

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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SERBIA

Raw data (pages 404–5)

Analyses (pages 406–7)

(revised September 2015)

SERBIA*: 2010

	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
ALL CAUSES	M 51990	1224	19127	1118.0	78.2	1302.1	176.1	14.8	15.7	49.4	76.0	97.3	118.1
	F 51221	618	10846	768.3	43.4	670.9	136.0	10.8	14.3	22.8	28.0	39.5	52.5
Tuberculosis	M 102	4	58	2.4	0.2	3.7	-	0.5	-	-	-	0.4	0.8
	F 51	4	17	0.9	0.2	1.0	-	-	-	-	-	0.4	1.2
Other infective and parasitic	M 150	16	72	3.5	1.0	4.6	2.2	0.5	-	-	-	2.3	1.9
	F 138	6	58	2.5	0.4	3.6	0.6	0.5	-	0.5	-	0.4	0.8
ALL CANCER	M 12120	112	6371	265.9	6.7	430.6	4.5	1.5	2.6	4.2	6.7	10.4	16.8
	F 9019	124	4370	160.9	7.8	261.4	4.8	3.8	3.9	7.3	5.7	8.4	20.8
Mouth and pharynx cancer	M 405	4	301	9.4	0.2	19.0	-	-	-	-	0.4	0.4	0.8
	F 118	3	51	2.0	0.2	2.9	-	-	-	-	0.4	-	0.8
Oesophagus cancer	M 233	1	166	5.4	0.1	11.2	-	-	-	-	-	-	0.4
	F 65	-	26	1.1	-	1.6	-	-	-	-	-	-	-
Stomach cancer	M 684	3	320	14.7	0.2	21.7	-	-	-	0.5	-	-	0.8
	F 379	3	155	6.4	0.2	9.6	-	-	-	-	0.4	0.4	0.8
Colorectal cancer	M 1531	9	676	32.9	0.5	47.3	-	-	-	-	-	0.4	3.1
	F 1042	4	401	17.2	0.2	24.4	-	-	-	-	-	-	1.6
Liver cancer	M 412	2	193	8.8	0.1	12.9	-	-	-	-	-	0.8	-
	F 269	-	101	4.3	-	6.2	-	-	-	-	-	-	-
Pancreas cancer	M 566	-	324	12.5	-	22.3	-	-	-	-	-	-	-
	F 522	5	204	8.7	0.3	12.7	-	-	-	-	-	-	2.0
Larynx cancer	M 336	-	199	7.4	-	13.4	-	-	-	-	-	-	-
	F 48	-	26	0.8	-	1.6	-	-	-	-	-	-	-
Lung cancer	M 3818	4	2454	85.5	0.2	164.2	-	-	-	-	-	0.4	1.1
	F 1307	3	781	24.4	0.2	46.0	-	-	-	-	-	-	1.2
Malignant melanoma	M 150	2	90	3.4	0.1	5.9	-	-	-	-	0.4	-	0.4
	F 103	9	45	1.9	0.5	2.7	-	-	-	-	-	2.4	1.2
Female breast cancer	F 1659	8	932	30.7	0.5	54.9	-	-	-	-	-	1.6	1.6
Cervix cancer	F 477	10	324	9.8	0.6	18.6	-	-	-	-	-	0.4	3.5
Other uterine cancer	F 306	2	137	5.3	0.1	8.2	-	-	-	-	-	-	0.8
Ovarian cancer	F 416	7	234	7.8	0.4	14.0	-	-	-	-	0.9	0.4	1.6
Prostate cancer	M 1071	-	216	21.5	-	16.8	-	-	-	-	-	-	-
Bladder cancer	M 428	-	146	8.9	-	10.4	-	-	-	-	-	-	-
	F 141	-	41	2.2	-	2.6	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M 1805	52	967	40.4	3.1	64.4	2.2	1.0	0.5	2.3	3.3	5.8	6.5
	F 1645	43	701	28.9	3.0	42.5	3.0	2.7	3.3	5.3	0.9	2.0	3.5
Hodgkin's disease	M 32	7	16	0.8	0.4	1.0	-	-	-	-	0.8	1.2	0.8
	F 29	6	11	0.6	0.4	0.6	-	-	-	0.5	0.9	-	1.2
Myeloma and non- Hodgkin lymphomas	M 313	10	160	6.9	0.6	10.5	0.6	-	-	0.5	0.8	0.4	1.9
	F 242	2	109	4.2	0.1	6.8	-	-	-	-	0.9	-	-
Leukaemia	M 336	18	143	7.4	1.2	9.7	1.7	0.5	2.1	0.9	0.8	1.2	1.1
	F 251	19	91	4.5	1.3	5.4	1.8	1.1	0.6	1.4	1.8	1.2	1.2
Diabetes	M 1364	3	517	28.9	0.2	37.4	-	0.5	-	-	-	0.4	0.4
	F 1831	4	378	26.9	0.2	24.6	-	-	-	-	0.4	0.4	0.8
ALL VASCULAR DISEASE	M 25633	97	7066	531.4	5.7	493.8	2.2	-	1.6	5.1	5.8	8.9	16.1
	F 30815	48	3840	425.2	2.9	246.9	0.6	1.6	0.6	1.4	3.5	5.2	7.5
Rheumatic heart disease and fever	M 22	-	5	0.4	-	0.4	-	-	-	-	-	-	-
	F 37	-	13	0.6	-	0.9	-	-	-	-	-	-	-
Hypertensive disease	M 1419	3	419	29.4	0.2	29.5	-	-	-	-	-	0.4	0.8
	F 2201	2	265	30.2	0.1	16.9	-	-	-	-	-	-	0.8
Ischaemic heart disease	M 6462	22	2548	138.0	1.2	173.6	-	-	-	0.5	0.8	1.9	5.3
	F 5620	7	995	80.5	0.4	63.6	-	-	-	0.5	1.8	0.4	0.4
Pulmonary embolism and other venous	M 212	3	90	4.6	0.2	6.1	-	-	-	-	0.8	-	0.4
	F 304	2	91	4.8	0.1	5.7	-	-	-	-	0.4	0.4	-
Cerebrovascular disease	M 6941	20	1660	141.6	1.2	120.2	0.6	-	0.5	0.9	0.4	2.7	3.1
	F 9140	17	1245	127.4	1.0	80.3	0.6	1.1	-	-	-	1.6	3.9
Other vascular disease	M 10577	49	2344	217.4	2.9	164.1	1.7	-	1.1	3.7	3.8	3.9	6.5
	F 13513	20	1231	181.7	1.2	79.6	-	0.5	0.6	1.0	1.3	2.8	2.4
Chronic obstructive pulmonary disease	M 1679	7	426	34.3	0.4	31.4	-	-	1.1	-	0.8	0.8	0.4
	F 993	3	204	14.6	0.2	12.8	-	-	-	-	0.4	0.8	-
Other respiratory disease	M 775	30	296	17.1	2.0	20.1	6.7	1.0	-	0.9	0.4	2.3	2.7
	F 656	19	164	10.4	1.3	10.1	3.0	-	1.1	1.4	0.9	1.6	1.2
Peptic ulcer	M 323	-	128	6.9	-	9.2	-	-	-	-	-	-	-
	F 266	-	58	3.9	-	3.6	-	-	-	-	-	-	-
Liver cirrhosis	M 667	2	494	15.6	0.1	31.3	-	-	-	-	-	-	0.8
	F 188	3	112	3.5	0.2	6.6	0.6	-	-	0.5	-	-	0.4
Renal disease	M 1029	6	281	21.2	0.4	19.6	-	0.5	0.5	0.5	0.4	0.4	0.4
	F 887	5	211	13.4	0.3	13.4	0.6	-	-	0.9	0.4	0.4	0.4
Pregnancy, birth Congenital and perinatal causes	F 12	10	2	0.3	0.6	0.1	-	-	-	-	1.3	0.8	2.0
	M 253	243	10	11.0	19.2	0.6	130.2	0.5	0.5	0.9	0.4	1.2	0.8
Ill-defined causes	M 198	185	13	9.0	15.6	0.8	102.6	1.1	3.3	-	0.9	0.4	0.8
	F 2363	138	991	53.1	8.6	64.6	17.3	1.0	-	2.8	8.8	15.1	14.9
Other medical causes	M 3059	81	1103	65.8	5.1	73.9	4.5	3.0	2.6	6.5	5.8	5.4	7.7
	F 3025	59	687	46.4	4.0	42.1	8.3	0.5	5.0	1.9	2.6	5.2	4.7
ALL NON- MEDICAL CAUSES	M 2473	485	1314	60.8	28.7	81.4	8.4	5.6	6.8	28.6	46.8	49.8	54.7
	F 914	109	345	17.5	6.9	20.2	6.6	2.7	0.6	7.3	8.8	12.8	9.8
Road traffic accidents	M 466	168	235	12.3	10.0	14.6	2.2	2.0	2.6	13.4	20.1	17.0	13.0
	F 139	28	56	3.0	1.8	3.2	1.8	1.1	-	2.9	2.6	2.0	2.4
Fire	M 47	4	16	1.1	0.2	1.0	0.6	-	-	-	0.4	0.4	0.4
	F 25	2	5	0.5	0.2	0.3	1.2	-	-	-	-	-	-
Suicide	M 905	106	511	21.5	6.0	31.3	-	-	-	3.7	8.8	12.7	16.8
	F 304	24	150	5.9	1.4	8.8	-	-	-	1.0	1.8	3.2	3.9
POPULATION: (1000s; UN, 2015 revision)	M=male			3546.4	1543.5	1632.9	178.9	196.5	191.2	216.8	239.4	259.1	261.6
	F=female			3745.1	1476.1	1738.2	167.7	186.1	181.8	206.2	228.4	250.7	255.0

*Excludes Kosovo

2010: SERBIA

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			
167.6	278.0	533.9	944.9	1534.9	2219.4	3436.2	5118.2	8372.2	14088.0	M	ALL CAUSES	001–999/A00–Y89
86.7	152.7	264.7	425.6	730.5	1086.4	1949.9	3334.5	6389.2	13830.4	F	Tuberculosis	010–018, 137/ A15–A19, B90
1.6	2.6	2.1	4.2	5.7	2.7	6.7	8.6	9.2	16.3	M	Other infective and parasitic	Rest of 001–139, 279, 58/6/ rest of A00–B99 excl A33, A34
–	1.2	0.8	0.7	1.3	1.2	1.6	4.0	5.9	7.5	F		
2.0	1.7	3.7	7.0	5.3	3.7	8.7	13.2	17.5	21.4	M		
0.8	1.2	1.2	3.3	4.3	3.2	10.9	11.5	16.4	14.3	F		
30.4	67.0	153.8	306.9	567.4	790.2	1098.8	1323.5	1699.6	1617.7	M	ALL CANCER	140–208/C00–C97
39.5	73.8	129.2	217.4	339.5	432.9	597.4	711.0	893.5	985.1	F		
–	0.8	12.8	20.5	31.5	37.0	30.1	31.6	21.6	26.5	M	Mouth and pharynx cancer	140–149/C00–C14
0.4	–	1.2	4.0	4.7	6.5	3.3	6.5	11.2	19.9	F	Oesophagus cancer	150/C15
1.2	2.6	5.4	7.0	14.2	20.6	27.4	21.7	20.0	9.2	M		
0.4	0.4	0.8	1.5	1.7	2.4	3.8	5.0	5.9	11.8	F		
1.6	3.8	8.2	15.4	25.2	43.4	54.2	95.5	113.2	81.6	M	Stomach cancer	151/C16
1.2	3.3	3.2	8.8	10.0	12.5	27.8	25.0	51.7	51.7	F		
3.2	9.4	13.6	29.7	51.4	82.3	141.3	181.7	269.8	250.9	M	Colorectal cancer	153, 154/C18–C21
3.2	4.6	8.7	18.8	28.4	42.8	64.4	87.6	126.2	153.8	F		
0.8	1.7	4.1	8.5	18.4	26.1	30.8	59.3	64.1	51.0	M	Liver cancer	155.0, 155.1/C22
–	0.8	1.2	2.6	8.7	12.5	17.5	24.0	38.2	34.2	F		
1.2	3.0	8.7	13.1	27.6	40.7	61.6	56.0	76.6	66.3	M	Pancreas cancer	157/C25
1.6	2.9	5.2	6.3	14.4	20.2	38.2	47.5	68.1	63.5	F		
–	1.7	2.9	11.2	19.9	23.3	34.8	34.2	44.1	32.6	M	Larynx cancer	161/C32
0.4	0.4	–	0.4	2.3	4.0	3.3	3.5	4.1	5.0	F		
4.1	16.2	57.3	123.5	238.5	308.1	401.7	387.8	409.7	284.6	M	Lung cancer	162/C33, C34
4.5	5.8	23.4	49.0	64.5	78.8	96.0	103.1	103.9	87.2	F		
2.8	0.8	2.9	3.9	8.2	10.5	12.1	11.2	18.3	19.4	M	Malignant melanoma	172/C43
1.6	2.1	0.8	0.7	4.3	2.8	6.5	6.5	7.6	14.3	F		
10.2	19.2	31.4	46.8	76.9	90.9	109.1	119.6	124.5	166.9	F	Female breast cancer	174/C50
5.7	10.8	17.5	21.7	23.1	27.5	24.0	29.0	28.8	22.4	F	Cervix cancer	180/C53
0.4	1.7	2.8	6.3	10.7	15.8	20.2	30.0	31.7	33.0	F	Other uterine cancer	179, 182/C54, C55
2.4	5.4	8.7	11.4	14.1	27.1	28.9	27.0	39.3	33.6	F	Ovarian cancer	183.0/C56
–	0.4	0.4	3.1	11.3	30.6	71.6	146.8	249.0	339.6	M	Prostate cancer	185/C61
0.8	0.4	3.3	3.9	10.3	21.0	33.5	50.7	79.9	111.2	M	Bladder cancer	188/C67
–	0.8	–	1.5	4.0	2.4	9.3	9.0	14.7	35.5	F		
9.7	20.0	27.6	51.3	83.3	107.9	150.7	177.8	225.7	249.9	M	Other and ill-defined cancer sites	Rest of 140–199/ rest of C00–C80, C97
5.3	12.9	18.3	28.7	54.9	67.9	109.7	140.1	171.4	204.9	F	Hodgkin's disease	201/C81
1.6	0.8	0.4	0.8	0.7	1.4	1.3	1.3	5.0	1.0	M		
0.4	0.4	0.4	0.7	1.3	0.8	–	2.5	2.4	1.9	F		
2.4	0.8	4.5	9.7	14.5	18.3	23.4	30.3	48.3	39.8	M	Myeloma and non– Hodgkin lymphomas	200, 202–203/ C82–C90, C96
1.6	0.4	1.2	6.6	6.7	8.5	22.9	24.0	28.8	21.2	F		
0.8	4.3	1.6	5.4	12.4	19.2	24.1	37.5	54.1	54.1	M	Leukaemia	204–208/C91–C95
–	1.7	4.4	1.5	8.7	9.3	12.6	21.0	35.2	24.3	F		
1.2	3.4	6.6	26.2	28.7	69.9	125.9	180.4	236.5	291.7	M	Diabetes	250/E10–E14
2.0	2.1	4.4	7.0	19.4	45.3	91.7	166.6	269.5	409.1	F		
30.4	80.2	163.7	315.7	549.0	831.8	1485.8	2558.8	4646.6	9183.9	M	ALL VASCULAR DISEASE	390–459/I00–I99
15.5	32.1	62.4	97.3	229.1	390.8	901.3	1869.9	4133.0	10056.8	F	Rheumatic heart disease and fever	390–398/I00–I09
–	–	–	–	0.3	0.9	1.3	4.6	4.2	5.1	M	Hypertensive disease	401–405/I10–I15
0.4	0.4	0.4	0.4	–	1.2	3.3	1.0	4.1	9.3	F		
2.0	4.3	8.7	17.4	30.1	54.9	89.0	124.5	274.8	487.6	M		
0.4	0.8	4.4	7.0	17.4	28.3	60.0	137.1	285.9	730.4	F		
10.6	34.1	66.4	136.2	213.7	285.6	468.7	684.8	994.3	1691.1	M	Ischaemic heart disease	410–414/I20–I25
4.5	5.8	16.3	28.4	61.9	101.8	226.4	389.3	805.5	1536.8	F		
0.8	1.7	2.9	3.9	7.4	11.0	14.7	24.4	35.0	40.8	M	Pulmonary embolism	415.1, 451–453/ I26, 180–182
1.2	1.7	1.6	3.0	4.7	11.3	16.4	25.0	42.9	54.8	F		
2.4	14.5	31.3	52.5	118.0	208.9	413.8	771.7	1479.8	2358.2	M	Cerebrovascular disease	430–438/I60–I69
3.2	11.3	23.4	30.2	77.9	114.8	301.2	633.5	1374.9	2659.0	F		
14.6	25.6	54.4	105.8	179.3	270.6	498.2	948.8	1858.6	4601.1	M	Other vascular disease	Rest of 390–459/ rest of I00–I99
5.7	12.1	16.3	28.4	67.2	133.4	294.1	684.0	1619.8	5066.4	F		
1.2	1.3	6.2	12.7	27.6	56.2	114.5	209.4	366.4	497.8	M	Chronic obstructive pulmonary disease	490–496/ J40–J47, J67
0.8	0.4	3.6	8.5	14.1	19.0	43.6	72.0	127.4	264.6	F		
6.1	6.0	13.6	13.9	17.4	33.8	50.2	70.5	121.6	199.9	M	Other respiratory disease	Rest of 460–519/ rest of J00–J98
2.0	4.6	4.8	7.4	9.7	14.6	27.8	40.5	85.7	153.2	F		
–	1.7	2.9	7.7	6.7	15.5	29.5	24.4	58.3	89.8	M	Peptic ulcer	531–533/K25–K27
0.4	0.8	1.2	1.1	2.7	8.9	10.4	17.5	28.8	77.2	F		
5.7	11.5	23.1	33.6	42.9	51.6	50.9	48.1	50.0	38.8	M	Liver cirrhosis	571/K70, K74
0.4	2.1	1.6	6.6	7.7	14.9	13.1	12.5	12.9	16.2	F		
2.4	0.8	7.0	10.0	23.8	35.2	57.6	107.3	215.7	326.4	M	Renal disease	580–590/N00–N19
1.6	2.1	3.6	7.7	10.7	24.6	43.1	78.1	132.7	180.0	F		
0.8	–	–	–	–	–	–	–	–	–	F	Pregnancy, birth	630–676/A34,000–O99
0.4	–	0.4	0.8	1.4	0.9	–	–	–	–	M	Congenital and perinatal causes	740–779/A33, P00–P96, Q00–Q99
1.6	0.4	0.4	0.7	0.3	1.2	0.6	–	–	–	F	III-defined causes	780–799/R00–R99
17.1	20.0	37.9	59.4	84.7	99.6	133.2	160.7	241.5	714.0	M		
6.1	7.1	13.5	15.5	25.1	36.4	62.2	100.6	211.9	772.2	F		
15.8	24.3	35.9	59.4	81.2	126.1	174.8	283.1	522.1	834.3	M	Other medical causes	Rest of 001–799/ rest of A00–R99
8.9	12.5	21.5	25.4	45.5	69.9	110.8	197.7	388.6	761.0	F		
53.2	57.6	77.1	87.2	93.2	101.9	99.8	130.4	187.4	256.0	M	ALL NON– MEDICAL CAUSES	E800–E999/V01–Y89
6.1	12.1	16.7	26.9	21.1	23.4	35.5	52.5	82.8	133.3	F		
11.0	14.5	14.0	14.7	15.2	14.6	18.1	15.1	22.5	13.3	M	Road traffic accidents	E810–E819, E826–E829/ part of V01–V99, Y850
1.6	2.9	1.6	5.2	4.0	3.2	3.8	7.5	11.2	13.1	F		
0.8	1.3	0.4	1.5	0.3	1.4	1.3	4.6	5.8	13.3	M	Fire	E890–E899/X00–X09
–	–	0.4	0.7	–	1.1	–	1.5	2.9	6.2	F		
16.2	19.6	28.0	37.8	41.5	40.7	35.5	54.0	72.5	121.4	M	Suicide	E950–E959/X60–X84
0.8	5.4	6.4	12.2	10.7	9.3	16.9	21.0	23.5	29.9	F		
246.4	234.5	242.6	259.1	282.2	218.8	149.4	151.9	120.1	98.0	M	POPULATION	
245.8	239.7	251.6	271.4	299.0	247.4	183.3	199.9	170.3	160.6	F	(1000s; UN, 2015 revision)	

SERBIA: 2010**Relative importance of deaths in MIDDLE age (35–69) in the year 2010**

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 1.3	– / 0.6	–
35–69	8.9 / 19	2.7 / 11	21 years
70+	6.6 / 32	3.5 / 40	8 years
All ages	15 / 52	6.2 / 51	15 years

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	2.3/2.4	1.2/1.4	3.5/3.8	–/0.0	0.6/0.8	0.3/0.5	1.0/1.3
All Cancer	–/0.1	3.4/6.3 (55%)	1.8/5.6 (32%)	5.2/12	–/0.1	0.8/4.4 (19%)	0.4/4.5 (10%)	1.3/9.0
Vascular	–/0.1	3.8/7.1	3.3/18	7.0/26	–/0.0	1.3/3.7	2.3/27	3.6/31
Respiratory	–/0.0	0.5/0.8	1.0/1.9	1.5/2.7	–/0.0	0.2/0.4	0.5/1.3	0.7/1.7
All Other	–/1.0	1.2/4.9	0.5/5.8	1.7/12	–/0.4	0.4/2.3	0.3/7.0	0.7/9.6
All Causes	–/1.3	8.9/19 (47%)	6.6/32 (21%)	15/52	–/0.6	2.7/11 (25%)	3.5/40 (9%)	6.2/51

**Cancer deaths, and all deaths,
attributed to SMOKING / total deaths (thousands) in the year 2010**

Cause	Male	Female	Male + Female
All Cancer	5.2 / 12 (43%)	1.3 / 9.0 (14%)	6.5 / 21 (31%)
All Causes	15 / 52 (30%)	6.2 / 51 (12%)	22 / 103 (21%)

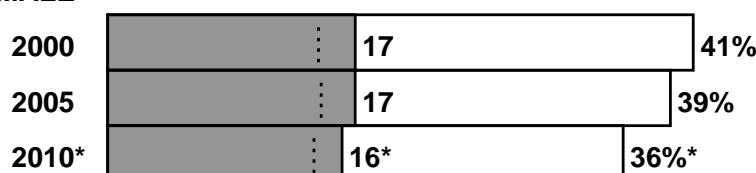
2000-2010: SERBIA

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)

MALE



*eg, at year 2010 male death rates, out of 100 men aged 35, 36 would die before age 70 (with 16 of these deaths attributed to smoking)

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

