

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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MONTENEGRO

Raw data (pages 330–31)

Analyses (pages 332–33)

(revised September 2015)

MONTENEGRO: 2010[†]

[†]2009 rates applied
to 2010 population

		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	2934	102	1182	952.0	66.4	1105.1	135.3	4.8	9.0	40.0	59.9	91.7	123.8	
	F	2699	55	664	645.9	38.8	565.8	145.9	20.6	4.8	4.8	24.4	30.1	40.7	
Tuberculosis	M	–	–	–	–	–	–	–	–	–	–	–	–	–	
	F	1	–	–	0.2	–	–	–	–	–	–	–	–	–	
Other infective and parasitic	M	3	1	1	0.9	0.6	0.7	–	–	–	4.4	–	–	–	
	F	2	1	1	0.7	0.7	0.7	–	–	–	–	–	–	4.5	
ALL CANCER	M	489	7	256	157.2	4.4	243.0	–	–	4.5	4.4	4.6	8.3	9.2	
	F	357	4	194	94.9	2.5	155.8	–	–	–	–	–	12.9	4.5	
Mouth and pharynx cancer	M	3	–	3	0.9	–	2.3	–	–	–	–	–	–	–	
	F	2	–	1	0.5	–	0.7	–	–	–	–	–	–	–	
Oesophagus cancer	M	11	–	9	3.6	–	8.7	–	–	–	–	–	–	–	
	F	4	–	2	1.0	–	1.3	–	–	–	–	–	–	–	
Stomach cancer	M	21	–	10	6.8	–	10.0	–	–	–	–	–	–	–	
	F	17	–	6	4.3	–	4.0	–	–	–	–	–	–	–	
Colorectal cancer	M	32	1	13	10.4	0.6	14.3	–	–	–	–	–	4.2	–	
	F	46	–	19	11.5	–	17.6	–	–	–	–	–	–	–	
Liver cancer	M	18	–	7	5.8	–	6.6	–	–	–	–	–	–	–	
	F	14	–	4	3.3	–	2.6	–	–	–	–	–	–	–	
Pancreas cancer	M	27	1	19	9.0	0.6	18.6	–	–	–	4.4	–	–	–	
	F	25	–	8	6.1	–	6.9	–	–	–	–	–	–	–	
Larynx cancer	M	33	–	21	10.3	–	18.7	–	–	–	–	–	–	–	
	F	10	–	6	2.6	–	4.8	–	–	–	–	–	–	–	
Lung cancer	M	201	3	116	64.6	1.9	108.9	–	–	–	–	4.6	4.2	4.6	
	F	60	1	45	17.0	0.6	35.0	–	–	–	–	–	4.3	–	
Malignant melanoma	M	–	–	–	–	–	–	–	–	–	–	–	–	–	
	F	5	–	4	1.5	–	3.3	–	–	–	–	–	–	–	
Female breast cancer	F	69	–	42	18.9	–	31.7	–	–	–	–	–	–	–	
Cervix cancer	F	11	2	8	3.4	1.3	6.7	–	–	–	–	–	4.3	4.5	
Other uterine cancer	F	11	–	7	3.0	–	6.2	–	–	–	–	–	–	–	
Ovarian cancer	F	19	–	12	5.1	–	9.2	–	–	–	–	–	–	–	
Prostate cancer	M	45	–	7	14.3	–	8.0	–	–	–	–	–	–	–	
Bladder cancer	M	10	–	3	3.0	–	2.3	–	–	–	–	–	–	–	
	F	5	–	–	1.1	–	–	–	–	–	–	–	–	–	
Other and ill-defined cancer sites	M	66	1	35	20.9	0.7	31.1	–	–	–	–	–	–	4.6	
	F	62	1	34	16.6	0.7	28.2	–	–	–	–	–	–	4.5	
Hodgkin's disease	M	3	–	2	1.0	–	1.7	–	–	–	–	–	–	–	
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
Myeloma and non- Hodgkin lymphomas	M	12	1	9	4.1	0.6	9.3	–	–	–	4.4	–	–	–	
	F	6	–	2	1.5	–	2.0	–	–	–	–	–	–	–	
Leukaemia	M	8	–	2	2.6	–	1.7	–	–	–	–	–	–	–	
	F	3	1	2	1.0	0.6	1.6	–	–	–	–	–	4.3	–	
Diabetes	M	31	–	15	9.8	–	15.0	–	–	–	–	–	–	–	
	F	46	–	10	10.7	–	8.8	–	–	–	–	–	–	–	
ALL VASCULAR DISEASE	M	1495	18	515	487.8	11.6	501.3	14.5	–	–	13.3	13.8	16.7	22.9	
	F	1618	9	287	372.1	5.9	255.7	–	5.2	–	–	4.9	12.9	18.1	
Rheumatic heart disease and fever	M	3	–	2	0.9	–	1.4	–	–	–	–	–	–	–	
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
Hypertensive disease	M	1	–	1	0.3	–	0.7	–	–	–	–	–	–	–	
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
Ischaemic heart disease	M	249	–	114	80.3	–	107.2	–	–	–	–	–	–	–	
	F	153	1	41	36.4	0.7	34.6	–	–	–	–	–	–	4.5	
Pulmonary embolism and other venous	M	7	–	6	2.4	–	5.5	–	–	–	–	–	–	–	
	F	9	–	5	2.5	–	4.7	–	–	–	–	–	–	–	
Cerebrovascular disease	M	200	2	55	65.2	1.3	57.3	–	–	–	4.4	–	–	4.6	
	F	300	1	55	69.2	0.7	51.8	–	–	–	–	–	–	4.5	
Other vascular disease	M	1035	18	334	338.5	11.6	326.1	14.5	–	–	13.3	13.8	16.7	22.9	
	F	1161	8	188	265.4	5.2	166.0	–	5.2	–	–	4.9	12.9	13.6	
Chronic obstructive pulmonary disease	M	1	–	–	0.3	–	–	–	–	–	–	–	–	–	
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other respiratory disease	M	161	5	50	51.2	3.2	46.6	9.7	–	–	–	–	8.3	4.6	
	F	107	2	22	25.1	1.4	19.9	5.2	–	–	–	4.9	–	–	
Peptic ulcer	M	10	–	4	3.2	–	4.2	–	–	–	–	–	–	–	
	F	11	–	3	2.7	–	2.5	–	–	–	–	–	–	–	
Liver cirrhosis	M	1	–	1	0.3	–	0.7	–	–	–	–	–	–	–	
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
Renal disease	M	45	–	20	14.4	–	18.3	–	–	–	–	–	–	–	
	F	35	–	9	8.2	–	8.6	–	–	–	–	–	–	–	
Pregnancy, birth Congenital and perinatal causes	F	–	–	–	–	–	–	–	–	–	–	–	–	–	
	M	20	20	–	7.7	13.8	–	96.6	–	–	–	–	–	–	
	F	23	23	–	9.6	17.1	–	119.9	–	–	–	–	–	–	
Ill-defined causes	M	427	26	176	137.9	16.5	157.7	14.5	–	–	4.4	4.6	41.7	50.5	
	F	374	4	87	88.2	2.7	74.8	–	5.2	–	–	4.9	4.3	4.5	
Other medical causes	M	105	5	53	34.0	3.4	46.6	9.7	–	–	–	4.6	–	9.2	
	F	73	1	23	17.9	0.7	18.8	5.2	–	–	–	–	–	–	
ALL NON- MEDICAL CAUSES	M	152	22	95	49.4	14.1	74.2	–	–	4.5	13.3	36.9	16.7	27.5	
	F	56	8	31	15.9	5.4	22.8	–	5.2	4.8	–	14.6	4.3	9.0	
Road traffic accidents	M	45	15	22	14.4	9.6	16.8	–	–	4.5	13.3	27.7	12.5	9.2	
	F	21	5	11	6.1	3.4	8.2	–	–	4.8	–	14.6	4.3	–	
Fire	M	1	–	1	0.3	–	0.7	–	–	–	–	–	–	–	
	F	3	2	1	1.0	1.4	0.7	–	5.2	4.8	–	–	–	–	
Suicide	M	74	3	49	24.4	1.9	39.5	–	–	–	–	9.2	4.2	–	
	F	24	1	14	6.6	0.7	10.2	–	–	–	–	–	–	4.5	
POPULATION:															
(1000s; UN, 2015 revision)			M=male		306.8	153.7	129.3	20.7	20.9	22.1	22.5	21.7	24.0	21.8	
			F=female		315.1	146.2	135.9	19.2	19.4	20.7	21.0	20.5	23.3	22.1	

2010[†]: MONTENEGRO[†]2009 rates applied to 2010 population

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			
163.9	230.5	446.6	805.5	1249.2	2047.5	2792.7	4269.2	6431.7	12857.1	M	ALL CAUSES	001-999/A00-Y89
56.0	113.8	261.6	461.3	531.2	917.7	1619.2	2784.5	5290.6	11553.4	F		
-	-	-	-	-	-	-	-	-	-	M	Tuberculosis	010-018, 137/A15-A19, B90
-	-	-	-	4.6	-	-	9.1	-	10.8	M	Other infective and parasitic	Rest of 001-139, 279.5&6/rest of A00-B99 excl A33, A34
-	-	-	4.8	-	-	-	-	-	-	F		
4.8	20.0	86.6	170.6	283.3	538.4	597.0	772.1	1042.2	1175.4	M	ALL CANCER	140-208/C00-C97
14.0	49.5	103.7	173.0	175.6	271.0	303.6	479.6	511.7	451.8	F		
-	-	4.6	-	4.6	7.1	-	-	-	-	M	Mouth and pharynx cancer	140-149/C00-C14
4.7	-	-	-	-	-	-	-	10.2	-	F		
-	-	4.6	4.7	13.9	7.1	30.4	18.2	-	-	M	Oesophagus cancer	150/C15
-	-	-	-	9.0	-	-	7.2	10.2	-	F		
-	-	4.6	4.7	9.3	21.2	30.4	27.2	68.6	54.2	M	Stomach cancer	151/C16
4.7	5.0	4.5	9.6	4.5	-	-	28.6	30.7	43.0	F		
-	-	4.6	-	13.9	21.2	60.7	63.6	68.6	108.5	M	Colorectal cancer	153, 154/C18-C21
-	-	9.0	-	13.5	30.8	70.1	93.1	71.6	75.3	F		
-	-	-	9.5	9.3	7.1	20.2	9.1	82.3	72.3	M	Liver cancer	155.0, 155.1/C22
-	-	4.5	-	13.5	-	-	28.6	10.2	53.8	F		
-	-	-	9.5	23.2	56.7	40.5	18.2	27.4	54.2	M	Pancreas cancer	157/C25
-	5.0	-	4.8	9.0	6.2	23.4	71.6	30.7	43.0	F		
-	-	9.1	9.5	32.5	49.6	30.4	54.5	68.6	18.1	M	Larynx cancer	161/C32
-	-	-	4.8	9.0	12.3	7.8	7.2	10.2	21.5	F		
-	15.0	45.6	90.0	130.0	198.4	283.3	336.1	356.6	343.6	M	Lung cancer	162/C33, C34
-	9.9	27.1	33.6	49.5	86.2	38.9	28.6	61.4	43.0	F		
-	-	4.5	4.8	-	6.2	7.8	7.2	-	-	M	Malignant melanoma	172/C43
4.7	14.8	27.1	52.9	31.5	67.8	23.4	121.7	61.4	43.0	F	Female breast cancer	174/C50
-	-	4.5	14.4	4.5	-	23.4	7.2	-	-	F	Cervix cancer	180/C53
-	5.0	-	-	4.5	18.5	15.6	-	30.7	10.8	F	Other uterine cancer	179, 182/C54, C55
4.7	-	4.5	9.6	18.0	12.3	15.6	43.0	10.2	-	F	Ovarian cancer	183.0/C56
-	-	-	-	4.6	21.2	30.4	90.8	178.3	271.2	M	Prostate cancer	185/C61
-	-	4.6	-	4.6	7.1	-	27.2	41.1	18.1	M	Bladder cancer	188/C67
-	-	-	-	-	-	-	14.3	10.2	21.5	F		
4.8	5.0	13.7	37.9	27.9	77.9	50.6	109.0	164.6	108.5	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
-	9.9	27.1	33.6	18.0	30.8	77.8	21.5	153.5	96.8	F	Hodgkin's disease	201/C81
-	-	-	4.7	-	7.1	-	9.1	-	-	M		
-	-	-	-	-	-	-	-	-	-	F		
-	-	4.6	4.7	-	35.4	20.2	18.2	-	-	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C90, C96
-	-	-	-	-	6.2	7.8	7.2	10.2	21.5	F	Leukaemia	204-208/C91-C95
-	-	-	-	4.6	7.1	-	-	27.4	72.3	M		
-	5.0	-	-	6.2	7.1	-	-	-	-	F		
-	-	4.6	9.5	23.2	7.1	60.7	81.8	54.9	54.2	M	Diabetes	250/E10-E14
-	-	4.5	4.8	9.0	12.3	31.1	50.1	102.3	204.4	F		
48.2	80.2	168.6	317.5	501.5	956.4	1436.8	2161.9	3634.1	8300.2	M	ALL VASCULAR DISEASE	390-459/I00-I99
18.7	24.7	90.2	148.9	202.6	425.0	879.6	1596.3	3366.8	8283.1	F		
-	5.0	-	4.7	-	-	-	9.1	-	-	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	-	-	-	-	-	F		
-	-	-	-	4.6	-	-	-	-	-	M	Hypertensive disease	401-405/I10-I15
-	-	-	-	-	-	-	-	-	-	F		
4.8	10.0	54.7	85.3	125.4	177.1	293.4	445.1	480.0	922.2	M	Ischaemic heart disease	410-414/I20-I25
4.7	-	9.0	28.8	40.5	73.9	85.6	207.6	266.1	602.4	F		
-	5.0	-	4.7	4.6	14.2	10.1	-	13.7	-	M	Pulmonary embolism and other venous	415.1, 451-453/126, 180-182
-	-	4.5	4.8	-	-	23.4	14.3	-	21.5	F		
-	-	-	33.2	51.1	134.6	182.1	263.4	617.1	1247.7	M	Cerebrovascular disease	430-438/I60-I69
4.7	9.9	9.0	28.8	22.5	61.6	225.8	315.0	726.6	1387.7	F		
43.4	60.1	113.9	189.5	311.1	623.5	941.0	1453.4	2523.3	6130.2	M	Other vascular disease	Rest of 390-459/rest of I00-I99
9.3	19.8	67.6	86.5	144.1	289.5	544.9	1059.4	2374.1	6293.0	F	Chronic obstructive pulmonary disease	490-496/J40-J47, J67
-	-	-	-	-	-	-	9.1	-	-	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
4.8	5.0	18.2	28.4	51.1	127.5	91.1	363.3	356.6	723.3	M		
-	5.0	4.5	9.6	13.5	37.0	70.1	121.7	266.1	430.3	F		
-	-	-	-	9.3	-	20.2	9.1	41.1	36.2	M	Peptic ulcer	531-533/K25-K27
-	9.9	-	-	-	-	7.8	21.5	10.2	43.0	F		
-	5.0	-	-	-	-	-	-	-	-	M	Liver cirrhosis	571/K70, K74
-	-	-	-	-	-	-	-	-	-	F		
-	5.0	9.1	18.9	23.2	21.2	50.6	72.7	109.7	162.8	M	Renal disease	580-590/N00-N19
-	-	-	-	4.5	24.6	31.1	43.0	81.9	129.1	F		
-	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	-	-	-	-	-	-	-	-	F	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
48.2	50.1	63.8	127.9	209.0	240.9	364.3	590.4	836.5	1790.2	M	Ill-defined causes	780-799/R00-R99
14.0	-	36.1	72.1	72.0	80.1	249.1	372.2	788.0	1656.6	F		
9.6	10.0	22.8	28.4	78.9	85.0	91.1	90.8	219.4	379.8	M	Other medical causes	Rest of 001-799/rest of A00-R99
4.7	9.9	4.5	14.4	18.0	49.3	31.1	50.1	143.3	301.2	F		
57.9	60.1	72.9	109.0	65.0	63.8	91.1	99.9	150.8	235.1	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
4.7	19.8	22.6	28.8	36.0	24.6	23.4	57.3	30.7	64.5	F		
28.9	10.0	18.2	18.9	13.9	7.1	20.2	27.2	41.1	36.2	M	Road traffic accidents	E810-E819, E826-E829/part of V01-V99, Y850
-	5.0	4.5	14.4	13.5	12.3	7.8	14.3	10.2	21.5	F		
-	-	-	-	4.6	-	-	-	-	-	M	Fire	E890-E899/X00-X09
-	-	-	4.8	-	-	-	-	-	-	F		
24.1	30.1	36.5	56.9	32.5	35.4	60.7	54.5	68.6	198.9	M	Suicide	E950-E959/X60-X84
4.7	9.9	9.0	9.6	18.0	12.3	7.8	28.6	20.5	32.3	F		
20.7	20.0	21.9	21.1	21.5	14.1	9.9	11.0	7.3	5.5	M	POPULATION	
21.4	20.2	22.2	20.8	22.2	16.2	12.8	14.0	9.8	9.3	F	(1000s; UN, 2015 revision)	

MONTENEGRO: 2010[†][†]2010 mortality involves 2009 rates applied to 2010 population**Relative importance of deaths in MIDDLE age (35–69) in the year 2010**

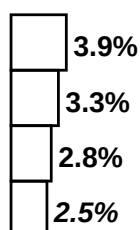
Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 0.1	– / 0.1	–
35–69	0.5 / 1.2	0.2 / 0.7	23 years
70+	0.3 / 1.7	0.1 / 2.0	9 years
All ages	0.8 / 3.0	0.2 / 2.8	17 years

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

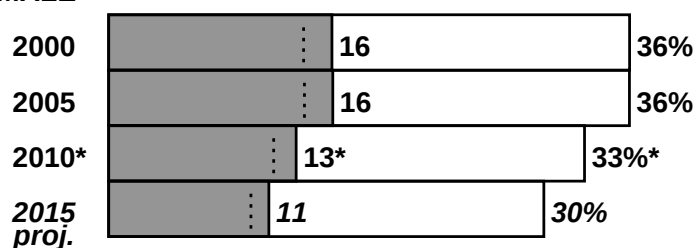
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/3	110/119	78/88	188/210	–/1	37/47	9/18	46/66
All Cancer	–/7	146/266 (55%)	100/244 (41%)	246/517	–/5	46/206 (22%)	10/159 (6%)	56/370
Vascular	–/18	232/520	170/957	402/1495	–/10	87/303	58/1328	145/1641
Respiratory	–/5	23/47	20/102	43/154	–/2	7/25	4/84	11/111
All Other	–/95	83/365	33/352	116/812	–/43	26/174	9/422	35/639
All Causes	–/125	484/1196 (40%)	323/1654 (20%)	807/2975	–/61	166/704 (24%)	81/1993 (4%)	247/2758

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

Cause	Male	Female	Male + Female
All Cancer	0.2 / 0.5 (48%)	0.1 / 0.4 (15%)	0.3 / 0.9 (34%)
All Causes	0.8 / 3.0 (27%)	0.2 / 2.8 (9%)	1.1 / 5.7 (18%)

2000-2015[‡]: MONTENEGRO[‡]2010 mortality involves 2009 rates applied to 2010 populationPopulation risk of
dying at ages 0–34Population 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, 33 would die before age 70 (with 13 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

