1	242.6	452.8	776.0	1427.0	2413.6	6317.7	M	ALL VASCULAR DISEASE	390-459/I00-199
6.6	15.3	27.0	36.5	81.0	165.3	342.9	801.1	1647.2	5926.6	F		
...	...	...	...	...	...	...	...	...	...	M	Rheumatic heart disease and fever	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Hypertensive disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Ischaemic heart disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Cerebrovascular disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other vascular disease, incl. venous	
1.0	1.5	3.3	5.3	17.4	42.0	98.6	181.7	369.7	759.7	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	-	3.3	9.5	11.7	39.6	73.6	146.9	276.3	412.6	F		
1.0	2.1	4.4	9.6	14.7	36.5	54.4	118.2	313.6	1200.0	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
2.4	2.5	2.8	4.2	9.1	13.5	37.6	84.9	194.5	1311.9	F		
...	...	...	...	...	...	...	...	...	...	M	Peptic ulcer	
...	...	...	...	...	...	...	...	...	...	F		
5.0	8.2	22.1	29.3	37.5	37.3	35.9	36.8	24.2	27.4	M	Liver cirrhosis	571/K70, K74
1.9	5.4	12.1	11.6	21.4	20.2	16.4	15.5	25.5	12.1	F		
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Pregnancy, birth	
...	...	...	...	...	...	...	...	...	...	M	Congenital and perinatal causes	
...	...	...	...	...	...	...	...	...	...	F	Ill-defined causes	
...	...	...	...	...	...	...	...	...	...	M		
16.4	29.8	40.8	56.4	95.8	141.2	238.7	402.5	850.0	2512.9	M	Other medical causes	Rest of 001-799/ rest of A00-R99
16.1	21.7	30.8	44.5	71.9	100.2	157.9	322.1	603.6	1753.2	F		
47.6	48.8	37.5	36.7	42.9	42.8	45.2	64.7	95.5	329.0	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
9.5	14.3	14.9	15.9	18.8	11.2	21.3	31.9	75.5	303.6	F	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Fire	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Suicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Homicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
201.7	194.7	181.3	188.0	149.2	126.1	108.5	89.7	66.0	62.0	M	POPULATION	
211.3	202.7	181.6	188.9	154.3	133.7	122.2	109.6	94.1	132.1	F	(1000s; 5 times year 2001)	

SIMD 3904-5204: 2000-04

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	679	69	1	4	64	5	5	37	4	258	301
35-69	Sm.	1514	814	537	136	141	137	26	388	-	149	-
	Total	6672 (23%)	2439 (33%)	618 (87%)	278 (49%)	1543 (9%)	207 (66%)	159 (16%)	2258 (17%)	263	851 (18%)	495
70+	Sm.	2961	1375	873	191	311	601	94	658	-	233	-
	Total	15854 (19%)	4258 (32%)	981 (89%)	353 (54%)	2924 (11%)	878 (68%)	1057 (9%)	6790 (10%)	66	2480 (9%)	325
Any age	Sm.	4475	2189	1410	327	452	738	120	1046	-	382	-
	Total	23205 (19%)	6766 (32%)	1600 (88%)	635 (51%)	4531 (10%)	1090 (68%)	1221 (10%)	9085 (12%)	333	3589 (11%)	1121

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; 5 times year 2001)													
2000-04	2437.0	1069.8	1149.5	201.7	194.7	181.3	188.0	149.2	126.1	108.5	89.7	66.0	62.0
NUMBER OF DEATHS													
All causes													
2000-04	23205	679	6672	221	318	460	776	1114	1585	2198	3232	3842	8780
Lung cancer													
2000-04	1600	1	618	2	9	27	66	111	174	229	334	269	378
ANNUAL DEATH RATE / 100,000													
All causes				(*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)									
2000-04	794.7*	64.4*	709.8*	109.6	163.3	253.7	412.8	746.6	1256.9	2025.8	3603.1	5821.2	14161.3
All cancer													
2000-04	233.0*	6.2*	264.8*	16.9	32.9	78.3	148.4	295.6	504.4	777.0	1372.4	1754.5	3014.5
Lung cancer													
2000-04	55.3*	0.1*	68.4*	1.0	4.6	14.9	35.1	74.4	138.0	211.1	372.4	407.6	609.7
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	22.2*	0.4*	29.0*	2.5	3.1	12.7	22.3	36.9	60.3	65.4	126.0	169.7	206.5
Other cancer													
2000-04	155.6*	5.8*	167.3*	13.4	25.2	50.7	91.0	184.3	306.1	500.5	874.0	1177.3	2198.4
Chronic obstructive pulmonary disease (COPD)													
2000-04	36.1*	0.5*	24.2*	1.0	1.5	3.3	5.3	17.4	42.0	98.6	181.7	369.7	759.7
Other respiratory disease													
2000-04	40.1*	0.4*	17.5*	1.0	2.1	4.4	9.6	14.7	36.5	54.4	118.2	313.6	1200.0
Vascular disease													
2000-04	305.3*	3.4*	246.8*	21.8	40.1	67.3	127.1	242.6	452.8	776.0	1427.0	2413.6	6317.7
Liver cirrhosis													
2000-04	12.4*	0.3*	25.0*	5.0	8.2	22.1	29.3	37.5	37.3	35.9	36.8	24.2	27.4
Other medical causes													
2000-04	125.0*	25.4*	88.4*	16.4	29.8	40.8	56.4	95.8	141.2	238.7	402.5	850.0	2512.9
All non-medical causes													
2000-04	42.7*	28.1*	43.1*	47.6	48.8	37.5	36.7	42.9	42.8	45.2	64.7	95.5	329.0

2000-04: SIMD 3904-5204

Female smoking-attributed deaths (Sm.) and total deaths (Total)

2000-04		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
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	319	58	0	2	56	8	7	15	1	151	79
35-69	Sm.	951	459	360	44	55	129	22	204	-	137	-
	Total	4427	2242	453	88	1701	185	101	928	139	656	176
		(21%)	(20%)	(79%)	(50%)	(3%)	(70%)	(22%)	(22%)		(21%)	
70+	Sm.	3515	965	653	153	159	753	225	1189	-	383	-
	Total	21181	4148	759	249	3140	966	2009	10257	57	3237	507
		(17%)	(23%)	(86%)	(61%)	(5%)	(78%)	(11%)	(12%)		(12%)	
Any age	Sm.	4466	1424	1013	197	214	882	247	1393	-	520	-
	Total	25927	6448	1212	339	4897	1159	2117	11200	197	4044	762
		(17%)	(22%)	(84%)	(58%)	(4%)	(76%)	(12%)	(12%)		(13%)	

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; 5 times year 2001)													
2000-04	2573.5	1043.0	1194.7	211.3	202.7	181.6	188.9	154.3	133.7	122.2	109.6	94.1	132.1
NUMBER OF DEATHS													
All causes													
2000-04	25927	319	4427	129	223	340	507	739	999	1490	2394	3735	15052
Lung cancer													
2000-04	1212	-	453	4	14	28	50	76	130	151	204	235	320
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	547.6*	31.2*	438.9*	61.1	110.0	187.2	268.4	478.9	747.2	1219.3	2184.3	3969.2	11394.4
All cancer													
2000-04	163.2*	5.1*	221.4*	24.6	50.8	96.4	146.1	265.1	397.2	569.6	781.9	1146.7	1674.5
Lung cancer													
2000-04	31.7*	-	45.8*	1.9	6.9	15.4	26.5	49.3	97.2	123.6	186.1	249.7	242.2
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	8.0*	0.2*	9.2*	-	0.5	1.7	3.7	11.7	16.5	30.3	45.6	63.8	105.2
Other cancer													
2000-04	123.5*	4.9*	166.4*	22.7	43.4	79.3	115.9	204.1	283.5	415.7	550.2	833.2	1327.0
Chronic obstructive pulmonary disease (COPD)													
2000-04	25.1*	0.7*	19.7*	-	-	3.3	9.5	11.7	39.6	73.6	146.9	276.3	412.6
Other respiratory disease													
2000-04	36.6*	0.7*	10.3*	2.4	2.5	2.8	4.2	9.1	13.5	37.6	84.9	194.5	1311.9
Vascular disease													
2000-04	209.0*	1.4*	96.4*	6.6	15.3	27.0	36.5	81.0	165.3	342.9	801.1	1647.2	5926.6
Liver cirrhosis													
2000-04	6.4*	0.1*	12.7*	1.9	5.4	12.1	11.6	21.4	20.2	16.4	15.5	25.5	12.1
Other medical causes													
2000-04	88.6*	15.5*	63.3*	16.1	21.7	30.8	44.5	71.9	100.2	157.9	322.1	603.6	1753.2
All non-medical causes													
2000-04	18.7*	7.6*	15.1*	9.5	14.3	14.9	15.9	18.8	11.2	21.3	31.9	75.5	303.6

SIMD 3904-5204: 2000-04

Relative importance of deaths in MIDDLE age (35–69) in the years 2000–04

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	- / 0.7	- / 0.3	-
35–69	1.5 / 6.7	1.0 / 4.4	22 years
70+	3.0 / 16	3.5 / 21	8 years
All ages	4.5 / 23	4.5 / 26	12 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2000–04

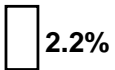
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	-/0.0	0.5/0.6	0.9/1.0	1.4/1.6	-/0.0	0.4/0.5	0.7/0.8	1.0/1.2
All Cancer	-/0.1	0.8/2.4 (33%)	1.4/4.3 (32%)	2.2/6.8	-/0.1	0.5/2.2 (20%)	1.0/4.1 (23%)	1.4/6.4
Vascular	-/0.0	0.4/2.3	0.7/6.8	1.0/9.1	-/0.0	0.2/0.9	1.2/10	1.4/11
Respiratory	-/0.0	0.2/0.4	0.7/1.9	0.9/2.3	-/0.0	0.2/0.3	1.0/3.0	1.1/3.3
All Other	-/0.6	0.1/1.6	0.2/2.9	0.4/5.0	-/0.2	0.1/1.0	0.4/3.8	0.5/5.0
All Causes	-/0.7	1.5/6.7 (23%)	3.0/16 (19%)	4.5/23	-/0.3	1.0/4.4 (21%)	3.5/21 (17%)	4.5/26

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the years 2000–04

Cause	Male	Female	Male + Female
All Cancer	2.2 / 6.8 (32%)	1.4 / 6.4 (22%)	3.6 / 13 (27%)
All Causes	4.5 / 23 (19%)	4.5 / 26 (17%)	8.9 / 49 (18%)

2000-04: SIMD 3904-5204

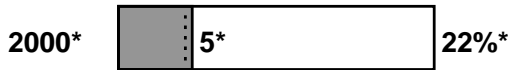
Population risk of dying at ages 0–34



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

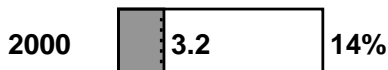
*eg, at years 2000–04 male death rates, out of 100 men aged 35, 22 would die before age 70 (with 5 of these deaths attributed to smoking)

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



2000-04: SIMD 5205-6505

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			
86.2	116.9	181.7	288.6	592.3	982.0	1616.6	3022.4	5409.1	12992.6	M	ALL CAUSES	001-999/A00-Y89
43.7	69.7	135.7	221.9	417.8	633.2	1022.3	1749.0	3332.9	10344.1	F		
...	...	...	...	...	...	...	...	...	...	M	Tuberculosis	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	HIV	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other infective and parasitic	
...	...	...	...	...	...	...	...	...	...	F		
15.8	30.2	55.7	112.6	255.5	460.5	681.5	1179.1	1776.2	2799.3	M	ALL CANCER	140-208/C00-C97
19.8	38.1	75.0	141.0	256.2	353.4	517.0	721.8	1007.3	1559.0	F		
0.5	0.5	1.6	3.1	8.3	12.9	12.2	21.1	28.0	33.1	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	1.0	0.5	2.0	4.0	4.5	7.1	9.7	17.8	F		
1.0	1.9	4.2	8.7	24.1	35.2	34.5	58.5	80.4	93.9	M	Oesophagus cancer	150/C15
-	-	3.1	2.5	6.7	13.4	17.0	25.2	37.7	68.0	F		
...	...	...	...	...	...	...	...	...	...	M	Stomach cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Colorectal cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pancreas cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
0.5	0.5	1.0	2.0	4.8	6.9	7.1	12.4	15.7	18.4	M	Larynx cancer	161/C32
-	-	0.5	-	0.7	0.8	1.8	2.0	2.4	5.1	F		
-	3.4	10.4	13.3	51.0	91.8	154.2	296.0	414.3	480.7	M	Lung cancer	162/C33, C34
-	1.8	7.7	17.3	36.2	69.6	83.0	160.3	226.0	196.3	F		
...	...	...	...	...	...	...	...	...	...	M	Malignant melanoma	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Female breast cancer	
...	...	...	...	...	...	...	...	...	...	F	Cervix cancer	
...	...	...	...	...	...	...	...	...	...	F	Other uterine cancer	
...	...	...	...	...	...	...	...	...	...	F	Ovarian cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Prostate cancer	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Bladder cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
13.9	24.0	38.5	85.5	167.4	313.9	473.6	791.0	1237.8	2173.1	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
19.8	36.2	62.7	120.6	210.6	265.6	410.7	527.2	731.5	1271.9	F		
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Myeloma and all lymphomas	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Leukaemia	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Diabetes	
...	...	...	...	...	...	...	...	...	...	F		
23.0	34.0	70.3	119.8	243.1	370.5	669.4	1260.0	2456.3	6116.0	M	ALL VASCULAR DISEASE	390-459/I00-199
6.8	9.6	21.6	28.5	75.1	162.1	314.3	654.2	1450.8	5726.4	F		
...	...	...	...	...	...	...	...	...	...	M	Rheumatic heart disease and fever	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Hypertensive disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Ischaemic heart disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Cerebrovascular disease	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other vascular disease, incl. venous	
...	...	...	...	...	...	...	...	...	...	F		
-	-	1.6	4.6	11.0	24.9	60.9	111.9	253.5	622.5	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	-	0.5	3.1	7.4	15.8	43.8	88.7	176.2	318.6	F		
1.0	1.0	2.1	5.1	19.3	21.4	59.8	111.9	262.2	1151.0	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
-	2.3	1.5	1.0	12.1	14.2	26.8	73.6	175.0	1204.8	F		
...	...	...	...	...	...	...	...	...	...	M	Peptic ulcer	
...	...	...	...	...	...	...	...	...	...	F		
5.3	5.3	10.4	19.4	34.4	24.9	27.4	42.3	26.2	23.9	M	Liver cirrhosis	571/K70, K74
2.3	1.4	9.2	12.2	21.5	12.6	22.3	18.1	14.6	12.7	F		
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	F	Pregnancy, birth	
...	...	...	...	...	...	...	...	...	...	M	Congenital and perinatal causes	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Ill-defined causes	
...	...	...	...	...	...	...	...	...	...	F		
12.9	13.9	12.0	2.6	3.4	37.7	81.1	266.2	533.2	2040.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
6.3	11.9	18.0	20.4	33.5	59.3	78.6	161.3	437.4	1184.4	F		
28.2	32.6	29.7	24.6	25.5	42.0	36.5	51.0	101.4	239.4	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
8.6	6.4	9.8	15.8	12.1	15.8	19.6	31.3	71.7	338.1	F		
...	...	...	...	...	...	...	...	...	...	M	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Fire	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Suicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Homicide	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
208.9	208.7	192.1	195.4	145.2	116.6	98.6	80.4	57.2	54.3	M	POPULATION	
222.0	218.0	194.6	196.5	149.1	126.5	112.0	99.2	82.3	117.7	F	(1000s; 5 times year 2001)	

SIMD 5205-6505: 2000-04

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	488	51	1	3	47	1	8	25	4	206	193
35-69	Sm.	776	467	308	79	80	65	14	208	-	22	-
	Total	4936 (16%)	2003 (23%)	386 (80%)	221 (36%)	1396 (6%)	117 (56%)	130 (11%)	1933 (11%)	186	213 (10%)	354
70+	Sm.	2158	1023	650	118	255	389	76	526	-	144	-
	Total	12579 (17%)	3484 (29%)	736 (88%)	224 (53%)	2524 (10%)	573 (68%)	865 (9%)	5739 (9%)	62	1627 (9%)	229
Any age	Sm.	2934	1490	958	197	335	454	90	734	-	166	-
	Total	18003 (16%)	5538 (27%)	1123 (85%)	448 (44%)	3967 (8%)	691 (66%)	1003 (9%)	7697 (10%)	252	2046 (8%)	776

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; 5 times year 2001)													
2000-04	2497.0	1139.6	1165.5	208.9	208.7	192.1	195.4	145.2	116.6	98.6	80.4	57.2	54.3
NUMBER OF DEATHS													
All causes													
2000-04	18003	488	4936	180	244	349	564	860	1145	1594	2430	3094	7055
Lung cancer													
2000-04	1123	1	386	-	7	20	26	74	107	152	238	237	261
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	677.5*	43.7*	552.0*	86.2	116.9	181.7	288.6	592.3	982.0	1616.6	3022.4	5409.1	12992.6
All cancer													
2000-04	209.7*	4.4*	230.3*	15.8	30.2	55.7	112.6	255.5	460.5	681.5	1179.1	1776.2	2799.3
Lung cancer													
2000-04	42.5*	0.1*	46.3*	-	3.4	10.4	13.3	51.0	91.8	154.2	296.0	414.3	480.7
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	17.2*	0.3*	24.5*	1.9	2.9	6.8	13.8	37.2	54.9	53.8	92.0	124.1	145.5
Other cancer													
2000-04	150.0*	4.1*	159.5*	13.9	24.0	38.5	85.5	167.4	313.9	473.6	791.0	1237.8	2173.1
Chronic obstructive pulmonary disease (COPD)													
2000-04	25.7*	0.1*	14.7*	-	-	1.6	4.6	11.0	24.9	60.9	111.9	253.5	622.5
Other respiratory disease													
2000-04	37.2*	0.7*	15.7*	1.0	1.0	2.1	5.1	19.3	21.4	59.8	111.9	262.2	1151.0
Vascular disease													
2000-04	287.5*	2.1*	218.6*	23.0	34.0	70.3	119.8	243.1	370.5	669.4	1260.0	2456.3	6116.0
Liver cirrhosis													
2000-04	9.7*	0.3*	18.2*	5.3	5.3	10.4	19.4	34.4	24.9	27.4	42.3	26.2	23.9
Other medical causes													
2000-04	78.0*	19.3*	23.4*	12.9	13.9	12.0	2.6	3.4	37.7	81.1	266.2	533.2	2040.5
All non-medical causes													
2000-04	29.8*	16.8*	31.3*	28.2	32.6	29.7	24.6	25.5	42.0	36.5	51.0	101.4	239.4

2000-04: SIMD 5205-6505

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
2000-04												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	299	67	1	0	66	2	6	18	1	157	48
35-69	Sm.	477	258	197	30	31	50	10	116	-	43	-
	Total	3518	1958	288	78	1592	87	76	803	123	328	143
		(14%)	(13%)	(68%)	(38%)	(2%)	(57%)	(13%)	(14%)		(13%)	
70+	Sm.	2416	709	486	106	117	460	165	884	-	198	-
	Total	16653	3380	576	182	2622	608	1635	8583	45	1914	488
		(15%)	(21%)	(84%)	(58%)	(4%)	(76%)	(10%)	(10%)		(10%)	
Any age	Sm.	2893	967	683	136	148	510	175	1000	-	241	-
	Total	20470	5405	865	260	4280	697	1717	9404	169	2399	679
		(14%)	(18%)	(79%)	(52%)	(3%)	(73%)	(10%)	(11%)		(10%)	

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; 5 times year 2001)													
2000-04	2618.7	1100.8	1218.7	222.0	218.0	194.6	196.5	149.1	126.5	112.0	99.2	82.3	117.7
NUMBER OF DEATHS													
All causes													
2000-04	20470	299	3518	97	152	264	436	623	801	1145	1735	2743	12175
Lung cancer													
2000-04	865	1	288	-	4	15	34	54	88	93	159	186	231
ANNUAL DEATH RATE / 100,000													
All causes													
2000-04	470.9*	27.6*	363.5*	43.7	69.7	135.7	221.9	417.8	633.2	1022.3	1749.0	3332.9	10344.1
All cancer													
2000-04	148.6*	5.6*	200.1*	19.8	38.1	75.0	141.0	256.2	353.4	517.0	721.8	1007.3	1559.0
Lung cancer													
2000-04	24.2*	0.1*	30.8*	-	1.8	7.7	17.3	36.2	69.6	83.0	160.3	226.0	196.3
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
2000-04	6.8*	-	8.4*	-	-	4.6	3.1	9.4	18.2	23.2	34.3	49.8	90.9
Other cancer													
2000-04	117.7*	5.5*	160.9*	19.8	36.2	62.7	120.6	210.6	265.6	410.7	527.2	731.5	1271.9
Chronic obstructive pulmonary disease (COPD)													
2000-04	15.9*	0.2*	10.1*	-	-	0.5	3.1	7.4	15.8	43.8	88.7	176.2	318.6
Other respiratory disease													
2000-04	32.9*	0.6*	8.3*	-	2.3	1.5	1.0	12.1	14.2	26.8	73.6	175.0	1204.8
Vascular disease													
2000-04	193.8*	1.6*	88.3*	6.8	9.6	21.6	28.5	75.1	162.1	314.3	654.2	1450.8	5726.4
Liver cirrhosis													
2000-04	5.7*	0.1*	11.6*	2.3	1.4	9.2	12.2	21.5	12.6	22.3	18.1	14.6	12.7
Other medical causes													
2000-04	57.5*	15.3*	32.6*	6.3	11.9	18.0	20.4	33.5	59.3	78.6	161.3	437.4	1184.4
All non-medical causes													
2000-04	16.4*	4.2*	12.6*	8.6	6.4	9.8	15.8	12.1	15.8	19.6	31.3	71.7	338.1

SIMD 5205-6505: 2000-04

Relative importance of deaths in MIDDLE age (35–69) in the years 2000–04

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 0.5	– / 0.3	–
35–69	0.8 / 4.9	0.5 / 3.5	22 years
70+	2.2 / 13	2.4 / 17	8 years
All ages	2.9 / 18	2.9 / 20	11 years

Deaths, by cause, attributed to SMOKING / total deaths in the years 2000–04

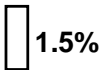
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/ 1	308/386	650/736	958/1123	–/ 1	197/288	486/576	683/865
All Cancer	–/51	467/2003 (23%)	1023/3484 (29%)	1490/5538	–/67	258/1958 (13%)	709/3380 (21%)	967/5405
Vascular	–/25	208/1933	526/5739	734/7697	–/18	116/803	884/8583	1000/9404
Respiratory	–/ 9	79/247	465/1438	544/1694	–/ 8	60/163	625/2243	685/2414
All Other	–/403	22/753	144/1918	166/3074	–/206	43/594	198/2447	241/3247
All Causes	–/488	776/4936 (16%)	2158/12579 (17%)	2934/18003	–/299	477/3518 (14%)	2416/16653 (15%)	2893/20470

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the years 2000–04

Cause	Male	Female	Male + Female
All Cancer	1.5 / 5.5 (27%)	1.0 / 5.4 (18%)	2.5 / 11 (22%)
All Causes	2.9 / 18 (16%)	2.9 / 20 (14%)	5.8 / 38 (15%)

2000-04: SIMD 5205-6505

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 years 2000–04 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 3 of these deaths attributed to smoking)

MALE

2000*



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

2000

