

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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CAUCASIA

(Armenia, Azerbaijan, Georgia)

Raw data (pages 102–3)

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(revised September 2015)

CAUCASIA (3 countries*): 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	83223	7268	34609	1408.4	155.7	1707.0	436.4	41.8	42.6	73.3	118.2	162.2	215.6	
	F	76574	3882	18571	911.5	93.2	824.2	352.0	34.8	33.7	38.0	46.4	68.5	79.2	
Tuberculosis	M	574	137	373	8.2	2.9	13.7	0.2	-	0.2	0.9	3.5	5.2	10.6	
	F	113	42	51	1.3	0.8	1.6	-	-	0.2	0.8	1.9	2.4	0.5	
Other infective and parasitic	M	274	123	112	3.8	2.7	4.1	14.0	0.2	0.8	0.7	1.1	1.1	0.8	
	F	197	85	51	2.6	2.1	2.1	12.0	0.8	0.2	0.6	0.4	0.7	0.3	
ALL CANCER	M	9190	359	5042	158.2	7.6	255.5	5.8	5.5	4.8	7.5	6.7	11.3	11.4	
	F	7276	305	3980	94.2	6.8	153.1	4.4	2.3	3.5	3.9	5.9	8.8	19.1	
Mouth and pharynx cancer	M	182	4	110	3.1	0.1	5.4	-	0.2	-	-	0.2	-	0.2	
	F	69	3	35	0.9	0.1	1.4	-	-	-	-	0.1	0.1	0.2	
Oesophagus cancer	M	226	1	130	4.0	0.0	6.9	-	-	-	-	-	0.1	-	
	F	159	1	77	2.0	0.0	3.0	-	-	-	-	-	-	0.2	
Stomach cancer	M	1012	10	518	17.6	0.2	26.8	-	-	-	-	-	0.6	1.0	
	F	649	15	250	8.2	0.3	11.2	-	-	-	-	0.2	0.7	1.3	
Colorectal cancer	M	469	8	221	8.2	0.2	11.7	-	-	-	0.1	0.2	0.1	0.7	
	F	462	5	235	6.0	0.1	9.7	-	-	0.2	-	0.2	0.1	0.2	
Liver cancer	M	522	10	270	9.0	0.2	14.2	0.2	0.4	-	0.3	0.1	0.3	0.3	
	F	416	7	163	5.2	0.1	7.0	-	-	0.2	0.3	0.1	0.3	0.2	
Pancreas cancer	M	304	3	157	5.3	0.1	8.1	0.2	-	-	-	-	0.1	0.2	
	F	299	3	116	3.8	0.1	5.2	-	-	-	-	-	0.1	0.3	
Larynx cancer	M	239	-	150	4.2	-	7.5	-	-	-	-	-	-	-	
	F	35	2	13	0.5	0.0	0.7	-	-	-	-	-	0.1	0.2	
Lung cancer	M	2000	25	1226	35.1	0.5	63.4	0.3	0.4	-	0.5	0.5	0.8	1.2	
	F	452	15	223	5.8	0.3	8.9	-	-	0.2	-	0.1	0.8	1.2	
Malignant melanoma	M	17	-	10	0.3	-	0.5	-	-	-	-	-	-	-	
	F	16	4	6	0.2	0.1	0.2	-	-	-	-	-	0.1	0.5	
Female breast cancer	F	1139	23	785	15.0	0.5	28.2	-	-	-	-	-	0.7	3.0	
Cervix cancer	F	254	8	199	3.3	0.2	6.4	-	-	-	-	-	0.1	1.2	
Other uterine cancer	F	331	3	215	4.4	0.1	7.9	-	-	-	-	-	0.1	0.3	
Ovarian cancer	F	240	11	162	3.2	0.2	6.0	-	-	0.4	-	0.6	0.1	0.5	
Prostate cancer	M	471	4	122	8.7	0.1	8.9	0.2	-	-	-	-	0.1	0.3	
Bladder cancer	M	326	-	118	5.8	-	7.1	-	-	-	-	-	-	-	
	F	53	-	20	0.7	-	0.8	-	-	-	-	-	-	-	
Other and ill-defined cancer sites	M	2979	183	1769	49.9	3.9	84.1	3.0	2.7	3.0	3.6	3.4	6.3	4.9	
	F	2446	152	1331	31.6	3.4	50.9	2.9	1.5	1.5	2.9	3.0	4.4	7.5	
Hodgkin's disease	M	43	15	23	0.7	0.3	1.2	0.2	0.2	0.5	0.4	0.1	0.4	0.5	
	F	23	6	12	0.3	0.1	0.4	-	-	-	0.1	0.1	0.1	0.5	
Myeloma and non-Hodgkin lymphomas	M	155	20	100	2.5	0.4	4.5	0.2	0.5	0.3	0.8	0.4	0.6	0.2	
	F	70	8	50	0.9	0.2	1.9	-	-	-	0.1	0.2	-	0.8	
Leukaemia	M	245	76	118	3.6	1.6	5.3	1.7	1.2	1.0	1.8	1.7	1.8	1.9	
	F	163	39	88	2.1	0.9	3.3	1.5	0.8	1.1	0.4	1.0	0.6	1.0	
Diabetes	M	1215	15	551	21.3	0.3	30.9	0.2	0.2	-	0.1	0.1	0.1	1.7	
	F	1873	27	693	24.5	0.5	35.2	-	-	0.2	0.6	1.5	1.0	0.5	
ALL VASCULAR DISEASE	M	35337	797	13630	619.4	17.2	707.9	27.5	5.2	5.0	9.0	11.0	23.8	39.3	
	F	37187	501	6931	432.1	11.4	332.9	22.7	4.7	5.3	5.7	10.3	14.9	16.1	
Rheumatic heart disease and fever	M	73	10	37	1.2	0.2	1.8	0.3	-	-	0.5	0.4	0.1	-	
	F	133	12	47	1.7	0.3	2.0	1.1	0.2	0.6	-	-	0.1	0.2	
Hypertensive disease	M	942	12	231	16.8	0.3	14.4	0.5	-	-	0.1	0.1	0.3	0.8	
	F	1468	2	166	16.4	0.0	8.5	-	-	-	-	0.1	0.1	-	
Ischaemic heart disease	M	11622	113	5041	203.8	2.5	252.0	0.8	0.4	1.0	1.4	1.8	3.4	8.5	
	F	9826	67	1737	113.7	1.4	85.0	0.9	0.2	0.6	0.8	2.2	2.8	2.4	
Pulmonary embolism and other venous	M	292	10	170	4.9	0.2	8.0	0.2	-	0.2	0.1	-	0.7	0.3	
	F	244	7	121	3.0	0.1	4.2	0.2	-	-	-	0.4	0.1	0.3	
Cerebrovascular disease	M	9572	115	3129	170.0	2.4	175.2	2.6	0.7	1.0	2.1	1.3	4.8	4.6	
	F	12588	108	2321	146.6	2.4	113.9	2.9	0.2	1.3	1.5	2.5	4.4	3.7	
Other vascular disease	M	12836	537	5022	222.6	11.7	256.4	23.2	4.1	2.9	4.7	7.3	14.5	25.0	
	F	12928	305	2539	150.7	7.1	119.2	17.6	4.0	2.9	3.3	5.1	7.2	9.6	
Chronic obstructive pulmonary disease	M	917	17	218	16.2	0.3	12.7	-	0.2	0.2	0.5	0.5	0.3	0.8	
	F	668	6	96	7.5	0.1	4.3	0.4	-	-	-	0.1	0.4	-	
Other respiratory disease	M	2787	653	815	44.8	14.5	38.7	81.0	3.2	2.1	2.1	2.3	2.4	8.3	
	F	2616	563	460	31.6	14.3	19.8	79.9	6.2	2.4	2.9	2.0	3.0	4.0	
Peptic ulcer	M	214	2	86	3.8	0.0	4.8	-	-	-	-	-	0.1	0.2	
	F	126	3	24	1.5	0.1	1.1	-	-	-	-	-	0.1	0.3	
Liver cirrhosis (incl. some other digestive)	M	1472	64	841	24.6	1.4	37.2	2.0	0.2	-	0.4	0.5	2.4	4.4	
	F	1027	13	288	12.3	0.3	12.7	-	-	-	0.4	-	-	1.7	
Renal disease	M	1150	90	427	19.4	1.9	20.9	1.7	0.5	1.3	1.6	1.7	2.2	4.4	
	F	964	73	384	11.8	1.6	14.8	0.9	1.1	0.7	1.5	1.4	3.4	2.2	
Pregnancy, birth	F	60	42	18	0.7	0.9	0.5	-	-	-	0.8	1.2	2.0	2.0	
Congenital and perinatal causes	M	1579	1400	50	20.6	31.0	2.8	213.3	0.5	0.8	0.9	1.0	0.6	0.2	
	F	1020	891	16	14.3	23.1	0.5	157.0	1.5	0.9	1.0	0.5	0.1	0.7	
Ill-defined causes	M	19331	1093	8126	333.1	23.3	401.9	36.8	7.1	7.3	12.2	23.4	29.1	47.0	
	F	18077	496	3686	211.1	11.9	170.1	38.0	5.1	6.4	5.1	5.6	9.8	12.9	
Other medical causes	M	4689	675	2190	75.7	14.5	100.9	36.7	8.7	7.3	9.2	10.3	13.6	15.7	
	F	4056	430	1353	50.1	10.3	56.2	27.5	8.3	7.9	5.8	4.7	9.9	7.9	
ALL NON-MEDICAL CAUSES	M	4494	1843	2148	59.2	37.9	75.1	17.3	10.3	12.9	28.2	56.0	70.2	70.7	
	F	1314	405	540	16.1	8.9	19.2	9.3	4.9	5.9	8.9	10.8	11.8	10.9	
Road traffic accidents	M	413	199	183	5.2	3.9	6.6	0.5	1.1	0.5	4.4	8.1	8.2	4.8	
	F	129	50	51	1.5	1.1	1.7	0.4	0.4	0.6	1.7	2.1	0.8	1.3	
Fire	M	23	6	11	0.3	0.1	0.4	0.8	-	-	-	-	0.1	-	
	F	19	9	5	0.2	0.2	0.2	0.7	-	-	0.6	-	0.1	-	
Suicide	M	224	73	112	3.1	1.5	4.3	-	0.2	1.1	1.4	1.7	2.1	4.3	
	F	54	15	25	0.7	0.3	0.8	-	-	0.4	0.8	0.4	-	0.7	
POPULATION:		M=male			8051.5	4722.9	2892.3	643.3	562.1	626.4	769.5	818.8	715.6	587.2	
(1000s; UN, 2015 revision)		F=female			8262.0	4387.7	3211.6	549.7	471.5	543.4	721.4	802.0	703.4	596.3	

*Armenia, Azerbaijan and Georgia

2010: CAUCASIA (3 countries)

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			
329.7	479.7	738.4	1158.6	2027.7	2726.4	4488.7	6377.6	9758.1	15711.7	M	ALL CAUSES	001-999/A00-Y89
127.4	188.6	303.8	491.4	927.8	1320.4	2409.9	4188.2	7720.7	14318.1	F		
13.3	9.7	10.5	15.0	14.5	16.1	16.6	16.7	14.0	11.2	M	Tuberculosis	010-018, 137/A15-A19, B90
1.8	1.4	1.8	1.1	1.5	2.0	1.9	4.5	1.1	2.5	F		
2.1	3.4	4.2	5.3	3.6	4.8	5.1	6.7	7.0	16.3	M	Other infective	Rest of 001-139,279.5&6/
0.4	1.2	0.8	2.0	1.7	3.1	5.4	4.9	9.5	15.2	F	and parasitic	rest of A00-B99 excl A33,A34
24.9	49.1	96.2	181.2	334.8	428.4	674.1	804.0	910.4	951.0	M	ALL CANCER	140-208/C00-C97
32.1	57.9	98.6	137.0	205.8	238.4	302.2	376.1	507.4	509.1	F		
0.8	1.7	1.5	3.8	8.6	9.0	12.2	14.3	17.9	15.3	M	Mouth and	140-149/C00-C14
0.7	0.3	0.8	0.9	1.2	3.5	2.4	2.1	3.4	9.6	F	pharynx cancer	
-	1.1	2.0	4.3	10.0	11.4	19.2	18.6	25.7	23.4	M	Oesophagus cancer	150/C15
0.9	1.4	0.6	4.0	4.0	2.0	8.3	5.6	17.3	17.2	F		
1.9	5.5	11.4	19.0	27.8	45.6	76.2	94.0	131.5	120.0	M	Stomach cancer	151/C16
1.4	2.6	3.5	5.7	14.4	20.5	30.3	43.0	72.6	66.2	F		
0.8	1.7	4.2	7.7	14.2	18.1	35.2	47.3	62.2	62.0	M	Colorectal cancer	153, 154/C18-C21
1.6	3.6	4.3	6.3	13.1	18.1	21.0	30.8	33.5	37.4	F		
0.9	2.1	5.9	9.7	16.7	19.0	44.8	62.5	40.5	60.0	M	Liver cancer	155.0/C22 excl C221
1.1	0.9	4.1	4.7	7.9	9.8	20.5	28.3	35.2	51.6	F		
0.9	3.2	2.7	3.4	10.6	13.8	22.4	31.0	28.0	43.7	M	Pancreas cancer	157/C25
-	0.9	3.2	3.0	3.5	11.0	15.1	19.2	34.0	32.4	F		
0.6	0.4	3.5	4.9	11.7	14.7	16.6	17.7	24.9	20.3	M	Larynx cancer	161/C32
-	0.2	-	0.4	0.5	1.2	2.4	3.5	2.8	2.5	F		
3.4	10.2	19.8	42.9	89.9	114.0	163.9	183.3	171.2	147.5	M	Lung cancer	162/C33, C34
0.9	3.1	4.9	7.7	12.4	13.4	20.0	27.3	40.2	32.4	F		
-	0.2	0.3	-	0.8	1.4	0.6	0.5	3.9	1.0	M	Malignant melanoma	172/C43
-	0.2	-	0.2	0.7	0.4	-	0.7	1.1	1.0	F		
6.7	11.9	23.4	30.1	40.9	40.9	43.5	43.7	54.7	54.6	F	Female breast cancer	174/C50
2.5	5.2	6.4	7.2	9.9	9.4	4.4	5.6	8.9	7.6	F	Cervix cancer	180/C53
1.4	4.1	5.2	8.2	11.1	13.8	11.2	16.4	17.3	17.7	F	Other uterine cancer	179, 182/C54, C55
1.4	2.4	4.3	6.8	6.7	11.0	9.3	11.6	11.7	6.6	F	Ovarian cancer	183/C56, C570-C574
0.4	0.4	0.3	0.6	3.9	18.5	38.4	45.4	98.0	126.1	M	Prostate cancer	185/C61
-	-	1.3	4.0	6.1	14.7	23.7	42.5	45.9	61.0	M	Bladder cancer	188/C67
0.4	0.5	0.1	1.3	-	0.8	2.4	4.5	7.8	3.0	F		
12.7	18.0	37.3	73.5	120.0	127.3	199.7	226.8	244.3	242.1	M	Other and ill-defined	Rest of 140-199/
11.5	18.4	32.5	46.3	73.5	72.8	101.1	125.3	156.9	163.8	F	cancer sites	rest of C00-C80, C97
0.2	0.2	0.2	1.0	1.7	2.4	2.6	0.9	1.6	1.0	M	Hodgkin's disease	201/C81
0.2	-	0.8	0.5	-	0.4	1.0	1.1	1.1	-	F		
0.8	2.6	2.3	2.0	8.1	7.1	9.0	5.7	5.5	16.3	M	Myeloma and non-	200, 202-203/
0.2	0.9	2.3	0.9	1.5	4.3	3.4	2.1	1.1	2.0	F	Hodgkin lymphomas	C82-C90, C96
1.7	1.7	3.5	4.5	4.7	11.4	9.6	13.4	9.3	11.2	M	Leukaemia	204-208/C91-C95
1.1	1.6	2.1	2.9	4.5	5.1	5.9	5.2	7.8	3.5	F		
1.1	3.8	8.2	14.4	37.9	57.5	93.5	145.6	163.4	136.3	M	Diabetes	250/E10-E14
0.9	2.4	5.2	10.2	40.9	70.8	116.2	161.3	216.0	154.2	F		
87.5	140.3	263.9	446.4	834.4	1133.3	2049.1	3011.2	5059.2	8239.8	M	ALL VASCULAR	390-459/I00-I99
26.5	49.2	84.1	157.6	349.6	507.9	1155.1	2173.5	4351.9	7961.4	F	DISEASE	
0.2	0.2	1.5	1.0	1.4	4.8	3.8	3.8	2.3	15.3	M	Rheumatic heart	390-398/I00-I09
0.2	0.9	0.3	2.0	2.5	3.5	4.4	9.1	8.4	16.7	F	disease and fever	
0.8	1.3	1.7	4.9	14.2	23.3	54.4	93.6	187.5	266.5	M	Hypertensive disease	401-405/I10-I15
0.4	1.2	0.9	3.8	6.7	14.6	32.2	80.1	162.4	394.4	F		
30.3	55.7	110.0	186.5	293.1	423.7	665.1	942.0	1512.6	2594.7	M	Ischaemic heart	410-414/I20-I25
6.8	12.2	17.3	37.5	85.9	135.7	299.8	545.8	1149.4	2226.1	F	disease	
2.2	1.5	3.5	6.1	12.0	13.3	17.3	22.0	28.8	29.5	M	Pulmonary embolism	415.1, 451-453/
0.7	1.6	4.1	4.5	7.4	5.5	5.9	13.7	16.8	23.8	F	and other venous	126, 180-182
16.6	21.2	46.4	85.1	203.7	285.0	568.5	894.2	1587.3	2456.4	M	Cerebrovascular	430-438/I60-I69
5.4	14.3	26.6	52.2	115.6	164.5	418.9	828.2	1567.5	2519.8	F	disease	
37.4	60.3	100.9	162.8	310.0	383.3	740.0	1055.6	1740.6	2877.5	M	Other vascular	Rest of 390-459/
13.0	19.1	34.9	57.7	131.5	184.1	394.0	696.6	1447.5	2780.7	F	disease	rest of I00-I99
0.2	1.7	3.5	4.7	12.8	25.6	40.3	85.5	179.0	277.7	M	Chronic obstructive	490-496/
0.4	0.9	1.8	2.7	5.0	5.5	13.7	32.9	75.9	169.9	F	pulmonary disease	J40-J47, J67
11.0	14.2	18.7	27.1	46.2	47.0	106.9	176.7	333.8	528.9	M	Other respiratory	Rest of 460-519/
6.0	6.5	7.8	12.0	20.1	27.5	58.6	101.1	209.3	469.7	F	disease	rest of J00-J98
0.4	0.4	1.0	2.0	7.2	9.0	13.4	21.0	32.7	40.7	M	Peptic ulcer	531-533/K25-K27
-	0.2	0.3	0.2	1.7	2.8	2.9	8.1	12.8	26.8	F		
8.0	14.4	27.9	31.6	42.3	55.1	81.3	92.2	133.8	205.5	M	Liver cirrhosis (incl.	571/K70, K74
1.4	2.8	4.6	9.0	13.9	20.5	37.1	53.2	107.7	192.6	F	some other digestive)	
5.0	4.9	10.5	11.5	28.4	30.9	55.0	89.8	157.9	246.2	M	Renal disease	580-590/N00-N19
3.6	5.0	7.0	16.0	21.8	18.9	31.2	51.8	78.2	110.7	F		
2.7	0.3	0.1	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/A34, O00-O99
0.6	0.8	1.0	1.0	1.7	6.7	7.7	14.3	24.9	68.2	M	Congenital and	740-779/A33,
0.7	1.0	-	0.2	0.5	0.4	1.0	3.9	8.9	43.5	F	perinatal causes	P00-P96, Q00-Q99
75.1	113.8	166.2	273.6	467.6	705.4	1012.1	1493.4	2174.0	4261.8	M	Ill-defined causes	780-799/R00-R99
22.7	32.0	51.8	91.1	168.9	317.9	506.3	939.8	1708.2	4120.0	F		
27.1	43.8	51.2	75.3	127.7	134.4	246.5	324.2	459.9	563.5	M	Other medical causes	Rest of 001-799/
13.9	16.8	24.9	38.4	75.5	75.2	148.9	232.3	385.7	464.1	F		rest of A00-R99
73.5	79.4	75.1	69.5	68.7	72.2	87.1	96.4	108.2	164.8	M	ALL NON-	E800-E999/V01-Y89
14.4	11.0	15.0	14.0	21.1	29.5	29.3	44.8	48.0	78.4	F	MEDICAL CAUSES	
6.5	5.3	6.4	7.1	4.7	6.7	9.6	4.8	10.9	7.1	M	Road traffic	E810-E819, E826-E829/
2.7	0.9	1.5	0.7	1.2	3.1	1.9	4.5	3.4	4.5	F	accidents	part of V01-V99, Y850
0.2	0.2	0.5	0.6	0.3	0.5	0.6	-	3.1	2.0	M	Fire	E890-E899/X00-X09
-	0.2	-	0.2	-	1.2	-	0.3	0.6	1.5	F		
3.2	3.6	2.5	3.8	6.1	4.8	6.4	10.0	7.0	9.2	M	Suicide	E950-E959/X60-X84
0.5	1.0	0.9	0.4	0.7	0.8	1.5	2.1	3.4	1.0	F		
535.0	527.4	597.5	506.2	359.3	210.5	156.2	209.5	128.5	98.3	M	POPULATION	
555.0	581.8	654.3	557.7	403.9	254.2	204.8	285.8	179.1	197.8	F	(1000s; UN, 2015 revision)	

CAUCASIA (3 countries): 2010

See note on page 105

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	– / 7.3	– / 3.9	–
35–69	9.0 / 35	0.3 / 19	21 years
70+	4.2 / 41	0.9 / 54	8 years
All ages	13 / 83	1.3 / 77	16 years

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

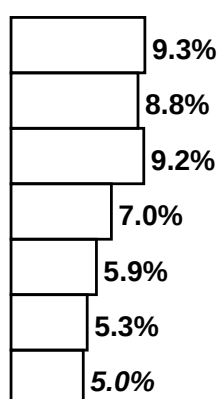
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	1.3/1.2	0.7/0.7	2.0/2.0	–/0.0	0.1/0.2	0.1/0.2	0.1/0.5
All Cancer	–/0.4	1.9/5.0 (38%)	1.0/3.8 (27%)	2.9/9.2	–/0.3	0.1/4.0 (2%)	0.1/3.0 (4%)	0.2/7.3
Vascular	–/0.8	4.7/14	2.0/21	6.7/35	–/0.5	0.2/6.9	0.5/30	0.7/37
Respiratory	–/0.7	0.5/1.0	0.6/2.0	1.0/3.7	–/0.6	0.0/0.6	0.2/2.2	0.3/3.3
All Other	–/5.4	2.0/15	0.5/15	2.5/35	–/2.5	0.1/7.1	0.1/19	0.1/29
All Causes	–/7.3	9.0/35 (26%)	4.2/41 (10%)	13/83	–/3.9	0.3/19 (2%)	0.9/54 (2%)	1.3/77

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

Cause	Male	Female	Male + Female
All Cancer	2.9 / 9.2 (32%)	0.2 / 7.3 (3%)	3.1 / 16 (19%)
All Causes	13 / 83 (16%)	1.3 / 77 (2%)	14 / 160 (9%)

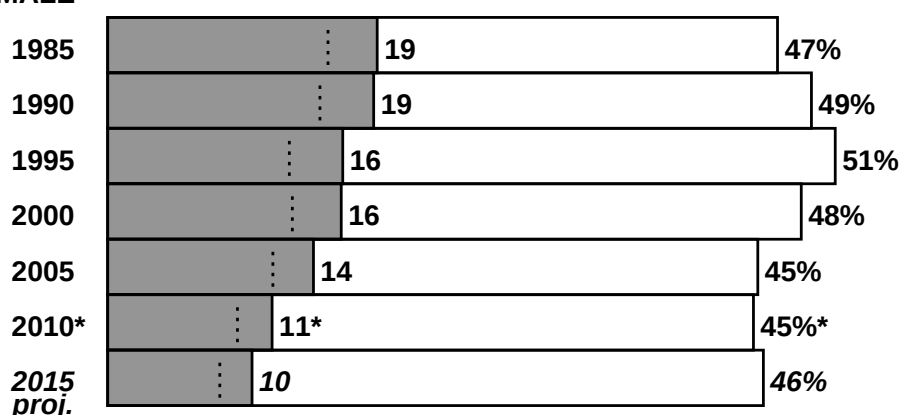
1985-2015: CAUCASIA (3 countries)

Population risk of
dying at ages 0–34



MALE

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



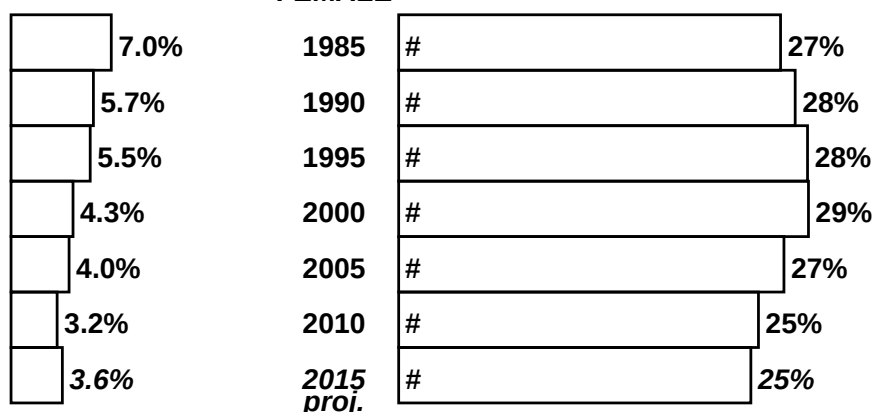
*eg, at year 2010 male death rates, out of 100 men aged 35, 45 would die before age 70 (with 11 of these deaths attributed to smoking)

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

Note: These 3 Caucasian countries are those in which cancer mortality rates in the post-Soviet decade are thought to need correction for under-registration of deaths: Armenia, Azerbaijan and Georgia

If the substantial decrease during that period in the mortality attributed to cancer in these 3 countries is partly artefactual, then the low mortality attributed to smoking in 1995 (pages 102–109) will not be reliable.

FEMALE



Real risk too low to estimate reliably

CAUCASIA (3 countries): 1980-2015

See note on page 105

Relative importance of deaths in MIDDLE age (35–69), 2015 projections

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 7.4	– / 4.6	–
35–69	9.3 / 42	0.5 / 22	19 years
70+	3.2 / 42	1.0 / 62	7 years
All ages	13 / 92	1.5 / 89	16 years

Numbers of deaths attributed to smoking / total deaths (thousands)

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1985	–/15	12/28 (42%)	3.7/26 (14%)	16/69	–/11	1.2/18 (7%)	1.0/38 (3%)	2.2/67
1995	–/14	14/43 (33%)	2.6/24 (11%)	17/81	–/8.3	1.1/24 (4%)	0.2/39 (0.6%)	1.3/71
2005	–/7.4	11/36 (31%)	4.6/35 (13%)	16/78	–/4.6	0.9/22 (4%)	1.3/45 (3%)	2.2/71
2015 proj.	–/7.4	9.3/42 (22%)	3.2/42 (8%)	13/92	–/4.6	0.5/22 (2%)	1.0/62 (2%)	1.5/89

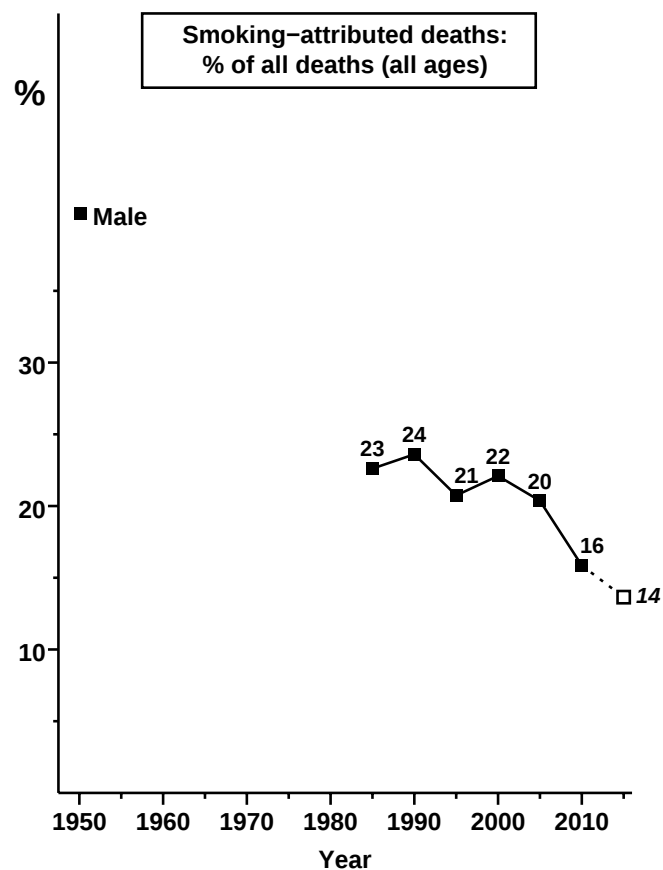
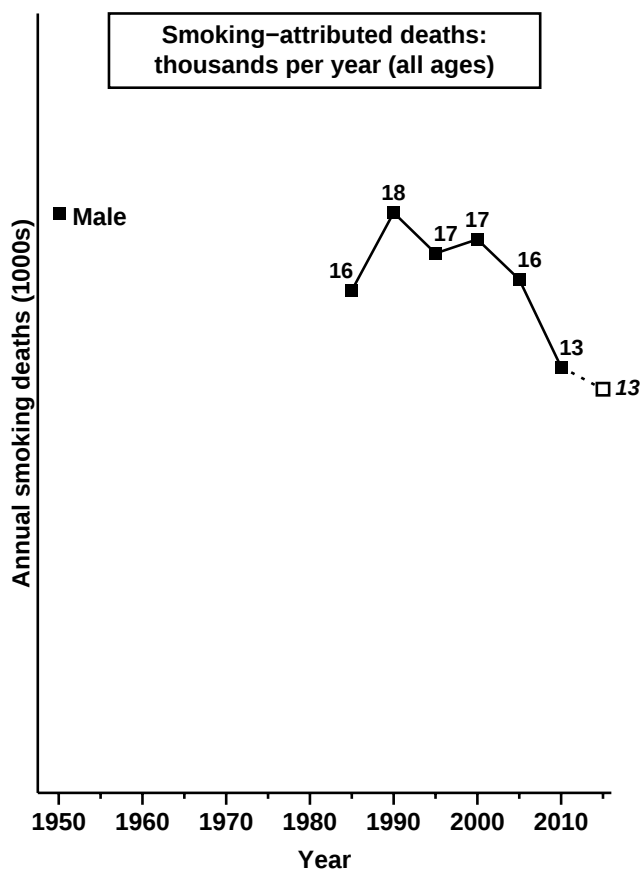
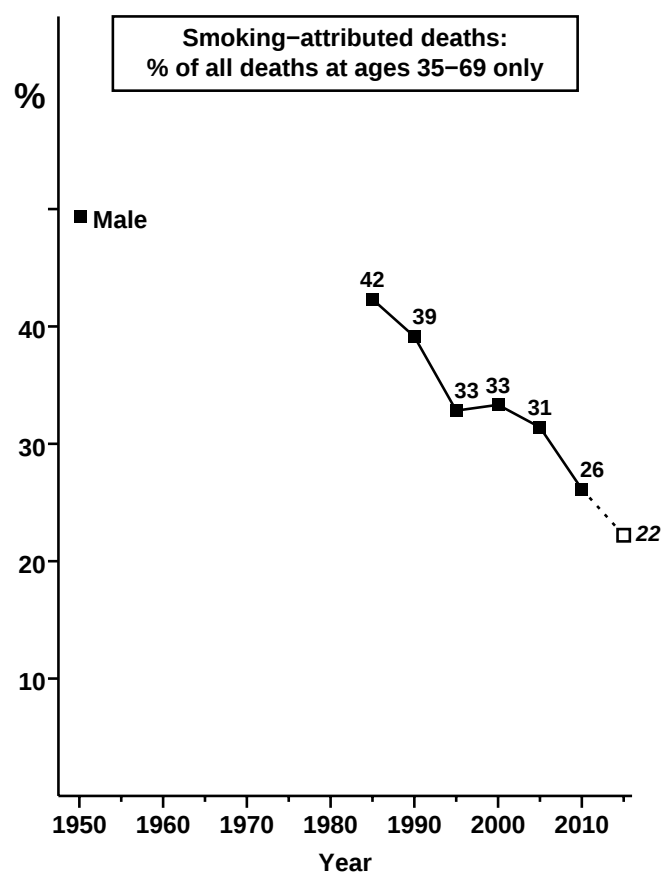
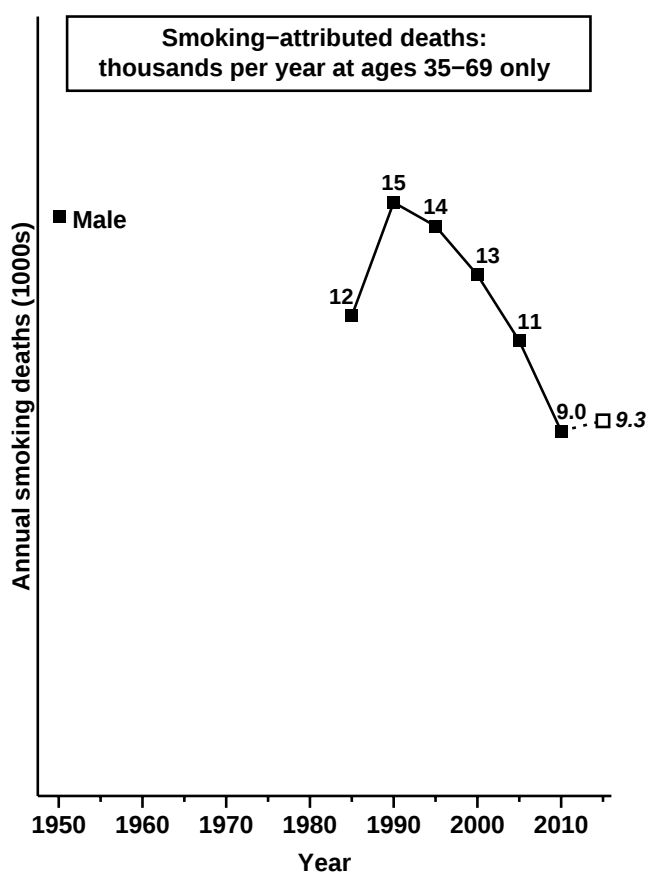
40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020*): 679 / 6179

*Estimated as 10 times the sum of the annual numbers for 1985, 1995, 2005 and 2015

1980–2020, by age & sex:

–/438	466/1489 (31%)	141/1265 (11%)	607/3192	–/286	37/853 (4%)	36/1848 (2%)	72/2987
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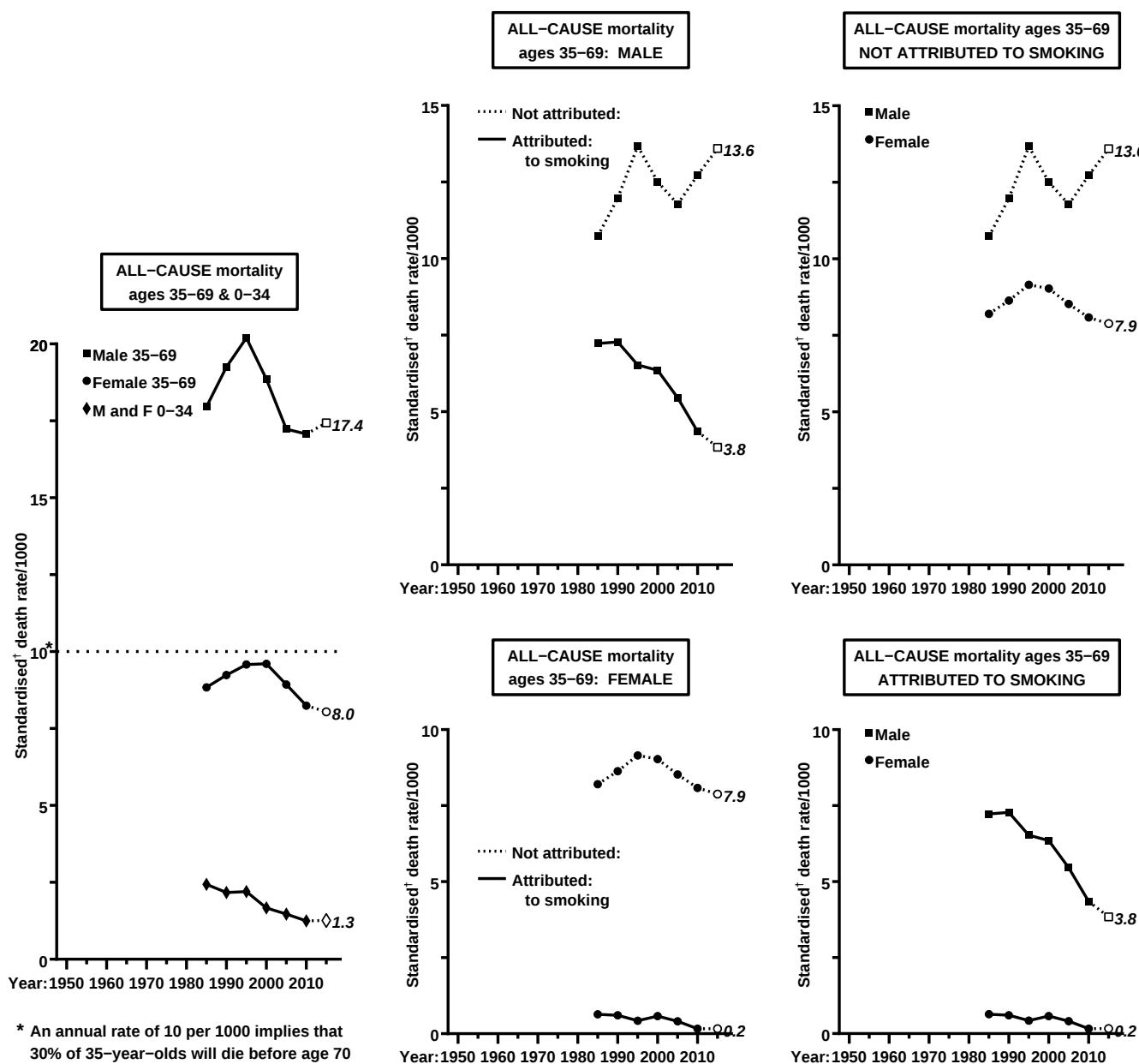
1985-2015: CAUCASIA (3 countries)



CAUCASIA (3 countries): 1985-2015

See note on page 105

ALL-CAUSE mortality rates attributed and not attributed to smoking



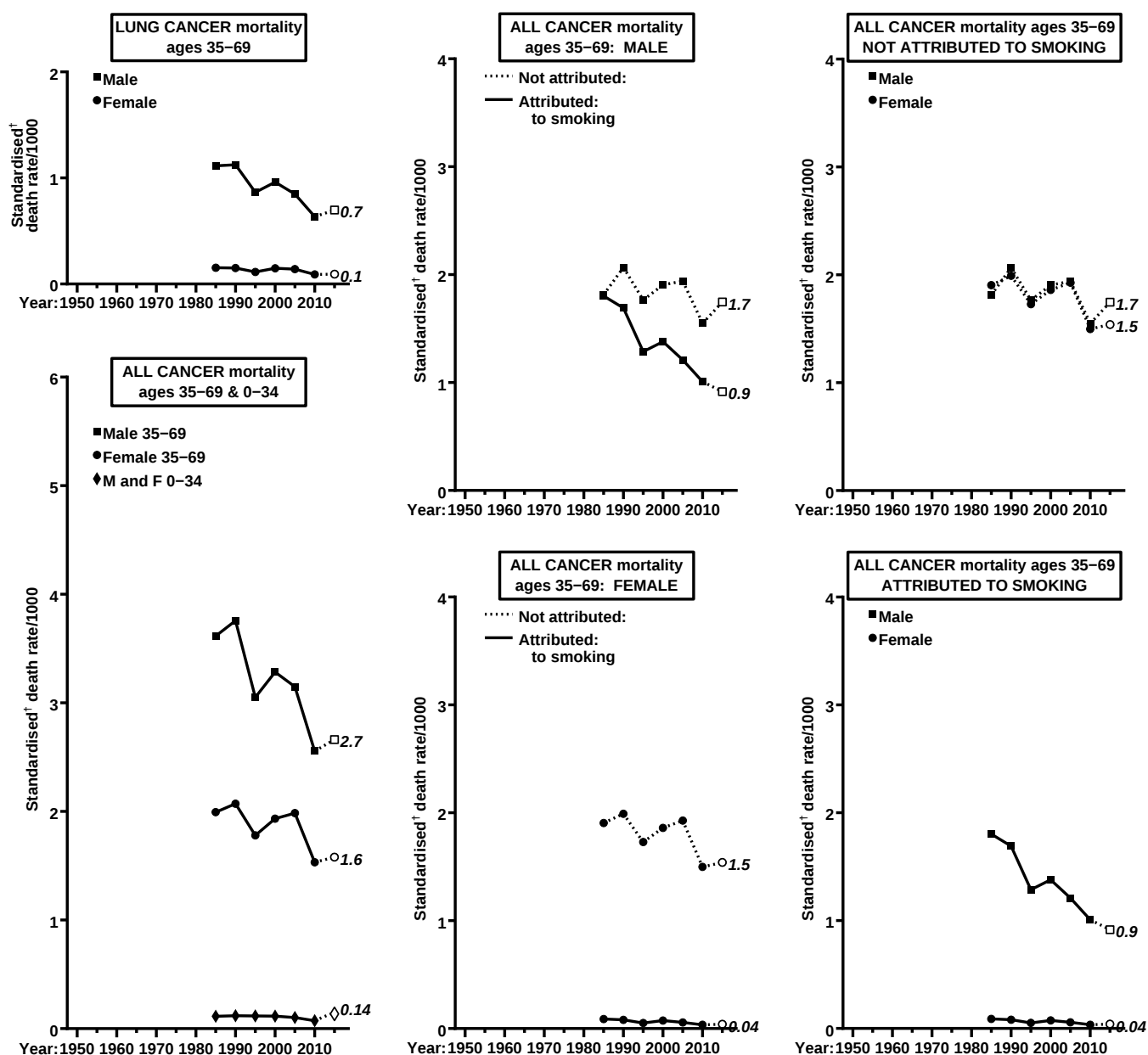
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	Yes	No	Yes	No	Yes	No
1950		...	...	...	...	...	...	...	...	...	...	...
1955		...	...	...	...	...	...	...	...	...	...	...
1960		...	...	...	...	...	...	...	...	...	...	...
1965		...	...	...	...	...	...	...	...	...	...	...
1970		...	...	...	...	...	...	...	...	...	...	...
1975		...	...	...	...	...	...	...	...	...	...	...
1980		...	...	...	...	...	...	...	...	...	...	...
1985	-	2.80	...	7.22	10.7	13.7	-	2.07	0.63	8.20	1.61	54.2
1990	-	2.65	...	7.28	12.0	13.7	-	1.69	0.60	8.63	1.39	52.9
1995	-	2.77	...	6.52	13.7	10.9	-	1.62	0.42	9.15	0.64	57.5
2000	-	2.07	...	6.35	12.5	12.4	-	1.26	0.58	9.03	1.02	62.3
2005	-	1.75	...	5.45	11.8	11.6	-	1.18	0.41	8.52	1.89	56.5
2010	-	1.56	...	4.35	12.7	8.61	-	0.93	0.16	8.08	0.98	58.6
2015	-	1.47	...	3.84	13.6	6.94	-	1.04	0.16	7.88	0.72	60.8

0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)

1985-2015: CAUCASIA (3 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



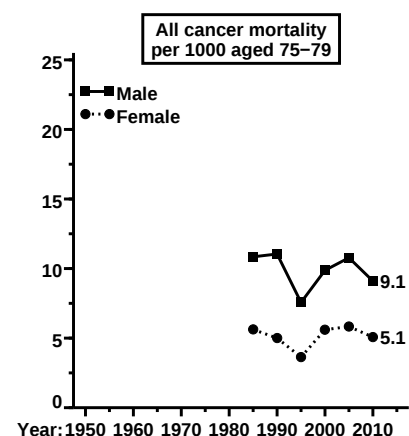
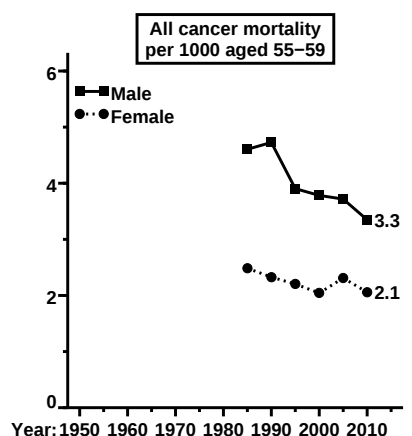
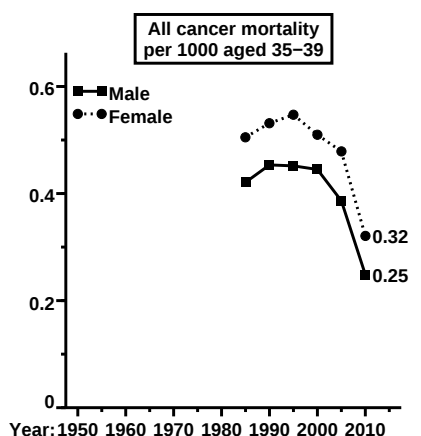
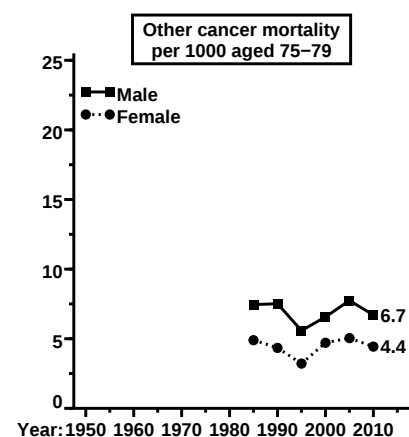
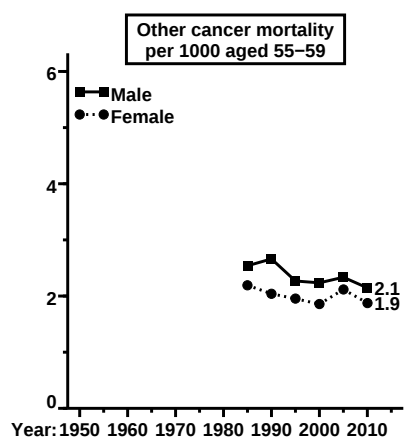
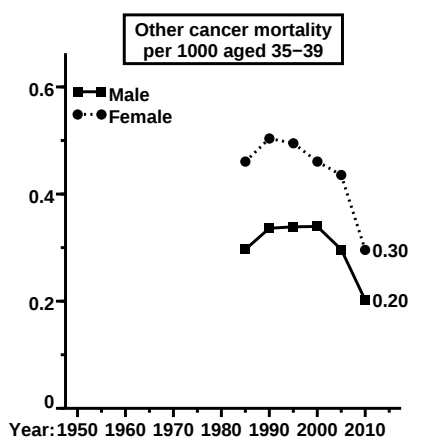
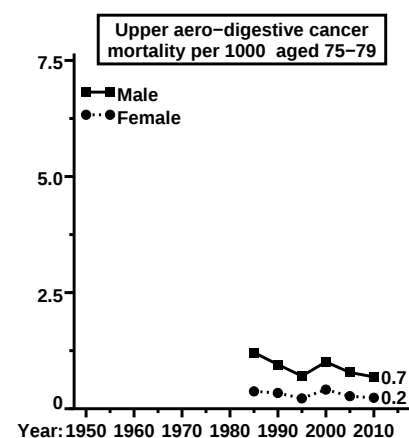
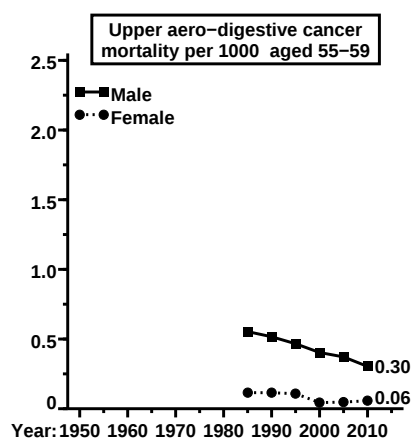
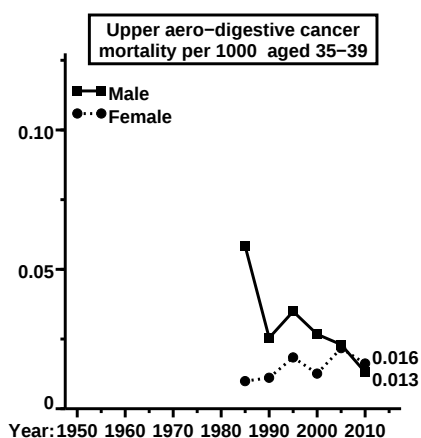
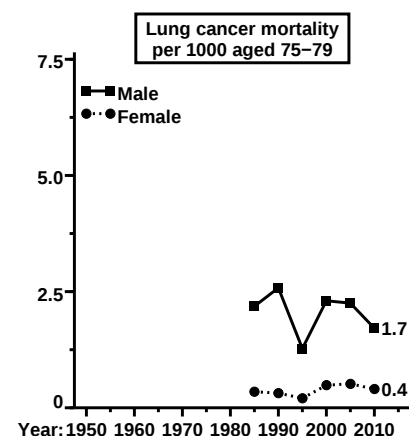
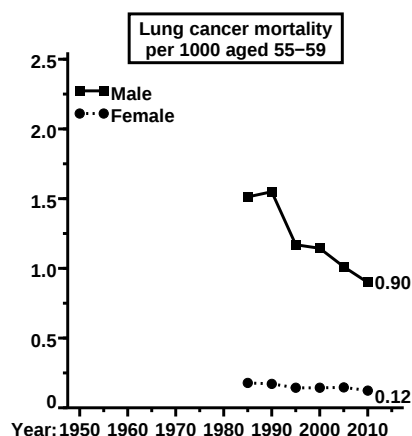
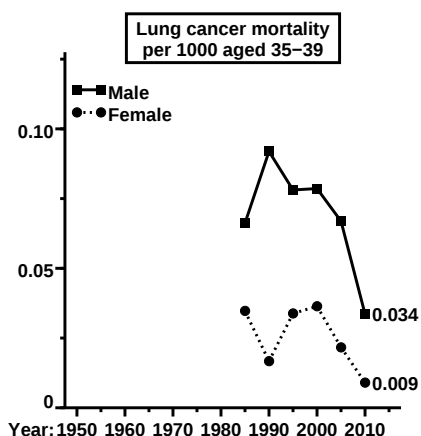
[†] Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	Attributed to smoking?	0-34		35-69		70-79		0-34		35-69		70-79		
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950		...	...	...	...	...	...	...	...	...	...	...	...	
1955		...	...	...	...	...	...	...	...	...	...	...	...	
1960		...	...	...	...	...	...	...	...	...	...	...	...	
1965		...	...	...	...	...	...	...	...	...	...	...	...	
1970		...	...	...	...	...	...	...	...	...	...	...	...	
1975		...	...	...	...	...	...	...	...	...	...	...	...	
1980		...	...	...	...	...	...	...	...	...	...	...	...	
1985	-	0.12		1.80	1.81	3.01	7.70	-	0.10		0.09	1.90	0.19	5.16
1990	-	0.12		1.69	2.07	2.94	7.60	-	0.11		0.08	1.99	0.15	4.82
1995	-	0.12		1.29	1.76	2.03	5.54	-	0.12		0.05	1.73	0.06	3.63
2000	-	0.12		1.38	1.90	2.65	7.02	-	0.11		0.07	1.86	0.11	5.06
2005	-	0.11		1.21	1.94	2.73	7.61	-	0.10		0.06	1.93	0.21	5.07
2010	-	0.08		1.01	1.55	2.37	6.20	-	0.07		0.03	1.50	0.15	4.27
2015	-	0.06		0.92	1.75	2.09	6.44	-	0.21		0.04	1.54	0.14	4.45

0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)

CAUCASIA (3 countries): 1985-2010

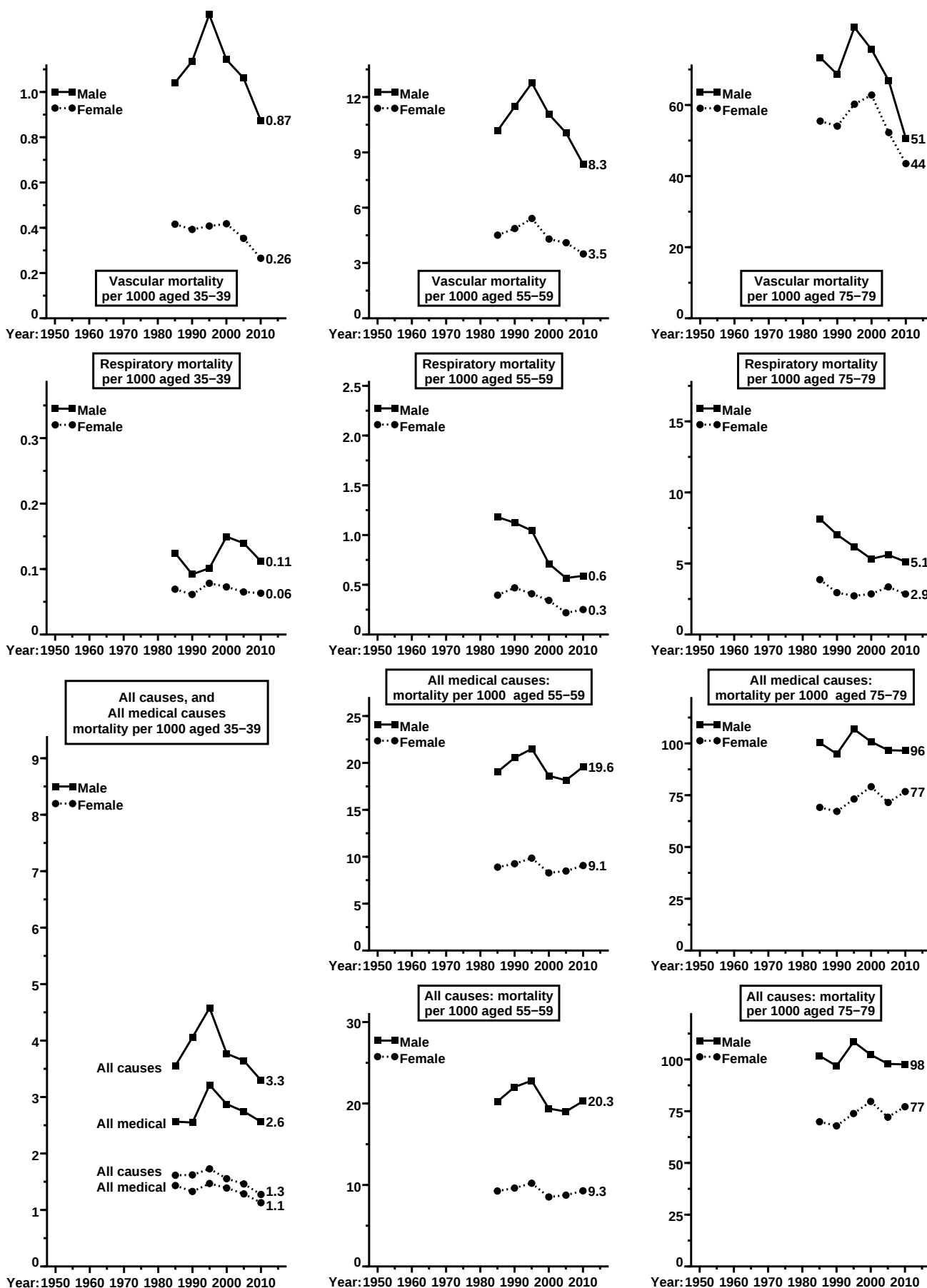
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* Annual mortality per 1000: 1985, 1990, 1995, 2000, 2005 and 2010

1985-2010: CAUCASIA (3 countries)

Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* Annual mortality per 1000: 1985, 1990, 1995, 2000, 2005 and 2010