

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

(2nd edition, revised June 2006:  
[www.deathsfromsmoking.net](http://www.deathsfromsmoking.net))

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

**SERBIA AND MONTENEGRO**

**Raw data** (pages 422–23, 424–25)

**Analyses** (pages 426–27)

**SERBIA and MONTENEGRO: 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	61656	2883	28251	1281.3	113.3	1496.4	356.6	27.4	27.3	58.5	98.7	102.9	121.7	
ALL CAUSES	F	56422	1650	16986	932.3	70.7	810.7	269.3	17.2	20.5	28.2	40.7	43.7	75.1	
Tuberculosis	M	273	3	180	5.4	0.1	9.2	-	-	-	-	-	0.3	0.5	
	F	109	10	45	1.7	0.4	2.1	-	0.3	-	0.5	0.5	0.5	0.8	
HIV	M	32	5	27	0.6	0.2	1.2	0.6	-	-	-	0.2	0.3	0.3	
	F	11	8	3	0.2	0.3	0.1	-	0.3	-	-	-	0.3	1.7	
Other infective and parasitic	M	223	92	91	4.8	3.9	4.7	22.9	1.1	0.5	0.5	1.0	1.0	0.3	
	F	179	78	64	3.6	3.5	3.0	18.7	1.2	1.1	1.0	0.8	0.3	1.4	
ALL CANCER	M	11481	210	7141	223.4	7.8	378.7	4.6	3.6	6.5	4.7	9.7	8.4	17.0	
	F	8475	179	4837	139.2	7.1	226.8	3.6	1.8	2.1	2.3	7.0	8.4	24.5	
Mouth and pharynx cancer	M	386	5	291	7.7	0.2	15.1	-	-	0.2	-	0.2	-	0.8	
	F	80	-	38	1.3	-	1.8	-	-	-	-	-	-	-	
Oesophagus cancer	M	218	-	155	4.2	-	8.3	-	-	-	-	-	-	-	
	F	53	1	29	0.9	0.0	1.4	-	-	-	-	-	0.3	-	
Stomach cancer	M	904	9	523	17.5	0.3	27.6	-	-	0.2	0.2	0.2	0.3	1.4	
	F	520	4	260	8.2	0.2	12.4	-	-	-	-	-	0.3	0.8	
Colorectal cancer	M	1276	11	700	24.7	0.4	37.6	-	-	-	-	0.5	1.0	1.4	
	F	921	9	421	14.5	0.4	20.1	-	-	-	-	0.8	0.3	1.4	
Liver cancer	M	545	2	314	10.6	0.1	17.0	-	-	-	0.2	-	-	0.3	
	F	372	5	187	5.8	0.2	9.0	0.7	-	-	-	-	-	0.8	
Pancreas cancer	M	481	1	314	9.5	0.0	16.9	-	-	-	-	-	-	0.3	
	F	378	2	196	6.0	0.1	9.5	-	-	-	-	-	0.3	0.3	
Larynx cancer	M	472	1	346	9.2	0.0	18.3	-	-	-	-	-	-	0.3	
	F	42	-	23	0.7	-	1.1	-	-	-	-	-	-	-	
Lung cancer	M	3586	11	2497	68.9	0.4	131.8	-	-	0.2	-	-	0.5	2.2	
	F	972	8	626	16.0	0.3	29.4	-	-	-	-	0.3	-	2.0	
Malignant melanoma	M	115	4	83	2.3	0.2	4.0	-	-	-	-	-	0.3	0.8	
	F	84	8	47	1.4	0.3	2.1	-	-	-	-	0.5	0.5	1.1	
Female breast cancer	F	1600	15	1091	27.7	0.6	50.3	-	-	-	-	0.3	-	3.9	
Cervix cancer	M	496	20	333	8.5	0.8	15.0	-	-	-	-	0.3	0.5	4.8	
Other uterine cancer	F	335	6	191	5.5	0.2	9.0	-	-	-	-	0.5	0.5	0.6	
Ovarian cancer	M	341	9	244	5.8	0.4	11.4	-	-	0.3	-	0.5	0.3	1.4	
Prostate cancer	M	646	-	221	13.2	-	12.5	-	-	-	-	-	-	-	
Bladder cancer	M	386	1	192	7.6	0.0	10.7	0.3	-	-	-	-	-	-	
	F	141	-	46	2.2	-	2.2	-	-	-	-	-	-	-	
Other and ill-defined cancer sites	M	1936	103	1205	38.0	3.8	63.2	3.7	1.1	3.5	1.9	5.6	4.1	7.0	
	F	1736	51	884	28.0	2.0	41.8	2.3	0.9	1.1	1.5	2.1	1.9	4.5	
Hodgkin's disease	M	43	7	28	0.9	0.2	1.4	-	-	-	0.2	0.7	0.5	0.3	
	F	18	6	7	0.3	0.2	0.3	-	-	-	-	-	1.1	0.6	
Myeloma and non-Hodgkin lymphomas	M	201	14	125	3.8	0.5	6.5	-	0.8	0.5	0.2	1.0	0.5	0.5	
	F	165	9	99	2.7	0.3	4.7	-	-	0.5	0.3	0.5	0.8	0.3	
Leukaemia	M	286	41	147	5.5	1.5	7.6	0.6	1.7	1.7	1.9	1.5	1.3	1.9	
	F	221	26	115	3.7	1.0	5.4	0.7	0.9	0.3	0.5	1.3	1.6	2.0	
Diabetes	M	1240	9	645	24.5	0.3	35.1	0.3	-	-	0.5	0.8	0.8	0.8	
	F	1666	21	589	25.2	0.8	28.8	-	-	0.3	0.8	1.3	1.4	2.0	
ALL VASCULAR DISEASE	M	31567	176	12510	673.5	6.5	677.0	4.0	0.8	2.0	4.3	8.5	10.7	15.4	
	F	34420	116	7954	562.1	4.6	384.5	3.3	0.9	3.5	2.5	3.4	6.5	12.1	
Rheumatic heart disease and fever	M	96	4	50	1.9	0.1	2.6	-	-	-	0.5	-	0.5	-	
	F	117	6	56	2.0	0.2	2.7	-	-	0.5	-	-	-	1.1	
Hypertensive disease	M	619	2	257	13.0	0.1	13.8	-	-	-	-	0.2	-	0.3	
	F	890	-	215	14.3	-	10.3	-	-	-	-	-	-	-	
Ischaemic heart disease	M	7763	52	4271	157.9	1.9	226.5	-	-	-	0.9	1.0	4.3	7.3	
	F	5613	13	1846	89.5	0.5	89.2	-	-	-	0.3	-	1.6	1.7	
Pulmonary embolism and other venous disease	M	231	4	129	4.6	0.2	6.9	-	-	-	-	-	0.3	0.8	
	F	285	4	130	4.7	0.2	6.1	-	-	-	-	0.3	0.3	0.6	
Cerebrovascular disease	M	8616	42	3442	178.2	1.5	188.4	0.6	0.3	1.0	0.9	2.7	2.3	3.0	
	F	10644	39	2938	167.2	1.6	141.7	1.6	0.6	0.8	0.5	1.3	2.4	3.7	
Other vascular disease	M	14242	72	4361	317.9	2.7	238.8	3.4	0.6	1.0	1.9	4.6	3.3	4.1	
	F	16871	54	2769	284.5	2.1	134.5	1.6	0.3	2.1	1.8	1.8	2.2	5.1	
Chronic obstructive pulmonary disease	M	1931	8	751	38.9	0.3	42.1	0.3	0.3	0.5	-	0.5	0.5	-	
	F	1058	7	307	17.0	0.3	14.9	-	-	0.5	0.8	0.3	0.3	0.3	
Other respiratory disease	M	1260	137	463	26.7	5.6	24.8	26.3	4.7	1.2	2.4	2.9	0.8	1.1	
	F	1066	116	253	18.3	5.2	12.2	28.6	3.0	0.8	2.0	0.3	0.8	1.1	
Peptic ulcer	M	362	6	174	7.2	0.2	9.4	-	-	0.2	0.2	0.5	0.3	0.3	
	F	210	1	73	3.2	0.0	3.5	-	-	-	-	0.3	-	-	
Liver cirrhosis & other liver disease	M	777	11	587	15.2	0.4	30.1	-	-	-	0.2	0.2	1.3	1.1	
	F	250	2	159	4.0	0.1	7.6	-	-	-	-	-	0.3	0.3	
Renal disease	M	806	17	401	16.2	0.6	21.5	0.3	0.6	-	-	0.5	1.3	1.9	
	F	811	15	352	12.7	0.6	16.9	0.3	-	0.3	0.5	0.8	1.1	1.1	
Pregnancy, birth and congenital and perinatal causes	F	7	3	4	0.1	0.1	0.2	-	-	-	-	0.5	0.3	-	
Ill-defined causes	M	810	797	11	19.7	34.7	0.5	240.1	1.7	0.5	0.2	-	0.3	0.3	
	F	557	544	11	14.4	25.4	0.5	173.6	1.2	0.5	0.8	1.0	0.5	0.3	
III-defined causes	M	5322	417	2327	115.6	16.0	118.9	33.6	4.4	4.2	6.9	16.3	22.7	24.1	
	F	4700	207	1094	82.1	8.6	51.7	25.6	2.1	4.0	3.8	6.7	8.1	10.1	
Other medical causes	M	2171	151	1088	43.8	5.8	55.5	12.5	1.9	2.7	5.9	4.4	6.9	5.9	
	F	1660	110	658	26.7	4.5	31.1	7.9	2.7	2.9	3.8	3.9	4.6	5.3	
ALL NON-MEDICAL CAUSES	M	3401	844	1855	65.9	30.7	87.7	11.0	8.3	8.9	33.2	53.6	47.5	52.7	
	F	1243	233	583	21.5	9.1	26.9	7.6	3.9	5.1	9.7	13.5	10.3	14.1	
Road traffic accidents	M	670	239	357	12.7	8.7	16.2	2.7	4.2	2.5	7.1	19.9	12.8	11.6	
	F	179	79	81	3.3	1.0	5.1	2.3	3.0	1.9	4.3	4.2	3.0	3.1	
Fire	M	50	10	26	1.0	0.4	1.2	0.9	0.3	-	0.2	0.2	0.3	0.8	
	F	30	4	12	0.5	0.2	0.6	1.0	-	-	-	-	-	0.3	
Suicide	M	1176	214	640	23.0	7.7	30.9	-	-	1.2	8.1	15.3	13.0	16.5	
	F	521	67	282	8.9	2.6	13.1	-	-	1.3	2.8	3.9	3.5	6.5	
Homicide	M	184	71	96	3.5	2.6	4.2	-	-	-	2.6	3.9	6.6	4.9	
	F	57	13	31	1.0	0.5	1.4	-	-	0.3	0.3	1.3	0.5	1.1	
<b>POPULATION:</b> (1000s; UN, 2004 revision)	<b>M=male</b>	5244.1	2686.5	2208.2	327.3	360.8	402.4	422.0	412.3	391.8	369.9				
	<b>F=female</b>	5301.0	2518.8	2283.3	304.1	336.5	374.8	393.4	385.5	368.8</					

## 2000: SERBIA and MONTENEGRO

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
199.7	355.7	597.8	1026.6	1620.3	2549.5	4125.6	6059.3	8934.4	15974.9	F	Tuberculosis	010-018/A15-A19
106.9	173.5	310.5	490.5	826.5	1371.7	2395.5	4163.9	7325.0	16691.2	F	HIV	279.5, 279.6/B20-B24
3.0	4.5	4.2	7.1	10.8	14.8	19.8	25.5	25.7	26.6	F	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34
0.9	1.1	0.8	1.5	0.8	3.8	5.8	8.6	13.1	12.6	F		
1.6	1.3	1.5	0.6	1.7	0.8	0.8	-	-	-	M		
0.6	0.3	-	-	-	-	-	-	-	-	F		
0.5	2.1	2.5	4.3	4.5	7.4	11.2	7.8	11.4	21.9	M		
1.7	0.6	1.5	2.4	3.8	4.8	6.2	4.1	8.1	14.7	F		
28.2	69.5	159.2	295.9	441.3	669.8	987.2	1187.4	1272.8	1017.2	M	ALL CANCER	140-208/C00-C97
42.0	79.3	131.5	192.2	272.4	377.2	493.1	606.3	749.5	820.4	F	Mouth and pharynx cancer	140-149/C00-C14
1.1	5.1	6.7	14.8	22.3	28.0	27.7	28.8	20.0	26.6	M	Oesophagus cancer	150/C15
-	0.3	1.0	3.1	1.9	2.0	4.1	5.4	11.2	11.6	F		
0.3	0.5	4.0	5.6	11.2	17.5	19.0	19.4	19.0	12.5	M		
0.3	0.3	0.3	1.8	1.5	1.0	4.5	4.5	3.1	7.4	F		
1.9	6.1	11.4	22.9	28.5	48.3	74.4	100.3	133.1	79.9	M	Stomach cancer	151/C16
2.0	1.9	5.5	6.7	15.0	22.5	33.3	43.7	59.0	57.8	F	Colorectal cancer	153, 154/C18-C21
1.6	5.6	15.1	24.1	36.8	66.6	113.2	150.2	196.8	136.4	M	Liver cancer	155.0, 155.1/C22
2.9	3.0	8.5	11.6	20.0	38.9	55.7	79.1	110.6	127.1	F		
0.3	1.9	6.4	10.2	19.4	33.1	47.5	64.3	75.1	53.3	M	Pancreas cancer	157/C25
0.3	1.1	3.8	3.1	11.9	16.1	27.1	37.5	38.5	28.4	F		
1.4	3.7	4.4	11.4	24.8	30.8	41.7	49.3	45.6	45.5	M	Larynx cancer	161/C32
-	1.7	2.3	6.4	11.5	16.7	27.8	34.6	33.6	44.1	F		
0.3	2.7	7.4	18.2	22.7	32.7	44.2	39.9	31.4	31.3	M		
0.6	0.3	0.8	0.9	1.9	1.4	1.7	3.3	4.4	4.2	F		
7.4	23.8	61.1	109.3	155.1	237.1	328.9	365.9	297.5	164.6	M		
3.7	9.9	18.0	24.7	38.5	47.5	63.6	65.9	77.1	56.7	F		
1.6	1.9	2.7	5.9	4.5	5.1	6.6	7.8	9.5	6.3	M	Malignant melanoma	172/C43
1.4	1.4	1.5	3.1	1.2	3.8	2.4	5.4	5.0	8.4	F	Female breast cancer	174/C50
12.3	24.0	37.8	59.2	68.9	72.8	77.0	80.7	101.9	140.8	M	Cervix cancer	180/C53
7.4	10.5	13.8	17.4	16.5	19.8	19.2	28.8	32.3	22.1	F	Other uterine cancer	179, 182/C54, C55
1.4	2.8	3.8	7.3	10.0	15.4	22.7	28.4	21.8	35.7	M	Ovarian cancer	183.0/C56
2.9	3.9	7.8	8.8	16.9	17.4	22.3	17.3	21.8	11.6	F	Prostate cancer	185/C61
-	0.8	2.0	3.7	8.7	20.2	39.7	49.9	58.9	64.3	M	Bladder cancer	188/C67
0.3	-	0.8	1.8	0.8	7.2	4.5	14.4	19.9	29.4	F		
8.5	12.3	28.2	55.6	79.0	106.3	152.9	175.7	183.5	185.0	M		
4.3	13.8	21.3	27.8	43.5	73.5	108.2	129.3	176.5	213.2	F		
1.1	-	1.0	1.2	4.1	0.4	2.1	1.1	3.8	3.1	M	Hodgkin's disease	201/C81
-	0.3	0.3	0.3	0.8	0.7	-	1.2	1.2	-	F		
1.1	1.1	4.0	4.9	4.5	10.9	19.0	18.3	23.8	6.3	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C85, C90
0.9	1.1	2.8	2.7	5.0	12.6	7.6	10.7	13.7	9.5	F		
1.4	4.0	3.7	3.7	10.3	10.9	19.4	28.3	30.4	23.5	M	Leukaemia	204-208/C91-C95
1.4	3.0	2.0	5.5	6.5	7.9	11.3	16.1	18.0	12.6	F		
3.3	4.5	9.6	19.5	38.5	59.6	110.7	153.5	172.1	200.6	M	Diabetes	250/E10-E14
1.1	3.9	3.5	8.2	28.9	58.4	97.6	182.5	236.2	244.7	F		
50.9	112.2	207.9	387.9	711.3	1197.4	2071.1	3358.6	5468.6	11079.9	M	ALL VASCULAR DISEASE	390-459/I00-I99
22.6	45.3	96.8	179.4	345.1	664.8	1337.8	2626.0	5078.3	12398.1	F	Rheumatic heart disease and fever	390-398/I00-I09
0.8	1.1	0.7	0.9	3.7	5.1	6.2	9.4	18.1	9.4	M	Hypertensive disease	401-404/I10-I13
-	0.8	0.8	2.4	4.6	4.8	5.5	8.2	11.2	17.9	F		
1.4	1.3	4.7	12.0	14.5	21.0	41.3	73.7	102.7	186.5	M	Ischaemic heart disease	410-414/I20-I25
0.6	3.0	3.8	3.7	8.8	18.1	34.0	65.9	147.9	291.0	F	Pulmonary embolism and other venous disease	415.1, 451-453/I26, I80-I82
21.1	48.6	90.2	168.6	279.6	407.3	569.8	788.8	992.4	1525.1	M	Cerebrovascular disease	430-438/I60-I69
4.9	12.2	25.0	39.4	88.9	169.1	285.2	479.4	753.3	1447.5	F		
2.2	-	2.2	6.2	9.9	7.8	19.8	22.2	33.3	36.1	M		
0.9	1.9	3.0	5.8	6.9	9.9	14.4	22.7	29.2	51.5	F		
12.3	30.2	48.0	80.9	182.4	345.4	619.8	1031.0	1622.6	2453.0	M		
9.1	17.1	37.0	73.5	122.0	237.8	495.5	940.7	1704.2	2774.2	F		
13.1	31.0	62.1	119.2	221.3	410.8	814.0	1433.5	2699.6	6869.9	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
7.1	10.2	27.3	54.6	113.9	225.1	503.1	1109.1	2432.6	7816.2	F	Chronic obstructive pulmonary disease	490-494, 496/J40-J47
1.6	2.7	6.4	13.3	31.0	70.9	169.0	256.7	385.0	476.5	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.1	1.7	3.3	7.6	16.9	27.7	46.0	90.6	149.2	298.3	F		
3.8	4.5	7.2	15.4	21.1	48.7	73.1	117.0	207.2	362.1	M		
2.3	1.4	3.5	5.5	13.1	20.2	39.5	74.1	139.8	306.7	F		
1.9	1.3	2.2	5.9	9.5	13.6	31.4	38.2	71.3	59.6	M	Peptic ulcer	531-533/K25-K27
0.3	-	1.5	1.2	3.5	7.2	11.0	17.7	35.4	37.8	F		
2.2	11.2	17.8	28.1	44.3	47.5	59.9	55.4	58.0	28.2	M	Liver cirrhosis & other liver disease	570-573/K70-K76
1.1	2.2	2.8	4.6	8.8	14.7	18.9	21.8	12.4	16.8	F		
2.5	5.3	5.7	14.2	22.7	40.5	59.5	88.7	123.6	153.6	M	Renal disease	580-590/N00-N19
1.1	4.1	5.0	10.4	17.3	25.6	54.6	66.7	106.9	115.5	F		
1.1	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth and other medical causes	630-676/000-099
0.5	0.5	0.5	0.3	-	0.4	1.2	-	-	3.1	F		
0.3	-	0.8	0.6	0.4	0.7	0.7	0.8	-	-	M	Congenital and perinatal causes	740-779/P00-P96, Q00-Q99
28.5	45.7	66.7	99.1	132.8	188.1	271.5	384.1	635.0	1907.5	F		
11.7	14.4	25.0	34.2	53.5	81.0	141.9	262.8	520.8	2020.0	M	III-defined causes	780-799/R00-R99
12.3	21.6	30.7	49.7	57.1	93.1	124.0	204.0	308.9	374.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
5.7	6.4	16.8	20.1	29.6	43.7	95.2	132.6	193.9	271.0	F		
58.6	68.4	75.6	85.2	93.9	97.0	135.1	182.4	194.9	263.3	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
13.1	13.0	18.0	22.6	32.3	42.0	47.1	69.2	81.4	134.5	F		
11.8	20.3	16.3	15.8	16.1	17.5	15.3	23.8	20.0	15.7	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
1.1	2.2	4.3	3.7	4.2	3.1	6.9	4.5	3.7	2.1	F		
0.8	1.1	1.2	1.5	0.8	1.2	1.7	2.8	2.9	9.4	M	Fire	E890-E899/X00-X09
-	-	0.3	0.6	0.8	1.0	1.4	0.8	3.1	7.4	F		
17.8	19.0	23.7	31.8	35.6	33.5	55.0	81.5	88.4	128.5	M	Suicide	E950-E959/X60-X84
8.0	6.4	6.8	10.1	15.0	22.5	22.7	28.8	36.0	46.2	F		
4.9	5.9	4.4	3.7	4.5	1.9	4.1	2.2	4.8	12.5	M	Homicide	E960-E969/X85-X99, Y00-Y09
1.1	1.4	2.0	0.3	1.9	1.0	1.7	2.9	1.2	4.2	F		
365.1	374.2	404.5	323.8	241.8	256.8	242.0	180.4	105.2	63.8	M	POPULATION	
350.0	361.9	400.0	327.8	259.9	292.7	291.0	242.8	160.9	95.2	F	(1000s; UN, 2004 revision)	

**SERBIA and MONTENEGRO: 2000****Male smoking-attributed deaths (Sm.) and total deaths (Total)**

	ALL CAUSES	ALL CANCER	Lung cancer	Upper aero-digestive ca. (see below)	Other cancer	COPD	Other respiratory	Vascular disease	Cirrhosis & other liver	Other medical	Non-medical
<b>1995</b>											
0-34 Sm.	...	...	...	...	...	...	...	...	...	...	...
0-34 Total	...	...	...	...	...	...	...	...	...	...	...
35-69 Sm.	...	...	...	...	...	...	...	...	...	...	...
35-69 Total	...	...	...	...	...	...	...	...	...	...	...
70+ Sm.	...	...	...	...	...	...	...	...	...	...	...
70+ Total	...	...	...	...	...	...	...	...	...	...	...
Any age Sm.	...	...	...	...	...	...	...	...	...	...	...
Any age Total	...	...	...	...	...	...	...	...	...	...	...
<b>2000</b>											
0-34 Sm.	-	-	-	-	-	-	-	-	-	-	-
0-34 Total	2883	210	11	6	193	8	137	176	11	1497	844
35-69 Sm.	9840	3565	2335	543	687	592	144	3891	-	1648	-
35-69 Total	28251	7141	2497	792	3852	751	463	12510	587	4944	1855
(35%)	(50%)	(94%)	(69%)	(18%)	(79%)	(31%)	(31%)			(33%)	
70+ Sm.	4347	1353	946	144	263	752	61	1732	-	449	-
70+ Total	30522	4130	1078	278	2774	1172	660	18881	179	4798	702
(14%)	(33%)	(88%)	(52%)	(9%)	(64%)	(9%)	(9%)			(9%)	
Any age Sm.	14187	4918	3281	687	950	1344	205	5623	-	2097	-
Any age Total	61656	11481	3586	1076	6819	1931	1260	31567	777	11239	3401
(23%)	(43%)	(91%)	(64%)	(14%)	(70%)	(16%)	(18%)			(19%)	

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	
<b>POPULATION (1000s; UN, 2004 revision)</b>														
1995	...	...	...	365.1	374.2	404.5	323.8	241.8	256.8	242.0	180.4	105.2	63.8	
2000	5244.1	2686.5	2208.2	...	...	...	...	...	...	...	...	...	...	
<b>NUMBER OF DEATHS (Source: WHO)</b>														
<b>All causes</b>														
1995	...	...	...	729	1331	2418	3324	3918	6547	9984	10931	9399	10192	
2000	61656	2883	28251	...	...	...	...	...	...	...	...	...	...	
<b>Lung cancer</b>														
1995	...	...	...	27	89	247	354	375	609	796	660	313	105	
2000	3586	11	2497	28	69.5	159.2	295.9	441.3	669.8	987.2	1187.4	1272.8	1017.2	
<b>ANNUAL DEATH RATE / 100,000</b>														
(*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)														
<b>All causes</b>														
1995	1281.3*	113.3*	1496.4*	199.7	355.7	597.8	1026.6	1620.3	2549.5	4125.6	6059.3	8934.4	15974.9	
2000	113.3*	...	...	...	...	...	...	...	...	...	...	...	...	
<b>All cancer</b>														
1995	223.4*	7.8*	378.7*	28.2	69.5	159.2	295.9	441.3	669.8	987.2	1187.4	1272.8	1017.2	
2000	223.4*	7.8*	378.7*	28.2	69.5	159.2	295.9	441.3	669.8	987.2	1187.4	1272.8	1017.2	
<b>Lung cancer</b>														
1995	68.9*	0.4*	131.8*	7.4	23.8	61.1	109.3	155.1	237.1	328.9	365.9	297.5	164.6	
2000	68.9*	0.4*	131.8*	7.4	23.8	61.1	109.3	155.1	237.1	328.9	365.9	297.5	164.6	
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	21.2*	0.2*	41.7*	1.6	8.3	18.0	38.6	56.2	78.3	90.9	88.1	70.3	70.5	
<b>Other cancer</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	133.4*	7.1*	205.2*	19.2	37.4	80.1	147.9	229.9	354.4	567.4	733.4	904.9	782.1	
<b>Chronic obstructive pulmonary disease (COPD)</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	38.9*	0.3*	42.1*	1.6	2.7	6.4	13.3	31.0	70.9	169.0	256.7	385.0	476.5	
<b>Other respiratory disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	26.7*	5.6*	24.8*	3.8	4.5	7.2	15.4	21.1	48.7	73.1	117.0	207.2	362.1	
<b>Vascular disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	673.5*	6.5*	677.0*	50.9	112.2	207.9	387.9	711.3	1197.4	2071.1	3358.6	5468.6	11079.9	
<b>Liver cirrhosis and other liver disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	15.2*	0.4*	30.1*	2.2	11.2	17.8	28.1	44.3	47.5	59.9	55.4	58.0	28.2	
<b>Other medical causes</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	237.8*	61.9*	255.9*	54.2	87.1	123.6	200.7	277.5	418.2	630.2	901.9	1347.9	2747.6	
<b>All non-medical causes</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	
2000	65.9*	30.7*	87.7*	58.6	68.4	75.6	85.2	93.9	97.0	135.1	182.4	194.9	263.3	

## 2000: SERBIA and MONTENEGRO

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

	ALL CAUSES	ALL CANCER	Lung cancer	Upper aero-digestive ca. (see below)	Other cancer	COPD	Other respiratory	Vascular disease	Cirrhosis & other liver	Other medical	Non-medical
<b>1995</b>											
0-34 Sm.	...	...	...	...	...	...	...	...	...	...	...
0-34 Total	...	...	...	...	...	...	...	...	...	...	...
35-69 Sm.	...	...	...	...	...	...	...	...	...	...	...
35-69 Total	...	...	...	...	...	...	...	...	...	...	...
70+ Sm.	...	...	...	...	...	...	...	...	...	...	...
70+ Total	...	...	...	...	...	...	...	...	...	...	...
Any age Sm.	...	...	...	...	...	...	...	...	...	...	...
Any age Total	...	...	...	...	...	...	...	...	...	...	...
<b>2000</b>											
0-34 Sm.	—	—	—	—	—	—	—	—	—	—	—
0-34 Total	1650	179	8	1	170	7	116	116	2	997	233
35-69 Sm.	2155	550	435	33	82	167	33	1018	—	387	—
35-69 Total	16986	4837	626	90	4121	307	253	7954	159	2893	583
(13%)	(11%)	(69%)	(37%)	(2%)	(54%)	(13%)	(13%)	(13%)		(13%)	
70+ Sm.	1605	247	192	21	34	313	23	826	—	196	—
70+ Total	37786	3459	338	84	3037	744	697	26350	89	6020	427
(4%)	(7%)	(57%)	(25%)	(1%)	(42%)	(3%)	(3%)	(3%)		(3%)	
Any age Sm.	3760	797	627	54	116	480	56	1844	—	583	—
Any age Total	56422	8475	972	175	7328	1058	1066	34420	250	9910	1243
(7%)	(9%)	(65%)	(31%)	(2%)	(45%)	(5%)	(5%)	(5%)		(6%)	

To be conservative, no deaths before age 35, and none from liver cirrhosis or non-medical causes, were attributed to smoking

## Female death rates used for calculations

	All ages	0-34	35-69	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+/NK	
<b>POPULATION (1000s; UN, 2004 revision)</b>														
1995	...	...	...	350.0	361.9	400.0	327.8	259.9	292.7	291.0	242.8	160.9	95.2	
2000	5301.0	2518.8	2283.3	350.0	361.9	400.0	327.8	259.9	292.7	291.0	242.8	160.9	95.2	
<b>NUMBER OF DEATHS (Source: WHO)</b>														
<b>All causes</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	56422	1650	16986	374	628	1242	1608	2148	4015	6971	10110	11786	15890	
<b>Lung cancer</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	972	8	626	13	36	72	81	100	139	185	160	124	54	
<b>ANNUAL DEATH RATE / 100,000</b>														
(*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution)														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	932.3*	70.7*	810.7*	106.9	173.5	310.5	490.5	826.5	1371.7	2395.5	4163.9	7325.0	16691.2	
<b>All cancer</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	139.2*	7.1*	226.8*	42.0	79.3	131.5	192.2	272.4	377.2	493.1	606.3	749.5	820.4	
<b>Lung cancer</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	16.0*	0.3*	29.4*	3.7	9.9	18.0	24.7	38.5	47.5	63.6	65.9	77.1	56.7	
<b>Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	2.9*	0.0*	4.2*	0.9	0.8	2.0	5.8	5.4	4.4	10.3	13.2	18.6	23.1	
<b>Other cancer</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	120.3*	6.7*	193.2*	37.4	68.5	111.5	161.7	228.5	325.2	419.2	527.2	653.8	740.5	
<b>Chronic obstructive pulmonary disease (COPD)</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	17.0*	0.3*	14.9*	1.1	1.7	3.3	7.6	16.9	27.7	46.0	90.6	149.2	298.3	
<b>Other respiratory disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	18.3*	5.2*	12.2*	2.3	1.4	3.5	5.5	13.1	20.2	39.5	74.1	139.8	306.7	
<b>Vascular disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	562.1*	4.6*	384.5*	22.6	45.3	96.8	179.4	345.1	664.8	1337.8	2626.0	5078.3	12398.1	
<b>Liver cirrhosis and other liver disease</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	4.0*	0.1*	7.6*	1.1	2.2	2.8	4.6	8.8	14.7	18.9	21.8	12.4	16.8	
<b>Other medical causes</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	170.1*	44.3*	137.8*	24.6	30.7	54.8	78.7	137.7	225.1	413.1	675.9	1114.4	2716.4	
<b>All non-medical causes</b>														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	21.5*	9.1*	26.9*	13.1	13.0	18.0	22.6	32.3	42.0	47.1	69.2	81.4	134.5	

**SERBIA and MONTENEGRO: 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	– / 2.9	– / 1.6	–
35–69	9.8 / 28	2.2 / 17	20 years
70+	4.3 / 31	1.6 / 38	9 years
All ages	14 / 62	3.8 / 56	16 years

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

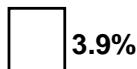
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	2.3/2.5	0.9/1.1	3.3/3.6	–/0.0	0.4/0.6	0.2/0.3	0.6/1.0
All Cancer	–/0.2	3.6/7.1 (50%)	1.4/4.1 (33%)	4.9/11	–/0.2	0.6/4.8 (11%)	0.2/3.5 (7%)	0.8/8.5
Vascular	–/0.2	3.9/13	1.7/19	5.6/32	–/0.1	1.0/8.0	0.8/26	1.8/34
Respiratory	–/0.1	0.7/1.2	0.8/1.8	1.5/3.2	–/0.1	0.2/0.6	0.3/1.4	0.5/2.1
All Other	–/2.4	1.6/7.4	0.4/5.7	2.1/15	–/1.2	0.4/3.6	0.2/6.5	0.6/11
All Causes	–/2.9	9.8/28 (35%)	4.3/31 (14%)	14/62	–/1.6	2.2/17 (13%)	1.6/38 (4%)	3.8/56

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

Cause	Male	Female	Male + Female
All Cancer	4.9 / 11 (43%)	0.8 / 8.5 (9%)	5.7 / 20 (29%)
All Causes	14 / 62 (23%)	3.8 / 56 (7%)	18 / 118 (15%)

**2000: SERBIA and MONTENEGRO**

**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, 41 would die before age 70 (with 14 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**