

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

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**The Former Yugoslav Republic of
MACEDONIA**

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MACEDONIA, The Former Yugoslav Republic of: 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	...	...	...	...	...	...	...	...	...	...	...
35-69	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
70+	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
Any age	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
2000												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	540	31	2	1	28	2	20	36	2	275	174
35-69	Sm.	1255	495	331	62	102	48	14	493	-	205	-
	Total	4006 (31%)	1105 (45%)	358 (92%)	96 (65%)	651 (16%)	62 (77%)	48 (29%)	1757 (28%)	80	686 (30%)	268
70+	Sm.	546	169	115	19	35	92	6	225	-	54	-
	Total	4781 (11%)	621 (27%)	135 (85%)	40 (48%)	446 (8%)	156 (59%)	79 (8%)	3087 (7%)	18	730 (7%)	90
Any age	Sm.	1801	664	446	81	137	140	20	718	-	259	-
	Total	9327 (19%)	1757 (38%)	495 (90%)	137 (59%)	1125 (12%)	220 (64%)	147 (14%)	4880 (15%)	100	1691 (15%)	532

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	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	1004.3	553.5	399.0	74.7	73.8	69.4	54.6	46.6	42.6	37.3	25.8	16.4	9.6
NUMBER OF DEATHS (Source: WHO)													
All causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	9327	540	4006	126	212	329	503	585	916	1335	1406	1503	1872
Lung cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	495	2	358	1	18	30	54	60	90	105	72	45	18
ANNUAL DEATH RATE / 100,000 (*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)													
All causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	1246.1*	103.2*	1262.3*	168.7	287.3	474.1	921.2	1255.4	2150.2	3579.1	5449.6	9164.6	19500.0
All cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	214.1*	5.6*	349.6*	29.5	66.4	136.9	258.2	373.4	633.8	949.1	1015.5	1439.0	1281.3
Lung cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	59.1*	0.4*	112.8*	1.3	24.4	43.2	98.9	128.8	211.3	281.5	279.1	274.4	187.5
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	16.5*	0.2*	29.2*	5.4	5.4	20.2	20.1	32.2	51.6	69.7	54.3	109.8	83.3
Other cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	138.5*	5.1*	207.6*	22.8	36.6	73.5	139.2	212.4	370.9	597.9	682.2	1054.9	1010.4
Chronic obstructive pulmonary disease (COPD)													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	30.9*	0.4*	21.7*	1.3	1.4	2.9	5.5	12.9	23.5	104.6	193.8	292.7	604.2
Other respiratory disease													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	19.0*	3.9*	14.8*	6.7	2.7	8.6	5.5	4.3	32.9	42.9	104.7	164.6	260.4
Vascular disease													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	689.0*	6.6*	573.3*	30.8	71.8	152.7	370.0	568.7	1065.7	1753.4	3209.3	5823.2	13583.3
Liver cirrhosis													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	11.5*	0.4*	22.5*	2.7	9.5	25.9	25.6	27.9	28.2	37.5	38.8	36.6	20.8
Other medical causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	224.8*	55.4*	212.4*	32.1	59.6	90.8	192.3	214.6	288.7	608.6	755.8	1213.4	3500.0
All non-medical causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	56.8*	31.0*	68.0*	65.6	75.9	56.2	64.1	53.6	77.5	83.1	131.8	195.1	250.0

2000: The Former Yugoslav Republic of MACEDONIA
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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
1995												
0-34	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
35-69	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
70+	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
Any age	Sm.	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	...	...	...
2000												
0-34	Sm.	-	-	-	-	-	-	-	-	-	-	-
	Total	329	41	2	1	38	2	12	28	1	199	46
35-69	Sm.	139	43	32	5	6	8	0	63	-	25	-
	Total	2519 (6%)	738 (6%)	63 (51%)	18 (28%)	657 (1%)	34 (24%)	33 (0%)	1194 (5%)	21	421 (6%)	78
70+	Sm.	103	17	14	1	2	15	1	57	-	13	-
	Total	5078 (2%)	429 (4%)	39 (36%)	10 (10%)	380 (1%)	119 (13%)	55 (2%)	3568 (2%)	10	825 (2%)	72
Any age	Sm.	242	60	46	6	8	23	1	120	-	38	-
	Total	7926 (3%)	1208 (5%)	104 (44%)	29 (21%)	1075 (1%)	155 (15%)	100 (1%)	4790 (3%)	32	1445 (3%)	196

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	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	1005.2	526.5	409.5	73.2	71.2	68.8	56.9	49.6	46.8	43.0	32.3	22.6	14.3
NUMBER OF DEATHS (Source: WHO)													
All causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	7926	329	2519	69	119	200	254	327	587	963	1319	1527	2232
Lung cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	104	2	63	7	6	7	8	10	11	14	23	7	9
ANNUAL DEATH RATE / 100,000													
				(*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)									
All causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	868.1*	68.7*	735.9*	94.3	167.1	290.7	446.4	659.3	1254.3	2239.5	4083.6	6756.6	15608.4
All cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	126.3*	7.8*	204.0*	47.8	75.8	130.8	179.3	260.1	324.8	409.3	591.3	623.9	678.3
Lung cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	10.8*	0.4*	16.9*	9.6	8.4	10.2	14.1	20.2	23.5	32.6	71.2	31.0	62.9
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	3.1*	0.2*	4.8*	2.7	-	5.8	3.5	4.0	10.7	7.0	9.3	13.3	28.0
Other cancer													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	112.3*	7.2*	182.2*	35.5	67.4	114.8	161.7	235.9	290.6	369.8	510.8	579.6	587.4
Chronic obstructive pulmonary disease (COPD)													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	17.4*	0.4*	10.5*	-	1.4	1.5	1.8	8.1	23.5	37.2	96.0	119.5	426.6
Other respiratory disease													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	11.0*	2.5*	9.8*	1.4	2.8	1.5	5.3	10.1	12.8	34.9	40.2	70.8	181.8
Vascular disease													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	527.6*	5.3*	361.8*	16.4	39.3	88.7	175.7	260.1	647.4	1304.7	2693.5	4800.9	11279.7
Liver cirrhosis													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	3.3*	0.2*	6.3*	-	1.4	1.5	5.3	2.0	8.5	25.6	12.4	13.3	21.0
Other medical causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	161.7*	43.7*	122.9*	19.1	26.7	52.3	66.8	100.8	215.8	379.1	597.5	1048.7	2762.2
All non-medical causes													
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	20.8*	8.7*	20.6*	9.6	19.7	14.5	12.3	18.1	21.4	48.8	52.6	79.6	258.7

MACEDONIA, The Former Yugoslav Republic of: 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	– / 0.5	– / 0.3	–
35–69	1.3 / 4.0	0.1 / 2.5	20 years
70+	0.5 / 4.8	0.1 / 5.1	9 years
All ages	1.8 / 9.3	0.2 / 7.9	17 years

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

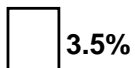
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/ 2	331/358	115/135	446/495	–/ 2	32/63	14/39	46/104
All Cancer	–/31	495/1105 (45%)	169/621 (27%)	664/1757	–/41	43/738 (6%)	17/429 (4%)	60/1208
Vascular	–/36	493/1757	225/3087	718/4880	–/28	63/1194	57/3568	120/4790
Respiratory	–/22	62/110	98/235	160/367	–/14	8/67	16/174	24/255
All Other	–/451	205/1034	54/838	259/2323	–/246	25/520	13/907	38/1673
All Causes	–/540	1255/4006 (31%)	546/4781 (11%)	1801/9327	–/329	139/2519 (6%)	103/5078 (2%)	242/7926

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

Cause	Male	Female	Male + Female
All Cancer	0.7 / 1.8 (38%)	0.1 / 1.2 (5%)	0.7 / 3.0 (24%)
All Causes	1.8 / 9.3 (19%)	0.2 / 7.9 (3%)	2.0 / 17 (12%)

2000: The Former Yugoslav Republic of MACEDONIA

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, 36 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

