

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

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**The Former Yugoslav Republic of
MACEDONIA**

Raw data (pages 308–9, 310–11)

Analyses (pages 312–13)

MACEDONIA, The Former Yugoslav Republic of: 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			M		F	M		F	M		F	M		F
ALL CAUSES	9327	540	4006	1246.1	103.2	1262.3	320.0	29.1	27.9	54.7	93.3	95.3	102.1		
	F	7926	329	2519	868.1	68.7	735.9	290.7	14.8	15.4	27.0	46.1	29.1	57.8	
Tuberculosis	M	61	3	33	7.5	0.6	10.6	1.5	-	-	-	-	2.5	-	
	F	31	5	14	3.2	1.0	4.0	3.2	1.3	-	-	1.2	-	1.3	
HIV	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other infective and parasitic	M	38	18	13	4.4	3.7	4.1	22.2	-	1.2	-	1.2	-	1.3	
	F	32	18	6	3.8	4.0	1.7	25.6	-	-	1.2	1.2	-	-	
ALL CANCER	M	1757	31	1105	214.1	5.6	349.6	3.0	2.5	1.2	1.2	10.8	11.4	9.2	
	F	1208	41	738	126.3	7.8	204.0	6.4	2.7	6.4	6.1	2.5	6.6	24.2	
Mouth and pharynx cancer	M	40	1	25	4.9	0.2	7.2	-	-	-	-	1.2	-	-	
	F	17	1	11	1.8	0.2	2.9	1.6	-	-	-	-	-	-	
Oesophagus cancer	M	23	-	17	2.8	-	5.3	-	-	-	-	-	-	-	
	F	7	-	4	0.8	-	1.1	-	-	-	-	-	-	-	
Stomach cancer	M	234	1	131	29.3	0.2	42.8	-	-	-	-	-	1.3	-	
	F	125	-	69	12.7	-	20.4	-	-	-	-	-	-	-	
Colorectal cancer	M	166	2	103	19.6	0.4	33.7	-	-	-	-	-	1.3	1.3	
	F	135	2	75	14.1	0.4	21.8	-	-	-	-	1.2	-	1.3	
Liver cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pancreas cancer	M	68	-	48	8.3	-	15.9	-	-	-	-	-	-	-	
	F	42	-	18	4.2	-	5.3	-	-	-	-	-	-	-	
Larynx cancer	M	74	-	54	8.7	-	16.7	-	-	-	-	-	-	-	
	F	5	-	3	0.6	-	0.8	-	-	-	-	-	-	-	
Lung cancer	M	495	2	358	59.1	0.4	112.8	-	-	-	-	-	1.3	1.3	
	F	104	2	63	10.8	0.4	16.9	-	-	-	-	-	-	2.7	
Malignant melanoma	M	30	1	15	4.2	0.2	4.1	-	-	-	-	-	1.3	-	
	F	24	-	14	2.6	-	3.7	-	-	-	-	-	-	-	
Female breast cancer	F	239	2	173	25.3	0.4	46.9	-	-	-	-	-	-	2.7	
Cervix cancer	F	56	2	42	5.7	0.4	10.4	-	-	-	-	-	-	2.7	
Other uterine cancer	F	64	1	46	6.7	0.2	12.2	-	-	-	1.2	-	-	-	
Ovarian cancer	F	55	2	39	5.7	0.4	10.8	-	-	-	-	-	-	2.7	
Prostate cancer	M	105	1	29	13.7	0.2	10.2	-	-	-	-	1.2	-	-	
Bladder cancer	M	86	-	45	10.9	-	15.2	-	-	-	-	-	-	-	
	F	15	-	9	1.6	-	2.8	-	-	-	-	-	-	-	
Other and ill-defined cancer sites	M	350	11	226	42.7	2.0	69.9	3.0	-	1.2	-	3.6	1.3	5.2	
	F	274	19	148	29.1	3.7	41.8	4.8	2.7	3.9	3.7	-	4.0	6.7	
Hodgkin's disease	M	15	3	10	1.6	0.5	2.5	-	-	-	-	1.2	2.5	-	
	F	5	2	2	0.5	0.4	0.5	-	-	-	-	1.2	1.3	-	
Myeloma and non-Hodgkin lymphomas	M	33	2	23	3.8	0.4	6.8	-	-	-	-	1.2	1.3	-	
	F	8	-	5	0.8	-	1.2	-	-	-	-	-	-	-	
Leukaemia	M	38	7	21	4.2	1.2	6.7	-	2.5	-	1.2	2.4	1.3	1.3	
	F	33	8	17	3.3	1.5	4.5	-	-	2.6	1.2	-	1.3	5.4	
Diabetes	M	225	1	106	29.3	0.2	34.8	-	-	-	-	-	1.3	-	
	F	309	2	114	32.0	0.4	35.3	1.6	1.3	-	-	-	-	-	
ALL VASCULAR DISEASE	M	4880	36	1757	689.0	6.6	573.3	8.9	1.3	1.2	7.0	9.6	10.2	7.9	
	F	4790	28	1194	527.6	5.3	361.8	4.8	2.7	1.3	3.7	12.5	5.3	6.7	
Rheumatic heart disease and fever	M	18	-	12	2.1	-	3.6	-	-	-	-	-	-	-	
	F	20	2	12	2.0	0.4	3.6	-	-	-	1.2	-	-	1.3	
Hypertensive disease	M	176	-	49	25.8	-	16.3	-	-	-	-	-	-	-	
	F	229	2	51	26.1	0.4	15.5	-	-	-	-	2.5	-	-	
Ischaemic heart disease	M	1230	10	729	154.1	1.8	229.0	-	-	-	-	4.8	3.8	3.9	
	F	717	4	313	74.7	0.8	93.7	-	-	-	-	1.2	1.3	2.7	
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	1563	8	528	217.9	1.5	177.7	4.4	1.3	1.2	3.5	-	-	-	
	F	1714	8	494	184.1	1.6	149.0	3.2	1.3	1.3	1.2	1.2	2.6	-	
Other vascular disease, incl. venous	M	1893	18	439	289.1	3.3	146.7	4.4	-	-	3.5	4.8	6.4	3.9	
	F	2110	12	324	240.6	2.2	99.9	1.6	1.3	-	1.2	7.5	1.3	2.7	
Chronic obstructive pulmonary disease	M	220	2	62	30.9	0.4	21.7	-	-	-	-	-	-	-	
	F	155	2	34	17.4	0.4	10.5	-	-	-	1.2	-	1.3	-	
Other respiratory disease	M	147	20	48	19.0	3.9	14.8	14.8	3.8	1.2	1.2	1.2	1.3	3.9	
	F	100	12	33	11.0	2.5	9.8	12.8	-	1.2	2.5	-	-	1.3	
Peptic ulcer	M	29	-	13	4.0	-	3.9	-	-	-	-	-	-	-	
	F	17	-	3	1.8	-	0.9	-	-	-	-	-	-	-	
Liver cirrhosis	M	100	2	80	11.5	0.4	22.5	-	-	-	-	-	-	2.6	
	F	32	1	21	3.3	0.2	6.3	1.6	-	-	-	-	-	-	
Renal disease	M	124	8	56	15.9	1.4	17.4	-	-	1.2	1.2	2.4	1.3	3.9	
	F	99	3	51	10.4	0.5	14.7	-	-	-	2.5	-	-	1.3	
Pregnancy, birth	F	4	3	1	0.4	0.5	0.2	-	-	-	1.2	1.2	-	1.3	
Congenital and perinatal causes	M	154	152	-	18.3	32.0	-	219.3	-	2.4	-	1.2	1.3	-	
	F	120	116	2	15.2	26.3	0.4	178.9	-	-	-	-	5.3	-	
Ill-defined causes	M	775	65	327	109.7	12.3	99.8	34.1	1.3	2.4	10.5	12.0	10.2	15.7	
	F	665	36	157	77.7	7.7	45.4	39.9	-	1.3	1.2	6.2	2.6	2.7	
Other medical causes	M	285	28	138	35.8	5.2	41.7	8.9	2.5	2.4	5.8	3.6	5.1	7.9	
	F	168	16	73	17.2	3.1	20.3	6.4	1.3	2.6	2.5	2.5	2.6	4.0	
ALL NON-MEDICAL CAUSES	M	532	174	268	56.8	31.0	68.0	5.9	17.7	14.6	27.9	51.4	50.8	48.4	
	F	196	46	78	20.8	8.7	20.6	9.6	5.4	3.9	8.6	13.7	5.3	14.8	
Road traffic accidents	M	85	31	44	8.7	5.5	11.5	-	7.6	-	3.5	12.0	8.9	6.5	
	F	25	7	12	2.6	1.3	3.3	1.6	-	1.3	1.2	2.5	1.3	1.3	
Fire	M	7	-	4	0.8	-	0.9	-	-	-	-	-	-	-	
	F	4	-	1	0.5	-	0.3	-	-	-	-	-	-	-	
Suicide	M	104	27	62	10.8	4.8	15.3	-	-	1.2	1.2	9.6	11.4	10.5	
	F	46	9	27	4.6	1.7	6.7	-	-	-	3.7	1.2	2.6	4.0	
Homicide	M	46	18	22	4.8	3.2	5.5	-	-	-	2.3	7.2	6.4	6.5	
	F	15	6	6	1.5	1.1	1.7	-	1.3	-	1.2	2.5	1.3	1.3	
POPULATION: (1000s; UN, 2004 revision)	M=male				1004.3	553.5	399.0	67.5	79.1	82.3	85.9	83.6	78.7	76.4	
	F=female				1005.2	526.5	409.5	62.6	74.3	77.9	81.5	80.2	75.6	74.4	

2000: The Former Yugoslav Republic of MACEDONIA

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				
168.7	287.3	474.1	921.2	1255.4	2150.2	3579.1	5449.6	9164.6	19500.0	M	ALL CAUSES	001-999/A00-Y89	
94.3	167.1	290.7	446.4	659.3	1254.3	2239.5	4083.6	6756.6	15608.4	F	Tuberculosis	010-018, 137/ A15-A19, B90	
2.7	4.1	1.4	9.2	4.3	9.4	42.9	46.5	42.7	62.5	F	HIV	279.5, 279.6/B20-B24	
1.4	2.8	-	1.8	2.0	8.5	11.6	15.5	17.7	21.0	F	Other infective and parasitic	Rest of 001-139/rest of A00-B99 excl A33,A34	
1.3	1.4	1.4	-	6.4	2.3	16.1	15.5	12.2	10.4	M			
-	-	2.9	-	2.0	2.1	4.7	6.2	4.4	35.0	F			
29.5	66.4	136.9	258.2	373.4	633.8	949.1	1015.5	1439.0	1281.3	M	ALL CANCER	140-208/C00-C97	
47.8	75.8	130.8	179.3	260.1	324.8	409.3	591.3	623.9	678.3	F			
2.7	-	8.6	5.5	10.7	7.0	16.1	19.4	30.5	41.7	M	Mouth and pharynx cancer	140-149/C00-C14	
-	-	5.8	1.8	2.0	6.4	4.7	6.2	8.8	7.0	F	Oesophagus cancer	150/C15	
1.4	1.4	2.9	5.5	4.3	7.0	16.1	7.8	12.2	20.8	M			
-	-	-	-	2.0	4.3	-	3.1	4.4	7.0	F			
-	8.1	10.1	25.6	53.6	70.4	131.4	178.3	201.2	239.6	M	Stomach cancer	151/C16	
4.1	4.2	7.3	5.3	16.1	42.7	62.8	74.3	97.3	69.9	F			
4.0	6.8	11.5	12.8	23.6	56.3	120.6	77.5	207.3	72.9	M	Colorectal cancer	153, 154/C18-C21	
1.4	2.8	13.1	12.3	30.2	32.1	60.5	77.4	79.6	104.9	F			
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.7	1.4	-	7.3	17.2	42.3	40.2	42.6	30.5	41.7	M	Pancreas cancer	157/C25	
1.4	-	5.3	4.0	15.0	11.6	-	37.2	44.2	14.0	F			
2.7	4.1	8.6	9.2	17.2	37.6	37.5	27.1	67.1	20.8	M	Larynx cancer	161/C32	
1.4	-	1.8	-	-	2.3	-	-	-	14.0	F			
1.3	24.4	43.2	98.9	128.8	211.3	281.5	279.1	274.4	187.5	M	Lung cancer	162/C33, C34	
9.6	8.4	10.2	14.1	20.2	23.5	32.6	71.2	31.0	62.9	F			
-	2.7	2.9	7.3	6.4	9.4	-	7.8	24.4	83.3	M	Malignant melanoma	172/C43	
2.7	-	2.9	7.0	2.0	6.4	4.7	6.2	17.7	28.0	F			
8.2	22.5	36.3	45.7	68.5	74.8	72.1	89.8	97.3	90.9	F	Female breast cancer	174/C50	
5.5	15.4	10.2	5.3	14.1	8.5	14.0	12.4	26.5	14.0	F	Cervix cancer	180/C53	
1.4	4.2	13.1	17.6	18.1	15.0	16.3	27.9	31.0	7.0	F	Other uterine cancer	179, 182/C54, C55	
1.4	2.8	7.3	15.8	8.1	15.0	25.6	21.7	22.1	14.0	F	Ovarian cancer	183/C56, C570-C574	
-	-	1.4	1.8	4.3	23.5	40.2	100.8	201.2	166.7	M	Prostate cancer	185/C61	
-	1.4	1.4	11.0	6.4	32.9	53.6	58.1	97.6	104.2	M	Bladder cancer	188/C67	
-	-	3.5	2.0	2.1	11.6	-	6.2	8.8	14.0	F			
10.7	13.6	33.1	62.3	85.8	98.6	185.0	174.4	250.0	281.3	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97	
8.2	12.6	16.0	33.4	70.6	72.6	79.1	142.4	132.7	216.8	F	Hodgkin's disease	201/C81	
1.3	1.4	4.3	5.5	2.1	-	2.7	7.8	-	-	M			
-	-	1.5	-	-	2.3	-	3.1	-	-	F			
1.3	1.4	5.8	3.7	6.4	23.5	5.4	19.4	12.2	10.4	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96	
-	-	4.4	1.8	-	2.3	-	6.2	-	7.0	F			
2.7	-	2.9	1.8	6.4	14.1	18.8	15.5	30.5	10.4	M	Leukaemia	204-208/C91-C95	
1.4	2.8	2.9	8.8	2.0	6.4	7.0	6.2	22.1	7.0	F			
2.7	1.4	14.4	12.8	36.5	63.4	112.6	182.2	219.5	364.6	M	Diabetes	250/E10-E14	
2.7	1.4	2.9	10.5	28.2	62.0	139.5	226.0	292.0	377.6	F			
30.8	71.8	152.7	370.0	568.7	1065.7	1753.4	3209.3	5823.2	13583.3	M	ALL VASCULAR DISEASE	390-459/I00-I99	
16.4	39.3	88.7	175.7	260.1	647.4	1304.7	2693.5	4800.9	11279.7	F			
1.3	2.7	-	1.8	6.4	4.7	8.0	15.5	6.1	10.4	M	Rheumatic heart disease and fever	390-398/I00-I09	
-	1.4	-	6.0	6.4	11.6	-	12.4	8.8	-	F			
-	1.4	2.9	9.2	12.9	42.3	45.6	120.2	243.9	583.3	M	Hypertensive disease	401-405/I10-I15	
2.7	-	1.5	8.8	12.1	29.9	53.5	102.2	203.5	678.3	F			
13.4	39.3	82.1	207.0	285.4	431.9	544.2	829.5	975.6	1218.8	M	Ischaemic heart disease	410-414/I20-I25	
2.7	14.0	29.1	54.5	76.6	158.1	320.9	517.0	526.5	797.2	F			
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous diseases	Not given separately
...	...	...	...	...	...	...	...	...	...	F	Cerebrovascular disease	430-438/I60-I69
8.0	16.3	31.7	80.6	148.1	326.3	632.7	1089.1	2189.0	4031.3	M			
10.9	15.4	39.2	77.3	108.9	256.4	534.9	1021.7	1845.1	3251.7	F			
8.0	12.2	36.0	71.4	115.9	260.6	522.8	1155.0	2408.5	7739.6	M	Other vascular disease, incl. venous disease	Rest of 390-459/ rest of I00-I99	
-	8.4	18.9	35.1	56.5	196.6	383.7	1040.2	2216.8	6552.4	F			
1.3	1.4	2.9	5.5	12.9	23.5	104.6	193.8	292.7	604.2	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67	
-	1.4	1.5	1.8	8.1	23.5	37.2	96.0	119.5	426.6	F			
6.7	2.7	8.6	5.5	4.3	32.9	42.9	104.7	164.6	260.4	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98	
1.4	2.8	1.5	5.3	10.1	12.8	34.9	40.2	70.8	181.8	F			
-	1.4	1.4	7.3	4.3	4.7	8.0	15.5	36.6	62.5	M	Peptic ulcer	531-533/K25-K27	
-	-	1.5	-	-	-	4.7	-	39.8	35.0	F			
2.7	9.5	25.9	25.6	27.9	28.2	37.5	38.8	36.6	20.8	M	Liver cirrhosis	571/K70, K74	
-	1.4	1.5	5.3	2.0	8.5	25.6	12.4	13.3	21.0	F			
-	1.4	10.1	22.0	8.6	39.9	40.2	77.5	134.1	187.5	M	Renal disease	580-590/N00-N19	
4.1	1.4	5.8	8.8	16.1	32.1	34.9	58.8	53.1	97.9	F			
1.4	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099 740-779/A33, P00-P96, Q00-Q99 780-799/R00-R99	
-	-	1.5	-	-	-	-	-	-	20.8	M			
-	1.4	1.5	-	-	-	-	-	-	14.0	F			
17.4	31.2	46.1	97.1	115.9	115.0	276.1	263.6	518.3	2395.8	M	III-defined causes	780-799/R00-R99	
5.5	12.6	21.8	26.4	40.3	81.2	130.2	210.5	486.7	2055.9	F			
8.0	19.0	15.9	44.0	38.6	54.0	112.6	155.0	250.0	395.8	M	Other medical causes	Rest of 001-799/ rest of A00-R99	
4.1	7.0	16.0	19.3	12.1	29.9	53.5	80.5	154.9	125.9	F			
65.6	75.9	56.2	64.1	53.6	77.5	83.1	131.8	195.1	250.0	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89	
9.6	19.7	14.5	12.3	18.1	21.4	48.8	52.6	79.6	258.7	F			
5.4	16.3	10.1	5.5	10.7	14.1	18.8	19.4	24.4	10.4	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850	
1.4	1.4	2.9	1.8	2.0	6.4	7.0	9.3	4.4	14.0	F			
-	2.7	1.4	-	-	2.3	-	3.9	12.2	-	M	Fire	E890-E899/X00-X09	
-	-	-	-	-	2.3	-	-	4.4	14.0	F			
20.1	19.0	13.0	12.8	4.3	16.4	21.4	23.3	42.7	20.8	M	Suicide	E950-E959/X60-X84	
5.5	11.2	4.4	-	12.1	2.1	11.6	18.6	8.8	14.0	F			
5.4	4.1	5.8	7.3	8.6	4.7	2.7	7.8	18.3	10.4	M	Homicide	E960-E969/ X85-X99, Y00-Y09	
74.7	73.8	69.4	54.6	46.6	42.6	37.3	25.8	16.4	9.6	M	POPULATION	(1000s; UN, 2004 revision)	
73.2	71.2	68.8	56.9	49.6	46.8	43.0	32.3	22.6	14.3	F			

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

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	...	...	...	74.7	73.8	69.4	54.6	46.6	42.6	37.3	25.8	16.4	9.6	
2000	1004.3	553.5	399.0	...	...	...	...	...	...	...	...	...	...
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)														
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

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

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	...	...	...	73.2	71.2	68.8	56.9	49.6	46.8	43.0	32.3	22.6	14.3	
2000	1005.2	526.5	409.5	...	...	...	...	...	...	...	...	...	...
NUMBER OF DEATHS (Source: WHO)														
All causes														
1995	7926	329	2519	69	119	200	254	327	587	963	1319	1527	2232	
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)														
1995	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	
2000	88.7*	2.5*	204.0*	47.8	75.8	130.8	179.3	260.1	324.8	409.3	591.3	623.9	678.3	
All cancer														
1995	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	
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	
Lung cancer														
1995	3.1*	0.2*	4.8*	2.7	-	5.8	3.5	4.0	10.7	7.0	9.3	13.3	28.0	
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	
Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx)														
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	
Other cancer														
1995	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	116.7*	43.7*	122.9*	19.1	26.7	52.3	66.8	100.8	215.8	379.1	597.5	1048.7	2762.2	
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

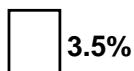
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/ 2	331/358	115/135	446/495	–/ 2	32/63	14/39	46/104
All Cancer	–/31	495/1105 (45%)	169/621 (27%)	664/1757	–/41	43/738 (6%)	17/429 (4%)	60/1208
Vascular	–/36	493/1757	225/3087	718/4880	–/28	63/1194	57/3568	120/4790
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
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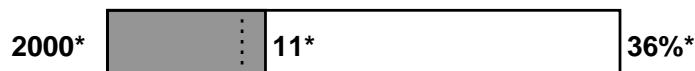
Population risk of dying at ages 0–34



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

***eg, at 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



23%