

# MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES, 1950–2020: Trends in smoking-attributed mortality and total mortality

Indirect estimates based on national mortality rates, using the absolute lung cancer death rate to indicate how badly national mortality rates are being affected by smoking, and hence what fractions of the mortality from it and from other diseases to attribute to tobacco

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Complete monograph  
(485 pages)

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\* 15 old EU countries: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, UK † 13 new countries: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia ‡ All 28 (15+13) EU countries listed above

§ Caucasia: Armenia, Azerbaijan, and Georgia ¶ Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan



## 2010: ALL DEVELOPED 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			
253.1	335.4	512.6	796.1	1148.3	1589.0	2189.4	3450.2	5258.2	11472.4	M	ALL CAUSES	001-999/A00-Y89
106.4	153.4	236.4	368.4	535.5	778.1	1165.0	2025.2	3430.0	9797.2	F		
8.8	9.5	10.7	11.6	10.2	6.9	5.4	6.2	6.9	15.7	M	Tuberculosis	010-018, 137/A15-A19, B90
2.5	2.3	2.2	1.8	1.7	1.2	1.5	1.9	3.4	6.6	F		
8.6	9.0	11.4	13.6	16.9	19.2	25.4	34.7	63.3	152.9	M	Other infective and parasitic	Rest of 001-139,279.5&6/rest of A00-B99 excl A33,A34
3.7	4.1	4.8	6.3	8.3	10.7	16.2	23.8	45.5	127.3	F		
20.1	39.4	87.2	186.8	335.6	527.4	765.9	1072.6	1479.6	2227.6	M	ALL CANCER	140-208/C00-C97
26.8	48.4	85.1	145.6	214.2	312.4	423.5	572.1	767.5	1174.8	F		
0.8	2.2	5.8	12.8	19.6	22.8	23.9	24.9	25.6	29.0	M	Mouth and pharynx cancer	140-149/C00-C14
0.4	0.6	1.2	2.4	3.3	4.0	4.6	5.5	7.7	13.5	F		
0.4	1.3	3.8	9.0	16.3	24.8	32.3	37.6	43.7	52.2	M	Oesophagus cancer	150/C15
0.2	0.3	0.8	1.6	2.7	4.0	5.8	7.5	10.2	16.3	F		
1.8	3.6	6.9	13.8	23.8	37.7	52.9	83.0	107.9	149.1	M	Stomach cancer	151/C16
1.6	2.6	4.1	6.4	9.7	14.4	20.6	34.3	46.3	74.3	F		
2.0	4.0	8.1	16.6	31.2	53.6	82.0	122.0	171.7	263.5	M	Colorectal cancer	153, 154/C18-C21
1.9	3.5	6.9	12.8	20.3	31.2	44.1	69.5	97.9	176.9	F		
0.7	1.4	4.0	9.4	17.2	25.4	35.5	48.6	68.4	73.0	M	Liver cancer	155.0/C22 excl C221
0.3	0.6	1.2	2.3	4.0	6.5	10.1	17.1	26.3	34.5	F		
1.0	2.4	5.7	11.7	21.0	33.4	48.5	62.0	80.1	104.4	M	Pancreas cancer	157/C25
0.6	1.4	3.2	6.5	11.6	20.2	30.3	44.0	60.3	88.2	F		
0.2	0.6	2.0	4.9	8.6	11.0	12.7	14.9	16.2	18.5	M	Larynx cancer	161/C32
0.1	0.1	0.2	0.5	0.8	0.9	1.2	1.4	1.6	1.8	F		
2.3	7.0	20.9	53.8	101.5	159.5	233.2	306.4	392.6	471.7	M	Lung cancer	162/C33, C34
1.6	4.3	10.9	23.5	36.5	57.6	83.0	98.5	128.3	154.8	F		
1.0	1.5	2.2	3.1	4.7	6.9	8.9	11.3	15.4	23.1	M	Malignant melanoma	172/C43
0.8	1.2	1.6	2.3	2.8	3.7	4.4	5.4	7.2	11.1	F		
6.8	13.7	22.2	34.9	45.7	57.9	66.2	77.2	91.2	142.3	F	Female breast cancer	174/C50
3.7	5.0	6.3	7.9	8.1	7.9	7.7	9.8	10.3	11.1	F	Cervix cancer	180/C53
0.7	1.4	2.6	4.8	8.2	12.7	16.5	21.6	23.9	31.6	F	Other uterine cancer	179, 182/C54, C55
1.4	3.1	6.3	10.6	15.1	20.5	26.0	31.4	36.7	42.5	F	Ovarian cancer	183/C56, C570-C574
0.1	0.1	0.8	3.0	9.1	22.0	45.6	86.4	156.1	378.7	M	Prostate cancer	185/C61
0.1	0.5	1.3	3.1	7.1	13.5	23.0	37.7	61.3	126.9	M	Bladder cancer	188/C67
0.1	0.3	0.5	1.0	1.5	2.7	4.5	7.2	13.2	31.0	F		
6.7	10.8	19.4	34.8	57.5	86.0	118.2	163.8	226.3	354.5	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
4.7	7.5	12.8	21.5	33.2	49.7	69.7	98.5	140.9	239.2	F		
0.3	0.3	0.4	0.5	0.6	0.7	1.1	1.4	2.2	2.8	M	Hodgkin's disease	201/C81
0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.9	1.4	1.9	F		
1.2	1.9	3.3	5.8	10.4	17.5	27.2	40.4	62.9	102.5	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C90, C96
0.7	1.1	1.9	3.4	5.9	10.6	17.0	25.1	38.9	62.3	F	Leukaemia	204-208/C91-C95
1.4	1.9	2.8	4.5	6.9	12.7	20.8	32.1	49.4	77.9	M		
1.1	1.4	2.1	3.0	4.5	7.3	11.2	17.1	25.4	41.6	F		
2.0	3.5	6.5	10.8	18.8	29.1	43.4	62.8	103.1	202.9	M	Diabetes	250/E10-E14
1.3	2.0	3.3	6.2	11.0	18.4	28.7	46.0	78.1	185.7	F		
49.5	84.2	154.7	266.8	405.0	590.2	830.8	1483.5	2255.0	5014.8	M	ALL VASCULAR DISEASE	390-459/I00-I99
17.5	30.0	52.9	90.8	151.1	247.6	430.1	957.9	1732.2	5074.0	F		
0.5	0.7	1.2	1.7	1.9	2.3	2.9	4.7	6.6	15.2	M	Rheumatic heart disease and fever	390-398/I00-I09
0.4	0.8	1.1	1.6	2.2	3.0	4.3	6.9	10.1	21.9	F		
1.8	3.7	7.3	12.8	19.5	27.1	40.9	62.2	101.8	256.4	M	Hypertensive disease	401-405/I10-I15
0.8	1.8	3.5	6.5	9.6	14.8	26.6	49.2	93.7	333.6	F		
18.4	37.0	77.0	141.4	219.0	322.9	437.0	771.9	1082.7	2155.6	M	Ischaemic heart disease	410-414/I20-I25
4.2	8.8	17.5	33.9	64.4	113.9	201.1	457.6	769.8	1948.2	F		
1.1	1.7	2.6	3.6	5.5	7.4	10.2	14.4	23.4	46.9	M	Pulmonary embolism and other venous	415.1, 451-453/126, 180-182
1.1	1.5	2.3	2.5	3.4	4.9	7.6	12.5	22.8	57.9	F		
7.5	13.9	25.8	47.1	78.2	121.9	186.2	370.7	579.5	1199.9	M	Cerebrovascular disease	430-438/I60-I69
4.1	7.5	14.5	25.6	40.9	67.2	119.9	286.0	518.9	1379.6	F		
20.3	27.3	40.8	60.2	81.0	108.5	153.5	259.6	461.0	1340.9	M	Other vascular disease	Rest of 390-459/rest of I00-I99
6.9	9.7	14.1	20.7	30.6	43.8	70.6	145.7	317.0	1332.9	F		
1.3	2.2	4.9	11.1	22.5	43.4	81.4	147.9	256.5	553.4	M	Chronic obstructive pulmonary disease	490-496/J40-J47, J67
0.9	1.6	3.3	6.9	12.3	23.6	44.1	69.9	120.9	264.5	F		
8.6	10.8	15.5	22.7	30.8	42.1	66.0	118.7	247.7	865.7	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
3.4	4.2	5.8	8.1	11.3	16.0	27.3	49.9	109.1	540.0	F		
0.9	1.4	2.3	3.8	4.9	6.1	6.8	10.3	14.4	27.7	M	Peptic ulcer	531-533/K25-K27
0.3	0.4	0.7	1.0	1.5	2.2	2.8	5.0	8.6	23.5	F		
14.3	21.7	33.6	46.7	57.2	59.8	56.8	58.2	52.9	43.8	M	Liver cirrhosis (incl. some other digestive)	571/K70, K74
6.7	9.7	14.3	20.8	27.2	26.1	25.3	29.2	29.4	27.5	F		
1.8	2.0	3.2	5.2	8.8	13.3	22.5	40.9	77.8	248.2	M	Renal disease	580-590/N00-N19
1.4	1.6	2.3	4.0	5.5	8.3	14.9	27.5	51.1	184.3	F		
1.0	0.4	0.1	0.1	0.0	-	-	0.0	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
1.0	1.0	1.2	1.6	1.9	2.0	1.6	1.6	2.1	3.8	M	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.8	0.9	1.1	1.3	1.6	1.7	1.4	1.2	1.5	2.8	F		
13.8	17.4	23.2	31.5	38.3	43.2	47.6	73.5	118.3	442.1	M	Ill-defined causes	780-799/R00-R99
4.0	5.1	6.7	9.1	11.9	15.1	20.9	40.1	86.7	595.4	F		
19.2	26.2	38.3	53.6	71.5	94.8	133.9	215.7	424.5	1327.0	M	Other medical causes	Rest of 001-799/rest of A00-R99
10.3	14.4	20.7	29.9	41.3	59.8	90.6	149.9	318.3	1362.3	F		
103.2	106.9	120.0	130.2	125.9	111.5	102.0	123.8	156.0	346.9	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
26.0	28.4	33.1	36.6	36.7	35.0	37.8	50.8	77.5	228.5	F		
12.3	11.9	12.5	12.6	11.9	10.9	11.7	12.8	16.9	23.1	M	Road traffic accidents	E810-E819, E826-E829/part of V01-V99, Y850
3.2	3.5	3.7	3.8	4.0	4.0	5.1	6.3	8.7	9.5	F		
1.9	2.3	3.0	3.8	3.9	3.7	3.3	3.9	4.2	6.9	M	Fire	E890-E899/X00-X09
0.6	0.7	0.9	1.1	1.3	1.3	1.4	2.0	2.9	4.8	F		
27.2	29.3	32.4	34.5	33.8	29.3	27.4	30.7	34.8	47.4	M	Suicide	E950-E959/X60-X84
6.6	7.2	8.1	8.9	8.3	8.3	8.7	8.8	9.7	10.9	F		
45868	45868	47410	44786	40464	34763	26103	23042	16410	18021	M	POPULATION	
45793	46032	48434	46903	43833	38533	30716	29772	23335	35542	F	(1000s; UN, 2015 revision)	

<b>ALL DEVELOPED COUNTRIES: 2010</b>
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**Relative importance of deaths in MIDDLE age (35–69) in the year 2010**

Age range (years)	Deaths attributed to SMOKING /total deaths (millions)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 0.3	– / 0.2	–
35–69	0.8 / 2.5	0.2 / 1.3	23 years
70+	0.8 / 3.7	0.5 / 4.9	8 years
<b>All ages</b>	<b>1.5 / 6.5</b>	<b>0.7 / 6.3</b>	<b>14 years</b>

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

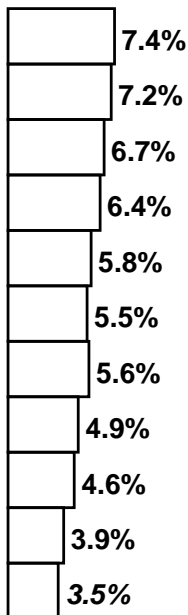
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.7	176/196	194/220	369/416	–/0.5	59/83	83/114	141/197
All Cancer	–/17	267/671 (40%)	282/891 (32%)	548/1580	–/16	71/488 (15%)	106/767 (14%)	177/1271
Vascular	–/27	339/840	263/1616	602/2483	–/12	64/384	191/2493	255/2888
Respiratory	–/18	69/125	155/400	224/543	–/13	27/64	115/375	142/452
All Other	–/283	94/822	59/818	153/1923	–/122	29/363	69/1250	99/1736
All Causes	–/345	768/2458 (31%)	758/3725 (20%)	1526/6528	–/162	192/1299 (15%)	481/4885 (10%)	673/6347

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

Cause	Male	Female	Male + Female
All Cancer	0.5 / 1.6 (35%)	0.2 / 1.3 (14%)	0.7 / 2.9 (25%)
All Causes	1.5 / 6.5 (23%)	0.7 / 6.3 (11%)	2.2 / 13 (17%)

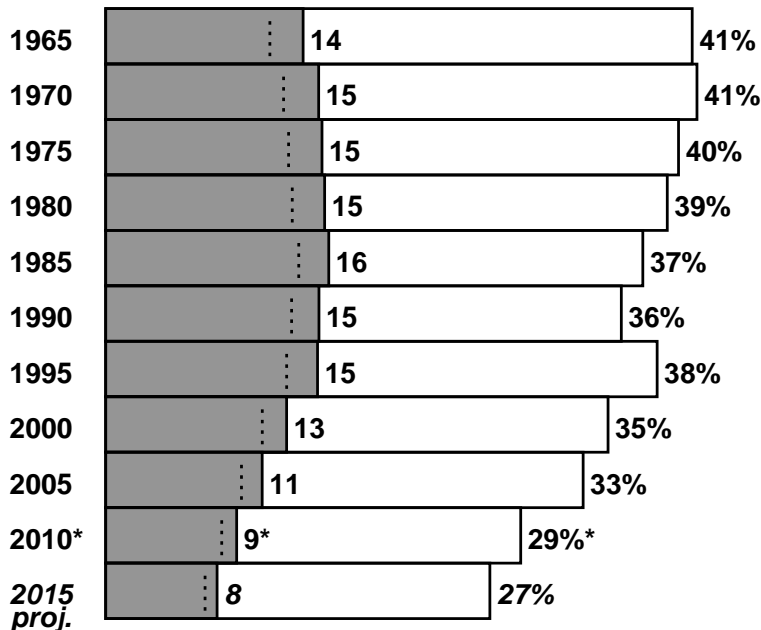
1965-2015: ALL DEVELOPED COUNTRIES

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)

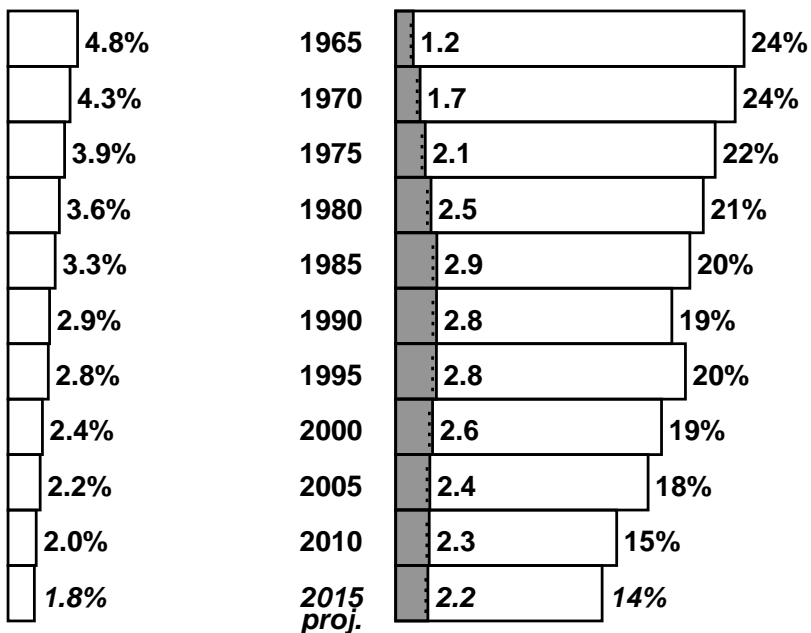
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 29 would die before age 70 (with 9 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



<b>ALL DEVELOPED COUNTRIES: 1960-2015</b>
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*Relative importance of deaths in MIDDLE age (35–69), 2015 projections*

Age range (years)	Deaths attributed to SMOKING /total deaths (millions)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 0.3	– / 0.2	–
35–69	0.7 / 2.4	0.2 / 1.3	<b>23 years</b>
70+	0.7 / 3.8	0.5 / 4.9	7 years
<b>All ages</b>	<b>1.4 / 6.5</b>	<b>0.7 / 6.4</b>	<b>14 years</b>

**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	–/664	700/2073 <b>(34%)</b>	288/2009 <b>(14%)</b>	988/4745	–/426	70/1376 <b>(5%)</b>	30/2482 <b>(1%)</b>	100/4284
1975	–/605	859/2309 <b>(37%)</b>	535/2433 <b>(22%)</b>	1394/5347	–/341	131/1425 <b>(9%)</b>	101/3134 <b>(3%)</b>	232/4900
1985	–/546	964/2318 <b>(42%)</b>	681/2914 <b>(23%)</b>	1645/5778	–/290	184/1348 <b>(14%)</b>	235/3929 <b>(6%)</b>	420/5567
1995	–/519	1105/2933 <b>(38%)</b>	750/3107 <b>(24%)</b>	1855/6559	–/238	209/1518 <b>(14%)</b>	415/4412 <b>(9%)</b>	624/6168
2005	–/409	888/2749 <b>(32%)</b>	776/3524 <b>(22%)</b>	1664/6682	–/182	188/1427 <b>(13%)</b>	472/4733 <b>(10%)</b>	660/6342
2015 <i>proj.</i>	–/310	695/2419 <b>(29%)</b>	707/3818 <b>(19%)</b>	1402/6547	–/151	201/1308 <b>(15%)</b>	494/4907 <b>(10%)</b>	695/6366

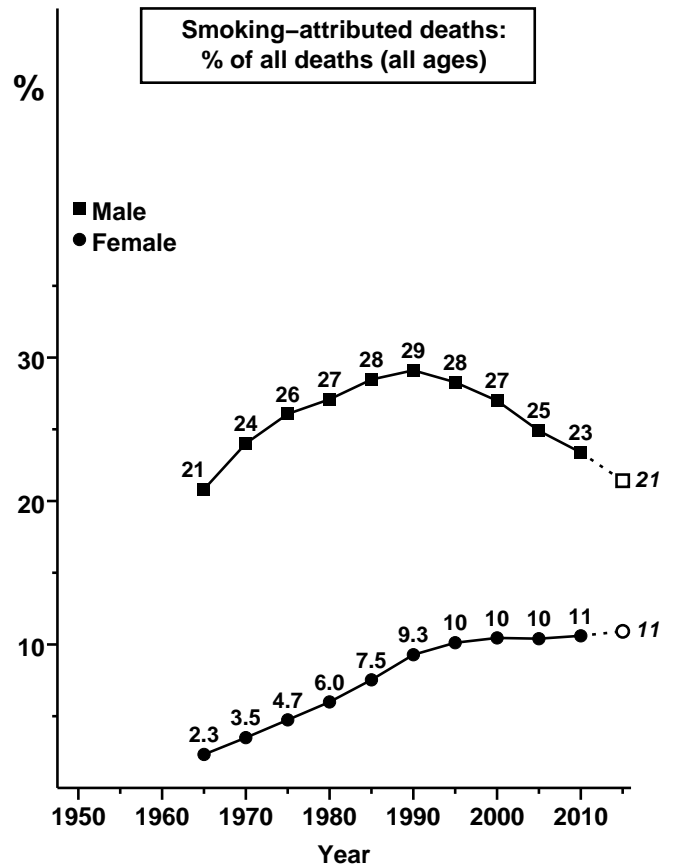
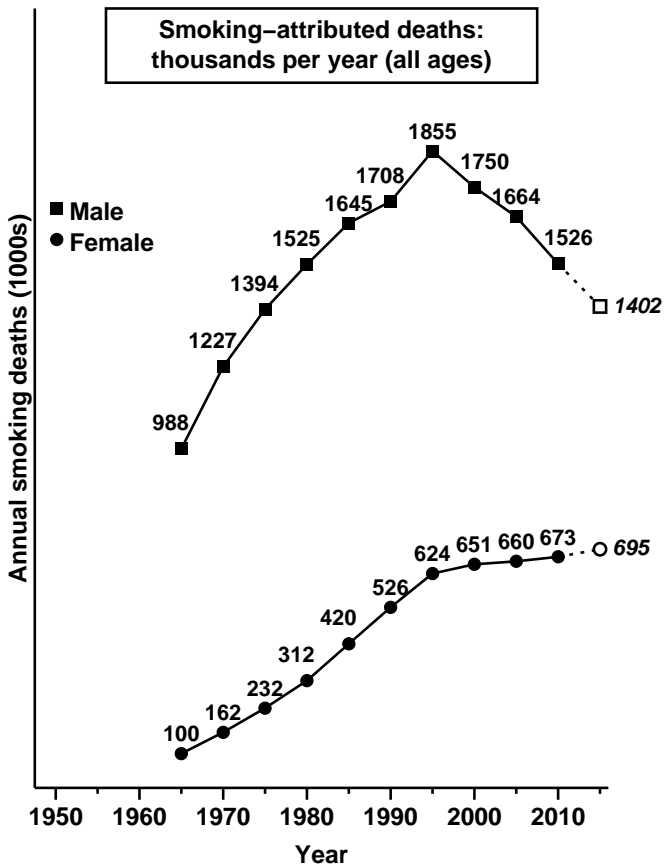
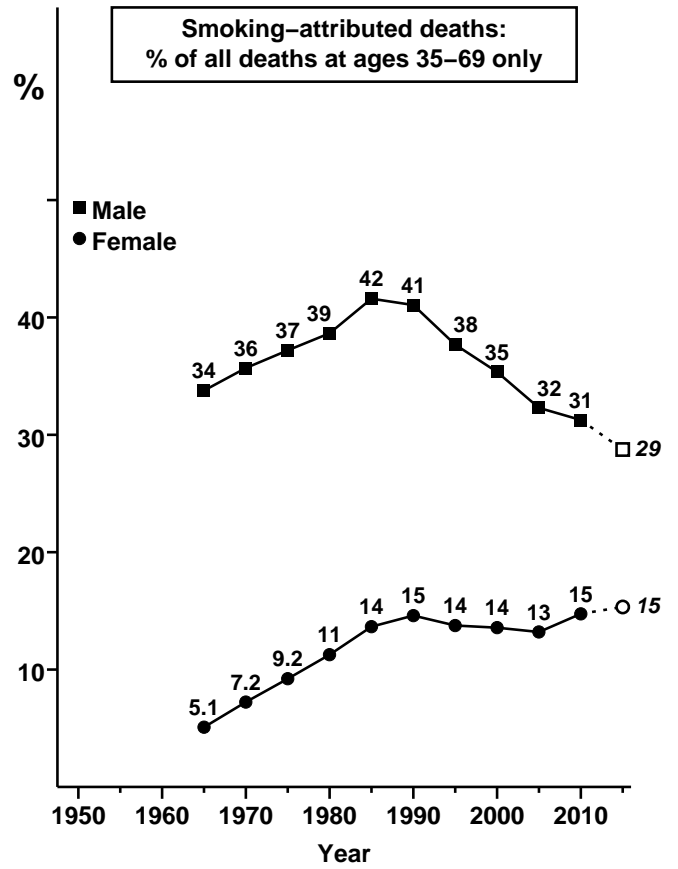
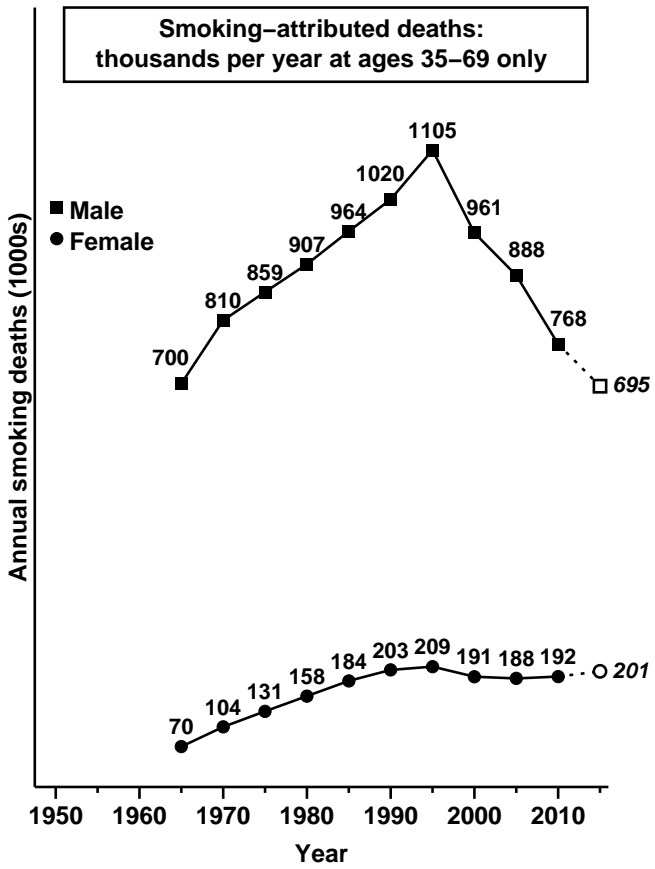
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 117 / 693M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

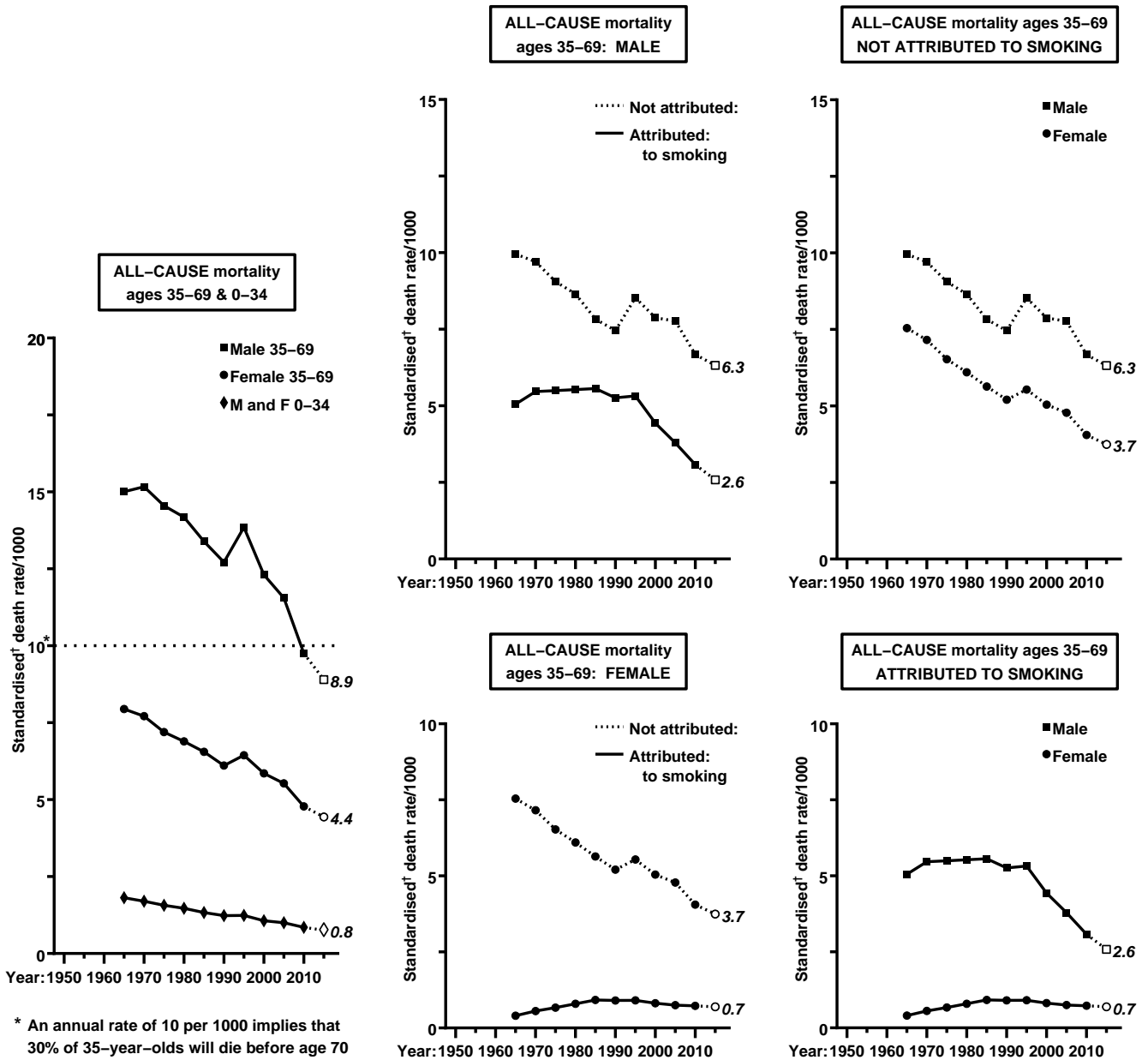
–/31M	52/148M	37/178M	89/357M	–/16M	9.8/84M	17/236M	27/336M
	<b>(35%)</b>	<b>(21%)</b>			<b>(12%)</b>	<b>(7%)</b>	

1965-2015: ALL DEVELOPED COUNTRIES



**ALL DEVELOPED COUNTRIES: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

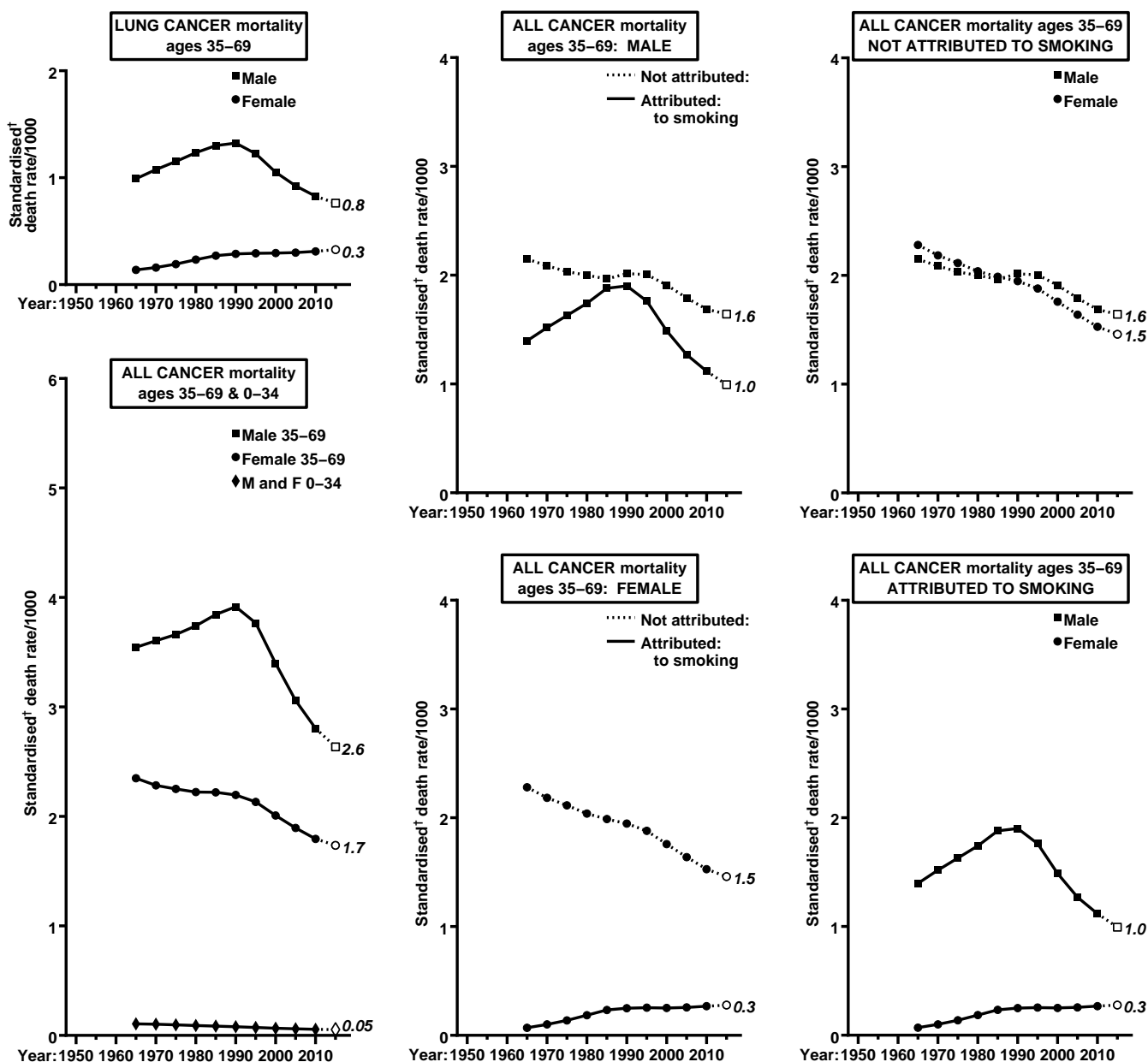
Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.20	5.05	9.95	12.0	62.7	-	1.42	0.40	7.54	0.79	49.7
1970	-	2.13	5.46	9.70	15.8	59.9	-	1.26	0.56	7.15	1.25	47.9
1975	-	1.98	5.49	9.05	17.7	56.3	-	1.15	0.67	6.53	1.78	44.5
1980	-	1.89	5.53	8.65	17.5	52.4	-	1.04	0.79	6.10	2.23	40.7
1985	-	1.70	5.56	7.83	17.1	49.9	-	0.95	0.92	5.63	2.90	37.5
1990	-	1.62	5.26	7.45	16.5	43.7	-	0.84	0.90	5.20	3.78	33.0
1995	-	1.66	5.32	8.53	16.0	42.0	-	0.81	0.91	5.54	4.15	31.6
2000	-	1.43	4.43	7.87	14.2	39.8	-	0.69	0.81	5.04	3.77	30.0
2005	-	1.35	3.79	7.77	12.2	37.7	-	0.65	0.75	4.78	3.38	27.8
2010	-	1.13	3.08	6.67	10.1	33.5	-	0.57	0.73	4.05	3.03	24.2
2015	-	1.02	2.58	6.32	8.02	30.2	-	0.53	0.69	3.74	2.87	21.4

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



1965-2015: ALL DEVELOPED COUNTRIES

ALL CANCER mortality rates attributed and not attributed to smoking



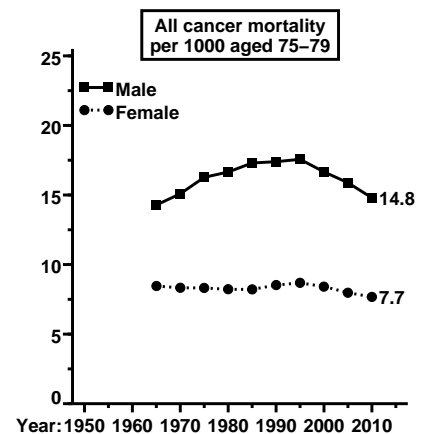
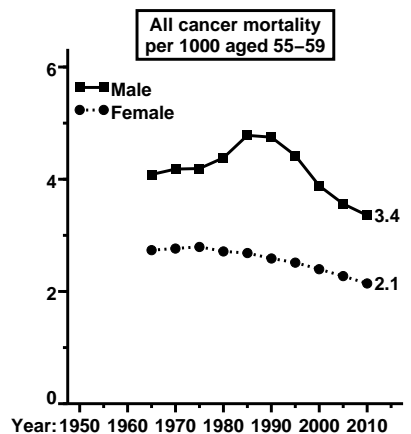
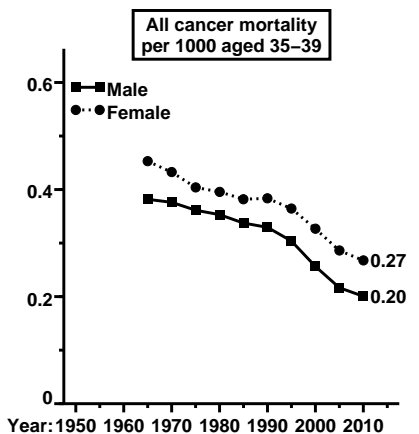
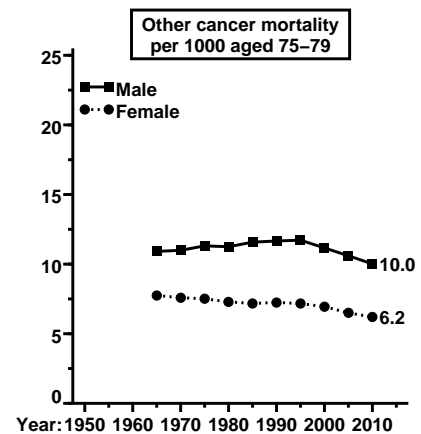
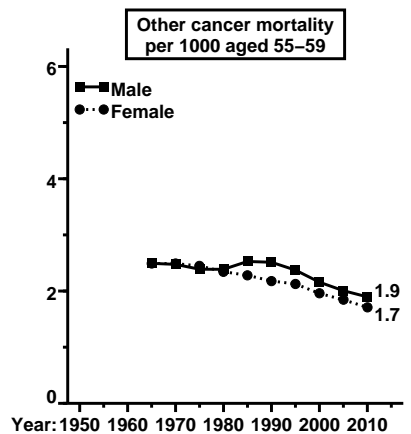
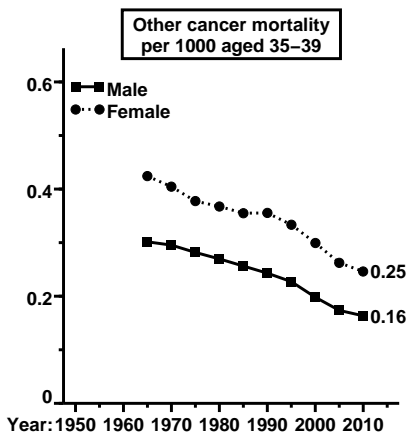
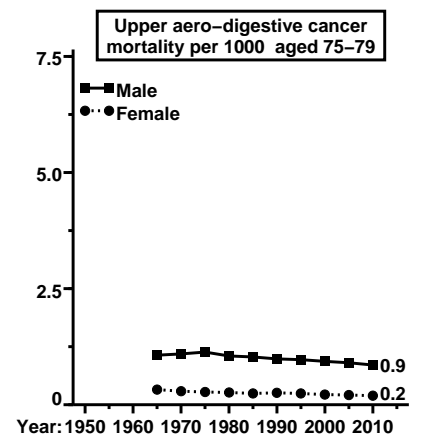
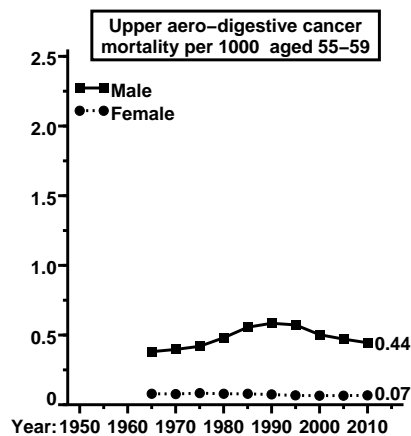
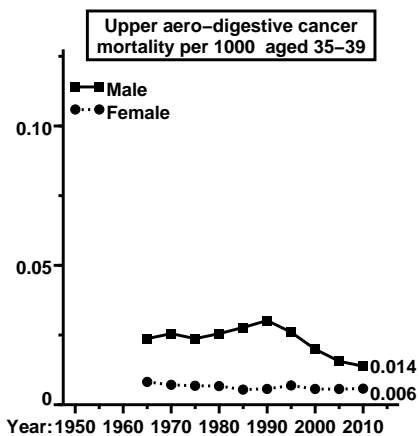
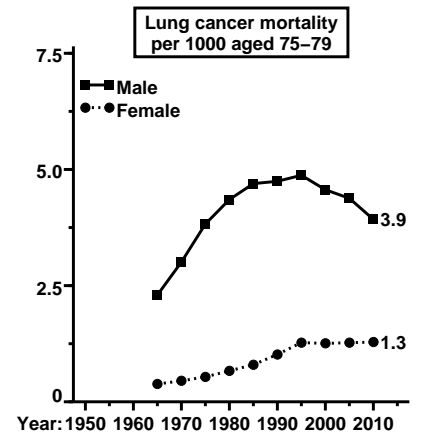
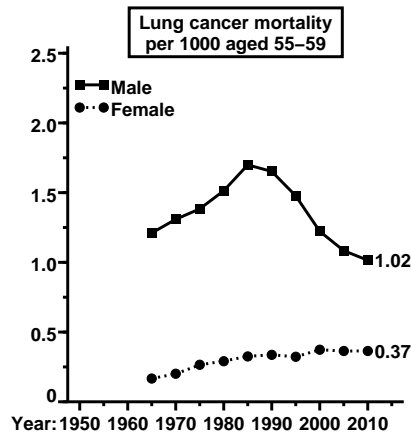
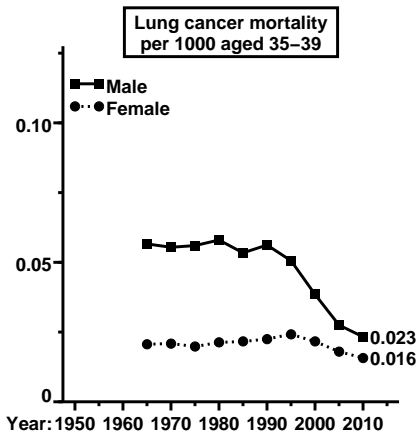
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11	1.40	2.15	3.19	9.96	-	0.10	0.07	2.28	0.10	7.54	-	0.09	0.10	7.28		
1970	-	0.11	1.52	2.09	4.18	9.65	-	0.09	0.14	2.11	0.28	7.15	-	0.08	0.23	1.99	0.62	6.79
1975	-	0.10	1.63	2.03	5.04	9.71	-	0.09	0.18	2.04	0.42	6.88	-	0.07	0.25	1.95	0.90	6.78
1980	-	0.09	1.74	2.00	5.42	9.53	-	0.08	0.23	1.99	0.62	6.79	-	0.07	0.25	1.95	0.90	6.78
1985	-	0.09	1.88	1.96	5.71	9.63	-	0.08	0.25	1.99	0.62	6.79	-	0.07	0.25	1.95	0.90	6.78
1990	-	0.08	1.90	2.01	5.97	9.58	-	0.07	0.25	1.95	0.90	6.78	-	0.07	0.25	1.95	0.90	6.78
1995	-	0.07	1.76	2.00	5.96	9.52	-	0.07	0.25	1.88	1.07	6.61	-	0.07	0.25	1.88	1.07	6.61
2000	-	0.07	1.49	1.91	5.48	9.28	-	0.06	0.25	1.76	1.03	6.37	-	0.06	0.26	1.76	1.03	6.37
2005	-	0.06	1.27	1.79	4.98	8.88	-	0.06	0.26	1.64	1.03	5.96	-	0.06	0.26	1.64	1.03	5.96
2010	-	0.06	1.12	1.69	4.37	8.39	-	0.05	0.27	1.53	1.02	5.68	-	0.05	0.27	1.53	1.02	5.68
2015	-	0.05	0.99	1.64	3.76	8.02	-	0.05	0.28	1.46	1.06	5.41	-	0.05	0.28	1.46	1.06	5.41

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

**ALL DEVELOPED COUNTRIES: 1965-2010**

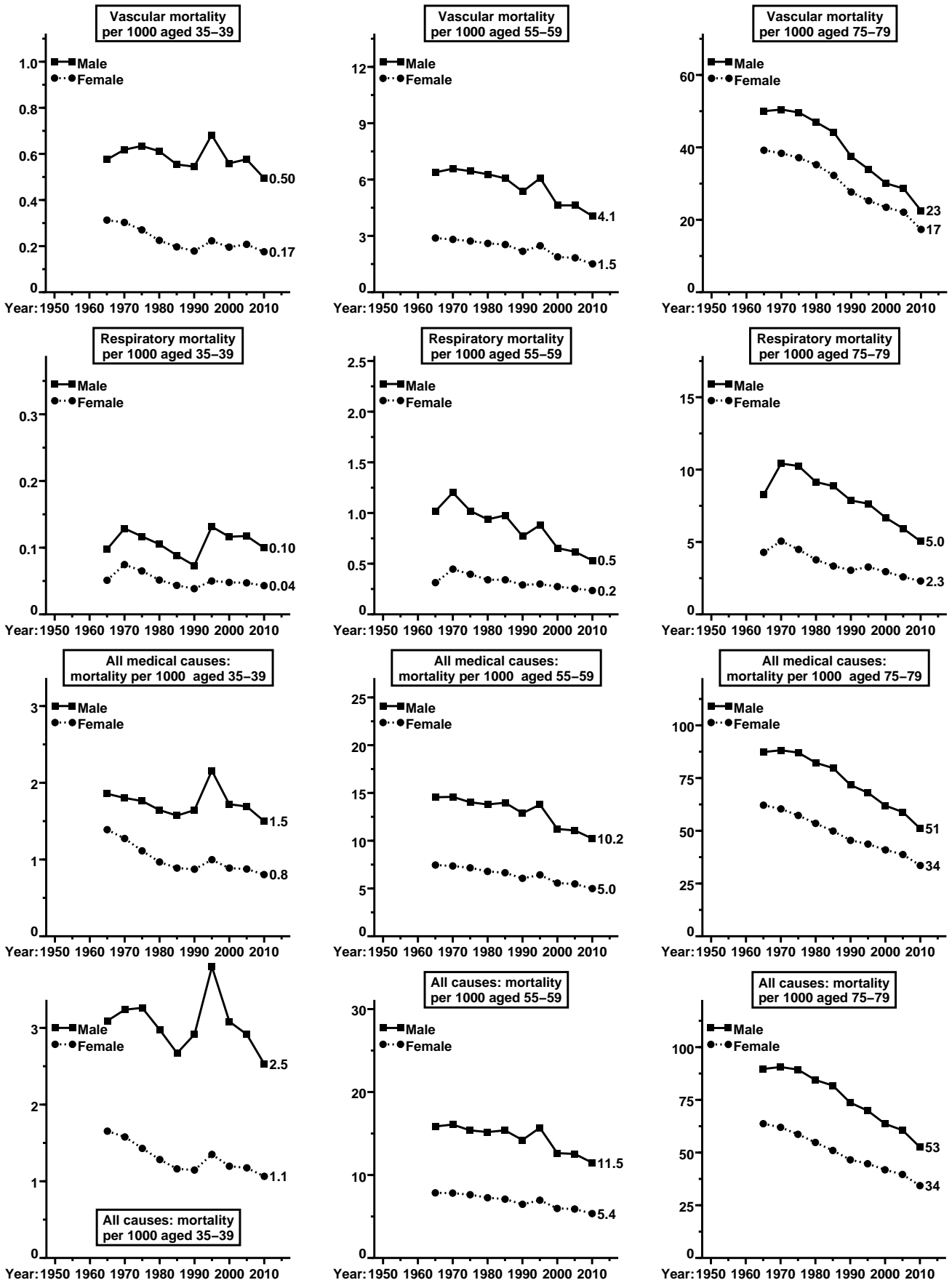
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010

1965-2010: ALL DEVELOPED COUNTRIES

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



\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010



## 2010: EU15 (European Union - 15 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			
112.2	169.2	276.8	463.1	736.1	1078.9	1643.7	2597.5	4426.4	11095.6	M	ALL CAUSES	001-999/A00-Y89
57.3	94.0	154.6	251.8	375.5	550.8	846.5	1387.2	2606.4	9379.2	F		
0.2	0.3	0.4	0.5	0.6	0.7	1.1	1.9	3.6	9.5	M	Tuberculosis	010-018, 137/
0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8	2.2	5.1	F		A15-A19, B90
3.4	6.1	8.8	9.6	11.0	14.4	21.3	35.1	64.6	162.9	M	Other infective	Rest of 001-139,279.5&6/
1.6	2.1	3.1	3.6	4.9	7.6	13.2	23.3	47.9	147.1	F	and parasitic	rest of A00-B99 excl A33,A34
17.6	34.0	77.1	168.3	307.2	483.9	733.7	1056.2	1527.7	2437.4	M	ALL CANCER	140-208/C00-C97
22.6	43.3	77.0	135.3	207.0	296.8	420.6	570.4	799.2	1314.0	F		
0.5	1.6	5.5	12.3	17.6	21.4	22.5	22.0	24.7	27.9	M	Mouth and	140-149/C00-C14
0.2	0.6	1.3	2.6	3.9	4.5	5.5	5.3	7.3	12.8	F	pharynx cancer	
0.4	1.2	3.9	9.3	16.2	22.9	28.4	35.5	42.1	53.3	M	Oesophagus cancer	150/C15
0.1	0.2	0.7	1.8	3.0	4.9	6.4	8.4	11.5	20.2	F		
1.1	2.0	4.1	8.1	13.5	21.0	31.6	50.2	74.3	118.8	M	Stomach cancer	151/C16
0.9	1.8	2.6	4.0	6.1	8.7	13.6	21.1	33.2	64.6	F		
1.6	2.8	6.9	14.7	29.1	48.3	78.7	120.1	181.3	305.6	M	Colorectal cancer	153, 154/C18-C21
1.3	3.0	6.1	10.9	18.1	26.8	41.0	63.5	97.2	200.7	F		
0.4	1.0	3.3	7.1	12.6	20.2	31.3	44.7	59.7	66.6	M	Liver cancer	155.0/C22 excl C221
0.1	0.4	0.5	1.3	2.4	4.0	6.1	12.1	19.7	28.0	F		
0.8	2.0	4.9	10.4	19.6	30.0	46.6	63.1	82.0	103.2	M	Pancreas cancer	157/C25
0.5	1.2	3.0	6.3	12.1	19.4	31.7	46.6	64.6	94.9	F		
0.1	0.4	1.5	3.7	6.5	8.7	10.8	12.6	16.0	22.9	M	Larynx cancer	161/C32
0.0	0.1	0.1	0.6	0.7	0.8	1.0	1.3	1.4	2.1	F		
2.2	6.5	18.7	50.2	96.1	150.6	224.5	296.1	394.5	464.9	M	Lung cancer	162/C33, C34
1.7	4.9	12.2	27.4	42.4	58.3	77.5	91.7	113.2	128.3	F		
1.2	1.7	2.4	3.3	4.7	6.7	9.0	11.9	15.6	21.9	M	Malignant melanoma	172/C43
1.1	1.5	2.0	2.4	2.9	3.9	4.8	5.7	8.0	13.3	F		
7.5	13.9	22.0	34.3	46.1	59.5	73.1	87.9	111.9	188.7	F	Female breast cancer	174/C50
1.6	2.6	3.2	4.0	4.2	4.3	4.8	5.8	6.6	8.8	F	Cervix cancer	180/C53
0.4	0.9	1.9	3.1	6.2	9.6	14.6	20.2	25.1	37.5	F	Other uterine cancer	179, 182/C54, C55
1.1	2.1	4.8	9.0	13.8	20.7	29.1	34.5	43.4	52.4	F	Ovarian cancer	183/C56, C570-C574
0.0	0.1	0.7	2.5	8.6	21.3	47.3	92.2	176.2	467.6	M	Prostate cancer	185/C61
0.2	0.4	1.2	3.2	7.0	13.7	24.0	39.3	70.4	156.0	M	Bladder cancer	188/C67
0.1	0.3	0.6	1.1	1.7	2.8	5.2	8.6	15.1	38.4	F		
6.5	10.5	18.0	33.6	59.1	89.4	129.0	186.1	263.7	424.9	M	Other and ill-defined	Rest of 140-199/
4.4	7.5	12.2	20.7	33.5	51.0	76.3	108.8	162.2	294.5	F	cancer sites	rest of C00-C80, C97
0.3	0.3	0.4	0.5	0.6	0.8	1.2	1.7	2.8	3.4	M	Hodgkin's disease	201/C81
0.2	0.2	0.2	0.3	0.3	0.5	0.7	1.1	1.7	2.6	F		
1.1	1.8	3.4	5.5	10.1	18.1	28.6	46.2	70.3	111.4	M	Myeloma and non-	200, 202-203/
0.5	1.0	1.9	3.2	5.9	10.8	17.9	29.6	47.7	73.8	F	Hodgkin lymphomas	C82-C90, C96
1.2	1.5	2.3	3.7	5.8	10.8	20.1	34.5	54.1	89.0	M	Leukaemia	204-208/C91-C95
0.9	1.1	1.7	2.4	3.9	6.5	11.2	18.2	29.5	52.3	F		
1.0	1.9	3.6	6.7	12.5	21.0	34.2	62.4	111.8	250.8	M	Diabetes	250/E10-E14
0.5	0.7	1.4	2.8	5.3	9.5	17.7	38.6	83.2	263.6	F		
16.1	31.2	58.2	104.3	171.8	264.6	437.5	762.0	1445.5	4332.3	M	ALL VASCULAR	390-459/I00-I99
6.5	11.8	21.0	34.3	54.3	90.9	173.4	374.4	875.7	4215.3	F	DISEASE	
0.1	0.2	0.2	0.6	0.9	1.4	2.3	4.9	8.8	20.5	M	Rheumatic heart	390-398/I00-I09
0.1	0.1	0.2	0.4	0.7	1.8	3.3	6.4	12.8	32.1	F	disease and fever	
0.4	1.0	2.0	3.8	7.2	11.2	19.6	34.2	71.4	289.4	M	Hypertensive disease	401-405/I10-I15
0.1	0.3	0.8	1.5	2.9	5.0	10.3	24.1	63.9	424.5	F		
6.3	14.4	30.1	56.2	91.1	138.6	215.1	356.4	618.8	1591.3	M	Ischaemic heart	410-414/I20-I25
1.4	3.2	6.4	11.5	18.7	33.1	64.1	130.0	280.9	1182.9	F	disease	
0.9	1.6	2.6	3.8	5.8	8.6	12.3	17.5	30.3	68.5	M	Pulmonary embolism	415.1, 451-453/
0.9	1.3	2.1	2.4	3.4	5.2	9.3	15.7	29.7	89.7	F	and other venous	126, 180-182
2.6	4.8	8.5	14.5	24.3	39.2	76.7	149.7	323.0	994.8	M	Cerebrovascular	430-438/I60-I69
1.9	3.4	6.4	9.8	14.2	21.4	41.2	96.6	240.2	1075.5	F	disease	
5.8	9.2	14.8	25.3	42.4	65.7	111.5	199.3	393.3	1367.7	M	Other vascular	Rest of 390-459/
2.1	3.4	5.1	8.7	14.4	24.4	45.2	101.6	248.4	1410.5	F	disease	rest of I00-I99
0.5	1.1	2.6	6.3	14.4	29.7	60.0	113.4	224.2	592.4	M	Chronic obstructive	490-496/
0.4	0.9	1.9	4.5	9.6	18.8	33.8	54.4	100.7	260.0	F	pulmonary disease	J40-J47, J67
2.5	3.2	5.5	9.3	15.9	26.1	49.4	98.1	208.0	767.2	M	Other respiratory	Rest of 460-519/
1.3	1.9	2.8	4.9	7.6	12.1	22.0	46.8	109.1	569.7	F	disease	rest of J00-J98
0.2	0.4	0.7	1.3	1.9	2.9	4.2	6.7	11.5	30.3	M	Peptic ulcer	531-533/K25-K27
0.1	0.1	0.3	0.5	0.8	1.5	2.4	3.9	7.6	27.4	F		
4.6	10.9	19.4	29.7	39.8	43.5	44.9	47.6	48.9	43.2	M	Liver cirrhosis	571/K70, K74
1.9	4.2	7.4	11.0	14.0	16.1	17.0	20.3	24.0	25.1	F		
0.4	0.5	0.8	2.1	3.9	6.6	12.6	28.1	58.5	221.2	M	Renal disease	580-590/N00-N19
0.3	0.3	0.6	1.1	2.0	3.6	7.3	16.8	38.9	165.9	F		
0.3	0.1	-	-	-	-	-	-	0.0	-	M	Pregnancy, birth	630-676/A34, O00-O99
1.0	1.0	1.3	1.9	2.6	2.7	1.8	1.7	1.8	2.9	M	Congenital and	740-779/A33,
0.8	0.8	1.2	1.5	2.2	2.3	1.5	1.4	1.7	2.4	F	perinatal causes	P00-P96, Q00-Q99
9.5	13.4	18.4	26.5	35.0	42.0	49.7	67.5	106.1	364.1	M	Ill-defined causes	780-799/R00-R99
3.4	4.7	6.4	9.1	12.1	16.1	22.4	34.2	67.5	437.5	F		
13.6	20.2	30.9	44.1	64.3	87.7	132.7	237.2	488.1	1542.2	M	Other medical causes	Rest of 001-799/
6.8	10.3	15.9	24.4	36.4	54.9	90.5	166.4	382.1	1680.5	F		rest of A00-R99
41.6	45.1	49.0	52.6	55.2	53.2	60.6	79.6	126.0	339.1	M	ALL NON-	E800-E999/V01-Y89
10.7	12.5	15.5	18.6	19.2	20.3	24.4	35.7	66.5	265.8	F	MEDICAL CAUSES	
8.8	7.8	7.8	7.8	6.9	6.1	7.5	9.1	12.8	18.3	M	Road traffic	E810-E819, E826-E829/
1.6	1.7	2.0	2.2	2.0	2.4	2.5	4.0	5.5	5.8	F	accidents	part of V01-V99, Y850
0.4	0.5	0.6	0.8	1.0	0.9	1.2	1.1	1.5	2.9	M	Fire	E890-E899/X00-X09
0.1	0.3	0.3	0.4	0.3	0.5	0.6	0.9	1.3	2.4	F		
16.6	20.0	22.1	23.1	22.4	19.6	18.8	22.5	28.5	45.2	M	Suicide	E950-E959/X60-X84
4.7	5.9	7.0	8.3	7.7	6.9	7.2	7.4	7.4	8.8	F		
14061	15429	15298	13611	12102	11533	9366	8323	6239	6938	M	POPULATION	
13933	15331	15288	13761	12445	12061	10126	9717	8188	13069	F	(1000s; UN, 2015 revision)	

<b>EU15 (European Union - 15 countries): 2010</b>
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**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	– / 43	– / 22	–
35–69	153 / 515	51 / 280	24 years
70+	256 / 1262	143 / 1574	7 years
<b>All ages</b>	<b>409 / 1820</b>	<b>194 / 1876</b>	<b>13 years</b>

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

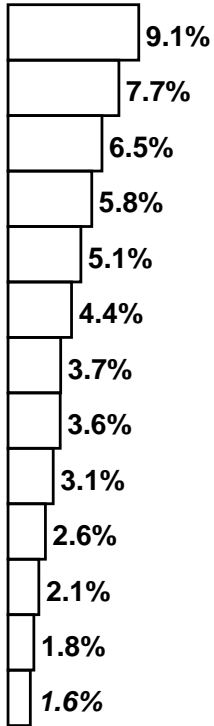
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.1	54/61	71/82	126/143	–/0.1	19/27	24/35	43/62
All Cancer	–/4.1	80/204 (39%)	106/352 (30%)	185/560	–/3.7	24/144 (17%)	32/293 (11%)	56/441
Vascular	–/2.6	40/122	72/454	112/579	–/1.4	12/46	55/659	67/706
Respiratory	–/0.9	13/25	56/139	69/165	–/0.6	6.7/14	36/135	43/150
All Other	–/36	20/163	23/317	43/516	–/17	7.7/75	20/487	28/579
<b>All Causes</b>	<b>–/43</b>	<b>153/515 (30%)</b>	<b>256/1262 (20%)</b>	<b>409/1820</b>	<b>–/22</b>	<b>51/280 (18%)</b>	<b>143/1574 (9%)</b>	<b>194/1876</b>

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

Cause	Male	Female	Male + Female
All Cancer	185 / 560 (33%)	56 / 441 (13%)	241 / 1001 (24%)
All Causes	409 / 1820 (22%)	194 / 1876 (10%)	602 / 3696 (16%)

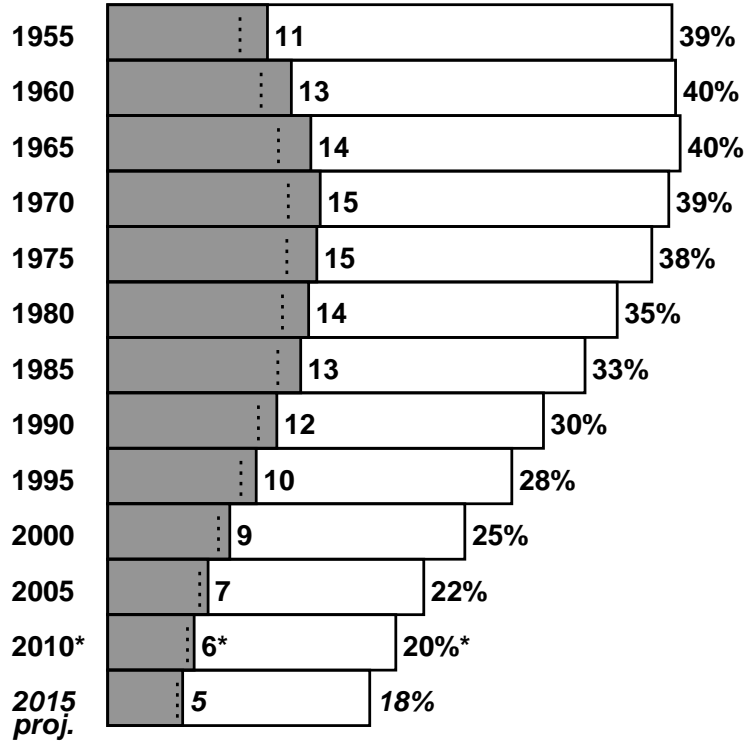
1955-2015: EU15 (European Union - 15 countries)

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)

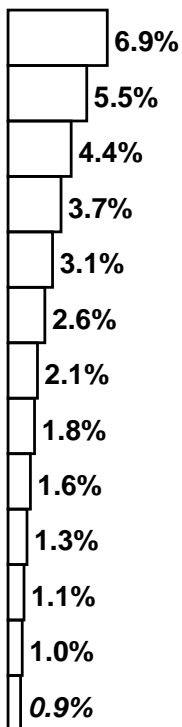
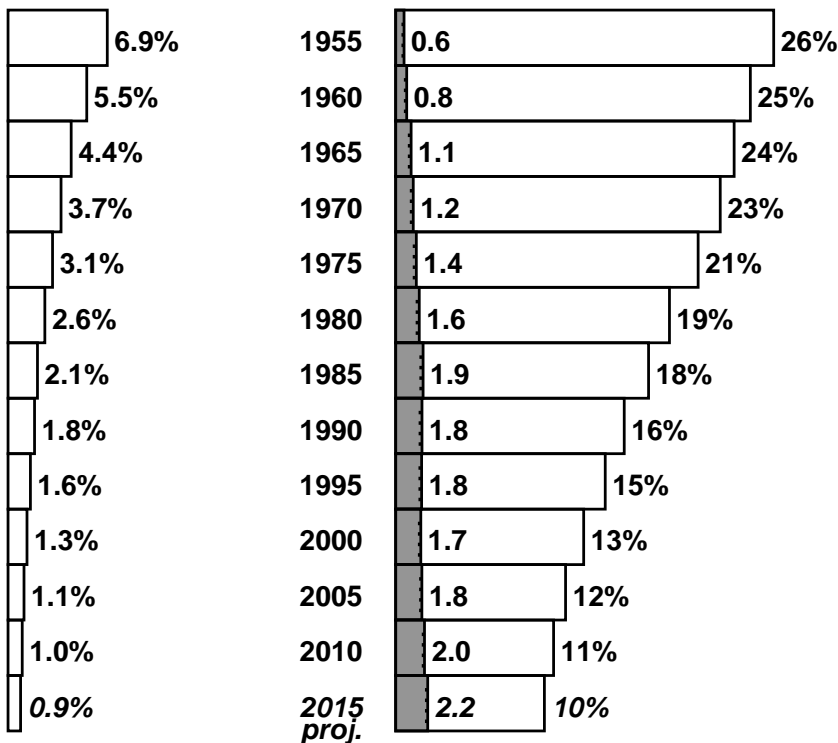
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 20 would die before age 70 (with 6 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



<b>EU15 (European Union - 15 countries): 1950-2015</b>
--

**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	– / 36	– / 19	–
35–69	141 / 496	60 / 282	<b>24 years</b>
70+	245 / 1305	152 / 1578	7 years
<b>All ages</b>	<b>385 / 1837</b>	<b>212 / 1878</b>	<b>13 years</b>

**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	–/236	195/666 <b>(29%)</b>	60/763 <b>(8%)</b>	255/1665	–/174	11/502 <b>(2%)</b>	5.0/903 <b>(0.6%)</b>	16/1579
1965	–/183	278/780 <b>(36%)</b>	133/872 <b>(15%)</b>	411/1836	–/120	23/499 <b>(5%)</b>	17/1092 <b>(2%)</b>	39/1710
1975	–/136	294/773 <b>(38%)</b>	249/1039 <b>(24%)</b>	543/1947	–/78	31/462 <b>(7%)</b>	36/1313 <b>(3%)</b>	68/1853
1985	–/97	264/658 <b>(40%)</b>	288/1143 <b>(25%)</b>	553/1898	–/49	38/364 <b>(11%)</b>	69/1461 <b>(5%)</b>	108/1874
1995	–/85	233/641 <b>(36%)</b>	283/1133 <b>(25%)</b>	517/1859	–/38	40/332 <b>(12%)</b>	114/1511 <b>(8%)</b>	154/1881
2005	–/52	171/543 <b>(32%)</b>	264/1200 <b>(22%)</b>	435/1795	–/25	44/289 <b>(15%)</b>	134/1545 <b>(9%)</b>	178/1859
2015 <i>proj.</i>	–/36	141/496 <b>(28%)</b>	245/1305 <b>(19%)</b>	385/1837	–/19	60/282 <b>(21%)</b>	152/1578 <b>(10%)</b>	212/1878

**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 36 / 222M**

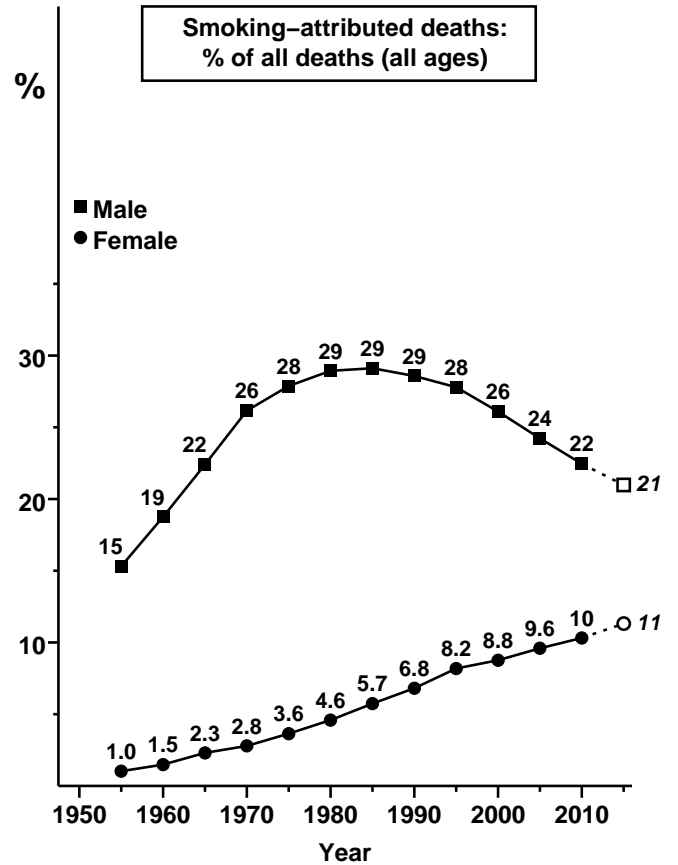
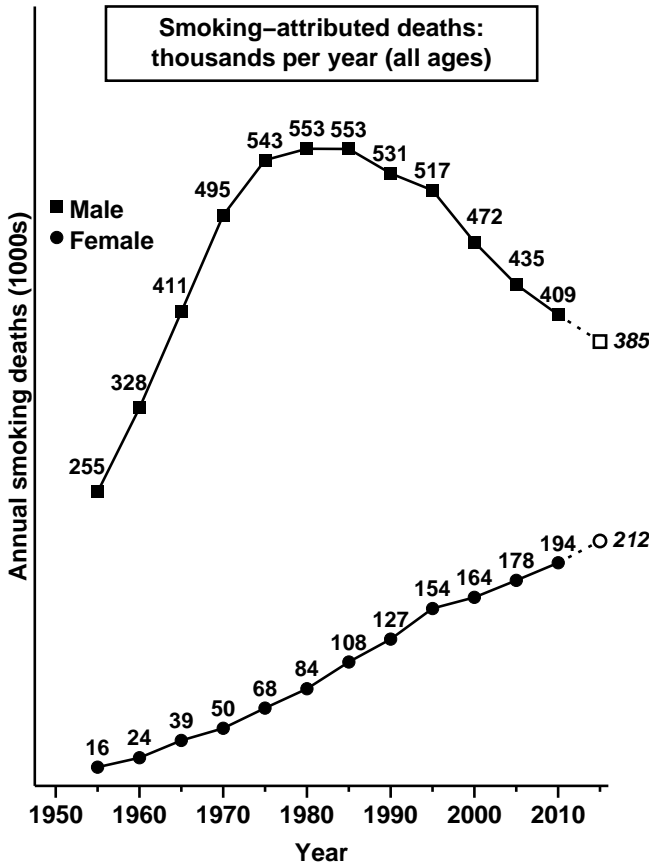
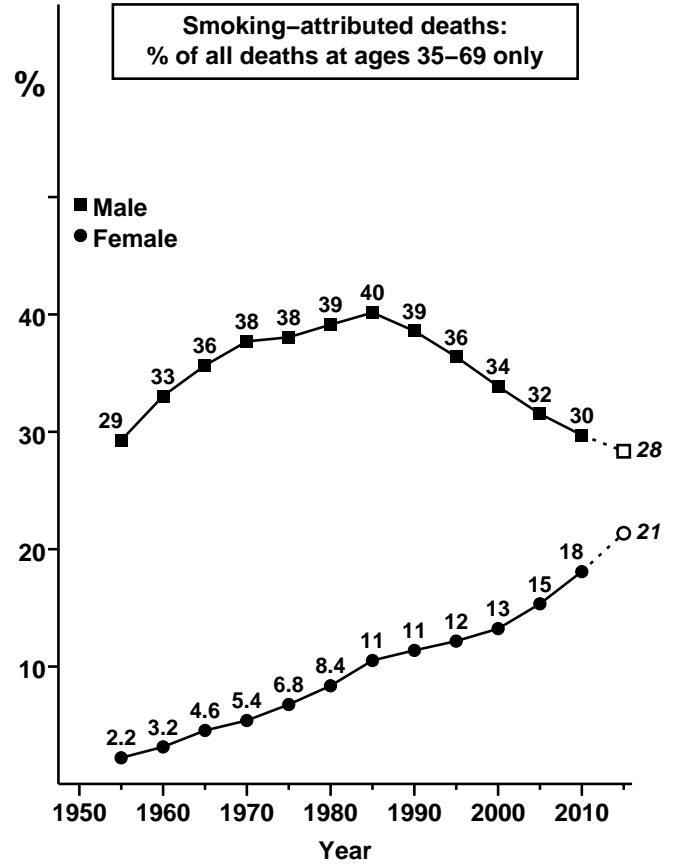
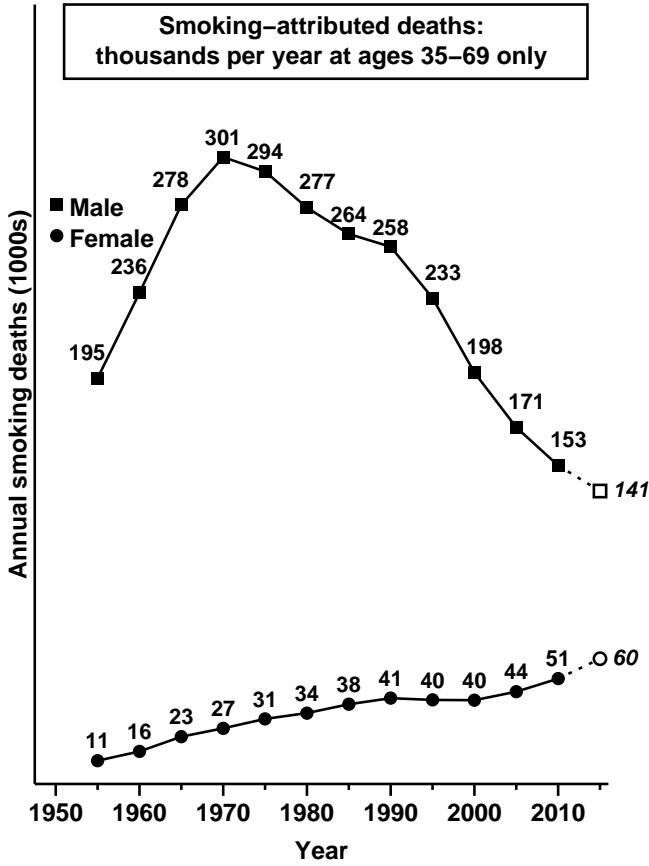
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/5.9M	14/39M	15/67M	28/112M	–/3.3M	2.4/22M	5.2/85M	7.6/111M
	<b>(36%)</b>	<b>(22%)</b>			<b>(11%)</b>	<b>(6%)</b>	

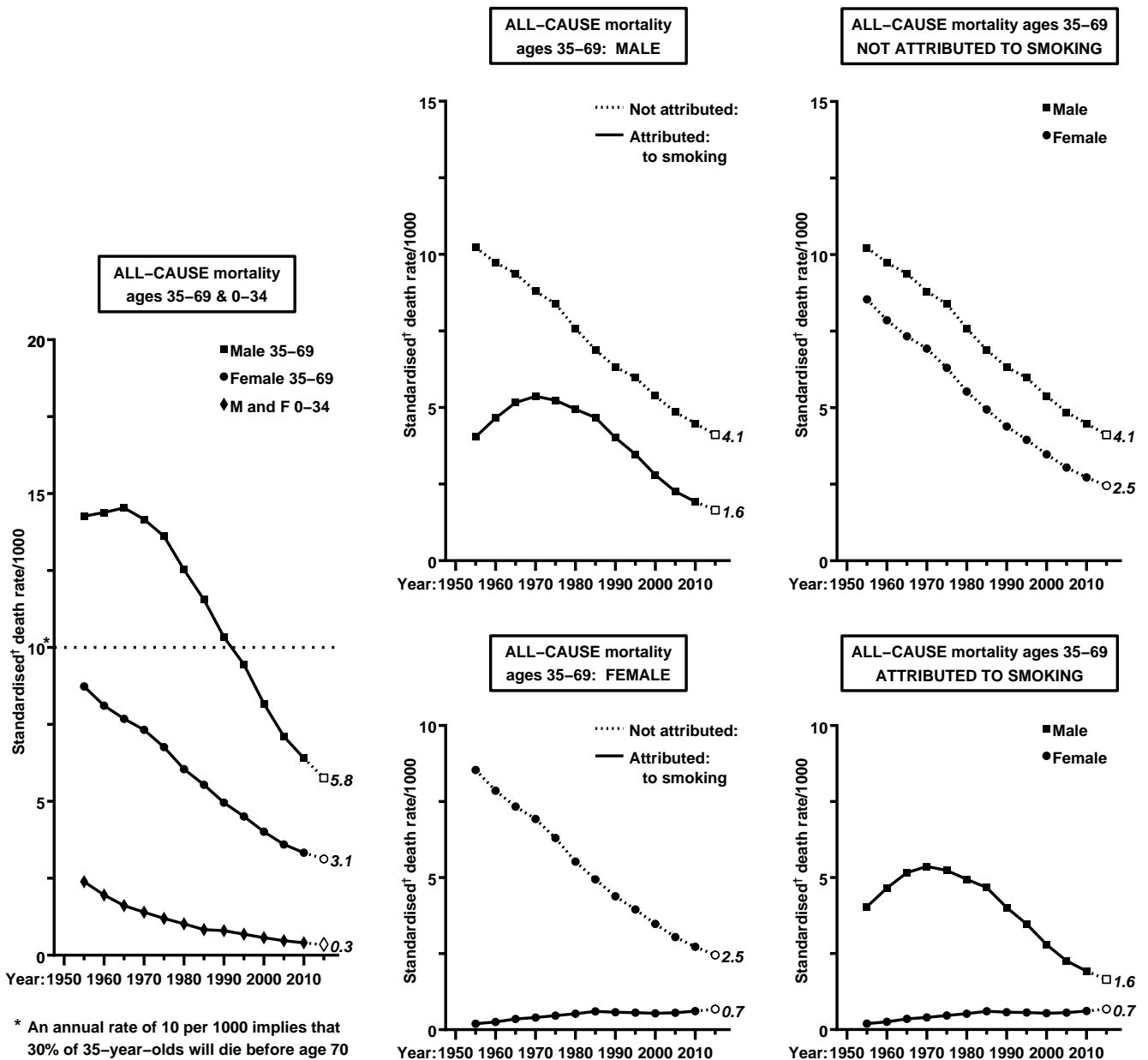


1955-2015: EU15 (European Union - 15 countries)



**EU15 (European Union - 15 countries): 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



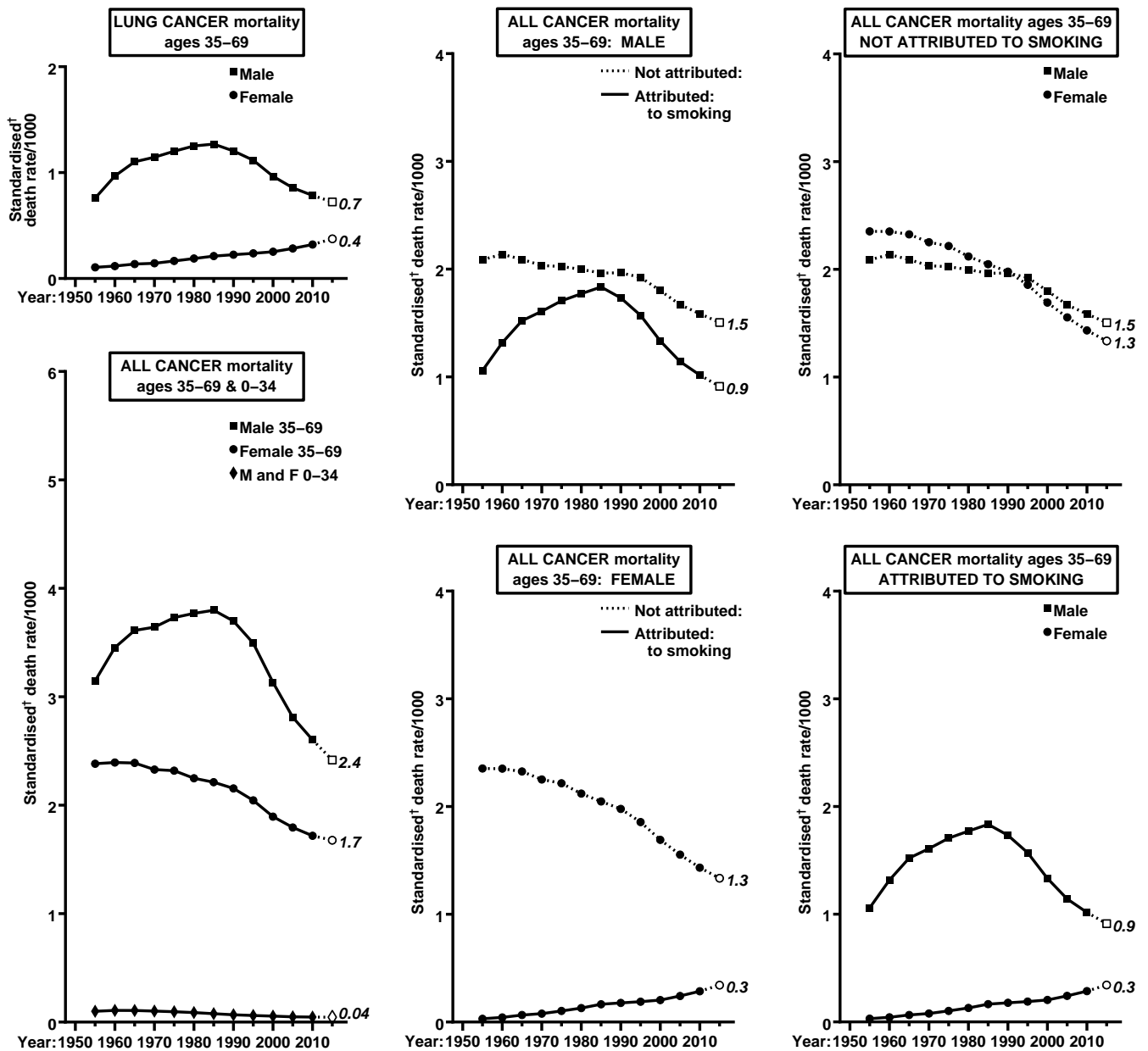
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	-	2.73	4.04	10.2	6.98	71.1	-	2.05	0.19	8.54	0.40	59.2				
1960	-	2.30	4.65	9.73	9.84	67.6	-	1.61	0.25	7.85	0.58	55.5				
1965	-	1.93	5.16	9.38	13.4	63.3	-	1.29	0.35	7.33	0.96	51.4				
1970	-	1.72	5.36	8.80	18.0	59.4	-	1.07	0.40	6.93	1.14	49.1				
1975	-	1.49	5.23	8.38	19.9	56.8	-	0.90	0.46	6.30	1.51	45.2				
1980	-	1.29	4.94	7.58	19.5	51.3	-	0.74	0.52	5.52	1.81	39.2				
1985	-	1.07	4.67	6.88	18.2	47.6	-	0.59	0.60	4.94	2.21	35.0				
1990	-	1.06	4.01	6.32	16.9	41.8	-	0.53	0.57	4.38	2.75	30.3				
1995	-	0.91	3.47	5.97	15.5	38.5	-	0.45	0.56	3.95	3.01	27.0				
2000	-	0.75	2.79	5.38	12.5	34.4	-	0.38	0.54	3.47	2.73	23.3				
2005	-	0.62	2.26	4.85	10.3	30.8	-	0.32	0.55	3.04	2.55	20.3				
2010	-	0.52	1.92	4.48	8.27	26.9	-	0.28	0.61	2.72	2.39	17.6				
2015	-	0.45	1.65	4.11	6.77	24.0	-	0.25	0.67	2.45	2.38	15.5				

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

1955-2015: EU15 (European Union - 15 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



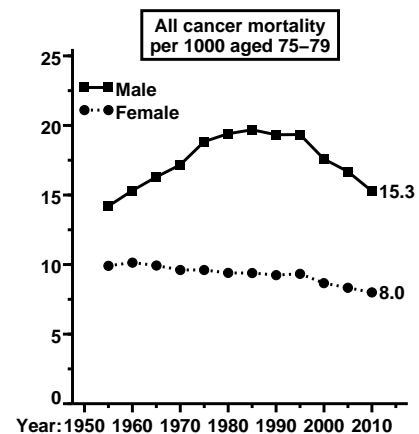
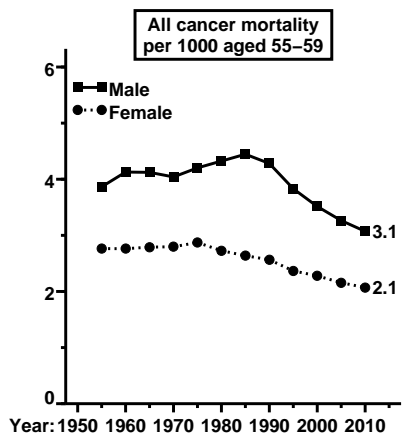
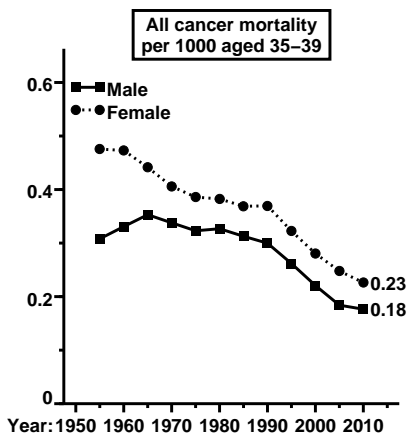
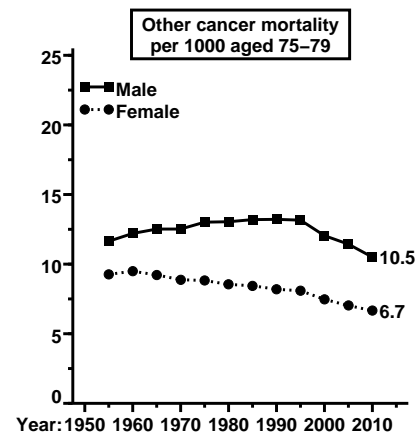
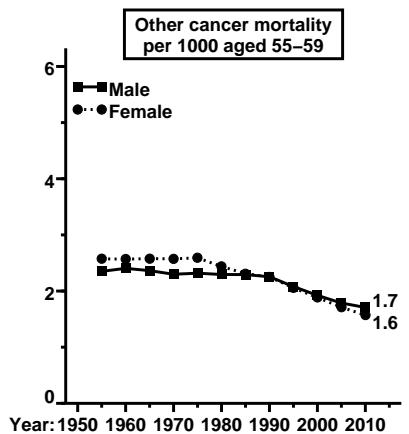
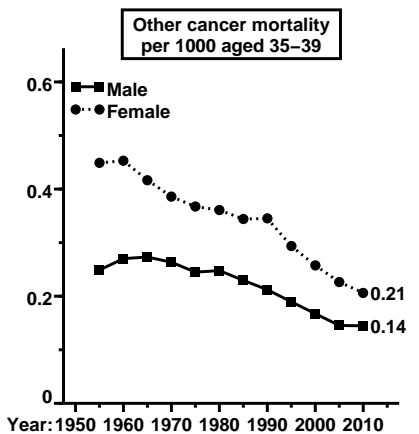
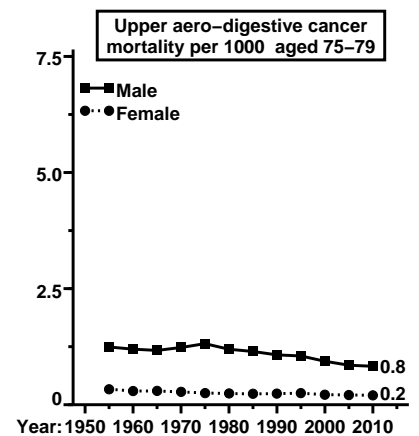
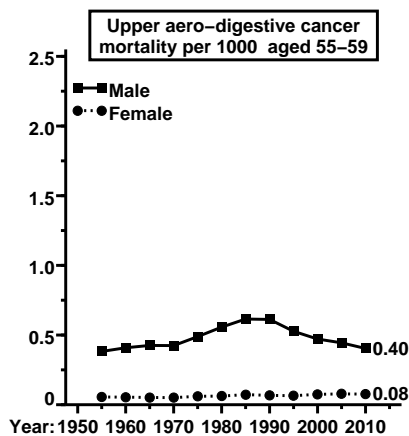
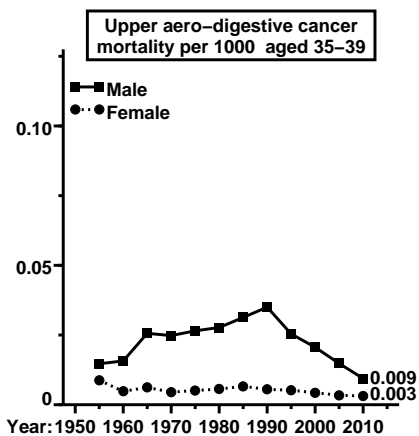
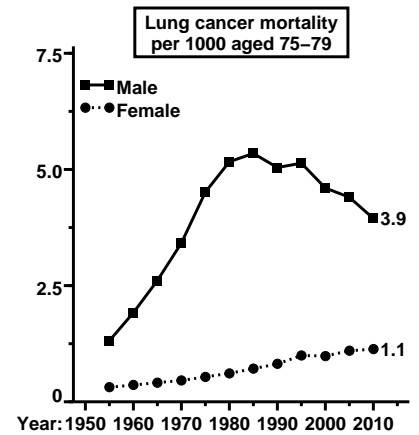
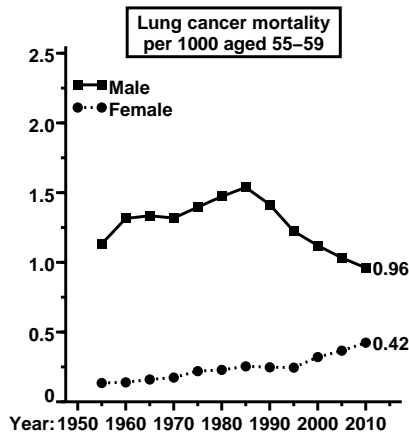
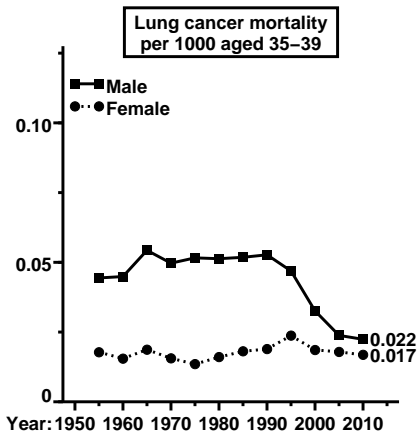
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	0.10	1.06	2.09	1.73	10.9	-	0.10	0.03	2.35	0.05	8.63	-	0.10	0.04	2.35	0.08	8.67
1960	-	0.11	1.32	2.14	2.58	11.0	-	0.10	0.06	2.32	0.14	8.58	-	0.10	0.08	2.25	0.17	8.20
1965	-	0.12	1.52	2.09	3.69	11.0	-	0.09	0.10	2.22	0.26	8.05	-	0.09	0.13	2.12	0.35	7.81
1970	-	0.11	1.61	2.03	4.95	10.5	-	0.07	0.16	2.05	0.49	7.69	-	0.08	0.18	1.98	0.67	7.47
1975	-	0.10	1.71	2.02	6.41	10.6	-	0.06	0.19	1.86	0.80	7.21	-	0.08	0.20	1.69	0.80	6.71
1980	-	0.09	1.77	2.00	6.46	10.6	-	0.06	0.18	1.98	0.67	7.47	-	0.07	0.22	1.69	0.80	6.71
1985	-	0.08	1.83	1.96	6.54	10.5	-	0.06	0.24	1.55	0.85	6.29	-	0.07	0.29	1.43	0.90	5.95
1990	-	0.07	1.73	1.97	4.28	8.63	-	0.04	0.29	1.43	1.00	5.67	-	0.06	0.29	1.43	0.90	5.95
1995	-	0.06	1.57	1.92	3.76	8.17	-	0.04	0.34	1.33	1.00	5.67	-	0.06	0.34	1.33	1.00	5.67
2000	-	0.06	1.33	1.80	5.50	9.72	-	0.05	0.20	1.69	0.80	6.71	-	0.05	0.20	1.69	0.80	6.71
2005	-	0.05	1.14	1.67	4.93	9.29	-	0.05	0.24	1.55	0.85	6.29	-	0.05	0.24	1.55	0.85	6.29
2010	-	0.05	1.02	1.59	4.28	8.63	-	0.04	0.29	1.43	0.90	5.95	-	0.04	0.29	1.43	0.90	5.95
2015	-	0.05	0.91	1.50	3.76	8.17	-	0.04	0.34	1.33	1.00	5.67	-	0.04	0.34	1.33	1.00	5.67

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

**EU15 (European Union - 15 countries): 1955-2010**

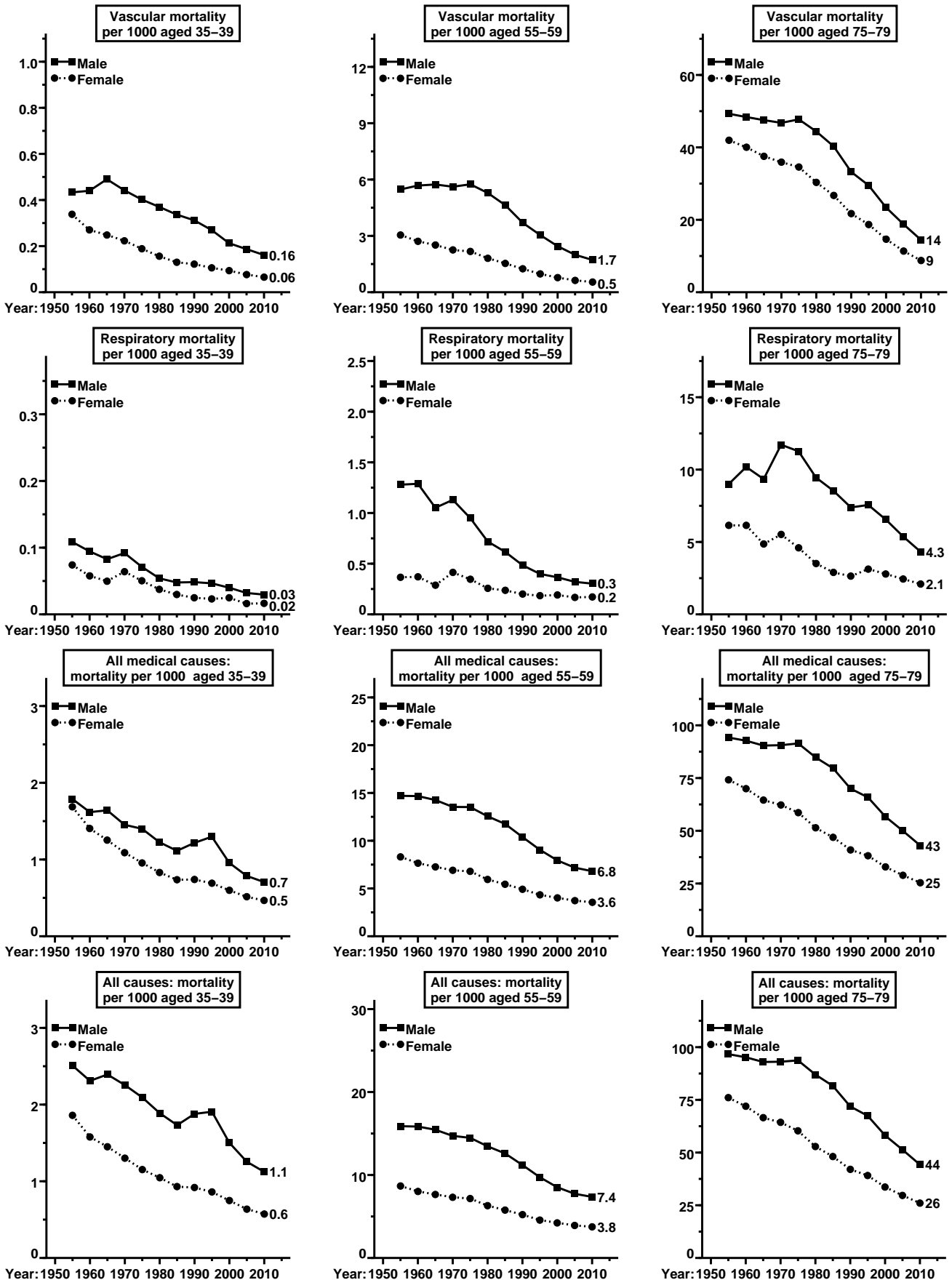
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010

1955-2010: EU15 (European Union - 15 countries)

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



\* Annual mortality per 1000: 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010





<b>EU13 recent (European Union - 13 countries): 2010</b>
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**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	– / 22	– / 9.2	–
35–69	106 / 271	23 / 125	22 years
70+	74 / 334	32 / 448	8 years
<b>All ages</b>	<b>180 / 627</b>	<b>55 / 582</b>	<b>16 years</b>

**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	–/0.1	24/26	16/18	40/44	–/0.0	6.4/8.5	4.3/6.7	11/15
All Cancer	–/1.6	39/79 (50%)	24/72 (34%)	64/153	–/1.3	8.1/51 (16%)	5.6/64 (9%)	14/116
Vascular	–/1.7	47/98	36/196	83/295	–/0.7	10/41	20/302	30/344
Respiratory	–/1.2	7.6/12	10/22	18/35	–/0.8	2.0/4.6	4.4/18	6.5/23
All Other	–/18	12/82	3.8/45	16/144	–/6.3	2.8/29	2.2/64	4.9/99
<b>All Causes</b>	<b>–/22</b>	<b>106/271 (39%)</b>	<b>74/334 (22%)</b>	<b>180/627</b>	<b>–/9.2</b>	<b>23/125 (19%)</b>	<b>32/448 (7%)</b>	<b>55/582</b>

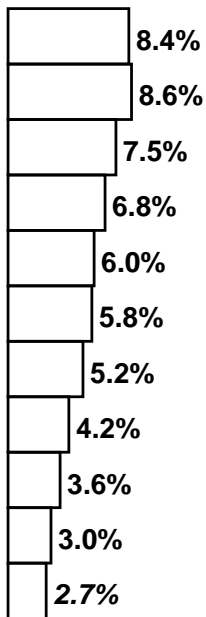
**Cancer deaths, and all deaths,  
attributed to SMOKING / total deaths (thousands) in the year 2010**

Cause	Male	Female	Male + Female
All Cancer	64 / 153 (42%)	14 / 116 (12%)	77 / 269 (29%)
All Causes	180 / 627 (29%)	55 / 582 (10%)	236 / 1209 (19%)



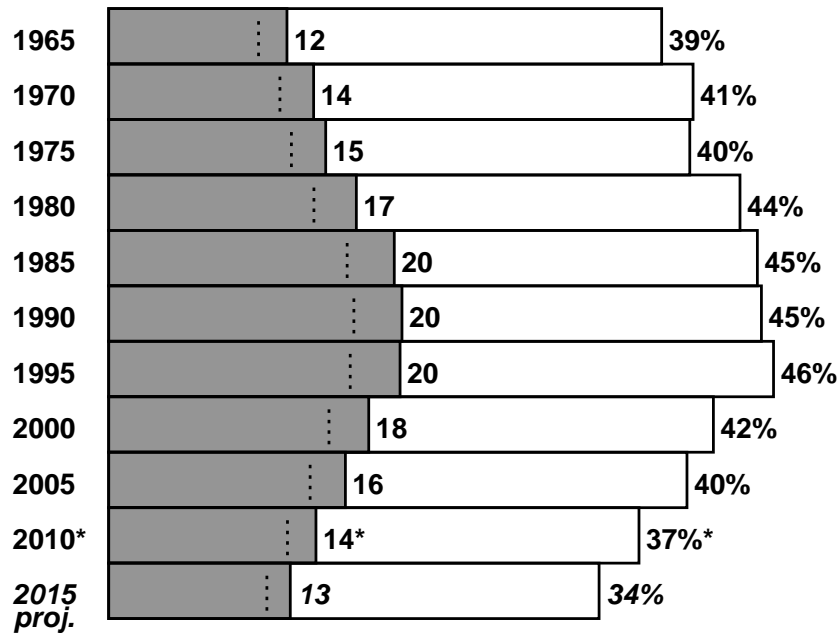
**1965-2015: EU13 recent (European Union - 13 countries)**

**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)**

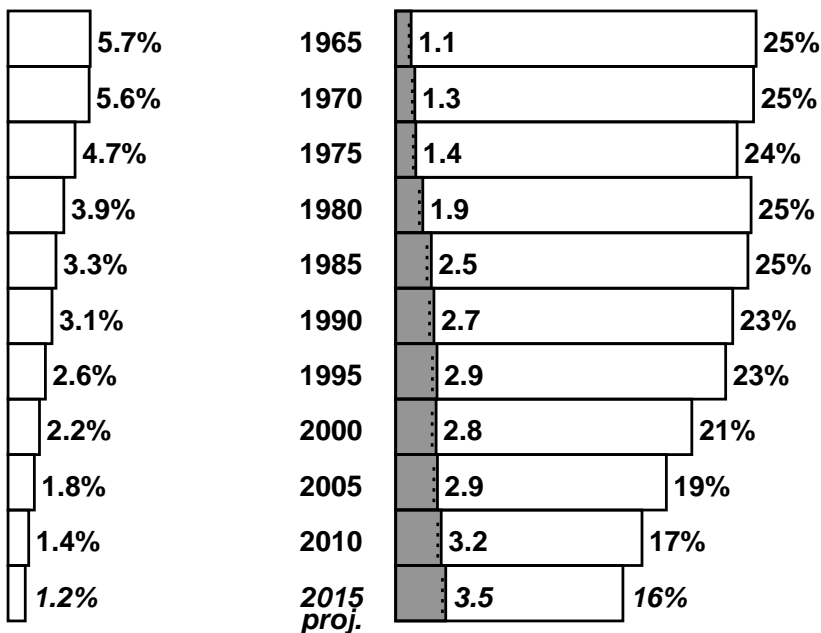
**MALE**



\*eg, at year 2010 male death rates, out of 100 men aged 35, 37 would die before age 70 (with 14 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**



<b>EU13 recent (European Union - 13 countries): 1960-2015</b>
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*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	– / 18	– / 7.2	–
35–69	99 / 267	27 / 124	22 years
70+	73 / 326	35 / 441	8 years
<b>All ages</b>	<b>172 / 611</b>	<b>63 / 572</b>	<b>15 years</b>

**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	–/69	63/194 <b>(32%)</b>	24/168 <b>(14%)</b>	87/431	–/45	5.8/138 <b>(4%)</b>	4.3/224 <b>(2%)</b>	10/407
1975	–/67	87/236 <b>(37%)</b>	50/241 <b>(21%)</b>	137/544	–/39	8.5/146 <b>(6%)</b>	8.5/308 <b>(3%)</b>	17/494
1985	–/55	125/278 <b>(45%)</b>	63/320 <b>(20%)</b>	187/653	–/29	15/150 <b>(10%)</b>	14/410 <b>(3%)</b>	29/590
1995	–/41	148/340 <b>(44%)</b>	63/298 <b>(21%)</b>	211/679	–/19	21/166 <b>(12%)</b>	22/410 <b>(5%)</b>	43/595
2005	–/27	117/287 <b>(41%)</b>	74/325 <b>(23%)</b>	191/639	–/12	21/134 <b>(16%)</b>	28/433 <b>(7%)</b>	49/579
2015 <i>proj.</i>	–/18	99/267 <b>(37%)</b>	73/326 <b>(22%)</b>	172/611	–/7.2	27/124 <b>(22%)</b>	35/441 <b>(8%)</b>	63/572

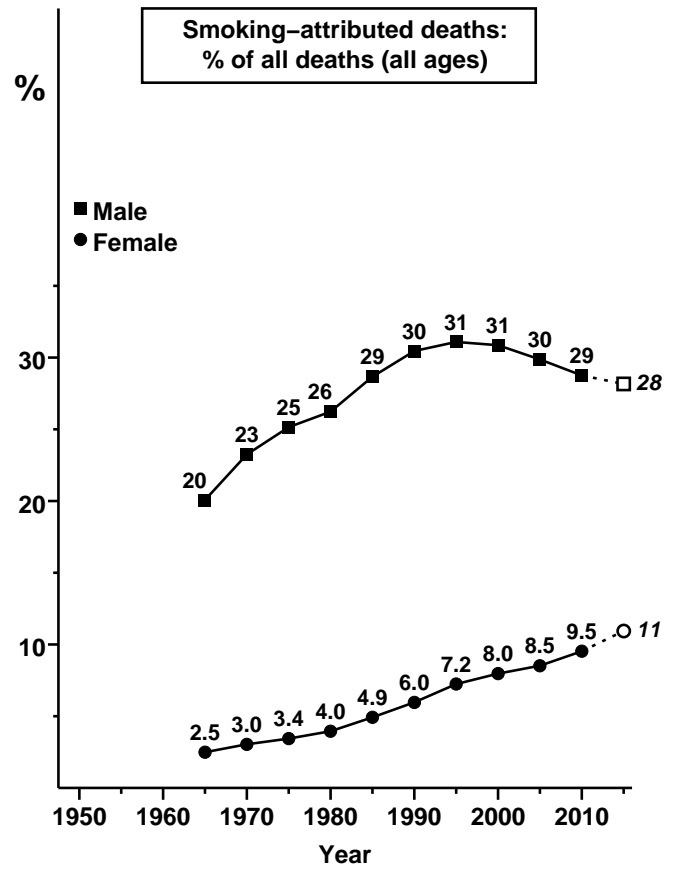
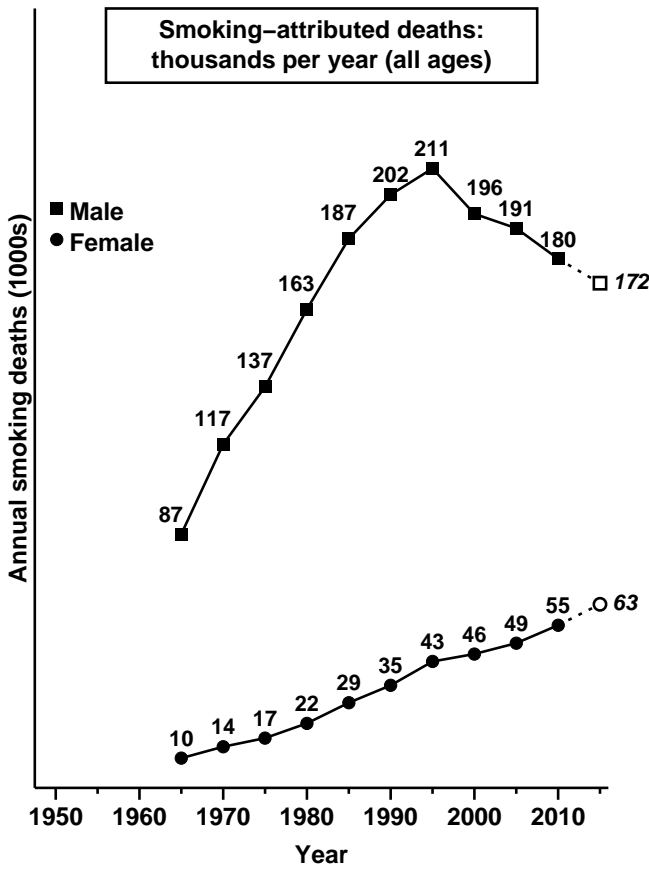
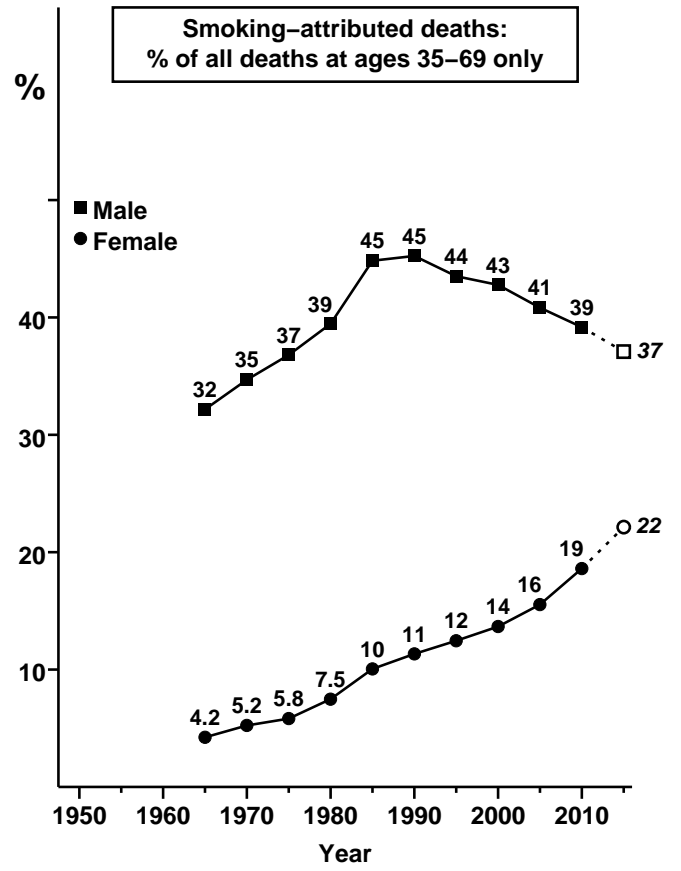
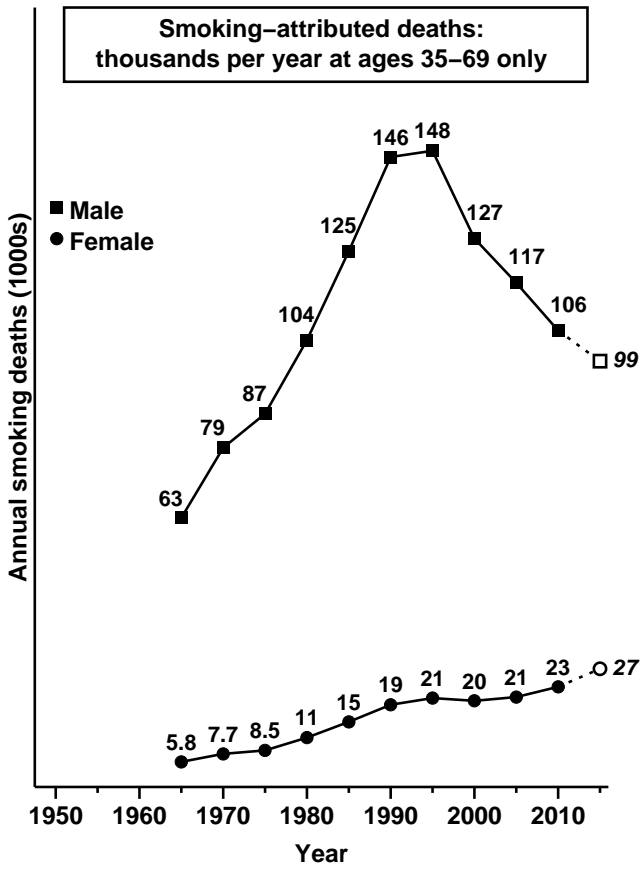
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 12 / 68M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

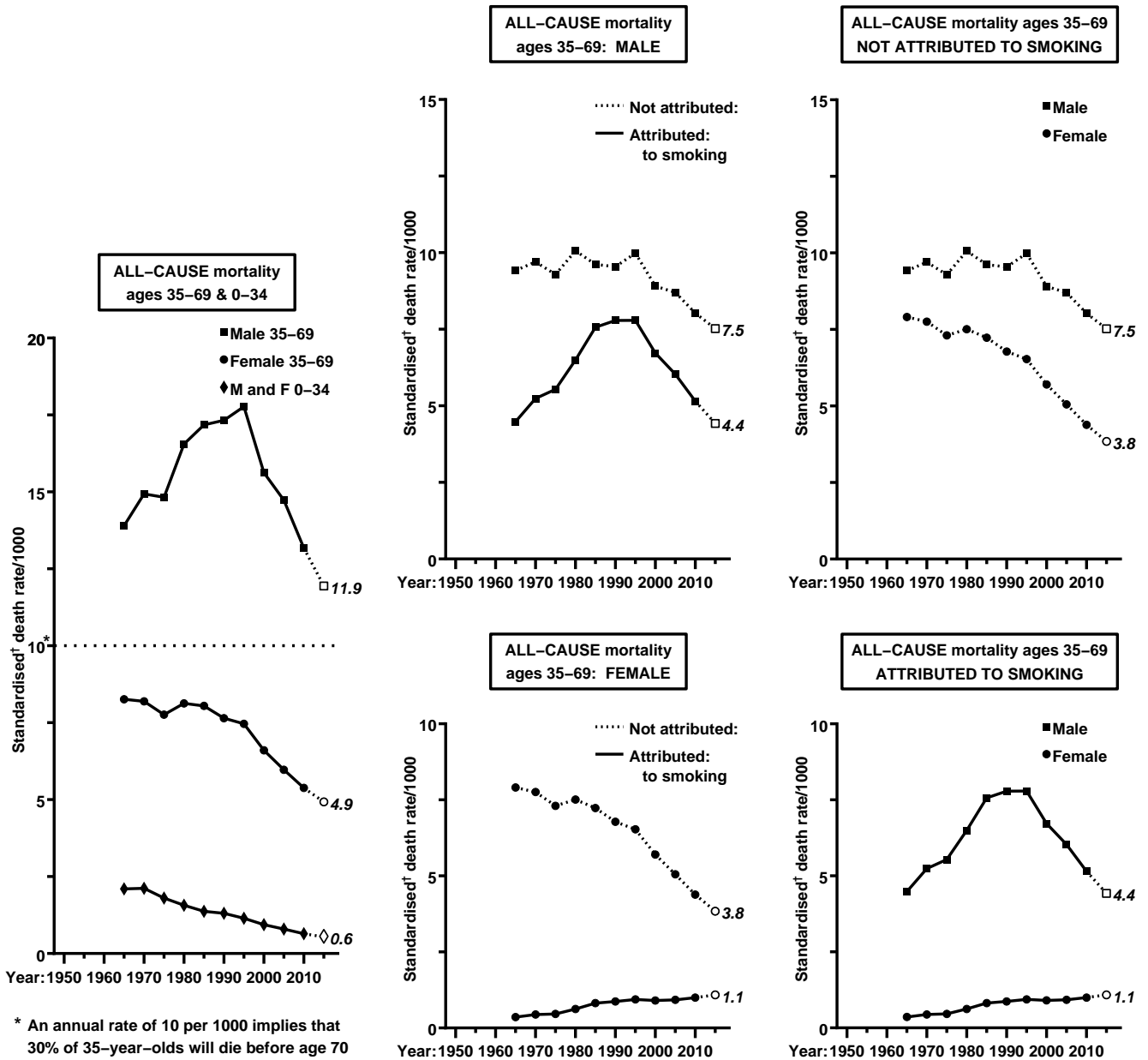
–/2.8M	6.4/16M	3.5/17M	9.8/36M	–/1.5M	1.0/8.6M	1.1/22M	2.1/32M
	<b>(40%)</b>	<b>(21%)</b>			<b>(11%)</b>	<b>(5%)</b>	

1965-2015: EU13 recent (European Union - 13 countries)



**EU13 recent (European Union - 13 countries): 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

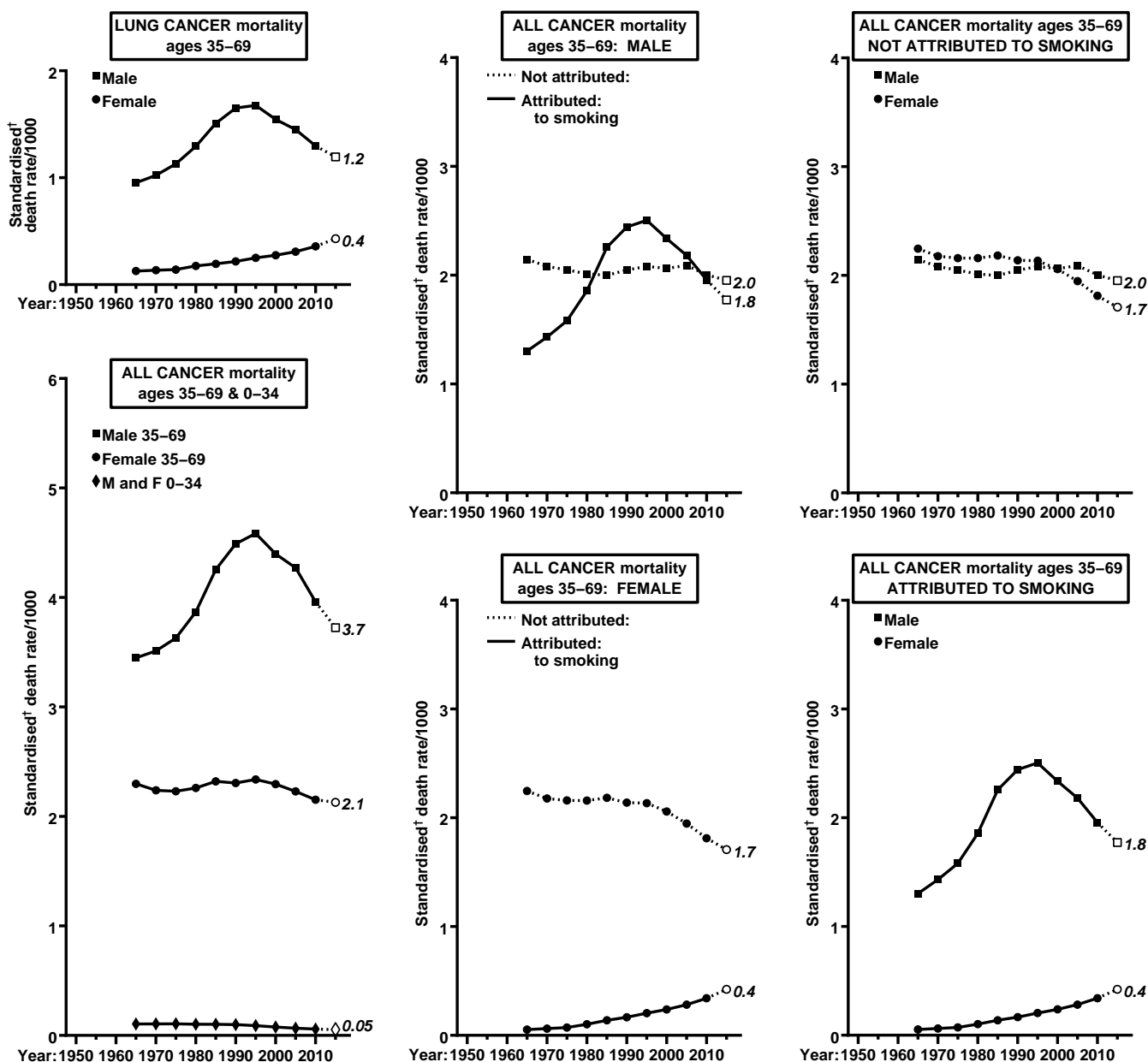


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.51	4.48	9.42	12.3	66.9	-	1.68	0.35	7.90	1.30	58.2
1970	-	2.57	5.24	9.70	16.4	65.7	-	1.66	0.44	7.75	1.57	56.9
1975	-	2.23	5.54	9.29	17.7	62.9	-	1.37	0.46	7.30	1.73	53.6
1980	-	2.00	6.49	10.1	17.9	66.0	-	1.13	0.62	7.51	1.85	53.8
1985	-	1.77	7.56	9.61	17.5	64.3	-	0.97	0.81	7.23	2.13	51.4
1990	-	1.72	7.78	9.54	18.1	60.3	-	0.89	0.87	6.78	2.70	46.9
1995	-	1.53	7.79	9.98	18.1	57.8	-	0.75	0.93	6.53	3.03	43.8
2000	-	1.24	6.72	8.90	16.7	51.8	-	0.63	0.90	5.70	3.03	39.1
2005	-	1.06	6.03	8.70	16.1	48.0	-	0.53	0.92	5.05	2.92	35.0
2010	-	0.87	5.15	8.02	14.7	43.5	-	0.41	0.99	4.38	2.83	30.0
2015	-	0.77	4.42	7.52	13.6	39.0	-	0.34	1.08	3.84	2.84	25.8

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

1965-2015: EU13 recent (European Union - 13 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



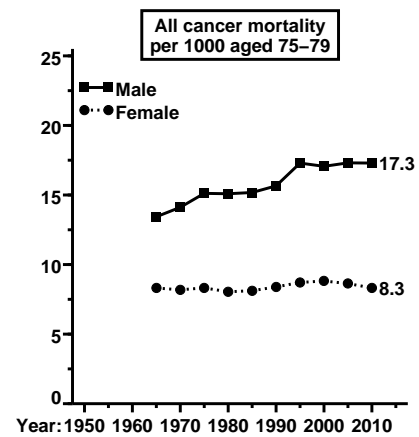
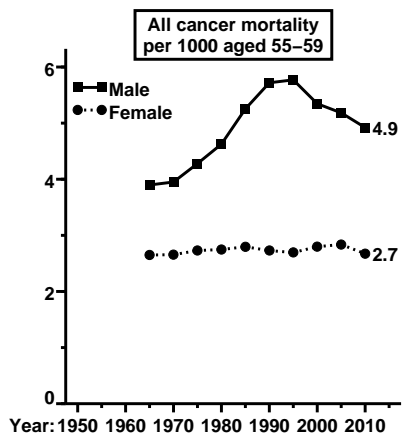
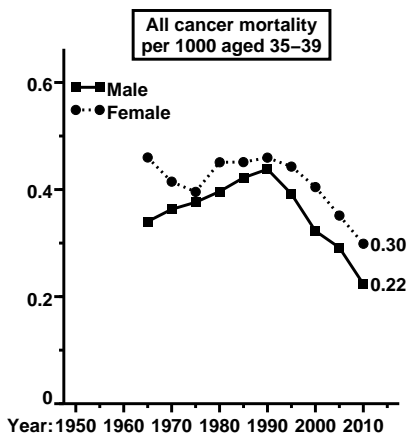
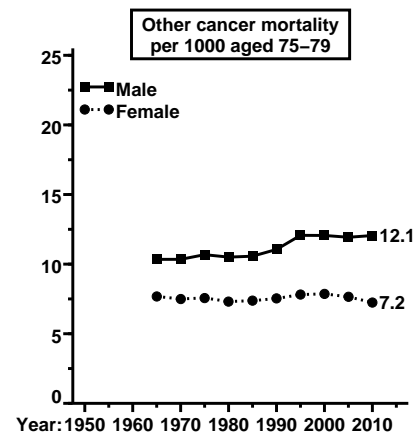
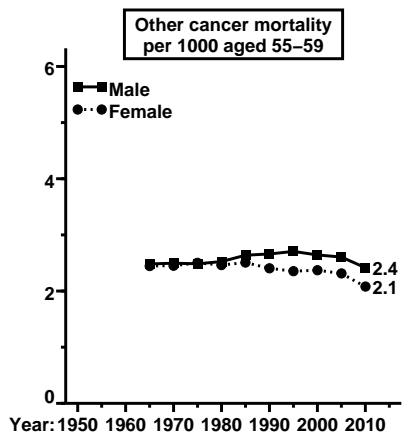
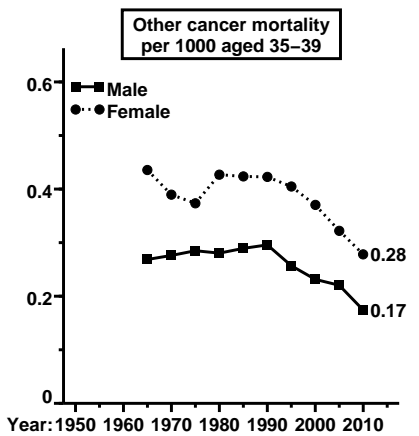
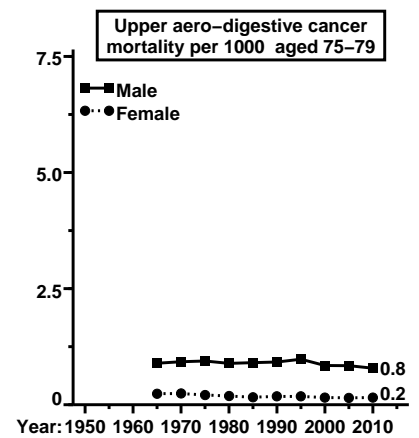
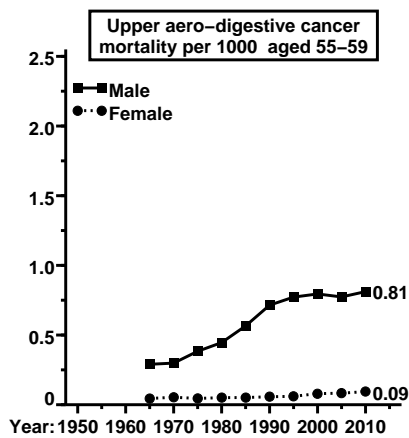
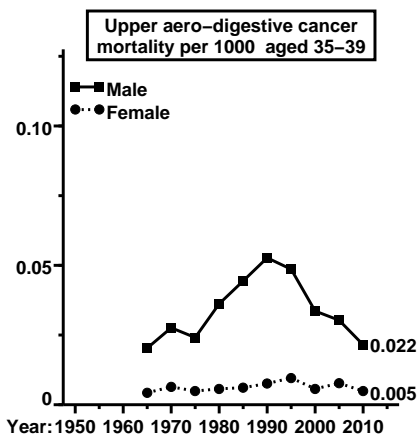
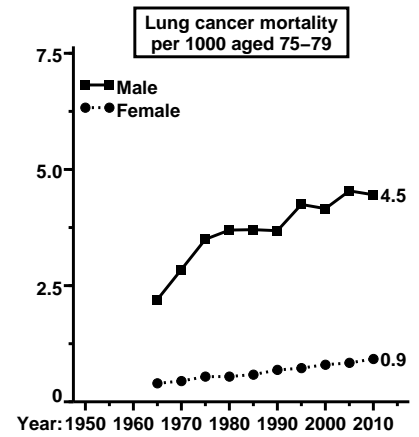
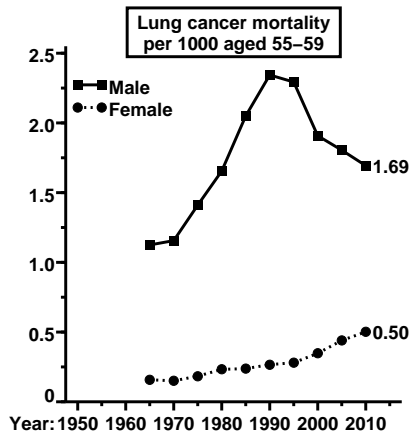
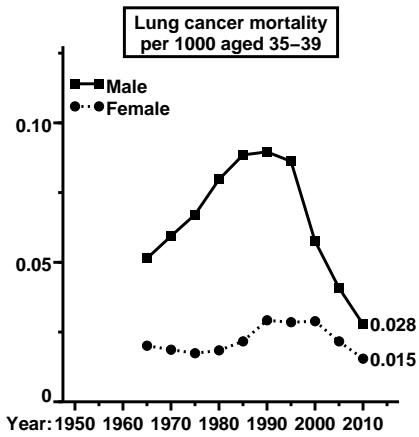
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11	1.30	2.15	3.12	9.72	-	0.10	0.05	2.25	0.15	7.53	-	0.10	0.06	2.18	0.21	7.20
1970	-	0.11	1.43	2.08	3.98	9.21	-	0.10	0.07	2.16	0.21	7.20	-	0.10	0.10	2.16	0.24	6.93
1975	-	0.11	1.58	2.05	4.50	9.40	-	0.10	0.14	2.18	0.30	7.01	-	0.09	0.17	2.14	0.42	7.20
1980	-	0.11	1.86	2.01	4.61	9.22	-	0.10	0.20	2.13	0.52	7.20	-	0.08	0.20	2.13	0.52	7.20
1985	-	0.11	2.26	2.00	4.64	9.39	-	0.09	0.24	2.06	0.60	7.20	-	0.07	0.24	2.06	0.60	7.20
1990	-	0.10	2.44	2.05	5.17	9.55	-	0.09	0.28	1.95	0.64	7.00	-	0.07	0.28	1.95	0.64	7.00
1995	-	0.09	2.50	2.08	5.59	9.95	-	0.08	0.34	1.81	0.72	6.64	-	0.06	0.34	1.81	0.72	6.64
2000	-	0.08	2.34	2.06	5.73	9.95	-	0.07	0.34	1.81	0.72	6.64	-	0.06	0.34	1.81	0.72	6.64
2005	-	0.07	2.18	2.09	5.88	9.80	-	0.06	0.42	1.71	0.84	6.41	-	0.06	0.42	1.71	0.84	6.41
2010	-	0.06	1.96	2.00	5.74	9.97	-	0.05	0.42	1.71	0.84	6.41	-	0.05	0.42	1.71	0.84	6.41
2015	-	0.06	1.77	1.95	5.69	9.77	-	0.05	0.42	1.71	0.84	6.41	-	0.05	0.42	1.71	0.84	6.41

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

**EU13 recent (European Union - 13 countries): 1965-2010**

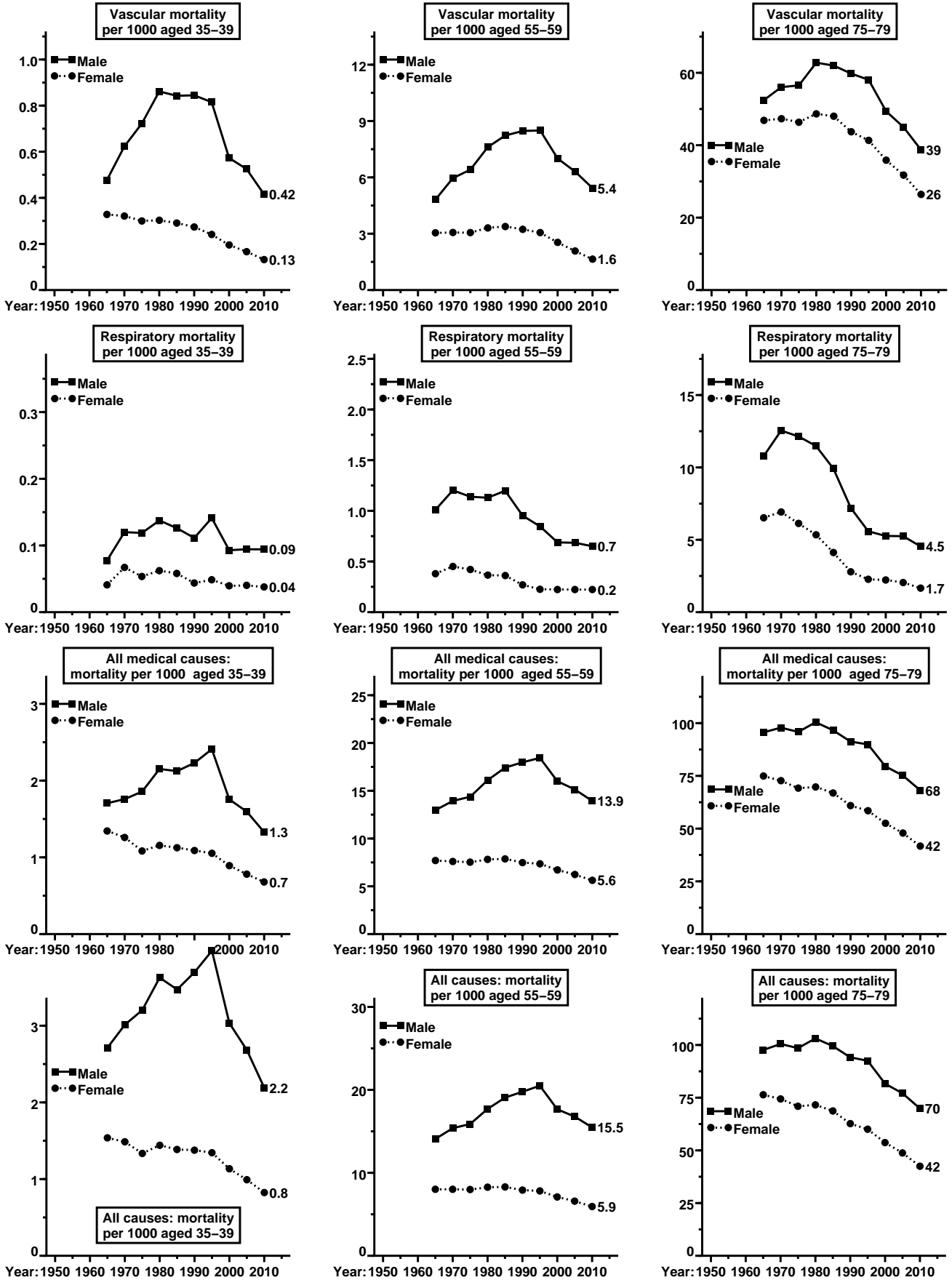
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010

1965-2010: EU13 recent (European Union - 13 countries)

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



\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010





## 2010: EU28 (European Union - 28 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			
135.9	209.0	342.3	589.2	926.3	1311.7	1915.5	2949.8	4871.2	11467.1	M	ALL CAUSES	001-999/A00-Y89
62.8	103.2	171.1	284.7	429.2	629.5	960.8	1583.1	2951.5	9720.0	F		
0.9	1.4	1.8	2.5	2.9	2.4	2.4	3.2	4.9	9.9	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.2	0.2	0.3	0.3	0.4	0.4	0.6	1.0	2.4	5.1	F		
3.3	5.5	8.1	8.7	10.3	13.7	20.2	32.7	58.7	146.0	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
1.5	2.0	2.8	3.4	4.5	7.3	12.3	21.3	42.5	129.8	F	and parasitic	
18.7	37.9	86.2	192.0	350.5	537.3	790.1	1117.5	1562.7	2385.1	M	ALL CANCER	140-208/C00-C97
24.2	45.5	82.3	145.8	221.9	314.3	435.1	585.0	806.2	1282.6	F		
0.7	2.4	7.2	16.3	23.5	25.7	26.1	24.5	25.4	27.9	M	Mouth and	140-149/C00-C14
0.2	0.7	1.5	2.9	4.3	4.8	5.4	5.3	7.4	12.8	F	pharynx cancer	
0.4	1.2	4.0	9.7	16.5	22.8	27.8	34.0	38.7	48.8	M	Oesophagus cancer	150/C15
0.1	0.2	0.7	1.7	2.9	4.4	5.8	7.4	10.3	17.9	F		
1.2	2.5	5.0	10.2	17.3	26.0	38.0	59.5	83.8	124.4	M	Stomach cancer	151/C16
1.1	1.9	3.0	4.6	7.0	10.1	15.8	23.8	37.3	66.4	F		
1.6	3.3	7.5	16.4	33.0	55.3	88.8	132.6	195.9	309.9	M	Colorectal cancer	153, 154/C18-C21
1.6	3.1	6.2	11.8	19.7	29.7	45.2	68.5	104.1	199.2	F		
0.5	1.2	3.5	7.7	13.4	21.2	32.4	46.0	58.8	64.8	M	Liver cancer	155.0/C22 excl C221
0.2	0.5	0.7	1.7	3.2	4.9	7.5	13.6	21.1	29.2	F		
0.9	2.3	5.3	11.6	21.4	31.8	49.0	64.2	81.3	101.4	M	Pancreas cancer	157/C25
0.6	1.3	3.3	6.5	12.2	19.9	31.9	46.8	63.5	91.8	F		
0.1	0.6	2.2	5.8	9.9	12.1	13.9	15.4	17.9	23.0	M	Larynx cancer	161/C32
0.0	0.1	0.2	0.7	0.9	0.9	1.2	1.6	1.5	2.0	F		
2.4	7.3	21.3	58.8	113.2	173.2	244.9	318.6	403.4	452.6	M	Lung cancer	162/C33, C34
1.6	4.8	12.3	28.5	44.3	61.0	77.7	90.0	108.8	123.4	F		
1.2	1.8	2.4	3.3	4.9	6.8	9.2	12.2	16.0	22.2	M	Malignant melanoma	172/C43
1.1	1.4	1.9	2.4	3.0	3.9	4.9	6.0	8.4	13.6	F		
7.1	13.6	22.0	34.5	46.2	59.0	72.4	87.0	109.7	181.4	F	Female breast cancer	174/C50
2.4	3.8	5.3	7.0	7.8	7.5	7.5	9.0	9.9	11.4	F	Cervix cancer	180/C53
0.4	1.1	2.1	3.5	7.0	10.5	15.8	21.2	25.7	37.2	F	Other uterine cancer	179, 182/C54, C55
1.3	2.7	5.7	10.3	15.2	21.8	29.7	35.1	42.9	50.6	F	Ovarian cancer	183/C56, C570-C574
0.0	0.1	0.8	2.7	9.2	23.1	50.2	96.9	182.7	455.8	M	Prostate cancer	185/C61
0.2	0.5	1.4	3.6	8.4	15.8	26.7	43.9	74.3	153.5	M	Bladder cancer	188/C67
0.1	0.2	0.6	1.1	2.0	3.1	5.5	8.7	15.2	37.1	F		
6.9	10.9	19.4	35.9	62.3	93.4	132.8	188.3	261.5	409.3	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
4.6	7.8	12.8	22.2	35.8	54.3	78.9	112.2	165.2	288.9	F	cancer sites	
0.3	0.3	0.5	0.6	0.6	0.8	1.3	1.7	2.8	3.3	M	Hodgkin's disease	201/C81
0.2	0.2	0.2	0.3	0.3	0.5	0.7	1.0	1.6	2.4	F		
1.1	1.9	3.3	5.6	10.4	17.6	27.9	44.7	66.3	102.9	M	Myeloma and non-	200, 202-203/ C82-C90, C96
0.6	1.1	1.9	3.2	5.9	10.8	17.8	28.8	44.6	67.4	F	Hodgkin lymphomas	
1.2	1.5	2.5	3.9	6.6	11.5	21.1	35.0	53.9	85.4	M	Leukaemia	204-208/C91-C95
0.9	1.1	1.8	2.7	4.3	7.0	11.6	18.8	28.9	49.8	F		
1.2	2.2	4.2	7.7	14.1	23.2	37.0	63.8	111.5	238.0	M	Diabetes	250/E10-E14
0.6	0.8	1.6	3.2	6.3	11.7	21.1	43.0	87.2	250.3	F		
21.8	43.6	81.6	155.2	258.7	388.2	605.5	1022.0	1867.0	4995.5	M	ALL VASCULAR	390-459/I00-I99
8.0	15.1	26.7	48.2	81.4	139.8	262.6	552.0	1247.7	4882.4	F	DISEASE	
0.1	0.2	0.4	0.7	1.0	1.7	2.8	5.4	8.9	19.9	M	Rheumatic heart	390-398/I00-I09
0.1	0.2	0.3	0.5	0.9	2.0	3.7	6.8	12.7	30.2	F	disease and fever	
0.6	1.6	3.5	7.5	14.1	21.1	34.4	61.7	115.1	352.6	M	Hypertensive disease	401-405/I10-I15
0.2	0.6	1.3	2.9	5.9	10.4	20.8	45.8	108.2	481.2	F		
8.1	19.0	39.0	76.3	125.4	187.1	279.2	447.6	760.0	1824.3	M	Ischaemic heart	410-414/I20-I25
1.7	4.0	7.9	15.9	28.1	50.0	95.1	191.1	407.4	1456.8	F	disease	
1.1	1.8	3.0	4.5	7.2	10.7	14.9	20.6	34.8	71.8	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
1.0	1.4	2.3	2.7	4.0	6.3	10.5	17.4	32.7	89.5	F	and other venous	
3.6	7.0	12.6	24.6	43.8	70.1	122.8	227.6	449.8	1155.8	M	Cerebrovascular	430-438/I60-I69
2.4	4.3	8.0	13.7	21.5	35.8	69.6	154.0	356.5	1230.7	F	disease	
8.2	14.0	23.1	41.6	67.2	97.5	151.5	259.2	498.4	1571.0	M	Other vascular	Rest of 390-459/ rest of I00-I99
2.6	4.5	7.0	12.5	21.1	35.4	63.0	137.0	330.2	1594.2	F	disease	
0.6	1.5	3.2	8.0	17.5	33.6	64.8	119.5	230.4	571.8	M	Chronic obstructive	490-496/ J40-J47, J67
0.4	1.0	1.9	4.6	9.6	18.6	32.1	52.4	94.9	244.4	F	pulmonary disease	
3.8	4.9	7.8	13.0	20.9	31.4	53.9	100.6	205.6	724.8	M	Other respiratory	Rest of 460-519/ rest of J00-J98
1.7	2.3	3.3	5.7	8.8	13.2	22.9	47.1	105.6	524.5	F	disease	
0.4	0.6	1.2	2.4	3.2	4.5	5.6	8.5	14.0	32.5	M	Peptic ulcer	531-533/K25-K27
0.1	0.2	0.4	0.7	1.2	1.9	2.8	4.6	9.1	29.5	F		
7.2	14.9	26.0	41.1	54.7	57.3	58.1	57.7	55.7	46.1	M	Liver cirrhosis	571/K70, K74
2.5	5.2	9.2	14.9	19.6	21.4	22.9	25.5	27.4	26.2	F		
0.6	0.7	1.3	2.9	5.3	8.9	15.0	30.9	63.1	214.4	M	Renal disease	580-590/N00-N19
0.5	0.5	0.9	1.6	2.9	5.0	9.6	19.9	42.1	158.7	F		
0.4	0.1	0.0	-	-	-	-	-	0.0	-	F	Pregnancy, birth	630-676/A34, O00-O99
0.9	1.0	1.2	1.6	2.2	2.2	1.6	1.5	1.6	2.6	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.7	0.8	1.2	1.3	1.9	1.9	1.4	1.2	1.5	2.0	F	perinatal causes	
10.8	15.6	22.1	32.1	41.5	47.5	52.6	69.3	106.3	368.6	M	Ill-defined causes	780-799/R00-R99
3.6	5.0	6.8	9.6	12.7	17.0	22.1	33.8	66.3	438.9	F		
14.2	21.4	32.6	46.7	66.1	89.3	132.6	229.5	455.8	1398.2	M	Other medical causes	Rest of 001-799/ rest of A00-R99
6.8	10.5	16.2	24.4	36.0	54.2	87.6	157.5	349.5	1489.2	F		
51.5	57.8	65.0	75.1	78.4	72.0	75.9	92.9	134.0	333.5	M	ALL NON-	E800-E999/V01-Y89
11.6	14.0	17.5	20.8	22.1	22.9	27.7	38.8	69.0	256.4	F	MEDICAL CAUSES	
10.0	9.3	9.6	10.3	9.5	8.3	9.5	10.7	14.1	18.9	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
1.8	2.0	2.4	2.5	2.7	2.8	3.4	4.8	6.4	6.4	F	accidents	
0.6	0.8	1.0	1.6	1.7	1.6	1.8	1.5	2.3	3.8	M	Fire	E890-E899/X00-X09
0.2	0.3	0.4	0.4	0.5	0.6	0.7	1.1	1.7	2.9	F		
19.4	23.2	26.1	28.5	28.7	23.7	22.4	25.4	30.3	46.9	M	Suicide	E950-E959/X60-X84
4.6	5.9	7.2	8.3	7.8	7.2	7.7	7.6	7.8	9.1	F		
18052	19082	18707	17472	15806	14463	11381	10051	7551	8129	M	POPULATION	
17808	18913	18719	17809	16529	15518	12758	12298	10375	15645	F	(1000s; UN, 2015 revision)	

<b>EU28 (European Union - 28 countries): 2010</b>
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**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	– / 65	– / 32	–
35–69	259 / 786	74 / 405	23 years
70+	330 / 1596	175 / 2022	8 years
<b>All ages</b>	<b>589 / 2447</b>	<b>249 / 2458</b>	<b>14 years</b>

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

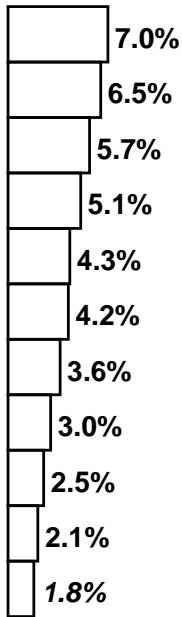
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.2	79/87	87/99	166/186	–/0.1	26/35	28/42	54/77
All Cancer	–/5.7	119/283 (42%)	130/424 (31%)	249/713	–/5.0	32/195 (16%)	38/356 (11%)	70/556
Vascular	–/4.2	88/221	107/650	195/875	–/2.1	23/87	74/961	97/1050
Respiratory	–/2.1	20/37	66/160	87/199	–/1.5	8.8/19	40/153	49/174
All Other	–/53	32/245	27/362	59/660	–/23	10/104	22/551	33/678
All Causes	–/65	259/786 (33%)	330/1596 (21%)	589/2447	–/32	74/405 (18%)	175/2022 (9%)	249/2458

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

Cause	Male	Female	Male + Female
All Cancer	249 / 713 (35%)	70 / 556 (13%)	319 / 1270 (25%)
All Causes	589 / 2447 (24%)	249 / 2458 (10%)	838 / 4905 (17%)

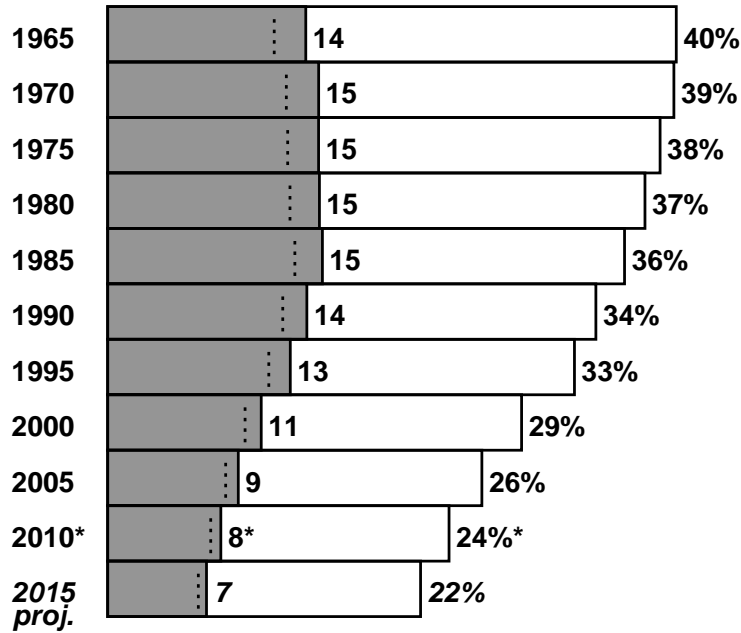
1965-2015: EU28 (European Union - 28 countries)

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)

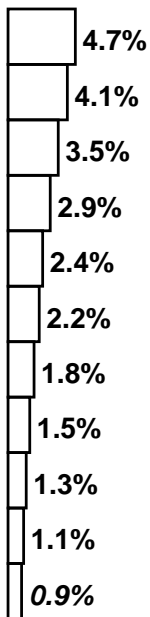
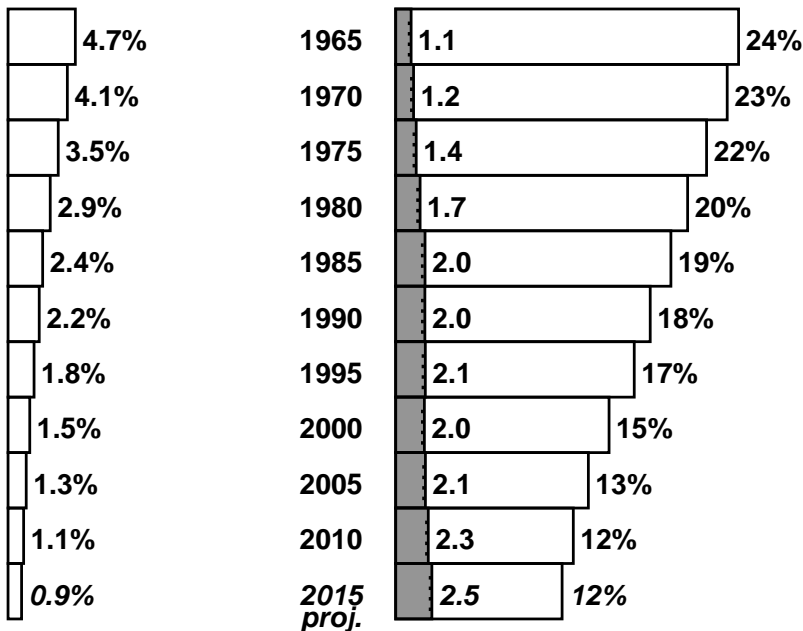
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 24 would die before age 70 (with 8 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



<b>EU28 (European Union - 28 countries): 1960-2015</b>
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*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	– / 54	– / 26	–
35–69	240 / 763	88 / 406	<b>23 years</b>
70+	318 / 1631	187 / 2018	7 years
<b>All ages</b>	<b>557 / 2448</b>	<b>275 / 2451</b>	<b>14 years</b>

**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	–/252	341/974 <b>(35%)</b>	157/1040 <b>(15%)</b>	498/2267	–/165	29/637 <b>(4%)</b>	21/1316 <b>(2%)</b>	50/2117
1975	–/202	381/1009 <b>(38%)</b>	299/1280 <b>(23%)</b>	680/2491	–/118	40/608 <b>(7%)</b>	45/1621 <b>(3%)</b>	84/2346
1985	–/152	389/936 <b>(42%)</b>	351/1464 <b>(24%)</b>	740/2551	–/79	53/514 <b>(10%)</b>	83/1871 <b>(4%)</b>	137/2464
1995	–/126	381/981 <b>(39%)</b>	347/1431 <b>(24%)</b>	728/2538	–/57	61/498 <b>(12%)</b>	136/1921 <b>(7%)</b>	197/2476
2005	–/79	288/830 <b>(35%)</b>	337/1525 <b>(22%)</b>	626/2434	–/37	65/423 <b>(15%)</b>	162/1977 <b>(8%)</b>	228/2437
2015 <i>proj.</i>	–/54	240/763 <b>(31%)</b>	318/1631 <b>(19%)</b>	557/2448	–/26	88/406 <b>(22%)</b>	187/2018 <b>(9%)</b>	275/2451

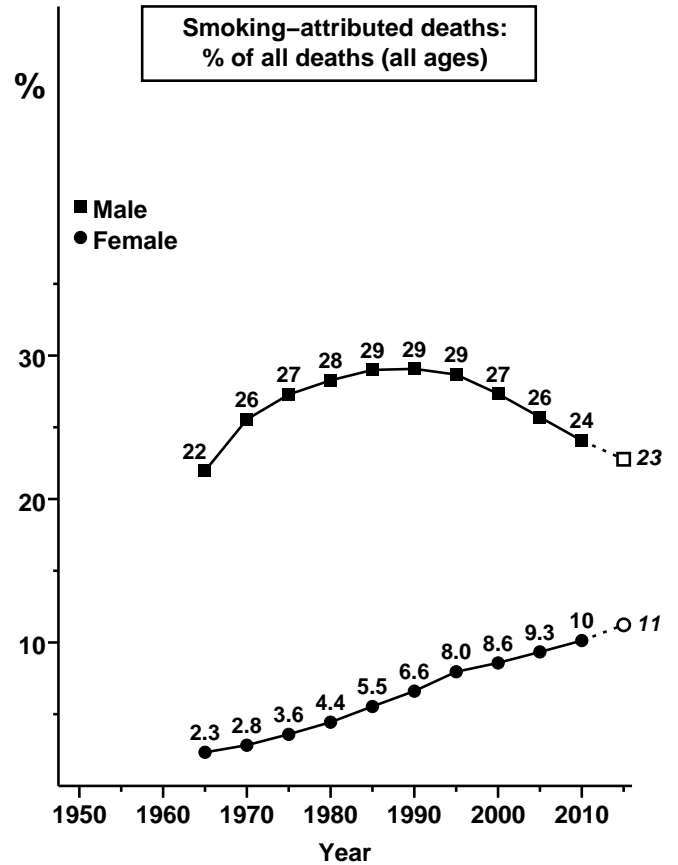
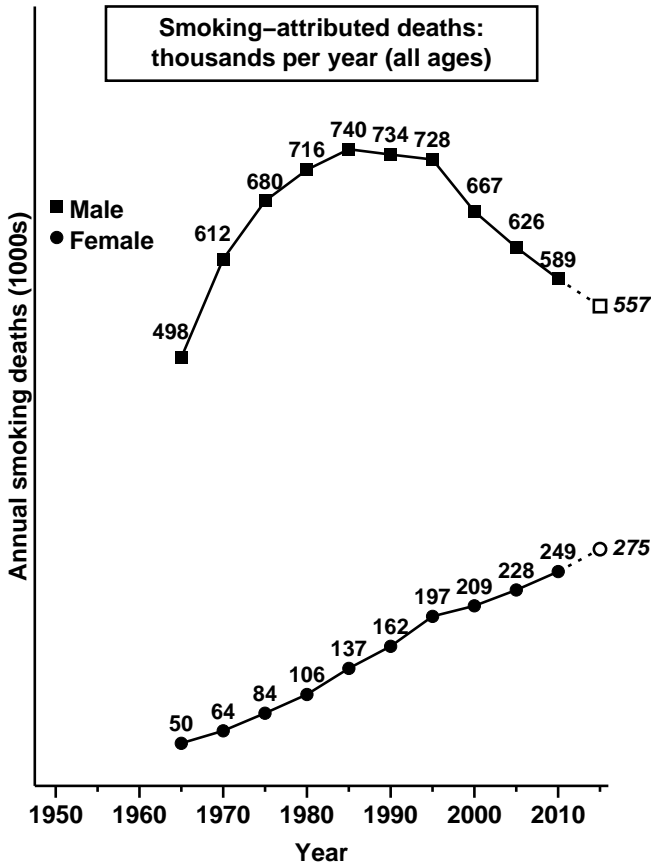
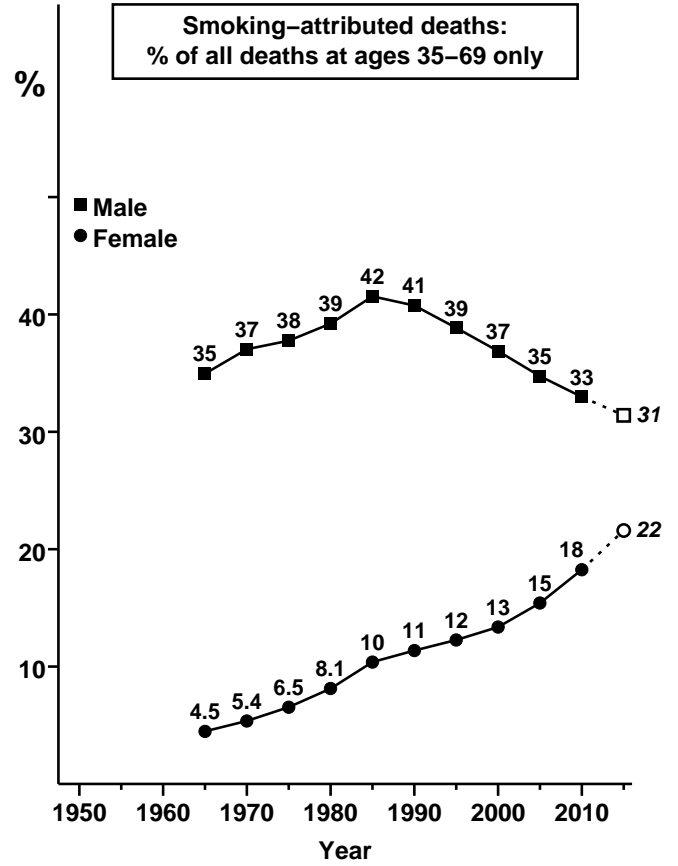
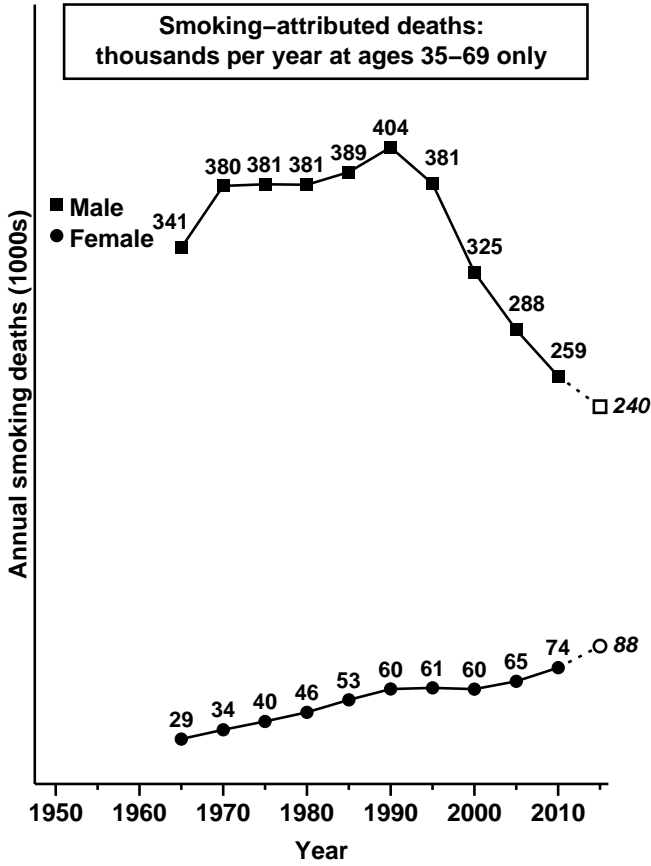
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 48 / 290M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

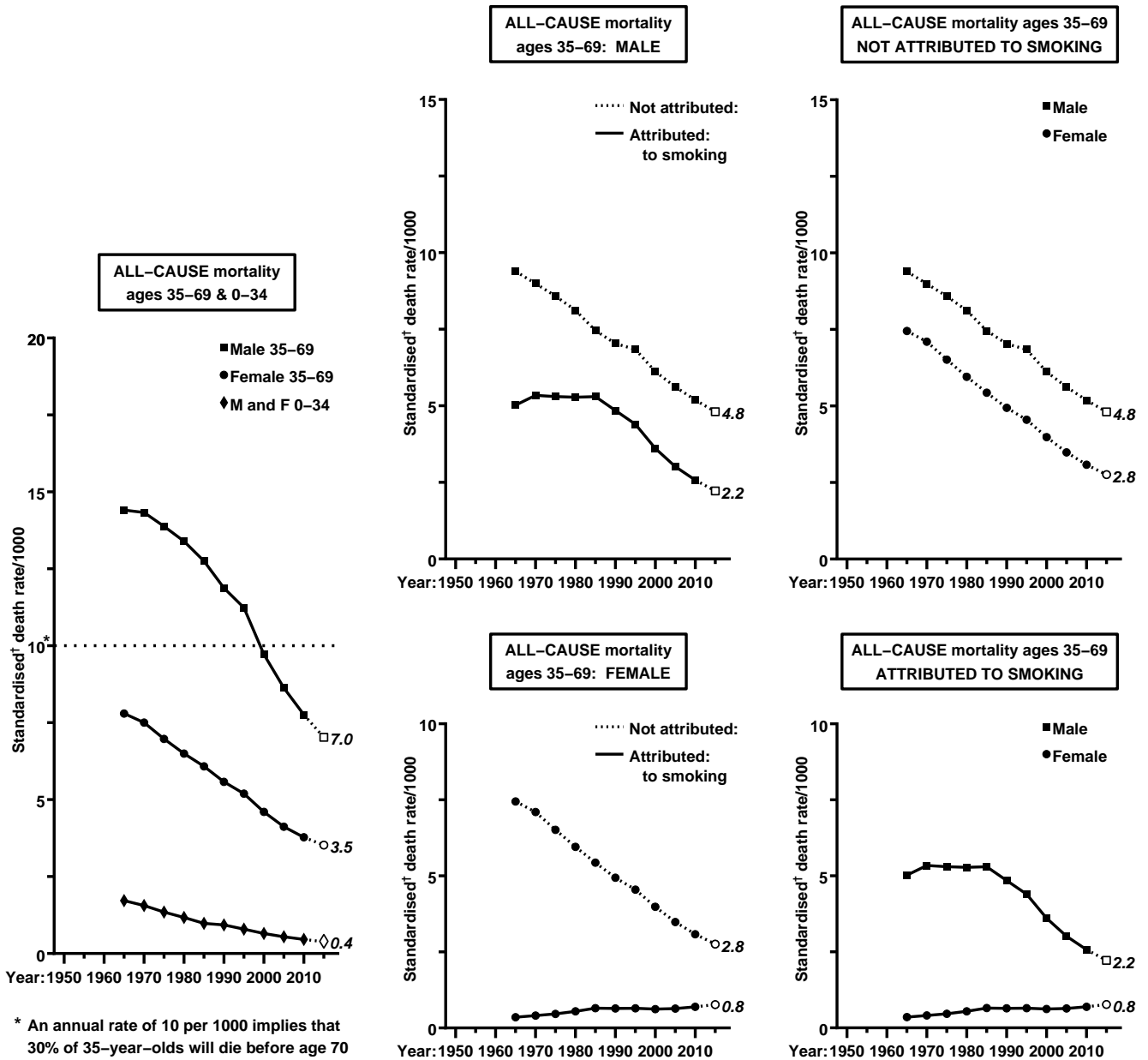
–/8.7M	20/55M	18/84M	38/147M	–/4.8M	3.4/31M	6.3/107M	9.7/143M
	<b>(37%)</b>	<b>(22%)</b>			<b>(11%)</b>	<b>(6%)</b>	

1965-2015: EU28 (European Union - 28 countries)



**EU28 (European Union - 28 countries): 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

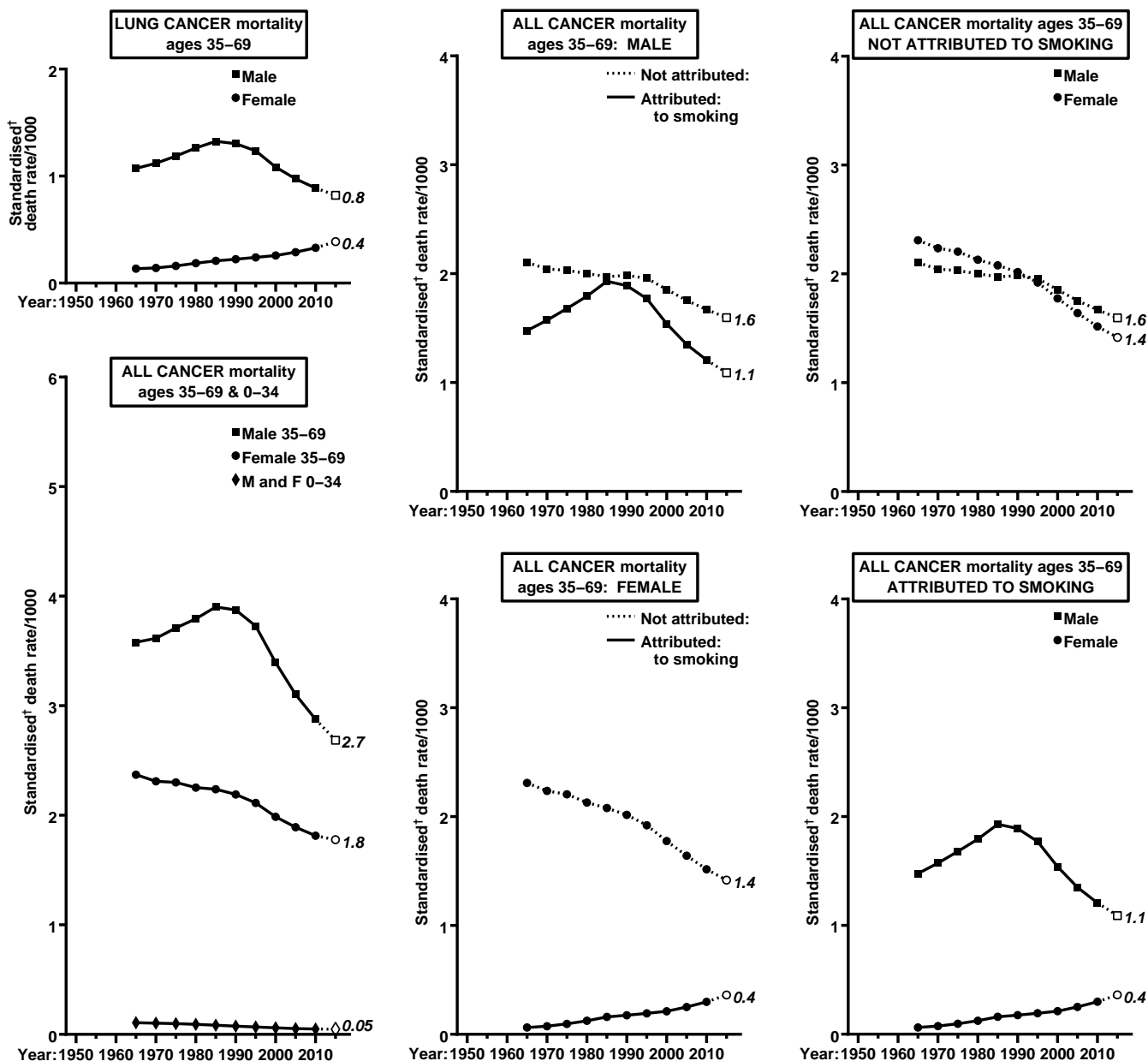


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.06	5.02	9.39	13.2	63.9	-	1.37	0.35	7.45	1.02	52.5	-	1.21	0.40	7.10
1970	-	1.91	5.34	8.99	17.7	60.5	-	1.02	0.46	6.51	1.55	46.8	-	0.85	0.54	5.95
1975	-	1.67	5.30	8.58	19.5	58.0	-	0.70	0.65	5.43	2.20	38.2	-	0.63	0.64	4.94
1980	-	1.48	5.28	8.11	19.2	54.2	-	0.52	0.65	4.55	3.02	30.2	-	0.44	0.62	3.98
1985	-	1.26	5.30	7.45	18.1	51.0	-	0.36	0.64	3.48	2.63	23.4	-	0.31	0.69	3.08
1990	-	1.23	4.84	7.03	17.1	45.2	-	0.27	0.64	3.48	2.49	20.2	-	0.31	0.69	3.08
1995	-	1.06	4.39	6.84	16.0	41.8	-	0.27	0.65	3.48	2.49	20.2	-	0.27	0.77	2.75
2000	-	0.86	3.60	6.11	13.3	37.6	-	0.27	0.62	3.98	2.80	26.6	-	0.27	0.62	3.98
2005	-	0.72	3.01	5.62	11.4	33.9	-	0.27	0.64	3.48	2.63	23.4	-	0.27	0.64	3.48
2010	-	0.60	2.57	5.19	9.38	29.7	-	0.27	0.69	3.08	2.49	20.2	-	0.27	0.69	3.08
2015	-	0.52	2.22	4.80	7.87	26.4	-	0.27	0.77	2.75	2.47	17.5	-	0.27	0.77	2.75

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

1965-2015: EU28 (European Union - 28 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



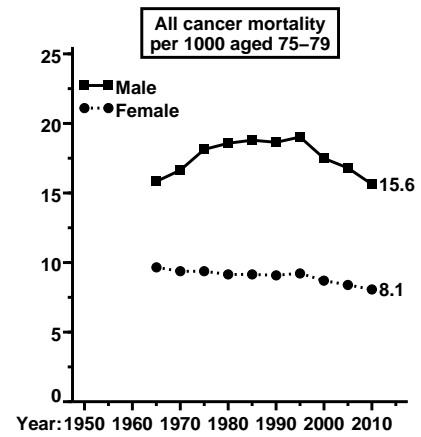
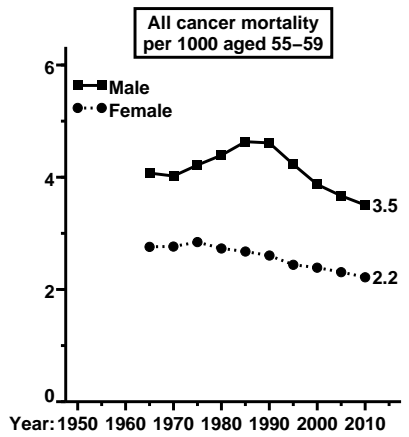
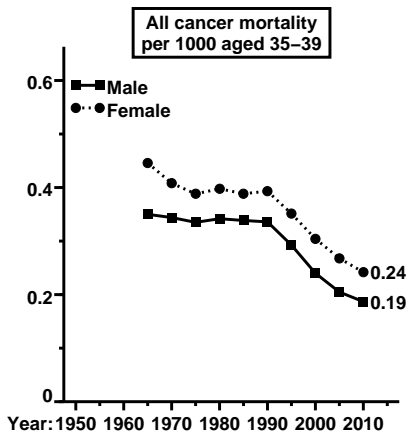
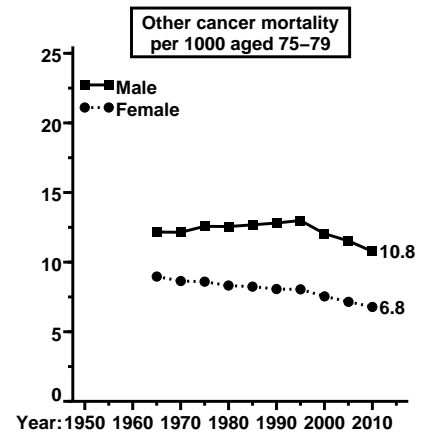
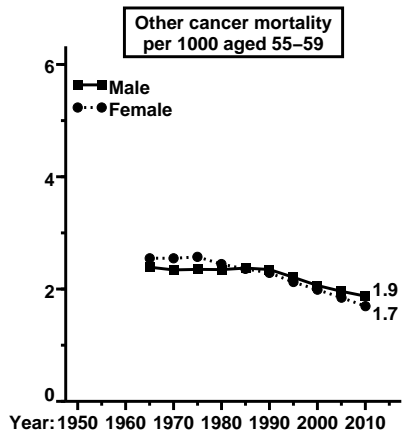
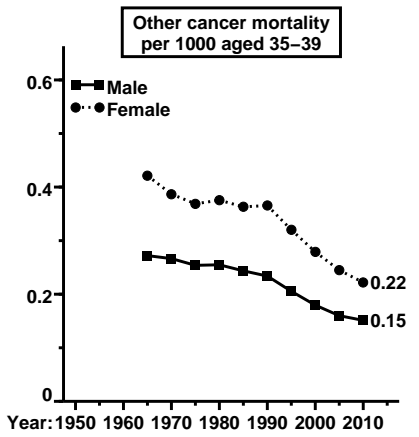
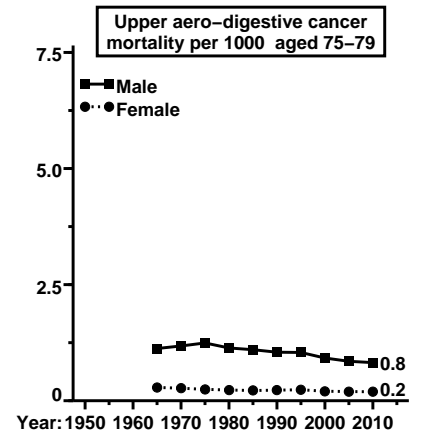
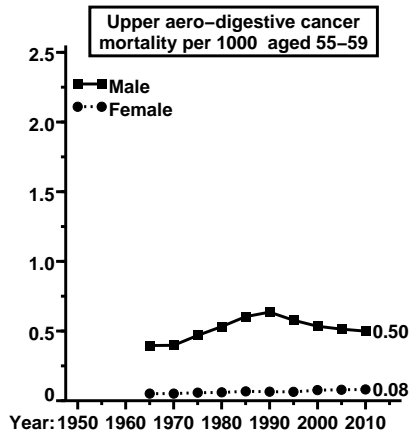
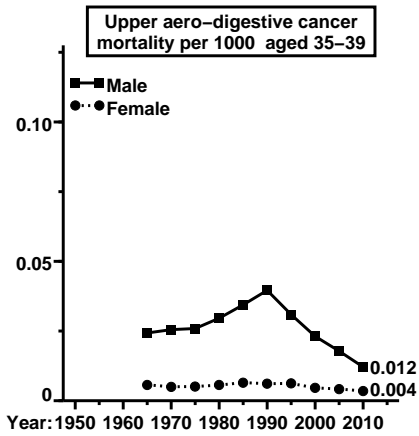
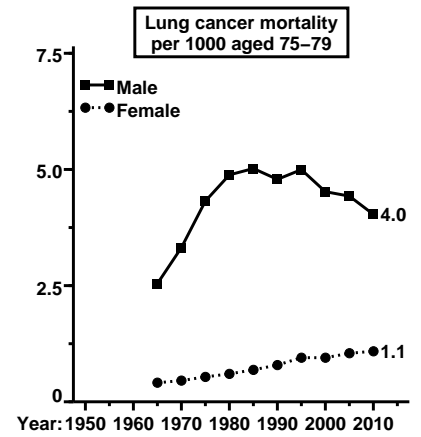
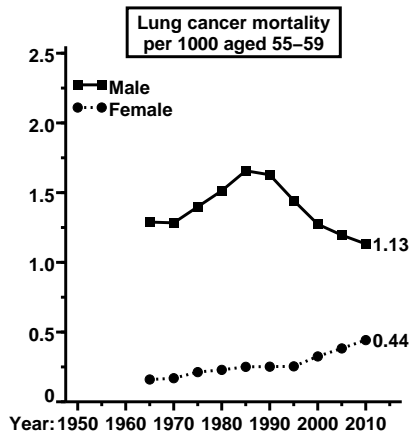
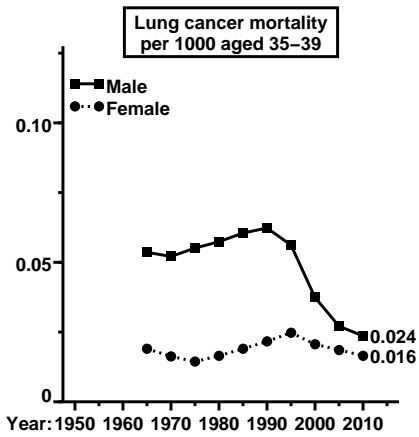
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11	1.48	2.10	3.59	10.8	-	0.10	0.07	2.24	0.14	8.40	-	0.09	0.10	2.20	0.25	7.89
1970	-	0.11	1.57	2.04	4.77	10.3	-	0.09	0.12	2.13	0.33	7.64	-	0.08	0.16	2.08	0.45	7.56
1975	-	0.11	1.68	2.03	5.68	10.4	-	0.09	0.17	2.02	0.62	7.42	-	0.07	0.17	2.02	0.62	7.42
1980	-	0.10	1.79	2.00	6.05	10.3	-	0.09	0.19	1.92	0.74	7.21	-	0.06	0.19	1.92	0.74	7.21
1985	-	0.09	1.93	1.97	6.10	10.3	-	0.08	0.21	1.77	0.76	6.81	-	0.06	0.21	1.77	0.76	6.81
1990	-	0.08	1.89	1.98	6.29	10.3	-	0.07	0.25	1.64	0.81	6.44	-	0.06	0.25	1.64	0.81	6.44
1995	-	0.07	1.77	1.96	6.20	10.2	-	0.06	0.30	1.52	0.86	6.09	-	0.06	0.30	1.52	0.86	6.09
2000	-	0.06	1.54	1.85	5.55	9.76	-	0.06	0.36	1.42	0.97	5.82	-	0.06	0.36	1.42	0.97	5.82
2005	-	0.05	1.35	1.75	5.11	9.38	-	0.05					-	0.05				
2010	-	0.05	1.21	1.67	4.54	8.87	-	0.05					-	0.05				
2015	-	0.05	1.09	1.60	4.07	8.43	-	0.04					-	0.04				

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

**EU28 (European Union - 28 countries): 1965-2010**

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

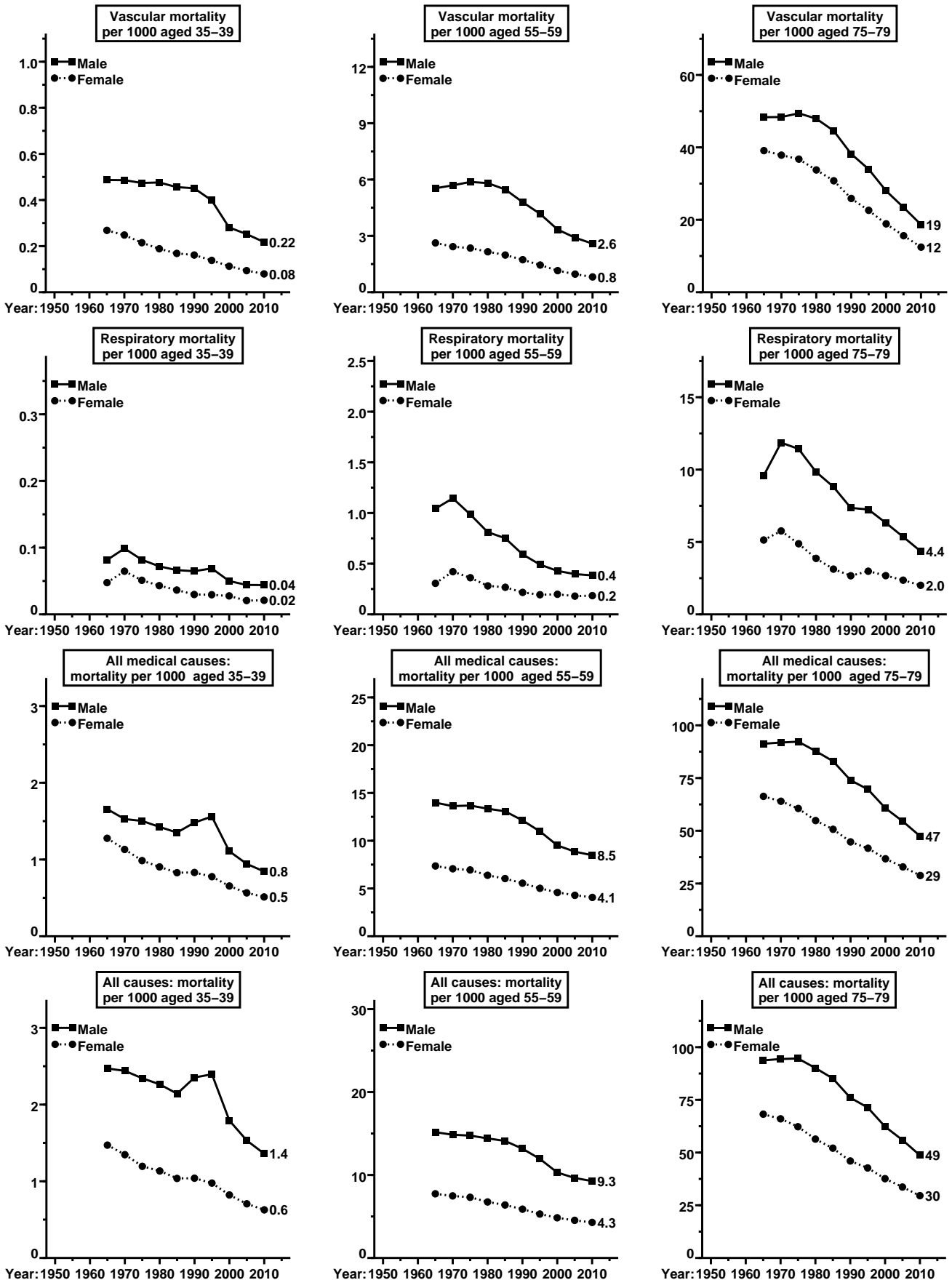


\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010



1965-2010: EU28 (European Union - 28 countries)

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



\* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 and 2010





## AUSTRALIA: 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	– / 3.2	– / 1.7	–
35–69	4.0 / 20	2.1 / 12	23 years
70+	8.9 / 50	7.8 / 56	7 years
All ages	13 / 74	9.9 / 70	12 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	1.5/1.9	2.6/3.0	4.1/4.9	–/0.0	0.9/1.2	1.4/1.8	2.3/3.1
All Cancer	–/0.2	2.2/8.3 (26%)	3.9/15 (26%)	6.1/24	–/0.2	1.0/6.5 (16%)	1.9/11 (17%)	2.9/18
Vascular	–/0.2	1.0/4.8	2.3/17	3.3/22	–/0.1	0.5/1.9	2.9/22	3.4/24
Respiratory	–/0.1	0.4/1.0	2.0/5.1	2.4/6.1	–/0.0	0.3/0.7	1.9/4.8	2.3/5.6
All Other	–/2.8	0.4/6.3	0.8/13	1.1/22	–/1.3	0.3/3.2	1.1/18	1.4/22
All Causes	–/3.2	4.0/20 (20%)	8.9/50 (18%)	13/74	–/1.7	2.1/12 (17%)	7.8/56 (14%)	9.9/70

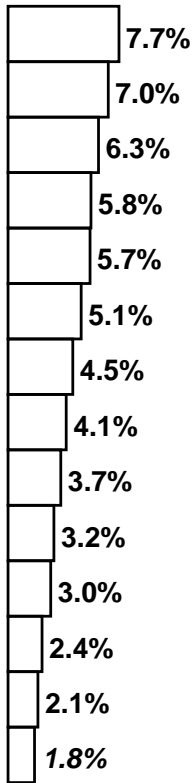
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	6.1 / 24 (26%)	2.9 / 18 (16%)	9.0 / 42 (22%)
All Causes	13 / 74 (18%)	9.9 / 70 (14%)	23 / 144 (16%)

1950-2015<sup>‡</sup>: AUSTRALIA

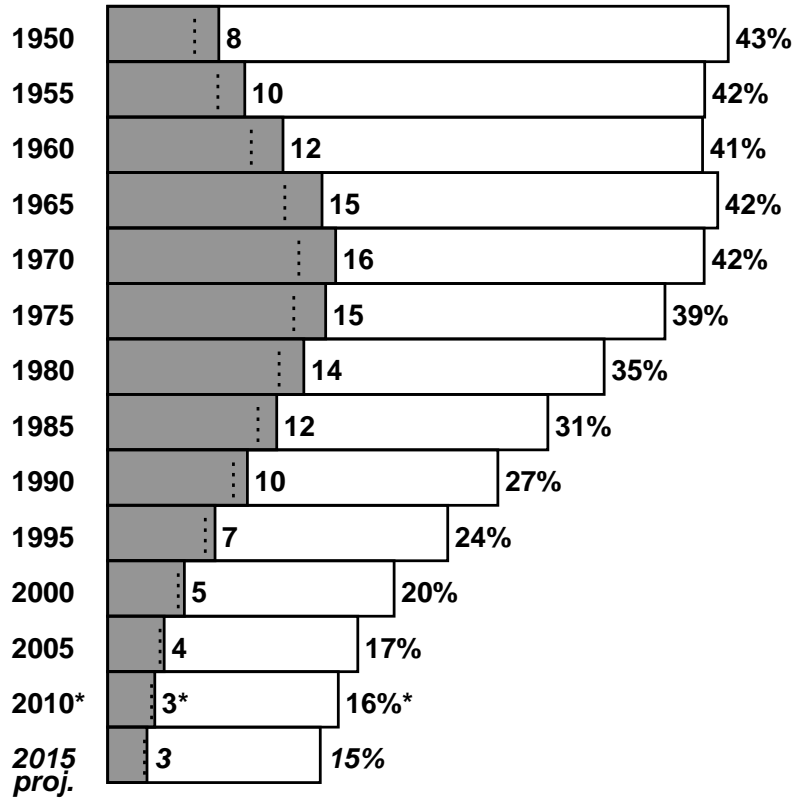
<sup>‡</sup>2005 mortality involves average of 2004 & 2006 rates applied to 2005 population

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)

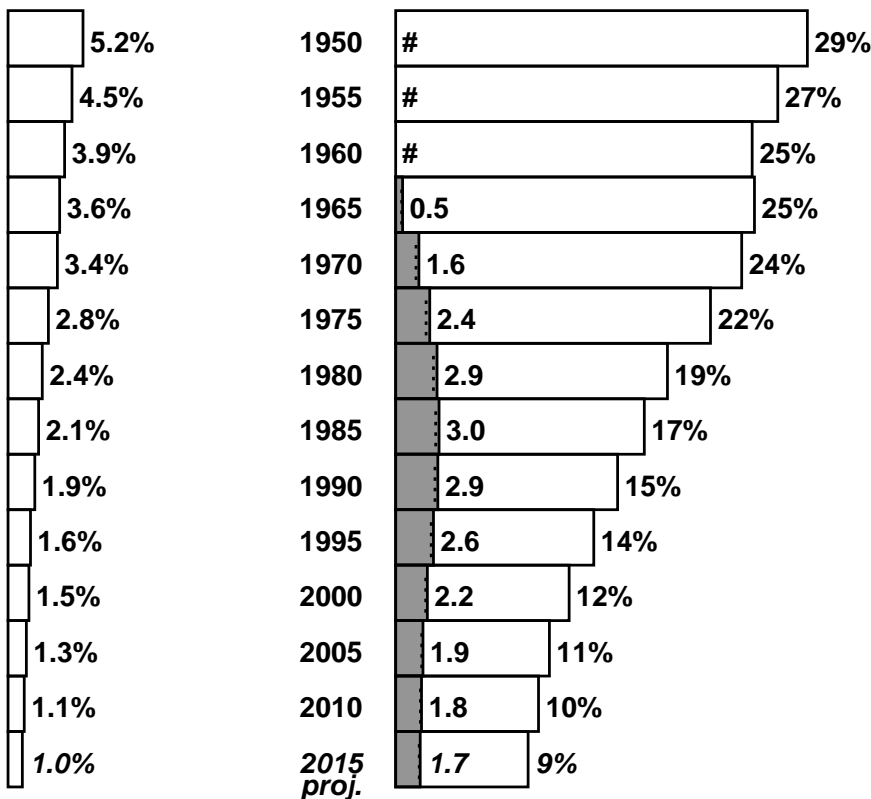
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 16 would die before age 70 (with 3 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



# Real risk too low to estimate reliably

**AUSTRALIA: 1950-2015<sup>‡</sup>**<sup>‡</sup>2005 mortality involves average of 2004 & 2006 rates applied to 2005 population**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	– / 3.1	– / 1.6	–
35–69	3.9 / 22	2.4 / 13	<b>23 years</b>
70+	9.2 / 55	8.5 / 61	7 years
<b>All ages</b>	<b>13 / 80</b>	<b>11 / 76</b>	<b>11 years</b>

**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	–/6.1	4.9/21 (24%)	1.6/20 (8%)	6.4/47	–/3.8	0.0/13	0.0/20	0.0/36
1965	–/6.0	8.7/25 (35%)	4.3/25 (17%)	13/56	–/3.6	0.3/14 (2%)	0.0/27	0.3/44
1975	–/6.4	11/28 (39%)	7.4/28 (27%)	18/62	–/3.4	1.6/15 (11%)	0.8/31 (2%)	2.4/50
1985	–/5.4	9.2/24 (38%)	9.0/33 (27%)	18/62	–/2.7	2.3/13 (17%)	2.9/36 (8%)	5.2/52
1995	–/4.5	6.6/22 (30%)	9.9/41 (24%)	16/67	–/2.1	2.2/12 (18%)	5.9/45 (13%)	8.1/59
2005	–/3.4	4.2/20 (21%)	8.8/46 (19%)	13/69	–/1.7	1.9/12 (17%)	7.2/51 (14%)	9.2/65
2015 proj.	–/3.1	3.9/22 (18%)	9.2/55 (17%)	13/80	–/1.6	2.4/13 (18%)	8.5/61 (14%)	11/76

**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 1280 / 7415**

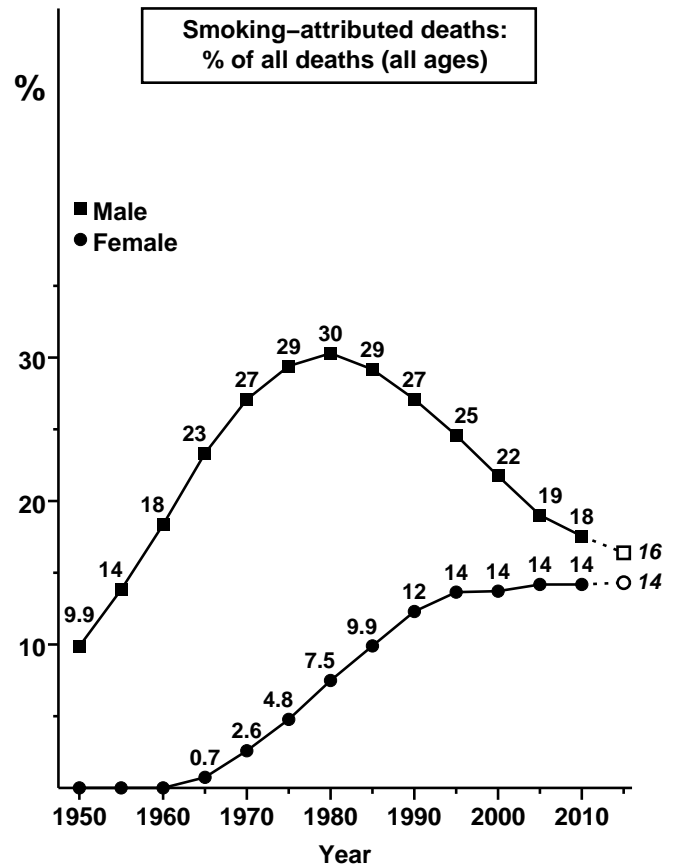
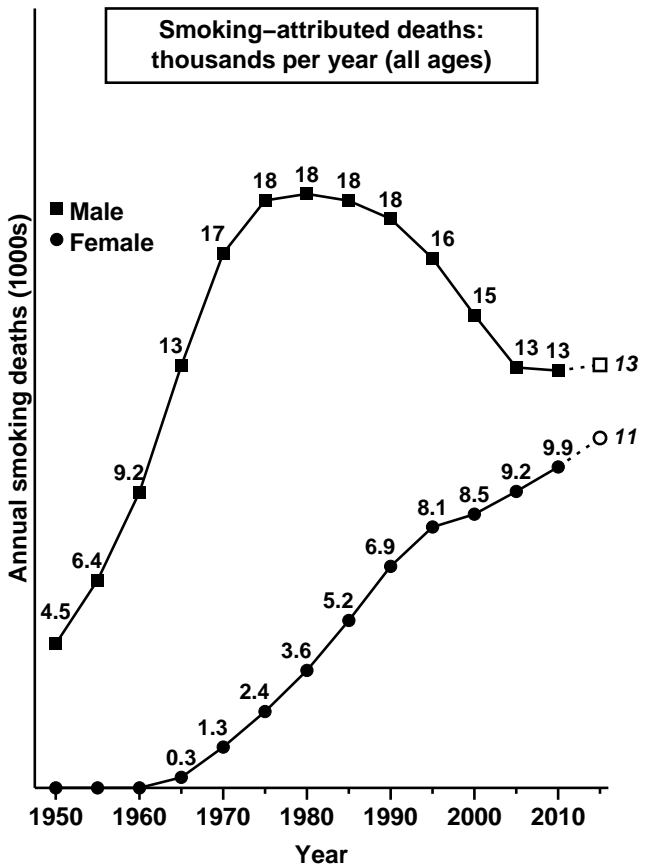
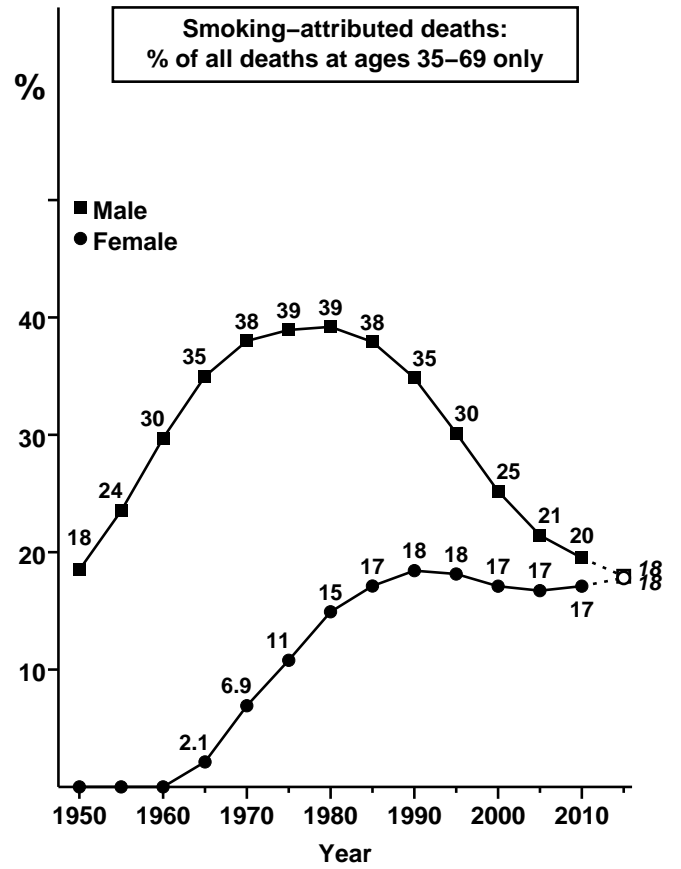
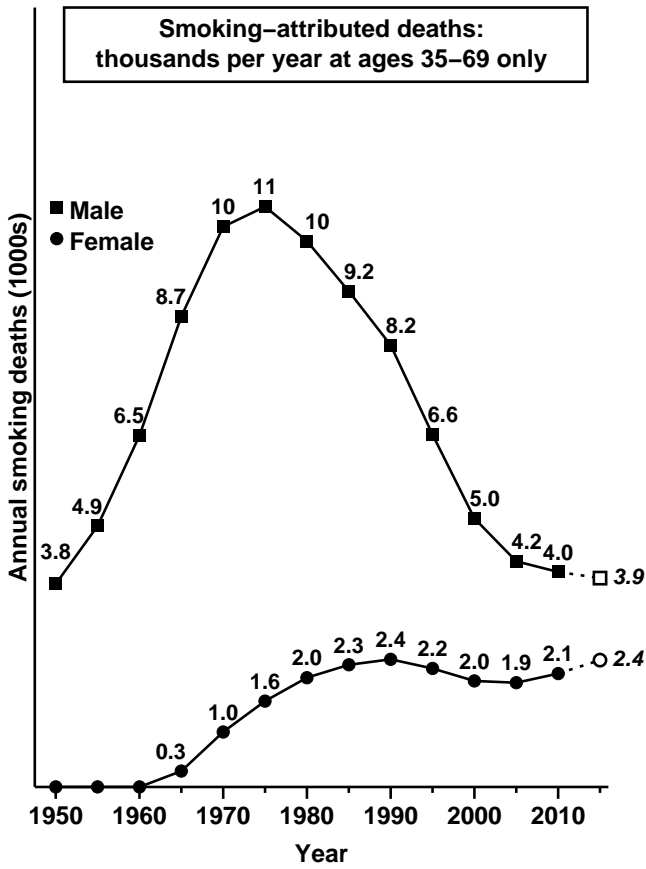
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/288	434/1400 (31%)	486/2269 (21%)	920/3956	–/151	107/789 (14%)	253/2520 (10%)	360/3459
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1950-2015<sup>†</sup>: AUSTRALIA

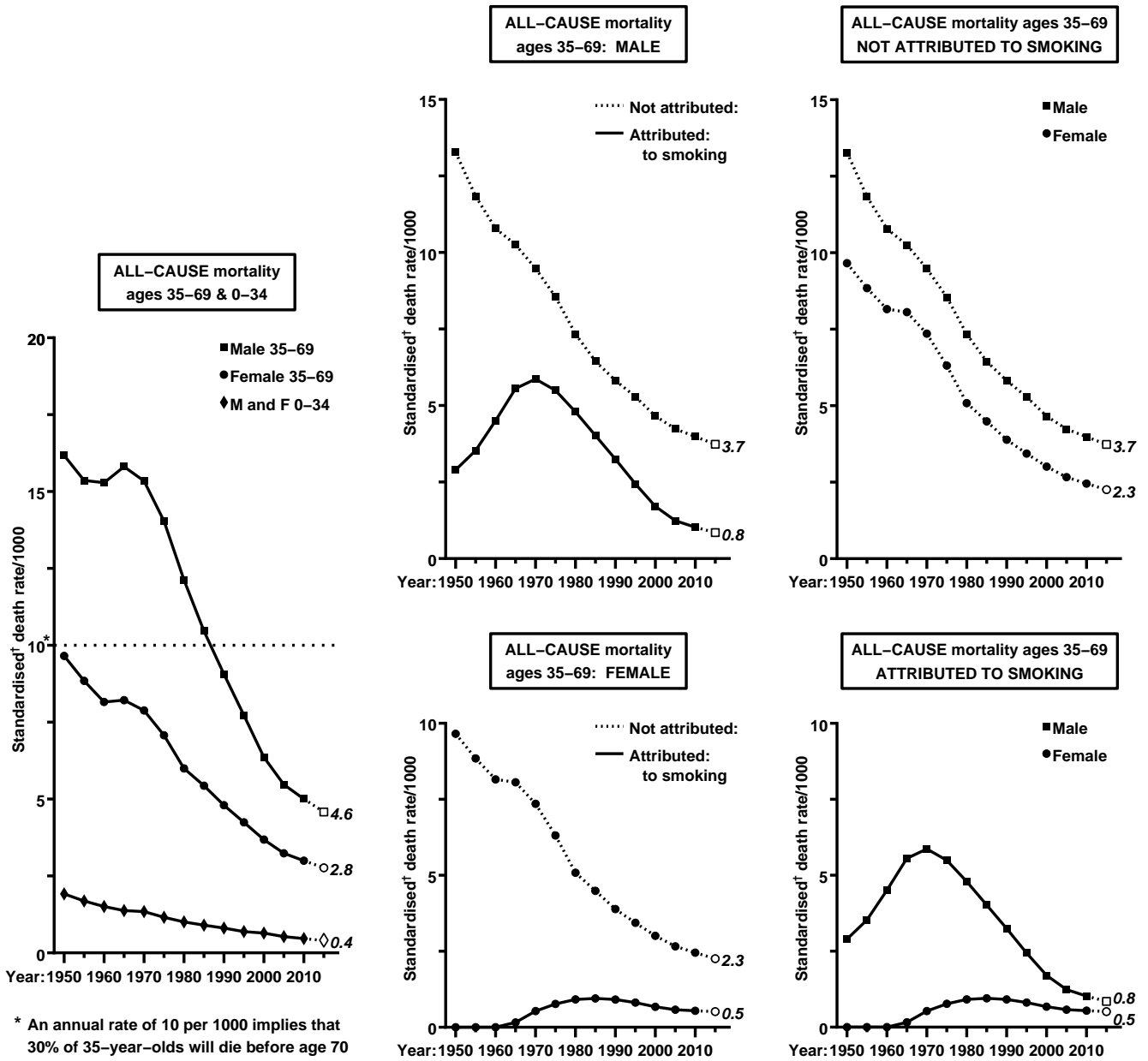
<sup>†</sup>2005 mortality involves average of 2004 & 2006 rates applied to 2005 population



**AUSTRALIA: 1950-2015<sup>†</sup>**

<sup>‡</sup>2005 mortality involves average of 2004 & 2006 rates applied to 2005 population

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



<sup>†</sup> 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)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.30	2.90	13.3	3.52	78.7	-	1.53	0.00	9.66	0.00	57.9				
1955	-	2.07	3.53	11.8	7.12	73.6	-	1.30	0.00	8.84	0.00	54.5				
1960	-	1.86	4.51	10.8	10.3	68.2	-	1.15	0.00	8.15	0.00	50.4				
1965	-	1.70	5.55	10.3	15.6	67.0	-	1.05	0.16	8.06	0.10	50.4				
1970	-	1.68	5.86	9.48	20.6	62.2	-	1.00	0.53	7.35	0.62	48.3				
1975	-	1.49	5.49	8.55	21.6	53.4	-	0.81	0.77	6.31	1.39	41.2				
1980	-	1.32	4.79	7.33	20.3	46.8	-	0.69	0.91	5.08	2.41	33.6				
1985	-	1.18	4.02	6.44	17.9	42.8	-	0.61	0.95	4.49	3.49	30.1				
1990	-	1.07	3.24	5.82	15.6	39.6	-	0.54	0.91	3.89	4.44	26.6				
1995	-	0.93	2.44	5.28	13.1	35.2	-	0.45	0.81	3.43	4.55	22.9				
2000	-	0.86	1.70	4.66	10.3	30.2	-	0.42	0.67	3.01	4.13	19.3				
2005	-	0.68	1.24	4.23	7.74	26.4	-	0.37	0.57	2.66	3.69	16.9				
2010	-	0.60	1.02	3.98	6.42	24.0	-	0.32	0.54	2.45	3.50	15.3				
2015	-	0.53	0.85	3.73	5.28	21.7	-	0.29	0.51	2.25	3.30	13.7				

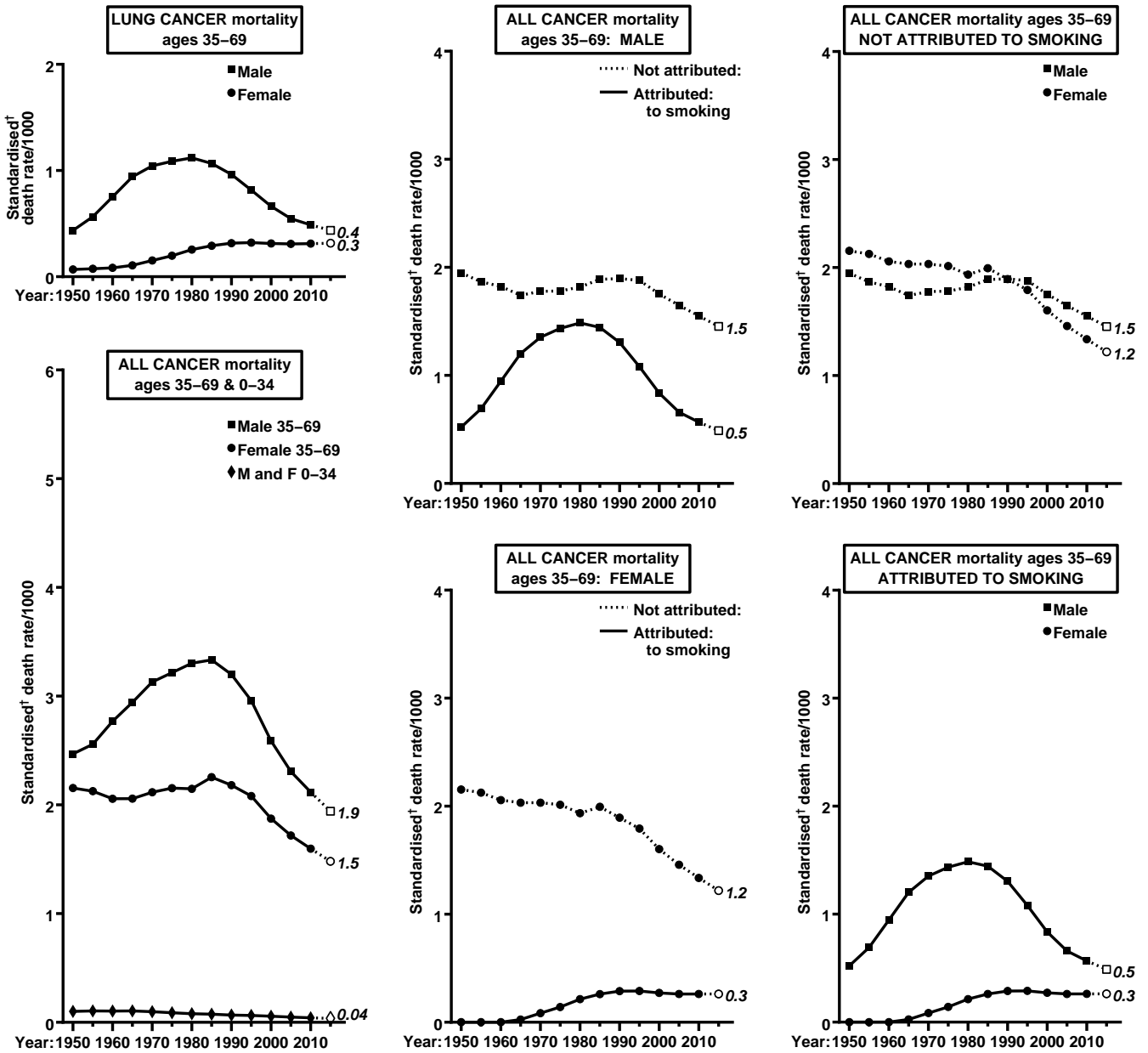
0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)



1950-2015†: AUSTRALIA

†2005 mortality involves average of 2004 & 2006 rates applied to 2005 population

ALL CANCER mortality rates attributed and not attributed to smoking



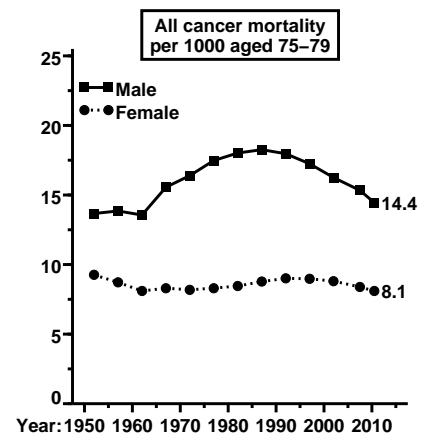
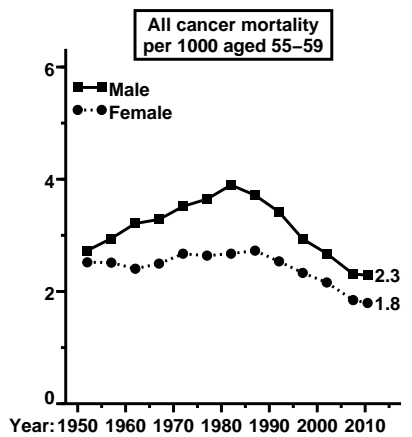
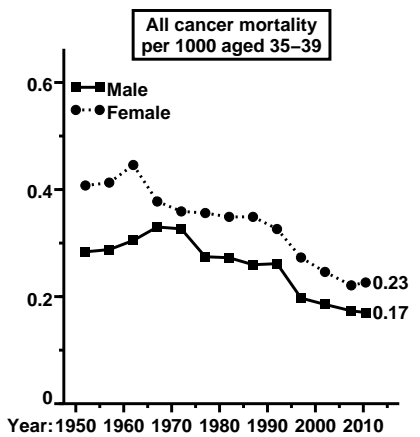
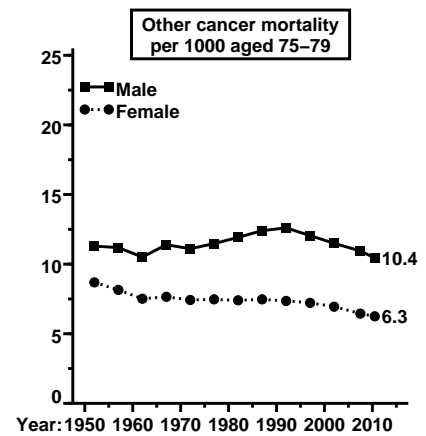
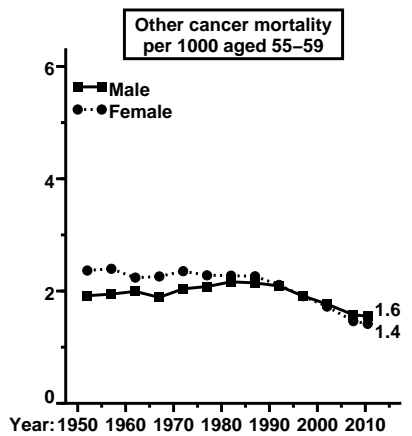
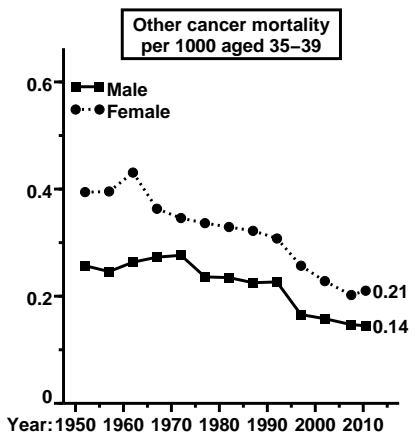
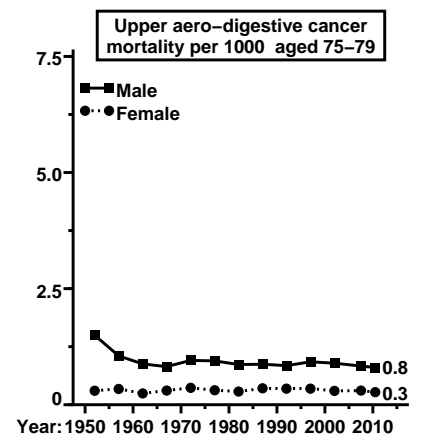
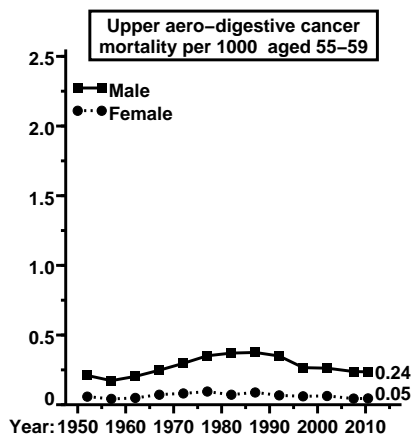
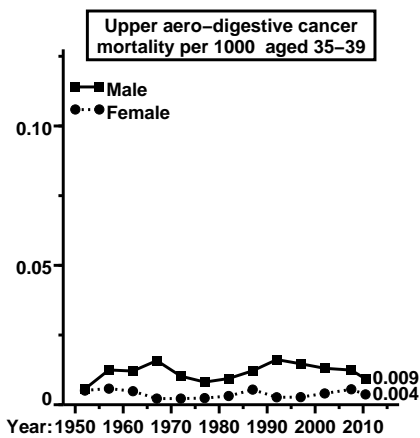
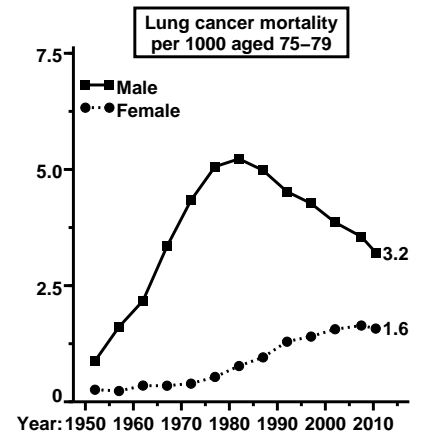
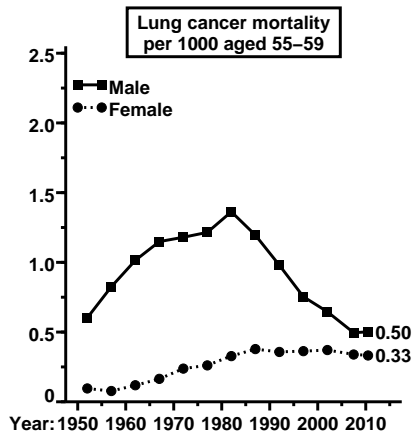
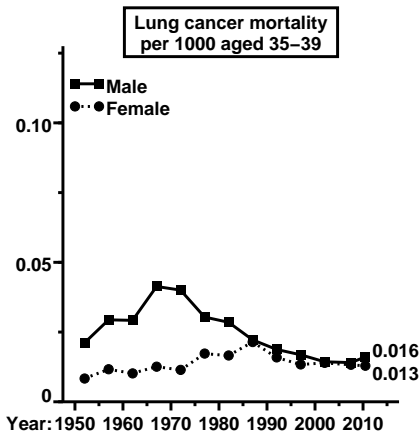
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
			Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950	-	0.11	0.52	1.95	0.78	10.9	-	0.09	0.00	2.15	0.00	7.88				
1955	-	0.11	0.69	1.87	1.62	10.4	-	0.10	0.00	2.13	0.00	7.86				
1960	-	0.11	0.95	1.82	2.36	9.59	-	0.10	0.00	2.06	0.00	7.15				
1965	-	0.11	1.20	1.74	3.55	9.39	-	0.10	0.02	2.03	0.01	7.18				
1970	-	0.10	1.35	1.78	4.88	9.32	-	0.09	0.08	2.03	0.08	7.16				
1975	-	0.10	1.43	1.78	5.80	9.15	-	0.08	0.14	2.01	0.23	7.02				
1980	-	0.09	1.48	1.82	6.16	9.34	-	0.07	0.21	1.93	0.48	6.74				
1985	-	0.08	1.44	1.89	5.94	9.68	-	0.07	0.26	1.99	0.77	6.96				
1990	-	0.07	1.30	1.90	5.58	10.1	-	0.06	0.29	1.89	1.09	6.86				
1995	-	0.07	1.08	1.88	5.27	10.0	-	0.06	0.29	1.79	1.28	6.71				
2000	-	0.06	0.84	1.75	4.73	9.69	-	0.05	0.27	1.60	1.36	6.37				
2005	-	0.05	0.66	1.65	3.93	9.10	-	0.05	0.26	1.46	1.37	5.95				
2010	-	0.04	0.57	1.55	3.49	8.87	-	0.04	0.26	1.34	1.41	5.72				
2015	-	0.04	0.49	1.45	3.06	8.59	-	0.03	0.26	1.22	1.44	5.47				

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

**AUSTRALIA: 1950-2011**

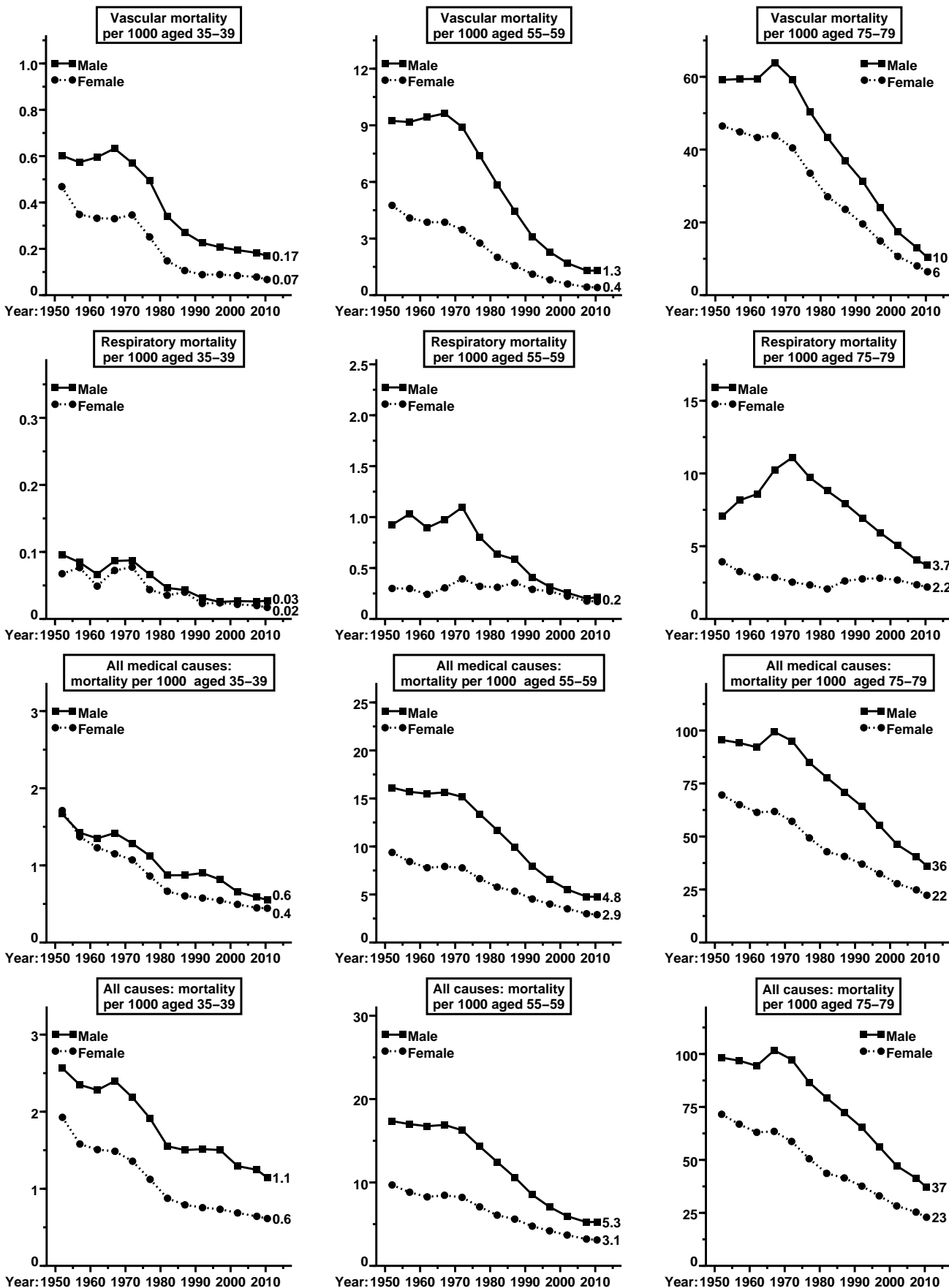
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 2-year average 2010–11

1950-2011: AUSTRALIA

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

<b>AUSTRIA: 2010</b>
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		<b>No. of deaths</b> (Source: WHO)			<b>Standardised rates</b> (defined overleaf)			<b>Annual death rates / 100,000</b> (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
<b>ALL CAUSES</b>	M	36692	1025	11863	676.7	59.1	692.2	103.9	6.2	9.8	53.2	91.3	69.3	80.4
	F	40507	462	6147	428.1	29.1	336.9	83.6	10.1	8.4	17.9	25.8	26.1	31.5
<b>Tuberculosis</b>	M	21	-	8	0.4	-	0.4	-	-	-	-	-	-	-
	F	17	2	5	0.3	0.1	0.3	0.5	-	-	-	-	0.4	-
<b>Other infective and parasitic</b>	M	279	17	145	5.6	1.0	7.8	3.0	-	0.4	0.8	0.4	0.4	2.3
	F	331	10	46	3.8	0.6	2.4	1.6	-	-	-	-	0.7	1.9
<b>ALL CANCER</b>	M	10462	69	4269	196.0	3.8	255.3	-	1.4	2.2	2.7	4.9	6.1	9.1
	F	9295	61	3142	125.3	3.5	172.6	2.1	4.0	0.5	2.0	3.1	5.4	7.6
<b>Mouth and pharynx cancer</b>	M	355	2	255	7.3	0.1	15.0	-	-	-	-	0.4	0.4	-
	F	126	1	73	2.0	0.1	4.0	-	-	-	-	-	0.4	-
<b>Oesophagus cancer</b>	M	258	1	153	5.1	0.1	9.1	-	-	-	-	-	-	0.4
	F	72	-	18	0.9	-	1.0	-	-	-	-	-	-	-
<b>Stomach cancer</b>	M	479	1	158	8.8	0.1	9.3	-	-	-	-	-	-	0.4
	F	378	1	92	4.6	0.1	4.9	-	-	-	-	-	0.4	-
<b>Colorectal cancer</b>	M	1117	6	398	20.6	0.3	24.3	-	-	0.4	-	0.8	-	1.1
	F	1029	3	254	12.3	0.2	14.2	-	-	-	-	-	-	1.1
<b>Liver cancer</b>	M	420	1	198	8.1	0.1	12.0	-	-	-	-	0.4	-	-
	F	147	1	48	2.0	0.1	2.7	0.5	-	-	-	-	-	-
<b>Pancreas cancer</b>	M	707	-	333	13.4	-	19.9	-	-	-	-	-	-	-
	F	781	-	238	10.1	-	13.2	-	-	-	-	-	-	-
<b>Larynx cancer</b>	M	95	-	67	1.9	-	3.9	-	-	-	-	-	-	-
	F	22	-	10	0.3	-	0.6	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	2386	3	1250	46.4	0.2	75.1	-	-	-	-	-	0.4	0.8
	F	1266	-	627	19.7	-	35.1	-	-	-	-	-	-	-
<b>Malignant melanoma</b>	M	200	2	93	3.8	0.1	5.2	-	-	-	-	-	0.4	0.4
	F	176	4	68	2.5	0.2	3.5	-	-	-	-	0.4	0.4	0.8
<b>Female breast cancer</b>	F	1502	5	609	21.2	0.3	32.8	-	-	-	-	-	0.4	1.5
<b>Cervix cancer</b>	F	161	7	80	2.6	0.4	4.2	-	-	-	-	-	1.1	1.5
<b>Other uterine cancer</b>	F	248	1	78	3.3	0.1	4.4	-	-	-	-	-	-	0.4
<b>Ovarian cancer</b>	F	464	1	180	6.5	0.1	9.9	-	-	-	-	-	0.4	-
<b>Prostate cancer</b>	M	1125	-	173	19.2	-	10.9	-	-	-	-	-	-	-
<b>Bladder cancer</b>	M	346	-	88	6.0	-	5.5	-	-	-	-	-	-	-
	F	144	-	31	1.6	-	1.7	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	2119	32	847	39.7	1.7	49.8	-	0.5	0.4	1.2	2.7	3.6	3.8
	F	1956	26	568	25.8	1.6	31.2	1.6	3.5	0.5	1.2	1.6	1.8	1.1
<b>Hodgkin's disease</b>	M	10	-	5	0.2	-	0.3	-	-	-	-	-	-	-
	F	18	1	6	0.2	0.1	0.3	-	-	-	-	-	0.4	-
<b>Myeloma and non-Hodgkin lymphomas</b>	M	438	5	144	8.0	0.3	8.7	-	0.5	0.4	-	-	0.4	0.8
	F	469	3	100	5.7	0.2	5.5	-	-	-	-	0.4	0.4	0.4
<b>Leukaemia</b>	M	407	16	107	7.5	0.9	6.3	-	0.5	0.9	1.6	0.8	1.1	1.5
	F	336	7	62	3.9	0.4	3.4	-	0.5	-	0.8	0.8	-	0.8
<b>Diabetes</b>	M	1312	3	338	23.4	0.2	20.5	-	-	-	-	0.8	0.4	-
	F	1699	2	118	15.8	0.1	6.7	-	-	-	-	0.4	0.4	-
<b>ALL VASCULAR DISEASE</b>	M	13719	56	2868	238.2	3.1	170.3	2.0	0.5	-	1.9	3.0	4.3	9.9
	F	19477	31	1087	170.1	1.7	60.5	1.1	0.5	-	0.8	2.7	3.3	3.8
<b>Rheumatic heart disease and fever</b>	M	57	-	13	1.0	-	0.8	-	-	-	-	-	-	-
	F	118	1	5	1.0	0.1	0.3	-	-	-	-	-	-	0.4
<b>Hypertensive disease</b>	M	1092	-	145	18.4	-	8.9	-	-	-	-	-	-	-
	F	2544	-	77	20.6	-	4.4	-	-	-	-	-	-	-
<b>Ischaemic heart disease</b>	M	7185	14	1741	126.5	0.8	103.4	0.5	-	-	-	-	0.7	4.2
	F	7756	4	467	68.6	0.2	26.3	-	-	-	-	-	0.7	0.8
<b>Pulmonary embolism and other venous</b>	M	205	8	63	3.8	0.4	3.6	-	-	-	-	0.8	1.4	0.8
	F	336	5	44	3.5	0.3	2.4	-	-	-	-	0.4	-	1.5
<b>Cerebrovascular disease</b>	M	1869	10	336	32.2	0.5	19.9	-	-	-	0.8	0.4	0.7	1.9
	F	3274	6	276	30.5	0.3	14.9	-	-	-	-	1.2	1.1	-
<b>Other vascular disease</b>	M	3311	24	570	56.5	1.4	33.8	1.5	0.5	-	1.2	1.9	1.4	3.0
	F	5449	15	218	45.9	0.9	12.1	1.1	0.5	-	0.8	1.2	1.4	1.1
<b>Chronic obstructive pulmonary disease</b>	M	1473	1	354	25.9	0.1	22.0	-	-	-	-	-	-	0.4
	F	1213	2	207	12.7	0.1	11.8	-	-	-	0.4	-	0.4	-
<b>Other respiratory disease</b>	M	698	6	102	11.9	0.3	6.0	0.5	-	0.4	0.4	-	0.4	0.8
	F	832	4	37	7.2	0.3	2.1	1.1	-	0.5	-	-	0.4	-
<b>Peptic ulcer</b>	M	79	-	25	1.4	-	1.5	-	-	-	-	-	-	-
	F	93	-	11	0.9	-	0.7	-	-	-	-	-	-	-
<b>Liver cirrhosis</b>	M	1082	8	799	22.4	0.4	44.7	-	-	-	-	-	0.4	2.6
	F	389	6	228	6.7	0.3	12.2	-	-	-	-	-	0.7	1.5
<b>Renal disease</b>	M	409	2	53	6.8	0.1	3.3	-	-	-	-	0.4	0.4	-
	F	617	1	27	5.2	0.1	1.4	-	-	-	-	-	-	0.4
<b>Pregnancy, birth</b>	F	1	1	-	0.0	0.1	-	-	-	-	-	-	-	0.4
<b>Congenital and perinatal causes</b>	M	244	183	52	8.3	12.7	2.8	80.4	0.5	1.3	1.2	3.8	0.4	1.5
	F	192	132	48	6.5	9.6	2.5	60.0	1.0	1.9	0.4	1.6	1.1	1.5
<b>Ill-defined causes</b>	M	951	45	447	18.5	2.6	26.5	5.5	-	-	1.2	3.4	3.6	4.5
	F	978	22	131	10.3	1.5	7.4	6.8	0.5	0.5	-	-	1.4	1.1
<b>Other medical causes</b>	M	3248	173	1148	61.5	9.7	65.1	8.0	1.9	2.2	6.2	16.7	16.5	15.9
	F	3888	71	676	43.0	4.3	36.9	4.7	3.5	1.9	4.9	7.8	4.3	2.6
<b>ALL NON-MEDICAL CAUSES</b>	M	2715	462	1255	56.1	25.2	65.8	4.5	1.9	3.1	38.9	57.8	36.6	33.4
	F	1485	117	384	20.1	6.8	19.4	5.8	0.5	3.3	9.4	10.2	7.6	10.6
<b>Road traffic accidents</b>	M	381	145	159	8.6	7.9	7.8	0.5	1.0	-	19.0	19.4	8.6	6.8
	F	134	39	51	2.6	2.2	2.5	1.1	-	0.9	3.7	5.1	2.9	1.9
<b>Fire</b>	M	21	3	11	0.5	0.2	0.6	0.5	0.5	-	-	0.4	-	-
	F	18	2	5	0.3	0.1	0.3	0.5	0.5	-	-	-	-	-
<b>Suicide</b>	M	968	177	553	20.7	9.6	28.5	-	-	0.9	11.3	23.6	13.6	17.4
	F	293	40	167	5.5	2.2	8.3	-	-	0.5	3.2	2.3	3.6	5.7
<b>POPULATION:</b>			<b>M=</b> male		4089.2	1696.4	1990.2	200.3	208.4	225.1	257.4	262.9	278.6	263.7
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		4302.8	1643.4	2033.6	190.1	198.1	214.0	245.8	255.9	275.6	263.8

## 2010: AUSTRIA

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			
107.7	152.6	280.1	488.2	783.1	1266.7	1767.4	2645.8	4461.7	11250.9	M	ALL CAUSES	001-999/A00-Y89
55.8	79.9	152.8	232.0	375.6	624.3	838.1	1380.3	2656.5	9738.0	F		
-	0.3	0.3	0.7	0.4	1.4	-	3.1	3.6	3.1	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	0.3	0.3	-	0.8	0.4	0.5	2.0	2.1	F		
3.4	4.2	5.3	8.9	8.8	10.4	13.8	11.8	26.8	52.6	M	Other infective and parasitic	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
0.7	0.8	2.0	2.3	2.8	3.8	4.5	17.0	28.2	71.3	F		
14.2	32.0	78.3	154.4	302.2	499.4	706.8	945.7	1399.6	2345.4	M	ALL CANCER	140-208/C00-C97
25.2	41.2	72.1	121.1	206.6	330.9	411.1	559.7	812.0	1350.2	F		
0.7	1.1	3.9	16.5	18.9	37.4	26.2	24.1	22.4	26.3	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	0.8	2.3	3.6	4.8	7.2	8.2	3.6	11.2	10.0	F		
0.3	1.4	3.9	4.9	11.3	19.8	21.6	21.7	30.4	27.1	M	Oesophagus cancer	150/C15
-	-	-	0.3	2.4	1.7	2.9	5.1	7.2	11.8	F		
1.4	0.6	4.8	5.3	15.6	14.4	23.0	35.3	71.5	141.6	M	Stomach cancer	151/C16
1.3	2.8	2.6	3.3	6.9	7.6	9.8	15.4	42.7	68.1	F		
0.7	3.4	3.4	11.8	29.0	44.1	77.8	106.5	169.0	272.4	M	Colorectal cancer	153, 154/C18-C21
0.7	2.8	5.2	7.2	12.9	25.7	44.7	58.1	91.9	186.0	F		
-	0.3	3.6	7.2	13.0	26.6	33.1	53.2	48.3	62.7	M	Liver cancer	155.0/C22 excl C221
-	0.8	0.6	1.3	3.2	4.2	8.6	7.7	17.7	20.1	F		
0.7	2.2	8.4	10.5	23.1	37.8	56.1	66.2	102.8	117.6	M	Pancreas cancer	157/C25
0.7	2.6	4.6	8.5	11.7	22.7	41.8	54.0	72.9	117.2	F		
-	0.3	2.2	3.3	3.8	7.7	10.1	8.7	4.5	7.0	M	Larynx cancer	161/C32
-	-	0.3	0.3	0.4	1.7	1.2	1.5	1.3	2.5	F		
2.7	7.0	17.6	50.4	94.2	154.9	199.2	237.7	291.5	327.3	M	Lung cancer	162/C33, C34
1.0	4.5	10.6	22.9	48.8	78.7	79.2	84.4	105.0	112.9	F		
0.7	1.7	4.2	3.3	6.3	11.3	9.2	11.8	29.5	41.0	M	Malignant melanoma	172/C43
2.0	2.0	3.7	3.3	4.0	3.4	5.7	8.2	17.1	22.2	F		
8.4	13.1	15.7	24.9	40.8	59.4	67.7	91.1	91.2	205.0	F	Female breast cancer	174/C50
1.3	1.7	3.1	4.2	4.8	6.3	7.8	11.8	8.5	13.6	F	Cervix cancer	180/C53
0.7	0.3	0.9	2.6	6.5	9.7	10.3	15.4	20.4	38.7	F	Other uterine cancer	179, 182/C54, C55
1.3	1.1	4.6	6.9	12.1	19.4	24.2	31.9	38.1	58.4	F	Ovarian cancer	183/C56, C570-C574
-	0.3	0.8	2.3	8.8	20.7	43.7	86.7	169.9	481.3	M	Prostate cancer	185/C61
-	-	1.1	1.6	4.6	9.9	21.2	22.9	32.2	143.2	M	Bladder cancer	188/C67
0.7	0.3	0.9	1.3	0.8	3.4	4.5	5.1	10.5	31.2	F		
5.4	10.7	20.1	29.3	61.0	82.9	139.4	187.5	285.3	478.2	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
5.7	5.4	13.7	24.9	33.9	62.3	72.2	125.0	185.8	299.6	F		
-	0.3	-	0.3	0.4	0.5	0.5	0.6	2.7	0.8	M	Hodgkin's disease	201/C81
-	-	0.3	-	0.4	0.4	1.2	1.0	1.3	2.5	F		
1.0	1.7	2.2	2.6	7.6	18.9	27.1	40.2	72.4	110.7	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	2.0	1.7	3.9	7.7	11.8	11.5	23.7	57.8	83.2	F		
0.7	1.1	2.0	4.9	4.6	12.6	18.4	42.7	67.1	108.3	M	Leukaemia	204-208/C91-C95
0.7	0.8	1.4	1.6	4.4	5.5	9.4	16.5	31.5	67.0	F		
1.0	2.5	3.9	11.5	19.3	45.0	60.3	108.9	216.4	427.9	M	Diabetes	250/E10-E14
0.3	0.8	0.9	2.6	5.7	12.6	24.2	57.6	139.2	449.8	F		
16.9	26.4	54.9	116.2	167.3	313.9	496.9	873.9	1735.0	5759.3	M	ALL VASCULAR DISEASE	390-459/I00-I99
6.7	11.7	21.4	32.4	53.3	106.5	191.6	421.9	1063.4	5705.9	F		
-	-	0.6	0.3	0.4	1.4	2.8	2.5	9.8	22.4	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	1.3	0.8	1.5	5.9	35.8	F		
-	1.7	1.4	3.6	8.4	16.7	30.4	64.4	130.6	539.3	M	Hypertensive disease	401-405/I10-I15
-	0.3	0.3	1.6	4.4	8.4	16.0	28.8	109.0	804.7	F		
8.8	13.8	32.7	74.4	107.2	201.7	285.3	510.6	924.7	2763.2	M	Ischaemic heart disease	410-414/I20-I25
2.4	3.7	6.9	11.8	21.0	50.1	88.6	191.9	458.8	2226.9	F		
1.0	1.4	0.8	4.0	5.0	3.6	9.2	11.1	32.2	61.9	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
1.0	0.3	1.1	1.6	1.6	5.9	5.3	13.9	23.0	80.7	F		
2.0	4.2	5.9	14.2	16.8	30.6	65.8	122.5	268.3	793.1	M	Cerebrovascular disease	430-438/I60-I69
1.7	4.8	8.0	12.1	14.1	20.6	43.1	88.5	216.6	892.5	F		
5.1	5.3	13.4	19.8	29.4	59.9	103.5	162.8	369.4	1579.3	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
1.7	2.6	5.2	7.2	12.1	20.2	37.7	97.2	250.1	1665.3	F		
1.7	1.1	3.1	5.2	16.4	43.7	81.0	130.0	216.4	515.3	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.3	1.4	1.7	3.6	13.3	25.3	37.3	41.2	86.0	284.2	F		
-	0.6	2.5	4.6	8.0	8.6	17.9	41.5	102.0	316.5	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
0.3	-	1.4	0.7	0.8	3.4	7.8	18.0	47.3	245.2	F		
-	0.3	0.3	0.7	2.5	2.2	4.6	5.0	15.2	22.4	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	-	1.7	2.9	1.0	10.5	22.9	F		
7.1	10.9	30.5	45.1	64.3	82.4	72.2	74.3	65.3	63.5	M	Liver cirrhosis	571/K70, K74
1.0	2.6	8.0	13.4	15.7	26.9	18.1	24.2	26.9	24.0	F		
-	0.3	-	2.0	2.5	5.0	13.3	21.0	43.8	209.7	M	Renal disease	580-590/N00-N19
-	0.3	1.1	1.3	1.6	2.5	3.3	11.3	25.6	189.2	F		
-	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099 740-779/A33, P00-P96, Q00-Q99
1.7	0.6	3.1	1.6	5.9	3.1	3.7	0.6	4.5	2.3	F		
1.3	1.7	2.3	2.0	3.2	4.2	2.5	2.6	1.3	1.8	F		
3.4	7.0	7.6	14.2	28.6	50.0	75.0	83.5	76.0	184.9	M	Ill-defined causes	780-799/R00-R99
0.7	1.4	1.1	4.2	8.1	17.7	18.5	29.8	53.8	245.5	F		
15.9	18.5	34.4	56.3	80.3	117.1	133.4	215.4	362.2	908.4	M	Other medical causes	Rest of 001-799/ rest of A00-R99
6.7	7.7	19.4	26.2	44.0	63.6	90.7	142.5	271.1	878.5	F		
42.3	48.0	56.0	64.8	76.5	84.7	88.3	131.2	195.0	439.5	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
12.4	10.2	20.9	21.9	20.6	24.4	25.4	53.0	89.3	267.0	F		
7.1	9.3	8.4	9.2	8.4	6.3	6.0	21.0	10.7	24.0	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
1.3	3.4	2.6	2.3	1.6	3.8	2.5	4.6	6.6	9.0	F		
-	0.3	0.6	0.7	1.7	0.9	-	0.6	1.8	3.1	M	Fire	E890-E899/X00-X09
0.3	-	-	0.3	0.4	-	0.8	-	0.7	3.6	F		
19.6	24.1	26.6	28.0	33.6	36.5	31.3	35.9	59.0	88.2	M	Suicide	E950-E959/X60-X84
6.0	4.5	11.2	9.5	8.5	9.3	9.0	12.3	15.1	14.0	F		
295.3	356.5	357.4	303.8	237.9	222.1	217.3	161.6	111.8	129.2	M	POPULATION	
297.7	351.6	349.6	305.6	247.9	237.5	243.8	194.4	152.3	279.0	F	(1000s; UN, 2015 revision)	

## AUSTRIA: 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	– / 1.0	– / 0.5	–
35–69	3.2 / 12	1.2 / 6.2	23 years
70+	3.6 / 24	2.5 / 34	7 years
All ages	6.8 / 36	3.7 / 41	14 years

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

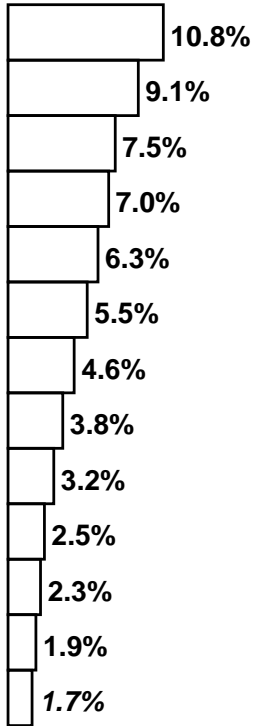
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	1.1/1.2	0.9/1.1	2.0/2.4	–/0.0	0.5/0.6	0.4/0.6	0.9/1.3
All Cancer	–/0.1	1.6/4.3 (37%)	1.4/6.2 (23%)	3.0/11	–/0.1	0.6/3.2 (19%)	0.5/6.1 (8%)	1.1/9.3
Vascular	–/0.0	0.9/2.8	1.2/11	2.1/14	–/0.0	0.3/1.1	1.2/18	1.5/19
Respiratory	–/0.0	0.3/0.4	0.7/1.7	1.0/2.1	–/0.0	0.1/0.2	0.5/1.7	0.7/2.0
All Other	–/0.9	0.4/4.2	0.3/5.2	0.7/10	–/0.4	0.2/1.7	0.2/7.8	0.4/9.9
All Causes	–/1.0	3.2/12 (27%)	3.6/24 (15%)	6.8/36	–/0.5	1.2/6.2 (20%)	2.5/34 (7%)	3.7/41

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

Cause	Male	Female	Male + Female
All Cancer	3.0 / 11 (28%)	1.1 / 9.3 (12%)	4.1 / 20 (21%)
All Causes	6.8 / 36 (19%)	3.7 / 41 (9%)	11 / 77 (14%)

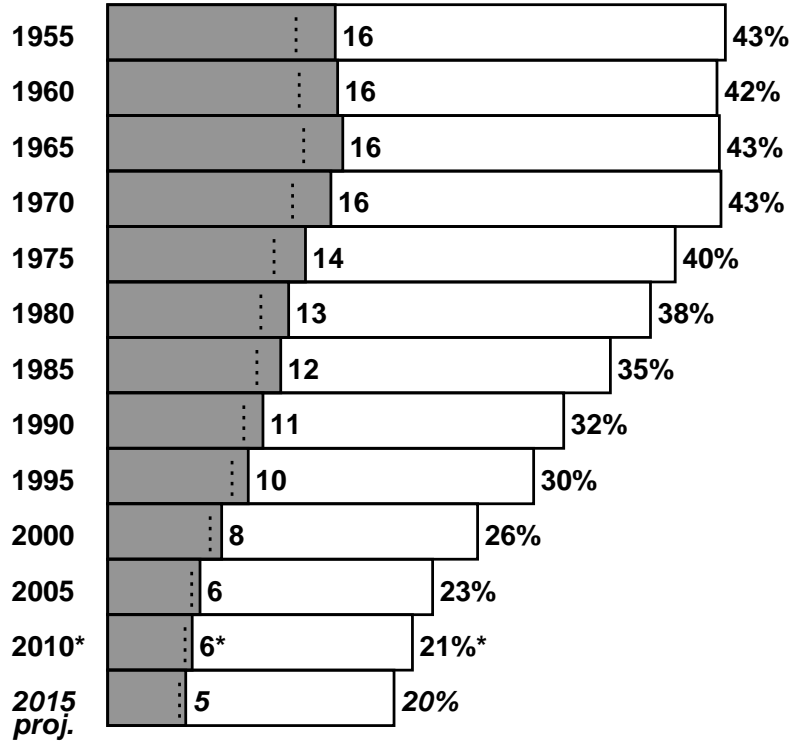
1955-2015: AUSTRIA

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)

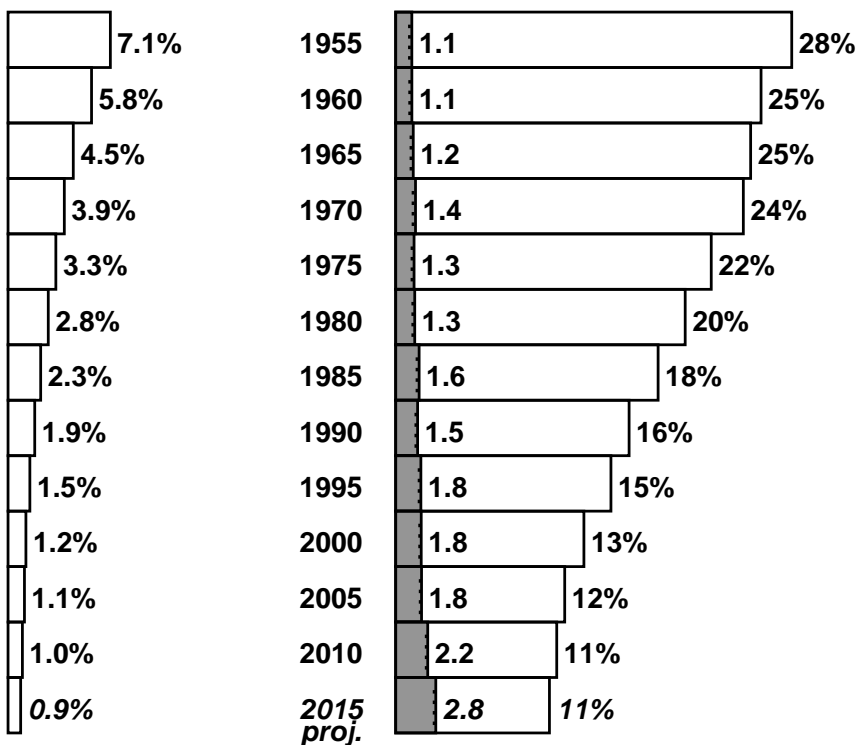
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 21 would die before age 70 (with 6 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



## AUSTRIA: 1950-2015

*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	– / 0.9	– / 0.4	–
35–69	3.0 / 11	1.5 / 5.9	<b>23 years</b>
70+	3.3 / 26	2.4 / 32	8 years
<b>All ages</b>	<b>6.2 / 38</b>	<b>3.9 / 38</b>	<b>14 years</b>

## 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	–/5.7	7.1/19 (38%)	2.9/20 (15%)	10/45	–/3.7	0.6/14 (4%)	0.6/25 (2%)	1.2/42
1965	–/4.5	7.6/20 (38%)	4.7/22 (21%)	12/46	–/2.7	0.7/14 (5%)	0.9/30 (3%)	1.6/46
1975	–/3.5	5.9/17 (34%)	6.7/25 (26%)	13/46	–/1.8	0.7/12 (6%)	1.4/35 (4%)	2.1/48
1985	–/2.6	4.8/14 (34%)	5.9/25 (24%)	11/41	–/1.1	0.7/8.5 (9%)	2.0/37 (5%)	2.8/47
1995	–/1.9	4.4/14 (33%)	4.5/22 (21%)	9.0/37	–/0.8	0.8/7.1 (12%)	2.4/35 (7%)	3.2/43
2005	–/1.1	3.3/12 (28%)	4.1/22 (18%)	7.3/35	–/0.5	0.9/6.1 (15%)	2.6/34 (8%)	3.5/40
2015 <i>proj.</i>	–/0.9	3.0/11 (27%)	3.3/26 (13%)	6.2/38	–/0.4	1.5/5.9 (25%)	2.4/32 (7%)	3.9/38

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 751 / 5071

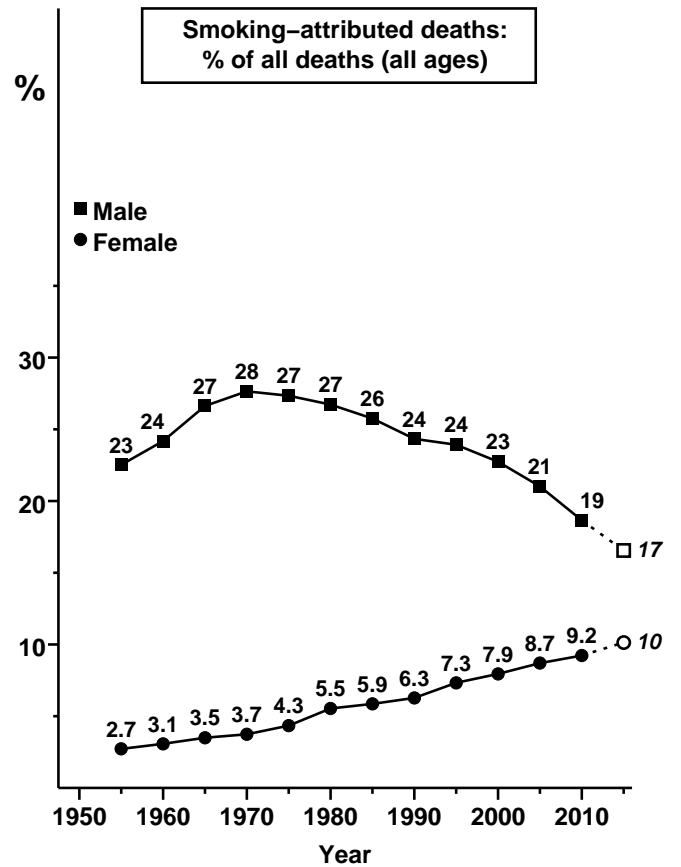
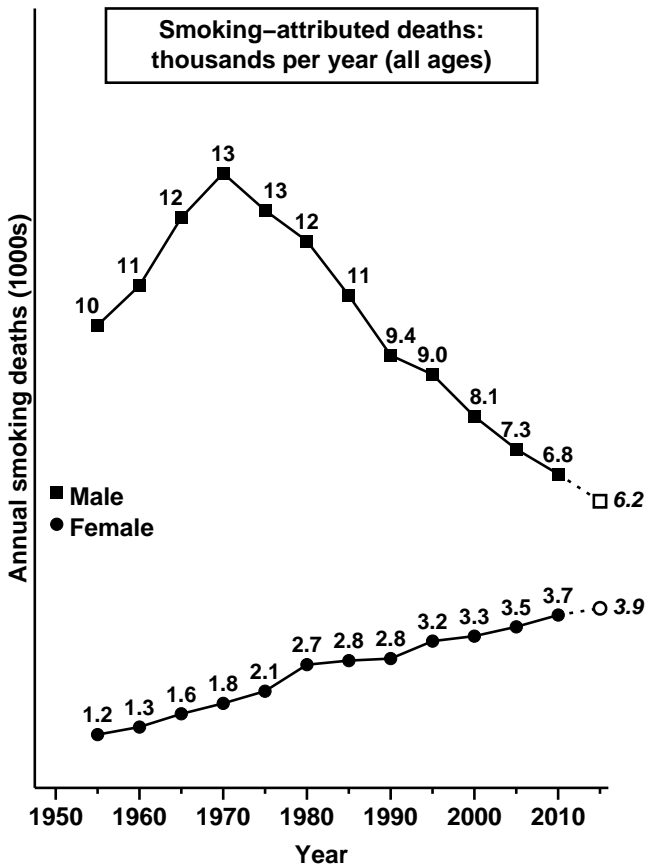
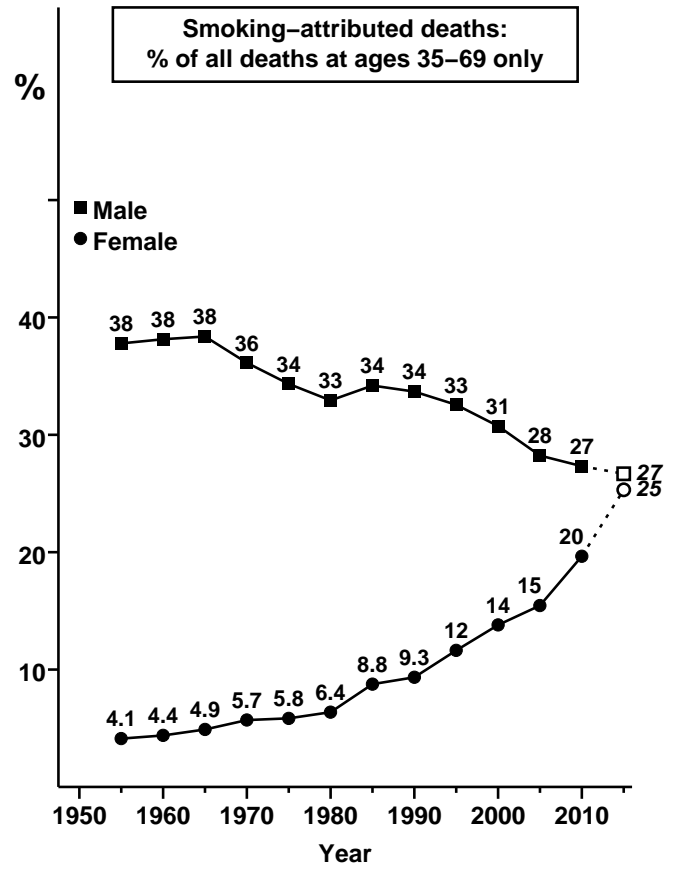
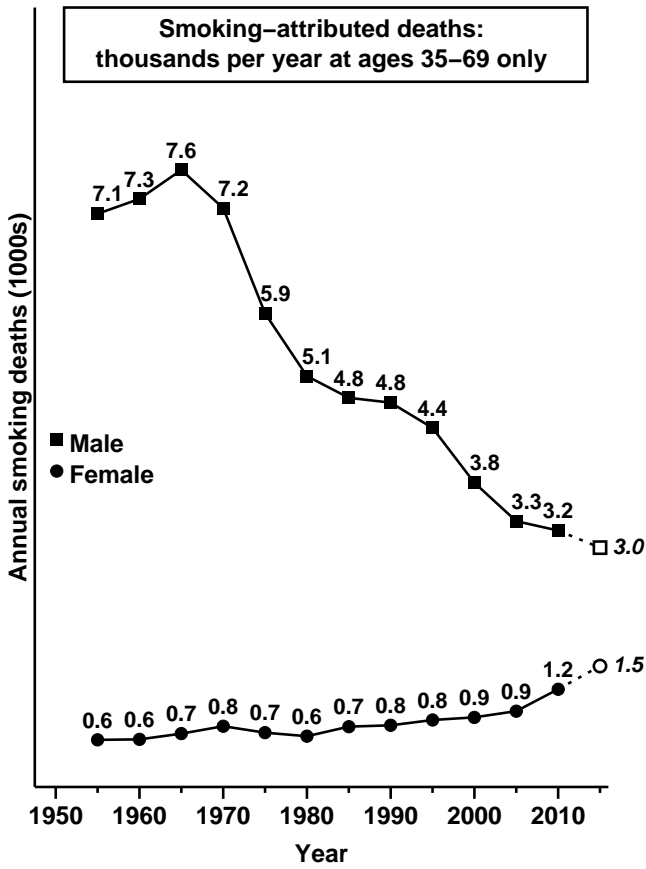
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

1960–2020, by age & sex:

–/144	290/876 (33%)	291/1418 (20%)	581/2437	–/73	54/527 (10%)	117/2033 (6%)	170/2634
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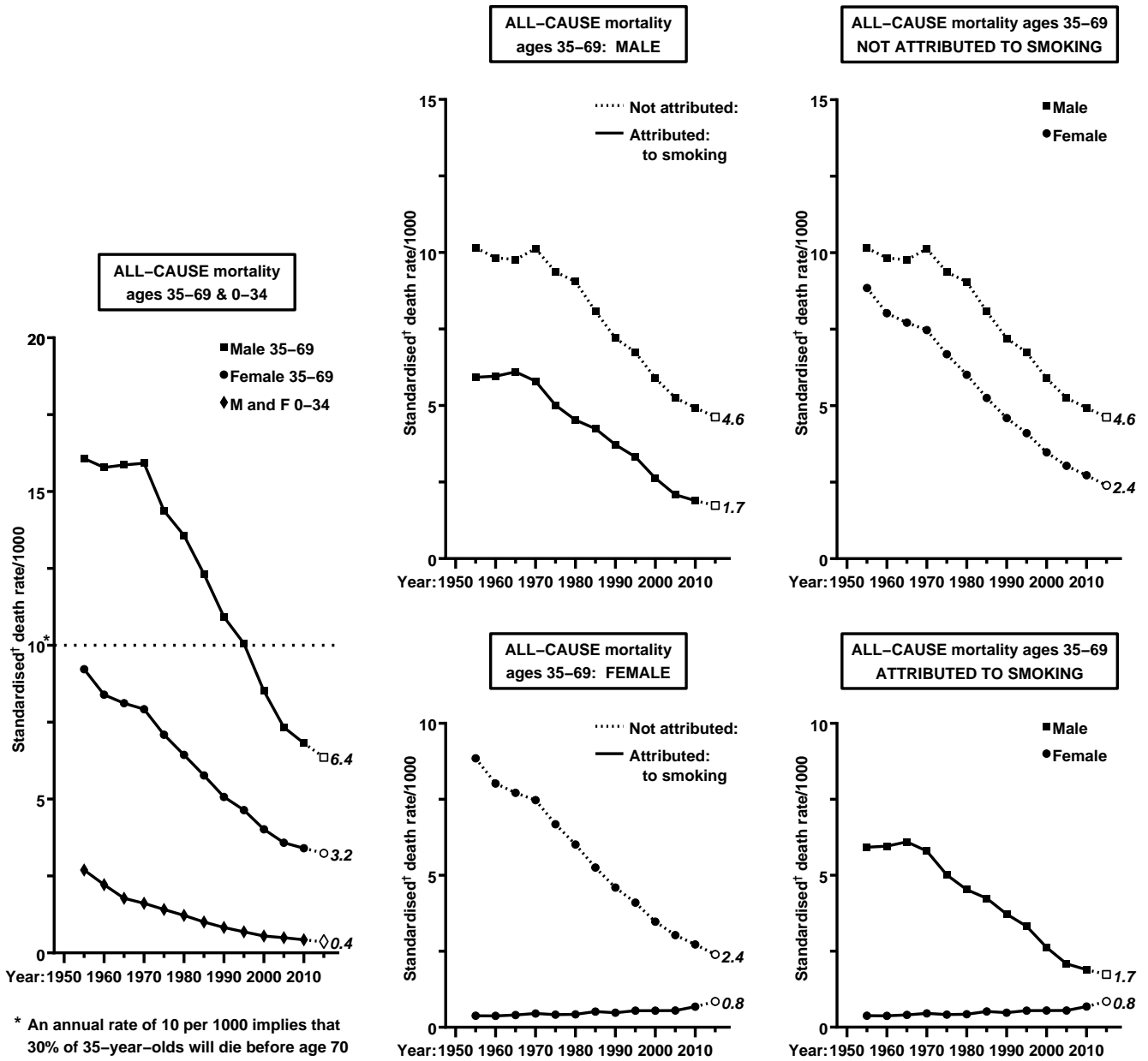


1955-2015: AUSTRIA



**AUSTRIA: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

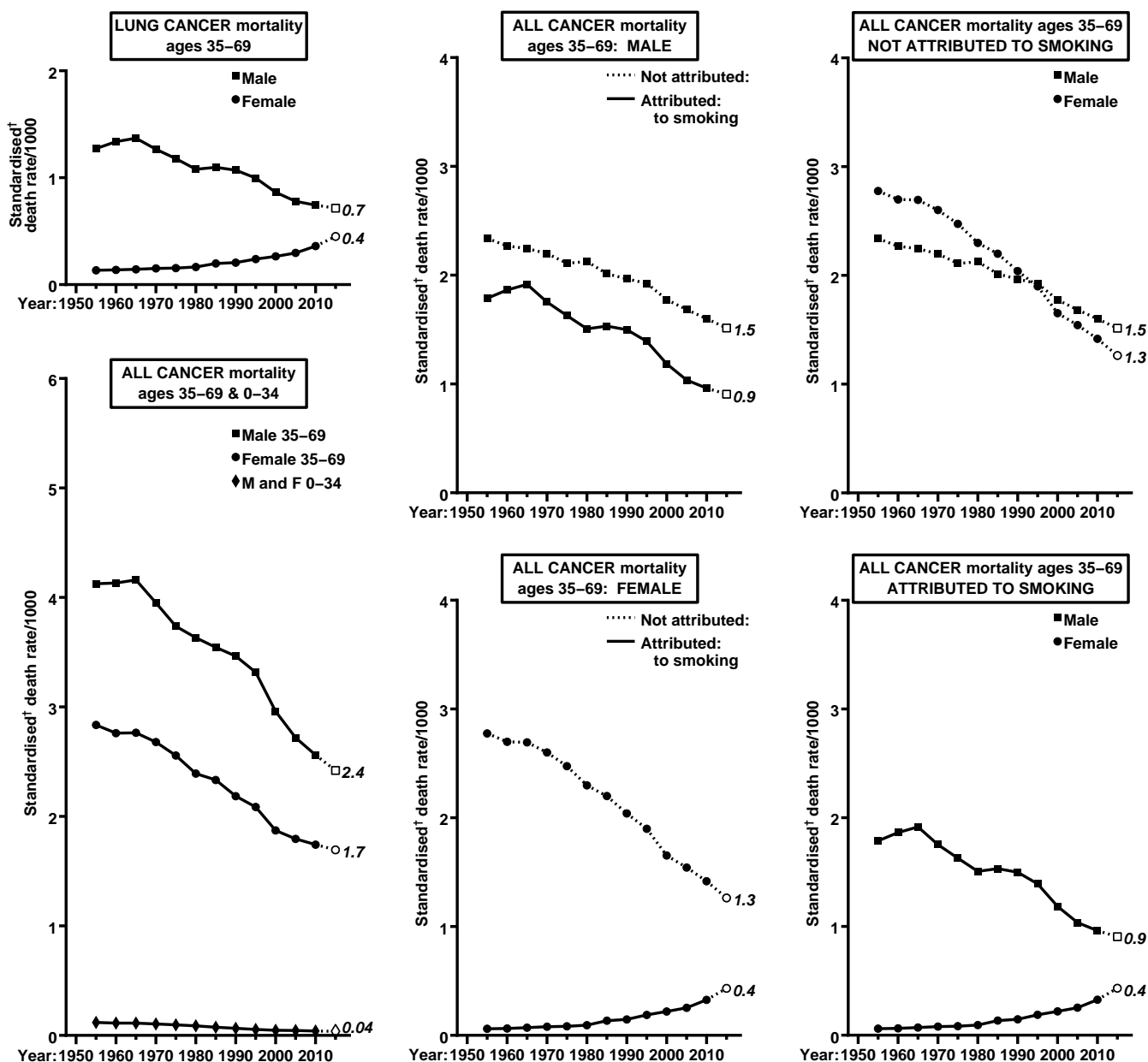


Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	-	3.27	5.92	10.2	13.4	70.3	-	2.11	0.38	8.85	1.69	61.9	-	2.11	0.38	8.85
1960	-	2.72	5.96	9.83	15.7	66.8	-	1.71	0.37	8.02	1.75	57.0	-	1.71	0.37	8.02
1965	-	2.22	6.10	9.77	19.3	64.1	-	1.33	0.40	7.71	1.92	54.6	-	1.33	0.40	7.71
1970	-	2.08	5.79	10.1	23.7	62.9	-	1.14	0.45	7.47	2.12	54.2	-	1.14	0.45	7.47
1975	-	1.85	5.01	9.36	23.1	59.0	-	0.97	0.41	6.68	2.35	48.0	-	0.97	0.41	6.68
1980	-	1.62	4.52	9.05	21.4	56.1	-	0.81	0.42	6.01	2.87	43.5	-	0.81	0.42	6.01
1985	-	1.35	4.24	8.08	17.4	51.4	-	0.66	0.51	5.25	2.55	38.8	-	0.66	0.51	5.25
1990	-	1.11	3.72	7.20	13.7	45.9	-	0.54	0.48	4.59	2.45	32.7	-	0.54	0.48	4.59
1995	-	0.93	3.32	6.74	12.6	42.2	-	0.44	0.54	4.10	2.46	28.6	-	0.44	0.54	4.10
2000	-	0.73	2.62	5.89	10.7	36.7	-	0.36	0.54	3.47	2.37	24.2	-	0.36	0.54	3.47
2005	-	0.65	2.08	5.25	8.60	32.5	-	0.33	0.55	3.03	2.10	20.9	-	0.33	0.55	3.03
2010	-	0.56	1.89	4.93	6.40	29.3	-	0.29	0.68	2.72	1.95	18.3	-	0.29	0.68	2.72
2015	-	0.48	1.73	4.62	4.74	26.3	-	0.25	0.84	2.39	1.82	16.1	-	0.25	0.84	2.39

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

1955-2015: AUSTRIA

ALL CANCER mortality rates attributed and not attributed to smoking



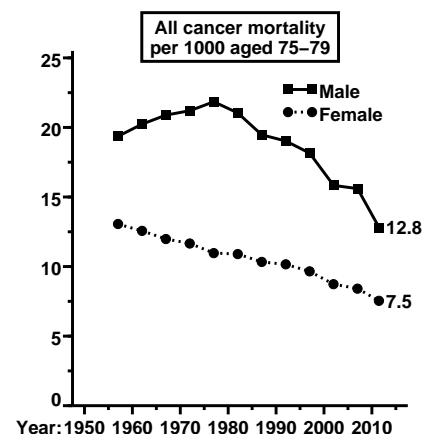
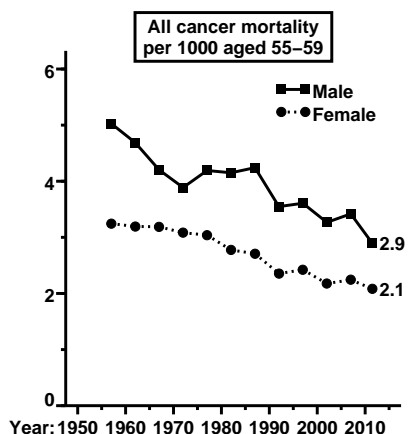
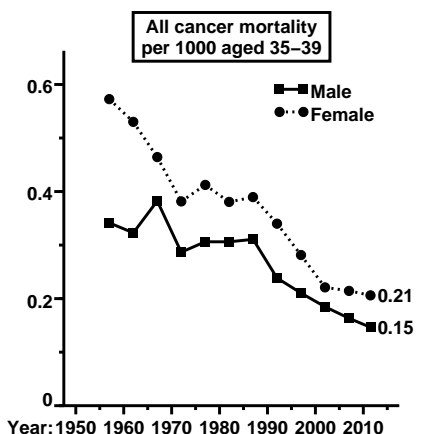
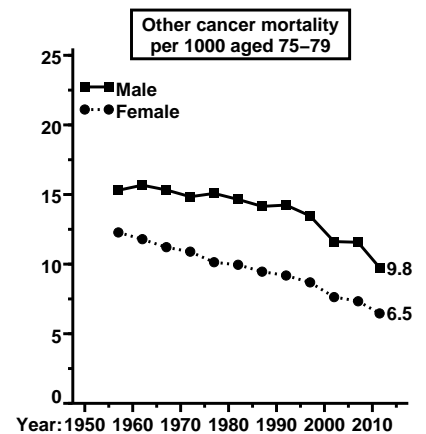
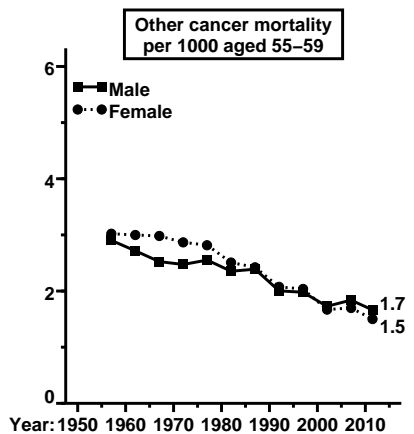
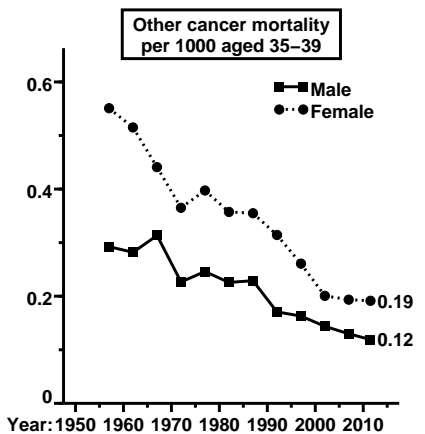
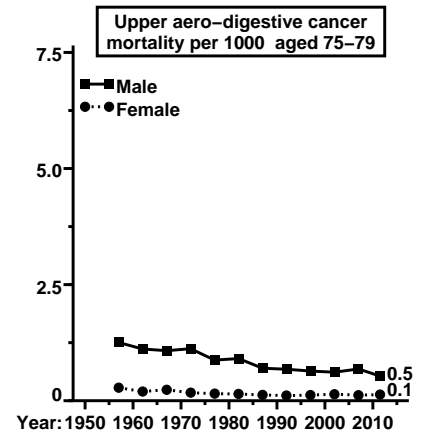
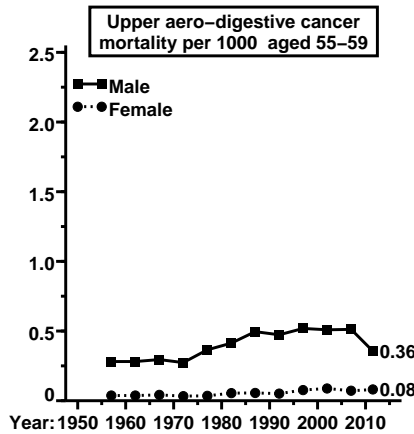
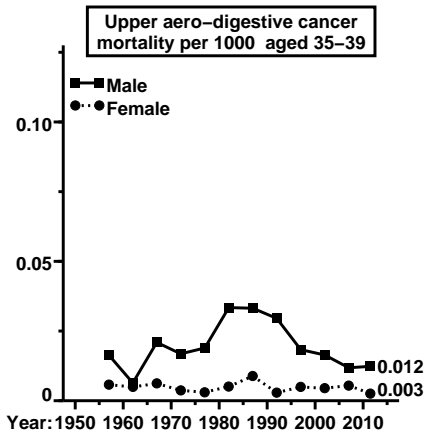
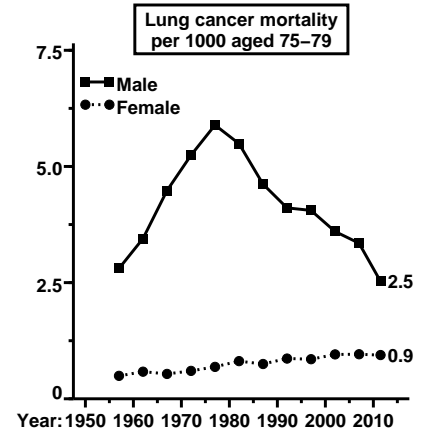
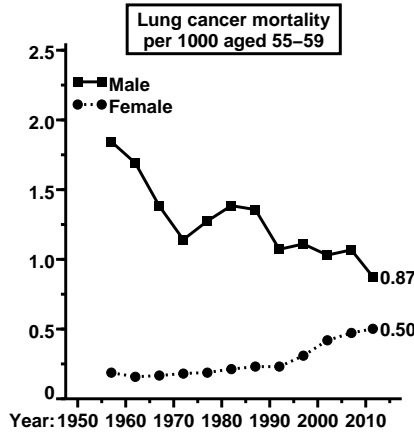
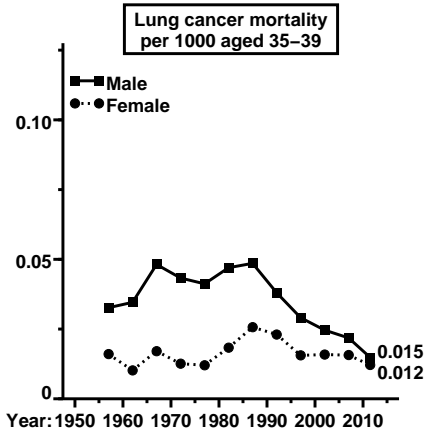
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	0.12	1.79	2.34	4.02	13.0	-	0.12	0.06	2.78	0.23	11.1	-	0.11	0.06	2.70	0.26	10.7
1960	-	0.11	1.86	2.27	4.96	13.2	-	0.11	0.07	2.69	0.28	10.4	-	0.11	0.08	2.60	0.30	9.97
1965	-	0.11	1.92	2.24	5.88	12.6	-	0.11	0.07	2.69	0.28	10.4	-	0.09	0.08	2.60	0.30	9.97
1970	-	0.11	1.75	2.20	7.15	12.1	-	0.09	0.08	2.47	0.39	9.37	-	0.09	0.08	2.47	0.39	9.37
1975	-	0.10	1.63	2.11	7.45	11.7	-	0.09	0.08	2.47	0.39	9.37	-	0.08	0.09	2.30	0.52	8.86
1980	-	0.09	1.51	2.13	7.07	11.4	-	0.08	0.09	2.30	0.52	8.86	-	0.07	0.13	2.20	0.49	8.62
1985	-	0.07	1.53	2.01	5.84	11.1	-	0.07	0.15	2.04	0.57	8.25	-	0.06	0.15	2.04	0.57	8.25
1990	-	0.07	1.50	1.97	5.12	11.3	-	0.06	0.19	1.90	0.62	7.87	-	0.05	0.22	1.65	0.68	6.98
1995	-	0.05	1.39	1.92	4.89	10.7	-	0.05	0.25	1.54	0.67	6.50	-	0.04	0.33	1.42	0.72	6.16
2000	-	0.05	1.18	1.77	4.44	9.86	-	0.04	0.33	1.42	0.72	6.16	-	0.04	0.33	1.42	0.72	6.16
2005	-	0.05	1.04	1.68	3.83	9.48	-	0.04	0.33	1.42	0.72	6.16	-	0.04	0.33	1.42	0.72	6.16
2010	-	0.04	0.96	1.60	3.07	8.83	-	0.04	0.43	1.26	0.77	5.83	-	0.04	0.43	1.26	0.77	5.83
2015	-	0.03	0.91	1.51	2.46	8.18	-	0.04	0.43	1.26	0.77	5.83	-	0.04	0.43	1.26	0.77	5.83

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

**AUSTRIA: 1955-2013**

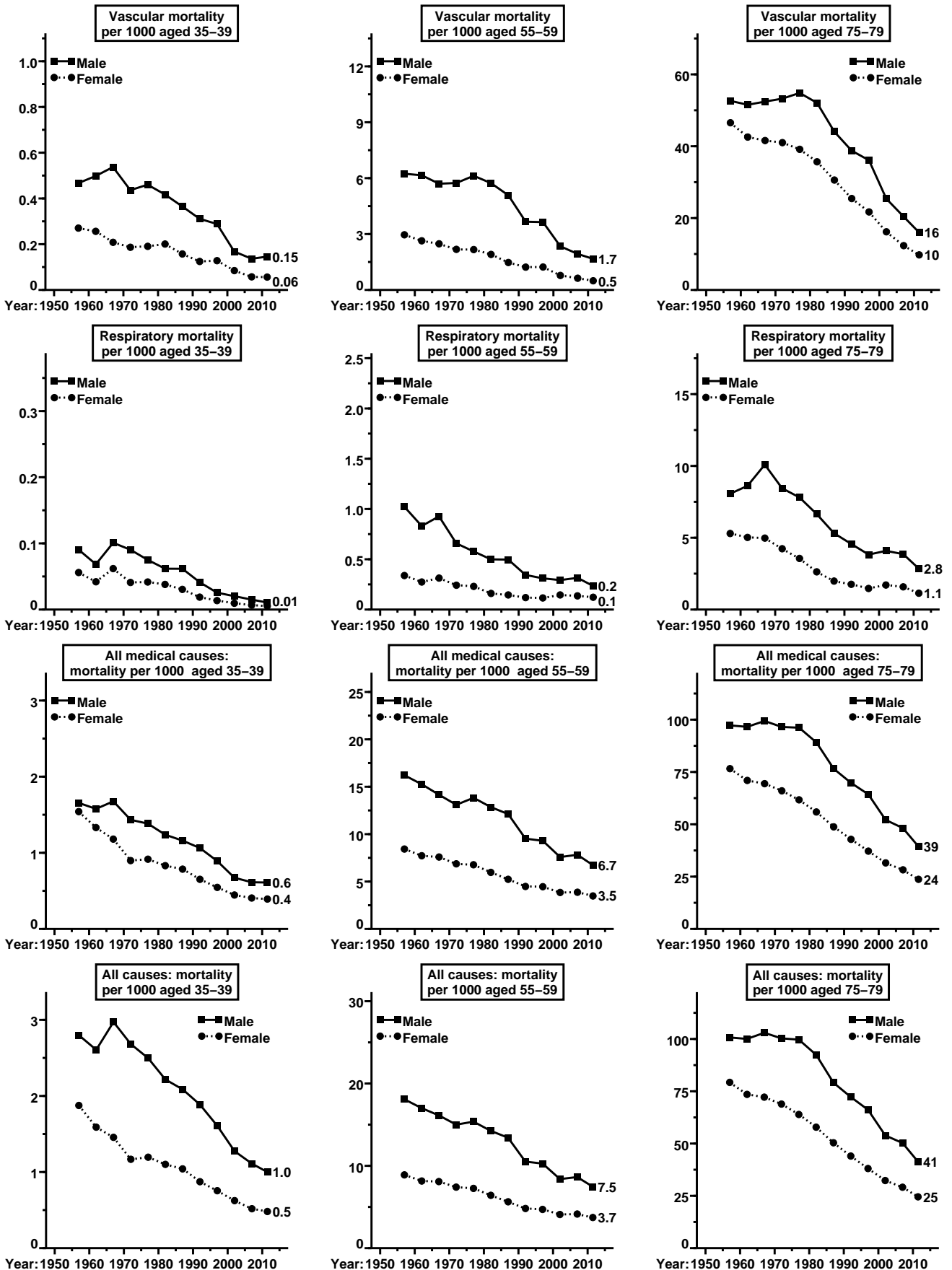
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1955–59,.....,2005–09; then 4-year average 2010–13

1955-2013: AUSTRIA

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



\* Annual mortality per 1000: averages of years available in 1955-59,.....,2005-09; then 4-year average 2010-13



2010<sup>†</sup>: BELARUS<sup>†</sup>2009 rates applied to 2010 populationAnnual 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+/ <sup>NK</sup>			
606.0	849.6	1243.8	1730.0	2615.8	3675.3	5527.0	6784.7	10506.1	15106.8	M	ALL CAUSES	001-999/A00-Y89
170.8	224.0	340.9	525.0	869.5	1160.8	2022.1	2993.2	5894.6	12334.9	F		
17.9	27.6	31.7	33.0	30.3	22.0	17.9	12.9	18.8	9.4	M	Tuberculosis	010-018/A15-A19
5.6	3.2	3.3	2.5	4.3	2.9	4.0	3.0	6.6	5.1	F		
21.0	9.2	7.0	3.9	2.9	3.9	4.1	5.7	3.5	1.4	M	Other infective	Rest of 001-139,279.5&.6/
5.3	2.4	1.0	2.7	1.7	0.7	1.5	1.9	3.0	0.8	F	and parasitic	rest of A00-B99 excl A33,A34
29.6	71.4	156.8	301.6	577.2	779.9	1166.0	1278.1	1438.2	1226.8	M	ALL CANCER	140-208/C00-C97
27.9	51.9	88.6	145.6	221.6	289.5	395.6	479.6	569.9	509.4	F		
0.3	7.3	18.4	31.8	57.0	57.6	48.0	46.5	37.6	9.4	M	Mouth and	140-149/C00-C14
0.6	0.3	1.3	2.0	3.2	1.8	2.0	3.0	3.0	4.2	F	pharynx cancer	
0.9	1.9	7.2	13.2	27.8	30.8	33.3	35.1	36.4	20.2	M	Oesophagus cancer	150/C15
-	-	-	1.0	0.6	1.1	2.0	2.6	3.5	3.0	F		
4.0	8.9	20.0	42.8	67.1	84.0	165.9	186.1	179.6	193.9	M	Stomach cancer	151/C16
5.0	4.4	8.1	13.9	22.5	29.9	54.2	71.5	86.9	79.0	F		
1.9	2.2	9.2	16.6	46.6	68.4	129.3	141.7	184.3	189.9	M	Colorectal cancer	153, 154/C18-C21
0.3	1.5	1.0	2.2	3.5	4.7	10.0	14.1	17.7	12.7	F		
0.6	2.2	4.5	5.3	12.6	19.5	21.1	23.6	21.1	26.9	M	Liver cancer	155.0, 155.1/C22
-	1.5	1.0	2.2	3.5	4.7	10.0	14.1	17.7	12.7	F		
1.9	3.5	8.1	14.4	27.4	33.2	50.4	45.1	49.3	44.4	M	Pancreas cancer	157/C25
-	0.3	1.8	4.2	8.4	8.7	24.1	24.4	35.4	35.7	F		
1.2	3.8	8.1	11.8	22.4	30.3	39.8	20.0	36.4	12.1	M	Larynx cancer	161/C32
-	-	0.8	0.2	-	0.4	0.5	-	1.0	-	F		
4.0	12.1	34.8	86.5	174.3	221.7	365.1	348.5	361.6	214.1	M	Lung cancer	162/C33, C34
0.9	1.8	3.0	5.9	10.4	18.0	18.1	29.3	27.3	25.0	F		
1.9	2.9	2.5	1.7	2.9	10.3	12.2	10.7	8.2	8.1	M	Malignant melanoma	172/C43
0.3	1.5	2.3	3.2	3.2	5.0	5.5	6.7	7.6	5.9	F		
5.9	13.6	22.8	35.0	47.7	63.8	68.8	58.9	64.2	54.8	F	Female breast cancer	174/C50
5.0	7.1	9.6	12.2	12.7	9.7	9.5	11.8	11.6	11.9	F	Cervix cancer	180/C53
0.9	1.5	4.0	6.4	14.2	16.2	24.6	23.7	24.2	15.7	F	Other uterine cancer	179, 182/C54, C55
1.2	4.4	9.1	13.2	17.6	16.9	24.6	24.8	29.3	16.1	F	Ovarian cancer	183.0/C56
0.3	0.3	1.1	7.0	18.4	46.4	85.4	131.7	205.4	233.0	M	Prostate cancer	185/C61
0.6	0.3	1.1	4.2	10.5	13.7	32.5	46.5	74.0	83.5	M	Bladder cancer	188/C67
-	0.3	-	0.7	0.6	2.2	3.0	4.8	8.6	9.3	F		
7.1	20.9	32.8	53.0	84.8	125.0	130.1	165.3	156.1	113.1	M	Other and ill-defined	Rest of 140-199/
6.2	10.9	20.3	34.5	61.3	81.5	108.9	150.7	176.3	179.1	F	cancer sites	rest of C00-C80, C97
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
1.9	1.9	5.6	5.9	12.3	15.6	16.3	35.8	31.7	21.6	M	Myeloma and non-	200, 202-203/
0.3	1.2	1.8	3.9	6.9	11.9	15.6	18.9	28.8	16.6	F	Hodgkin lymphomas	C82-C85, C90
3.1	3.5	3.6	7.3	13.0	23.9	36.6	41.5	57.5	53.9	M	Leukaemia	204-208/C91-C95
1.5	2.1	2.0	4.4	5.5	13.0	14.6	20.4	25.8	25.9	F		
2.2	2.2	3.6	3.1	6.9	7.8	15.4	15.7	17.6	10.8	M	Diabetes	250/E10-E14
1.5	0.3	1.5	2.2	5.2	12.6	13.1	12.2	16.7	11.5	F		
119.8	236.9	428.2	684.9	1172.0	1942.7	3213.6	4403.1	7456.1	8781.5	M	ALL VASCULAR	390-459/I00-I99
24.4	52.5	93.7	170.5	359.5	598.8	1287.7	2149.2	4778.0	6571.1	F	DISEASE	
3.1	3.5	4.5	7.0	10.1	15.1	18.7	14.3	7.0	4.0	M	Rheumatic heart	390-398/I00-I09
-	0.9	1.3	6.1	6.9	13.7	22.1	19.6	13.6	4.7	F	disease and fever	
1.5	4.4	6.7	9.6	21.3	20.5	31.7	30.8	42.3	36.4	M	Hypertensive disease	401-404/I10-I13
0.9	0.6	2.0	5.1	7.8	9.7	20.1	18.9	24.8	24.2	F		
65.2	142.4	285.0	468.4	798.8	1374.2	2267.1	3163.0	5641.1	6678.1	M	Ischaemic heart	410-414/I20-I25
7.9	21.5	44.3	77.8	202.6	369.9	830.3	1452.2	3340.6	4645.6	F	disease	
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism	Not given
...	...	...	...	...	...	...	...	...	...	F	and other venous	separately
19.8	40.6	79.5	132.4	249.4	391.7	717.2	1008.3	1515.6	1793.8	M	Cerebrovascular	430-438/I60-I69
7.3	18.9	27.6	59.4	108.1	164.0	372.5	594.0	1271.7	1738.7	F	disease	
30.0	46.3	52.3	67.6	92.4	141.1	178.9	186.8	251.2	268.0	M	Other vascular	Rest of 390-459/
8.2	10.3	18.5	21.8	34.1	41.8	42.7	64.1	127.3	157.9	F	disease, incl. venous	rest of I00-I99
2.2	2.9	11.4	22.0	43.0	82.0	187.0	273.4	560.0	510.4	M	Chronic obstructive	490-494, 496/
1.2	1.5	2.5	3.4	4.9	9.7	22.1	35.9	88.4	96.4	F	pulmonary disease	J40-J47
24.1	33.9	45.0	53.5	59.9	60.1	52.9	41.5	41.1	24.2	M	Other respiratory	Rest of 460-519/
14.7	13.6	14.9	17.4	14.4	9.0	8.0	10.0	8.6	9.3	F	disease	rest of J00-J98
2.2	4.4	6.7	8.2	11.2	12.2	12.2	17.9	7.0	10.8	M	Peptic ulcer	531-533/K25-K27
-	0.9	1.5	1.5	1.4	2.2	7.5	3.7	5.6	14.9	F		
35.8	41.5	66.7	76.6	96.0	143.6	126.8	83.0	57.5	32.3	M	Liver cirrhosis	570-573/
15.3	16.8	30.1	46.7	89.0	71.4	46.2	31.1	23.8	14.9	F	& other liver disease	K70-K76
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.2	2.9	2.8	1.7	1.4	0.5	1.6	0.7	1.2	-	M	Pregnancy, birth	630-676/O00-O99
1.8	0.3	2.3	1.5	-	1.8	1.0	1.1	1.0	-	F	Congenital and	740-779/
18.8	23.1	27.8	39.4	51.3	70.3	92.7	87.3	193.7	3823.2	M	perinatal causes	P00-P96, Q00-Q99
4.4	5.6	5.6	7.8	14.7	18.0	26.1	23.0	92.5	4728.8	F	Ill-defined causes	780-799/R00-R99
40.8	49.2	65.1	84.5	112.3	158.7	190.3	259.8	390.9	387.8	M	Other medical causes	Rest of 001-799/
13.5	17.7	26.9	37.2	53.2	56.2	106.9	145.9	211.7	261.1	F		rest of A00-R99
289.1	344.7	391.2	417.4	451.9	391.7	446.4	304.9	320.5	288.2	M	ALL NON-	E800-E999/V01-Y89
55.0	58.4	69.4	85.6	99.7	87.6	102.9	96.7	88.9	110.8	F	MEDICAL CAUSES	
...	...	...	...	...	...	...	...	...	...	M	Road traffic	Not given
...	...	...	...	...	...	...	...	...	...	F	accidents	separately
9.3	11.1	16.4	14.6	15.2	18.6	31.7	17.9	16.4	17.5	M	Fire	E890-E899/X00-X09
0.9	1.2	1.5	2.2	5.2	4.0	5.0	8.2	7.6	8.9	F		
65.2	70.7	62.0	67.3	69.3	49.8	65.0	70.1	91.6	90.2	M	Suicide	E950-E959/X60-X84
10.0	10.0	12.4	11.5	11.0	10.4	15.6	17.0	17.7	17.0	F		
323.8	315.3	359.6	355.1	277.0	204.8	123.0	139.7	85.2	74.3	M	POPULATION	
340.2	339.3	394.8	408.8	346.1	277.4	199.2	270.0	197.9	235.6	F	(1000s; UN, 2015 revision)	

**BELARUS: 2010<sup>‡</sup>**<sup>‡</sup>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	– / 4.1	– / 1.3	–
35–69	13 / 37	0.0 / 15	20 years
70+	5.8 / 30	0.0 / 48	8 years
All ages	19 / 71	0.0 / 64	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	1.7/1.8	0.9/1.0	2.6/2.8	–/0.0	0.0/0.2	0.0/0.2	0.0/0.4
All Cancer	–/0.2	3.0/6.5 (47%)	1.3/4.0 (32%)	4.3/11	–/0.1	0.0/3.6 (0%)	0.0/3.6 (0%)	0.0/7.4
Vascular	–/0.4	7.9/16	3.4/19	11/35	–/0.1	0.0/6.8	0.0/29	0.0/36
Respiratory	–/0.1	1.0/1.5	0.8/1.3	1.8/2.9	–/0.1	0.0/0.3	0.0/0.5	0.0/0.9
All Other	–/3.4	1.3/13	0.4/5.6	1.6/22	–/1.0	0.0/4.3	0.0/14	0.0/20
All Causes	–/4.1	13/37 (36%)	5.8/30 (20%)	19/71	–/1.3	0.0/15 (0%)	0.0/48 (0%)	0.0/64

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

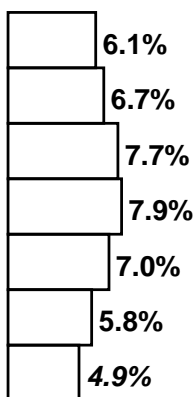
Cause	Male	Female	Male + Female
All Cancer	4.3 / 11 (41%)	0.0 / 7.4 (0%)	4.3 / 18 (24%)
All Causes	19 / 71 (27%)	0.0 / 64 (0%)	19 / 135 (14%)



**1985-2015<sup>‡</sup>: BELARUS**

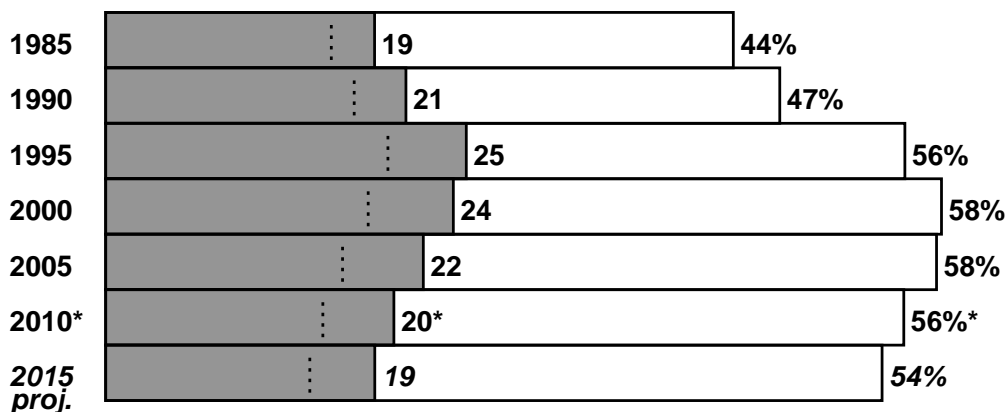
<sup>‡</sup>2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

**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**

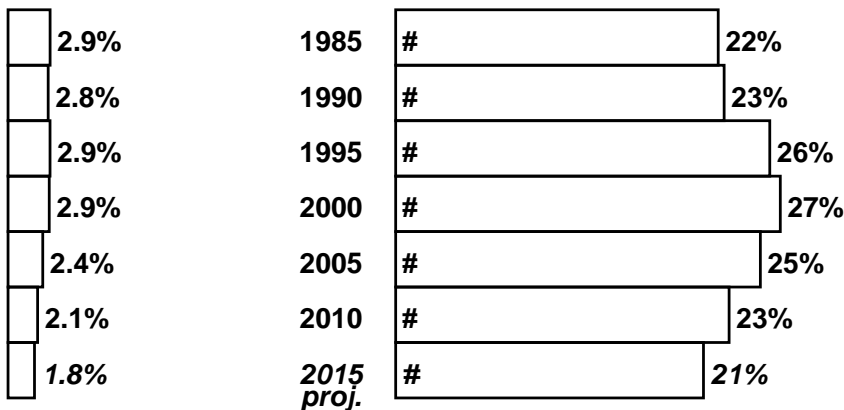


\*eg, at year 2010 male death rates, out of 100 men aged 35, 56 would die before age 70 (with 20 of these deaths attributed to smoking)

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: For smoking-attributed mortality (pages 62–69), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

**FEMALE**



# Real risk too low to estimate reliably

**BELARUS: 1980-2015<sup>‡</sup>**

<sup>‡</sup>2010 mortality involves 2009 rates applied to 2010 population  
and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

**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	– / 3.6	– / 1.2	–
35–69	13 / 39	0.0 / 15	19 years
70+	4.8 / 29	0.0 / 48	7 years
<b>All ages</b>	<b>18 / 72</b>	<b>0.0 / 65</b>	<b>16 years</b>

**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	–/5.1	10/23 <b>(44%)</b>	3.3/20 <b>(17%)</b>	13/48	–/2.4	0.3/14	0.6/36	0.9/53
1995	–/5.8	17/39 <b>(44%)</b>	4.7/22 <b>(21%)</b>	22/67	–/2.0	0.4/19	0.8/44	1.2/65
2005	–/4.9	15/40 <b>(37%)</b>	6.5/29 <b>(23%)</b>	21/74	–/1.5	0.0/17	0.0/47	0.0/66
2015 <i>proj.</i>	–/3.6	13/39 <b>(35%)</b>	4.8/29 <b>(16%)</b>	18/72	–/1.2	0.0/15	0.0/48	0.0/65

**40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 774 / 5090**

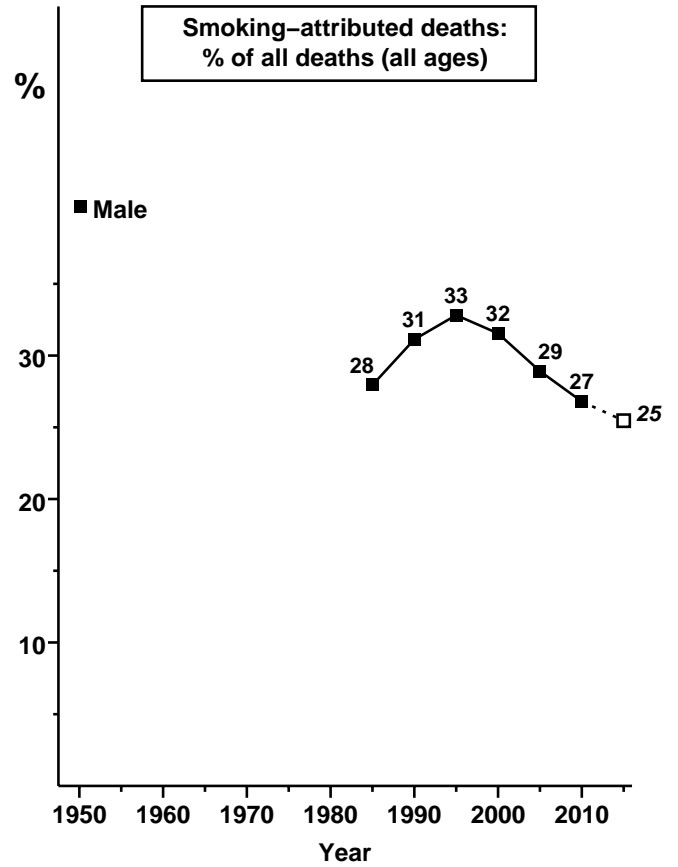
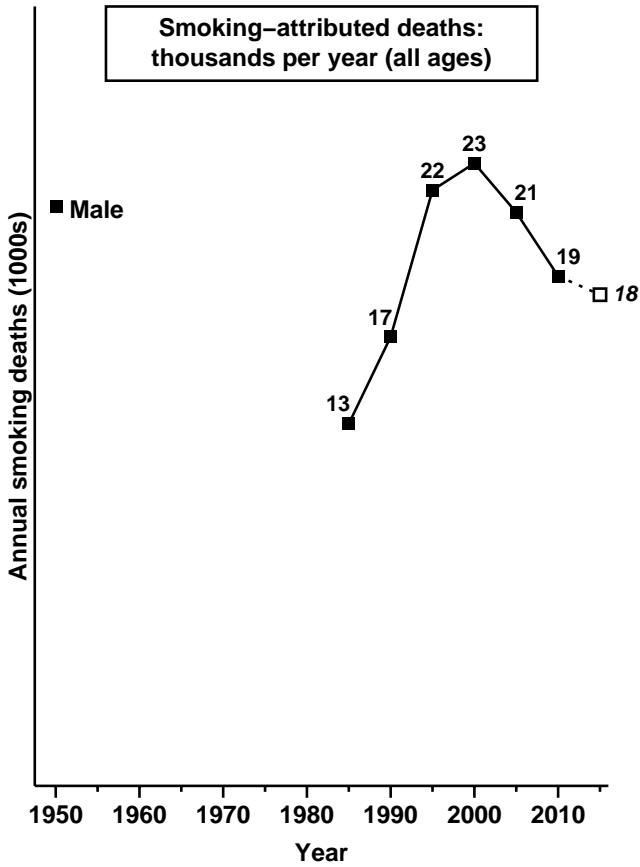
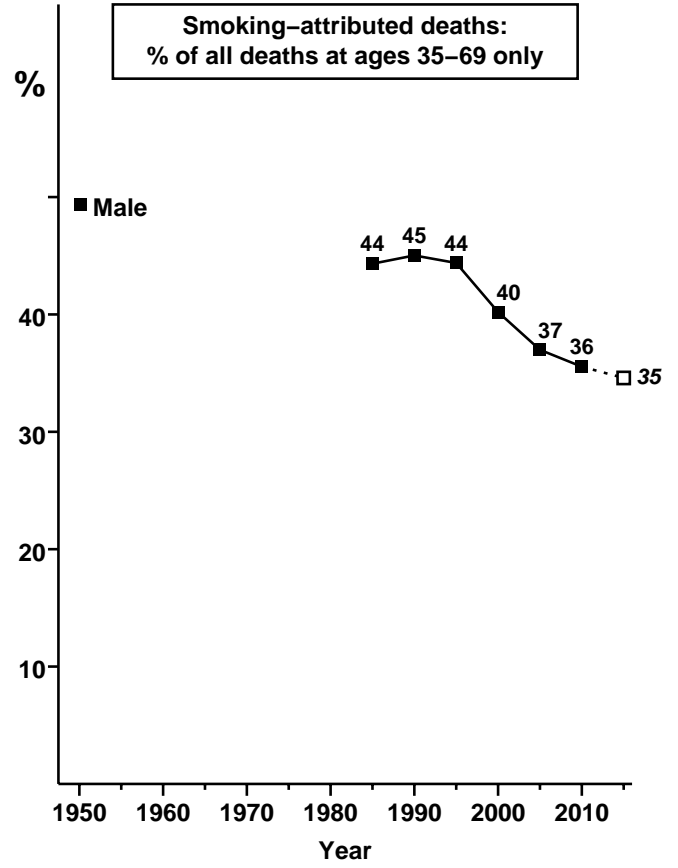
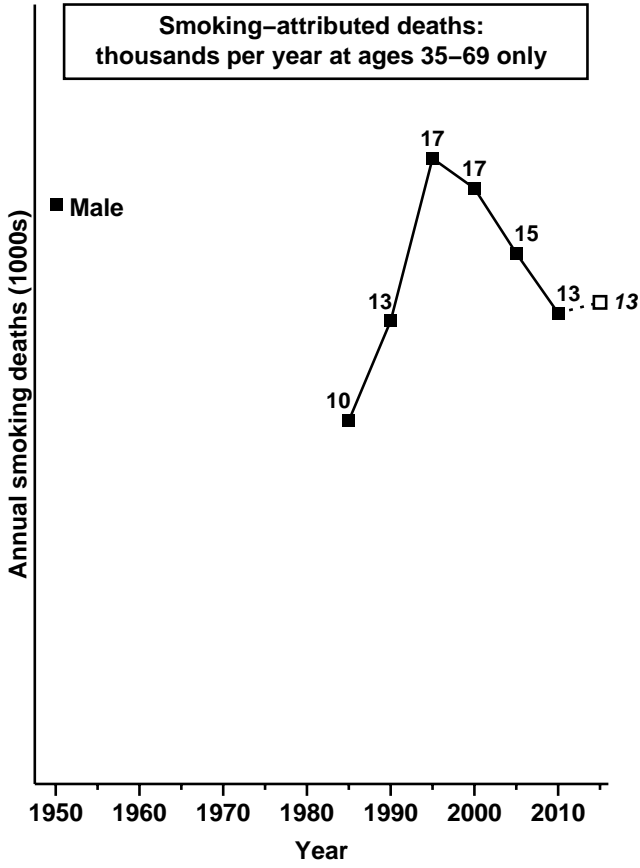
\*Estimated as 10 times the sum of the annual numbers for 1985, 1995, 2005 and 2015

**1980–2020, by age & sex:**

–/193	558/1410 <b>(40%)</b>	194/1008 <b>(19%)</b>	752/2612	–/71	7.2/657 <b>(1%)</b>	14/1750 <b>(0.8%)</b>	21/2478
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1985-2015<sup>‡</sup>: BELARUS

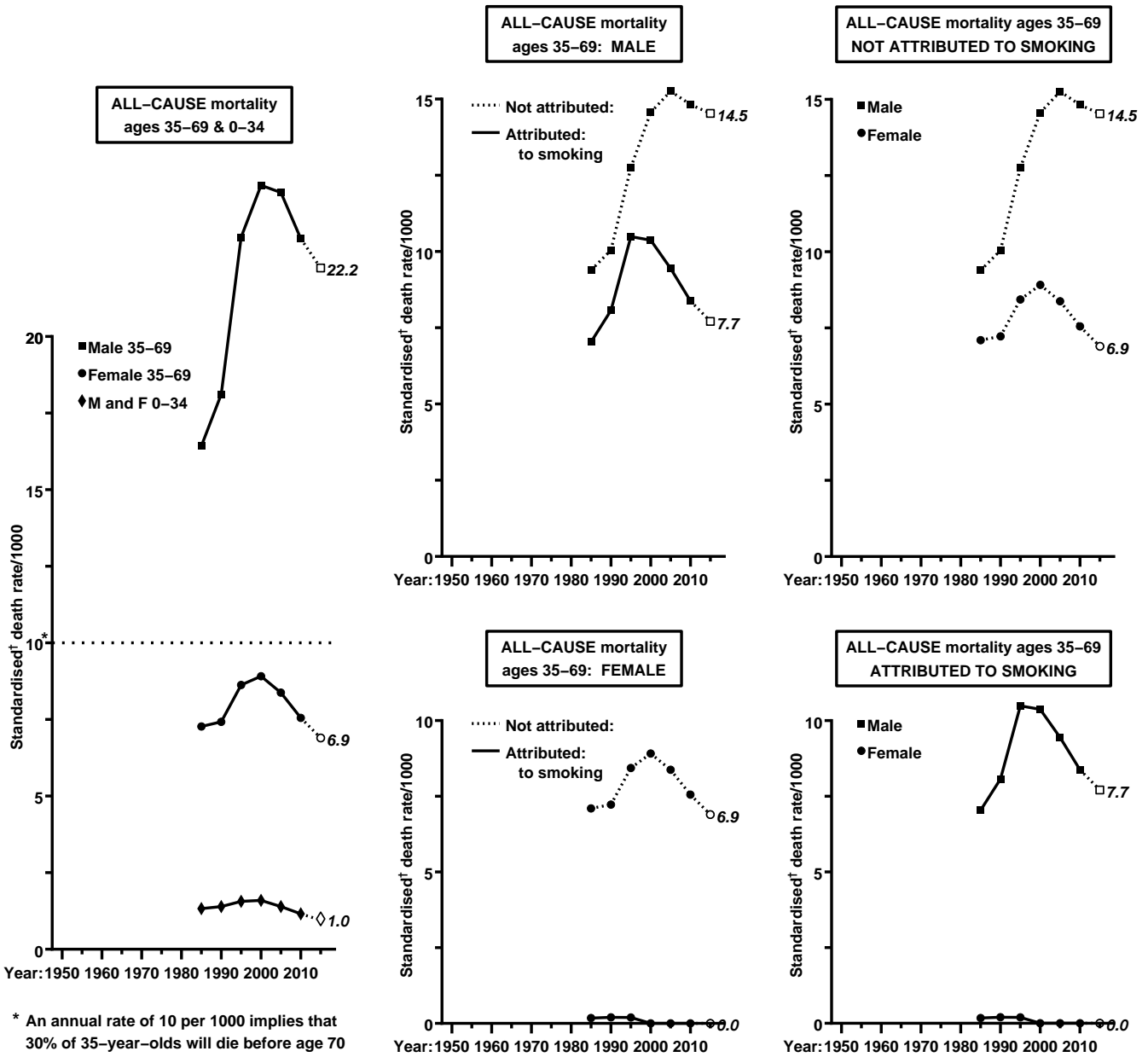
<sup>‡</sup>2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



**BELARUS: 1985-2015†**

‡2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



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

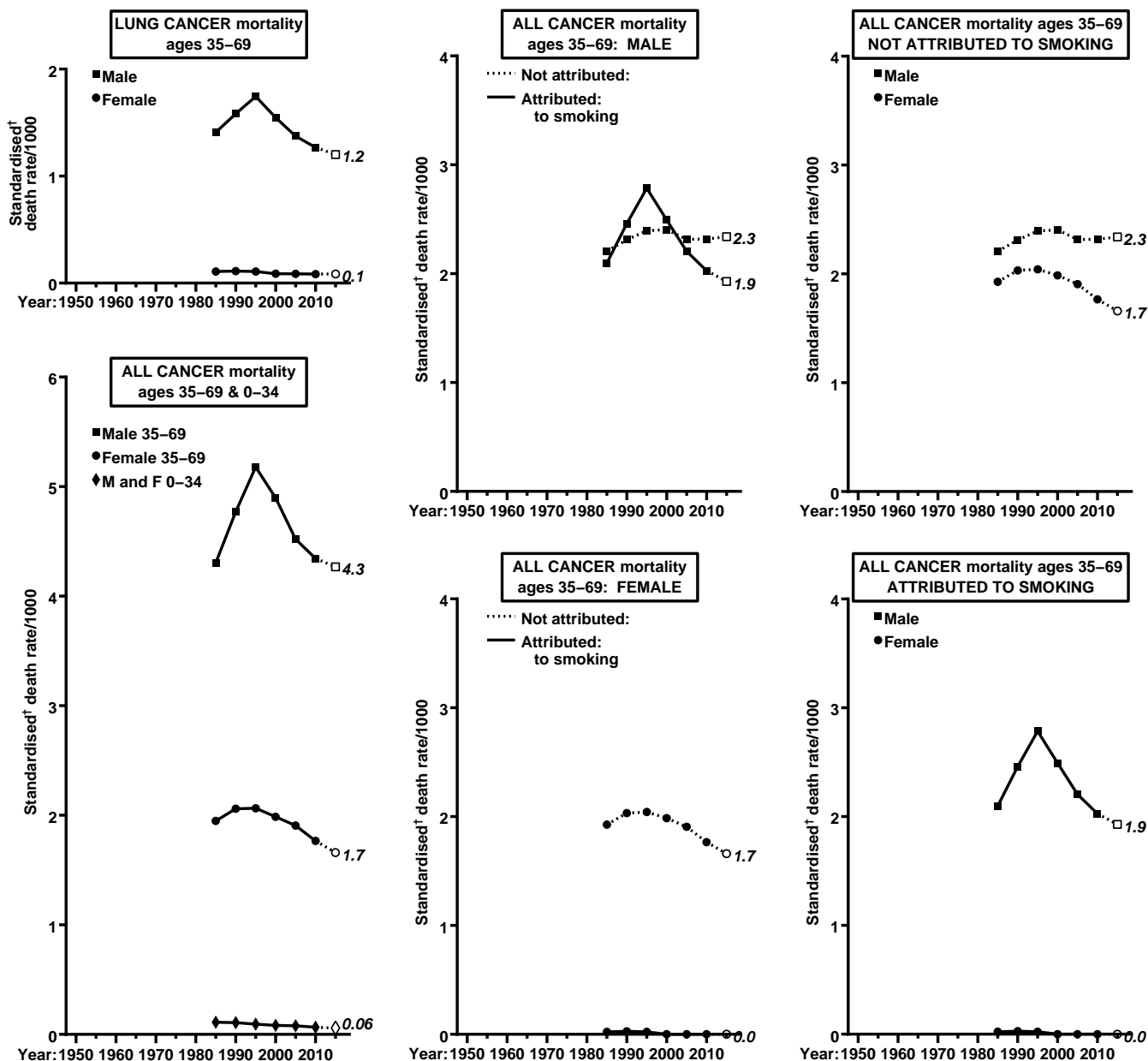
Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)										
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1985	-	1.80	7.04	9.39	14.0	59.2	-	0.85	0.17	7.10	1.05	44.4	-	0.85	0.19	8.43	1.14	49.9
1990	-	1.97	8.07	10.0	17.3	56.1	-	0.81	0.20	7.22	1.04	44.6	-	0.85	0.19	8.43	1.14	49.9
1995	-	2.27	10.5	12.8	20.4	63.9	-	0.85	0.19	8.43	1.14	49.9	-	0.83	0.00	8.91	0.00	51.0
2000	-	2.35	10.4	14.6	23.0	64.7	-	0.83	0.00	8.91	0.00	51.0	-	0.83	0.00	8.91	0.00	51.0
2005	-	2.08	9.44	15.3	22.1	66.5	-	0.70	0.00	8.37	0.00	47.6	-	0.70	0.00	8.37	0.00	47.6
2010	-	1.71	8.37	14.8	18.7	66.4	-	0.59	0.00	7.55	0.00	43.4	-	0.59	0.00	7.55	0.00	43.4
2015	-	1.45	7.71	14.5	16.2	66.3	-	0.53	0.00	6.89	0.00	39.5	-	0.53	0.00	6.89	0.00	39.5

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

1985-2015<sup>†</sup>: BELARUS

<sup>‡</sup>2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

ALL CANCER mortality rates attributed and not attributed to smoking



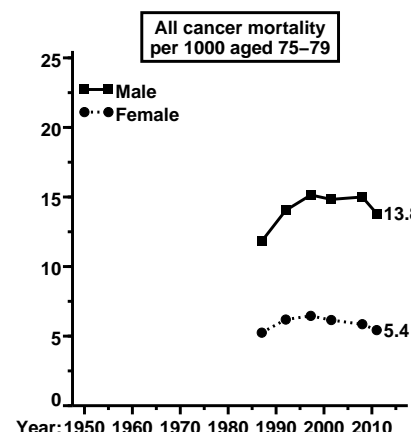
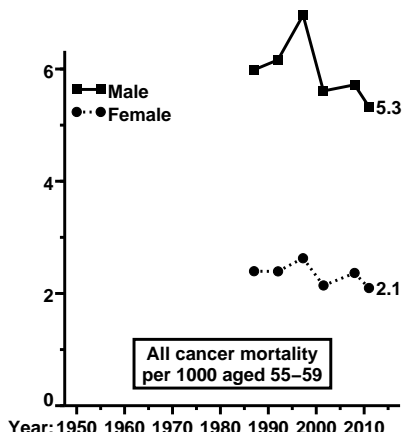
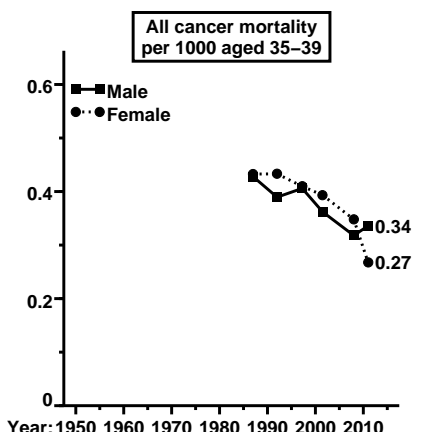
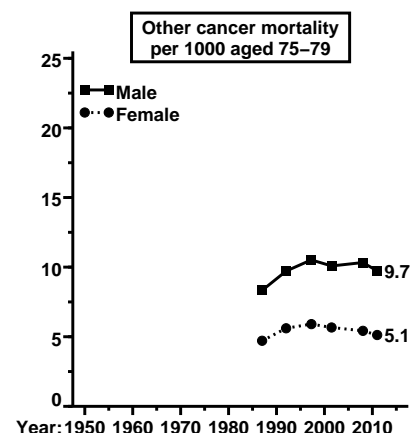
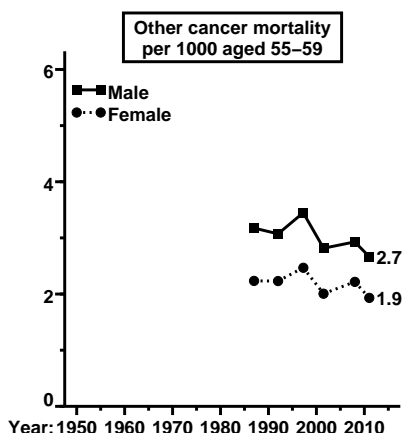
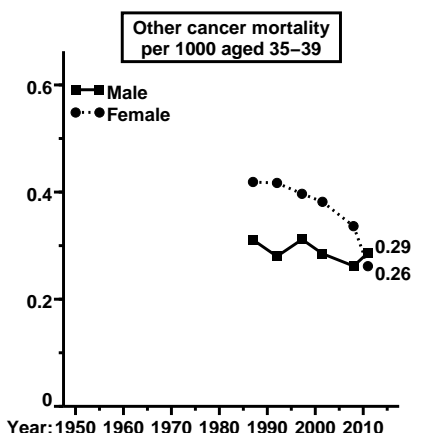
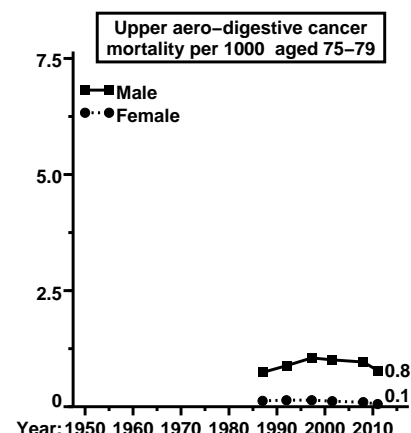
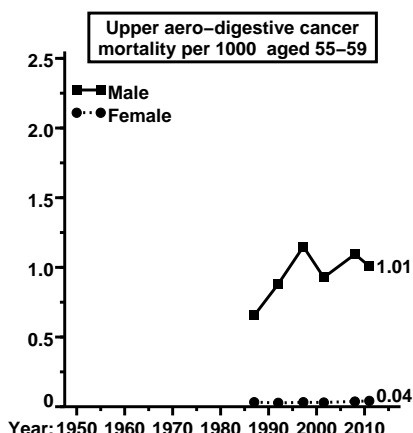
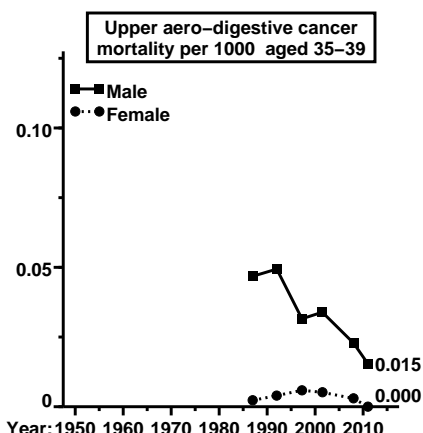
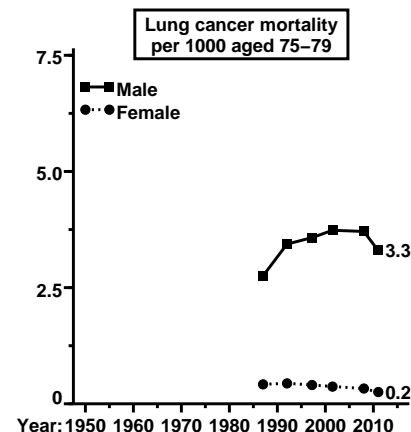
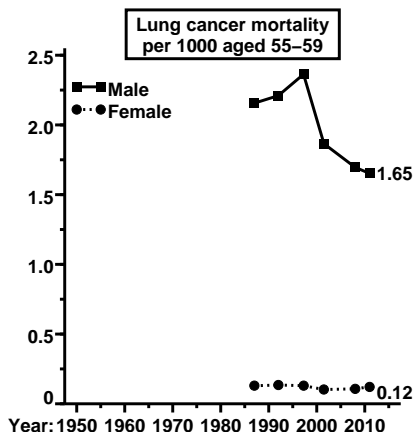
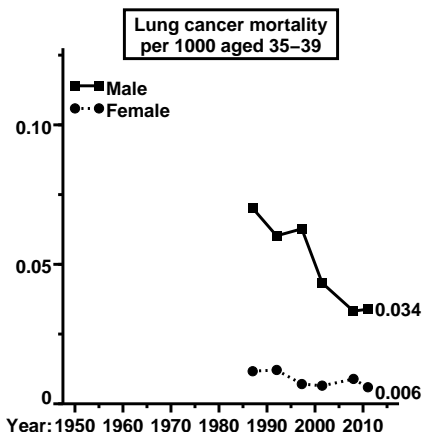
<sup>†</sup> Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.11	2.10	2.21	3.22	7.76	-	0.11	0.02	1.93	0.11	4.91	-	0.11	0.12	5.61
1990	-	0.11	2.46	2.31	4.56	8.75	-	0.10	0.03	2.03	0.12	5.61	-	0.09	0.02	5.94
1995	-	0.10	2.78	2.39	4.95	9.42	-	0.09	0.02	2.04	0.13	5.94	-	0.08	0.00	5.99
2000	-	0.08	2.49	2.40	5.44	9.46	-	0.08	0.00	1.99	0.00	5.99	-	0.07	0.00	5.23
2005	-	0.08	2.20	2.31	5.22	9.19	-	0.07	0.00	1.91	0.00	5.23	-	0.06	0.00	5.27
2010	-	0.06	2.03	2.32	4.61	9.08	-	0.06	0.00	1.77	0.00	5.27	-	0.06	0.00	5.30
2015	-	0.05	1.93	2.34	4.15	8.96	-	0.06	0.00	1.66	0.00	5.30	-	0.06	0.00	5.30

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

**BELARUS: 1985-2011**

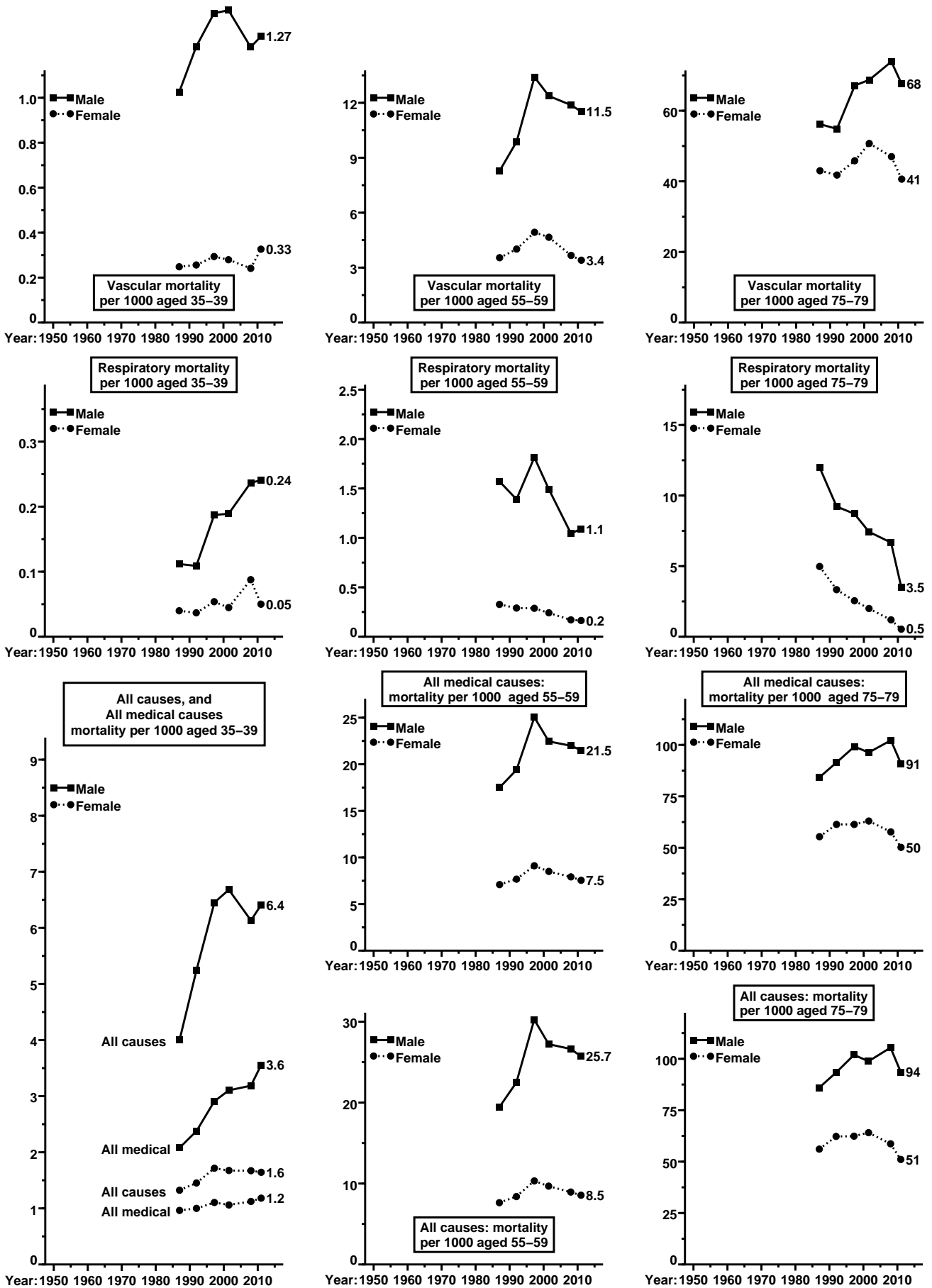
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1985–89,.....,2005–09; then year 2011 separately

1985-2011: BELARUS

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



\* Annual mortality per 1000: averages of years available in 1985-89,.....,2005-09; then year 2011 separately

**BELGIUM: 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	52066	1444	14911	693.0	61.1	698.1	105.1	10.8	14.0	39.6	76.8	89.4	92.3
	F	53086	713	8672	444.5	31.0	391.9	74.0	6.2	8.8	18.1	29.9	38.0	42.3
Tuberculosis	M	28	-	6	0.3	-	0.3	-	-	-	-	-	-	-
	F	29	1	3	0.2	0.0	0.1	-	-	-	-	-	-	0.3
Other infective and parasitic	M	1051	24	274	13.8	1.0	12.8	3.4	0.3	0.7	0.9	0.6	0.6	0.8
	F	1398	18	168	11.0	0.8	7.6	2.3	0.3	-	0.6	0.9	0.3	1.1
ALL CANCER	M	15378	118	5662	211.9	5.0	273.4	2.5	3.3	3.2	4.2	4.2	8.9	8.8
	F	11990	102	4001	127.1	4.3	180.8	1.9	1.4	1.4	1.6	3.9	7.1	12.7
Mouth and pharynx cancer	M	393	2	265	6.1	0.1	12.2	-	-	-	-	-	0.3	0.3
	F	128	1	75	1.7	0.0	3.3	-	-	-	-	-	0.3	-
Oesophagus cancer	M	540	-	274	7.8	-	12.8	-	-	-	-	-	-	-
	F	195	-	67	2.0	-	3.3	-	-	-	-	-	-	-
Stomach cancer	M	421	-	168	5.8	-	8.2	-	-	-	-	-	-	-
	F	302	3	77	2.9	0.1	3.6	-	-	-	-	-	0.6	0.3
Colorectal cancer	M	1583	5	489	21.2	0.2	23.9	-	-	-	-	0.3	0.9	0.3
	F	1361	5	283	12.3	0.2	13.1	-	-	-	-	0.3	0.3	0.8
Liver cancer	M	332	1	149	4.7	0.0	7.4	-	-	-	-	-	0.3	-
	F	200	1	44	1.9	0.0	2.1	-	-	-	-	0.3	-	-
Pancreas cancer	M	796	-	331	11.2	-	16.1	-	-	-	-	-	-	-
	F	806	-	219	8.1	-	10.2	-	-	-	-	-	-	-
Larynx cancer	M	175	-	98	2.6	-	4.5	-	-	-	-	-	-	-
	F	32	-	16	0.4	-	0.7	-	-	-	-	-	-	-
Lung cancer	M	4966	4	2069	70.1	0.2	101.2	-	-	-	-	-	0.3	0.8
	F	1754	2	858	21.7	0.1	38.6	-	-	-	-	-	-	0.6
Malignant melanoma	M	167	5	81	2.5	0.2	3.4	-	-	-	-	-	0.6	0.8
	F	149	8	59	1.8	0.3	2.5	-	-	-	-	0.3	0.9	1.1
Female breast cancer	F	2351	16	983	27.0	0.7	43.2	-	-	-	-	-	0.3	4.2
Cervix cancer	F	163	2	95	2.2	0.1	3.9	-	-	-	-	-	0.3	0.3
Other uterine cancer	F	372	2	109	3.8	0.1	5.1	-	-	-	-	-	0.3	0.3
Ovarian cancer	F	697	4	252	7.6	0.2	11.5	-	-	-	-	-	-	1.1
Prostate cancer	M	1515	-	211	18.3	-	11.1	-	-	-	-	-	-	-
Bladder cancer	M	674	-	148	8.6	-	7.5	-	-	-	-	-	-	-
	F	252	-	39	2.1	-	1.9	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	2579	73	1059	36.7	3.1	49.9	1.9	2.3	2.3	2.7	2.7	4.3	5.7
	F	2224	32	615	22.1	1.4	27.8	0.7	1.0	1.4	0.6	1.8	2.6	1.7
Hodgkin's disease	M	19	-	9	0.3	-	0.4	-	-	-	-	-	-	-
	F	17	3	6	0.2	0.1	0.3	-	-	-	0.3	-	-	0.6
Myeloma and non- Hodgkin lymphomas	M	664	10	180	8.8	0.4	8.6	0.3	-	-	0.3	0.9	1.1	0.3
	F	567	5	104	5.1	0.2	5.1	-	-	-	0.3	0.3	0.3	0.6
Leukaemia	M	554	18	131	7.3	0.8	6.3	0.3	1.0	1.0	1.2	0.3	1.1	0.6
	F	420	18	100	4.1	0.8	4.6	1.3	0.3	-	0.3	0.9	1.4	1.1
Diabetes	M	674	4	174	8.7	0.2	8.5	-	-	-	-	0.3	-	0.8
	F	949	2	104	7.2	0.1	4.9	-	-	-	-	-	0.6	-
ALL VASCULAR DISEASE	M	14681	55	3141	183.9	2.3	150.1	4.0	0.3	0.3	0.9	1.5	4.6	4.5
	F	17509	48	1437	124.8	2.0	67.3	1.6	0.3	1.7	0.6	2.1	2.9	5.1
Rheumatic heart disease and fever	M	73	-	10	0.9	-	0.5	-	-	-	-	-	-	-
	F	208	2	22	1.6	0.1	1.1	-	-	-	-	-	0.3	0.3
Hypertensive disease	M	301	1	58	3.7	0.0	2.7	-	-	-	-	-	-	0.3
	F	678	-	47	4.6	-	2.2	-	-	-	-	-	-	-
Ischaemic heart disease	M	5348	10	1406	68.9	0.4	66.6	-	-	-	-	-	1.4	1.4
	F	3962	5	443	30.2	0.2	21.0	-	-	0.3	-	-	0.3	0.8
Pulmonary embolism and other venous	M	349	3	111	4.7	0.1	5.2	-	-	-	-	-	0.3	0.6
	F	577	4	96	4.8	0.2	4.5	-	-	-	-	0.9	-	0.3
Cerebrovascular disease	M	2882	3	497	35.3	0.1	24.6	-	-	-	-	0.3	0.6	-
	F	4231	10	369	30.7	0.4	17.0	0.3	-	0.3	-	0.3	0.9	1.1
Other vascular disease	M	5728	38	1059	70.5	1.6	50.5	4.0	0.3	0.3	0.9	1.2	2.3	2.3
	F	7853	27	460	52.9	1.2	21.5	1.3	0.3	1.0	0.6	0.9	1.4	2.5
Chronic obstructive pulmonary disease	M	2901	1	569	36.3	0.0	29.1	-	-	-	-	-	-	0.3
	F	1654	3	323	14.4	0.1	15.3	-	0.7	-	-	-	-	0.3
Other respiratory disease	M	3093	11	436	37.1	0.5	21.7	1.5	0.3	-	0.3	-	0.6	0.6
	F	3224	13	199	22.2	0.6	9.4	1.6	-	-	1.2	0.9	-	0.3
Peptic ulcer	M	105	-	28	1.3	-	1.4	-	-	-	-	-	-	-
	F	126	-	15	0.9	-	0.7	-	-	-	-	-	-	-
Liver cirrhosis	M	744	4	557	11.8	0.2	24.0	-	-	-	-	-	0.6	0.6
	F	415	2	271	5.8	0.1	11.5	-	-	-	-	-	0.3	0.3
Renal disease	M	690	2	74	8.1	0.1	3.7	0.3	-	-	-	0.3	-	-
	F	940	1	54	6.5	0.1	2.6	-	-	0.3	-	-	-	-
Pregnancy, birth Congenital and perinatal causes	F	8	5	3	0.2	0.2	0.1	-	-	-	-	0.3	0.6	0.6
	M	260	211	37	5.9	9.3	1.5	60.1	1.0	1.0	1.5	0.6	0.6	0.3
	F	206	144	52	4.6	6.6	2.1	41.7	0.7	1.0	0.9	1.2	0.6	0.3
Ill-defined causes	M	2236	113	822	31.4	4.8	36.6	13.2	0.7	1.3	2.7	1.2	6.6	7.9
	F	2777	46	403	22.2	2.0	18.4	6.1	-	0.3	0.3	3.0	3.1	1.1
Other medical causes	M	6252	116	1263	78.7	5.0	58.6	11.1	1.3	2.3	2.7	4.2	6.6	6.5
	F	9183	85	829	67.6	3.8	38.1	11.9	1.4	2.0	2.2	1.8	2.6	4.5
ALL NON- MEDICAL CAUSES	M	3973	785	1868	63.7	32.8	76.5	8.9	3.6	5.2	26.4	64.0	60.3	61.1
	F	2678	243	810	29.7	10.3	33.1	6.8	1.4	2.0	10.6	15.7	20.0	15.8
Road traffic accidents	M	632	293	260	11.5	12.3	10.5	1.2	1.3	1.6	10.5	32.6	19.0	19.5
	F	205	78	75	3.4	3.3	3.1	1.3	1.0	0.7	4.1	6.6	6.3	3.4
Fire	M	45	6	26	0.7	0.3	1.1	-	0.3	-	-	0.6	0.9	-
	F	38	6	15	0.5	0.2	0.6	0.3	-	-	-	0.6	0.9	-
Suicide	M	1449	288	904	24.6	12.0	35.8	-	-	2.3	8.4	20.8	25.9	26.3
	F	562	84	378	9.2	3.5	15.1	-	-	0.7	3.8	6.0	7.7	6.5
POPULATION:			<b>M=male</b>		5355.8	2308.7	2476.8	324.6	305.5	308.1	333.2	337.3	346.8	353.3
(1000s; UN, 2015 revision)			<b>F=female</b>		5574.2	2251.5	2480.8	309.6	291.3	295.1	319.8	331.1	350.0	354.5



## 2010: BELGIUM

## 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			
125.3	171.0	290.7	486.3	782.1	1202.0	1829.6	2819.8	4661.4	11439.5	M	ALL CAUSES	001-999/A00-Y89
69.0	109.0	180.2	300.1	430.3	652.5	1002.4	1490.0	2670.6	9290.0	F		
0.3	-	0.2	-	0.3	0.6	0.5	1.5	2.9	7.4	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	0.2	-	0.3	-	0.4	0.8	2.1	5.0	F		
1.6	3.5	5.5	7.7	15.3	23.6	32.3	56.2	92.8	249.7	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
1.4	2.3	4.6	3.6	7.2	15.4	18.6	37.1	76.7	258.7	F	and parasitic	
17.0	27.7	75.0	178.4	304.2	513.0	798.4	1117.2	1496.9	2463.1	M	ALL CANCER	140-208/C00-C97
23.1	44.0	71.6	145.0	218.2	311.8	452.1	576.5	765.7	1287.7	F		
0.3	0.7	6.9	12.9	13.9	22.1	28.3	22.0	18.2	25.8	M	Mouth and	140-149/C00-C14
0.3	0.5	1.9	3.1	6.3	4.2	6.6	4.5	5.1	8.0	F	pharynx cancer	
0.3	1.2	4.3	10.3	13.6	29.5	30.5	40.6	44.4	55.2	M	Oesophagus cancer	150/C15
-	-	0.7	2.3	2.3	5.1	12.4	10.3	10.2	21.7	F		
0.8	0.5	3.8	4.1	8.1	14.3	25.6	24.9	39.3	69.9	M	Stomach cancer	151/C16
0.3	1.3	1.2	3.1	3.1	3.6	12.8	12.4	17.4	41.5	F		
1.6	1.2	5.5	15.0	25.5	45.7	72.7	119.3	156.0	300.2	M	Colorectal cancer	153, 154/C18-C21
0.8	1.5	3.9	7.5	19.2	22.7	35.9	55.3	92.8	197.9	F		
0.5	0.2	0.7	3.9	7.2	16.2	22.9	24.5	34.7	37.3	M	Liver cancer	155.0/C22 excl C221
0.8	0.2	0.2	1.3	2.0	2.7	7.4	13.2	15.7	23.6	F		
1.1	0.7	5.0	11.6	15.6	29.9	48.4	56.2	93.4	97.8	M	Pancreas cancer	157/C25
0.3	1.3	2.7	7.2	10.9	19.4	29.7	49.5	67.8	84.4	F		
-	0.2	1.4	4.4	6.4	9.6	9.4	11.7	11.4	17.4	M	Larynx cancer	161/C32
-	0.2	0.5	0.5	1.1	1.5	0.8	2.5	1.7	1.6	F		
0.8	8.9	21.8	61.9	114.6	189.3	311.3	412.3	484.5	630.4	M	Lung cancer	162/C33, C34
3.0	5.6	13.2	35.6	52.8	69.5	90.4	105.2	99.2	111.3	F		
2.4	2.2	2.6	2.1	4.6	5.6	4.5	9.8	14.8	18.4	M	Malignant melanoma	172/C43
0.8	1.8	1.9	2.3	2.6	3.9	4.1	6.6	8.1	12.9	F		
8.2	12.2	21.7	37.7	57.3	78.3	87.1	113.1	135.7	208.4	F	Female breast cancer	174/C50
1.6	3.8	3.4	4.6	4.6	3.3	6.2	6.6	7.2	9.1	F	Cervix cancer	180/C53
1.1	1.3	1.5	3.1	3.7	9.7	15.3	19.8	25.4	42.1	F	Other uterine cancer	179, 182/C54, C55
0.8	2.8	4.1	8.0	12.9	21.5	30.6	32.6	51.7	66.0	F	Ovarian cancer	183/C56, C570-C574
-	-	-	2.8	10.7	19.9	44.4	90.5	157.7	442.7	M	Prostate cancer	185/C61
-	0.5	1.2	2.6	8.1	14.3	25.6	44.5	74.6	159.8	M	Bladder cancer	188/C67
-	-	0.5	1.6	1.7	2.4	7.0	11.1	15.3	41.2	F		
7.2	9.1	16.5	37.1	58.2	89.5	131.4	177.1	224.9	362.8	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
3.8	9.7	11.7	20.4	29.8	48.7	70.6	95.3	136.9	281.2	F	cancer sites	
-	-	0.2	0.8	0.3	0.6	0.9	0.5	2.3	2.6	M	Hodgkin's disease	201/C81
-	-	0.2	0.3	-	0.3	1.2	-	1.7	1.1	F		
1.1	0.7	3.1	4.9	10.4	15.9	24.2	45.5	75.2	130.9	M	Myeloma and non-	200, 202-203/ C82-C90, C96
0.3	0.5	1.0	2.8	2.6	8.8	19.8	26.0	45.4	79.2	F	Hodgkin lymphomas	
1.1	1.2	1.7	4.1	7.0	10.6	18.4	37.7	65.5	112.0	M	Leukaemia	204-208/C91-C95
1.1	1.3	1.2	3.6	5.2	6.0	14.0	12.4	28.4	56.4	F		
1.1	1.7	1.9	5.4	7.2	15.2	26.9	41.1	71.2	150.9	M	Diabetes	250/E10-E14
0.8	0.8	2.2	1.6	4.9	8.5	15.7	21.5	68.7	172.9	F		
15.1	24.5	49.3	99.8	167.9	267.7	426.6	727.3	1360.8	3999.8	M	ALL VASCULAR	390-459/I00-I99
7.1	15.5	24.4	41.8	61.6	109.2	211.4	376.3	795.4	3638.9	F	DISEASE	
-	-	-	0.3	0.6	1.2	1.4	4.9	4.5	23.7	M	Rheumatic heart	390-398/I00-I09
-	0.2	0.2	0.3	0.6	1.5	5.0	7.8	13.6	36.6	F	disease and fever	
0.5	1.0	1.2	1.6	2.9	4.7	7.2	10.8	25.1	92.5	M	Hypertensive disease	401-405/I10-I15
0.5	0.5	0.7	1.0	3.1	3.0	6.2	13.6	19.5	151.8	F		
5.3	9.9	22.8	49.5	77.0	122.2	179.4	303.3	510.7	1269.7	M	Ischaemic heart	410-414/I20-I25
1.6	4.8	8.8	11.3	13.5	36.6	70.2	118.0	214.1	748.6	F	disease	
0.5	1.5	2.2	3.1	7.2	7.8	14.3	20.5	38.1	66.2	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
1.9	0.8	1.9	2.3	4.6	5.1	14.9	15.7	30.9	100.6	F	and other venous	
2.7	4.0	5.5	12.9	24.0	41.0	82.1	138.9	301.8	824.4	M	Cerebrovascular	430-438/I60-I69
0.8	4.8	5.6	12.4	16.3	31.1	47.9	98.6	218.8	851.4	F	disease	
6.1	8.2	17.7	32.5	56.1	90.8	142.2	249.0	480.6	1723.4	M	Other vascular	Rest of 390-459/ rest of I00-I99
2.2	4.3	7.1	14.4	23.5	31.8	67.3	122.5	298.5	1749.9	F	disease	
0.5	2.2	2.4	11.9	28.6	51.9	105.9	179.5	338.2	720.3	M	Chronic obstructive	490-496/ J40-J47, J67
1.1	1.3	1.9	8.5	17.2	30.2	46.6	59.4	107.3	255.9	F	pulmonary disease	
1.6	2.7	6.2	8.2	17.1	43.8	72.2	136.0	272.2	993.6	M	Other respiratory	Rest of 460-519/ rest of J00-J98
0.8	2.8	1.9	4.6	10.9	13.9	31.0	65.2	137.4	695.6	F	disease	
-	-	0.5	0.8	2.3	1.2	4.9	3.4	11.4	26.3	M	Peptic ulcer	531-533/K25-K27
0.3	0.2	0.2	0.3	0.9	1.2	1.6	2.1	3.8	26.7	F		
1.1	7.4	15.6	26.3	40.5	44.8	32.3	34.2	32.5	29.4	M	Liver cirrhosis	571/K70, K74
1.6	4.3	10.2	11.1	18.1	17.2	17.8	14.8	18.6	17.1	F		
0.5	0.2	1.0	2.3	2.9	5.9	13.0	24.0	60.9	240.8	M	Renal disease	580-590/N00-N19
-	0.5	0.7	1.8	1.7	4.5	8.7	23.1	41.1	201.2	F		
0.5	0.2	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/A34,000-099
0.5	0.7	1.2	1.6	2.9	2.5	1.4	2.0	2.3	2.1	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.3	1.8	1.9	3.1	2.3	3.9	1.2	0.8	0.8	1.6	F	perinatal causes	
9.0	12.6	20.4	35.3	42.5	65.3	70.9	104.7	160.0	423.7	M	Ill-defined causes	780-799/R00-R99
6.2	3.1	7.8	14.4	16.1	31.1	50.0	54.0	101.8	538.0	F		
7.2	18.3	30.6	41.3	66.3	95.8	151.2	278.8	594.4	1713.4	M	Other medical causes	Rest of 001-799/ rest of A00-R99
4.3	8.7	20.0	24.8	34.7	65.9	108.2	194.3	455.8	1848.3	F		
69.8	69.5	80.9	67.3	83.9	70.6	93.3	114.0	165.1	419.0	M	ALL NON-	E800-E999/V01-Y89
21.5	23.4	32.4	39.5	36.4	39.6	39.2	64.0	95.4	342.3	F	MEDICAL CAUSES	
13.3	11.1	11.2	10.3	8.1	7.5	11.7	8.8	17.1	16.3	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
3.3	2.5	1.9	4.4	2.3	3.3	3.7	7.0	5.9	5.8	F	accidents	
0.5	0.7	0.5	1.0	2.3	0.9	1.8	2.0	1.7	3.1	M	Fire	E890-E899/X00-X09
-	0.8	0.5	0.8	0.3	1.2	0.8	1.2	1.3	3.0	F		
38.2	39.5	44.5	34.0	33.9	31.1	29.2	36.2	42.1	57.3	M	Suicide	E950-E959/X60-X84
11.4	13.0	17.3	20.4	16.9	12.7	14.0	15.3	10.6	10.4	F		
376.6	404.6	417.6	387.8	345.5	321.6	222.9	204.4	175.6	190.2	M	POPULATION	
368.2	392.8	410.5	387.6	348.8	330.7	242.2	242.3	235.9	363.7	F	(1000s; UN, 2015 revision)	

**BELGIUM: 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	– / 1.4	– / 0.7	–
35–69	5.2 / 15	1.8 / 8.6	<b>23 years</b>
70+	8.9 / 36	3.2 / 44	7 years
<b>All ages</b>	<b>14 / 52</b>	<b>5.1 / 53</b>	<b>13 years</b>

**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	1.9/2.1	2.5/2.8	4.4/4.9	–/0.0	0.7/0.9	0.5/0.8	1.2/1.7
All Cancer	–/0.1	2.7/5.7 (47%)	3.6/9.5 (38%)	6.2/15	–/0.1	0.8/4.1 (20%)	0.7/7.8 (9%)	1.5/12
Vascular	–/0.1	1.3/3.2	2.2/11	3.5/15	–/0.0	0.4/1.4	1.1/16	1.5/17
Respiratory	–/0.0	0.6/1.0	2.2/5.0	2.8/6.0	–/0.0	0.3/0.5	0.9/4.5	1.2/5.1
All Other	–/1.2	0.7/5.2	0.9/9.7	1.6/16	–/0.6	0.3/2.6	0.5/16	0.8/19
All Causes	–/1.4	5.2/15 (35%)	8.9/36 (25%)	14/52	–/0.7	1.8/8.6 (21%)	3.2/44 (7%)	5.1/53

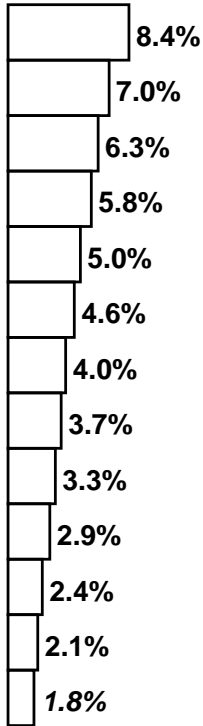
**Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010**

Cause	Male	Female	Male + Female
All Cancer	6.2 / 15 (41%)	1.5 / 12 (13%)	7.8 / 27 (29%)
All Causes	14 / 52 (27%)	5.1 / 53 (10%)	19 / 105 (18%)

1955-2015<sup>‡</sup>: BELGIUM

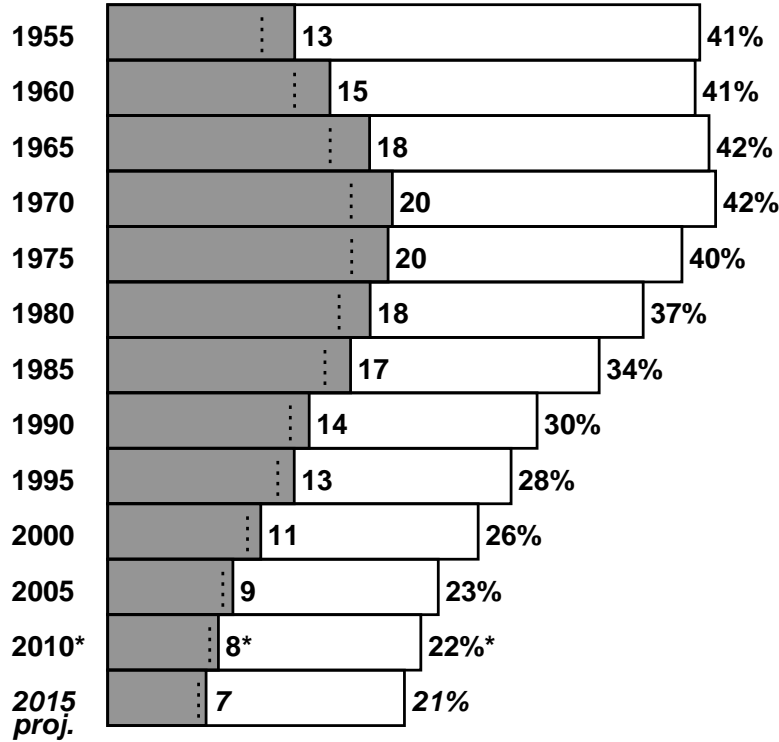
<sup>‡</sup>2000 mortality involves 1999 rates applied to 2000 population

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)

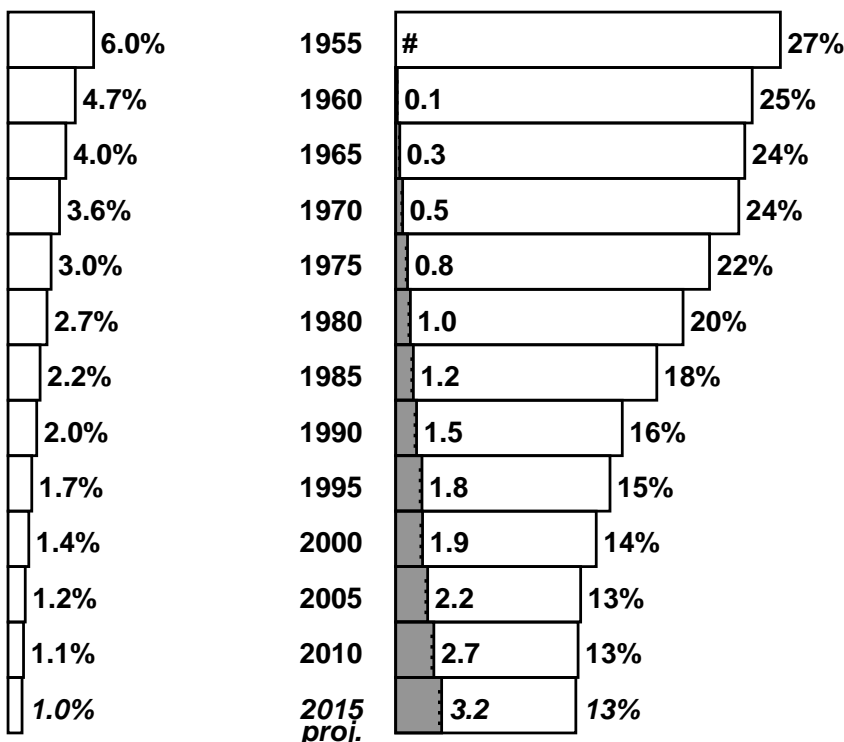
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 22 would die before age 70 (with 8 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



# Real risk too low to estimate reliably

**BELGIUM: 1950-2015<sup>†</sup>**<sup>†</sup>2000 mortality involves 1999 rates applied to 2000 population**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	– / 1.3	– / 0.7	–
35–69	5.2 / 16	2.4 / 9.4	<b>23 years</b>
70+	7.7 / 34	3.1 / 42	7 years
<b>All ages</b>	<b>13 / 52</b>	<b>5.5 / 52</b>	<b>14 years</b>

**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	–/6.0	7.9/24 (33%)	2.0/28 (7%)	9.8/57	–/4.1	0.0/16	0.0/31	0.0/50
1965	–/4.6	12/26 (44%)	5.2/30 (17%)	17/61	–/2.9	0.2/15 (1%)	0.1/35 (0.4%)	0.3/53
1975	–/3.6	12/24 (49%)	10/34 (29%)	22/62	–/2.0	0.5/13 (4%)	0.6/40 (2%)	1.1/55
1985	–/2.9	9.7/20 (49%)	12/34 (35%)	22/57	–/1.5	0.7/11 (7%)	1.0/42 (2%)	1.7/54
1995	–/2.3	8.0/18 (45%)	11/33 (34%)	19/53	–/1.1	1.1/9.4 (12%)	2.1/41 (5%)	3.3/52
2005	–/1.6	5.6/15 (37%)	9.7/34 (29%)	15/51	–/0.8	1.4/8.3 (17%)	3.2/43 (7%)	4.6/52
2015 proj.	–/1.3	5.2/16 (33%)	7.7/34 (22%)	13/52	–/0.7	2.4/9.4 (25%)	3.1/42 (8%)	5.5/52

**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 1240 / 6531**

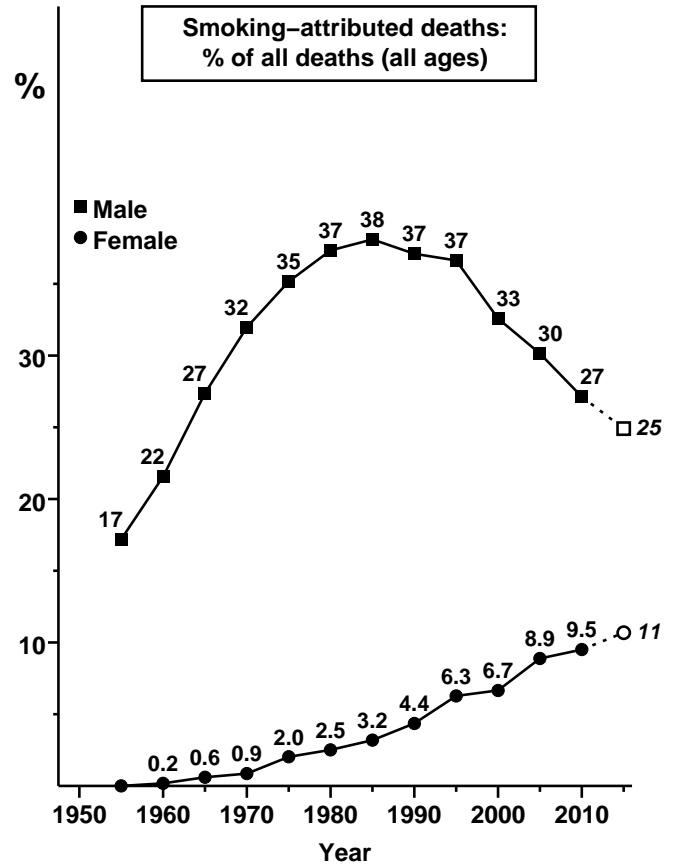
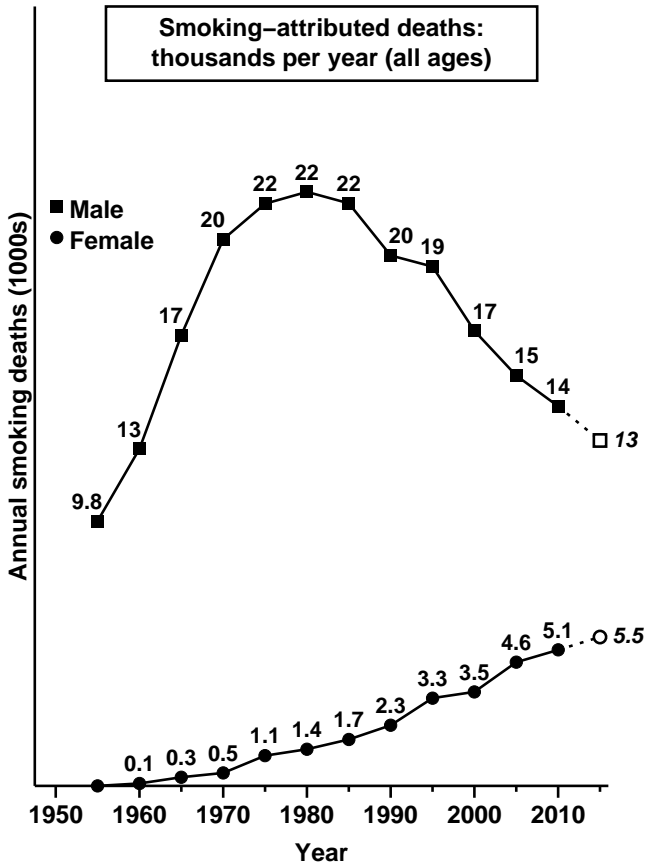
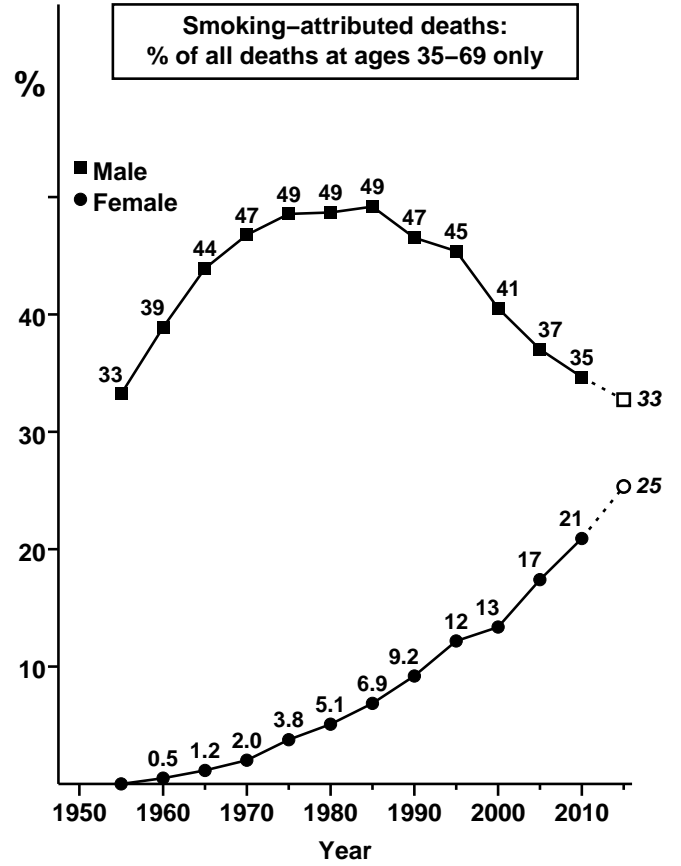
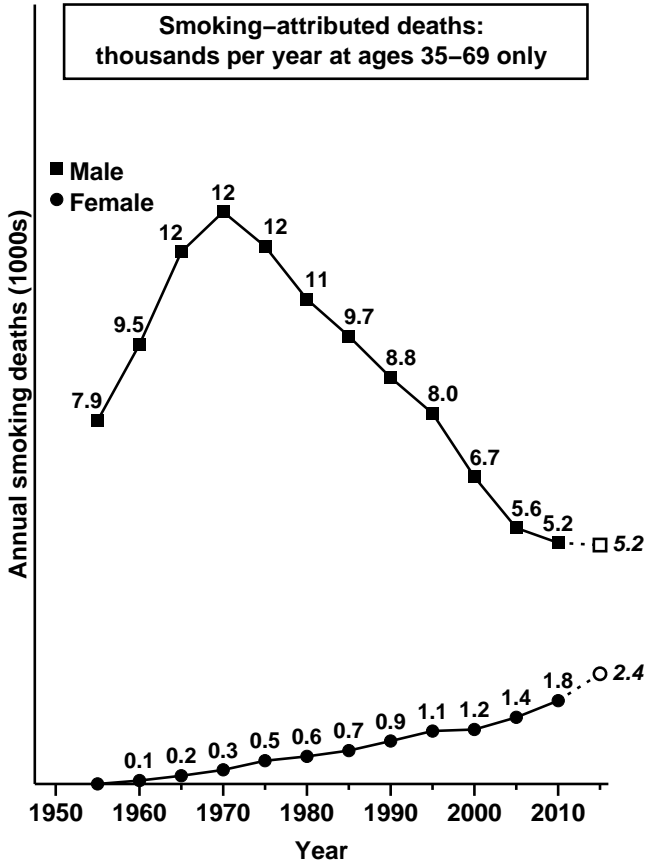
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/164	517/1186 (44%)	558/1996 (28%)	1075/3346	–/89	64/665 (10%)	102/2431 (4%)	166/3185
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1955-2015<sup>‡</sup>: BELGIUM

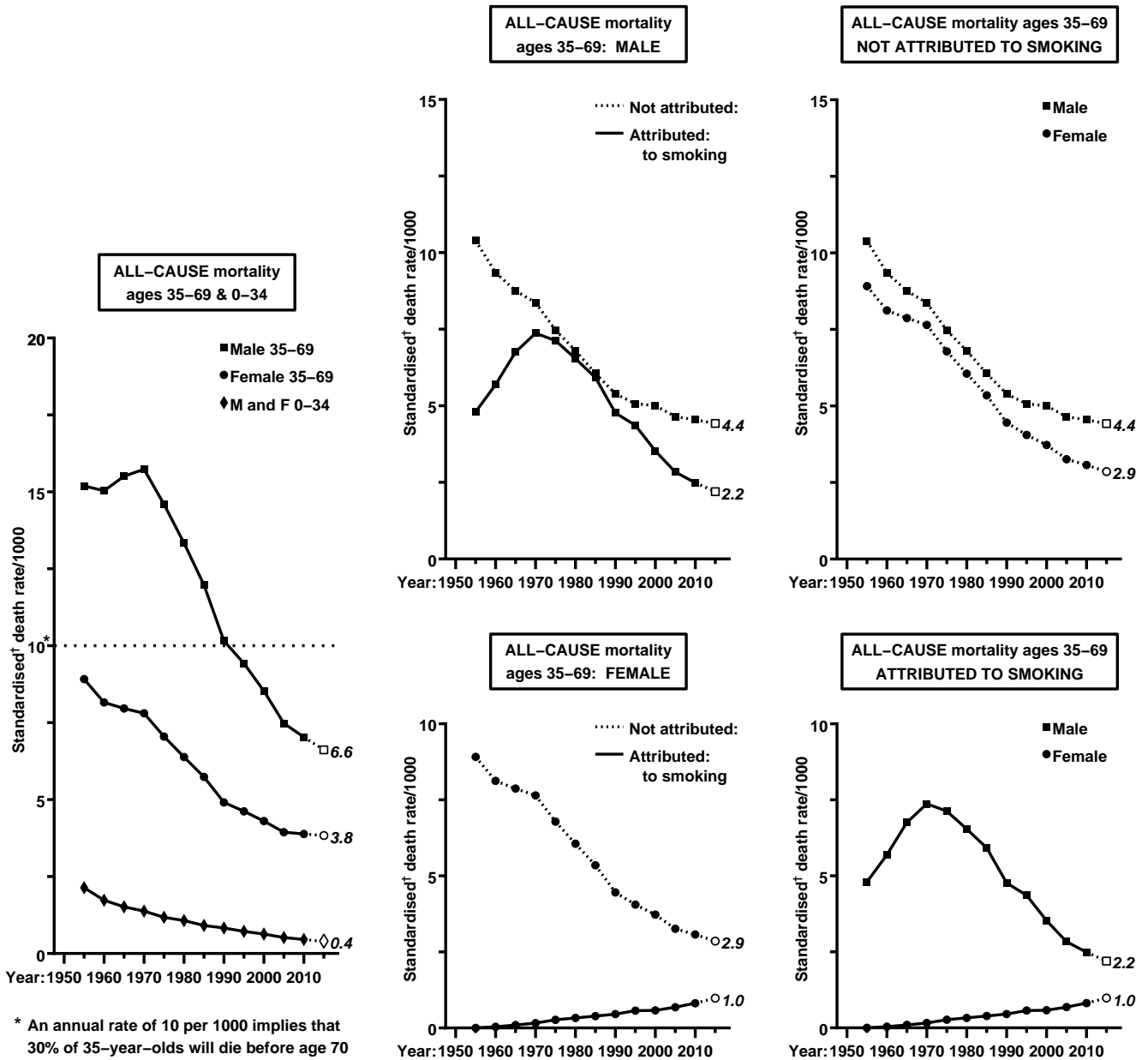
<sup>‡</sup>2000 mortality involves 1999 rates applied to 2000 population



**BELGIUM: 1955-2015<sup>†</sup>**

<sup>‡</sup>2000 mortality involves 1999 rates applied to 2000 population

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

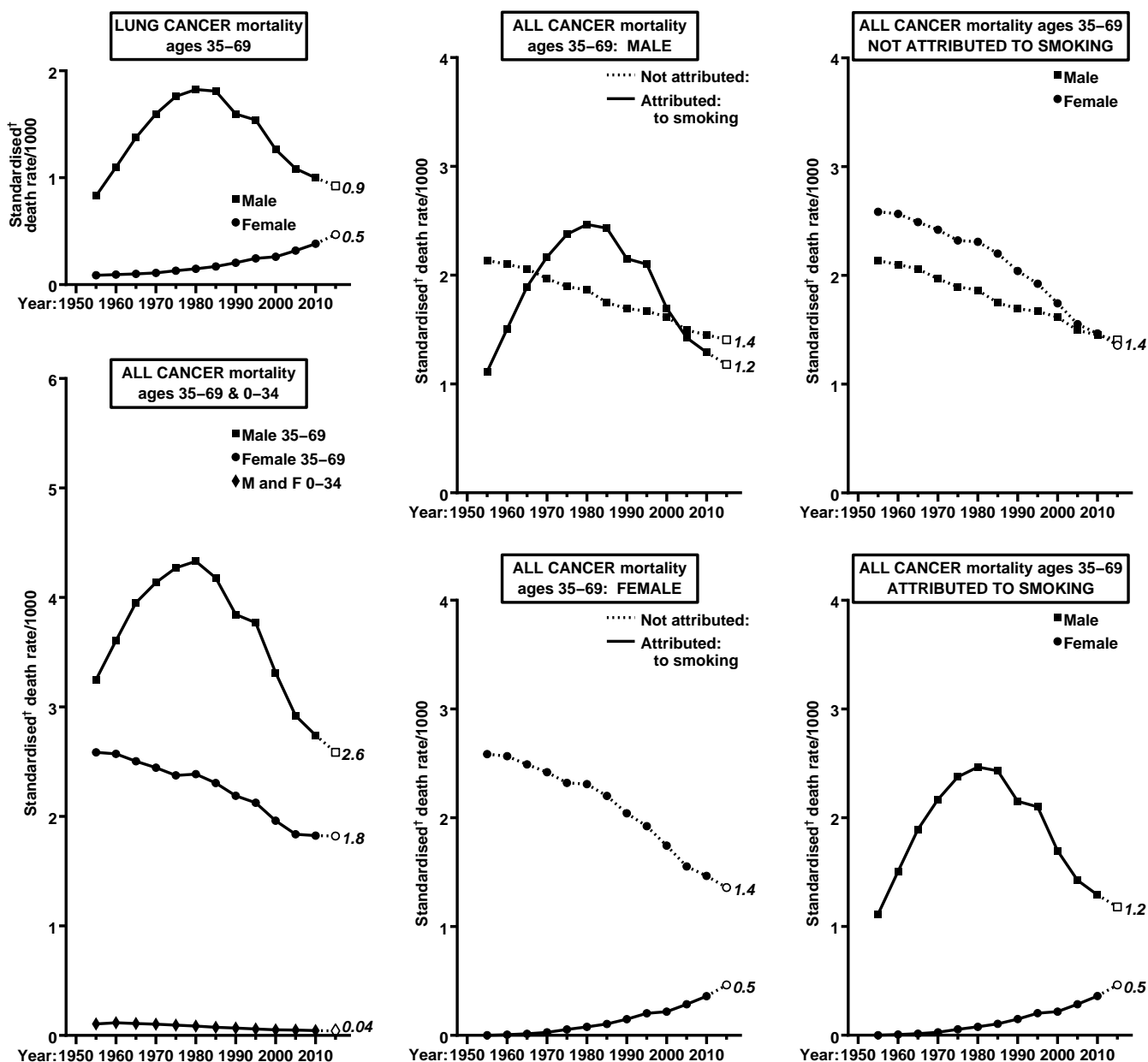
Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)										
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	2.51	4.80	10.4	6.51	71.6	-	1.76	0.00	8.91	0.00	60.3	-	1.37	0.04	8.12	0.05	56.9
1960	-	2.09	5.69	9.35	9.57	67.2	-	1.17	0.09	7.87	0.26	54.5	-	1.04	0.16	7.64	0.31	53.0
1965	-	1.85	6.75	8.75	15.8	63.4	-	0.87	0.27	6.78	0.96	47.5	-	0.79	0.33	6.05	0.99	41.4
1970	-	1.71	7.37	8.37	22.3	60.2	-	0.65	0.39	5.35	1.22	36.9	-	0.58	0.45	4.46	1.53	31.7
1975	-	1.48	7.13	7.47	25.7	53.4	-	0.48	0.57	4.05	1.88	27.3	-	0.42	0.58	3.72	1.88	23.9
1980	-	1.35	6.54	6.80	27.0	43.5	-	0.34	0.68	3.26	2.22	21.4	-	0.31	0.81	3.07	2.27	18.6
1985	-	1.17	5.92	6.06	24.4	38.7	-	0.28	0.81	3.07	2.27	18.6	-	0.28	0.98	2.85	2.36	16.1
1988	-	1.08	4.76	5.39	21.4	35.0	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
1990	-	0.96	4.36	5.07	16.9	32.1	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
1995	-	0.84	3.52	5.00	13.9	29.2	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
2000	-	0.69	2.83	4.65	10.9	26.4	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
2005	-	0.60	2.49	4.54	8.56	23.6	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
2010	-	0.52	2.19	4.42	8.56	23.6	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1
2015	-	0.52	2.19	4.42	8.56	23.6	-	0.28	0.98	2.85	2.36	16.1	-	0.28	0.98	2.85	2.36	16.1

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

1955-2015<sup>†</sup>: BELGIUM

<sup>‡</sup>2000 mortality involves 1999 rates applied to 2000 population

ALL CANCER mortality rates attributed and not attributed to smoking



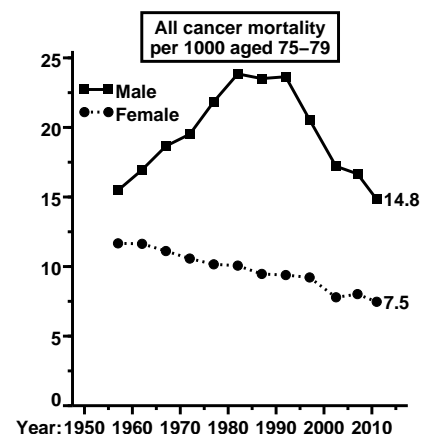
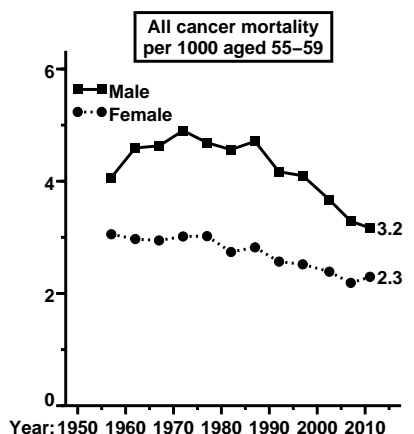
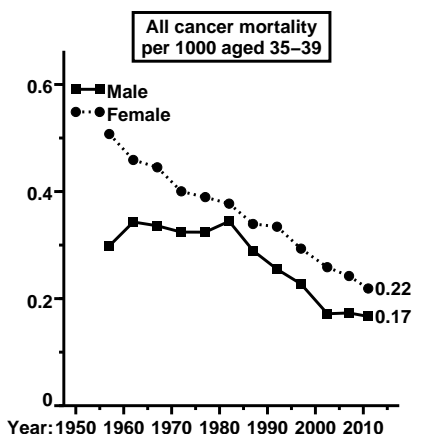
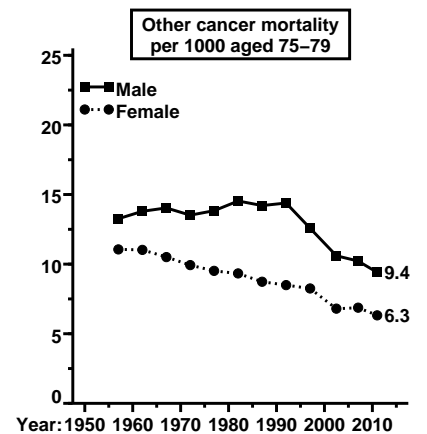
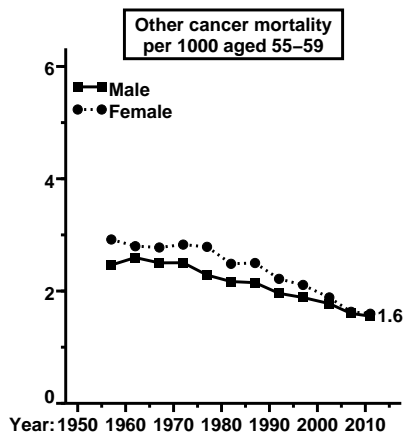
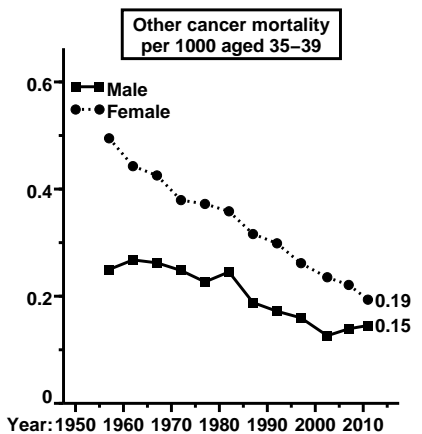
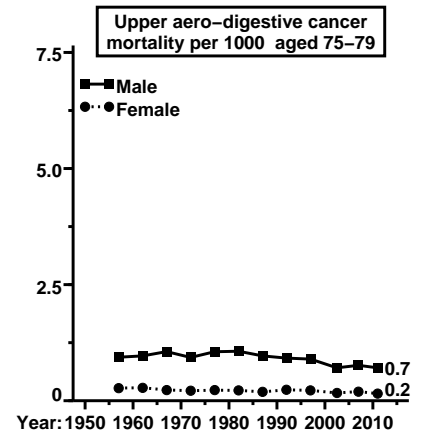
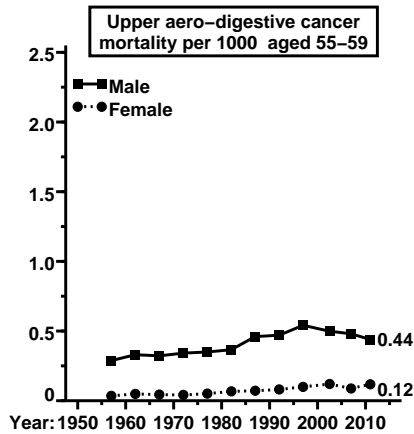
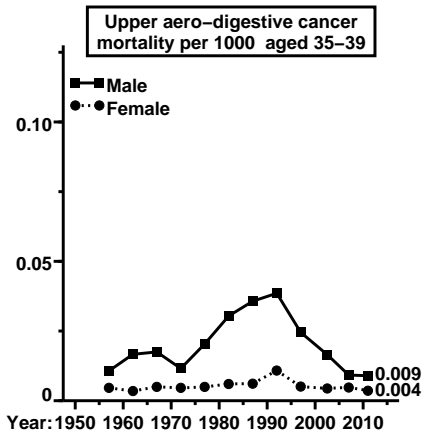
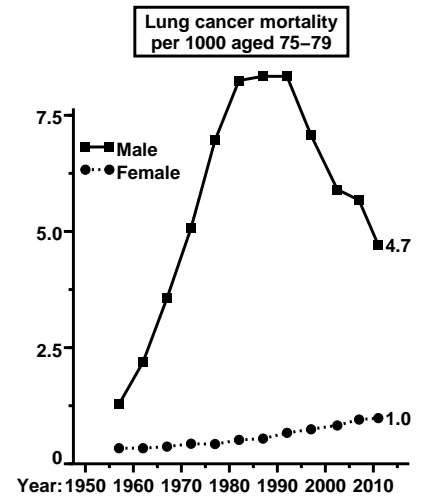
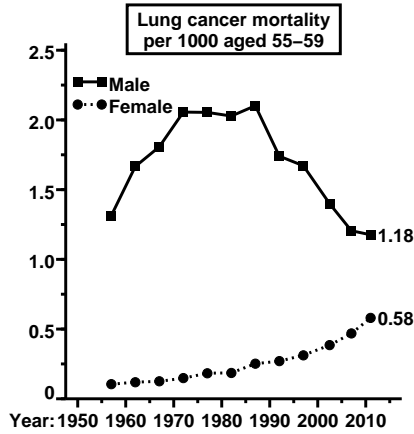
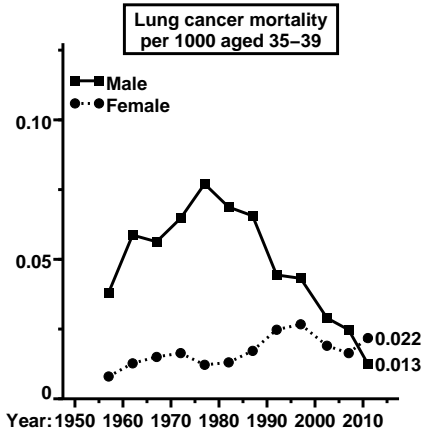
<sup>†</sup> Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	-	0.11	1.11	2.14	1.59	11.7	-	0.10	0.00	2.58	0.00	10.1	-	0.11	0.01	10.1		
1960	-	0.12	1.51	2.10	2.52	11.9	-	0.10	0.01	2.49	0.04	9.56	-	0.10	0.03	2.42	0.04	9.19
1965	-	0.11	1.89	2.06	4.23	11.5	-	0.10	0.01	2.49	0.04	9.56	-	0.10	0.03	2.42	0.04	9.19
1970	-	0.11	2.17	1.97	6.31	11.0	-	0.10	0.03	2.42	0.04	9.19	-	0.09	0.05	2.32	0.15	8.53
1975	-	0.10	2.38	1.89	8.26	10.4	-	0.09	0.05	2.32	0.15	8.53	-	0.08	0.08	2.31	0.19	8.52
1980	-	0.09	2.47	1.86	10.3	10.5	-	0.08	0.08	2.31	0.19	8.52	-	0.07	0.10	2.20	0.25	8.23
1985	-	0.08	2.43	1.75	10.4	10.2	-	0.07	0.10	2.20	0.25	8.23	-	0.06	0.15	2.04	0.36	7.86
1990	-	0.07	2.15	1.69	10.0	10.1	-	0.06	0.15	2.04	0.36	7.86	-	0.06	0.20	1.92	0.49	7.46
1995	-	0.06	2.10	1.67	8.98	9.53	-	0.06	0.20	1.92	0.49	7.46	-	0.05	0.22	1.74	0.52	6.69
2000	-	0.05	1.70	1.62	7.22	8.60	-	0.05	0.22	1.74	0.52	6.69	-	0.05	0.28	1.55	0.69	6.21
2005	-	0.05	1.42	1.49	6.38	8.09	-	0.05	0.28	1.55	0.69	6.21	-	0.04	0.36	1.47	0.80	5.91
2010	-	0.04	1.29	1.45	5.42	7.69	-	0.04	0.36	1.47	0.80	5.91	-	0.04	0.46	1.36	0.95	5.59
2015	-	0.04	1.18	1.41	4.60	7.28	-	0.04	0.46	1.36	0.95	5.59	-					

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

**BELGIUM: 1955-2012**

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

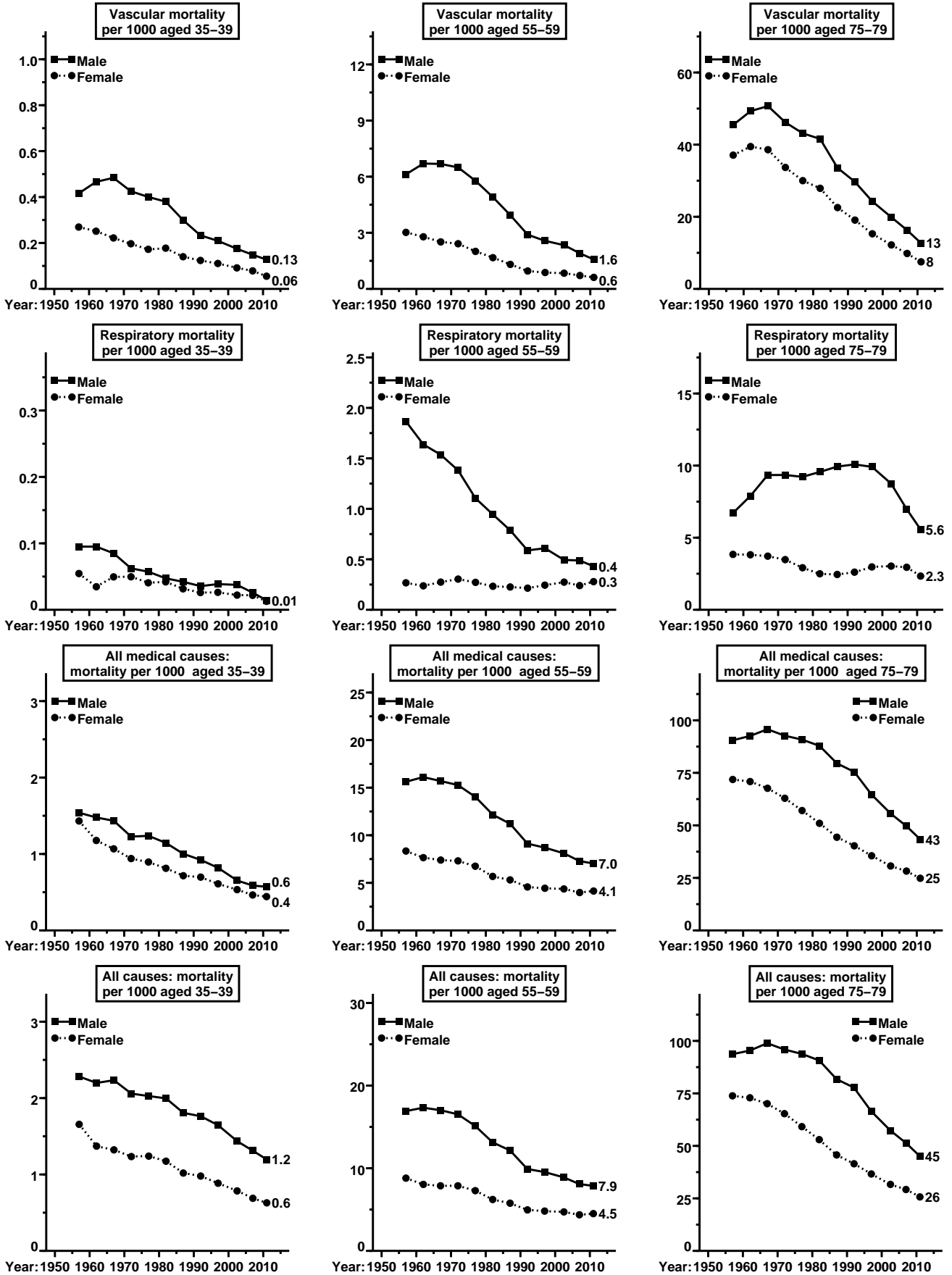


\* Annual mortality per 1000: averages of years available in 1955–59,.....,2005–09; then 3–year average 2010–12



1955-2012: BELGIUM

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



\* Annual mortality per 1000: averages of years available in 1955-59,.....,2005-09; then 3-year average 2010-12

**BULGARIA: 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
<b>ALL CAUSES</b>	M	57641	1659	22254	1209.3	106.6	1393.8	267.2	26.2	33.0	64.6	92.8	120.9	141.8
	F	52524	893	10665	715.8	63.6	592.1	199.3	22.0	24.1	38.3	42.7	44.1	74.8
<b>Tuberculosis</b>	M	163	10	119	3.8	0.6	7.0	0.5	-	-	-	0.8	0.8	1.8
	F	35	4	15	0.6	0.2	0.8	-	-	-	0.5	-	0.8	0.4
<b>Other infective and parasitic</b>	M	236	49	119	5.8	3.4	7.4	13.0	1.2	0.6	1.0	2.8	3.5	1.4
	F	168	28	54	3.3	2.1	3.0	9.1	0.7	0.6	-	1.2	1.2	1.6
<b>ALL CANCER</b>	M	9764	118	5385	208.2	7.2	338.5	3.3	4.3	3.6	7.1	7.1	11.9	13.1
	F	6798	123	3313	113.9	7.6	182.4	1.1	1.9	4.4	4.8	6.7	10.4	23.8
<b>Mouth and pharynx cancer</b>	M	289	2	219	6.6	0.1	13.2	-	-	-	-	-	0.4	0.4
	F	62	2	30	1.1	0.1	1.6	-	-	-	-	-	0.4	0.4
<b>Oesophagus cancer</b>	M	146	1	98	3.2	0.1	6.1	-	-	-	-	-	0.4	-
	F	42	-	19	0.7	-	1.0	-	-	-	-	-	-	-
<b>Stomach cancer</b>	M	771	1	355	16.0	0.1	22.4	-	-	-	-	-	0.4	-
	F	502	4	182	7.6	0.2	10.1	-	-	-	-	0.4	0.8	0.4
<b>Colorectal cancer</b>	M	1400	8	600	28.8	0.4	39.0	-	-	-	-	-	0.8	2.2
	F	1055	2	399	15.9	0.1	22.1	-	-	-	-	-	0.4	0.4
<b>Liver cancer</b>	M	447	4	269	9.7	0.2	16.8	-	-	-	-	0.4	0.8	0.4
	F	277	3	111	4.3	0.2	6.1	-	-	-	-	-	0.4	0.8
<b>Pancreas cancer</b>	M	602	1	339	12.8	0.1	21.1	-	-	-	-	-	-	0.4
	F	401	-	175	6.2	-	9.5	-	-	-	-	-	-	-
<b>Larynx cancer</b>	M	340	-	243	7.5	-	15.1	-	-	-	-	-	-	-
	F	34	-	18	0.6	-	1.0	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	2725	8	1871	59.3	0.4	117.1	-	-	-	-	-	1.1	1.8
	F	569	8	314	9.8	0.5	17.2	-	-	-	0.5	-	0.4	2.3
<b>Malignant melanoma</b>	M	108	1	47	2.3	0.1	2.9	-	-	-	-	-	0.4	-
	F	72	1	33	1.1	0.1	1.8	-	-	-	-	-	-	0.4
<b>Female breast cancer</b>	F	1106	12	631	19.3	0.7	34.7	-	-	-	-	-	0.8	3.9
<b>Cervix cancer</b>	F	359	18	272	7.6	1.0	15.0	-	-	-	-	0.4	1.2	5.5
<b>Other uterine cancer</b>	F	367	5	188	6.3	0.3	10.4	-	-	-	0.5	0.4	-	1.2
<b>Ovarian cancer</b>	F	392	4	250	7.2	0.2	13.7	-	-	-	-	1.2	0.4	-
<b>Prostate cancer</b>	M	783	1	185	15.3	0.1	12.2	-	-	-	-	-	-	0.4
<b>Bladder cancer</b>	M	374	1	157	7.7	0.1	10.0	-	-	-	-	-	-	0.4
	F	111	-	37	1.6	-	2.0	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	1302	49	748	28.6	3.2	46.4	2.7	3.7	1.2	4.0	2.4	3.5	4.7
	F	1090	33	498	18.3	2.2	27.5	0.6	1.3	2.5	2.1	2.1	3.3	3.5
<b>Hodgkin's disease</b>	M	34	9	14	0.8	0.5	0.9	-	-	-	-	0.8	1.5	1.1
	F	17	8	3	0.4	0.5	0.2	-	-	-	0.5	0.8	0.8	1.2
<b>Myeloma and non-Hodgkin lymphomas</b>	M	200	7	121	4.4	0.5	7.6	-	0.6	-	1.0	1.6	-	-
	F	142	10	61	2.5	0.6	3.4	-	-	0.6	0.5	0.4	0.8	1.9
<b>Leukaemia</b>	M	243	25	119	5.3	1.6	7.7	0.5	-	2.4	2.0	2.0	2.7	1.4
	F	200	13	92	3.4	0.9	5.1	0.6	0.7	1.3	0.5	0.8	0.4	1.9
<b>Diabetes</b>	M	779	9	323	16.0	0.5	20.7	-	-	-	-	0.8	1.5	1.1
	F	975	2	256	13.5	0.1	14.2	-	-	-	-	-	0.4	0.4
<b>ALL VASCULAR DISEASE</b>	M	36434	274	11605	739.4	16.3	736.4	23.9	1.8	3.6	7.6	13.0	22.6	41.4
	F	37958	152	5375	476.3	10.2	300.2	25.7	1.9	1.3	5.9	8.4	11.2	17.1
<b>Rheumatic heart disease and fever</b>	M	8	-	5	0.2	-	0.3	-	-	-	-	-	-	-
	F	35	-	22	0.6	-	1.2	-	-	-	-	-	-	-
<b>Hypertensive disease</b>	M	3122	6	968	62.7	0.3	61.8	-	-	-	-	-	-	2.2
	F	3798	2	503	46.8	0.1	28.1	0.6	-	-	-	0.4	-	-
<b>Ischaemic heart disease</b>	M	7283	39	2860	150.3	2.1	178.6	-	-	-	1.5	1.2	3.5	8.7
	F	6047	9	968	76.5	0.5	54.2	-	-	-	-	-	0.8	2.7
<b>Pulmonary embolism and other venous</b>	M	928	11	403	19.3	0.6	25.4	-	-	-	0.5	0.8	1.5	1.4
	F	799	11	223	11.6	0.7	12.4	-	-	-	0.5	0.4	2.1	1.6
<b>Cerebrovascular disease</b>	M	10311	29	2787	205.7	1.8	181.0	4.9	0.6	-	-	1.6	3.1	2.5
	F	11659	18	1524	144.4	1.1	85.5	2.3	-	-	-	1.2	2.5	1.9
<b>Other vascular disease</b>	M	14782	189	4582	301.2	11.4	289.2	19.0	1.2	3.6	5.5	9.4	14.6	26.5
	F	15620	112	2135	196.3	7.8	118.8	22.8	1.9	1.3	5.3	6.3	5.8	10.9
<b>Chronic obstructive pulmonary disease</b>	M	849	7	311	17.3	0.5	20.1	1.6	0.6	-	-	0.5	0.4	0.4
	F	382	3	73	5.0	0.2	4.2	-	-	-	0.5	0.4	0.4	-
<b>Other respiratory disease</b>	M	1709	157	646	38.2	11.1	40.1	45.1	4.9	6.6	3.0	3.1	6.5	8.7
	F	1129	103	247	18.1	7.7	13.6	32.5	4.5	0.6	3.2	5.0	2.9	5.1
<b>Peptic ulcer</b>	M	158	-	66	3.3	-	3.9	-	-	-	-	-	-	-
	F	90	1	18	1.2	0.1	1.0	-	-	-	-	-	-	0.4
<b>Liver cirrhosis</b>	M	1108	13	897	25.7	0.7	53.5	-	-	-	-	0.4	0.8	3.6
	F	323	5	194	5.8	0.3	10.7	-	-	-	-	-	1.2	0.8
<b>Renal disease</b>	M	623	15	232	12.9	0.9	14.8	2.2	-	-	-	1.2	2.3	0.7
	F	517	11	173	7.7	0.7	9.6	-	-	-	0.5	0.4	2.1	1.6
<b>Pregnancy, birth</b>	F	6	4	2	0.2	0.2	0.1	-	-	-	-	0.4	0.8	0.4
<b>Congenital and perinatal causes</b>	M	263	253	6	11.2	19.6	0.3	135.2	1.2	0.6	0.5	-	-	-
	F	189	183	6	8.4	14.9	0.3	97.7	1.3	2.5	2.1	0.4	0.4	-
<b>Ill-defined causes</b>	M	1587	106	517	34.1	6.4	30.6	8.7	1.8	1.2	3.5	8.7	8.4	12.4
	F	1809	56	243	24.0	3.9	13.4	9.7	1.9	1.3	3.2	3.4	2.9	5.1
<b>Other medical causes</b>	M	1649	101	734	36.2	6.8	45.1	19.6	2.4	3.6	4.0	6.7	6.5	4.7
	F	1428	79	400	22.6	5.8	22.2	13.1	6.5	4.4	3.2	4.6	2.5	6.2
<b>ALL NON-MEDICAL CAUSES</b>	M	2319	547	1294	57.2	32.7	75.2	14.1	7.9	13.2	37.3	48.4	55.6	52.4
	F	717	139	296	15.0	9.6	16.3	10.3	3.2	8.9	14.4	11.7	6.7	12.1
<b>Road traffic accidents</b>	M	540	208	275	14.0	12.3	15.8	0.5	0.6	3.6	20.2	21.6	24.6	14.9
	F	159	50	71	3.8	3.5	4.0	1.1	1.9	3.2	6.9	6.7	1.7	2.7
<b>Fire</b>	M	47	8	26	1.1	0.5	1.5	1.1	-	0.6	-	0.8	0.4	0.7
	F	25	2	4	0.4	0.2	0.2	0.6	-	-	0.5	-	-	-
<b>Suicide</b>	M	649	93	375	15.2	5.2	21.8	-	-	0.6	4.5	10.2	8.8	12.4
	F	210	19	108	4.0	1.1	6.0	-	-	-	1.6	2.1	1.2	3.1
<b>POPULATION:</b>			<b>M=male</b>		3605.9	1503.2	1735.0	184.1	164.1	166.9	198.2	254.3	260.6	275.1
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		3801.4	1411.0	1818.9	175.1	154.3	157.7	187.8	239.1	240.5	256.6

## 2010: BULGARIA

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			
200.0	378.4	678.6	1050.9	1659.6	2442.8	3345.9	4978.2	7985.6	16411.4	M	ALL CAUSES	001-999/A00-Y89
114.6	183.2	288.0	426.6	644.9	950.5	1537.0	2702.1	5320.4	13829.8	F		
2.1	4.2	6.4	6.9	11.8	10.3	7.1	6.9	9.3	12.5	M	Tuberculosis	010-018, 137/
0.8	-	0.4	0.4	1.1	1.4	1.7	0.5	4.4	3.8	F		A15-A19, B90
3.2	1.5	3.2	5.8	8.7	11.1	18.6	15.1	19.5	22.1	M	Other infective	Rest of 001-139,279.5&.6/
0.8	1.6	1.2	3.8	3.6	3.9	6.0	11.3	16.6	17.7	F	and parasitic	rest of A00-B99 excl A33,A34
24.9	55.2	133.6	241.5	452.6	643.2	818.6	1018.8	1205.2	1303.6	M	ALL CANCER	140-208/C00-C97
32.8	70.2	116.7	161.8	230.1	293.5	371.5	459.5	617.6	700.4	F		
1.1	2.6	12.0	13.9	21.2	22.3	19.1	21.2	18.7	14.4	M	Mouth and	140-149/C00-C14
0.8	2.0	0.8	2.6	3.3	1.1	0.9	3.4	6.6	5.9	F	pharynx cancer	
1.1	1.1	2.0	4.6	8.3	12.0	13.7	16.4	8.5	12.5	M	Oesophagus cancer	150/C15
-	-	1.2	0.8	1.8	1.8	1.7	3.0	5.5	3.8	F		
2.5	4.5	6.8	14.3	30.7	40.4	57.9	90.5	124.8	130.8	M	Stomach cancer	151/C16
1.9	3.2	6.5	8.7	10.9	15.4	24.1	33.9	60.2	73.9	F		
1.1	5.3	9.6	20.8	40.9	73.8	121.2	167.3	221.5	276.1	M	Colorectal cancer	153, 154/C18-C21
2.6	6.0	10.2	16.3	26.1	37.5	55.8	76.7	117.0	153.1	F		
1.8	4.2	8.0	15.4	22.4	27.2	38.2	49.4	48.4	43.3	M	Liver cancer	155.0, 155.1/C22
0.4	2.4	2.0	4.2	9.4	10.9	13.3	22.6	32.6	31.1	F		
1.8	4.2	7.2	18.1	31.1	37.1	48.6	63.1	89.1	62.5	M	Pancreas cancer	157/C25
0.4	1.6	4.5	4.5	15.2	21.4	18.9	36.4	37.0	45.5	F		
0.4	1.1	4.4	13.5	24.8	28.9	32.8	32.2	26.3	18.3	M	Larynx cancer	161/C32
-	0.8	0.4	2.6	0.7	1.1	1.3	3.4	2.2	2.7	F		
5.0	13.6	40.8	91.4	162.9	238.3	267.6	264.0	242.7	168.4	M	Lung cancer	162/C33, C34
1.9	2.8	9.0	19.3	22.1	31.2	33.9	42.8	46.9	40.2	F		
0.4	1.1	2.4	3.1	4.7	2.9	5.5	10.3	10.2	31.8	M	Malignant melanoma	172/C43
0.8	0.4	0.4	1.9	1.4	3.9	3.9	3.9	4.4	11.8	F		
4.9	10.4	24.1	35.6	45.7	54.6	67.4	63.4	82.2	99.1	F	Female breast cancer	174/C50
5.7	10.8	17.9	16.7	17.4	17.9	18.5	10.8	13.2	12.3	F	Cervix cancer	180/C53
2.3	6.8	7.3	8.0	10.9	15.1	22.8	25.6	34.2	32.1	F	Other uterine cancer	179, 182/C54, C55
3.0	8.0	10.2	12.1	18.5	20.7	23.6	24.6	23.7	24.1	F	Ovarian cancer	183.0/C56
-	-	0.8	2.7	11.4	29.7	41.0	89.8	158.7	268.4	M	Prostate cancer	185/C61
-	0.4	4.4	3.1	13.0	22.7	26.8	45.9	57.7	77.9	M	Bladder cancer	188/C67
0.4	0.8	1.6	1.1	2.2	3.5	4.7	8.4	12.7	18.2	F		
7.8	12.5	28.4	30.9	62.2	81.2	102.1	124.8	134.9	157.8	M	Other and ill-defined	Rest of 140-199/
5.3	11.6	16.7	23.5	34.8	41.3	59.3	73.2	99.9	122.6	F	cancer sites	rest of C00-C80, C97
0.7	0.8	0.4	-	0.4	1.6	2.2	2.1	5.1	1.9	M	Hodgkin's disease	201/C81
-	-	0.4	0.4	-	-	0.4	1.5	-	1.6	F		
-	2.6	4.0	4.6	9.4	14.0	18.6	26.1	22.1	7.7	M	Myeloma and non-	200, 202-203/
1.5	1.6	1.6	1.1	4.3	6.0	7.3	13.8	14.9	8.6	F	Hodgkin lymphomas	C82-C90, C96
1.4	1.1	2.4	5.0	9.1	11.1	23.5	15.8	36.5	31.8	M	Leukaemia	204-208/C91-C95
1.1	1.2	1.6	2.3	5.1	10.5	13.7	12.3	24.3	13.9	F		
3.2	4.2	9.2	13.5	16.9	37.5	60.6	83.6	150.2	142.4	M	Diabetes	250/E10-E14
0.8	2.4	4.5	6.1	17.1	26.3	42.5	81.6	124.7	174.0	F		
70.7	164.1	311.1	511.2	830.4	1304.9	1962.7	3212.1	5645.7	12717.0	M	ALL VASCULAR	390-459/I00-I99
36.6	64.7	101.2	169.3	291.8	509.6	928.5	1846.5	4040.9	11433.1	F	DISEASE	
-	-	-	-	0.8	0.4	1.1	0.7	1.7	-	M	Rheumatic heart	390-398/I00-I09
-	0.8	-	0.8	0.7	2.5	3.9	0.5	4.4	2.1	F	disease and fever	
2.8	7.2	20.0	40.5	76.3	115.4	170.4	303.0	535.5	1034.2	M	Hypertensive disease	401-405/I10-I15
0.8	2.4	9.0	13.6	24.7	53.9	92.3	190.2	437.1	1131.9	F		
19.9	45.7	89.6	148.5	210.2	321.6	415.0	630.8	1054.1	2137.8	M	Ischaemic heart	410-414/I20-I25
5.3	9.6	15.5	31.1	54.4	89.0	174.4	314.5	638.1	1753.0	F	disease	
4.3	6.0	11.2	17.4	26.8	47.0	65.5	89.8	132.4	218.4	M	Pulmonary embolism	415.1, 451-453/
3.8	5.2	9.0	9.5	12.7	16.8	30.1	58.5	86.1	155.3	F	and other venous	126, 180-182
9.2	29.9	50.0	103.0	182.2	324.5	567.9	986.6	1771.3	3818.6	M	Cerebrovascular	430-438/I60-I69
7.9	12.0	20.8	44.7	80.2	141.8	291.2	627.1	1358.9	3415.5	F	disease	
34.5	75.2	140.4	201.8	334.1	496.0	742.7	1201.2	2150.7	5508.0	M	Other vascular	Rest of 390-459/
18.8	34.7	46.9	69.7	119.0	205.6	336.7	655.6	1516.2	4975.3	F	disease	rest of I00-I99
2.1	2.6	6.0	10.8	19.3	39.6	60.1	83.0	135.8	240.5	M	Chronic obstructive	490-496/
-	0.4	0.8	1.9	6.2	3.1	16.8	28.5	32.6	101.2	F	pulmonary disease	J40-J47, J67
6.8	16.3	21.2	34.3	47.6	63.1	91.7	129.6	220.7	439.7	M	Other respiratory	Rest of 460-519/
4.9	6.0	6.9	9.8	16.7	22.4	28.3	53.1	106.5	255.9	F	disease	rest of J00-J98
1.8	0.4	2.0	3.1	5.9	9.9	4.4	16.4	23.8	38.5	M	Peptic ulcer	531-533/K25-K27
-	0.8	1.2	0.4	1.8	1.1	1.7	4.9	11.6	21.4	F		
11.4	24.6	46.0	58.3	77.1	84.5	72.6	59.6	60.3	38.5	M	Liver cirrhosis	571/K70, K74
3.0	4.8	5.3	11.7	11.2	16.1	22.8	20.6	24.8	19.8	F		
1.8	4.2	5.6	9.3	15.3	25.6	42.0	60.3	91.7	173.2	M	Renal disease	580-590/N00-N19
3.4	2.0	4.5	5.3	10.5	14.7	27.1	35.4	51.9	89.4	F		
0.8	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.4	0.4	0.4	0.8	-	0.4	-	-	0.8	2.9	M	Congenital and	740-779/A33,
-	0.4	-	0.4	1.1	-	0.4	-	-	-	F	perinatal causes	P00-P96, Q00-Q99
10.3	21.2	24.8	35.5	35.8	46.6	40.4	60.3	105.2	723.5	M	Ill-defined causes	780-799/R00-R99
12.1	8.0	11.0	12.1	13.4	14.4	23.2	40.3	85.5	681.6	F		
8.9	21.2	28.4	35.1	50.4	82.0	89.6	137.1	203.7	359.8	M	Other medical causes	Rest of 001-799/
9.8	11.2	16.3	20.8	22.1	29.4	45.5	86.5	155.7	262.9	F		rest of A00-R99
52.6	58.6	80.8	84.9	87.8	84.1	77.5	95.3	113.7	197.2	M	ALL NON-	E800-E999/V01-Y89
9.0	10.8	17.9	22.7	18.1	14.7	21.0	33.4	47.5	68.5	F	MEDICAL CAUSES	
15.3	13.2	18.0	18.1	18.9	11.5	15.8	14.4	16.1	16.4	M	Road traffic	E810-E819, E826-E829/
1.9	2.0	4.9	3.8	4.7	2.1	8.6	4.4	6.1	9.6	F	accidents	part of V01-V99, Y850
0.7	0.8	1.2	1.5	2.4	2.5	1.6	2.1	3.4	5.8	M	Fire	E890-E899/X00-X09
-	0.4	-	-	0.4	0.7	-	2.5	1.7	5.9	F		
12.1	18.1	19.6	27.4	24.0	29.3	22.4	30.2	41.6	84.7	M	Suicide	E950-E959/X60-X84
3.4	4.8	4.5	9.5	5.4	6.3	7.7	11.3	13.8	18.7	F		
281.5	264.5	250.1	259.2	254.1	242.6	183.1	145.9	117.8	103.9	M	POPULATION	
265.3	250.6	245.1	264.0	275.6	285.5	232.9	203.5	181.2	186.8	F	(1000s; UN, 2015 revision)	

**BULGARIA: 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	– / 1.7	– / 0.8	–
35–69	9.1 / 22	1.1 / 11	21 years
70+	4.5 / 33	0.9 / 41	8 years
All ages	14 / 57	2.1 / 52	16 years

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

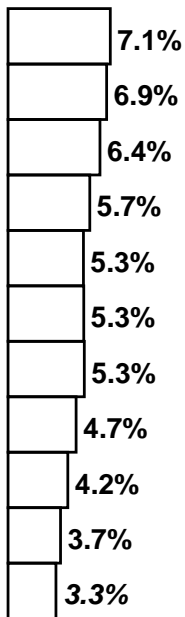
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	1.8/1.9	0.7/0.9	2.5/2.8	–/0.0	0.2/0.4	0.1/0.3	0.3/0.6
All Cancer	–/0.1	2.7/5.6 (48%)	1.1/4.4 (24%)	3.7/10	–/0.1	0.2/3.5 (7%)	0.1/3.6 (3%)	0.4/7.2
Vascular	–/0.3	5.2/11	2.8/24	8.0/35	–/0.1	0.7/5.2	0.7/32	1.4/37
Respiratory	–/0.1	0.6/0.9	0.5/1.5	1.0/2.5	–/0.1	0.1/0.3	0.1/1.2	0.2/1.6
All Other	–/1.1	0.7/4.5	0.2/3.6	0.9/9.3	–/0.5	0.1/1.7	0.0/4.1	0.1/6.3
All Causes	–/1.7	9.1/22 (41%)	4.5/33 (14%)	14/57	–/0.8	1.1/11 (11%)	0.9/41 (2%)	2.1/52

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

Cause	Male	Female	Male + Female
All Cancer	3.7 / 10 (37%)	0.4 / 7.2 (5%)	4.1 / 17 (24%)
All Causes	14 / 57 (24%)	2.1 / 52 (4%)	16 / 109 (14%)

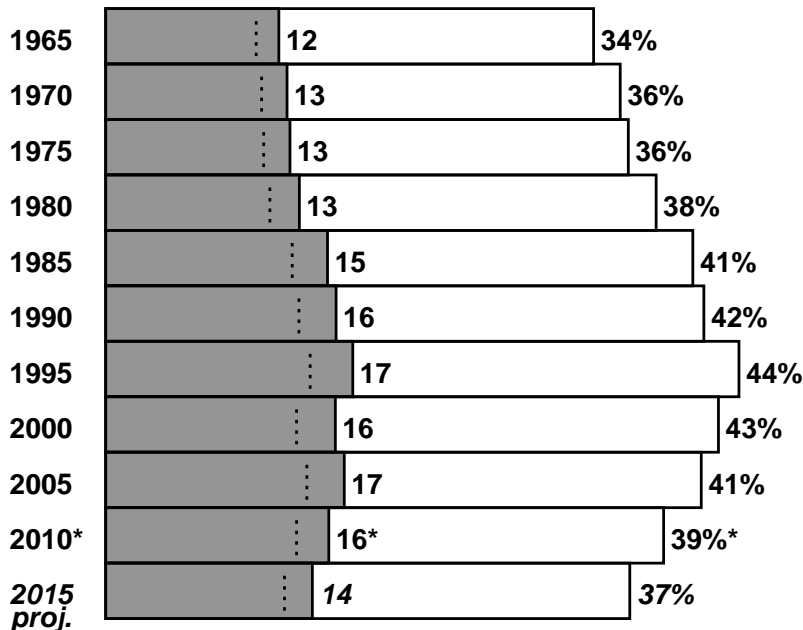
1965-2015: BULGARIA

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

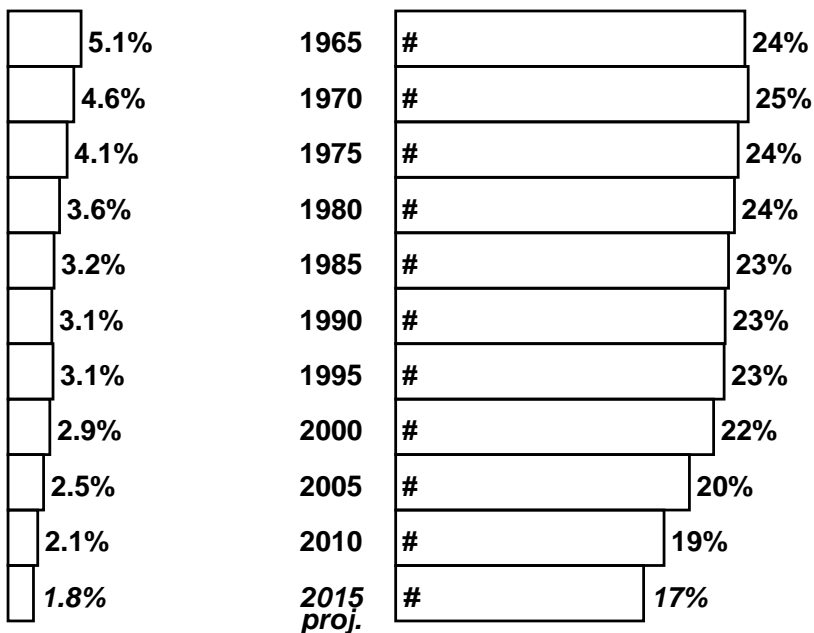


\*eg, at year 2010 male death rates, out of 100 men aged 35, 39 would die before age 70 (with 16 of these deaths attributed to smoking)

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

Note: For smoking-attributed mortality (pages 82–89), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.

FEMALE



# Real risk too low to estimate reliably

**BULGARIA: 1960-2015***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	– / 1.4	– / 0.7	–
35–69	8.3 / 21	1.1 / 9.9	<b>21 years</b>
70+	4.3 / 31	0.9 / 39	8 years
<b>All ages</b>	<b>13 / 53</b>	<b>2.1 / 50</b>	<b>16 years</b>

**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	–/4.8	5.5/15 <b>(35%)</b>	2.7/16 <b>(17%)</b>	8.1/36	–/3.3	0.9/11 <b>(9%)</b>	0.9/19 <b>(5%)</b>	1.8/33
1975	–/4.4	7.0/20 <b>(35%)</b>	3.7/23 <b>(16%)</b>	11/47	–/2.7	0.9/12 <b>(7%)</b>	0.9/26 <b>(3%)</b>	1.7/41
1985	–/3.4	9.4/24 <b>(39%)</b>	3.9/30 <b>(13%)</b>	13/58	–/2.0	1.0/13 <b>(8%)</b>	1.0/32 <b>(3%)</b>	2.0/47
1995	–/2.9	11/28 <b>(39%)</b>	3.9/32 <b>(12%)</b>	15/63	–/1.5	1.0/14 <b>(7%)</b>	1.1/36 <b>(3%)</b>	2.2/52
2005	–/2.0	9.8/24 <b>(41%)</b>	4.5/34 <b>(13%)</b>	14/60	–/1.0	1.0/12 <b>(9%)</b>	0.8/40 <b>(2%)</b>	1.8/52
2015 <i>proj.</i>	–/1.4	8.3/21 <b>(40%)</b>	4.3/31 <b>(14%)</b>	13/53	–/0.7	1.1/9.9 <b>(11%)</b>	0.9/39 <b>(2%)</b>	2.1/50

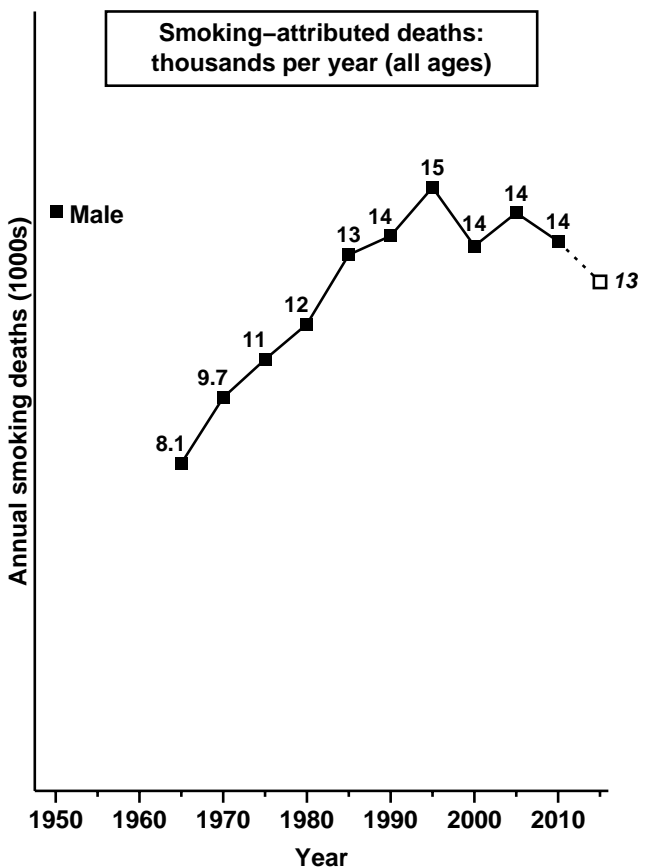
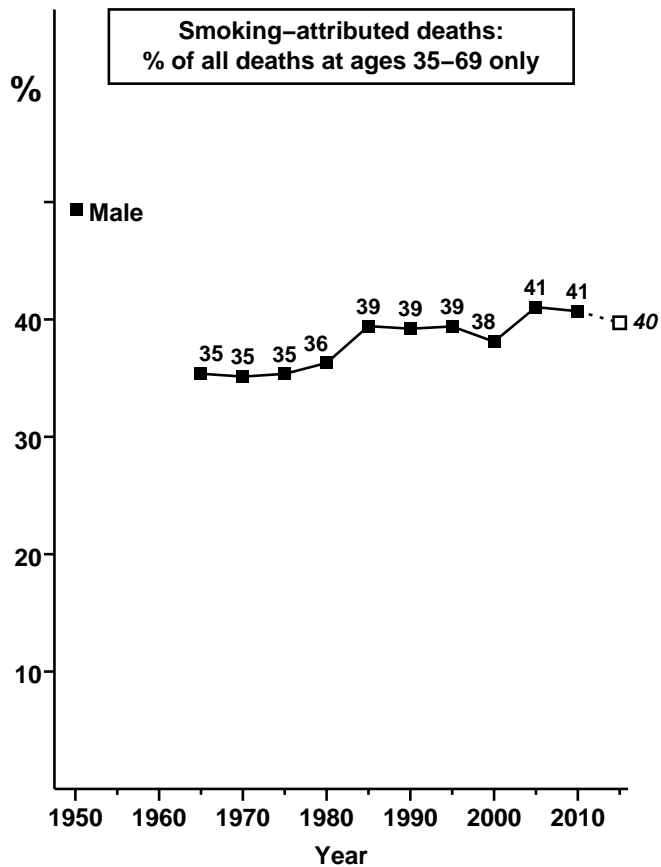
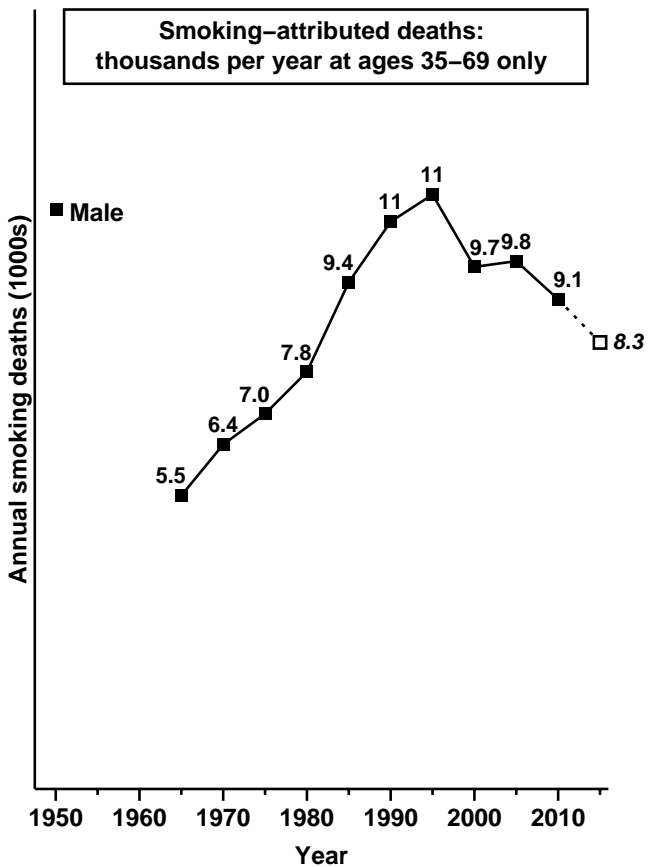
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 856 / 5911**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

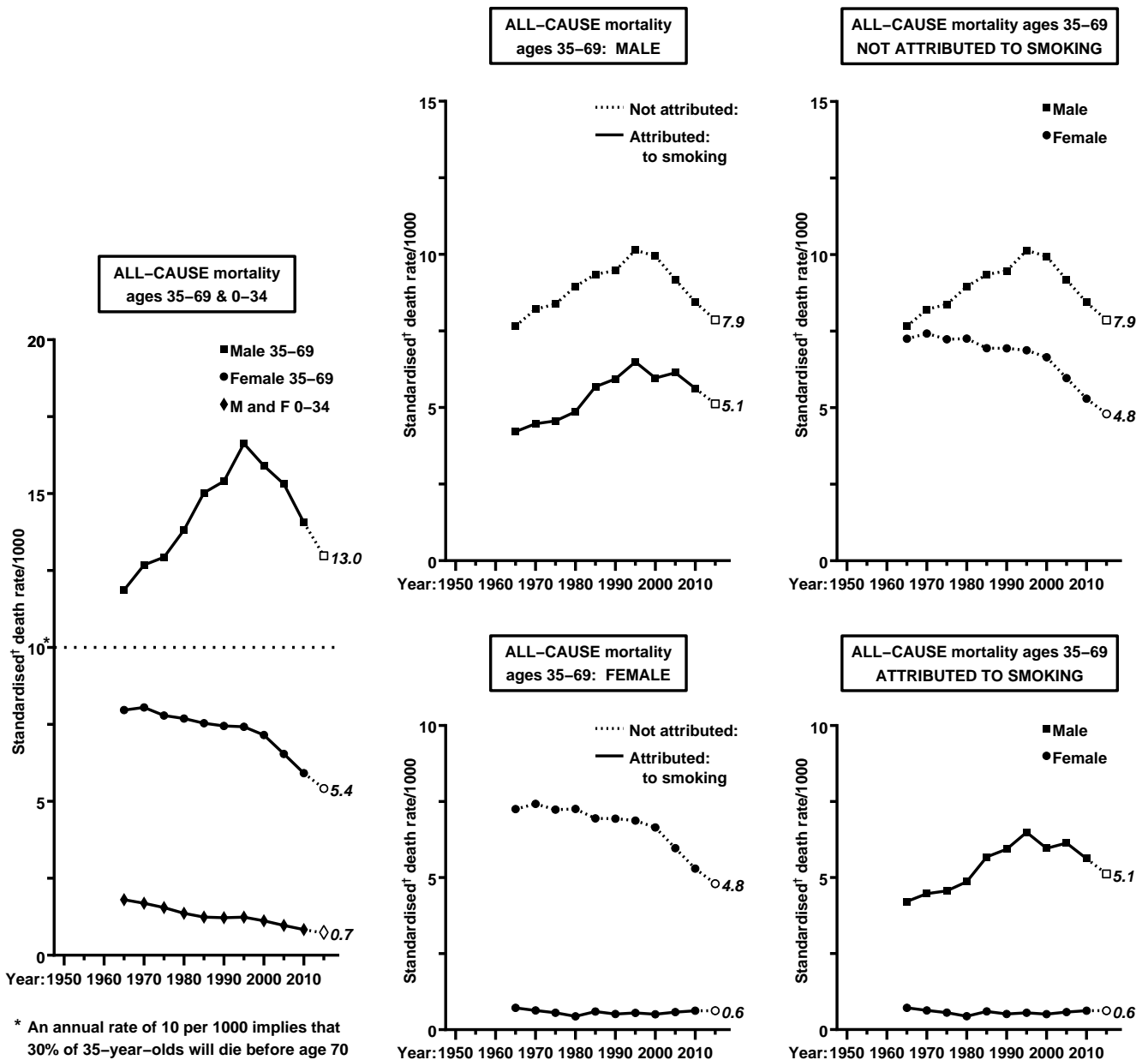
–/189	510/1319 <b>(39%)</b>	230/1669 <b>(14%)</b>	740/3177	–/112	60/708 <b>(8%)</b>	56/1914 <b>(3%)</b>	116/2734
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1965-2015: BULGARIA



**BULGARIA: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

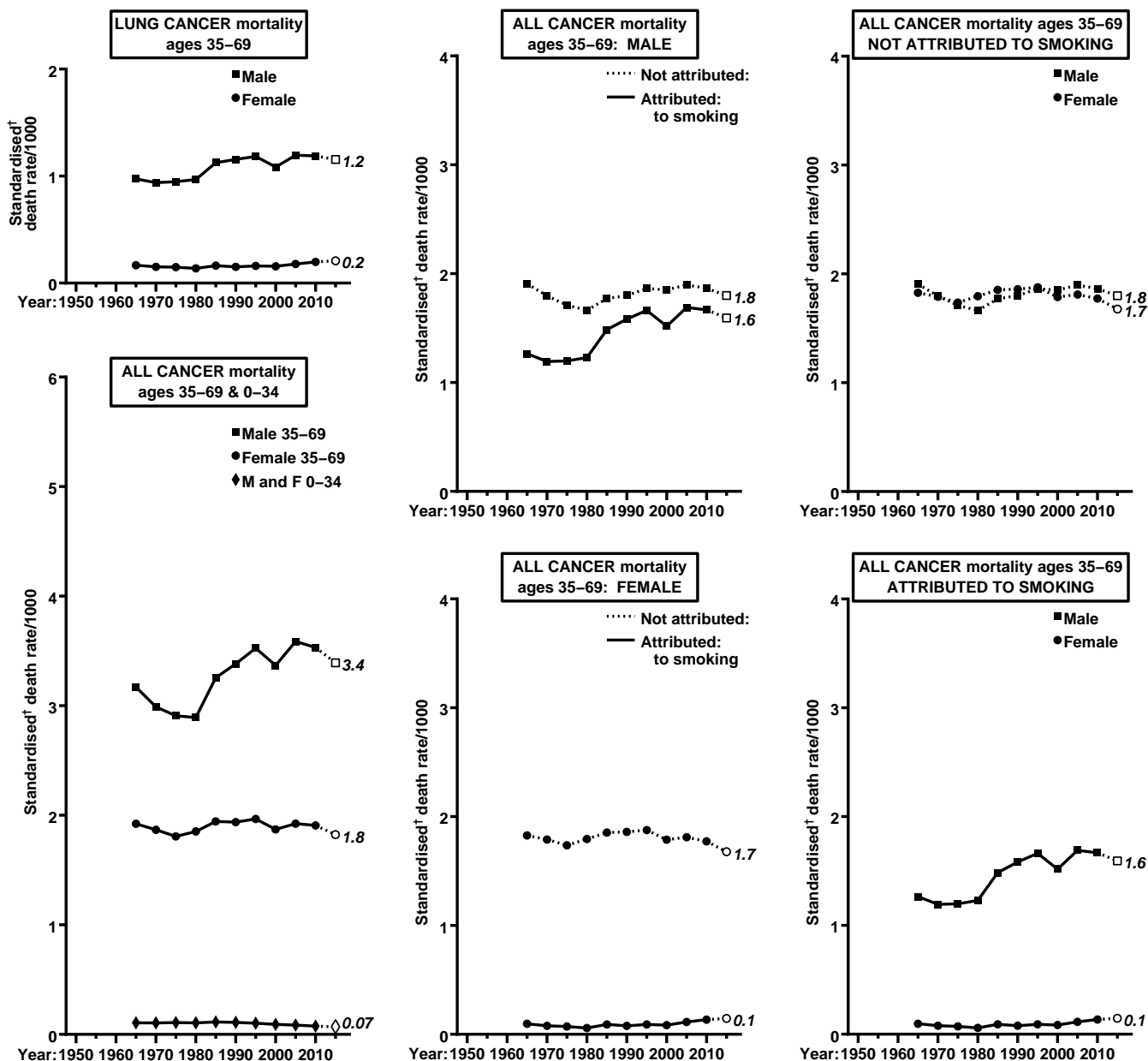
Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.11	4.21	7.65	13.3	55.2	-	1.49	0.71	7.25	3.25	55.2
1970	-	2.03	4.47	8.21	14.2	59.8	-	1.34	0.63	7.42	2.45	58.3
1975	-	1.89	4.56	8.37	13.5	63.4	-	1.20	0.55	7.23	2.49	58.2
1980	-	1.68	4.86	8.95	12.0	65.1	-	1.04	0.44	7.25	2.01	57.0
1985	-	1.54	5.68	9.35	11.1	66.6	-	0.93	0.59	6.94	2.13	54.7
1990	-	1.55	5.93	9.47	9.94	64.9	-	0.89	0.51	6.94	1.52	52.4
1995	-	1.56	6.49	10.1	10.5	67.1	-	0.91	0.55	6.87	1.87	51.9
2000	-	1.39	5.96	9.94	9.60	66.0	-	0.84	0.51	6.65	1.36	50.7
2005	-	1.22	6.13	9.18	10.7	59.9	-	0.72	0.57	5.97	1.15	45.4
2010	-	1.06	5.62	8.44	10.7	54.0	-	0.60	0.62	5.29	1.08	39.5
2015	-	0.97	5.12	7.86	10.1	49.3	-	0.51	0.62	4.80	0.93	34.7

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



1965-2015: BULGARIA

ALL CANCER mortality rates attributed and not attributed to smoking



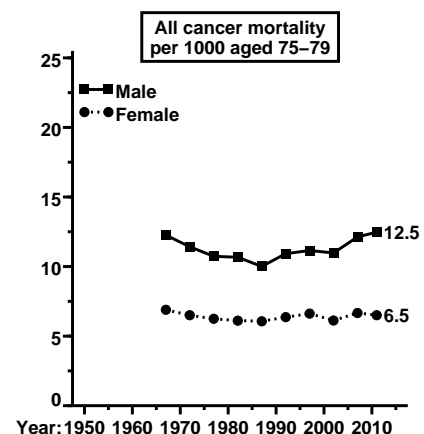
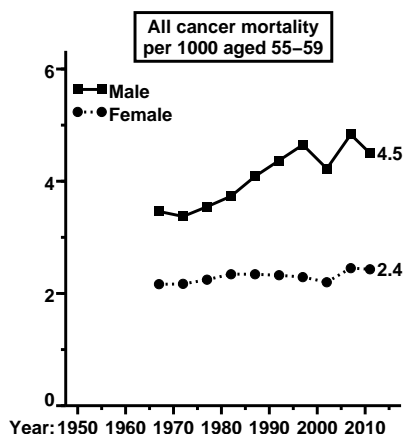
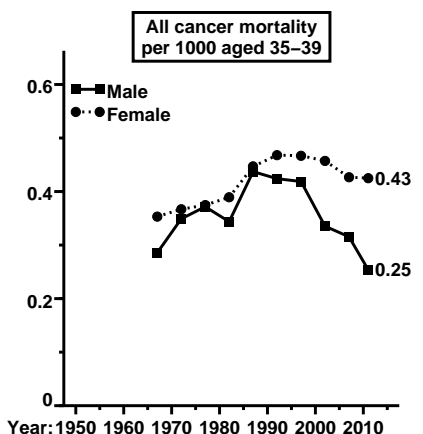
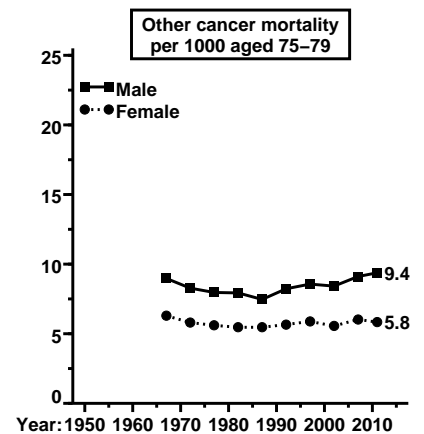
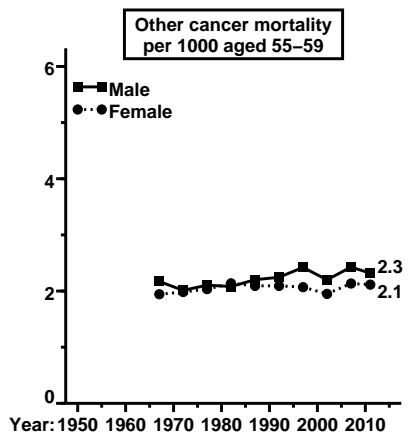
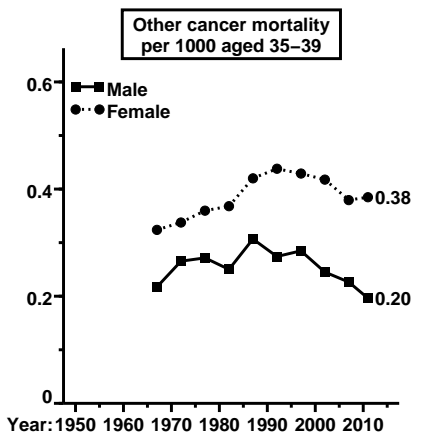
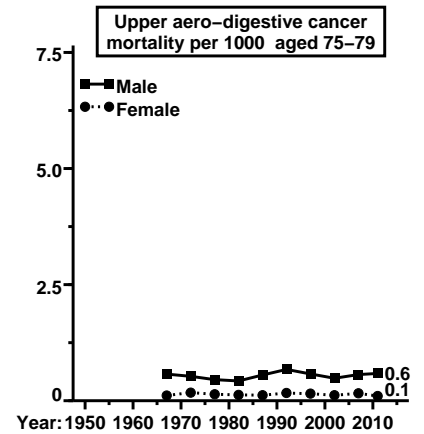
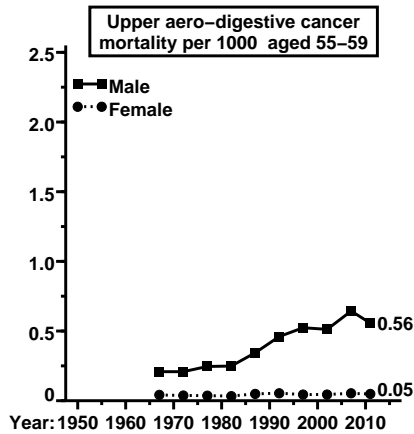
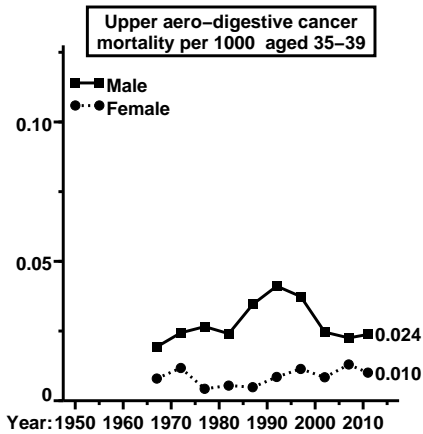
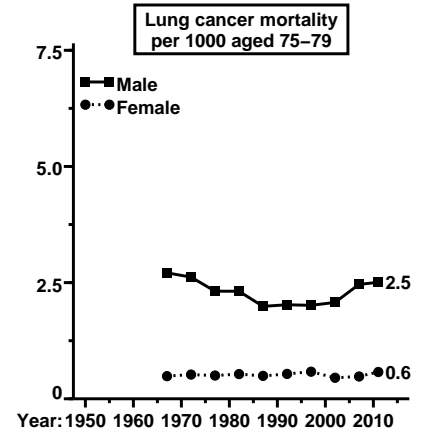
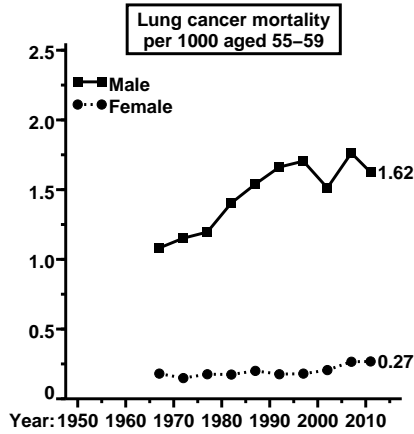
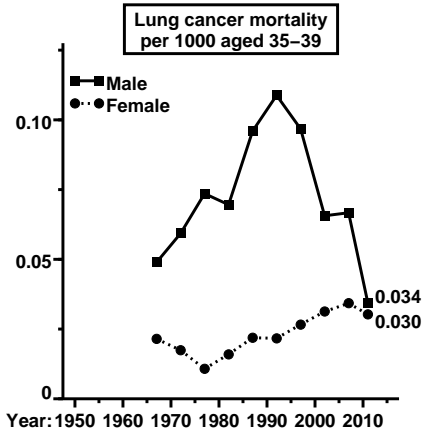
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	-	0.11	1.26	1.91	3.34	8.51	-	0.10	0.10	1.83	0.32	6.47	-	0.09	0.08	1.79	0.21	5.87
1970	-	0.11	1.19	1.80	3.14	8.02	-	0.10	0.07	1.74	0.23	5.55	-	0.10	0.06	1.79	0.21	5.48
1975	-	0.11	1.20	1.71	2.89	7.51	-	0.10	0.09	1.85	0.24	5.54	-	0.11	0.08	1.86	0.18	5.57
1980	-	0.11	1.23	1.66	2.56	7.22	-	0.10	0.09	1.85	0.24	5.54	-	0.11	0.08	1.86	0.18	5.57
1985	-	0.12	1.48	1.77	2.44	7.29	-	0.11	0.09	1.85	0.24	5.54	-	0.11	0.08	1.86	0.18	5.57
1990	-	0.12	1.58	1.80	2.30	7.54	-	0.10	0.08	1.86	0.18	5.57	-	0.10	0.08	1.86	0.18	5.57
1995	-	0.11	1.66	1.86	2.46	7.84	-	0.09	0.09	1.88	0.24	5.71	-	0.09	0.09	1.88	0.24	5.71
2000	-	0.09	1.52	1.85	2.28	7.69	-	0.09	0.08	1.79	0.18	5.39	-	0.09	0.08	1.79	0.18	5.39
2005	-	0.09	1.69	1.90	2.83	8.17	-	0.08	0.11	1.81	0.17	5.69	-	0.08	0.11	1.81	0.17	5.69
2010	-	0.08	1.67	1.86	3.13	8.29	-	0.07	0.13	1.77	0.19	5.56	-	0.07	0.13	1.77	0.19	5.56
2015	-	0.07	1.59	1.80	3.25	8.18	-	0.07	0.15	1.68	0.19	5.23	-	0.07	0.15	1.68	0.19	5.23

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

**BULGARIA: 1965-2012**

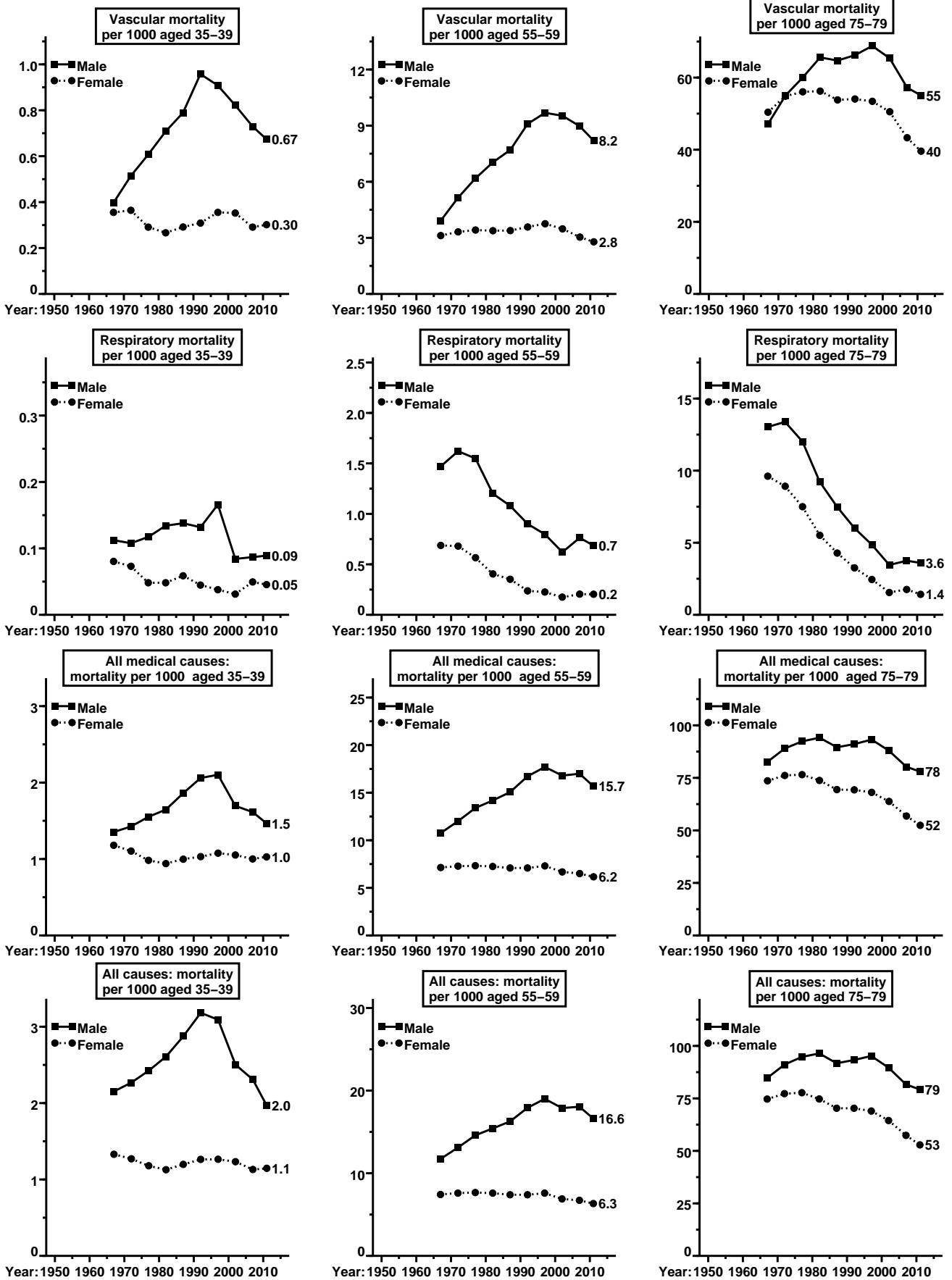
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 3-year average 2010–12

1965-2012: BULGARIA

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 3-year average 2010-12



## 2010: CANADA

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			
104.7	152.0	238.4	390.7	616.0	951.2	1471.8	2377.1	3964.0	9861.9	M	ALL CAUSES	001-999/A00-Y89
61.2	96.6	153.3	255.2	378.1	586.8	945.9	1542.4	2598.0	8315.5	F		
-	0.1	-	0.1	0.1	0.5	0.6	0.8	1.0	5.0	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	0.1	-	0.2	0.2	0.5	0.5	1.6	2.6	F		
2.1	5.7	8.3	10.0	19.0	18.9	24.5	40.3	80.5	218.4	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
1.8	3.0	3.3	5.4	7.6	10.8	18.5	31.1	59.8	187.5	F		
14.6	26.1	57.4	129.1	234.1	409.3	662.1	1012.8	1469.3	2323.7	M	ALL CANCER	140-208/C00-C97
20.9	39.4	74.1	137.0	214.2	328.1	487.4	708.1	946.2	1442.3	F		
0.5	0.9	1.7	5.0	7.9	11.5	16.5	19.8	18.4	28.4	M	Mouth and pharynx cancer	140-149/C00-C14
0.1	0.5	0.8	1.7	2.6	3.2	5.2	8.0	10.8	17.9	F		
0.4	1.6	3.4	7.7	10.4	20.5	27.3	44.0	43.3	55.2	M	Oesophagus cancer	150/C15
0.2	0.2	0.7	1.4	2.6	4.2	5.9	8.2	12.0	20.3	F		
0.7	1.1	1.9	4.3	8.1	13.8	17.4	29.4	45.7	68.7	M	Stomach cancer	151/C16
0.6	1.4	1.9	2.7	3.5	5.6	8.4	15.7	16.9	37.4	F		
1.6	3.3	6.8	13.3	27.0	45.0	73.9	107.9	172.0	259.5	M	Colorectal cancer	153, 154/C18-C21
1.8	2.6	6.8	11.1	17.3	28.1	35.6	67.2	94.9	203.7	F		
0.3	0.9	1.7	5.2	12.8	11.7	16.1	25.9	36.0	40.1	M	Liver cancer	155.0/C22 excl C221
-	0.1	0.7	0.8	2.0	3.6	4.6	8.0	12.2	16.8	F		
0.5	1.8	3.0	8.1	14.2	25.8	38.0	50.9	72.8	100.5	M	Pancreas cancer	157/C25
0.3	1.1	2.7	6.4	11.5	18.1	28.1	44.1	55.2	88.9	F		
-	0.3	0.7	1.2	2.6	4.9	6.2	10.0	12.6	17.3	M	Larynx cancer	161/C32
-	-	0.1	0.2	0.4	0.5	1.6	1.9	3.2	2.1	F		
1.1	4.0	12.3	34.5	69.0	130.9	230.1	330.5	438.8	527.7	M	Lung cancer	162/C33, C34
1.4	4.8	16.6	37.1	62.1	99.3	158.1	227.5	287.5	272.6	F		
0.9	1.0	2.3	4.0	5.7	8.8	11.2	13.1	21.5	28.2	M	Malignant melanoma	172/C43
0.7	0.7	1.2	2.1	2.2	4.2	4.6	4.6	7.4	11.8	F		
6.4	12.8	17.7	31.9	41.4	51.8	67.5	78.1	105.1	185.3	F	Female breast cancer	174/C50
1.9	2.3	2.7	3.4	3.5	3.2	4.0	5.0	5.8	7.2	F	Cervix cancer	180/C53
0.3	0.8	2.0	3.7	6.6	11.2	16.0	18.8	22.3	34.9	F	Other uterine cancer	179, 182/C54, C55
0.9	2.1	5.1	8.2	11.6	18.1	25.8	42.4	44.7	53.2	F	Ovarian cancer	183/C56, C570-C574
-	0.1	0.9	2.8	6.2	16.1	40.2	79.5	162.1	439.9	M	Prostate cancer	185/C61
-	0.7	0.8	2.4	5.3	8.7	20.6	33.0	55.4	127.8	M	Bladder cancer	188/C67
0.1	0.2	0.4	1.0	2.4	2.9	5.2	9.6	13.8	39.4	F		
5.9	7.1	15.0	28.9	46.7	74.0	113.8	178.8	245.5	406.7	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
4.4	6.9	11.5	19.7	34.4	52.9	78.3	113.2	170.9	308.3	F		
0.5	0.2	0.4	0.5	0.7	0.8	1.1	1.1	1.7	2.4	M	Hodgkin's disease	201/C81
0.3	0.2	0.4	0.1	0.1	0.4	0.7	0.7	1.0	1.5	F		
1.0	2.0	4.2	7.3	11.6	23.0	31.1	52.8	87.8	131.3	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/ C82-C90, C96
0.6	1.2	1.4	4.0	6.5	13.3	26.0	36.6	55.6	87.0	F		
0.9	1.1	2.2	3.9	5.8	14.0	18.5	36.1	55.6	90.0	M	Leukaemia	204-208/C91-C95
0.8	1.7	1.3	1.4	3.5	7.7	11.9	18.6	27.1	53.8	F		
2.2	3.0	7.1	9.5	20.6	33.0	48.9	87.8	131.8	299.6	M	Diabetes	250/E10-E14
1.2	1.7	2.5	5.3	8.7	15.9	29.8	48.5	74.4	230.9	F		
14.0	27.9	51.8	97.0	161.7	250.0	385.8	630.3	1120.7	3250.7	M	ALL VASCULAR DISEASE	390-459/I00-I99
4.7	11.7	17.2	33.4	54.0	92.7	169.4	333.6	686.2	2937.8	F		
-	0.2	0.3	0.5	0.5	1.1	2.2	2.1	5.8	10.5	M	Rheumatic heart disease and fever	390-398/I00-I09
0.2	0.1	0.3	-	1.1	1.1	2.9	4.8	8.0	19.7	F		
0.3	1.3	1.8	3.8	3.8	5.1	9.2	17.9	28.5	99.5	M	Hypertensive disease	401-405/I10-I15
0.1	0.4	0.7	0.9	2.0	2.6	5.2	11.8	22.3	147.5	F		
7.7	15.2	34.0	67.4	112.7	174.7	249.2	382.0	639.6	1726.5	M	Ischaemic heart disease	410-414/I20-I25
1.1	3.5	6.9	15.3	27.7	51.5	88.5	157.2	312.8	1301.3	F		
0.6	1.1	1.4	1.4	4.3	2.9	5.3	7.7	11.6	23.1	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
0.5	1.3	0.9	1.2	2.7	2.2	5.0	4.3	11.6	25.8	F		
1.5	3.0	5.4	10.0	16.5	27.3	52.9	100.2	209.0	633.4	M	Cerebrovascular disease	430-438/I60-I69
1.1	2.7	4.5	7.8	11.6	16.6	33.4	77.8	165.9	709.2	F		
3.9	7.1	9.0	13.8	23.8	38.8	66.9	120.4	226.2	757.6	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
1.6	3.7	4.0	8.1	9.0	18.7	34.5	77.8	165.7	734.3	F		
0.3	1.0	2.6	4.5	13.3	26.3	55.2	119.3	223.8	611.1	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.2	0.8	1.7	4.8	8.9	21.2	50.7	95.0	159.9	368.0	F		
1.6	1.6	4.0	8.3	12.8	23.9	40.0	77.4	169.3	616.1	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.4	2.0	4.0	5.0	6.9	11.8	25.5	41.9	99.1	424.2	F		
0.2	0.2	0.4	1.2	1.0	1.6	3.5	3.3	7.3	17.5	M	Peptic ulcer	531-533/K25-K27
0.2	0.2	0.2	0.2	0.9	1.0	2.0	2.4	4.4	12.1	F		
1.8	4.9	9.1	17.9	23.7	27.8	36.0	38.2	37.2	35.8	M	Liver cirrhosis	571/K70, K74
1.6	3.2	5.4	6.2	8.8	9.4	15.1	18.8	18.5	17.5	F		
0.6	0.6	1.3	2.3	4.8	8.1	13.7	32.3	64.8	233.8	M	Renal disease	580-590/N00-N19
0.3	0.8	1.4	1.8	2.1	6.3	10.0	23.6	44.7	181.4	F		
0.7	0.2	-	-	0.1	-	-	-	-	-	M	Pregnancy, birth	630-676/A34,000-099
1.5	1.1	1.9	2.3	2.4	2.3	1.1	1.5	1.4	4.2	M	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
1.4	0.8	1.3	1.5	2.2	1.7	1.6	1.7	1.6	2.6	F		
2.4	3.9	4.8	6.2	5.1	7.0	6.5	13.4	18.4	65.6	M	Ill-defined causes	780-799/R00-R99
1.3	1.7	2.5	2.1	3.6	3.9	5.0	6.2	13.6	109.7	F		
9.1	16.2	20.9	35.8	51.8	82.8	135.8	237.0	519.9	1802.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
5.9	9.7	16.1	23.3	37.5	57.9	103.8	192.3	413.9	2089.2	F		
54.4	59.6	68.7	66.4	65.8	59.8	58.0	82.8	118.5	377.7	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
19.7	21.7	23.6	29.0	22.5	26.0	26.5	38.6	74.2	309.7	F		
9.2	9.5	8.3	9.5	10.4	9.1	9.0	13.1	13.8	21.3	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
3.9	3.6	4.0	5.1	2.5	4.5	4.2	6.0	9.0	8.8	F		
0.8	0.6	1.2	1.0	1.1	1.2	0.8	2.5	1.4	4.2	M	Fire	E890-E899/X00-X09
0.6	0.5	0.3	0.6	0.4	0.4	0.8	0.8	1.8	1.8	F		
22.9	22.2	28.9	26.9	24.5	20.9	16.3	18.4	19.1	24.4	M	Suicide	E950-E959/X60-X84
6.9	7.9	6.9	10.1	9.4	6.9	4.8	3.6	4.8	3.0	F		
1152	1219	1405	1306	1128	966	713	521	413	497	M	POPULATION	
1141	1201	1387	1312	1160	1005	757	585	502	842	F	(1000s; UN, 2015 revision)	

## CANADA: 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	– / 4.7	– / 2.6	–
35–69	9.9 / 38	7.0 / 25	24 years
70+	18 / 78	21 / 92	7 years
All ages	28 / 121	28 / 119	12 years

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

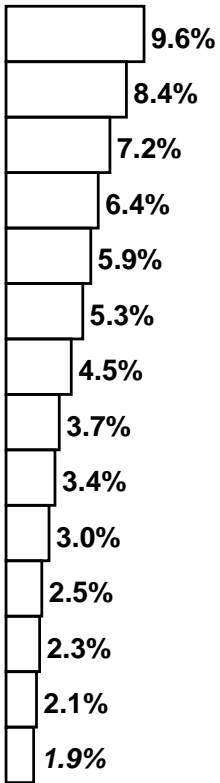
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	3.8/4.3	5.5/6.2	9.2/10	–/0.0	3.1/3.7	4.3/4.9	7.4/8.6
All Cancer	–/0.3	5.1/14 (36%)	7.9/23 (34%)	13/37	–/0.3	3.6/13 (27%)	5.5/21 (27%)	9.1/34
Vascular	–/0.2	2.8/9.5	4.3/24	7.1/34	–/0.1	1.5/3.7	6.9/30	8.4/34
Respiratory	–/0.1	0.9/1.8	4.0/8.8	4.8/11	–/0.1	0.8/1.4	4.7/9.0	5.5/11
All Other	–/4.1	1.1/13	1.8/22	2.9/38	–/2.1	1.1/6.7	3.6/32	4.7/41
All Causes	–/4.7	9.9/38 (26%)	18/78 (23%)	28/121	–/2.6	7.0/25 (28%)	21/92 (23%)	28/119

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

Cause	Male	Female	Male + Female
All Cancer	13 / 37 (35%)	9.1 / 34 (27%)	22 / 71 (31%)
All Causes	28 / 121 (23%)	28 / 119 (23%)	56 / 240 (23%)

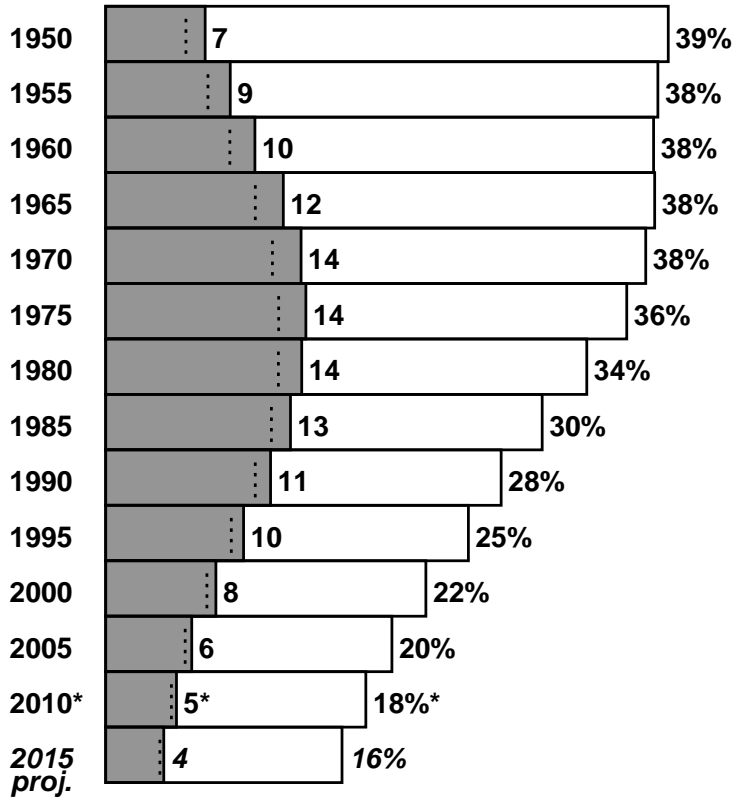
1950-2015: CANADA

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)

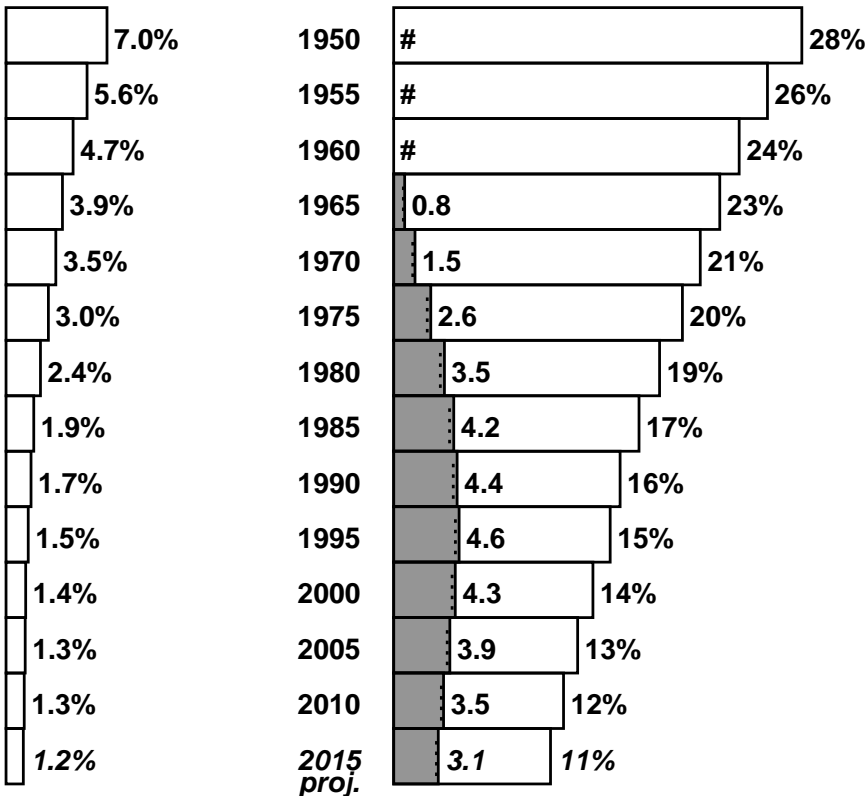
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

## CANADA: 1950-2015

*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	– / 4.4	– / 2.6	–
35–69	9.6 / 40	7.4 / 26	23 years
70+	18 / 84	23 / 97	7 years
All ages	28 / 129	30 / 126	12 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	–/14	6.8/29 (23%)	2.0/32 (6%)	8.8/75	–/9.7	0.0/17	0.0/27	0.0/54
1965	–/12	11/34 (33%)	5.5/40 (14%)	17/87	–/7.6	0.7/19 (4%)	0.1/35 (0.2%)	0.7/61
1975	–/11	15/40 (38%)	10/45 (23%)	26/96	–/5.6	2.8/21 (13%)	1.5/43 (3%)	4.2/70
1985	–/8.2	16/38 (42%)	15/53 (28%)	31/100	–/3.9	5.3/22 (24%)	6.0/55 (11%)	11/80
1995	–/6.7	14/38 (36%)	19/66 (29%)	33/111	–/3.2	6.6/22 (29%)	13/74 (18%)	20/99
2005	–/5.0	11/37 (29%)	19/74 (25%)	29/116	–/2.6	6.8/24 (29%)	19/87 (22%)	26/113
2015 proj.	–/4.4	9.6/40 (24%)	18/84 (21%)	28/129	–/2.6	7.4/26 (28%)	23/97 (24%)	30/126

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 2557 / 11898

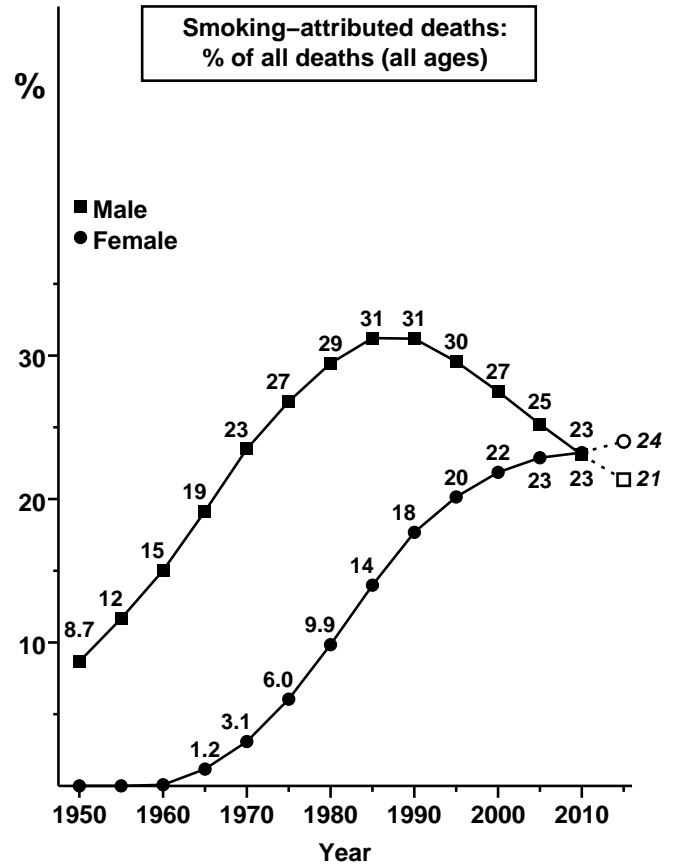
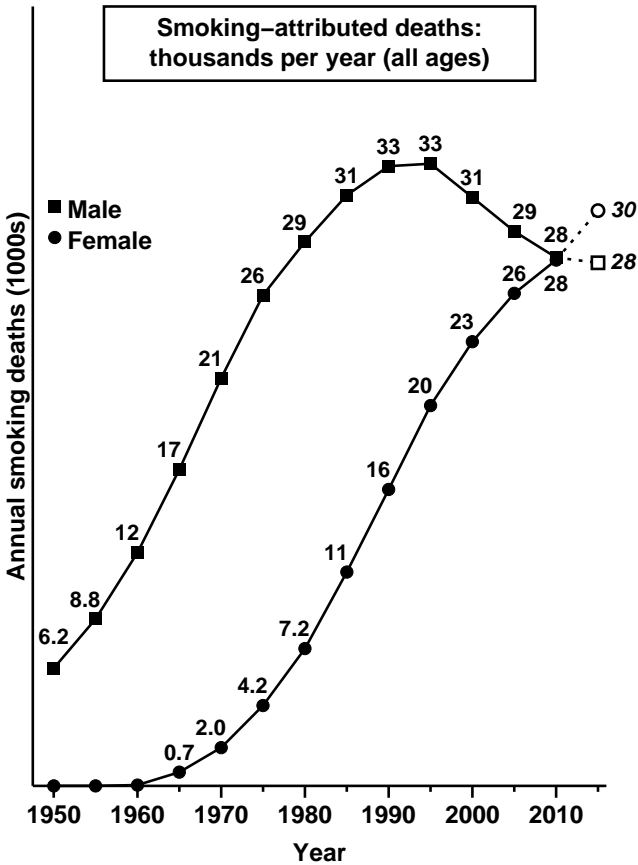
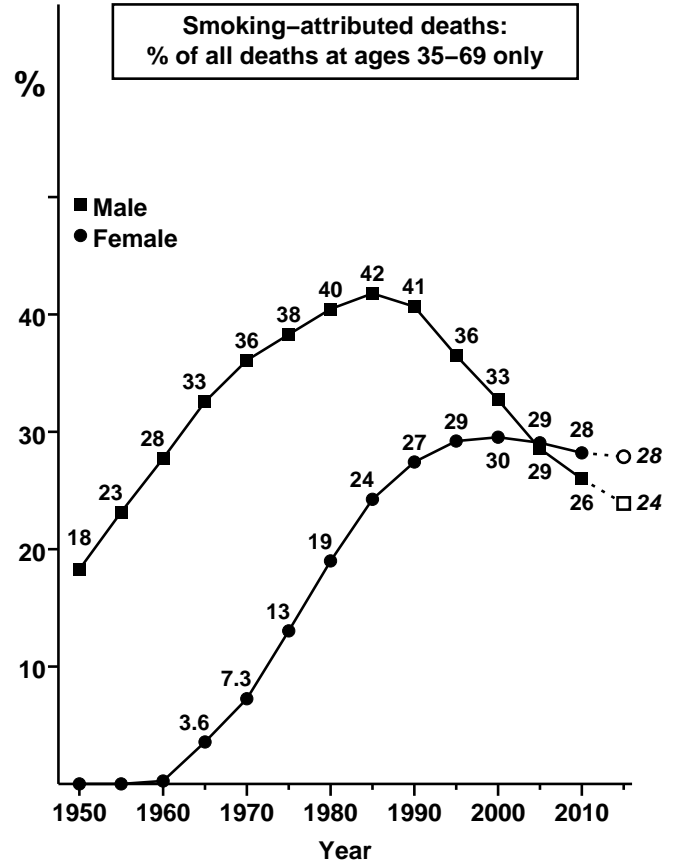
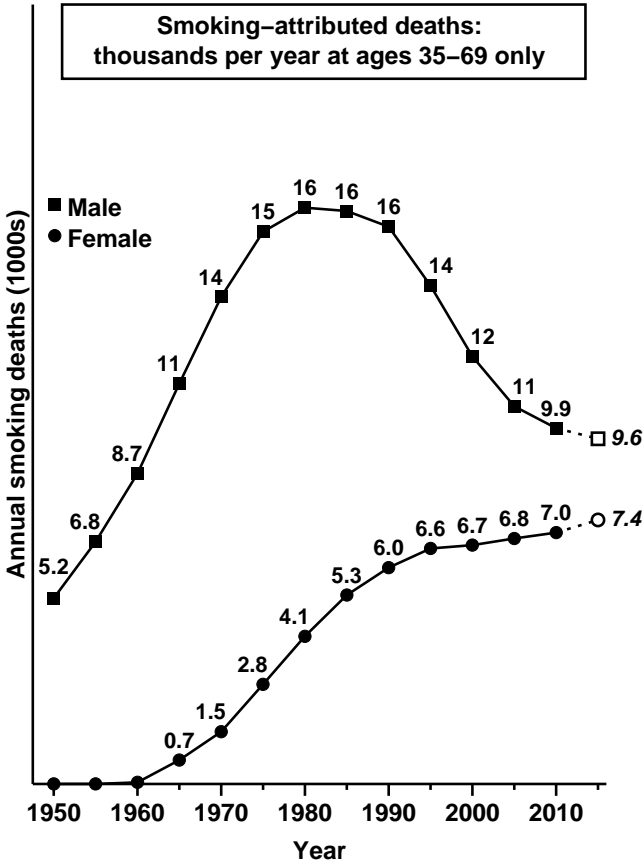
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

1960–2020, by age & sex:

–/477	766/2280 (34%)	866/3633 (24%)	1632/6389	–/256	295/1341 (22%)	630/3912 (16%)	925/5510
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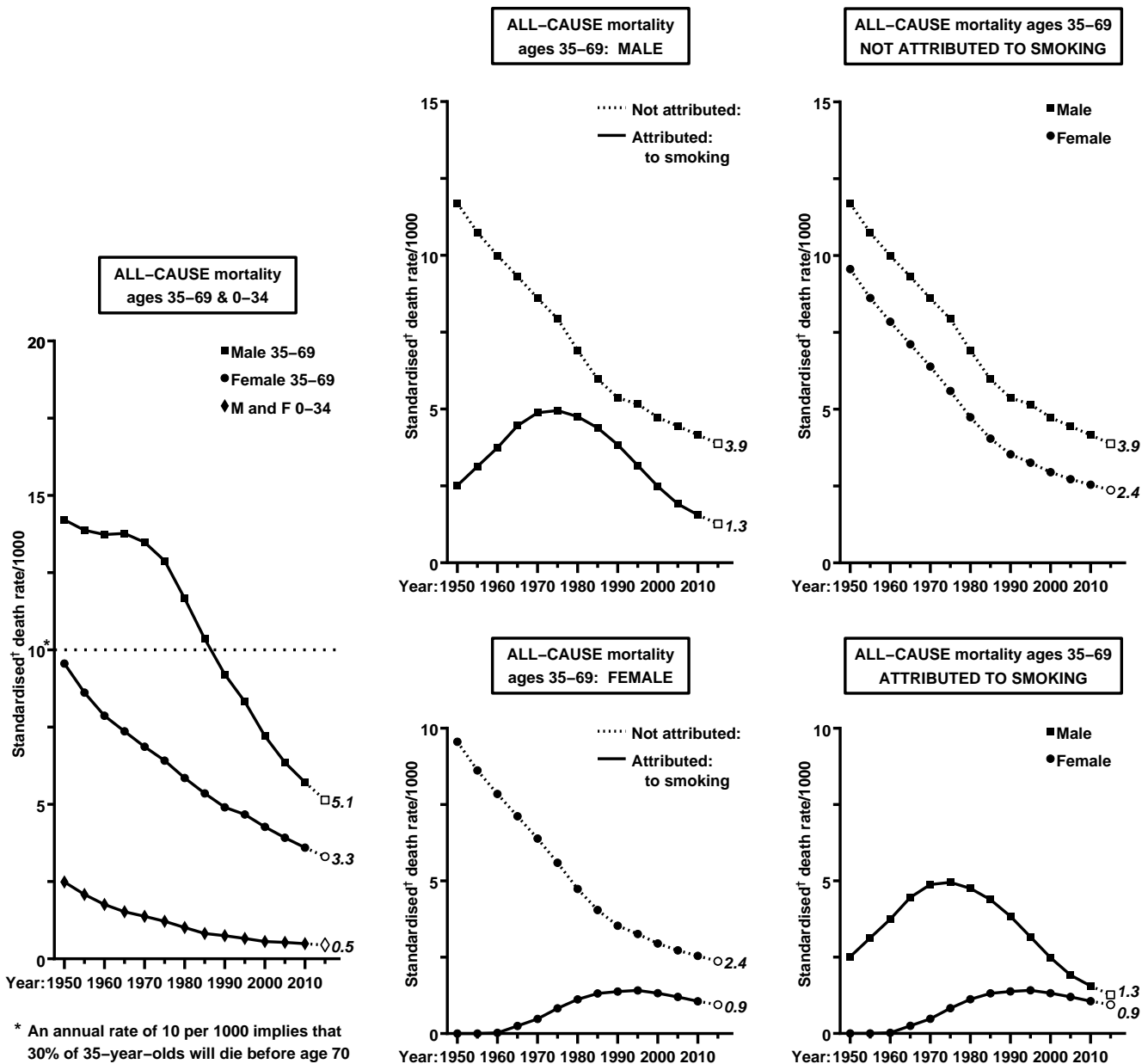


1950-2015: CANADA



**CANADA: 1950-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



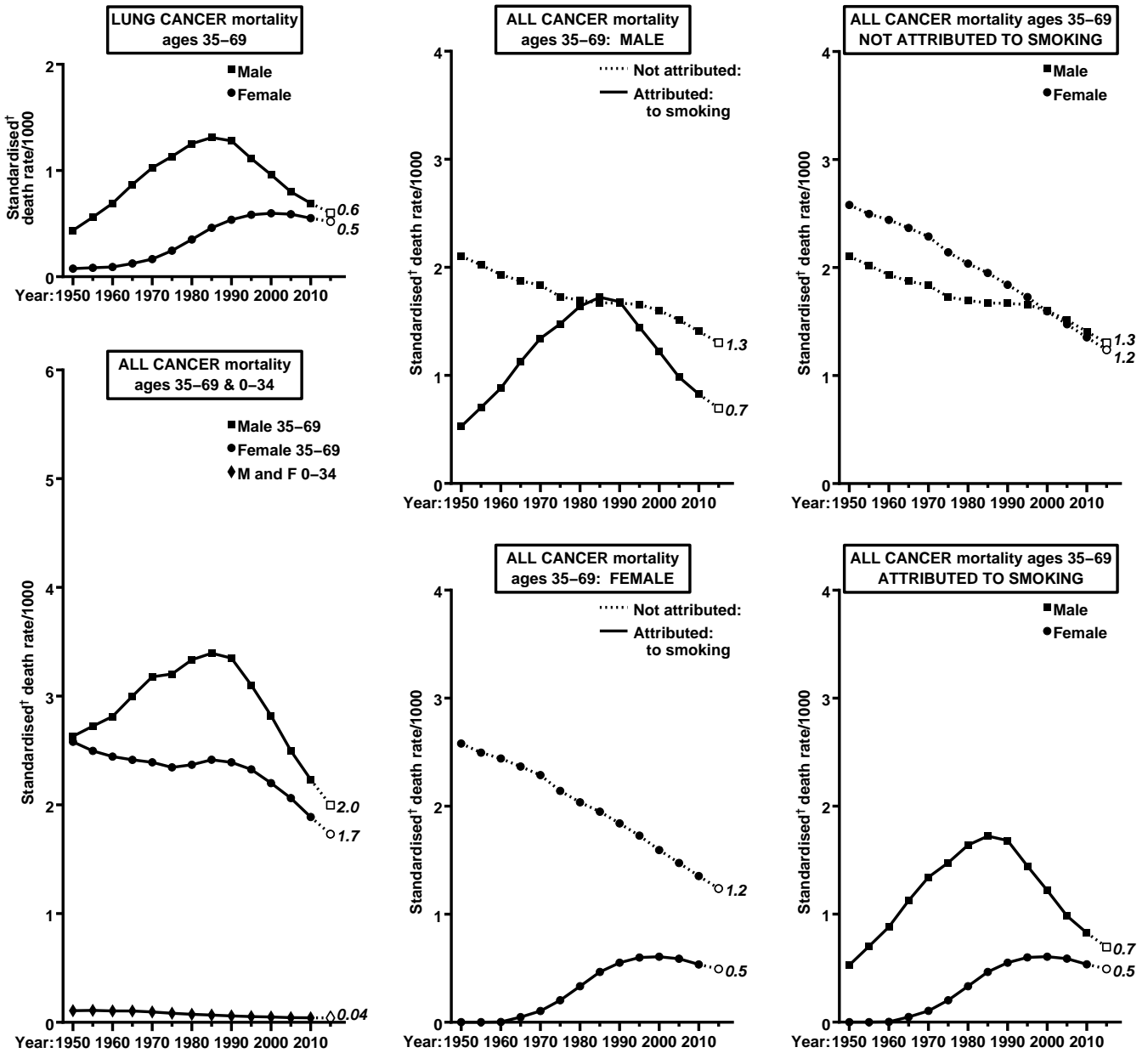
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.89	2.51	11.7	2.77	65.9	-	2.08	0.00	9.56	0.00	55.4				
1955	-	2.50	3.13	10.7	4.84	62.7	-	1.66	0.00	8.62	0.00	51.3				
1960	-	2.15	3.74	9.99	7.66	60.2	-	1.37	0.02	7.84	0.00	47.6				
1965	-	1.90	4.45	9.31	10.7	56.8	-	1.15	0.25	7.11	0.12	43.5				
1970	-	1.74	4.88	8.60	14.1	51.6	-	1.01	0.48	6.39	0.79	38.5				
1975	-	1.57	4.95	7.93	16.6	47.2	-	0.86	0.82	5.59	1.61	34.5				
1980	-	1.33	4.75	6.91	17.4	42.2	-	0.69	1.12	4.73	2.78	29.6				
1985	-	1.08	4.38	5.97	17.7	39.1	-	0.56	1.31	4.04	4.30	26.4				
1990	-	0.99	3.84	5.37	16.9	35.4	-	0.50	1.37	3.53	5.46	23.0				
1995	-	0.87	3.16	5.16	15.5	33.3	-	0.44	1.41	3.26	6.30	21.2				
2000	-	0.72	2.48	4.73	13.1	30.4	-	0.39	1.32	2.95	6.53	18.9				
2005	-	0.68	1.91	4.44	10.8	26.5	-	0.38	1.20	2.72	6.42	16.7				
2010	-	0.61	1.55	4.16	8.80	23.8	-	0.36	1.06	2.54	6.10	14.9				
2015	-	0.55	1.26	3.88	7.21	21.2	-	0.35	0.94	2.37	5.82	13.3				

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

ALL CANCER mortality rates attributed and not attributed to smoking



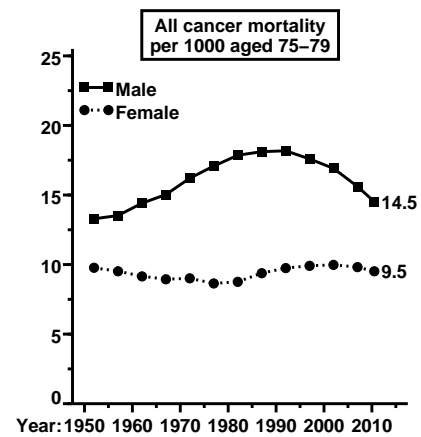
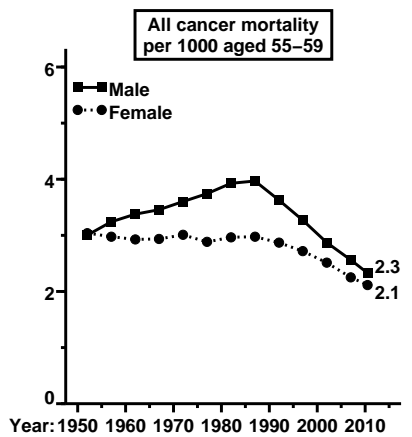
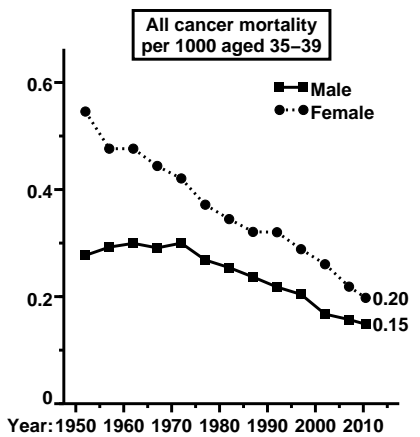
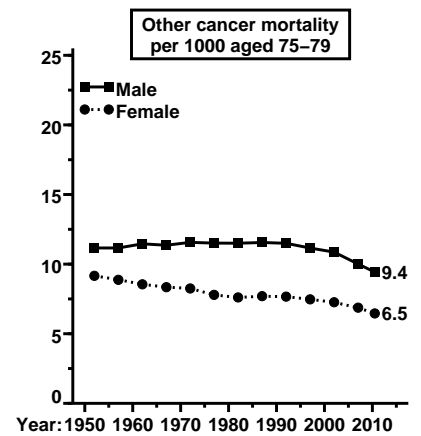
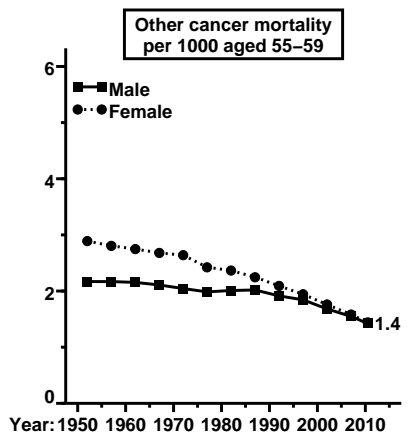
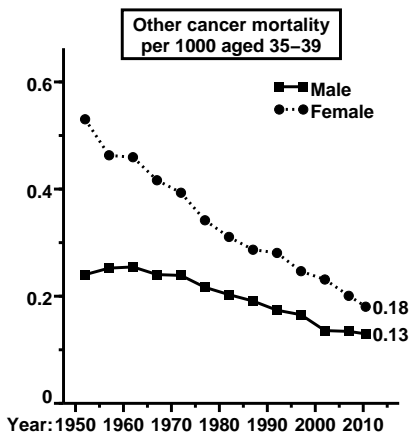
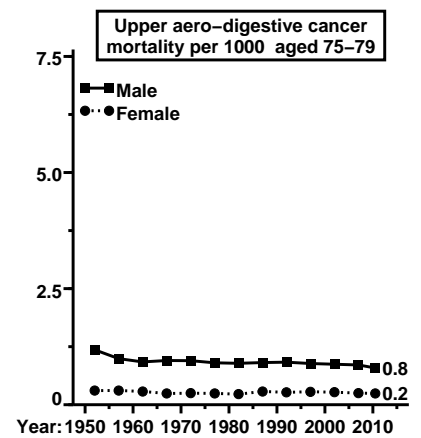
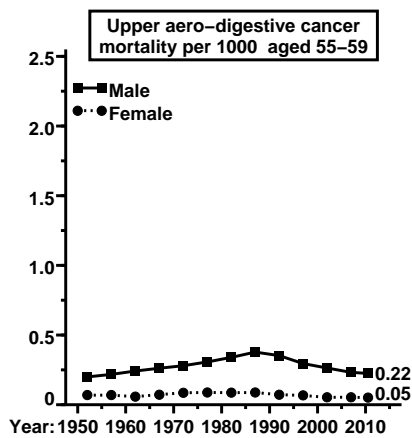
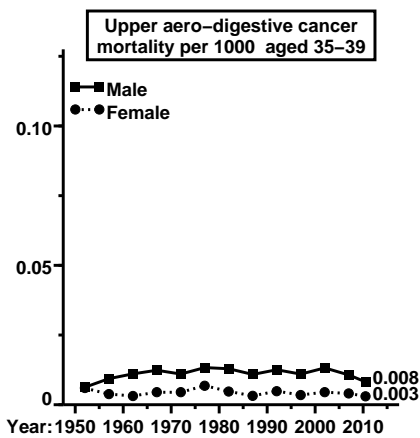
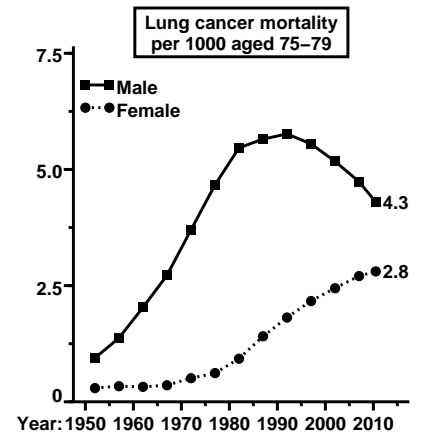
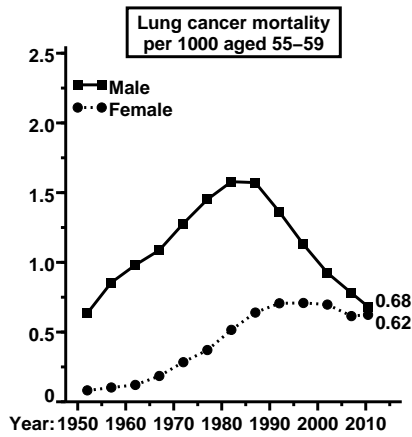
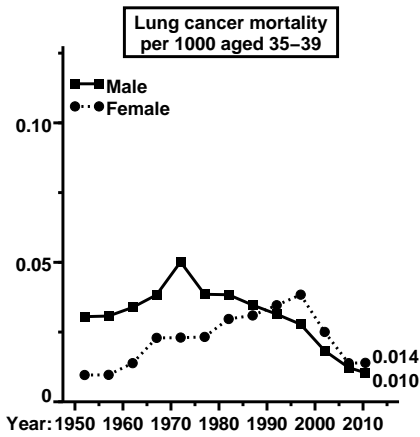
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
			Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950	-	0.11	0.53	2.10	0.77	10.4	-	0.11	0.00	2.58	0.00	8.63				
1955	-	0.11	0.70	2.02	1.37	10.4	-	0.10	0.00	2.50	0.00	8.44				
1960	-	0.11	0.88	1.93	2.17	10.2	-	0.10	0.00	2.44	0.00	8.08				
1965	-	0.11	1.13	1.87	3.11	9.90	-	0.10	0.05	2.37	0.02	7.90				
1970	-	0.10	1.34	1.84	4.26	9.64	-	0.09	0.10	2.29	0.14	7.67				
1975	-	0.09	1.48	1.73	5.34	9.32	-	0.08	0.20	2.14	0.33	7.47				
1980	-	0.08	1.64	1.69	6.16	9.08	-	0.07	0.33	2.04	0.66	7.10				
1985	-	0.07	1.72	1.67	6.68	9.16	-	0.06	0.46	1.95	1.16	7.08				
1990	-	0.06	1.68	1.67	6.87	9.07	-	0.06	0.55	1.84	1.66	6.87				
1995	-	0.05	1.45	1.66	6.64	8.87	-	0.05	0.60	1.73	2.06	6.70				
2000	-	0.05	1.22	1.60	6.10	8.81	-	0.05	0.61	1.59	2.38	6.38				
2005	-	0.05	0.98	1.51	5.51	8.29	-	0.04	0.59	1.47	2.61	6.08				
2010	-	0.04	0.83	1.41	4.78	7.84	-	0.04	0.54	1.35	2.67	5.70				
2015	-	0.04	0.69	1.30	4.15	7.39	-	0.04	0.49	1.24	2.73	5.32				

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

**CANADA: 1950-2011**

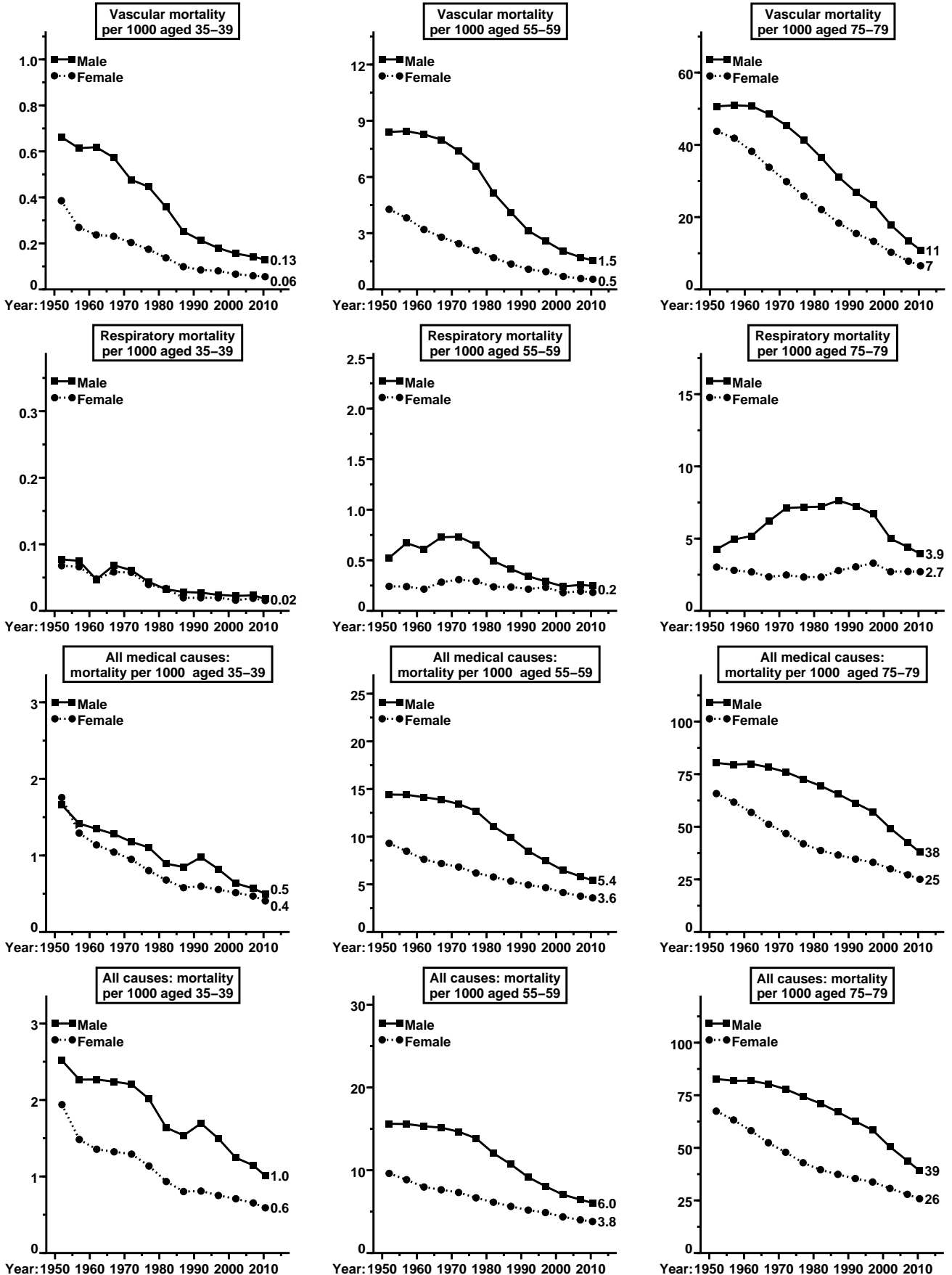
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

1950-2011: CANADA

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

## 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:														
(1000s; UN, 2015 revision)			M=male		8051.5	4722.9	2892.3	643.3	562.1	626.4	769.5	818.8	715.6	587.2
			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/
1.8	1.4	1.8	1.1	1.5	2.0	1.9	4.5	1.1	2.5	F		A15-A19, B90
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

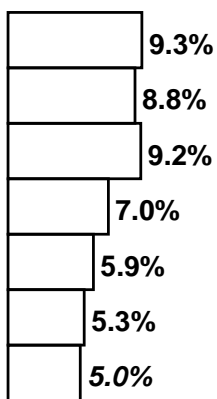
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

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%)



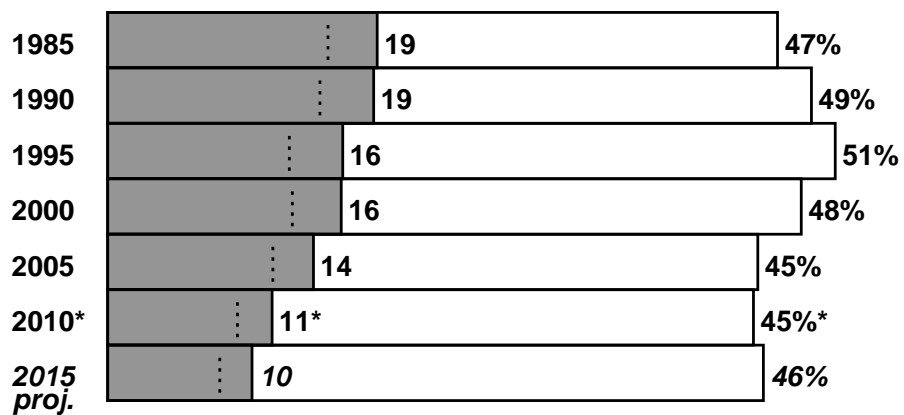
1985-2015: CAUCASIA (3 countries)

Population risk of dying at ages 0–34



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

MALE



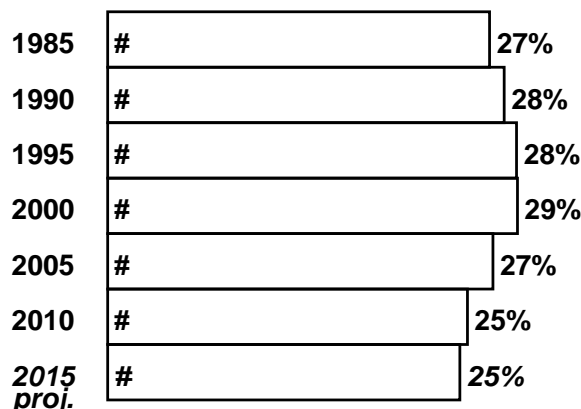
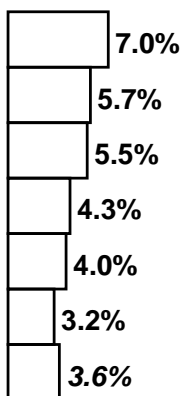
\*eg, at year 2010 male death rates, out of 100 men aged 35, 45 would die before age 70 (with 11 of these deaths attributed to smoking)

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
<b>All ages</b>	<b>13 / 92</b>	<b>1.5 / 89</b>	<b>16 years</b>

## 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 <b>(42%)</b>	3.7/26 <b>(14%)</b>	16/69	–/11	1.2/18 <b>(7%)</b>	1.0/38 <b>(3%)</b>	2.2/67
1995	–/14	14/43 <b>(33%)</b>	2.6/24 <b>(11%)</b>	17/81	–/8.3	1.1/24 <b>(4%)</b>	0.2/39 <b>(0.6%)</b>	1.3/71
2005	–/7.4	11/36 <b>(31%)</b>	4.6/35 <b>(13%)</b>	16/78	–/4.6	0.9/22 <b>(4%)</b>	1.3/45 <b>(3%)</b>	2.2/71
2015 <i>proj.</i>	–/7.4	9.3/42 <b>(22%)</b>	3.2/42 <b>(8%)</b>	13/92	–/4.6	0.5/22 <b>(2%)</b>	1.0/62 <b>(2%)</b>	1.5/89

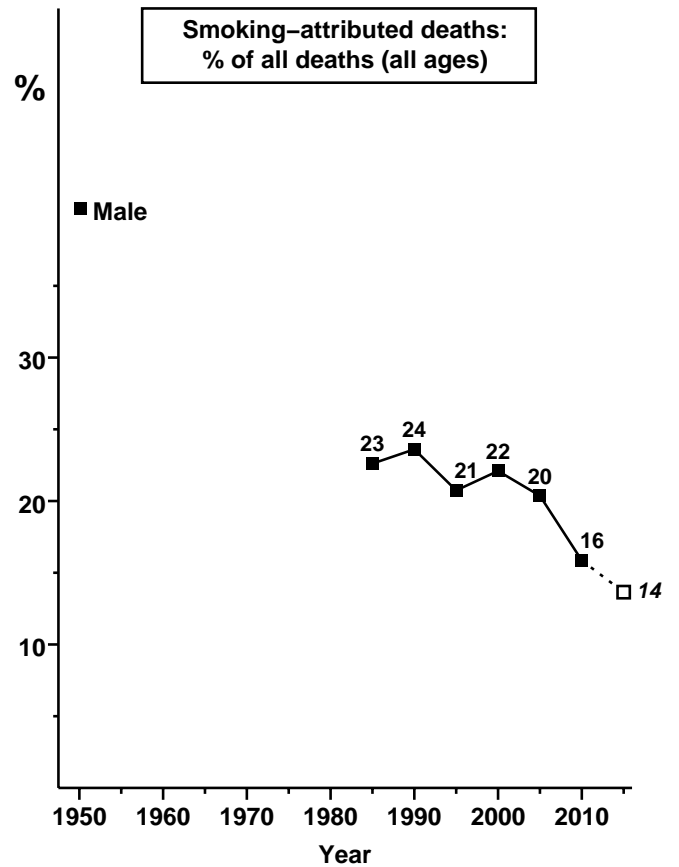
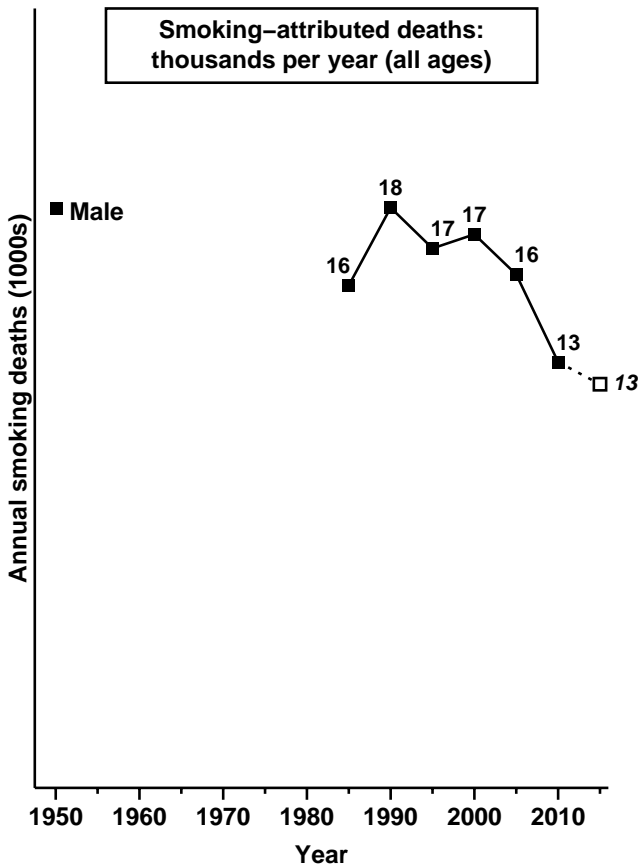
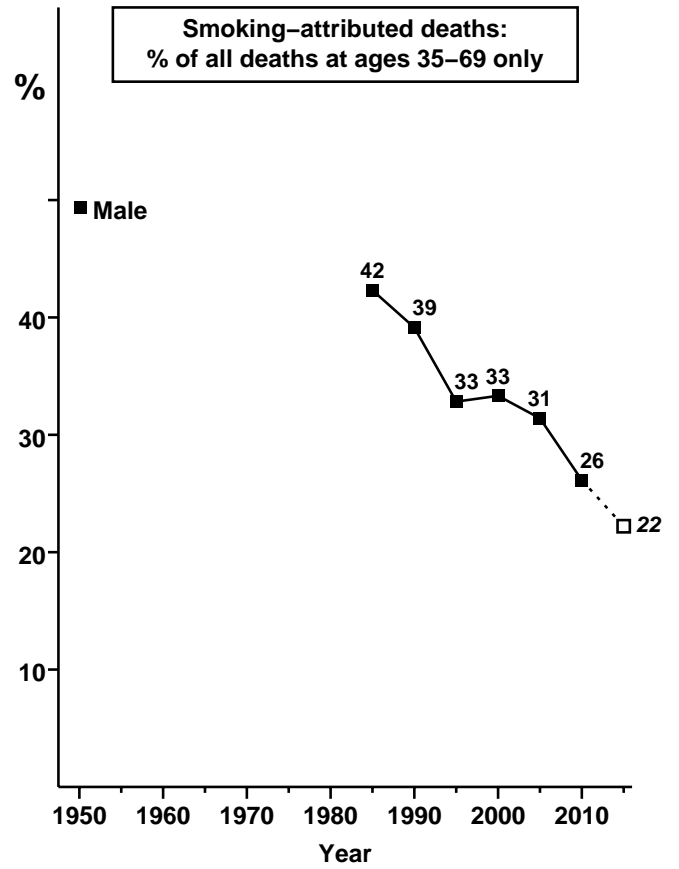
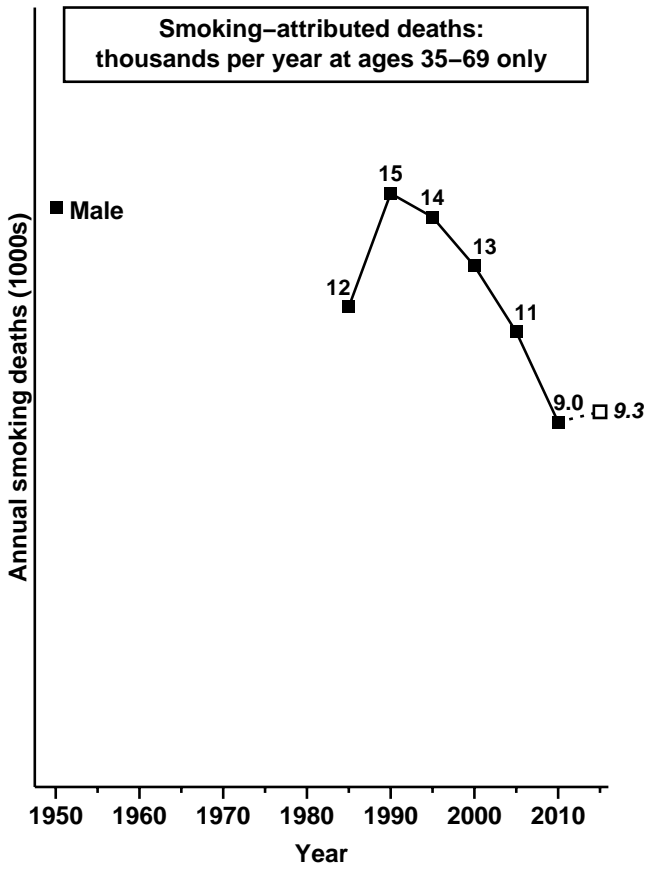
40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 679 / 6179

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

## 1980–2020, by age &amp; sex:

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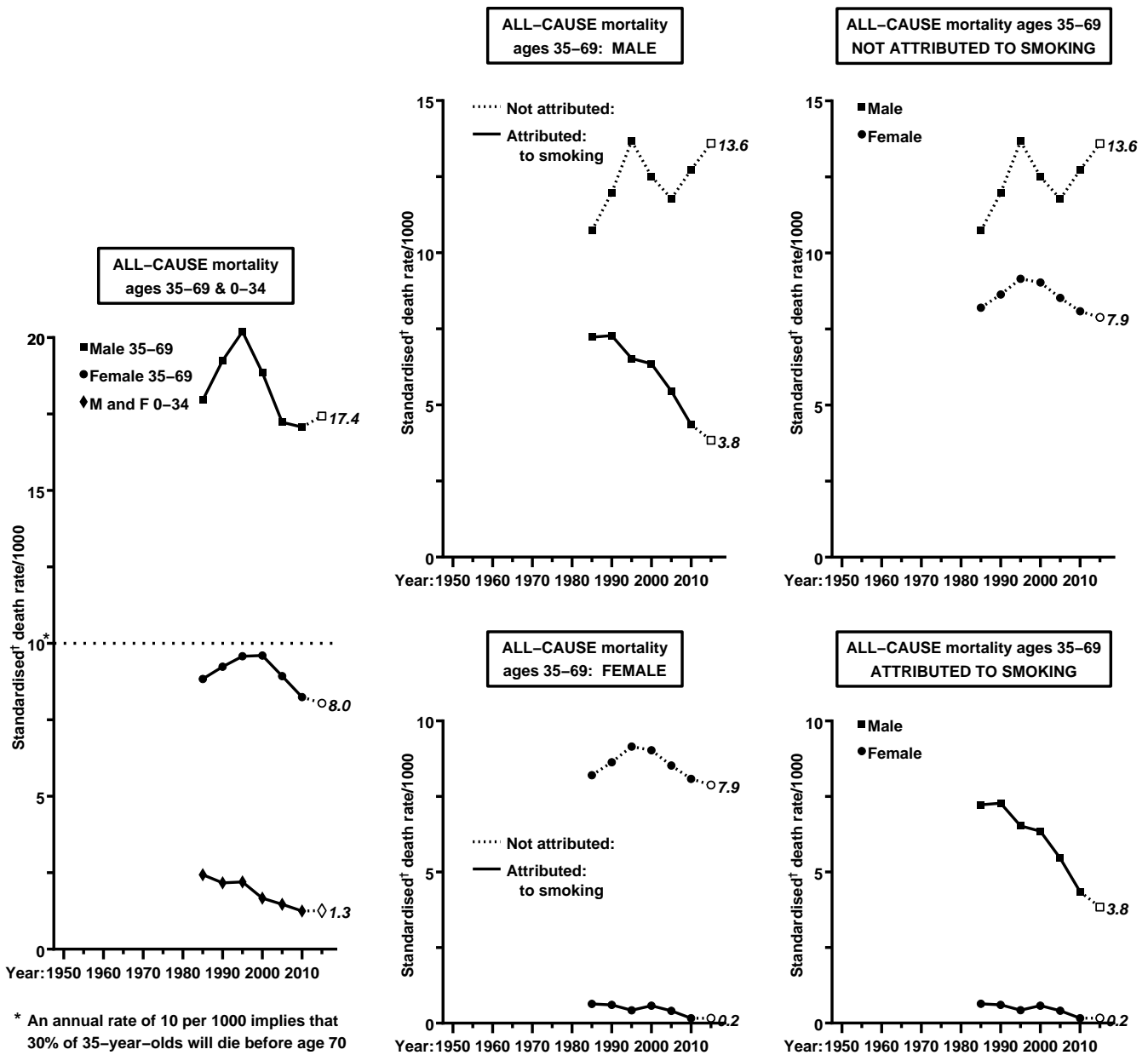
1985-2015: CAUCASIA (3 countries)



**CAUCASIA (3 countries): 1985-2015**

See note on page 105

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

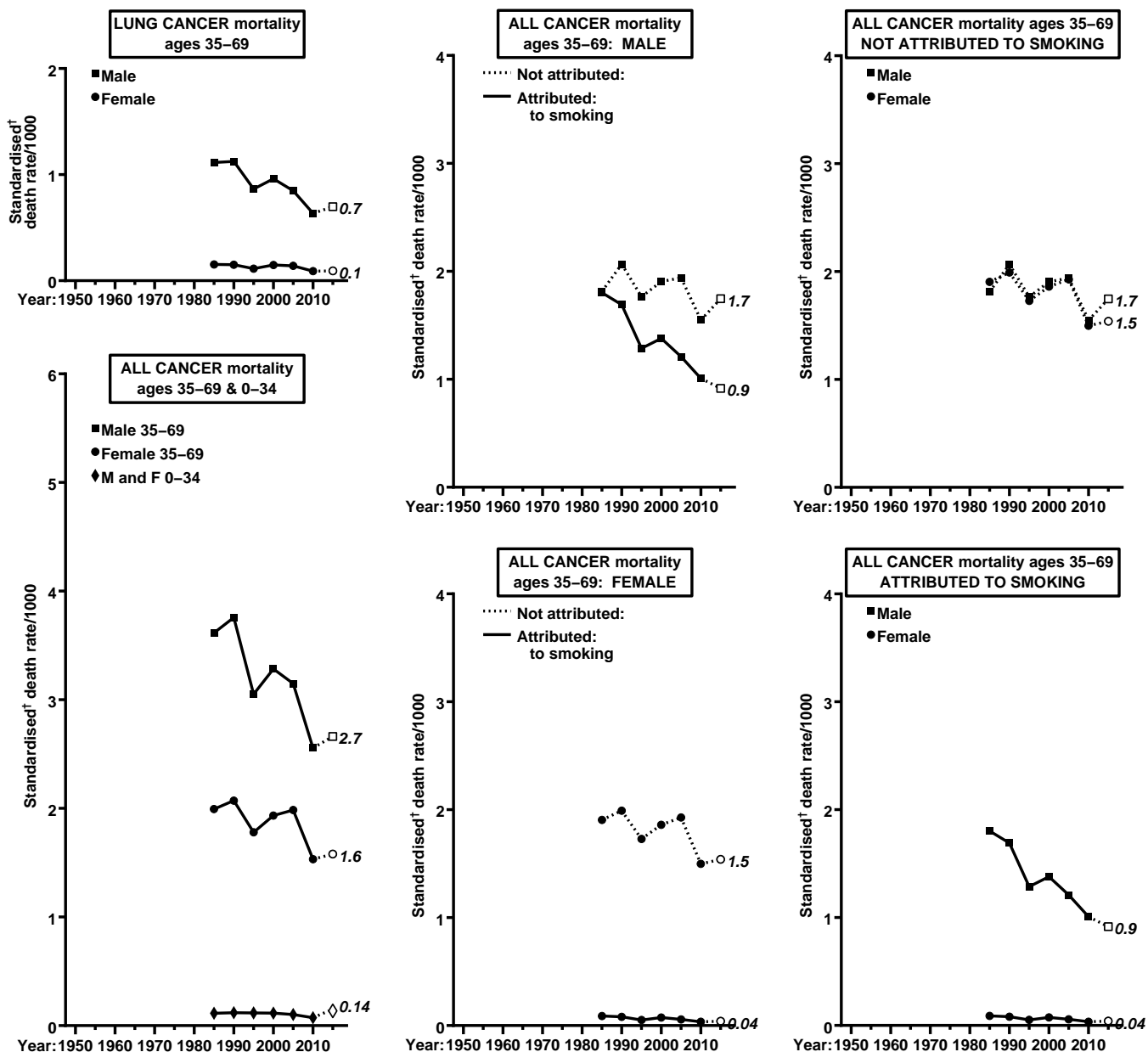
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	
1985	-	2.80	7.22	10.7	13.7	72.0	-	2.07	0.63	8.20	1.61	54.2
1990	-	2.65	7.28	12.0	13.7	67.3	-	1.69	0.60	8.63	1.39	52.9
1995	-	2.77	6.52	13.7	10.9	78.2	-	1.62	0.42	9.15	0.64	57.5
2000	-	2.07	6.35	12.5	12.4	74.4	-	1.26	0.58	9.03	1.02	62.3
2005	-	1.75	5.45	11.8	11.6	70.7	-	1.18	0.41	8.52	1.89	56.5
2010	-	1.56	4.35	12.7	8.61	72.1	-	0.93	0.16	8.08	0.98	58.6
2015	-	1.47	3.84	13.6	6.94	74.4	-	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



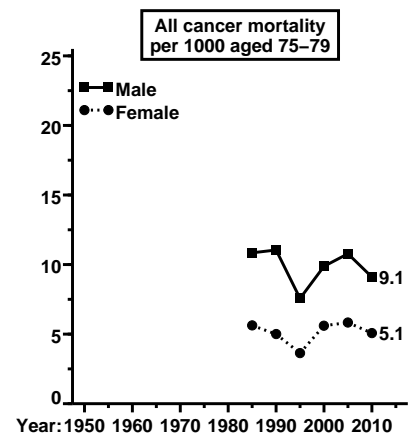
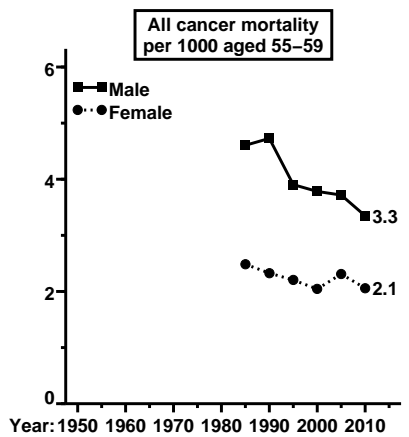
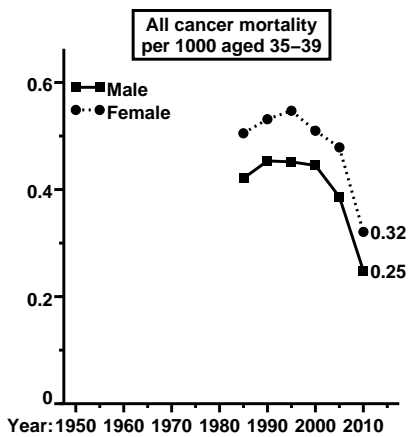
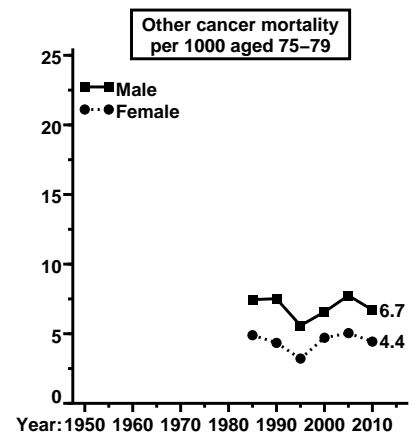
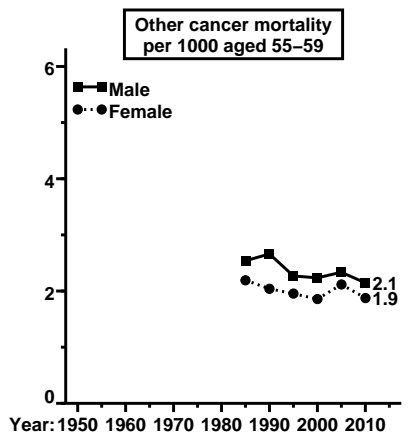
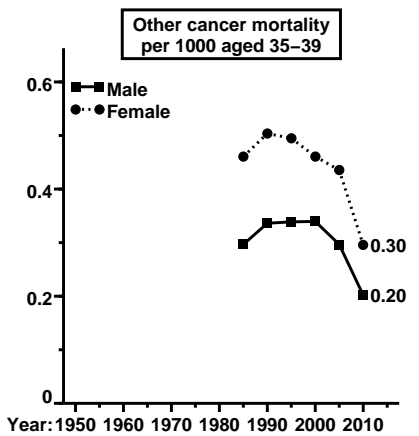
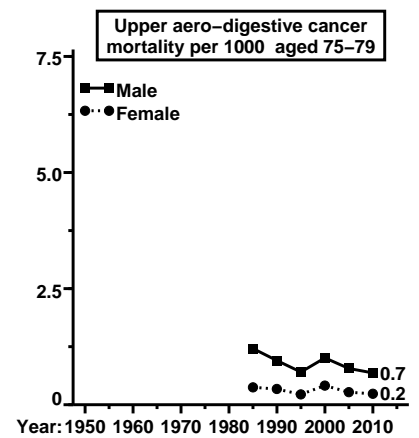
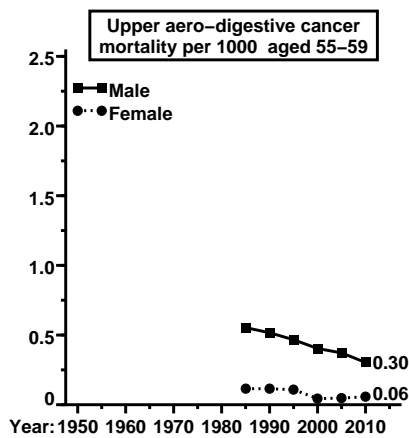
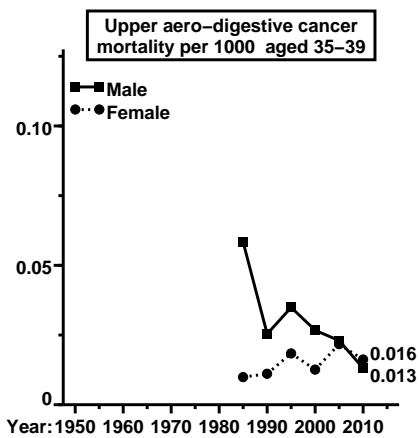
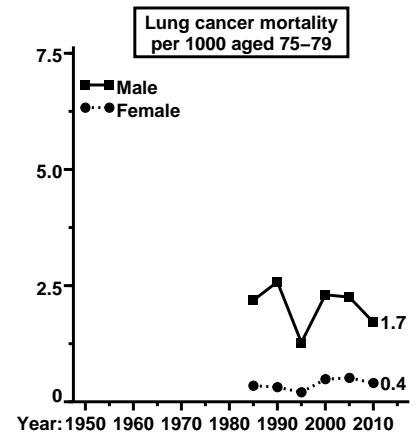
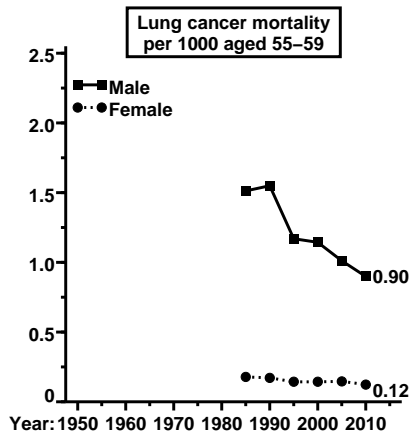
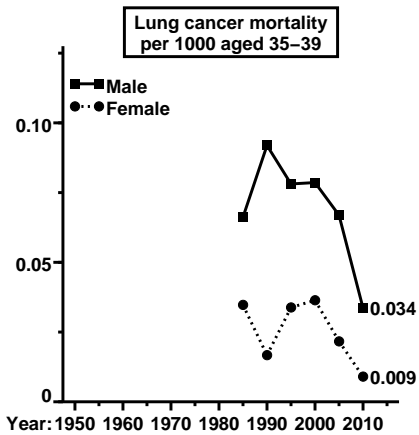
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	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**

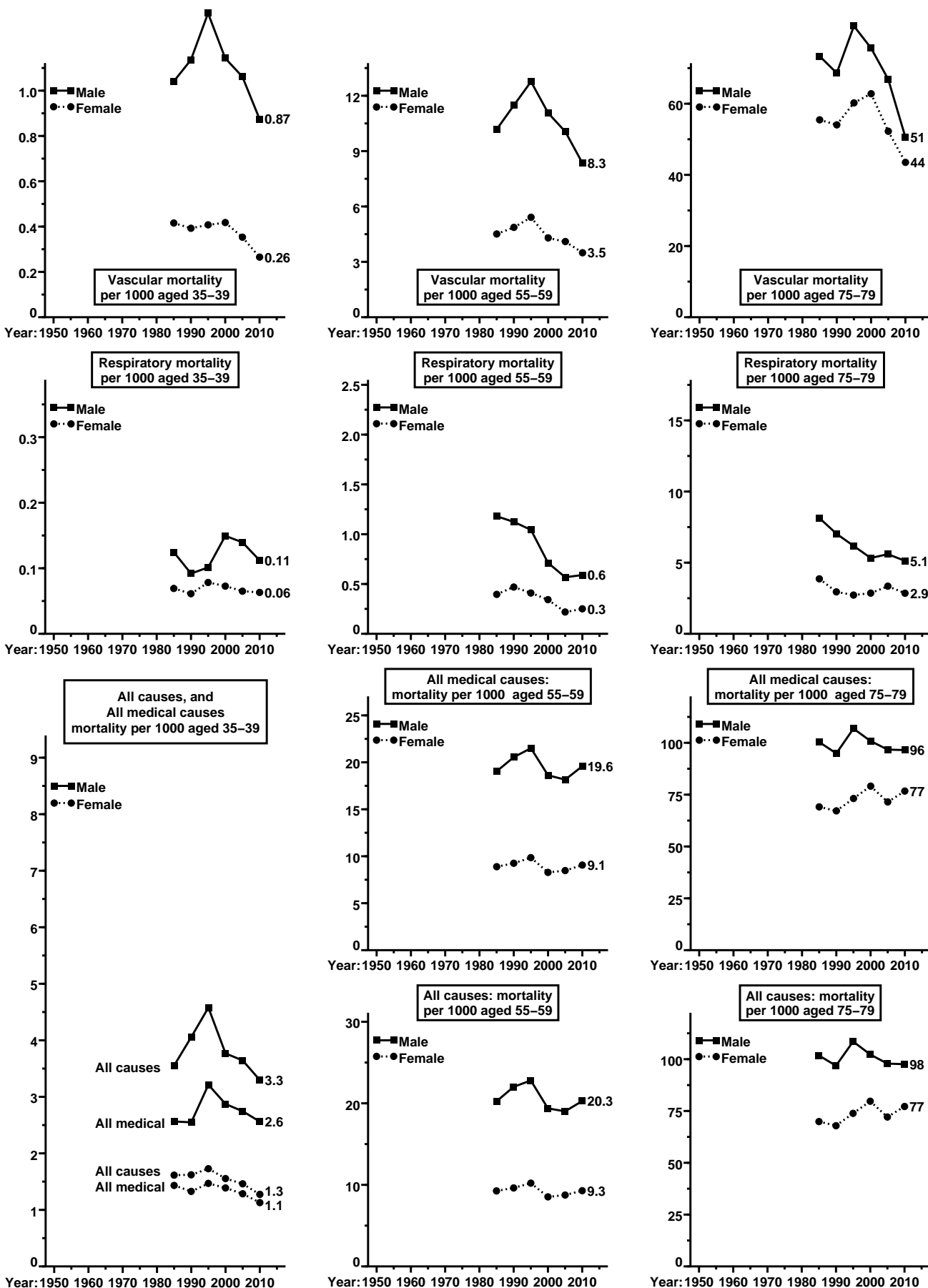
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* 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





## 2010: CENTRAL ASIA (5 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			
599.9	831.9	1078.9	1591.8	2315.6	3801.3	7199.5	7947.7	13120.7	16438.9	M	ALL CAUSES	001-999/A00-Y89
241.7	349.4	466.6	699.1	1096.5	1862.6	4131.2	5023.0	9333.1	16307.3	F		
39.9	50.3	45.6	49.6	47.5	55.8	80.0	44.7	36.4	27.1	M	Tuberculosis	010-018, 137/A15-A19, B90
14.3	18.2	15.3	11.3	15.3	13.2	30.1	14.9	17.8	7.0	F		
7.5	8.5	7.8	6.2	9.3	8.3	18.8	9.8	8.1	7.8	M	Other infective and parasitic	Rest of 001-139,279.5&6/rest of A00-B99 excl A33,A34
3.0	3.7	3.5	3.8	3.1	5.1	11.0	8.6	9.6	6.3	F		
31.9	52.1	95.2	179.3	337.5	553.7	928.3	860.0	915.8	720.0	M	ALL CANCER	140-208/C00-C97
41.1	72.3	111.8	157.5	213.0	296.1	493.7	477.7	574.8	471.4	F		
1.4	2.5	4.9	7.9	16.3	19.5	36.2	30.6	30.1	15.1	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	1.2	2.1	4.3	5.0	8.0	10.4	9.4	10.5	9.4	F		
0.8	1.6	4.1	8.2	20.3	38.6	85.7	69.1	83.2	67.2	M	Oesophagus cancer	150/C15
1.4	2.5	4.2	5.8	9.1	15.9	42.4	40.6	43.6	42.8	F		
5.3	9.1	18.1	36.9	60.2	109.8	191.0	175.0	181.7	151.2	M	Stomach cancer	151/C16
4.9	5.6	10.6	15.0	20.4	33.9	69.2	70.2	84.9	64.3	F		
2.0	3.8	4.7	8.1	20.3	31.0	62.8	61.8	70.6	70.9	M	Colorectal cancer	153, 154/C18-C21
1.5	3.1	5.6	10.0	14.4	25.5	42.8	46.6	72.5	54.2	F		
2.2	2.5	7.0	15.6	23.1	39.5	70.9	72.3	54.9	54.2	M	Liver cancer	155.0/C22 excl C221
1.6	2.4	5.1	7.5	9.1	22.1	39.3	32.6	34.0	29.5	F		
1.2	1.6	4.7	8.0	14.5	24.0	33.1	34.5	28.3	22.4	M	Pancreas cancer	157/C25
0.4	1.4	2.4	6.2	7.3	11.5	20.6	27.0	24.1	30.7	F		
0.5	0.8	2.3	5.1	9.6	20.3	32.0	23.1	30.1	18.2	M	Larynx cancer	161/C32
0.7	1.1	1.3	2.2	1.9	2.9	9.8	4.5	5.7	2.7	F		
3.4	7.0	17.1	45.1	87.4	143.1	205.8	193.7	188.5	105.3	M	Lung cancer	162/C33, C34
1.7	3.1	4.9	7.8	14.1	21.6	44.4	32.0	41.6	32.2	F		
0.3	0.3	0.6	0.7	1.2	3.7	4.4	7.8	5.4	5.7	M	Malignant melanoma	172/C43
0.2	0.4	0.4	0.7	1.8	1.2	3.0	2.2	6.5	5.8	F		
6.9	16.0	26.8	32.0	45.5	51.1	57.0	53.9	72.7	67.0	F	Female breast cancer	174/C50
7.6	14.0	16.8	20.6	19.9	18.5	28.5	27.4	32.8	18.1	F	Cervix cancer	180/C53
1.3	2.8	5.1	7.2	8.8	14.8	18.3	17.2	18.7	16.2	F	Other uterine cancer	179, 182/C54, C55
1.8	3.3	6.1	9.3	12.3	16.1	21.6	21.3	14.4	8.9	F	Ovarian cancer	183/C56, C570-C574
0.3	0.1	0.7	1.8	5.8	13.8	30.0	41.5	54.9	68.3	M	Prostate cancer	185/C61
0.1	0.8	2.0	2.6	6.7	14.0	21.6	25.8	36.4	34.9	M	Bladder cancer	188/C67
-	0.5	0.3	0.8	0.9	1.3	4.7	4.0	4.0	5.6	F		
9.2	15.7	22.0	29.7	57.0	75.3	127.1	99.5	129.1	91.8	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
6.6	9.7	14.6	22.4	34.3	39.2	64.7	74.3	90.6	76.2	F		
0.2	0.5	0.6	0.7	1.0	1.8	1.8	1.8	0.9	0.5	M	Hodgkin's disease	201/C81
0.3	0.5	0.5	0.4	0.5	0.1	1.2	0.3	2.5	0.7	F		
1.9	1.5	1.7	3.3	5.9	6.7	9.9	8.9	10.3	5.7	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C90, C91
0.9	1.1	1.6	2.0	2.9	4.7	7.3	6.4	3.7	4.1	F		
3.0	4.3	4.8	5.4	8.6	13.5	15.9	14.6	11.2	8.3	M	Leukaemia	204-208/C91-C95
2.5	3.6	3.4	3.2	4.6	7.6	8.6	8.0	12.2	2.9	F		
4.5	8.2	13.2	29.2	59.5	83.0	163.1	113.2	134.5	70.4	M	Diabetes	250/E10-E14
3.3	5.6	9.8	22.3	49.0	83.5	166.5	118.2	157.4	85.1	F		
142.1	257.7	426.5	747.6	1168.7	2163.0	4569.6	5432.4	9374.6	11628.5	M	ALL VASCULAR DISEASE	390-459/I00-I99
55.3	96.0	165.3	292.2	533.1	1084.0	2722.0	3611.2	6928.8	11977.0	F		
5.5	7.3	11.0	12.4	14.6	13.3	19.8	9.6	5.8	10.4	M	Rheumatic heart disease and fever	390-398/I00-I09
4.9	11.0	12.8	15.2	14.7	16.4	14.1	12.9	6.2	5.8	F		
6.6	15.9	35.4	76.0	125.7	243.7	617.5	556.8	901.9	640.2	M	Hypertensive disease	401-405/I10-I15
4.4	10.1	20.9	46.1	80.5	151.4	418.4	419.3	673.6	657.9	F		
51.9	112.0	189.8	323.6	533.0	1009.5	2228.9	2768.1	5091.9	6323.4	M	Ischaemic heart disease	410-414/I20-I25
14.1	26.8	45.6	89.3	193.8	454.6	1226.2	1702.5	3511.7	5849.2	F		
1.8	1.9	4.2	2.8	7.8	7.2	6.2	10.0	10.8	15.1	M	Pulmonary embolism and other venous	415.1, 451-453/126, 180-182
0.8	1.0	2.3	2.5	3.1	4.0	7.3	7.3	14.4	22.5	F		
23.2	50.7	94.5	186.4	305.9	592.8	1168.8	1378.9	2251.3	2916.4	M	Cerebrovascular disease	430-438/I60-I69
11.2	21.6	52.7	96.7	173.0	329.5	745.1	998.1	1845.6	3360.4	F		
53.1	69.8	91.5	146.5	181.7	296.5	528.4	709.0	1112.8	1723.0	M	Other vascular disease	Rest of 390-459/rest of I00-I99
19.8	25.5	31.1	42.3	68.0	128.2	310.9	471.1	877.4	2081.2	F		
9.1	9.8	20.5	37.9	62.1	145.4	307.7	416.2	694.5	859.2	M	Chronic obstructive pulmonary disease	490-496/J40-J47, J67
4.7	8.2	9.7	13.2	24.5	56.7	142.1	185.5	330.9	525.8	F		
16.6	23.7	28.0	37.7	51.1	70.8	139.4	125.7	214.6	244.5	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
7.9	9.7	11.5	12.3	14.9	23.7	66.4	64.1	88.6	145.4	F		
3.5	6.7	7.8	11.5	17.1	25.5	33.4	28.3	53.1	33.9	M	Peptic ulcer	531-533/K25-K27
0.9	1.8	2.1	3.1	4.1	5.5	9.6	11.6	20.1	19.6	F		
48.3	76.1	96.1	127.5	175.9	218.4	306.9	249.2	280.2	169.4	M	Liver cirrhosis (incl. some other digestive)	571/K70, K74
23.1	34.1	38.2	66.8	93.5	125.5	196.5	164.6	192.4	144.4	F		
17.4	20.1	20.6	24.3	36.1	43.5	79.7	88.1	115.6	156.9	M	Renal disease	580-590/N00-N19
13.1	12.9	12.9	21.3	19.9	21.9	54.0	47.1	82.9	139.3	F		
5.5	2.3	0.2	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.7	1.7	1.6	1.0	1.5	1.8	0.5	3.0	0.9	0.5	F	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.7	0.7	0.7	0.8	1.4	1.3	2.2	1.8	1.1	-	F		
20.6	25.6	26.1	41.1	40.8	54.8	94.1	212.2	884.8	2165.1	M	Ill-defined causes	780-799/R00-R99
3.4	5.6	6.0	7.4	9.3	16.1	40.5	137.9	694.2	2575.8	F		
38.4	52.9	66.9	71.7	96.4	131.6	211.3	176.8	202.4	152.2	M	Other medical causes	Rest of 001-799/rest of A00-R99
27.2	34.1	37.2	42.6	57.9	70.4	126.8	112.5	138.7	119.0	F		
219.5	238.4	223.2	227.2	212.0	245.8	266.8	188.0	205.1	203.3	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
38.2	44.5	42.3	44.5	57.6	59.5	69.8	67.4	95.7	91.2	F		
38.2	37.8	34.4	29.4	22.0	30.6	44.3	29.9	36.0	25.0	M	Road traffic accidents	E810-E819, E826-E829/part of V01-V99, Y850
6.4	8.5	8.1	6.8	8.5	8.3	14.4	9.1	17.6	10.2	F		
3.0	3.9	3.3	4.7	3.5	6.3	7.3	7.5	9.0	5.2	M	Fire	E890-E899/X00-X09
1.8	1.4	2.0	1.3	2.1	1.9	2.2	2.1	3.4	2.7	F		
31.8	35.3	33.3	33.0	28.1	31.0	34.6	27.1	31.9	37.0	M	Suicide	E950-E959/X60-X84
5.8	6.3	5.0	4.7	5.2	4.4	6.5	6.7	8.5	11.4	F		
2000	1759	1740	1413	982	600	384	438	222	192	M	POPULATION	
2095	1884	1904	1582	1164	750	491	629	353	413	F	(1000s; UN, 2015 revision)	

## CENTRAL ASIA (5 countries): 2010

See note on page 115

## 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	– / 55	– / 33	–
35–69	35 / 141	3.9 / 79	18 years
70+	11 / 96	3.8 / 132	7 years
All ages	47 / 291	7.7 / 244	15 years

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

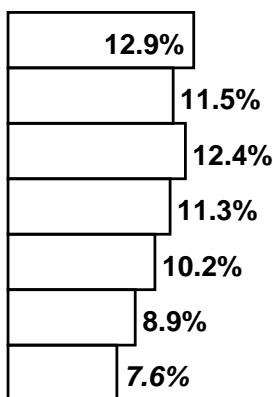
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.1	3.3/3.6	1.2/1.5	4.4/5.2	–/0.1	0.3/0.9	0.2/0.5	0.4/1.4
All Cancer	–/1.9	5.5/16 (35%)	1.9/7.2 (26%)	7.4/25	–/1.8	0.4/14 (3%)	0.3/7.0 (4%)	0.7/23
Vascular	–/3.5	22/67	6.0/67	28/138	–/1.9	2.6/38	2.2/97	4.8/137
Respiratory	–/8.5	4.0/7.1	2.8/6.5	6.8/22	–/6.8	0.5/3.5	1.1/5.8	1.6/16
All Other	–/41	4.3/51	0.6/15	5.0/106	–/23	0.4/23	0.2/22	0.6/68
All Causes	–/55	35/141 (25%)	11/96 (12%)	47/291	–/33	3.9/79 (5%)	3.8/132 (3%)	7.7/244

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

Cause	Male	Female	Male + Female
All Cancer	7.4 / 25 (29%)	0.7 / 23 (3%)	8.1 / 48 (17%)
All Causes	47 / 291 (16%)	7.7 / 244 (3%)	54 / 535 (10%)

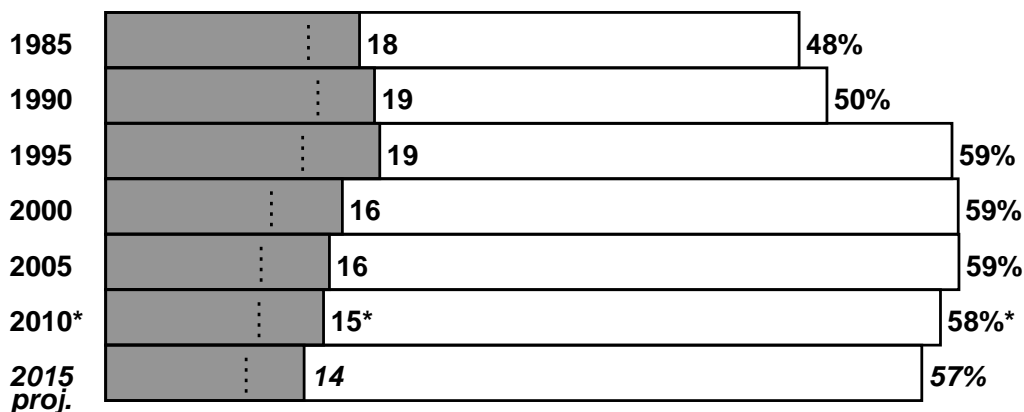
1985-2015: CENTRAL ASIA (5 countries)

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

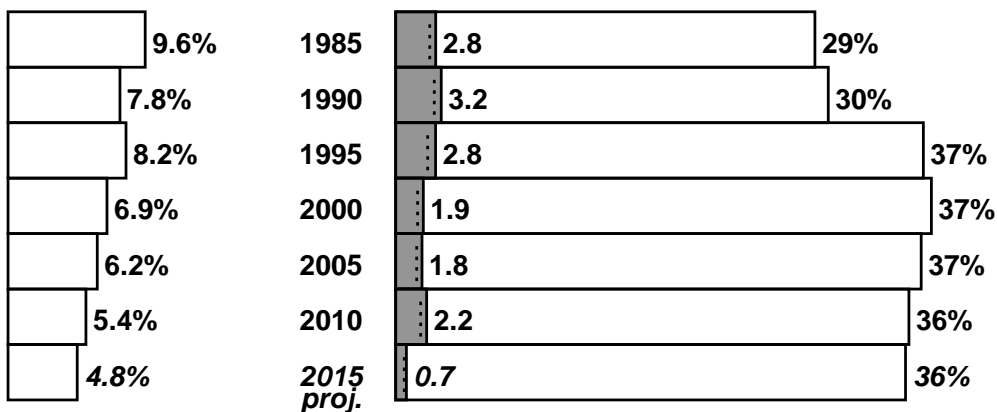


\*eg, at year 2010 male death rates, out of 100 men aged 35, 58 would die before age 70 (with 15 of these deaths attributed to smoking)

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: For smoking-attributed mortality (pages 112–119), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## CENTRAL ASIA (5 countries): 1980-2015

See note on page 115

*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	– / 53	– / 33	–
35–69	33 / 148	1.8 / 87	17 years
70+	8.0 / 89	0.9 / 117	7 years
<b>All ages</b>	<b>41 / 289</b>	<b>2.7 / 237</b>	<b>15 years</b>

## 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	–/78	26/70 <b>(38%)</b>	7.0/51 <b>(14%)</b>	33/199	–/58	4.3/47 <b>(9%)</b>	2.9/73 <b>(4%)</b>	7.2/178
1995	–/75	42/130 <b>(32%)</b>	8.3/61 <b>(14%)</b>	50/265	–/50	5.4/75 <b>(7%)</b>	3.9/104 <b>(4%)</b>	9.3/228
2005	–/57	37/144 <b>(26%)</b>	9.1/85 <b>(11%)</b>	46/286	–/34	3.7/81 <b>(5%)</b>	3.0/119 <b>(3%)</b>	6.7/234
2015 <i>proj.</i>	–/53	33/148 <b>(22%)</b>	8.0/89 <b>(9%)</b>	41/289	–/33	1.8/87 <b>(2%)</b>	0.9/117 <b>(0.8%)</b>	2.7/237

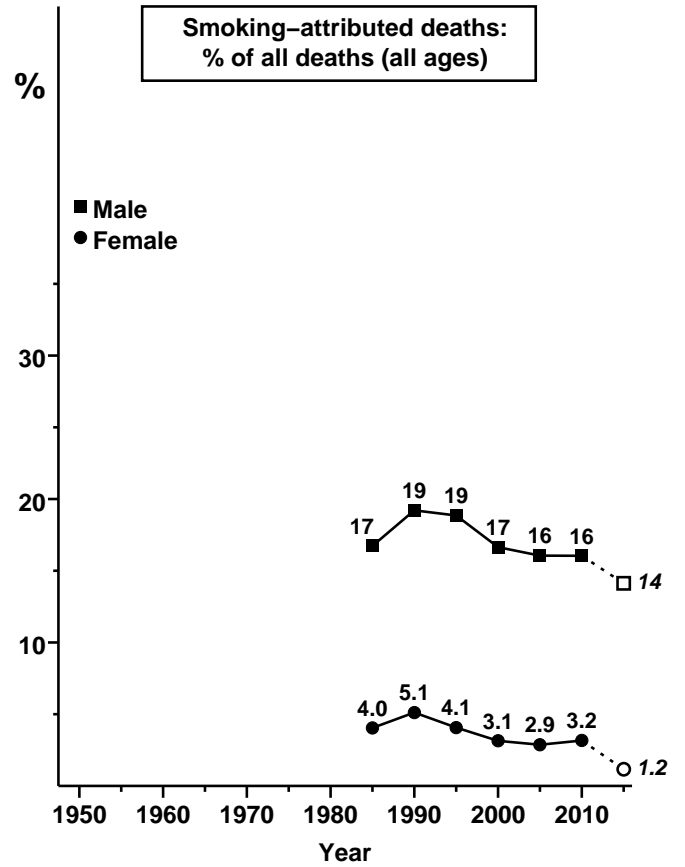
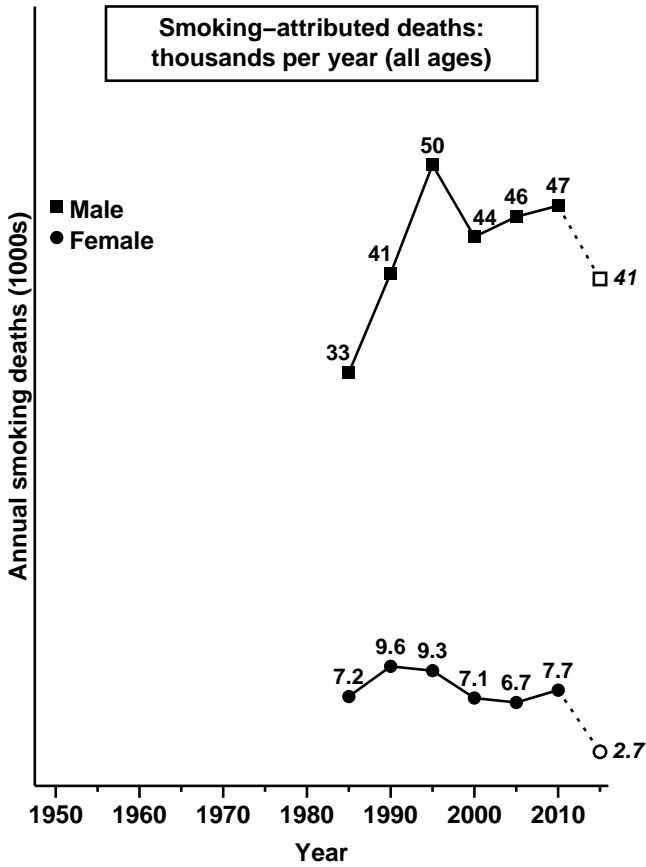
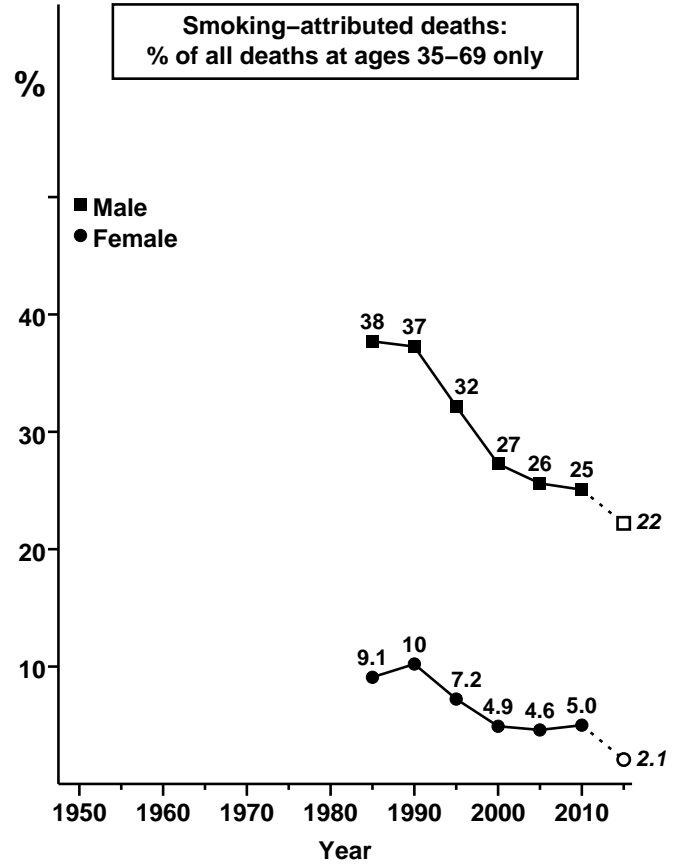
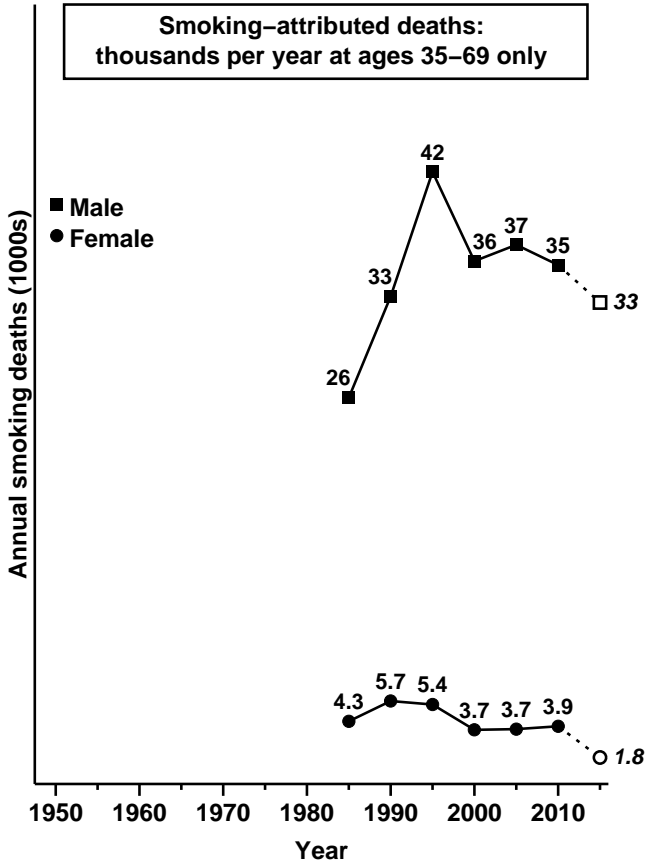
40-year total (M=millions), decade of 1980s to decade of 2010s (1980–2020\*): 2.0 / 19M

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

## 1980–2020, by age &amp; sex:

–/2.6M	1.4/4.9M <b>(28%)</b>	0.3/2.9M <b>(11%)</b>	1.7/10M	–/1.7M	0.2/2.9M <b>(5%)</b>	0.1/4.1M <b>(3%)</b>	0.3/8.8M
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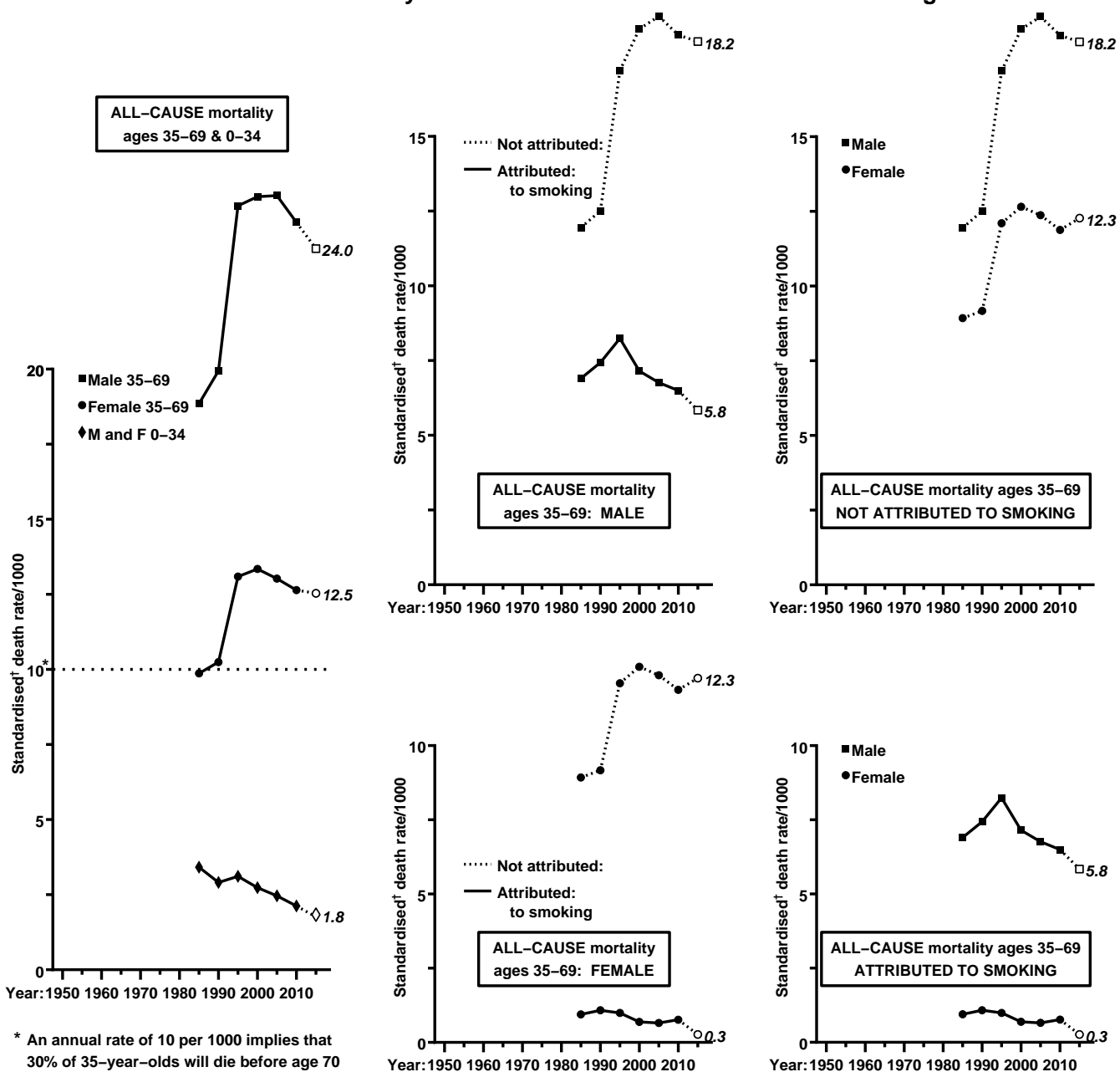
1985-2015: CENTRAL ASIA (5 countries)



**CENTRAL ASIA (5 countries): 1985-2015**

See note on page 115

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

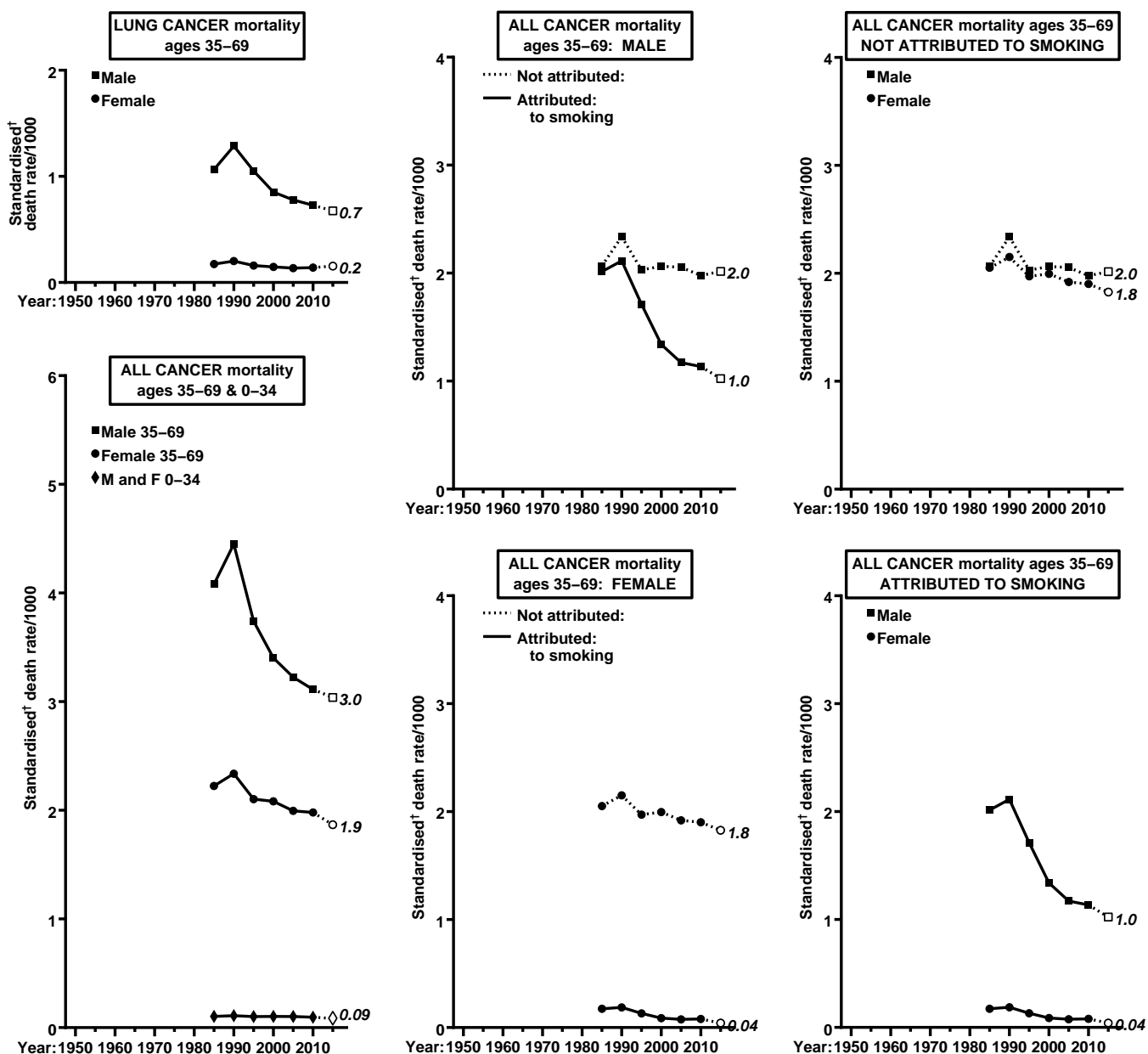


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	3.96	6.90	11.9	12.9	66.5	-	2.87	0.94	8.92	2.53	47.9
1990	-	3.49	7.43	12.5	16.2	68.4	-	2.32	1.08	9.17	3.39	50.8
1995	-	3.77	8.24	17.2	15.7	81.9	-	2.45	0.99	12.1	3.03	63.5
2000	-	3.42	7.15	18.6	12.2	86.9	-	2.04	0.69	12.7	2.35	67.2
2005	-	3.08	6.76	19.0	11.9	91.5	-	1.83	0.65	12.4	2.04	69.4
2010	-	2.65	6.49	18.4	12.6	92.7	-	1.59	0.76	11.9	2.02	69.8
2015	-	2.25	5.84	18.2	9.48	85.1	-	1.41	0.26	12.3	0.58	60.2

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

1985-2015: CENTRAL ASIA (5 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



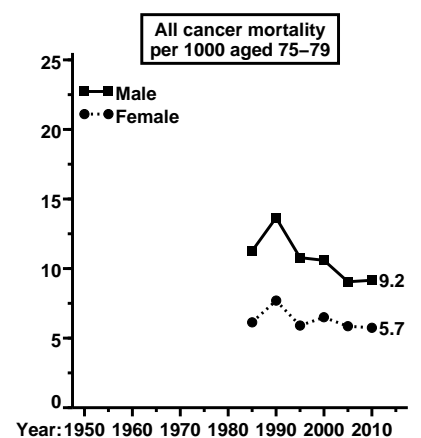
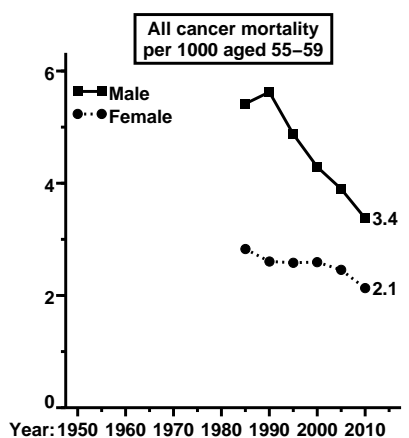
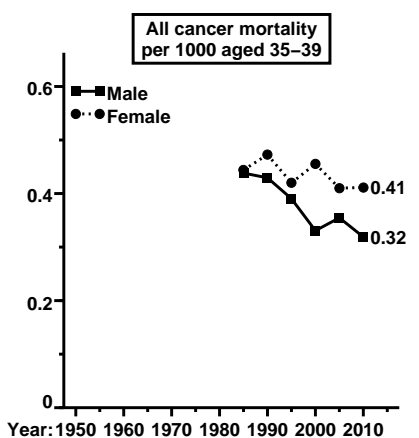
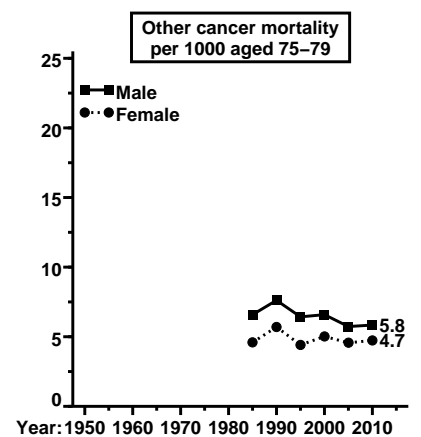
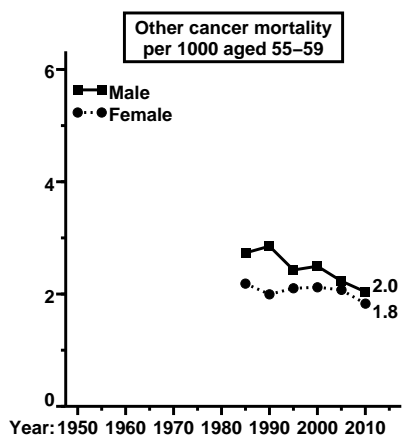
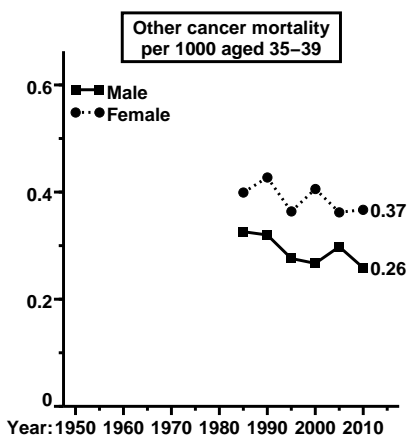
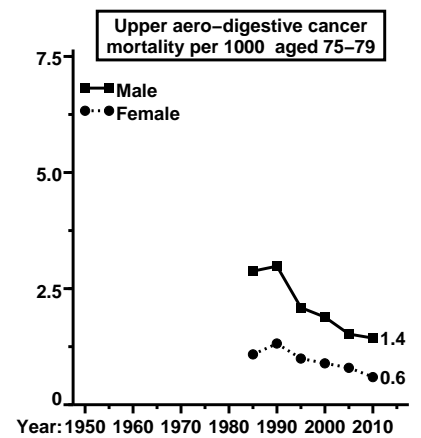
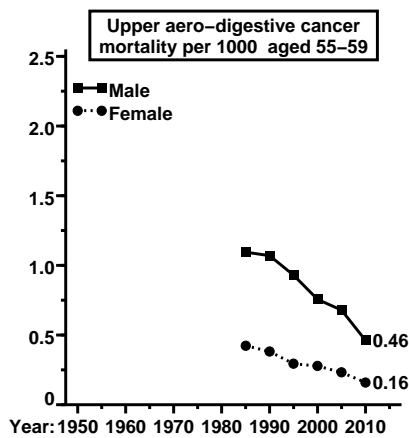
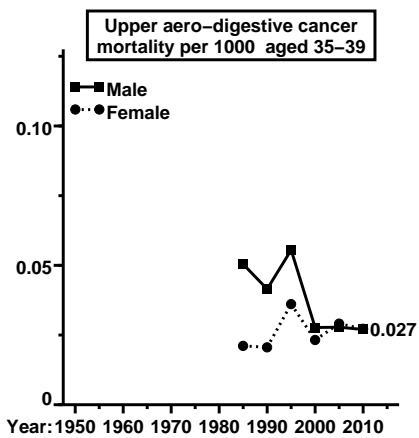
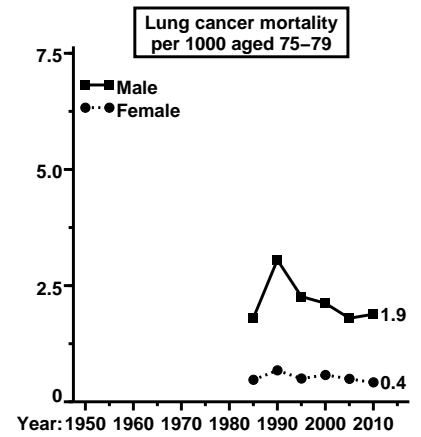
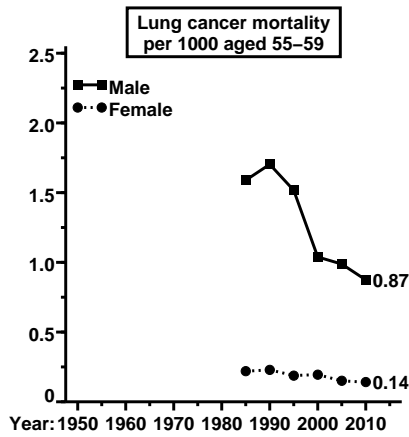
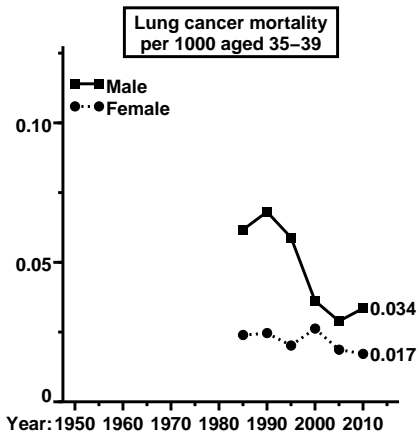
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.11	2.01	2.07	3.56	8.11	-	0.09	0.17	2.05	0.45	5.55	-	0.09	0.17	2.05
1990	-	0.12	2.11	2.34	4.32	9.13	-	0.10	0.19	2.15	0.55	6.65	-	0.10	0.19	2.15
1995	-	0.10	1.71	2.03	3.43	7.18	-	0.10	0.13	1.97	0.42	5.36	-	0.10	0.13	1.97
2000	-	0.11	1.34	2.06	2.66	7.46	-	0.10	0.09	2.00	0.33	5.63	-	0.10	0.09	2.00
2005	-	0.10	1.17	2.05	2.35	6.44	-	0.10	0.08	1.92	0.26	5.02	-	0.10	0.08	1.92
2010	-	0.10	1.13	1.98	2.37	6.51	-	0.09	0.08	1.90	0.19	5.08	-	0.09	0.08	1.90
2015	-	0.09	1.02	2.02	2.01	6.10	-	0.08	0.04	1.83	0.06	4.57	-	0.08	0.04	1.83

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

**CENTRAL ASIA (5 countries): 1985-2010**

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

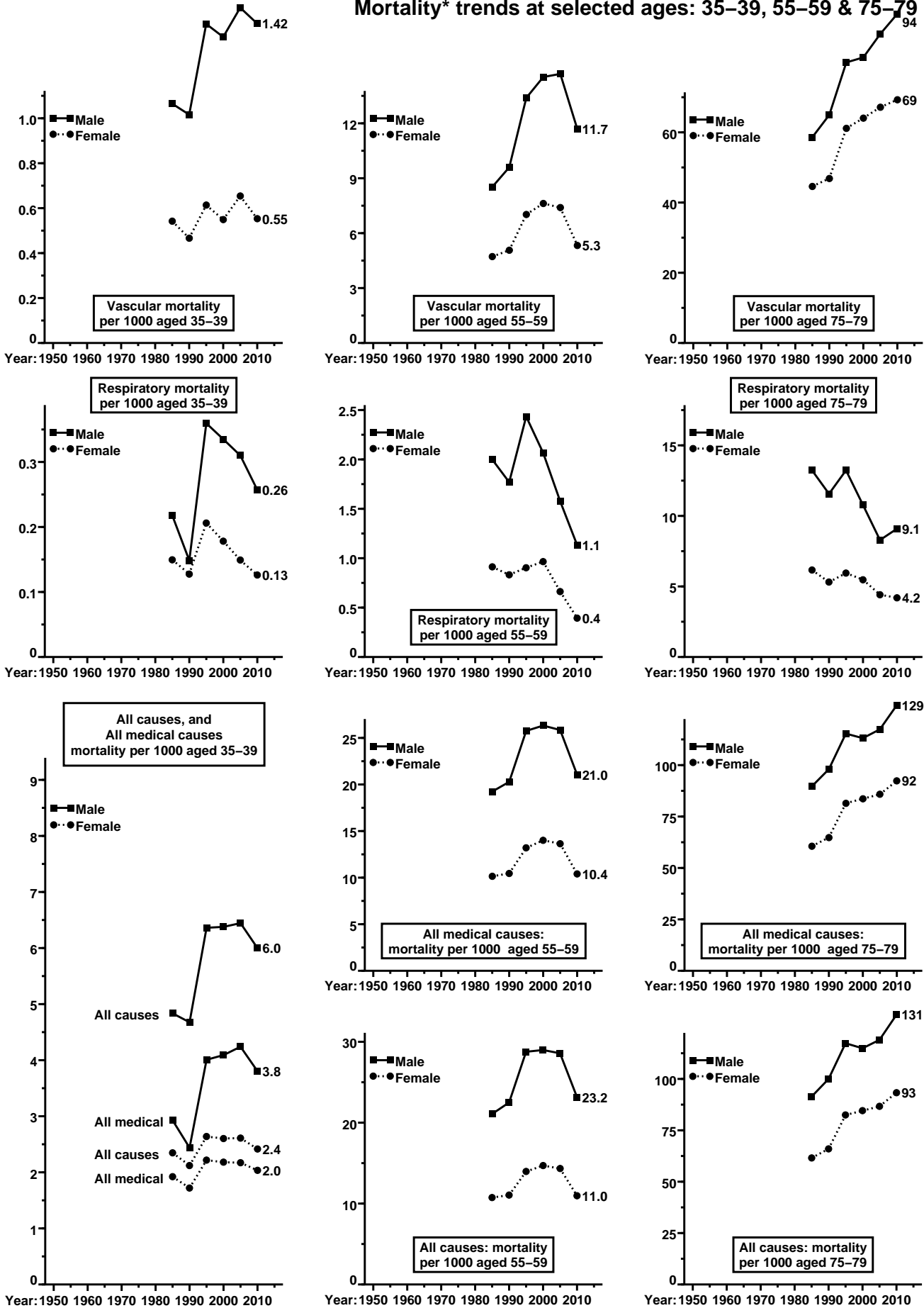


\* Annual mortality per 1000: 1985, 1990, 1995, 2000, 2005 and 2010



1985-2010: CENTRAL ASIA (5 countries)

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



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

## CROATIA: 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	25683	601	9305	989.5	64.3	1104.4	114.9	15.9	12.1	41.2	79.4	89.9	97.1
	F	26413	277	4387	583.9	32.7	465.6	92.4	7.9	11.9	29.3	30.0	23.6	33.6
Tuberculosis	M	53	-	20	2.0	-	2.2	-	-	-	-	-	-	-
	F	29	1	4	0.7	0.1	0.4	-	-	-	-	-	0.7	-
Other infective and parasitic	M	127	5	57	5.2	0.6	6.3	2.7	-	-	-	0.7	-	0.7
	F	128	2	33	3.1	0.3	3.3	1.9	-	-	-	-	-	-
ALL CANCER	M	7751	64	3430	295.9	6.9	410.5	6.2	5.6	2.4	7.4	5.0	11.4	10.0
	F	5731	44	2103	152.0	4.7	218.7	2.8	2.0	-	4.3	6.0	5.6	12.3
Mouth and pharynx cancer	M	256	1	195	10.3	0.1	21.7	-	-	-	-	-	0.7	-
	F	70	-	38	2.1	-	3.9	-	-	-	-	-	-	-
Oesophagus cancer	M	165	-	93	6.3	-	10.3	-	-	-	-	-	-	-
	F	37	-	14	1.0	-	1.3	-	-	-	-	-	-	-
Stomach cancer	M	500	4	207	19.0	0.4	25.3	-	-	-	-	0.7	2.0	-
	F	339	1	94	8.2	0.1	9.8	-	-	-	-	-	-	0.7
Colorectal cancer	M	1139	4	416	42.8	0.4	51.7	-	-	-	0.8	-	1.3	0.7
	F	792	3	226	19.3	0.3	24.2	-	-	-	-	-	-	2.1
Liver cancer	M	276	-	144	10.6	-	17.8	-	-	-	-	-	-	-
	F	142	1	27	3.2	0.1	2.9	-	-	-	-	-	0.7	-
Pancreas cancer	M	352	-	159	13.5	-	18.8	-	-	-	-	-	-	-
	F	318	-	94	7.8	-	10.2	-	-	-	-	-	-	-
Larynx cancer	M	200	-	125	7.8	-	14.8	-	-	-	-	-	-	-
	F	15	-	6	0.4	-	0.6	-	-	-	-	-	-	-
Lung cancer	M	2118	1	1131	80.8	0.1	131.9	-	-	-	-	0.7	-	-
	F	650	2	329	18.9	0.2	33.7	-	-	-	-	-	0.7	0.7
Malignant melanoma	M	104	3	45	4.1	0.3	5.4	-	-	-	-	-	0.7	1.3
	F	98	2	41	2.8	0.2	4.1	-	-	-	-	-	-	1.4
Female breast cancer	F	983	1	426	27.5	0.1	43.6	-	-	-	-	-	-	0.7
Cervix cancer	F	132	3	72	4.2	0.3	7.0	-	-	-	-	-	-	2.1
Other uterine cancer	F	222	-	82	5.8	-	8.3	-	-	-	-	-	-	-
Ovarian cancer	F	292	1	154	8.8	0.1	15.8	-	-	-	-	-	-	0.7
Prostate cancer	M	723	-	98	26.6	-	13.9	-	-	-	-	-	-	-
Bladder cancer	M	261	-	78	9.7	-	9.8	-	-	-	-	-	-	-
	F	105	-	24	2.4	-	2.6	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	1194	28	556	46.5	3.2	67.1	4.5	4.7	1.6	3.3	2.2	2.0	4.0
	F	1106	19	352	28.5	2.1	37.2	1.9	1.0	-	2.6	3.8	3.5	2.1
Hodgkin's disease	M	10	-	8	0.4	-	0.9	-	-	-	-	-	-	-
	F	13	3	3	0.4	0.3	0.3	-	-	-	-	0.8	-	1.4
Myeloma and non-Hodgkin lymphomas	M	241	10	103	9.3	1.0	12.2	0.9	-	-	-	0.7	2.7	2.7
	F	242	4	79	6.3	0.4	8.8	0.9	-	-	-	0.8	0.7	0.7
Leukaemia	M	212	13	72	8.2	1.4	8.9	0.9	0.9	0.8	3.3	0.7	2.0	1.3
	F	175	4	42	4.4	0.5	4.3	-	1.0	-	1.7	0.8	-	-
Diabetes	M	631	2	206	23.8	0.2	25.9	-	-	-	-	-	-	1.3
	F	793	2	111	16.9	0.2	12.4	-	-	-	-	-	-	1.4
ALL VASCULAR DISEASE	M	10929	40	3085	413.1	4.0	375.5	-	1.9	0.8	1.6	3.6	8.1	12.0
	F	14702	17	1226	290.8	1.8	135.3	0.9	-	1.7	0.9	2.2	2.8	4.1
Rheumatic heart disease and fever	M	22	-	3	0.8	-	0.4	-	-	-	-	-	-	-
	F	44	-	6	0.9	-	0.7	-	-	-	-	-	-	-
Hypertensive disease	M	519	-	161	19.9	-	19.8	-	-	-	-	-	-	-
	F	1119	-	78	21.7	-	8.9	-	-	-	-	-	-	-
Ischaemic heart disease	M	5115	5	1657	194.5	0.5	199.0	-	-	-	-	-	1.3	2.0
	F	6149	-	524	121.7	-	57.7	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	63	2	24	2.4	0.2	2.8	-	-	-	-	-	-	1.3
	F	120	-	22	2.7	-	2.3	-	-	-	-	-	-	-
Cerebrovascular disease	M	3206	5	733	118.8	0.5	92.2	-	-	-	-	0.7	1.3	1.3
	F	4404	6	405	88.5	0.6	44.8	-	-	0.8	-	-	2.8	0.7
Other vascular disease	M	2004	28	507	76.7	2.8	61.3	-	1.9	0.8	1.6	2.9	5.4	7.3
	F	2866	11	191	55.4	1.2	20.9	0.9	-	0.8	0.9	2.2	-	3.4
Chronic obstructive pulmonary disease	M	943	-	174	34.8	-	22.7	-	-	-	-	-	-	-
	F	582	2	67	12.0	0.2	7.3	-	-	-	-	-	0.7	0.7
Other respiratory disease	M	248	4	81	9.7	0.4	9.6	0.9	-	-	-	-	-	2.0
	F	184	2	33	4.2	0.3	3.5	0.9	-	-	0.9	-	-	-
Peptic ulcer	M	112	-	39	4.3	-	4.4	-	-	-	-	-	-	-
	F	128	-	15	2.6	-	1.5	-	-	-	-	-	-	-
Liver cirrhosis	M	937	8	663	37.6	0.8	75.0	-	-	-	-	-	-	5.3
	F	295	-	162	8.9	-	16.5	-	-	-	-	-	-	-
Renal disease	M	242	-	47	9.1	-	5.7	-	-	-	-	-	-	-
	F	348	-	42	7.2	-	4.7	-	-	-	-	-	-	-
Pregnancy, birth	F	4	4	-	0.2	0.4	-	-	-	-	-	0.8	0.7	1.4
Congenital and perinatal causes	M	119	106	12	8.0	13.3	1.1	89.1	-	-	0.8	1.4	0.7	1.3
	F	112	90	20	7.5	11.9	1.9	75.4	2.0	0.8	2.6	0.8	1.4	0.7
Ill-defined causes	M	190	16	47	7.8	1.8	5.3	7.1	-	-	0.8	-	2.7	2.0
	F	319	2	17	6.1	0.2	1.8	-	-	-	0.9	-	-	0.7
Other medical causes	M	1564	35	527	60.5	3.8	61.6	3.6	1.9	3.2	3.3	4.3	7.4	2.7
	F	1927	28	318	42.9	3.3	34.2	5.7	1.0	3.4	3.5	4.5	2.8	2.1
ALL NON-MEDICAL CAUSES	M	1837	321	917	77.7	32.6	98.6	5.3	6.6	5.6	27.2	64.2	59.7	59.9
	F	1131	83	236	28.8	9.3	24.1	4.7	3.0	5.9	16.4	15.8	9.0	10.3
Road traffic accidents	M	349	126	174	15.8	12.9	18.2	2.7	1.9	3.2	12.3	26.7	22.8	20.6
	F	97	33	34	3.8	3.6	3.5	1.9	-	2.5	5.2	8.3	4.2	3.4
Fire	M	16	-	7	0.6	-	0.7	-	-	-	-	-	-	-
	F	12	1	-	0.3	0.1	-	-	1.0	-	-	-	-	-
Suicide	M	585	84	357	24.8	8.4	38.2	-	-	-	7.4	22.4	15.4	14.0
	F	192	21	103	6.7	2.4	10.4	-	-	0.8	7.8	3.0	1.4	3.4
POPULATION:														
(1000s; UN, 2015 revision)			M=male		2080.6	902.7	969.7	112.3	106.6	124.5	121.5	138.5	149.1	150.3
			F=female		2235.8	863.8	1018.9	106.1	100.8	118.0	116.1	133.2	143.8	145.8

## 2010: CROATIA

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			
140.2	246.7	447.6	763.5	1274.0	1745.2	3113.4	4325.1	7284.3	14062.8	M	ALL CAUSES	001-999/A00-Y89
63.6	113.3	186.1	336.6	487.5	733.0	1339.1	2246.2	4553.4	12005.7	F		
0.7	2.1	1.3	3.2	1.9	1.6	4.7	11.9	13.5	26.4	M	Tuberculosis	010-018, 137/
-	0.7	1.3	0.6	-	-	-	4.7	5.5	10.3	F		A15-A19, B90
5.4	2.8	2.6	6.3	5.2	10.3	11.6	20.6	19.4	67.0	M	Other infective	Rest of 001-139,279.5&6/
0.7	0.7	1.3	2.5	4.4	9.8	3.6	12.4	19.3	48.3	F	and parasitic	rest of A00-B99 excl A33,A34
22.8	51.8	122.4	271.6	513.1	708.8	1182.8	1534.5	2157.8	2847.5	M	ALL CANCER	140-208/C00-C97
32.9	56.0	94.3	199.2	253.5	355.0	540.4	668.1	1003.9	1410.5	F		
0.7	0.7	12.9	21.5	39.0	31.6	45.4	28.2	26.9	32.5	M	Mouth and	140-149/C00-C14
-	0.7	3.2	4.3	4.4	6.3	8.2	5.4	10.1	12.1	F	pharynx cancer	
0.7	1.4	3.2	11.4	15.6	21.3	18.6	35.9	40.4	24.4	M	Oesophagus cancer	150/C15
-	-	0.6	2.5	2.5	2.8	0.9	3.9	6.5	9.5	F		
1.3	5.7	4.5	16.5	26.0	44.2	79.1	111.9	145.2	180.6	M	Stomach cancer	151/C16
1.4	2.8	1.3	9.9	11.9	16.1	25.5	37.3	68.2	105.2	F		
1.3	5.0	13.5	24.7	54.0	92.3	171.0	239.1	369.6	511.4	M	Colorectal cancer	153, 154/C18-C21
2.0	2.8	5.7	22.9	22.6	37.0	76.4	84.8	163.9	238.1	F		
2.0	-	3.2	8.2	22.1	30.0	59.3	63.0	62.9	65.0	M	Liver cancer	155.0/C22 excl C221
-	0.7	0.6	1.9	2.5	6.3	8.2	19.4	32.2	46.6	F		
2.0	4.2	5.8	10.8	28.6	26.8	53.5	64.1	95.8	142.1	M	Pancreas cancer	157/C25
-	-	2.5	6.8	10.1	16.8	35.5	46.7	55.3	89.7	F		
-	-	3.9	12.0	18.2	30.8	38.4	33.7	32.9	44.6	M	Larynx cancer	161/C32
-	-	-	0.6	1.3	0.7	1.8	3.1	1.8	2.6	F		
1.3	14.2	35.4	109.5	183.4	247.8	331.5	430.3	556.6	442.4	M	Lung cancer	162/C33, C34
1.4	5.7	10.8	38.4	41.5	65.7	72.8	73.9	115.1	85.4	F		
1.3	2.8	3.9	1.9	5.8	5.5	16.3	19.6	23.9	44.6	M	Malignant melanoma	172/C43
2.0	2.1	1.3	3.1	8.8	4.2	7.3	9.3	10.1	27.6	F		
8.9	20.5	29.1	39.6	55.4	58.0	93.7	100.3	152.0	226.0	F	Female breast cancer	174/C50
2.7	4.2	6.3	8.0	11.3	10.5	5.5	11.7	18.4	19.0	F	Cervix cancer	180/C53
-	2.1	2.5	9.3	12.6	14.7	17.3	28.8	32.2	58.7	F	Other uterine cancer	179, 182/C54, C55
3.4	2.8	8.9	16.7	14.5	30.7	33.7	41.2	39.6	35.4	F	Ovarian cancer	183/C56, C570-C574
-	-	-	2.5	6.5	19.7	68.6	127.2	296.3	629.2	M	Prostate cancer	185/C61
-	-	3.2	4.4	11.1	15.0	34.9	56.5	88.3	146.1	M	Bladder cancer	188/C67
-	0.7	0.6	1.9	3.1	3.5	8.2	7.8	18.4	44.0	F		
8.1	13.5	25.1	36.1	78.7	105.8	202.4	241.2	284.3	401.9	M	Other and ill-defined	Rest of 140-199/
9.6	7.1	16.4	23.5	35.9	67.1	101.0	132.2	202.6	297.6	F	cancer sites	rest of C00-C80, C97
1.3	-	0.6	-	1.9	-	2.3	-	1.5	2.0	M	Hodgkin's disease	201/C81
-	-	0.6	0.6	0.6	-	-	-	2.8	3.5	F		
2.0	3.5	3.9	6.3	12.4	26.8	30.2	44.6	62.9	91.3	M	Myeloma and non-	200, 202-203/
0.7	1.4	0.6	6.2	7.5	10.5	34.6	33.4	43.3	59.5	F	Hodgkin lymphomas	C82-C90, C96
0.7	0.7	3.2	5.7	9.8	11.1	31.4	39.1	70.3	89.3	M	Leukaemia	204-208/C91-C95
0.7	2.1	3.2	3.1	6.9	4.2	10.0	28.8	31.3	50.0	F		
-	3.5	2.6	13.3	28.6	42.6	90.7	125.0	200.5	353.1	M	Diabetes	250/E10-E14
0.7	0.7	1.9	3.7	10.1	23.1	46.4	100.3	178.7	308.0	F		
22.8	53.2	134.6	241.8	399.9	596.7	1179.3	1822.4	3489.5	7702.1	M	ALL VASCULAR	390-459/I00-I99
9.6	19.1	42.4	61.9	115.1	201.2	497.6	1064.0	2544.7	8046.9	F	DISEASE	
-	-	-	-	0.7	0.8	1.2	7.6	10.5	10.2	M	Rheumatic heart	390-398/I00-I09
-	0.7	-	-	0.6	1.4	1.8	4.7	12.9	15.5	F	disease and fever	
-	3.5	8.4	11.4	19.5	30.8	65.1	75.0	139.2	397.8	M	Hypertensive disease	401-405/I10-I15
-	0.7	1.3	2.5	6.3	14.0	37.3	73.9	188.8	639.2	F		
14.1	27.6	79.2	133.6	225.7	322.8	589.6	874.8	1485.9	3358.9	M	Ischaemic heart	410-414/I20-I25
2.7	8.5	20.9	24.8	52.2	83.2	212.0	462.0	1052.7	3354.0	F	disease	
-	1.4	1.3	3.8	1.3	4.0	8.1	16.3	13.5	26.4	M	Pulmonary embolism	415.1, 451-453/
0.7	0.7	1.3	2.5	1.3	3.5	6.4	12.4	25.8	46.6	F	and other venous	126, 180-182
3.4	11.3	25.8	48.1	89.1	139.7	328.0	584.7	1252.5	2218.3	M	Cerebrovascular	430-438/I60-I69
1.4	6.4	14.6	21.0	35.2	69.2	165.6	371.8	892.4	2196.3	F	disease	
5.4	9.2	20.0	45.0	63.7	98.7	187.2	264.1	588.1	1690.6	M	Other vascular	Rest of 390-459/
4.8	2.1	4.4	11.1	19.5	30.1	74.6	139.2	372.1	1795.2	F	disease	rest of I00-I99
-	2.8	4.5	10.1	15.0	37.9	88.4	155.4	395.0	734.7	M	Chronic obstructive	490-496/
-	0.7	1.3	1.9	8.8	14.0	24.6	56.0	102.2	284.7	F	pulmonary disease	J40-J47, J67
-	2.1	7.7	6.3	7.2	17.4	26.8	31.5	59.9	190.8	M	Other respiratory	Rest of 460-519/
-	2.1	2.5	1.2	4.4	4.2	10.0	17.9	23.0	87.1	F	disease	rest of J00-J98
-	1.4	1.9	4.4	6.5	6.3	10.5	18.5	29.9	73.1	M	Peptic ulcer	531-533/K25-K27
-	0.7	0.6	1.2	1.3	4.9	1.8	10.9	17.5	69.0	F		
9.4	26.2	41.9	62.0	105.3	113.7	166.3	157.6	119.7	83.2	M	Liver cirrhosis	571/K70, K74
1.4	6.4	7.0	15.5	27.7	23.1	34.6	35.8	47.0	31.1	F		
-	1.4	1.9	3.2	9.1	5.5	18.6	35.9	76.3	225.3	M	Renal disease	580-590/N00-N19
1.4	-	1.3	1.2	2.5	7.7	19.1	31.9	70.0	163.0	F		
1.3	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.7	1.4	1.3	1.3	2.6	-	-	-	-	2.0	M	Congenital and	740-779/A33,
2.0	2.1	1.9	3.1	3.1	0.7	1.8	0.8	0.9	-	F	perinatal causes	P00-P96, Q00-Q99
0.7	2.8	3.9	3.2	4.5	10.3	10.5	18.5	35.9	174.5	M	Ill-defined causes	780-799/R00-R99
0.7	0.7	1.3	1.2	1.9	2.8	3.6	10.1	28.6	220.8	F		
16.1	23.4	29.6	38.0	71.5	90.8	161.7	231.5	436.9	1008.7	M	Other medical causes	Rest of 001-799/
4.1	9.2	14.6	16.7	34.6	53.8	106.4	168.8	359.2	840.2	F		rest of A00-R99
59.7	71.6	91.5	98.8	103.4	103.4	161.7	161.9	249.9	574.4	M	ALL NON-	E800-E999/V01-Y89
11.6	14.2	14.6	26.6	20.1	32.8	49.1	64.5	152.9	485.7	F	MEDICAL CAUSES	
16.8	17.0	20.0	19.6	15.0	15.8	23.3	18.5	26.9	28.4	M	Road traffic	E810-E819, E826-E829/
2.7	3.5	1.9	3.7	1.9	2.8	8.2	4.7	11.1	10.3	F	accidents	part of V01-V99, Y850
0.7	0.7	0.6	1.3	-	1.6	-	-	4.5	12.2	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	0.8	0.9	7.8	F		
20.1	25.5	38.0	38.6	42.9	42.6	59.3	47.8	71.8	105.5	M	Suicide	E950-E959/X60-X84
3.4	8.5	7.6	13.0	10.1	10.5	20.0	17.1	20.3	20.7	F		
149.0	141.1	155.3	158.0	153.8	126.7	86.0	92.0	66.8	49.3	M	POPULATION	
146.1	141.2	158.0	161.6	159.0	143.1	109.9	128.6	108.6	115.9	F	(1000s; UN, 2015 revision)	

## CROATIA: 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	– / 0.6	– / 0.3	–
35–69	3.8 / 9.5	0.8 / 4.3	22 years
70+	4.0 / 16	1.8 / 21	8 years
All ages	7.8 / 26	2.6 / 26	14 years

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

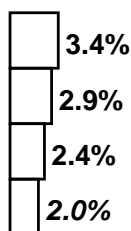
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	1.1/1.1	0.9/1.0	2.0/2.1	–/0.0	0.2/0.3	0.2/0.3	0.5/0.7
All Cancer	–/0.1	1.7/3.5 (49%)	1.4/4.2 (34%)	3.2/7.8	–/0.0	0.3/2.1 (14%)	0.3/3.6 (9%)	0.6/5.7
Vascular	–/0.0	1.5/3.1	1.7/7.8	3.2/11	–/0.0	0.3/1.2	1.1/13	1.4/15
Respiratory	–/0.0	0.2/0.3	0.6/1.0	0.8/1.3	–/0.0	0.1/0.1	0.3/0.7	0.4/0.8
All Other	–/0.5	0.3/2.5	0.2/2.7	0.6/5.8	–/0.2	0.1/0.9	0.1/3.9	0.2/5.0
All Causes	–/0.6	3.8/9.5 (40%)	4.0/16 (25%)	7.8/26	–/0.3	0.8/4.3 (17%)	1.8/21 (9%)	2.6/26

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

Cause	Male	Female	Male + Female
All Cancer	3.2 / 7.8 (41%)	0.6 / 5.7 (10%)	3.8 / 13 (28%)
All Causes	7.8 / 26 (30%)	2.6 / 26 (10%)	10 / 52 (20%)

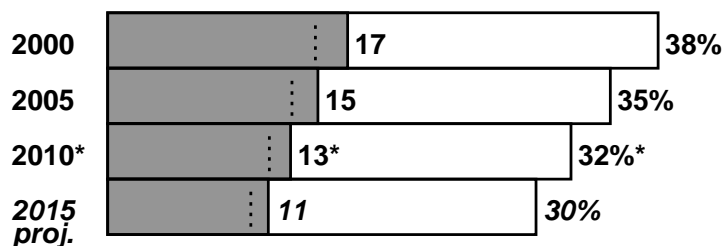
2000-2015: CROATIA

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)

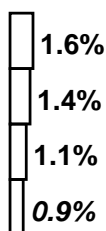
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 32 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



## CYPRUS\*: 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	3137	171	978	575.6	52.4	522.1	57.6	12.4	8.3	31.8	99.5	83.9	73.3
	F	2697	67	471	380.6	25.9	245.2	75.2	13.2	-	27.4	13.7	23.1	28.5
Tuberculosis	M	1	-	-	0.2	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infective and parasitic	M	35	-	7	6.4	-	3.4	-	-	-	-	-	-	-
	F	28	-	1	3.6	-	0.4	-	-	-	-	-	-	-
ALL CANCER	M	756	9	308	142.3	2.7	174.5	-	3.1	-	-	6.0	5.5	4.2
	F	552	12	227	88.8	4.0	117.9	-	-	-	7.5	2.3	8.4	9.5
Mouth and pharynx cancer	M	8	-	5	1.6	-	3.3	-	-	-	-	-	-	-
	F	4	-	-	0.5	-	-	-	-	-	-	-	-	-
Oesophagus cancer	M	4	-	4	0.8	-	2.3	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Stomach cancer	M	34	-	16	6.6	-	9.2	-	-	-	-	-	-	-
	F	19	-	5	2.9	-	2.5	-	-	-	-	-	-	-
Colorectal cancer	M	60	-	24	11.2	-	14.4	-	-	-	-	-	-	-
	F	52	2	19	8.0	0.6	9.4	-	-	-	-	-	2.1	2.4
Liver cancer	M	15	-	5	2.9	-	2.4	-	-	-	-	-	-	-
	F	7	-	4	1.2	-	2.4	-	-	-	-	-	-	-
Pancreas cancer	M	39	-	23	7.4	-	12.7	-	-	-	-	-	-	-
	F	29	-	8	4.4	-	4.3	-	-	-	-	-	-	-
Larynx cancer	M	10	-	5	1.9	-	2.8	-	-	-	-	-	-	-
	F	1	-	-	0.1	-	-	-	-	-	-	-	-	-
Lung cancer	M	178	-	87	34.1	-	49.6	-	-	-	-	-	-	-
	F	43	1	21	7.1	0.3	11.4	-	-	-	-	-	-	2.4
Malignant melanoma	M	13	-	9	2.5	-	5.3	-	-	-	-	-	-	-
	F	5	1	1	0.7	0.3	0.7	-	-	-	-	-	2.1	-
Female breast cancer	F	118	-	55	19.3	-	27.3	-	-	-	-	-	-	-
Cervix cancer	F	8	1	5	1.4	0.3	2.5	-	-	-	-	-	-	2.4
Other uterine cancer	F	24	-	11	4.1	-	5.7	-	-	-	-	-	-	-
Ovarian cancer	F	34	-	18	5.9	-	8.3	-	-	-	-	-	-	-
Prostate cancer	M	93	-	16	17.1	-	9.7	-	-	-	-	-	-	-
Bladder cancer	M	46	-	15	8.7	-	9.8	-	-	-	-	-	-	-
	F	6	-	2	0.9	-	1.2	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	190	7	69	35.4	2.1	37.0	-	3.1	-	-	2.0	5.5	4.2
	F	143	2	58	22.6	0.7	31.6	-	-	-	2.5	2.3	-	-
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and all lymphomas	M	32	-	16	6.0	-	8.6	-	-	-	-	-	-	-
	F	34	2	12	5.7	0.7	6.4	-	-	-	2.5	-	2.1	-
Leukaemia	M	35	1	15	6.5	0.3	7.9	-	-	-	-	2.0	-	-
	F	20	-	8	3.2	-	4.2	-	-	-	-	-	-	-
Diabetes	M	166	-	29	30.6	-	17.1	-	-	-	-	-	-	-
	F	184	-	15	24.8	-	8.7	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	1114	13	357	205.3	3.9	188.5	-	3.1	-	2.3	6.0	5.5	10.5
	F	1056	3	99	139.5	1.1	52.8	3.3	-	-	-	-	2.1	2.4
Rheumatic heart disease and fever	M	5	-	3	0.9	-	1.5	-	-	-	-	-	-	-
	F	17	-	7	2.6	-	3.8	-	-	-	-	-	-	-
Hypertensive disease	M	95	-	16	17.3	-	9.6	-	-	-	-	-	-	-
	F	137	-	2	17.1	-	1.0	-	-	-	-	-	-	-
Ischaemic heart disease	M	488	6	222	91.5	1.7	115.1	-	-	-	-	2.0	3.6	6.3
	F	235	-	43	33.0	-	22.5	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	7	-	2	1.3	-	1.0	-	-	-	-	-	-	-
	F	8	-	2	1.2	-	1.1	-	-	-	-	-	-	-
Cerebrovascular disease	M	197	2	45	35.9	0.6	24.6	-	-	-	-	-	-	4.2
	F	232	1	20	30.6	0.3	10.2	-	-	-	-	-	2.1	-
Other vascular disease	M	322	5	68	58.3	1.6	36.2	-	3.1	-	2.3	2.0	3.6	-
	F	423	2	24	54.4	0.8	13.9	3.3	-	-	-	-	-	2.4
Chronic obstructive pulmonary disease	M	75	-	11	13.7	-	7.0	-	-	-	-	-	-	-
	F	37	-	6	5.1	-	3.4	-	-	-	-	-	-	-
Other respiratory disease	M	151	3	27	27.3	0.9	13.1	3.0	-	-	-	-	3.6	-
	F	134	2	17	18.3	0.8	9.3	3.3	-	-	-	-	-	2.4
Peptic ulcer	M	8	-	2	1.4	-	1.0	-	-	-	-	-	-	-
	F	3	-	-	0.3	-	-	-	-	-	-	-	-	-
Liver cirrhosis	M	41	4	22	7.6	1.1	11.5	-	-	-	-	-	3.6	4.2
	F	22	-	7	3.5	-	3.3	-	-	-	-	-	-	-
Renal disease	M	82	1	14	14.9	0.3	7.9	-	-	-	2.3	-	-	-
	F	58	-	7	7.6	-	3.9	-	-	-	-	-	-	-
Pregnancy, birth	F	1	1	-	0.1	0.3	-	-	-	-	-	-	2.1	-
Congenital and perinatal causes	M	24	23	1	5.0	8.9	0.4	45.5	-	-	6.8	6.0	-	4.2
	F	19	16	1	4.7	7.5	0.5	52.3	-	-	-	-	-	-
Ill-defined causes	M	127	7	41	23.1	2.0	23.1	-	-	-	-	6.0	3.6	4.2
	F	163	5	23	21.9	2.1	12.3	-	9.9	-	2.5	-	-	2.4
Other medical causes	M	285	16	56	52.0	5.5	30.7	9.1	3.1	8.3	2.3	8.0	3.6	4.2
	F	333	6	39	45.6	2.0	20.7	-	-	-	2.5	6.9	2.1	2.4
ALL NON-MEDICAL CAUSES	M	270	97	100	45.1	27.4	42.4	-	-	-	15.9	69.7	60.2	46.1
	F	104	20	27	16.1	7.4	11.9	13.1	3.3	-	12.5	6.9	6.3	9.5
Road traffic accidents	M	87	46	28	13.8	13.1	11.1	-	-	-	11.3	37.8	25.5	16.8
	F	17	8	5	3.1	3.3	2.3	9.8	3.3	-	7.5	2.3	-	-
Fire	M	2	-	2	0.4	-	0.8	-	-	-	-	-	-	-
	F	1	-	-	0.1	-	-	-	-	-	-	-	-	-
Suicide	M	43	17	21	7.2	4.9	9.0	-	-	-	-	11.9	5.5	16.8
	F	9	4	5	1.7	1.4	2.1	-	-	-	7.5	2.3	-	-
<b>POPULATION:</b>			<b>M=male</b>		563.3	298.2	227.3	33.0	32.3	36.0	44.1	50.2	54.8	47.8
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		540.4	268.3	224.1	30.6	30.2	34.0	40.1	43.7	47.6	42.1

\*The rates of the Government controlled area applied to 2010 population of whole Cyprus

## 2010: CYPRUS

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			
142.3	162.1	247.4	298.0	542.8	831.7	1430.6	2465.2	4238.6	9988.7	M	ALL CAUSES	001-999/A00-Y89
44.1	71.2	90.9	167.7	303.0	346.4	692.9	1269.7	2715.1	9271.2	F		
-	-	-	-	-	-	-	-	9.5	-	M	Tuberculosis	010-018, 137/ A15-A19, B90
4.8	-	-	2.8	3.3	7.9	5.0	31.8	85.3	121.3	M	Other infective	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
-	2.7	-	-	-	-	-	22.9	14.8	123.9	F	and parasitic	
12.1	23.9	64.5	76.6	202.7	252.3	589.4	819.6	1128.4	1654.7	M	ALL CANCER	140-208/C00-C97
20.8	19.2	51.1	92.5	144.9	175.1	321.5	457.5	600.9	897.0	F		
-	-	2.7	-	-	-	20.1	6.3	9.5	8.7	M	Mouth and	140-149/C00-C14
-	-	-	-	-	-	-	-	7.4	17.7	F	pharynx cancer	
-	-	-	-	3.3	7.9	5.0	-	-	-	M	Oesophagus cancer	150/C15
-	-	-	-	-	-	-	-	-	-	F		
-	-	-	11.3	3.3	19.7	30.2	44.5	75.9	26.0	M	Stomach cancer	151/C16
-	-	-	2.9	-	14.9	-	22.9	14.8	47.2	F		
-	-	13.4	-	3.3	23.6	60.5	57.2	56.9	181.9	M	Colorectal cancer	153, 154/C18-C21
2.6	2.7	11.4	2.9	13.2	14.9	18.1	28.6	29.7	129.8	F		
-	-	-	2.8	3.9	-	-	19.1	47.4	17.3	M	Liver cancer	155.0, 155.1/C22
-	-	-	-	3.3	-	13.6	-	14.8	5.9	F		
-	8.0	8.1	8.5	9.8	3.9	50.4	31.8	19.0	78.0	M	Pancreas cancer	157/C25
-	-	-	5.8	3.3	7.5	13.6	34.3	29.7	64.9	F		
-	-	-	-	9.8	-	10.1	6.3	28.4	8.7	M	Larynx cancer	161/C32
-	-	-	-	-	-	-	-	7.4	-	F		
-	2.7	13.4	22.7	81.7	55.2	171.3	260.5	208.6	242.6	M	Lung cancer	162/C33, C34
2.6	-	2.8	5.8	19.8	3.7	45.3	22.9	66.8	47.2	F		
4.8	-	-	-	3.3	3.9	25.2	12.7	-	17.3	M	Malignant melanoma	172/C43
-	-	-	-	-	-	4.5	5.7	-	11.8	F		
5.2	13.7	11.4	26.0	32.9	52.1	49.8	91.5	118.7	182.9	F	Female breast cancer	174/C50
-	-	-	2.9	9.9	-	4.5	-	-	11.8	F	Cervix cancer	180/C53
-	-	-	14.4	3.3	3.7	18.1	34.3	37.1	11.8	F	Other uterine cancer	179, 182/C54, C55
-	2.7	11.4	14.4	9.9	14.9	4.5	34.3	37.1	29.5	F	Ovarian cancer	183.0/C56
-	-	-	2.8	3.3	31.5	30.2	63.5	218.1	381.2	M	Prostate cancer	185/C61
-	-	-	-	3.3	19.7	45.3	44.5	94.8	121.3	M	Bladder cancer	188/C67
-	-	-	-	-	3.7	4.5	11.4	-	11.8	F		
10.4	8.0	21.5	19.9	52.3	67.0	90.7	209.7	284.5	441.8	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
-	-	14.2	5.8	32.9	44.7	113.2	103.0	163.2	253.8	F	cancer sites	
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
4.8	2.7	2.7	2.8	13.1	3.9	30.2	31.8	28.4	69.3	M	Myeloma and all	200-203 incl 201/ C81-C90, C96
-	-	2.8	5.8	9.9	3.7	22.6	51.5	59.4	17.7	F	lymphomas	
4.8	-	-	8.5	9.8	11.8	20.1	31.8	56.9	69.3	M	Leukaemia	204-208/C91-C95
-	-	-	-	9.9	14.9	4.5	22.9	7.4	41.3	F		
-	-	2.7	2.8	19.6	39.4	55.4	260.5	246.5	606.4	M	Diabetes	250/E10-E14
-	5.5	-	-	-	14.9	40.8	120.1	244.8	678.7	F		
26.5	66.5	104.9	141.9	189.6	311.4	478.5	768.8	1431.8	4089.1	M	ALL VASCULAR	390-459/I00-I99
-	16.4	22.7	31.8	52.7	78.2	167.6	343.1	1068.2	4426.1	F	DISEASE	
-	-	2.7	2.8	-	-	5.0	-	9.5	8.7	M	Rheumatic heart	390-398/I00-I09
-	-	-	2.9	9.9	-	13.6	5.7	14.8	41.3	F	disease and fever	
-	-	2.7	-	9.8	19.7	35.3	82.6	123.3	459.1	M	Hypertensive disease	401-405/I10-I15
-	-	-	-	3.3	3.7	-	28.6	133.5	661.0	F		
14.5	42.5	86.0	88.0	124.2	173.4	277.1	368.5	692.2	1117.6	M	Ischaemic heart	410-414/I20-I25
-	2.7	17.1	17.3	26.4	26.1	67.9	108.7	267.1	808.5	F	disease	
-	-	-	2.8	-	3.9	-	19.1	-	17.3	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
-	-	-	2.9	-	-	4.5	11.4	7.4	17.7	F	and other venous	
-	15.9	2.7	19.9	13.1	55.2	65.5	120.7	237.1	918.3	M	Cerebrovascular	430-438/I60-I69
-	5.5	5.7	5.8	13.2	18.6	22.6	68.6	259.6	967.8	F	disease	
12.1	8.0	8.1	25.5	45.8	63.1	90.7	177.9	369.8	1576.7	M	Other vascular	Rest of 390-459/ rest of I00-I99
-	5.5	-	-	3.3	29.8	58.9	120.1	378.3	1918.0	F	disease	
-	-	-	-	-	23.6	25.2	44.5	151.7	355.2	M	Chronic obstructive	490-496/ J40-J47, J67
-	-	-	-	-	9.9	13.6	22.9	29.7	135.7	F	pulmonary disease	
7.2	8.0	13.4	8.5	9.8	19.7	25.2	108.0	199.1	719.0	M	Other respiratory	Rest of 460-519/ rest of J00-J98
2.6	2.7	-	2.9	13.2	7.5	36.2	68.6	103.9	525.2	F	disease	
-	-	-	2.8	-	3.9	-	-	-	52.0	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	-	-	-	-	-	17.7	F		
-	2.7	-	8.5	29.4	19.7	20.1	44.5	9.5	60.6	M	Liver cirrhosis	571/K70, K74
-	2.7	-	2.9	13.2	-	4.5	22.9	44.5	29.5	F		
4.8	2.7	-	-	9.8	7.9	30.2	50.8	161.2	363.9	M	Renal disease	580-590/N00-N19
-	-	-	-	9.9	3.7	13.6	5.7	44.5	259.7	F		
-	-	-	2.8	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	-	-	3.3	-	-	5.7	-	5.9	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
4.8	2.7	10.8	11.3	16.4	35.5	80.6	31.8	161.2	493.8	F	perinatal causes	
-	2.7	2.8	5.8	19.8	18.6	36.2	28.6	66.8	714.1	M	Ill-defined causes	780-799/R00-R99
-	-	-	-	-	-	-	-	-	-	F		
12.1	10.6	10.8	8.5	16.4	71.0	85.6	216.0	502.6	1091.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
5.2	5.5	2.8	11.6	26.4	29.8	63.4	154.4	452.5	1180.3	F		
74.8	42.5	37.6	28.4	42.5	35.5	35.3	95.3	142.2	372.5	M	ALL NON-	E800-E999/V01-Y89
13.0	5.5	11.4	17.3	13.2	18.6	4.5	28.6	51.9	265.6	F	MEDICAL CAUSES	
28.9	2.7	21.5	11.3	3.3	-	10.1	12.7	19.0	78.0	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
5.2	2.7	-	-	-	3.7	4.5	-	7.4	17.7	F	accidents	
-	2.7	-	2.8	-	-	-	-	-	-	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	-	-	5.9	F		
12.1	15.9	8.1	-	13.1	3.9	10.1	6.3	-	34.6	M	Suicide	E950-E959/X60-X84
-	2.7	5.7	2.9	-	3.7	-	-	-	-	F		
41.5	37.6	37.2	35.2	30.6	25.4	19.9	15.7	10.5	11.5	M	POPULATION	
38.5	36.5	35.2	34.6	30.4	26.8	22.1	17.5	13.5	16.9	F	(1000s; UN, 2015 revision)	

## CYPRUS: 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	– / 0.2	– / 0.1	–
35–69	0.2 / 1.0	0.0 / 0.5	23 years
70+	0.3 / 2.1	0.1 / 2.4	8 years
All ages	0.5 / 3.2	0.1 / 2.9	14 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	–/1	82/98	86/103	168/202	–/0	7/26	10/26	17/52
All Cancer	–/13	101/314 (32%)	115/453 (25%)	216/780	–/8	7/238 (3%)	13/334 (4%)	20/580
Vascular	–/14	83/331	92/819	175/1164	–/4	7/103	33/1041	40/1148
Respiratory	–/2	17/38	56/194	73/234	–/1	0/22	16/178	16/201
All Other	–/156	23/274	33/637	56/1067	–/43	3/127	12/819	15/989
All Causes	–/184	224/957 (23%)	296/2106 (14%)	520/3247	–/60	17/491 (3%)	74/2372 (3%)	91/2923

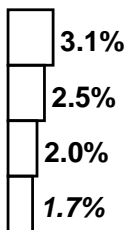
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	0.2 / 0.8 (28%)	0.0 / 0.6 (3%)	0.2 / 1.4 (17%)
All Causes	0.5 / 3.2 (16%)	0.1 / 2.9 (3%)	0.6 / 6.2 (10%)



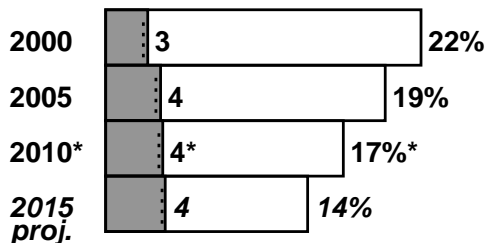
2000-2015: CYPRUS

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)

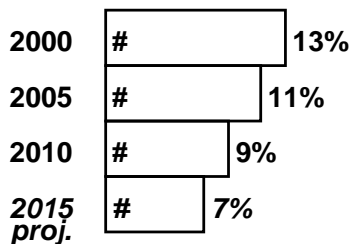
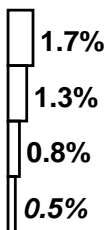
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 17 would die before age 70 (with 4 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



# Real risk too low to estimate reliably





## CZECH REPUBLIC: 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	– / 1.5	– / 0.6	–
35–69	7.6 / 22	2.0 / 11	21 years
70+	6.5 / 30	4.0 / 41	8 years
All ages	14 / 54	6.0 / 53	14 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	2.1/2.3	1.5/1.7	3.6/3.9	–/0.0	0.6/0.8	0.6/0.8	1.1/1.6
All Cancer	–/0.1	3.2/7.7 (42%)	2.3/7.5 (31%)	5.5/15	–/0.1	0.7/5.0 (15%)	0.7/7.1 (10%)	1.5/12
Vascular	–/0.1	3.1/7.6	3.0/16	6.1/24	–/0.0	0.8/3.0	2.5/26	3.3/29
Respiratory	–/0.0	0.7/1.1	0.9/2.1	1.5/3.3	–/0.0	0.2/0.5	0.6/2.1	0.8/2.7
All Other	–/1.2	0.6/6.0	0.3/4.2	1.0/11	–/0.5	0.2/2.4	0.3/6.0	0.5/8.8
All Causes	–/1.5	7.6/22 (34%)	6.5/30 (21%)	14/54	–/0.6	2.0/11 (18%)	4.0/41 (10%)	6.0/53

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

Cause	Male	Female	Male + Female
All Cancer	5.5 / 15 (36%)	1.5 / 12 (12%)	7.0 / 28 (25%)
All Causes	14 / 54 (26%)	6.0 / 53 (11%)	20 / 107 (19%)

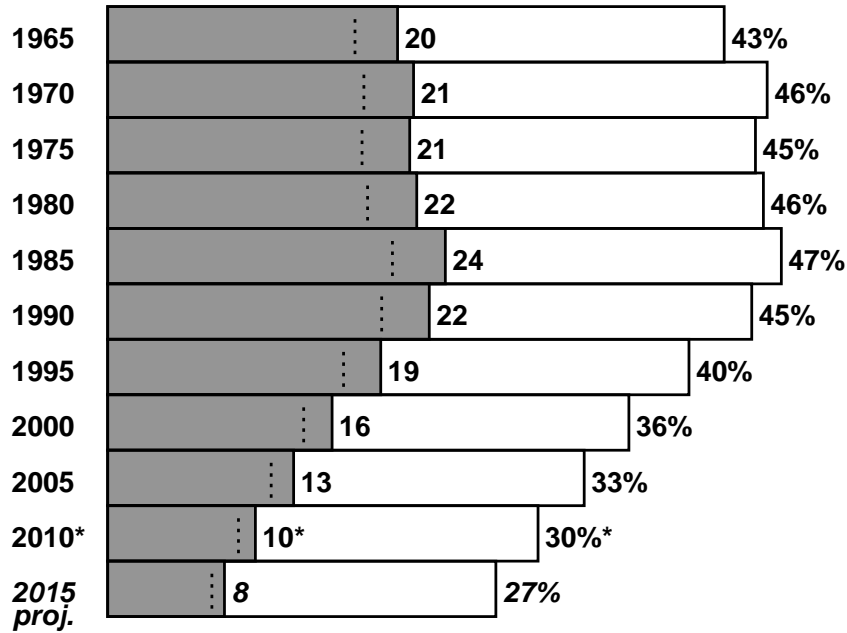
1965-2015: CZECH REPUBLIC

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)

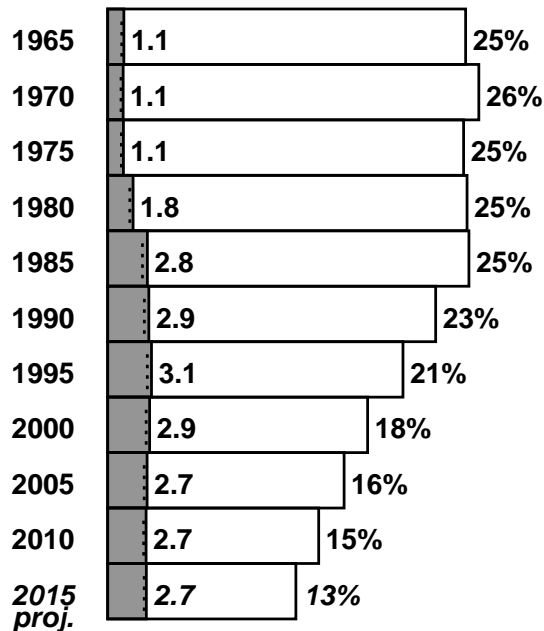
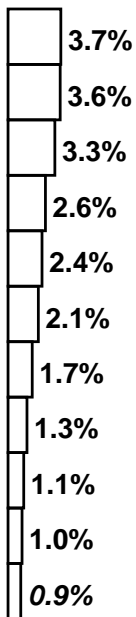
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 30 would die before age 70 (with \* 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



<b>CZECH REPUBLIC: 1960-2015</b>
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*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	– / 1.1	– / 0.5	–
35–69	6.3 / 21	2.1 / 10	<b>21 years</b>
70+	6.2 / 31	4.3 / 39	8 years
<b>All ages</b>	<b>13 / 53</b>	<b>6.4 / 50</b>	<b>14 years</b>

**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	–/4.7	13/27 (47%)	6.1/23 (26%)	19/55	–/2.5	0.7/17 (4%)	1.1/30 (4%)	1.8/49
1975	–/4.9	14/29 (46%)	11/31 (34%)	24/65	–/2.6	0.7/17 (4%)	1.4/41 (4%)	2.2/60
1985	–/3.3	14/28 (51%)	9.9/36 (28%)	24/66	–/1.7	1.6/15 (11%)	1.7/49 (4%)	3.3/65
1995	–/2.5	12/26 (47%)	7.7/30 (26%)	20/58	–/1.1	1.9/13 (15%)	2.8/43 (6%)	4.7/58
2005	–/1.8	8.6/22 (39%)	7.1/30 (24%)	16/54	–/0.7	1.8/11 (17%)	3.7/42 (9%)	5.5/53
2015 <i>proj.</i>	–/1.1	6.3/21 (30%)	6.2/31 (20%)	13/53	–/0.5	2.1/10 (21%)	4.3/39 (11%)	6.4/50

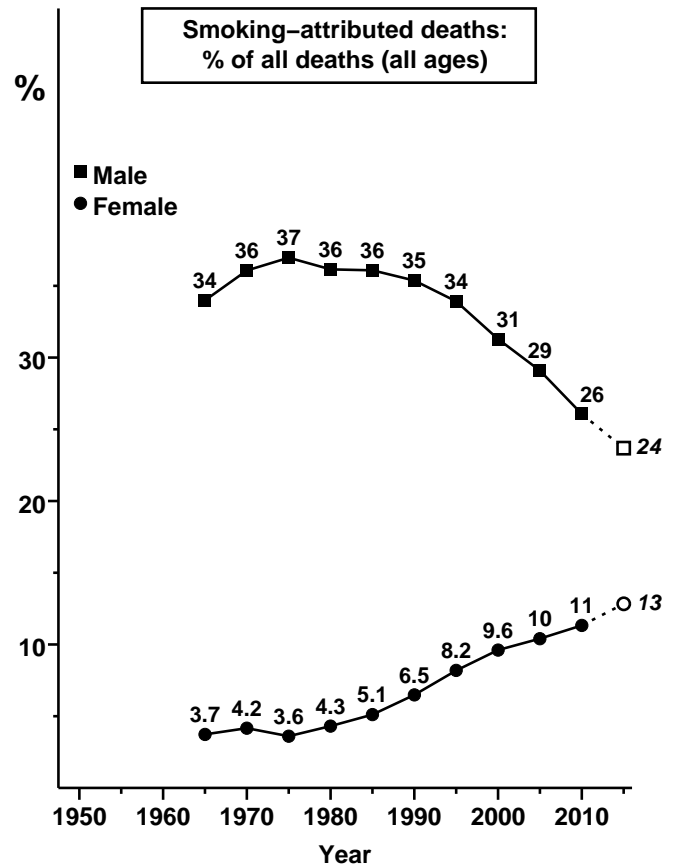
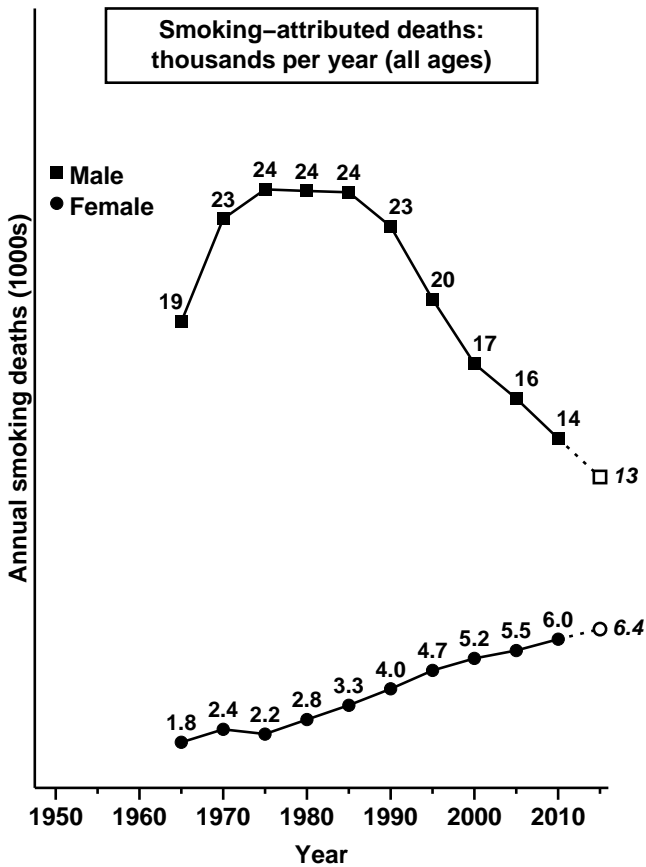
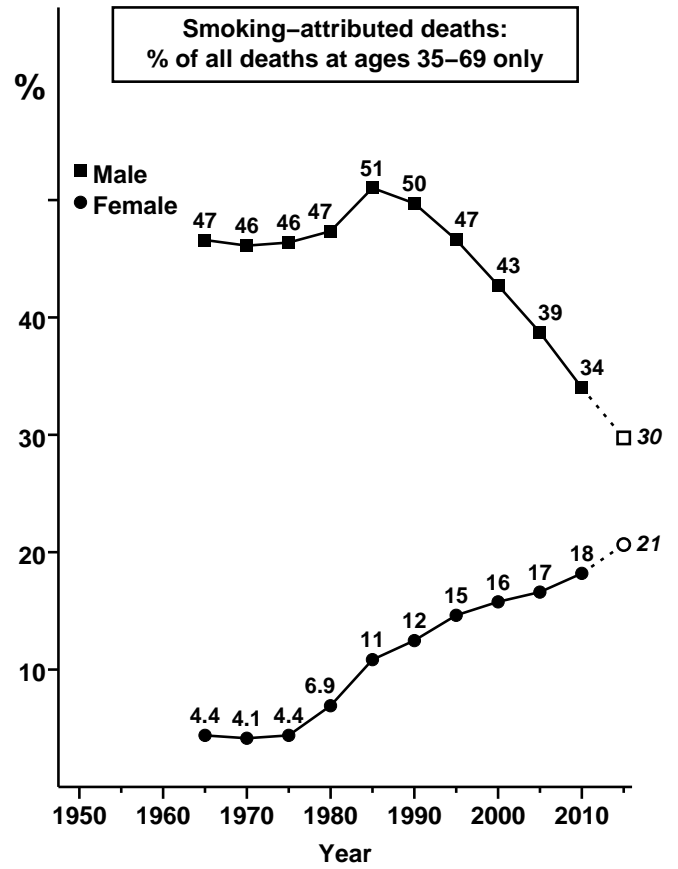
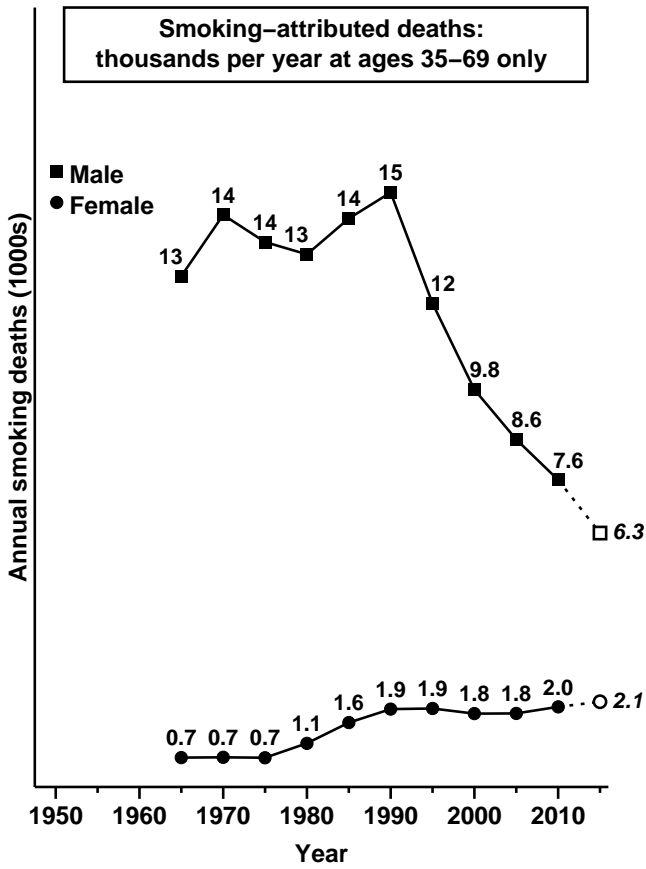
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 1388 / 6871**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

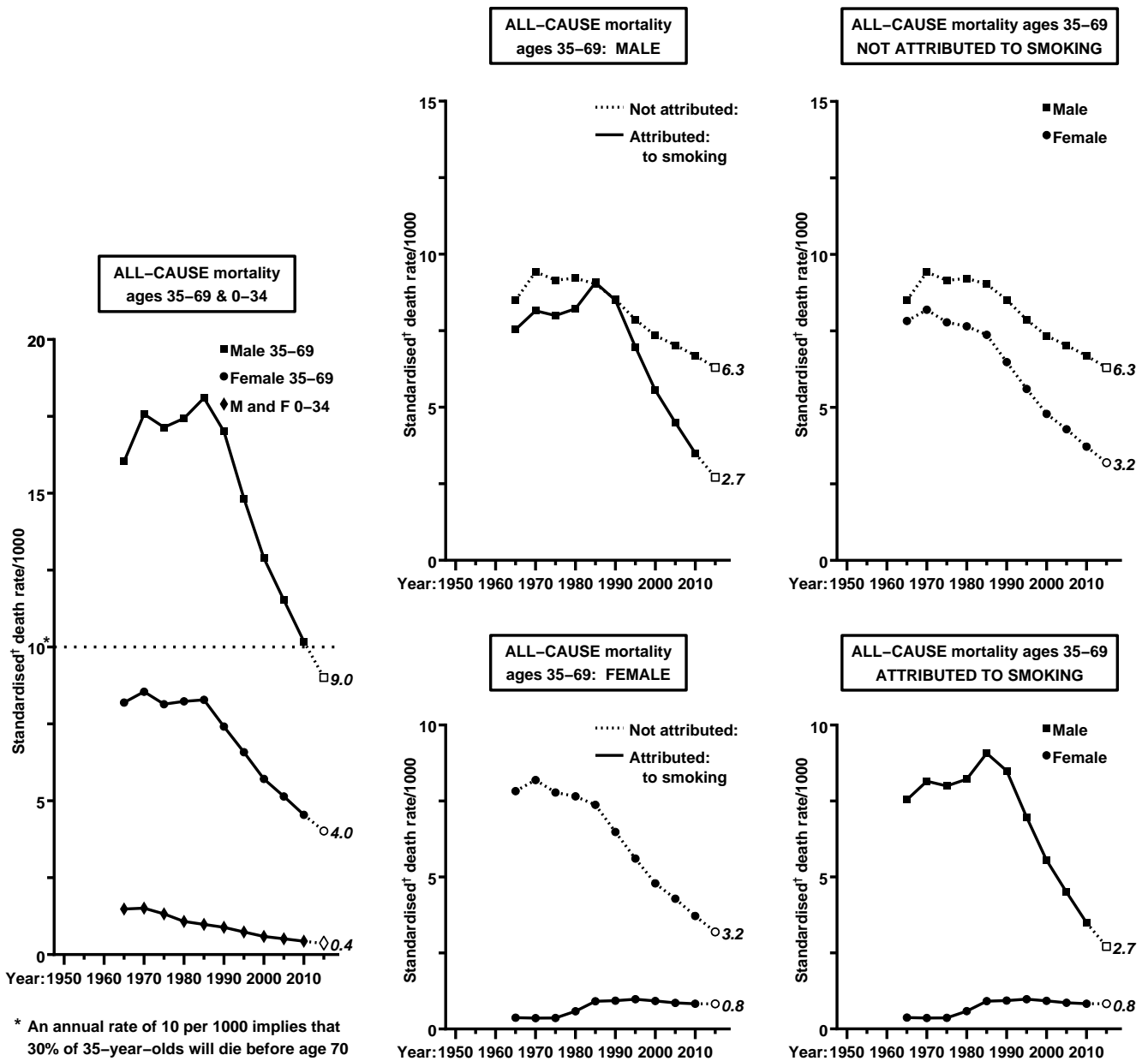
–/182	672/1530 (44%)	476/1805 (26%)	1148/3518	–/92	89/823 (11%)	151/2438 (6%)	240/3353
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1965-2015: CZECH REPUBLIC



**CZECH REPUBLIC: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



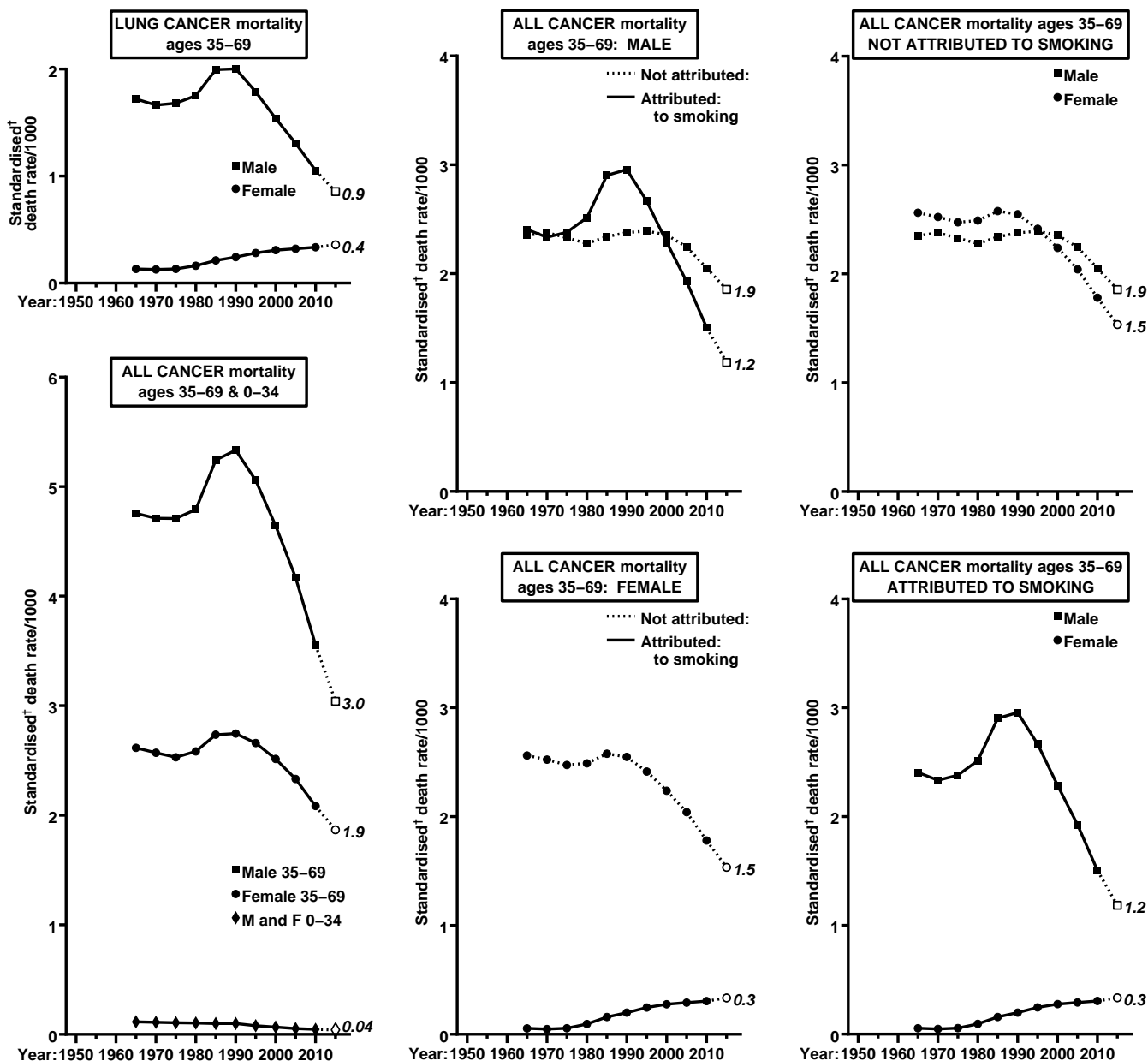
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	-	1.89	7.54	8.49	24.1	61.6	-	1.07	0.37	7.82	2.43	57.2	-	1.06	0.36	8.19	2.89	59.0
1970	-	1.96	8.15	9.42	31.5	64.0	-	0.95	0.36	7.78	2.14	57.1	-	0.75	0.58	7.65	2.34	56.1
1975	-	1.69	7.99	9.15	33.3	62.0	-	0.68	0.91	7.37	2.36	54.4	-	0.61	0.93	6.48	3.33	49.4
1980	-	1.40	8.22	9.22	30.1	62.8	-	0.49	0.98	5.60	3.42	44.4	-	0.38	0.92	4.79	3.85	35.7
1985	-	1.27	9.07	9.03	26.4	64.1	-	0.31	0.86	4.28	3.79	31.6	-	0.28	0.83	3.72	3.65	26.2
1990	-	1.16	8.49	8.52	25.0	61.7	-	0.25	0.83	3.72	3.79	26.2	-	0.25	0.82	3.19	3.54	21.6
1995	-	0.98	6.97	7.86	21.3	56.3	-	0.25	0.82	3.19	3.54	21.6	-	0.25	0.82	3.19	3.54	21.6
2000	-	0.79	5.55	7.34	17.6	47.3	-	0.25	0.82	3.19	3.54	21.6	-	0.25	0.82	3.19	3.54	21.6
2005	-	0.71	4.50	7.03	15.7	43.4	-	0.25	0.82	3.19	3.54	21.6	-	0.25	0.82	3.19	3.54	21.6
2010	-	0.59	3.49	6.69	12.7	38.3	-	0.25	0.82	3.19	3.54	21.6	-	0.25	0.82	3.19	3.54	21.6
2015	-	0.49	2.71	6.30	10.4	33.6	-	0.25	0.82	3.19	3.54	21.6	-	0.25	0.82	3.19	3.54	21.6

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



1965-2015: CZECH REPUBLIC

ALL CANCER mortality rates attributed and not attributed to smoking



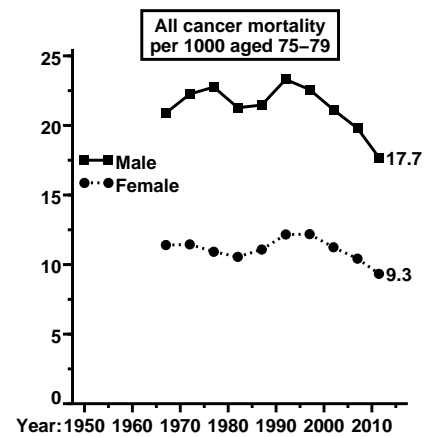
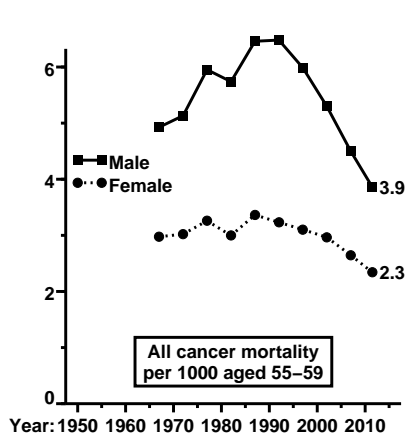
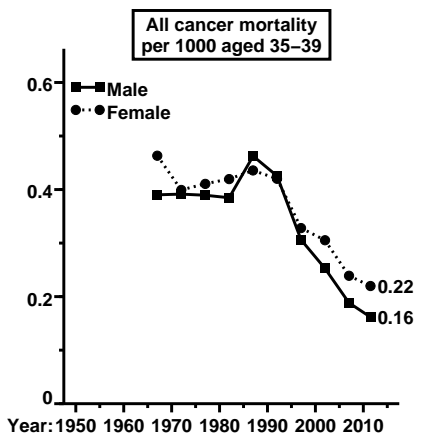
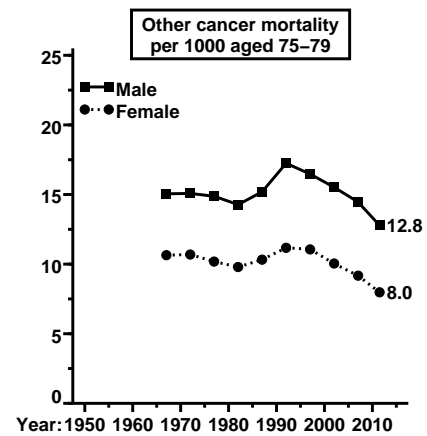
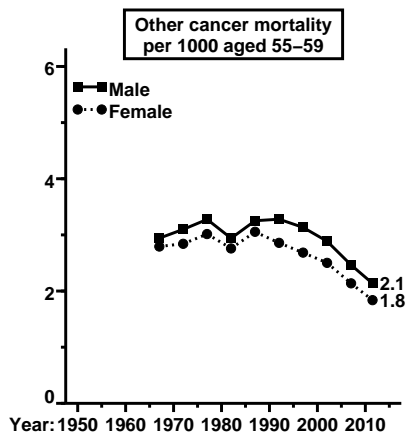
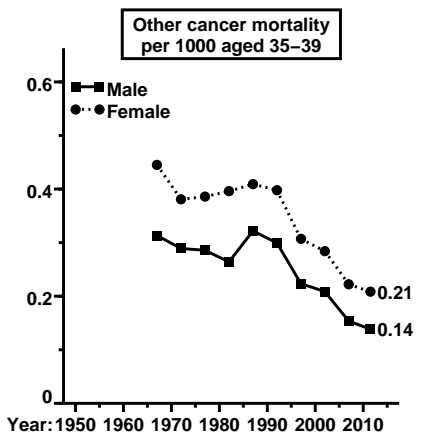
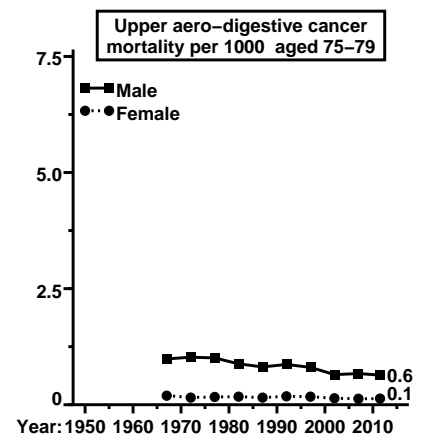
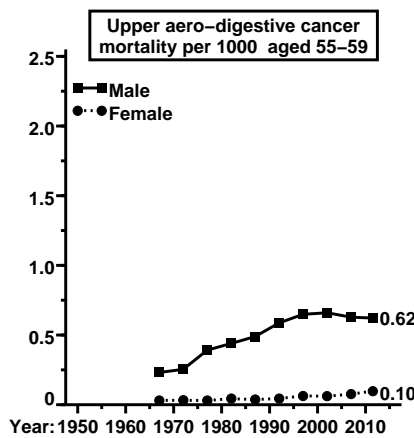
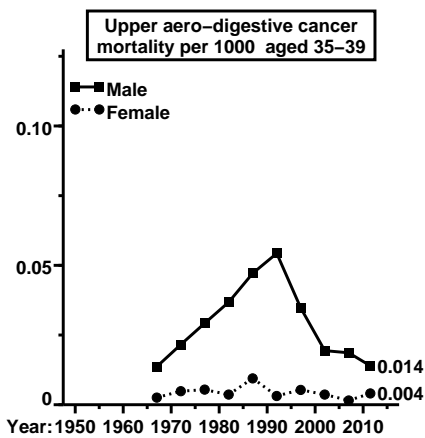
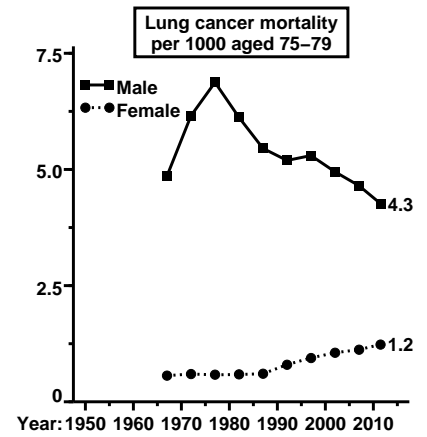
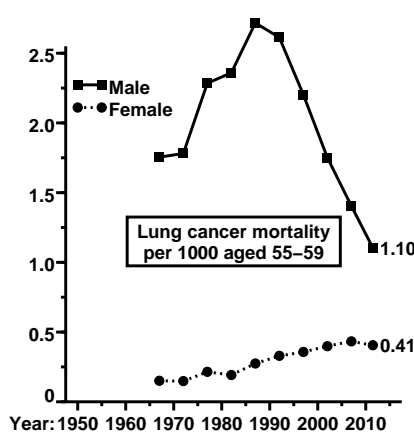
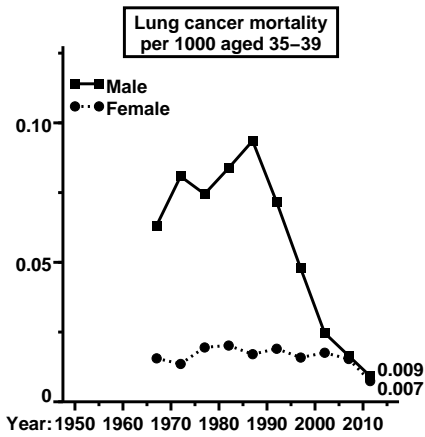
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.12	2.40	2.35	6.62	12.1	-	0.10	0.05	2.56	0.28	9.81	-	0.10	0.05	2.52	0.32	9.72
1970	-	0.12	2.33	2.38	8.19	11.9	-	0.10	0.05	2.52	0.25	9.44	-	0.09	0.09	2.49	0.29	9.03
1975	-	0.11	2.38	2.33	8.19	11.3	-	0.09	0.09	2.49	0.29	9.03	-	0.09	0.16	2.58	0.33	9.32
1980	-	0.11	2.51	2.28	7.45	11.7	-	0.09	0.20	2.55	0.52	9.87	-	0.09	0.20	2.55	0.52	9.87
1985	-	0.11	2.90	2.34	7.71	12.9	-	0.09	0.25	2.41	0.65	9.89	-	0.07	0.25	2.41	0.65	9.89
1990	-	0.11	2.96	2.38	7.38	13.0	-	0.07	0.28	2.24	0.86	9.03	-	0.06	0.28	2.24	0.86	9.03
1995	-	0.08	2.29	2.36	6.73	12.3	-	0.06	0.29	2.04	0.95	8.54	-	0.05	0.29	2.04	0.95	8.54
2000	-	0.07	1.93	2.24	6.41	12.0	-	0.05	0.30	1.78	1.04	7.45	-	0.04	0.30	1.78	1.04	7.45
2005	-	0.06	1.50	2.05	5.50	10.8	-	0.04	0.30	1.78	1.04	7.45	-	0.04	0.30	1.78	1.04	7.45
2010	-	0.05	1.18	1.86	4.72	9.70	-	0.04	0.33	1.53	1.14	6.45	-	0.04	0.33	1.53	1.14	6.45
2015	-	0.04	1.18	1.86	4.72	9.70	-	0.04	0.33	1.53	1.14	6.45	-	0.04	0.33	1.53	1.14	6.45

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

**CZECH REPUBLIC: 1965-2013**

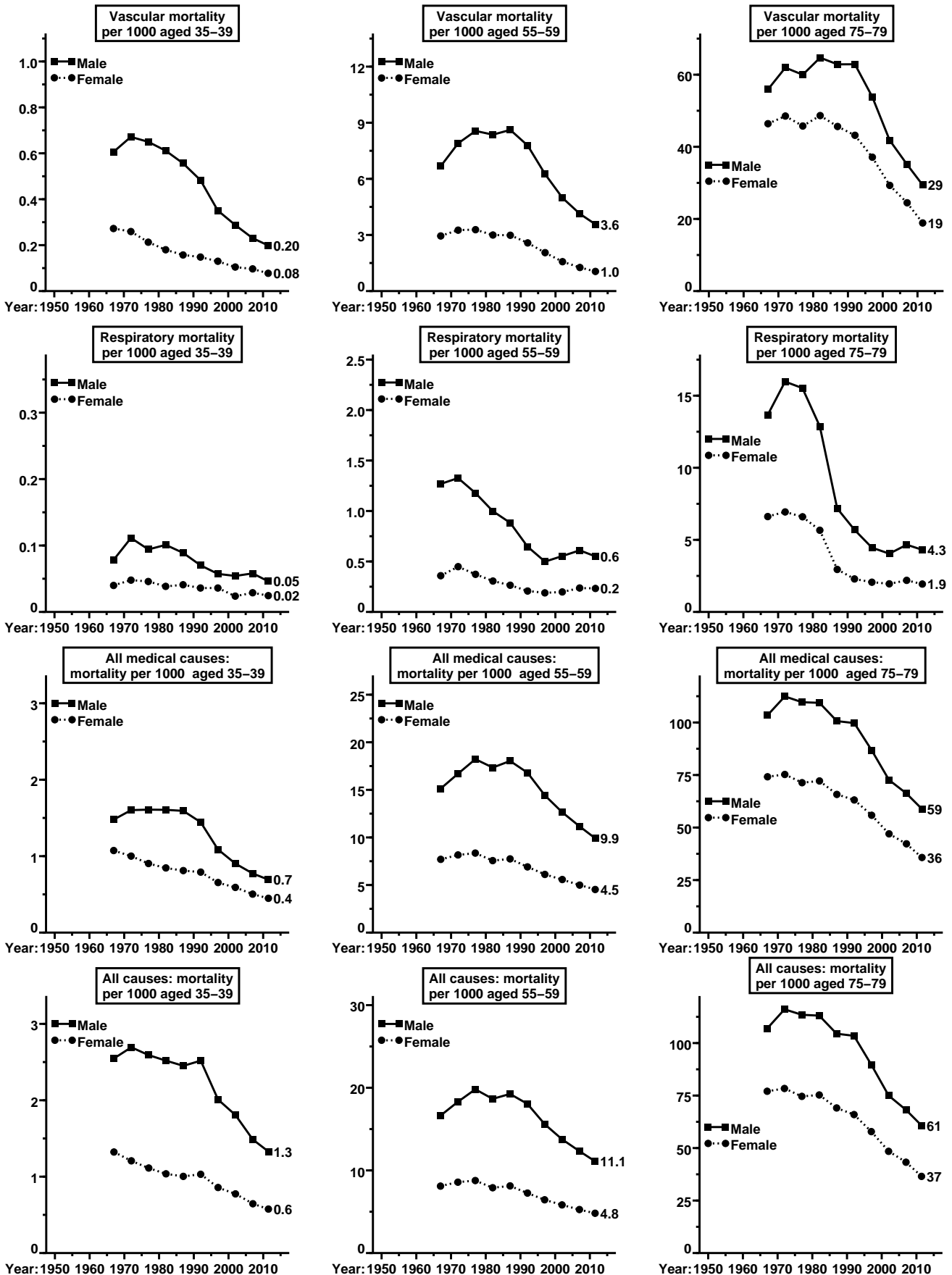
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

1965-2013: CZECH REPUBLIC

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13





**DENMARK: 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	– / 0.5	– / 0.3	–
35–69	2.1 / 8.5	1.7 / 5.5	<b>22 years</b>
70+	4.0 / 17	5.7 / 21	7 years
All ages	6.1 / 26	7.4 / 27	12 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	0.7/0.8	1.0/1.1	1.7/1.9	–/0.0	0.6/0.8	0.9/1.0	1.5/1.7
All Cancer	–/0.0	1.0/3.0 (34%)	1.5/4.8 (32%)	2.6/7.9	–/0.0	0.8/2.8 (28%)	1.2/4.5 (27%)	2.0/7.3
Vascular	–/0.0	0.5/1.6	1.0/5.2	1.4/6.8	–/0.0	0.3/0.7	1.8/6.5	2.1/7.2
Respiratory	–/0.0	0.2/0.5	1.0/2.2	1.3/2.7	–/0.0	0.3/0.4	1.6/2.7	1.9/3.1
All Other	–/0.5	0.4/3.3	0.5/5.1	0.8/8.8	–/0.2	0.3/1.6	1.1/7.7	1.5/9.5
All Causes	–/0.5	2.1/8.5 (25%)	4.0/17 (23%)	6.1/26	–/0.3	1.7/5.5 (31%)	5.7/21 (27%)	7.4/27

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

Cause	Male	Female	Male + Female
All Cancer	2.6 / 7.9 (32%)	2.0 / 7.3 (27%)	4.6 / 15 (30%)
All Causes	6.1 / 26 (23%)	7.4 / 27 (27%)	14 / 53 (25%)

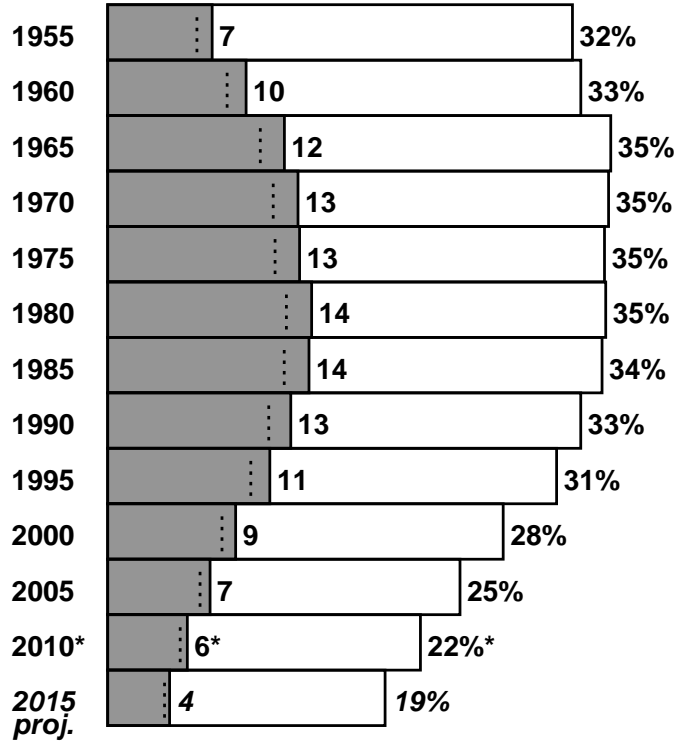
1955-2015: DENMARK

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)

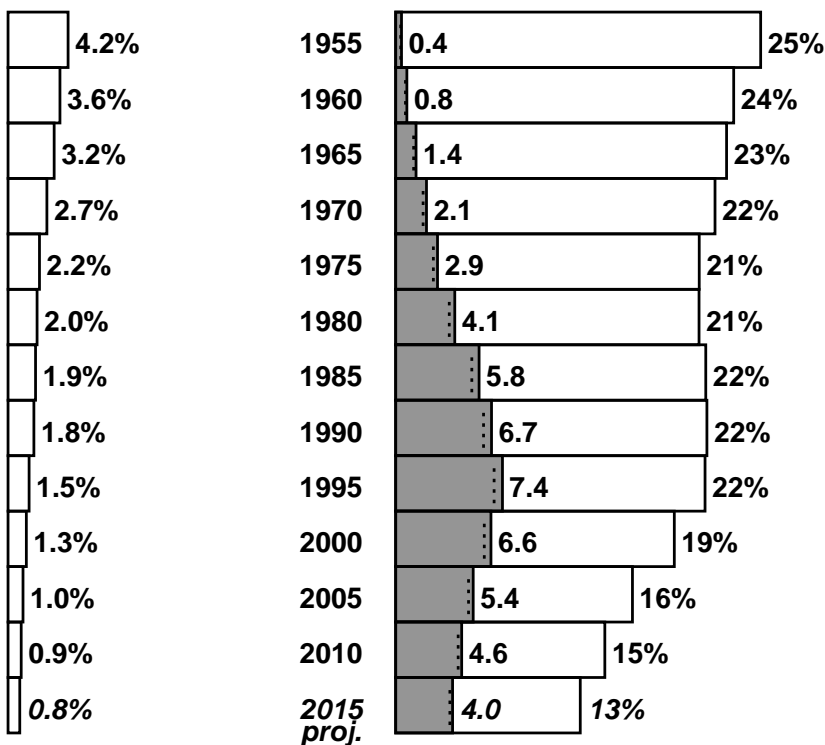
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 22 would die before age 70 (with 6 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



## DENMARK: 1950-2015

*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	– / 0.4	– / 0.3	–
35–69	1.7 / 7.8	1.6 / 5.1	22 years
70+	3.8 / 17	6.1 / 20	7 years
All ages	5.5 / 25	7.7 / 26	11 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	–/2.2	1.9/7.9 (24%)	0.5/11 (5%)	2.3/21	–/1.5	0.1/6.4 (1%)	0.0/11	0.1/19
1965	–/1.9	3.5/9.9 (36%)	1.8/14 (13%)	5.4/26	–/1.2	0.4/6.7 (6%)	0.4/14 (3%)	0.8/22
1975	–/1.5	4.1/11 (38%)	3.7/16 (23%)	7.8/28	–/0.8	0.9/6.5 (14%)	0.9/16 (6%)	1.8/23
1985	–/1.3	4.2/11 (40%)	5.2/18 (29%)	9.5/30	–/0.6	1.8/6.7 (27%)	2.4/20 (12%)	4.1/27
1995	–/1.0	3.4/9.7 (35%)	5.2/20 (26%)	8.6/30	–/0.5	2.2/6.7 (33%)	4.2/24 (18%)	6.4/31
2005	–/0.7	2.5/8.8 (28%)	4.4/18 (25%)	6.9/27	–/0.3	1.8/5.7 (32%)	5.4/22 (24%)	7.3/28
2015 proj.	–/0.4	1.7/7.8 (22%)	3.8/17 (22%)	5.5/25	–/0.3	1.6/5.1 (31%)	6.1/20 (30%)	7.7/26

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 717 / 3244

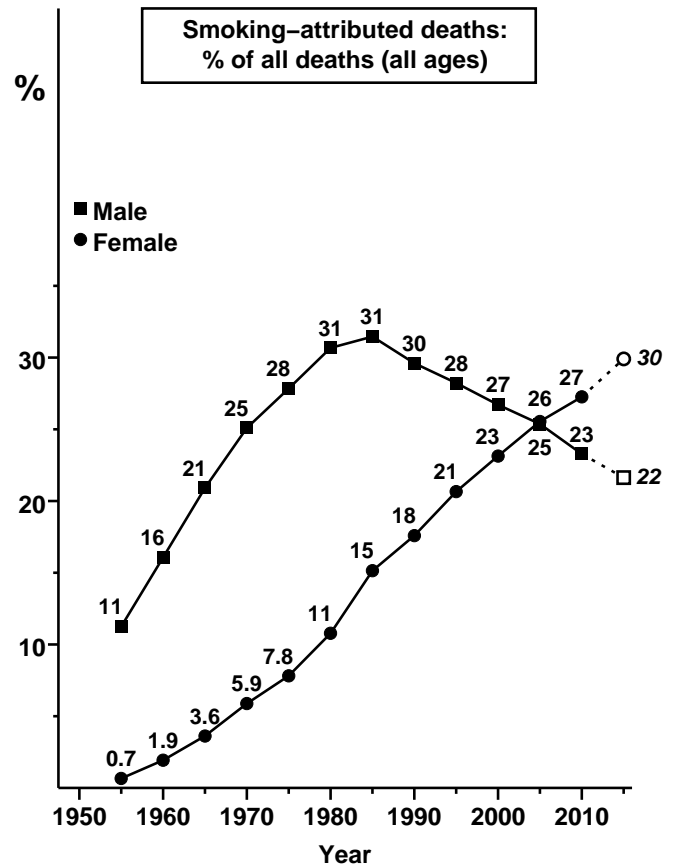
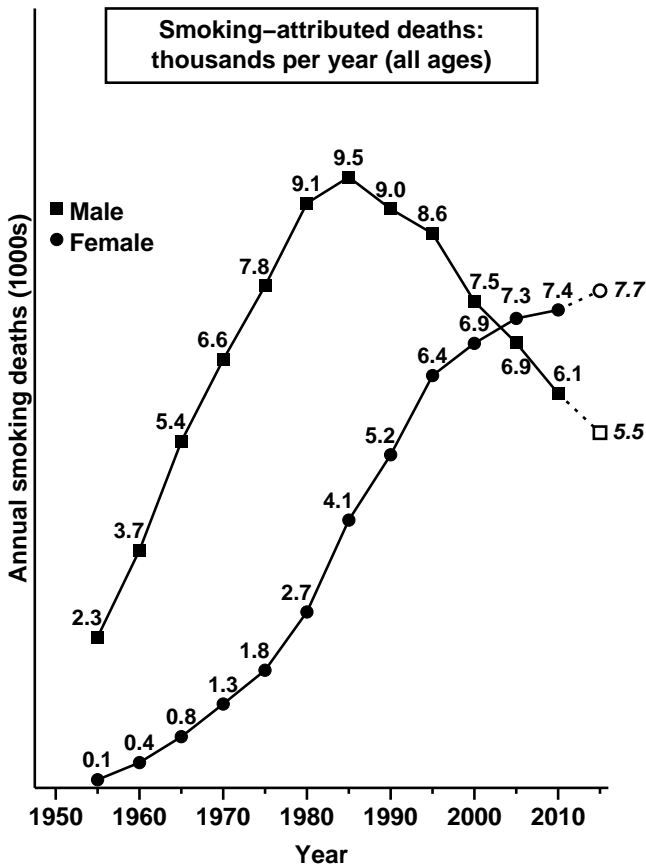
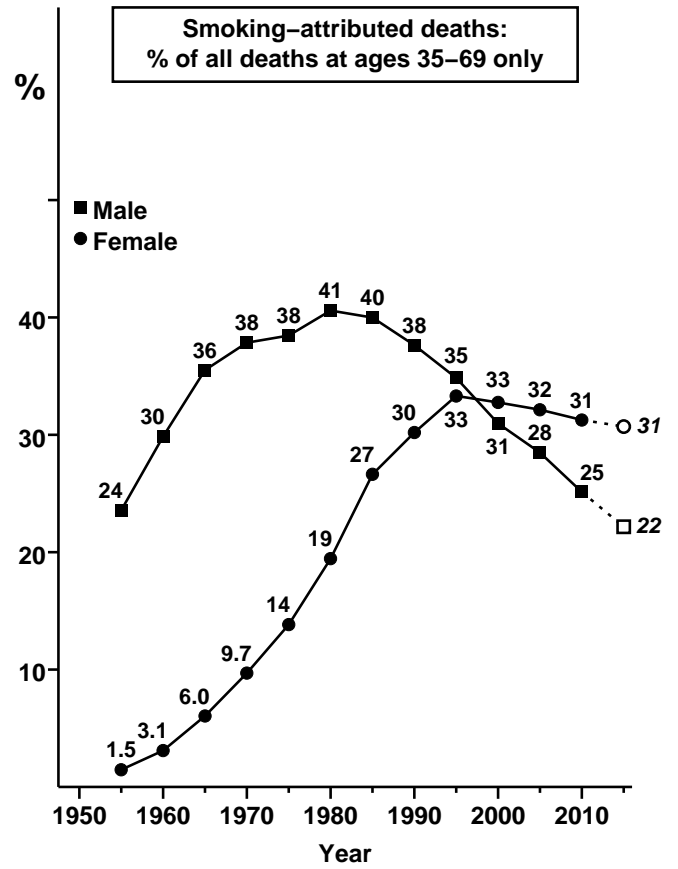
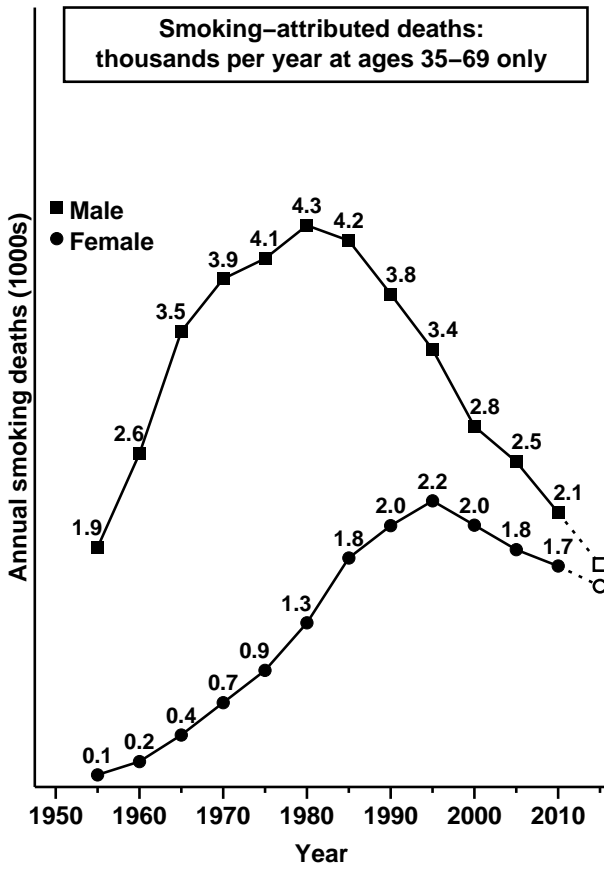
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

1960–2020, by age &amp; sex:

–/68	195/575 (34%)	241/1024 (24%)	436/1667	–/37	87/373 (23%)	194/1167 (17%)	281/1577
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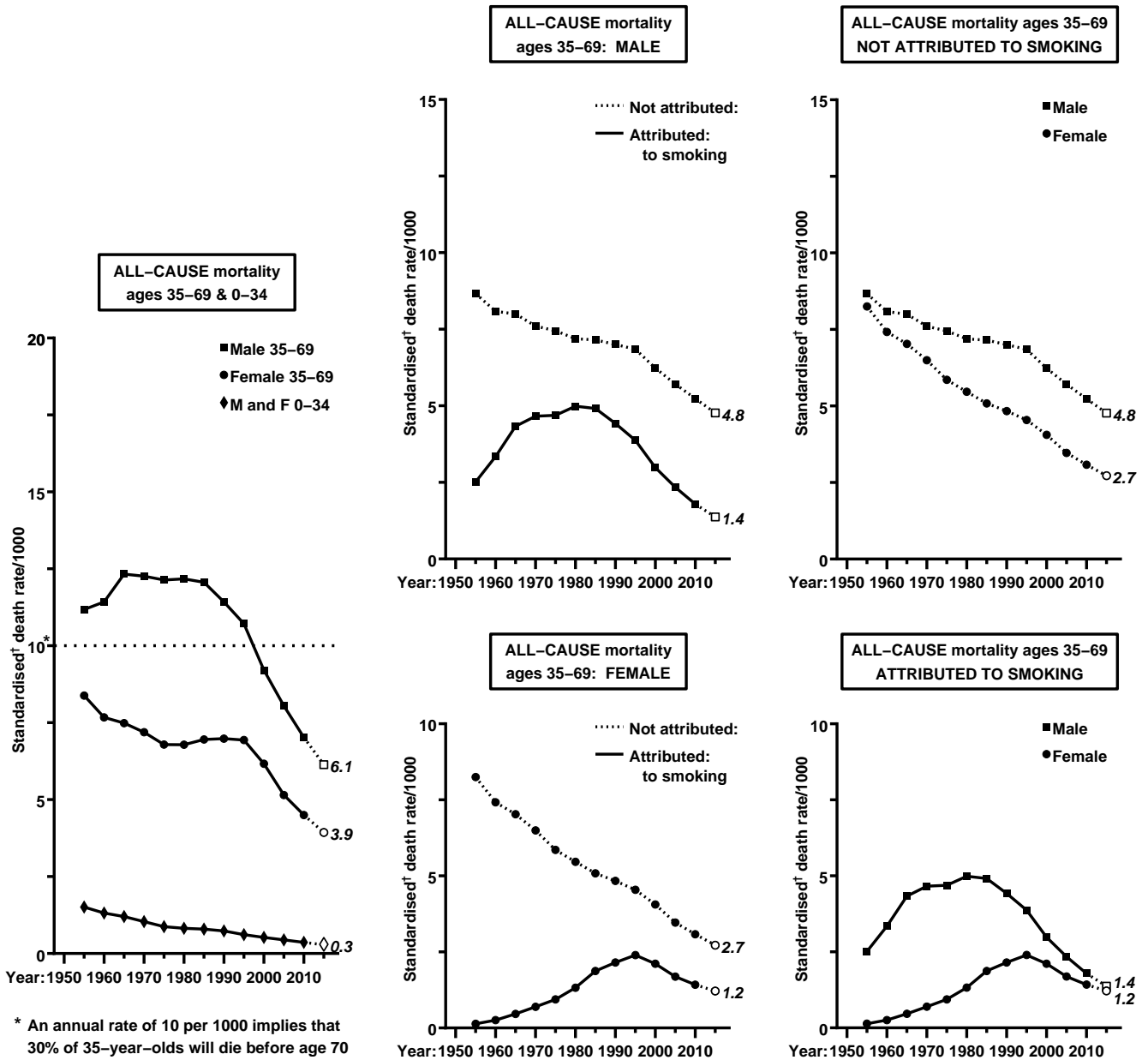


1955-2015: DENMARK



**DENMARK: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

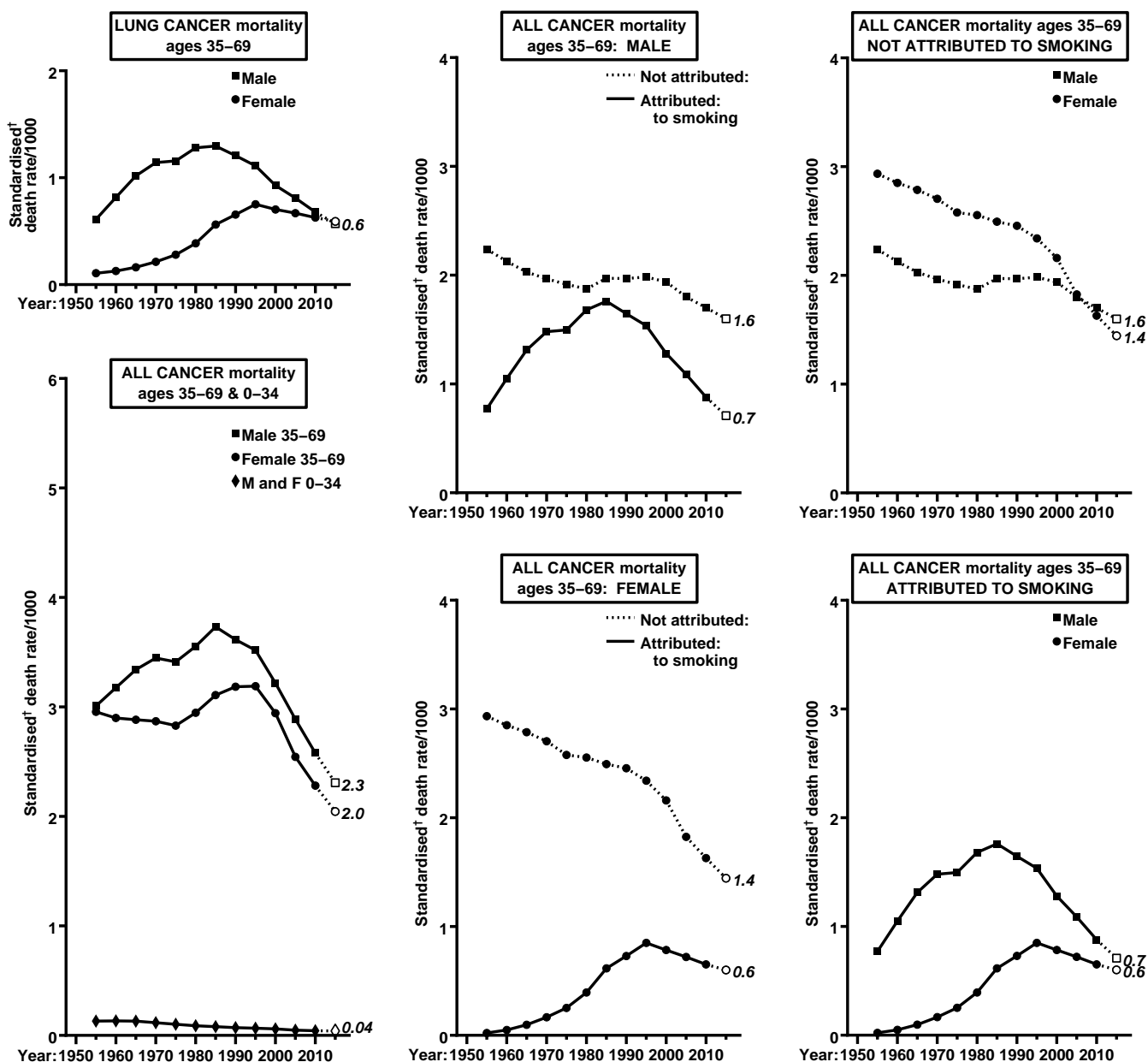
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	-	1.79	2.51	8.66	3.39	61.2	-	1.22	0.13	8.25	0.24	57.5				
1960	-	1.57	3.34	8.08	6.86	59.5	-	1.05	0.25	7.42	0.98	53.8				
1965	-	1.46	4.33	8.00	10.7	58.3	-	0.93	0.46	7.02	1.72	49.5				
1970	-	1.28	4.66	7.60	14.3	51.8	-	0.78	0.69	6.49	2.24	41.6				
1975	-	1.11	4.69	7.45	17.7	49.2	-	0.63	0.94	5.85	2.83	37.2				
1980	-	1.05	4.98	7.19	20.4	47.0	-	0.58	1.32	5.46	3.77	33.6				
1985	-	1.03	4.91	7.15	20.7	44.1	-	0.55	1.87	5.08	5.36	30.5				
1990	-	0.94	4.42	7.00	19.4	43.7	-	0.52	2.15	4.83	6.76	29.3				
1995	-	0.80	3.87	6.84	18.8	43.1	-	0.42	2.39	4.54	8.77	28.2				
2000	-	0.67	2.98	6.23	16.5	38.2	-	0.37	2.11	4.06	10.0	25.3				
2005	-	0.58	2.34	5.71	14.0	34.1	-	0.30	1.69	3.46	10.4	21.7				
2010	-	0.46	1.79	5.23	10.8	30.0	-	0.26	1.42	3.08	9.27	18.8				
2015	-	0.36	1.37	4.77	8.38	26.2	-	0.23	1.21	2.72	8.67	16.0				

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

1955-2015: DENMARK

ALL CANCER mortality rates attributed and not attributed to smoking



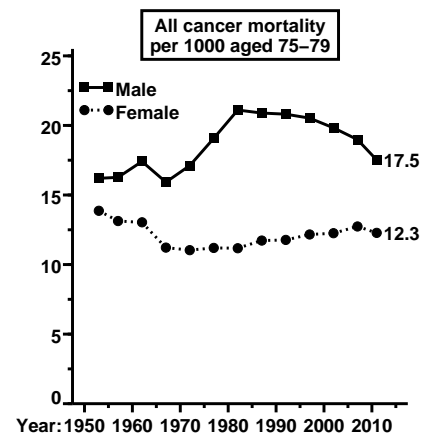
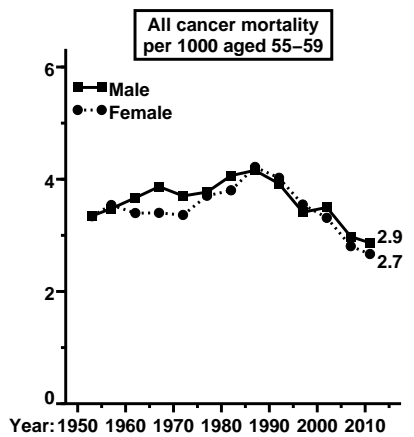
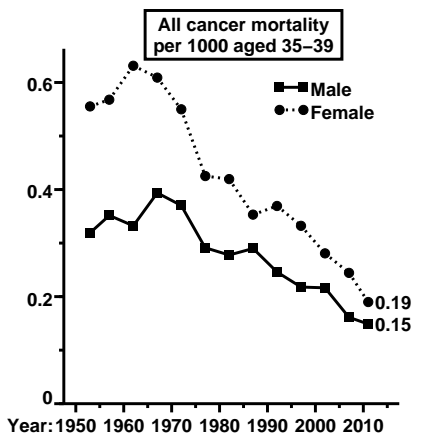
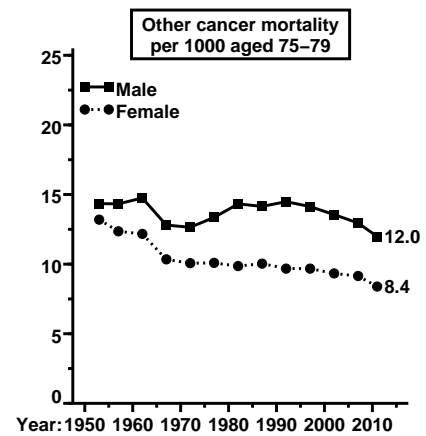
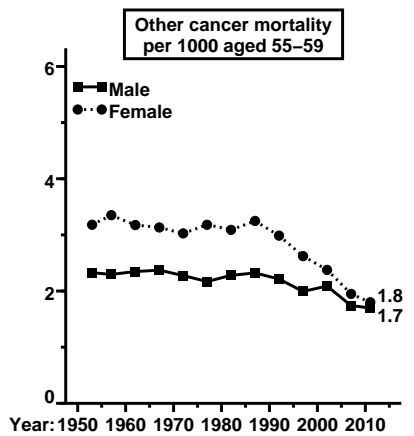
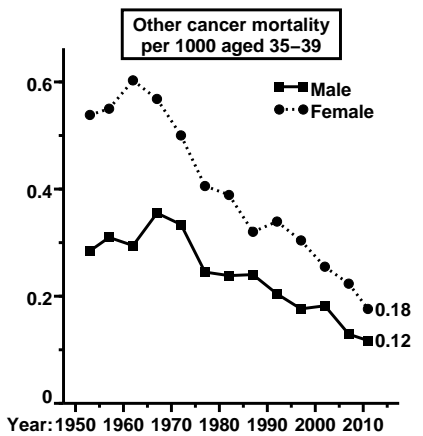
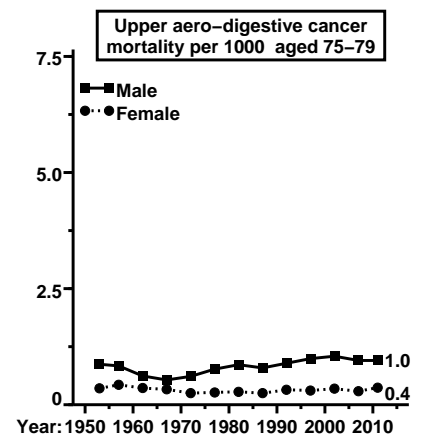
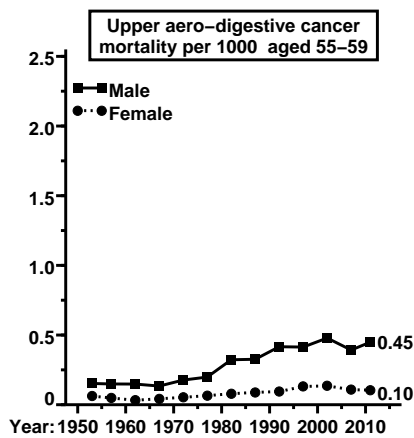
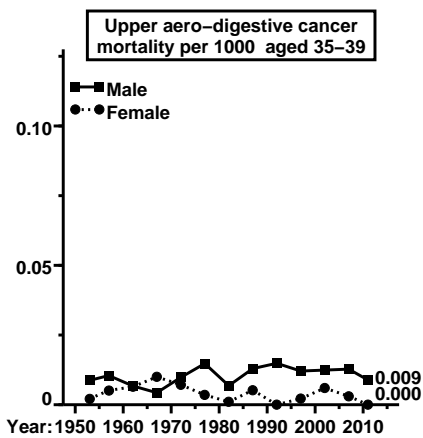
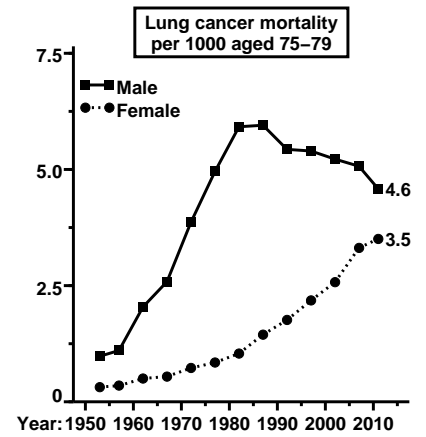
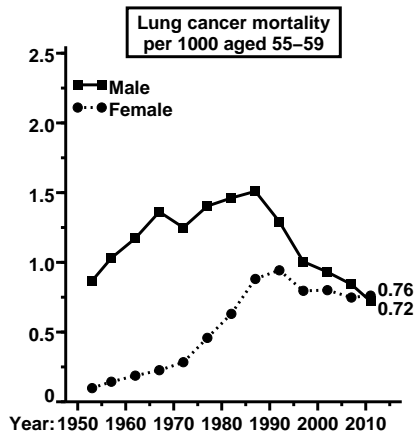
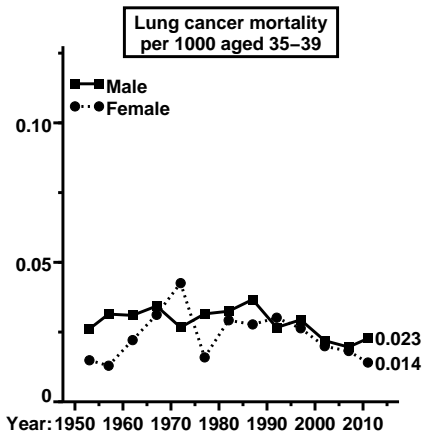
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	-	0.13	0.77	2.24	1.07	12.8	-	0.13	0.02	2.93	0.04	11.2		
1960	-	0.14	1.05	2.13	2.15	12.5	-	0.12	0.05	2.85	0.16	11.0		
1965	-	0.14	1.31	2.03	3.21	11.6	-	0.12	0.10	2.79	0.29	10.2		
1970	-	0.12	1.48	1.97	4.46	10.3	-	0.11	0.17	2.70	0.43	9.20		
1975	-	0.11	1.50	1.92	5.69	10.3	-	0.10	0.25	2.58	0.59	8.94		
1980	-	0.10	1.68	1.87	7.03	10.7	-	0.08	0.39	2.55	0.89	9.03		
1985	-	0.08	1.76	1.97	7.42	10.8	-	0.07	0.61	2.49	1.34	8.79		
1990	-	0.08	1.65	1.97	7.08	11.0	-	0.07	0.73	2.46	1.75	8.91		
1995	-	0.07	1.53	1.98	6.99	11.2	-	0.06	0.85	2.34	2.31	8.65		
2000	-	0.06	1.28	1.94	6.52	10.7	-	0.06	0.78	2.16	2.76	8.42		
2005	-	0.05	1.09	1.80	6.12	10.4	-	0.05	0.72	1.82	3.34	7.87		
2010	-	0.04	0.88	1.70	5.17	9.71	-	0.04	0.65	1.63	3.36	7.20		
2015	-	0.04	0.71	1.60	4.36	9.05	-	0.04	0.60	1.44	3.49	6.48		

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

**DENMARK: 1952-2012**

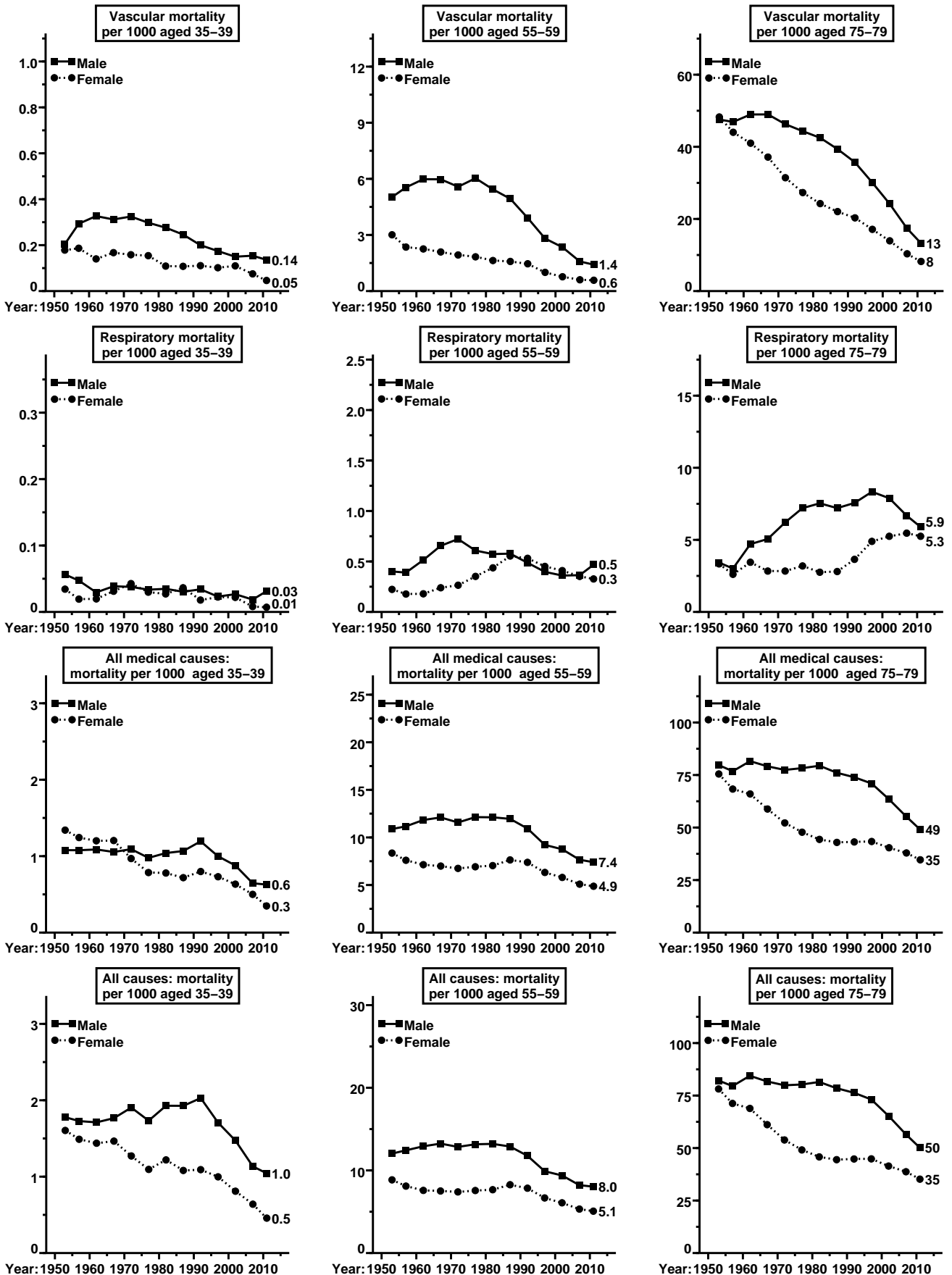
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 3-year average 2010–12

1952-2012: DENMARK

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 3-year average 2010-12

## ESTONIA: 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	7755	373	3209	1134.7	115.8	1347.0	117.4	21.0	16.5	72.8	122.9	209.9	250.3
	F	8026	106	1476	535.2	37.0	488.4	74.4	22.2	13.9	18.6	24.6	49.4	56.1
Tuberculosis	M	35	-	25	5.2	-	9.3	-	-	-	-	-	-	-
	F	6	1	1	0.5	0.3	0.3	-	-	-	-	-	-	2.2
Other infective and parasitic	M	50	22	19	7.5	6.7	6.6	7.5	-	-	-	1.9	10.2	27.6
	F	28	6	8	2.8	1.8	2.5	-	-	-	-	2.0	10.7	-
ALL CANCER	M	1946	28	822	282.3	9.2	367.6	10.0	12.0	3.3	2.5	7.7	12.2	17.0
	F	1604	9	554	127.5	3.0	181.9	2.7	-	-	2.6	2.0	4.3	9.0
Mouth and pharynx cancer	M	107	2	78	16.1	0.6	33.0	-	-	-	-	-	-	4.2
	F	26	1	8	2.1	0.3	2.5	-	-	-	-	-	-	2.2
Oesophagus cancer	M	48	-	32	7.2	-	13.8	-	-	-	-	-	-	-
	F	14	-	7	1.3	-	2.3	-	-	-	-	-	-	-
Stomach cancer	M	161	3	65	23.3	0.9	28.6	-	-	-	-	1.9	4.1	-
	F	128	1	40	9.7	0.3	13.1	-	-	-	-	-	-	2.2
Colorectal cancer	M	200	-	68	28.6	-	31.7	-	-	-	-	-	-	-
	F	209	-	44	14.4	-	14.7	-	-	-	-	-	-	-
Liver cancer	M	50	1	16	7.1	0.3	6.9	-	-	-	-	-	2.0	-
	F	30	-	5	2.1	-	1.6	-	-	-	-	-	-	-
Pancreas cancer	M	108	-	53	15.7	-	23.1	-	-	-	-	-	-	-
	F	107	-	31	8.0	-	10.3	-	-	-	-	-	-	-
Larynx cancer	M	29	-	17	4.4	-	7.4	-	-	-	-	-	-	-
	F	4	-	1	0.3	-	0.4	-	-	-	-	-	-	-
Lung cancer	M	506	-	236	73.2	-	107.8	-	-	-	-	-	-	-
	F	135	-	56	11.1	-	18.9	-	-	-	-	-	-	-
Malignant melanoma	M	27	-	12	3.9	-	5.1	-	-	-	-	-	-	-
	F	33	2	18	3.3	0.6	5.9	-	-	-	-	-	-	4.5
Female breast cancer	F	227	-	108	20.2	-	35.0	-	-	-	-	-	-	-
Cervix cancer	F	71	-	50	7.6	-	15.9	-	-	-	-	-	-	-
Other uterine cancer	F	52	-	24	4.4	-	8.3	-	-	-	-	-	-	-
Ovarian cancer	F	96	-	33	7.7	-	10.6	-	-	-	-	-	-	-
Prostate cancer	M	256	-	59	36.5	-	28.8	-	-	-	-	-	-	-
Bladder cancer	M	70	-	22	10.2	-	10.4	-	-	-	-	-	-	-
	F	36	-	4	2.2	-	1.2	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	256	12	118	37.5	3.9	52.4	7.5	-	3.3	-	3.8	4.1	8.5
	F	296	3	92	23.2	1.1	29.8	2.7	-	-	2.6	-	2.1	-
Hodgkin's disease	M	4	1	1	0.6	0.3	0.3	-	-	-	-	-	-	2.1
	F	2	-	1	0.1	-	0.4	-	-	-	-	-	-	-
Myeloma and non-Hodgkin lymphomas	M	62	3	25	9.0	1.1	9.6	-	3.0	-	2.5	1.9	-	-
	F	84	-	22	6.1	-	7.5	-	-	-	-	-	-	-
Leukaemia	M	62	6	20	9.2	2.2	9.0	2.5	9.0	-	-	-	2.0	2.1
	F	54	2	10	3.9	0.6	3.3	-	-	-	-	2.0	2.1	-
Diabetes	M	69	1	33	10.1	0.3	13.1	-	-	-	-	-	-	2.1
	F	83	-	20	5.8	-	6.8	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	3687	24	1251	534.3	7.4	548.3	-	-	-	12.6	5.8	8.2	25.4
	F	5063	3	501	293.0	1.2	170.7	2.7	-	3.5	-	-	-	2.2
Rheumatic heart disease and fever	M	6	-	2	0.8	-	1.1	-	-	-	-	-	-	-
	F	31	-	8	2.2	-	2.8	-	-	-	-	-	-	-
Hypertensive disease	M	662	-	211	95.1	-	93.2	-	-	-	-	-	-	-
	F	1186	-	107	68.4	-	36.9	-	-	-	-	-	-	-
Ischaemic heart disease	M	1900	6	604	275.2	1.8	269.4	-	-	-	-	1.9	-	10.6
	F	2423	-	178	134.5	-	60.8	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	35	1	18	5.2	0.3	7.6	-	-	-	-	-	-	2.1
	F	46	-	12	3.3	-	4.0	-	-	-	-	-	-	-
Cerebrovascular disease	M	501	4	144	72.0	1.2	64.2	-	-	-	-	1.9	-	6.4
	F	847	-	108	51.0	-	37.2	-	-	-	-	-	-	-
Other vascular disease	M	583	13	272	86.0	4.1	112.8	-	-	-	12.6	1.9	8.2	6.4
	F	530	3	88	33.7	1.2	29.2	2.7	3	3.5	-	-	-	2.2
Chronic obstructive pulmonary disease	M	156	2	43	22.4	0.7	19.9	2.5	-	-	-	-	-	2.1
	F	81	-	15	5.2	-	5.2	-	-	-	-	-	-	-
Other respiratory disease	M	113	6	65	17.1	1.9	25.8	5.0	-	-	-	-	4.1	4.2
	F	75	6	18	6.0	1.9	5.8	2.7	-	-	-	6.1	2.1	2.2
Peptic ulcer	M	39	-	21	5.7	-	8.6	-	-	-	-	-	-	-
	F	33	-	8	2.3	-	2.5	-	-	-	-	-	-	-
Liver cirrhosis	M	176	9	140	26.8	2.7	52.7	-	-	-	-	-	4.1	14.8
	F	101	5	80	11.9	1.6	25.4	-	-	-	-	-	4.3	6.7
Renal disease	M	33	-	8	4.7	-	3.8	-	-	-	-	-	-	-
	F	55	-	7	3.4	-	2.5	-	-	-	-	-	-	-
Pregnancy, birth	F	1	-	1	0.1	-	0.3	-	-	-	-	-	-	-
Congenital and perinatal causes	M	28	24	4	5.3	8.6	1.6	52.5	-	3.3	-	-	4.1	-
	F	27	21	4	5.0	8.1	1.3	42.5	9.5	-	2.6	2.0	-	-
Ill-defined causes	M	145	7	75	21.6	2.2	28.5	2.5	-	-	2.5	1.9	4.1	4.2
	F	171	1	24	10.4	0.4	7.7	2.7	-	-	-	-	-	-
Other medical causes	M	405	17	187	59.7	5.7	73.7	7.5	3.0	3.3	5.0	-	6.1	14.8
	F	436	11	105	32.3	4.1	34.5	8.0	6.3	3.5	-	-	2.1	9.0
ALL NON-MEDICAL CAUSES	M	873	233	516	131.8	70.5	187.4	30.0	6.0	6.6	50.2	105.7	156.9	137.8
	F	262	43	130	29.0	14.7	41.0	13.3	6.3	7.0	13.3	12.3	25.8	24.7
Road traffic accidents	M	59	18	35	9.0	5.5	13.1	-	-	-	12.6	9.6	6.1	10.6
	F	22	5	11	2.7	1.7	3.4	2.7	-	-	5.3	2.0	2.1	-
Fire	M	57	9	40	8.8	2.9	15.9	5.0	3.0	-	-	-	6.1	6.4
	F	22	1	12	2.2	0.4	3.8	2.7	-	-	-	-	-	-
Suicide	M	181	48	103	27.1	14.5	36.8	-	-	-	20.1	23.1	28.5	29.7
	F	42	7	18	4.5	2.3	5.7	-	-	-	5.3	-	4.3	6.7
POPULATION:				<b>M=male</b>	620.4	291.8	276.3	40.0	33.3	30.4	39.8	52.1	49.1	47.2
(1000s; UN, 2015 revision)				<b>F=female</b>	711.7	275.6	318.0	37.6	31.6	28.7	37.7	48.8	46.6	44.6

## 2010: ESTONIA

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		
277.6	353.8	641.4	992.2	1601.5	2412.1	3150.3	5037.8	7371.1	13845.8	M	ALL CAUSES 001-999/A00-Y89
81.4	128.2	204.3	346.6	494.9	875.1	1288.2	1953.5	3761.3	10212.9	F	
2.1	7.0	8.8	9.1	17.9	12.3	8.0	12.8	38.9	7.5	F	Tuberculosis 010-018, 137/
16.7	7.0	6.6	-	5.1	3.1	8.0	8.6	32.4	14.9	M	Other infective Rest of 001-139,279.5&.6/
6.4	4.6	2.1	-	2.1	-	2.6	4.7	9.1	21.0	F	and parasitic rest of A00-B99 excl A33,A34
14.6	23.4	86.3	182.9	443.7	745.5	1076.7	1572.5	2165.3	2937.7	M	ALL CANCER 140-208/C00-C97
27.9	45.8	68.8	155.1	180.1	374.7	420.6	613.3	864.5	1159.1	F	
-	2.3	8.8	22.9	66.3	58.5	71.8	59.8	38.9	52.2	M	Mouth and 140-149/C00-C14
-	-	-	-	8.3	9.1	-	9.5	12.1	21.0	F	pharynx cancer
2.1	-	2.2	11.4	17.9	30.8	31.9	34.2	19.4	37.3	M	Oesophagus cancer 150/C15
-	-	-	2.0	6.2	-	7.9	4.7	12.1	2.3	F	
2.1	4.7	6.6	18.3	38.2	46.2	83.7	141.0	142.6	283.3	M	Stomach cancer 151/C16
-	4.6	8.3	10.1	10.3	29.7	28.9	35.5	60.7	121.3	F	
2.1	2.3	8.8	6.9	30.6	55.5	115.6	188.0	265.8	350.4	M	Colorectal cancer 153, 154/C18-C21
2.1	2.3	-	2.0	18.6	41.1	36.8	92.3	133.5	191.2	F	
-	-	6.6	2.3	10.2	9.2	19.9	64.1	58.4	67.1	M	Liver cancer 155.0/C22 excl C221
4.3	-	-	-	2.1	2.3	2.6	18.9	18.2	25.6	F	
-	2.3	6.6	16.0	30.6	46.2	59.8	89.7	110.2	126.8	M	Pancreas cancer 157/C25
-	-	6.2	6.0	8.3	25.1	26.3	49.7	66.7	77.0	F	
-	-	2.2	9.1	5.1	15.4	19.9	8.6	19.4	52.2	M	Larynx cancer 161/C32
-	-	-	-	-	-	2.6	4.7	-	2.3	F	
-	2.3	13.3	41.1	132.6	234.1	331.0	478.6	544.6	551.7	M	Lung cancer 162/C33, C34
-	2.3	2.1	14.1	14.5	41.1	57.8	49.7	69.8	81.6	F	
-	-	4.4	2.3	7.7	9.2	12.0	21.4	38.9	29.8	M	Malignant melanoma 172/C43
2.1	2.3	2.1	6.0	6.2	6.8	15.8	11.8	6.1	14.0	F	
8.6	9.2	14.6	44.3	31.1	64.0	73.6	56.8	142.6	112.0	F	Female breast cancer 174/C50
-	9.2	14.6	16.1	16.6	36.6	18.4	14.2	18.2	21.0	F	Cervix cancer 180/C53
-	-	-	6.0	4.1	11.4	36.8	28.4	15.2	25.6	F	Other uterine cancer 179, 182/C54, C55
2.1	6.9	2.1	14.1	8.3	25.1	15.8	40.2	45.5	72.3	F	Ovarian cancer 183/C56, C570-C574
-	-	-	6.9	22.9	52.4	119.6	188.0	421.4	656.1	M	Prostate cancer 185/C61
-	4.7	2.2	-	5.1	24.6	35.9	34.2	97.2	186.4	M	Bladder cancer 188/C67
4.2	-	-	2.0	2.1	4.6	-	9.5	30.3	42.0	F	
4.2	4.7	11.1	25.1	53.5	132.5	135.6	170.9	272.3	328.1	M	Other and ill-defined Rest of 140-199/
4.3	9.2	14.6	26.2	39.3	54.8	60.5	118.4	157.7	230.9	F	cancer sites rest of C00-C80, C97
2.1	-	-	-	-	-	-	-	6.5	7.5	M	Hodgkin's disease 201/C81
-	-	-	-	-	-	2.6	-	-	2.3	F	
2.1	-	8.8	13.7	17.9	18.5	8.0	47.0	71.3	89.5	M	Myeloma and non-Hodgkin lymphomas 200, 202-203/
2.1	-	2.1	4.0	2.1	18.3	23.7	37.9	48.5	70.0	F	C82-C90, C96
2.1	-	4.4	6.9	5.1	12.3	31.9	47.0	58.4	119.3	M	Leukaemia 204-208/C91-C95
2.1	-	2.1	2.0	2.1	4.6	10.5	30.8	27.3	46.6	F	
2.1	7.0	15.5	13.7	7.7	21.6	23.9	55.5	51.9	104.4	M	Diabetes 250/E10-E14
-	4.6	-	4.0	8.3	6.8	23.7	23.7	54.6	81.6	F	
37.6	75.0	196.8	320.1	609.5	1099.8	1499.4	2572.3	3993.5	8902.5	M	ALL VASCULAR DISEASE 390-459/I00-I99
10.7	22.9	43.8	84.6	132.5	287.9	612.6	1030.0	2359.9	7803.7	F	
-	-	-	-	-	-	8.0	8.6	6.5	7.5	M	Rheumatic heart disease and fever 390-398/I00-I09
-	-	2.1	2.0	2.1	-	13.2	7.1	24.3	28.0	F	
4.2	7.0	33.2	50.3	112.2	178.7	267.2	499.9	894.6	1461.4	M	Hypertensive disease 401-405/I10-I15
-	-	-	20.1	22.8	73.1	142.0	274.7	673.4	1728.2	F	
10.4	35.1	75.2	134.9	290.7	557.6	781.6	1256.2	2132.9	4973.2	M	Ischaemic heart disease 410-414/I20-I25
4.3	-	12.5	22.2	60.0	102.8	223.5	449.9	1019.2	4009.1	F	
-	2.3	2.2	6.9	10.2	15.4	15.9	17.1	19.4	67.1	M	Pulmonary embolism and other venous 415.1, 451-453/
2.1	-	4.2	6.0	-	2.3	13.2	11.8	12.1	58.3	F	126, 180-182
8.3	7.0	24.3	34.3	53.5	126.3	195.4	457.2	518.6	1237.7	M	Cerebrovascular disease 430-438/I60-I69
4.3	9.2	8.3	12.1	20.7	66.3	139.3	191.8	433.8	1201.1	F	
14.6	23.4	61.9	93.7	142.8	221.8	231.3	333.3	421.4	1155.7	M	Other vascular disease Rest of 390-459/
-	13.7	16.7	22.2	26.9	43.4	81.5	94.7	197.2	779.0	F	rest of I00-I99
-	2.3	-	9.1	22.9	37.0	67.8	111.1	246.3	350.4	M	Chronic obstructive pulmonary disease 490-496/
-	2.3	2.1	-	2.1	11.4	18.4	21.3	33.4	107.3	F	J40-J47, J67
8.3	9.4	19.9	29.7	25.5	40.0	47.9	34.2	45.4	201.3	M	Other respiratory disease Rest of 460-519/
4.3	2.3	-	8.1	8.3	2.3	15.8	18.9	39.4	70.0	F	rest of J00-J98
-	-	2.2	9.1	22.9	6.2	19.9	25.6	38.9	44.7	M	Peptic ulcer 531-533/K25-K27
-	-	-	2.0	10.3	2.3	2.6	7.1	18.2	37.3	F	
12.5	37.5	55.3	61.7	81.6	52.4	67.8	42.7	77.8	37.3	M	Liver cirrhosis 571/K70, K74
10.7	9.2	20.8	24.2	31.1	50.3	31.6	11.8	21.2	9.3	F	
-	2.3	-	2.3	-	6.2	15.9	17.1	64.8	82.0	M	Renal disease 580-590/N00-N19
-	-	-	-	2.1	4.6	10.5	21.3	30.3	67.6	F	
2.1	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth 630-676/A34, O00-O99
-	-	2.2	-	5.1	-	4.0	-	-	-	F	Congenital and 740-779/A33,
-	-	4.2	-	2.1	-	2.6	2.4	3.0	-	F	perinatal causes P00-P96, Q00-Q99
6.3	9.4	28.8	32.0	45.9	49.3	27.9	72.6	64.8	268.4	M	Ill-defined causes 780-799/R00-R99
-	-	8.3	4.0	16.6	6.8	18.4	23.7	36.4	289.2	F	
25.0	37.5	48.7	77.7	81.6	129.4	115.6	264.9	356.6	626.3	M	Other medical causes Rest of 001-799/
6.4	9.2	20.8	20.1	41.4	59.4	84.1	130.2	239.6	433.8	F	rest of A00-R99
152.3	135.9	170.3	244.6	232.1	209.5	167.5	247.8	194.5	268.4	M	ALL NON-MEDICAL CAUSES E800-E999/V01-Y89
12.9	27.5	33.4	44.3	55.9	68.5	44.7	42.6	51.6	125.9	F	
14.6	-	6.6	27.4	12.8	6.2	23.9	8.6	6.5	22.4	M	Road traffic accidents E810-E819, E826-E829/
-	4.6	4.2	6.0	4.1	2.3	2.6	2.4	9.1	4.7	F	part of V01-V99, Y850
6.3	4.7	4.4	20.6	22.9	24.6	27.9	21.4	-	22.4	M	Fire E890-E899/X00-X09
-	2.3	-	4.0	8.3	6.8	5.3	4.7	3.0	14.0	F	
33.4	32.8	37.6	32.0	63.8	33.9	23.9	51.3	64.8	59.6	M	Suicide E950-E959/X60-X84
4.3	6.9	2.1	6.0	6.2	9.1	5.3	11.8	9.1	21.0	F	
47.9	42.7	45.2	43.7	39.2	32.5	25.1	23.4	15.4	13.4	M	POPULATION
46.7	43.7	48.0	49.6	48.3	43.8	38.0	42.2	33.0	42.9	F	(1000s; UN, 2015 revision)

## ESTONIA: 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	– / 0.4	– / 0.1	–
35–69	1.1 / 3.4	0.1 / 1.5	21 years
70+	1.1 / 4.0	0.3 / 6.4	8 years
All ages	2.1 / 7.8	0.4 / 8.0	14 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	–/0	224/244	243/266	467/510	–/0	29/59	45/88	74/147
All Cancer	–/18	363/840 (43%)	379/1071 (35%)	742/1929	–/13	37/578 (6%)	57/1059 (5%)	94/1650
Vascular	–/22	542/1294	534/2340	1076/3656	–/7	65/467	194/4493	259/4967
Respiratory	–/6	67/123	95/163	162/292	–/4	7/34	25/110	32/148
All Other	–/349	119/1151	44/467	163/1967	–/94	14/406	14/731	28/1231
All Causes	–/398	1091/3410 (32%)	1052/4042 (26%)	2143/7850	–/118	123/1484 (8%)	290/6392 (5%)	413/7994

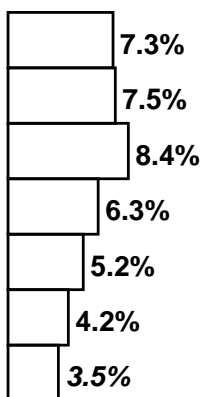
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	0.7 / 1.9 (38%)	0.1 / 1.6 (6%)	0.8 / 3.6 (23%)
All Causes	2.1 / 7.8 (27%)	0.4 / 8.0 (5%)	2.6 / 16 (16%)



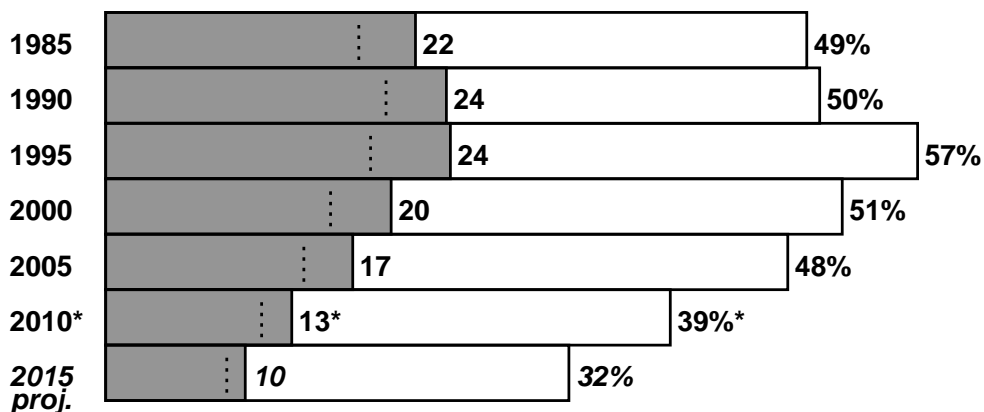
1985-2015: ESTONIA

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

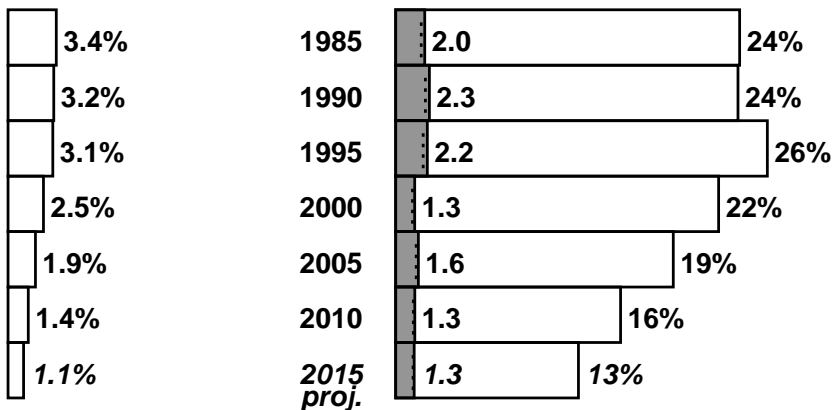


\*eg, at year 2010 male death rates, out of 100 men aged 35, 39 would die before age 70 (with 13 of these deaths attributed to smoking)

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

**Note: For smoking-attributed mortality (pages 150–157), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## ESTONIA: 1980-2015

*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	– / 0.3	– / 0.1	–
35–69	0.8 / 2.8	0.1 / 1.2	21 years
70+	1.0 / 4.1	0.2 / 6.3	8 years
All ages	1.9 / 7.1	0.4 / 7.5	13 years

## Numbers of deaths attributed to smoking / total deaths

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1985	–/880	1828/4136 (44%)	741/3674 (20%)	2569/8690	–/384	184/2331 (8%)	173/7172 (2%)	357/9887
1995	–/847	2493/6002 (42%)	821/3566 (23%)	3314/10415	–/289	236/2831 (8%)	276/6847 (4%)	512/9967
2005	–/504	1579/4485 (35%)	1061/3996 (27%)	2640/8985	–/159	155/1948 (8%)	363/6481 (6%)	518/8588
2015 proj.	–/321	811/2753 (29%)	1047/4067 (26%)	1858/7141	–/86	120/1196 (10%)	247/6254 (4%)	367/7536

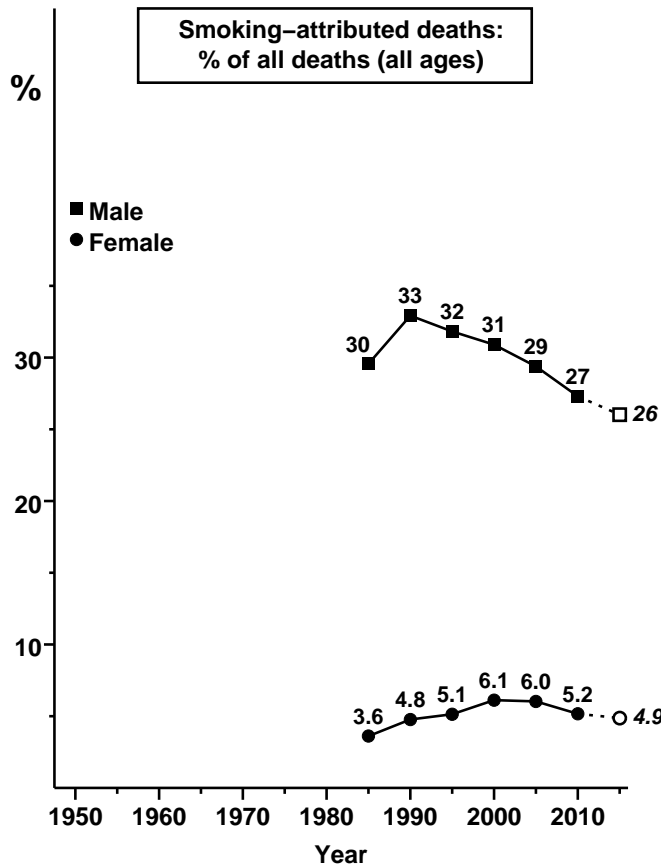
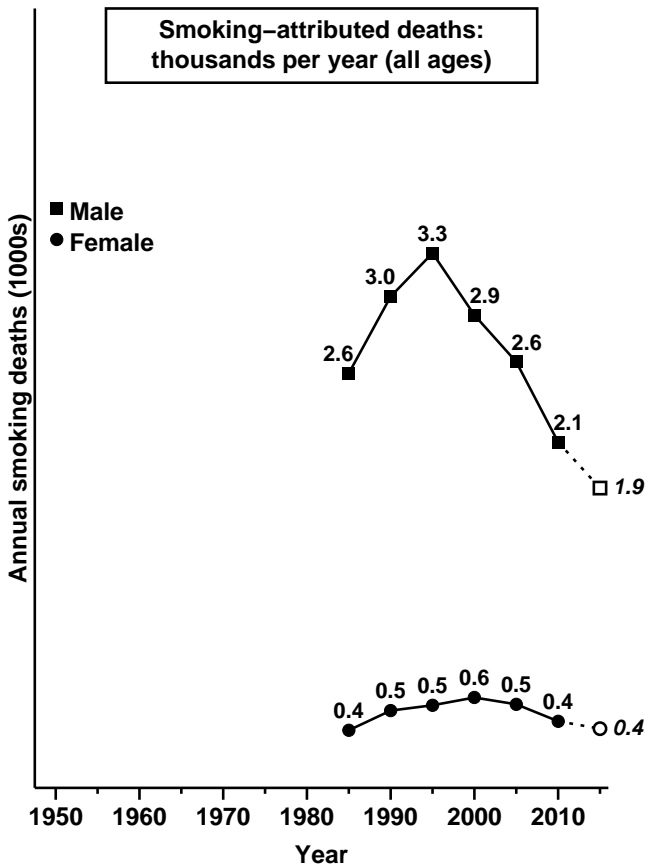
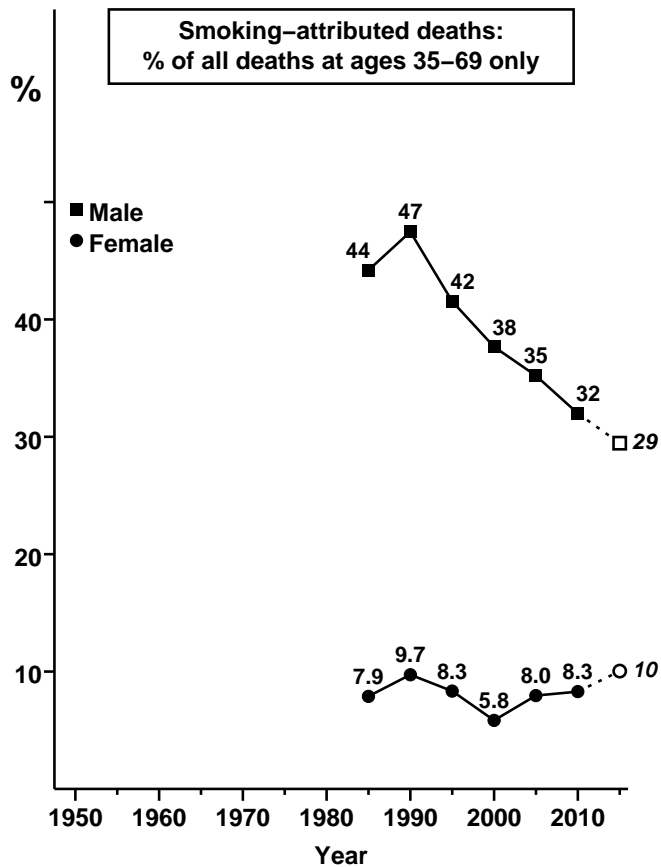
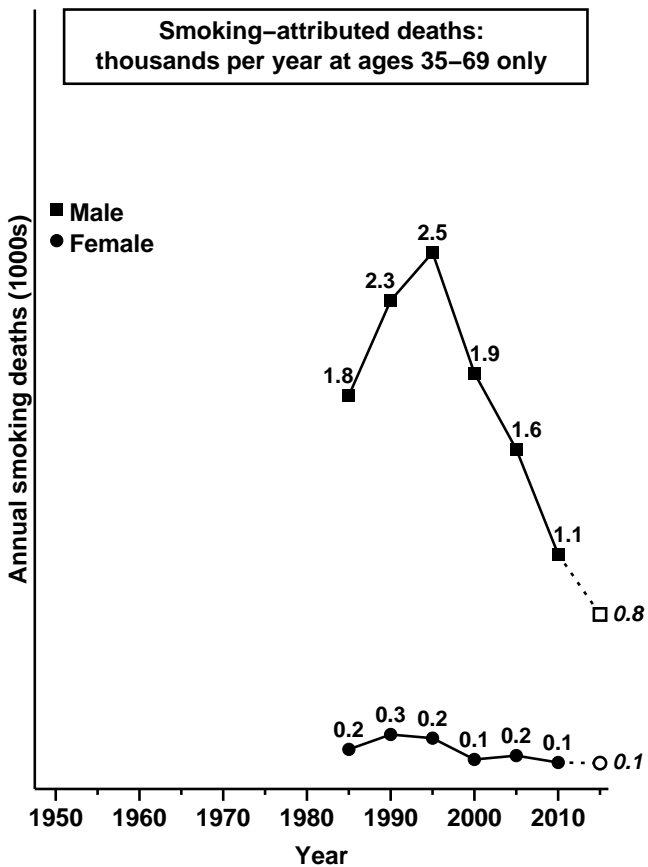
40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 121 / 712

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

## 1980–2020, by age &amp; sex:

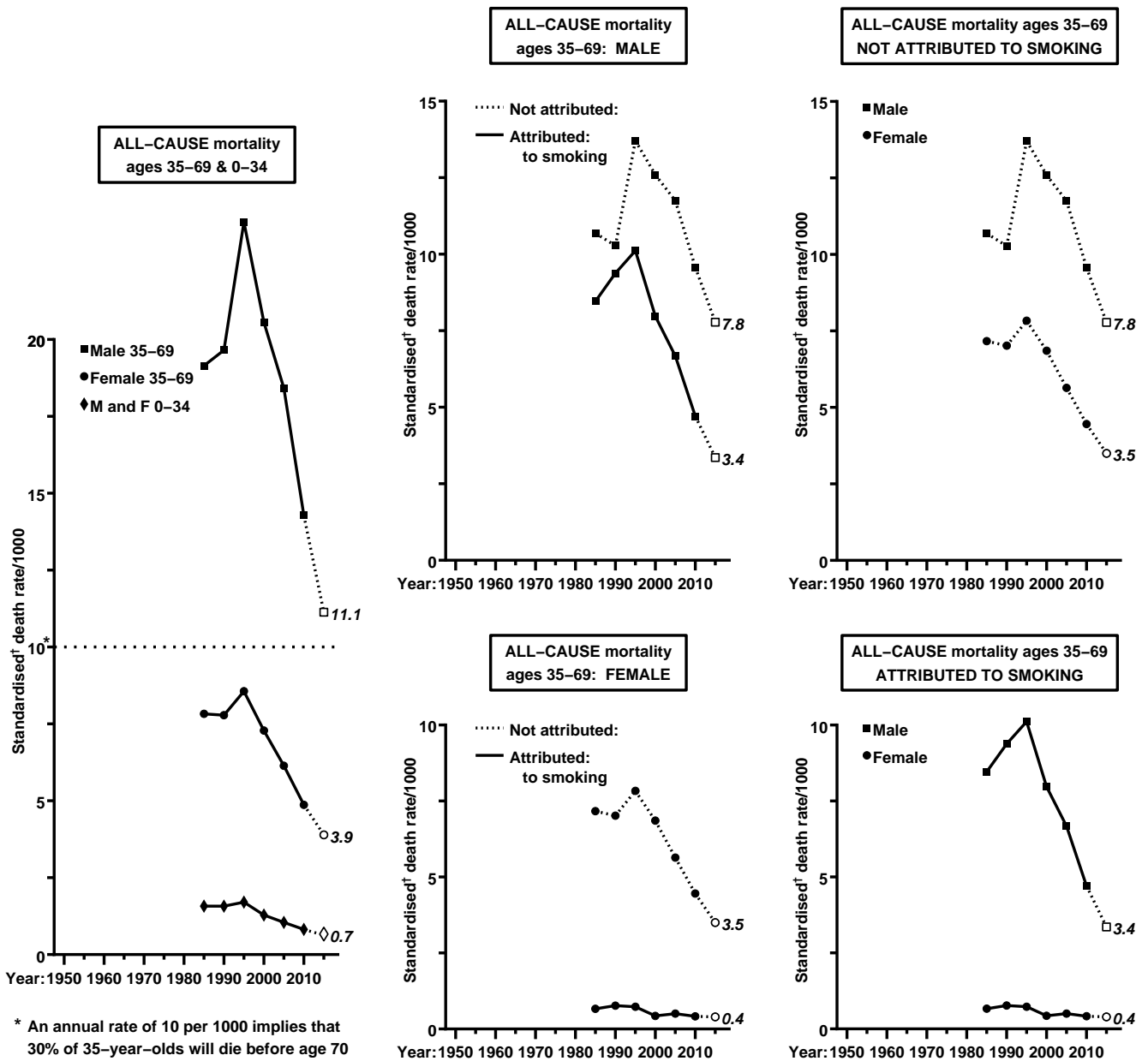
–/26	67/174 (39%)	37/153 (24%)	104/352	–/9.2	6.9/83 (8%)	11/268 (4%)	18/360
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1985-2015: ESTONIA



**ESTONIA: 1985-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



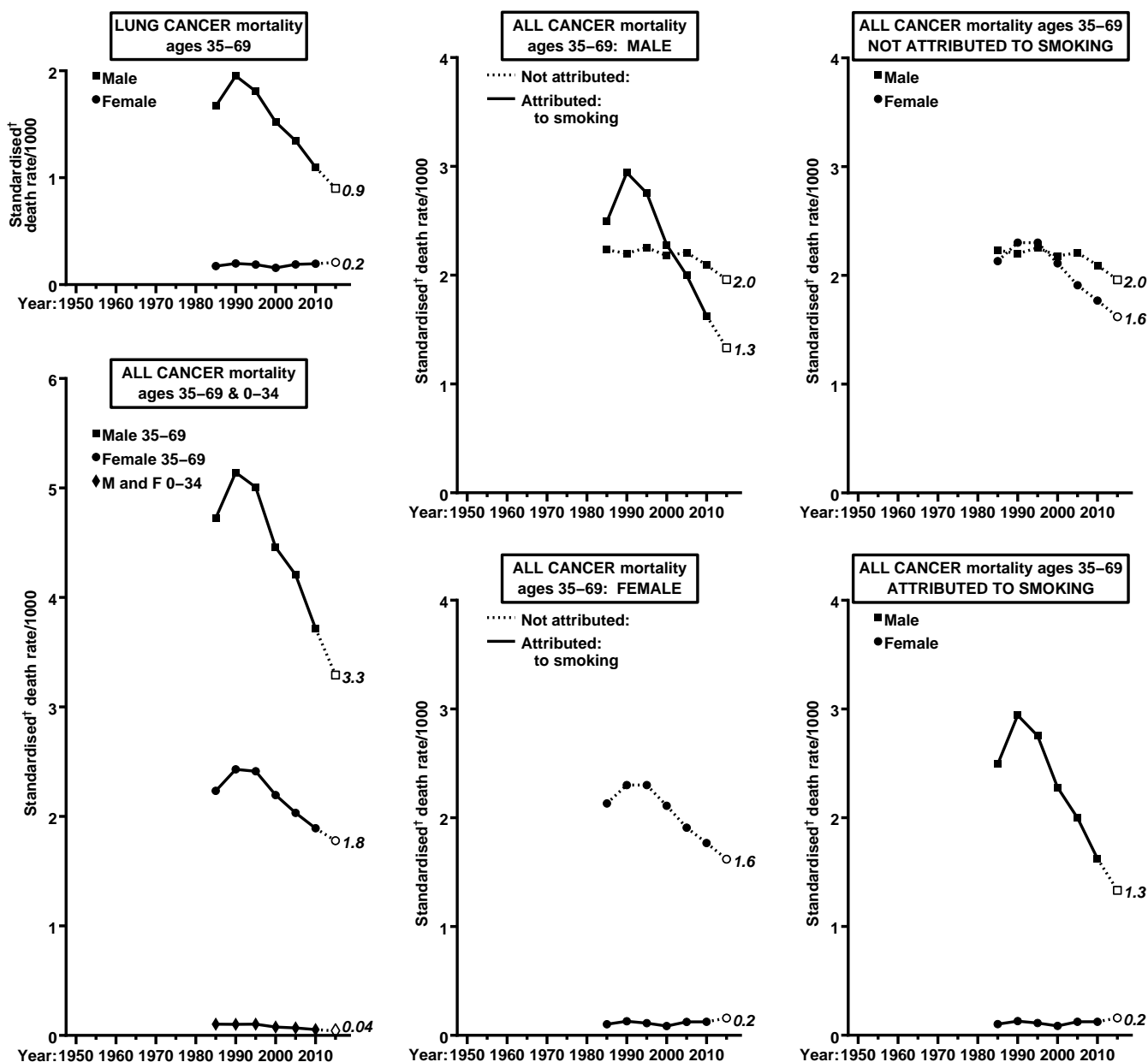
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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)										
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1985	-	2.17	8.46	10.7	17.9	63.1	-	0.98	0.66	7.16	1.61	48.4	-	0.92	0.77	7.02	2.72	46.1
1990	-	2.22	9.38	10.3	20.8	59.4	-	0.91	0.73	7.83	2.79	43.2	-	0.71	0.43	6.85	3.20	37.1
1995	-	2.50	10.1	13.7	21.8	59.6	-	0.55	0.50	5.64	2.17	32.0	-	0.41	0.41	4.45	1.49	26.6
2000	-	1.85	7.97	12.6	21.6	51.0	-	0.41	0.50	5.64	2.17	32.0	-	0.41	0.50	5.64	1.49	26.6
2005	-	1.54	6.67	11.7	20.1	49.4	-	0.31	0.39	3.50	1.06	22.0	-	0.31	0.39	3.50	1.06	22.0
2010	-	1.23	4.71	9.57	16.9	43.0	-	0.31	0.39	3.50	1.06	22.0	-	0.31	0.39	3.50	1.06	22.0
2015	-	1.02	3.35	7.78	14.4	37.3	-	0.31	0.39	3.50	1.06	22.0	-	0.31	0.39	3.50	1.06	22.0

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

ALL CANCER mortality rates attributed and not attributed to smoking



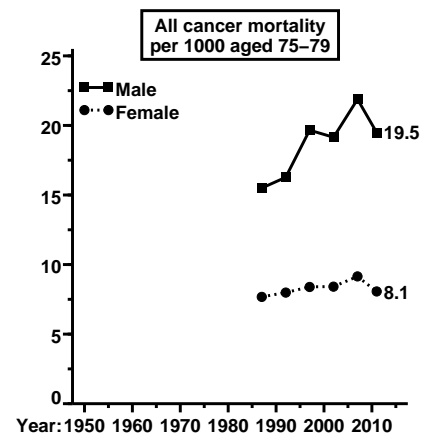
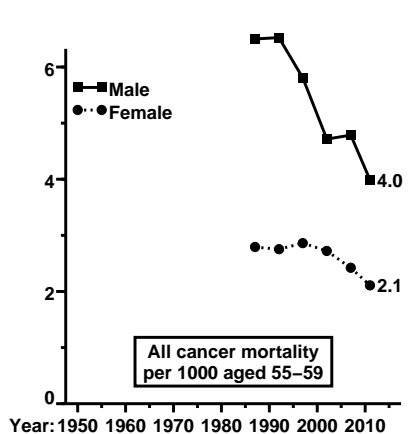
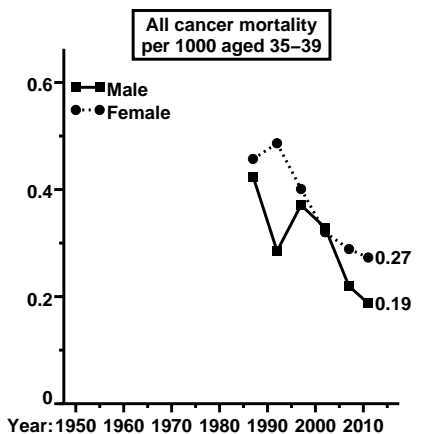
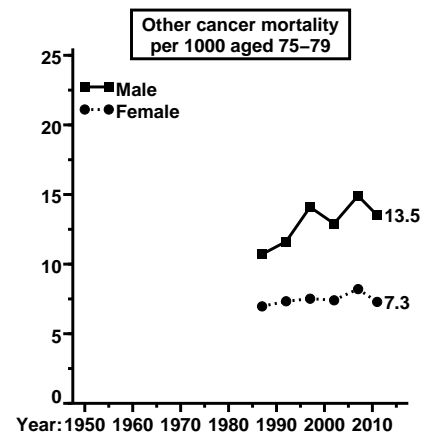
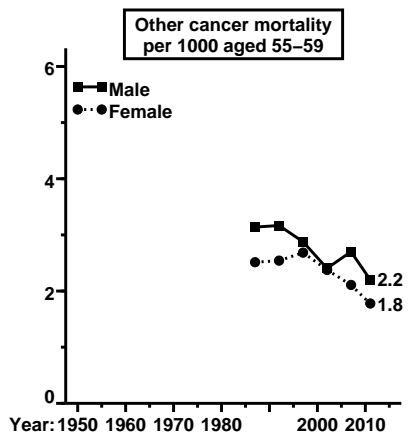
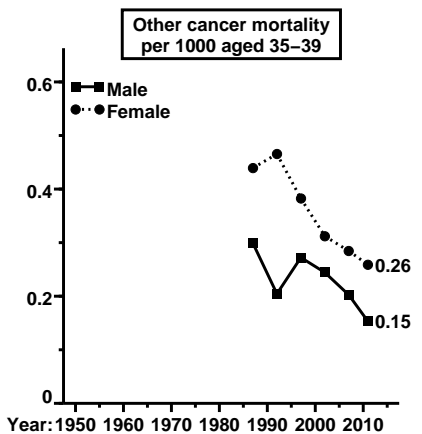
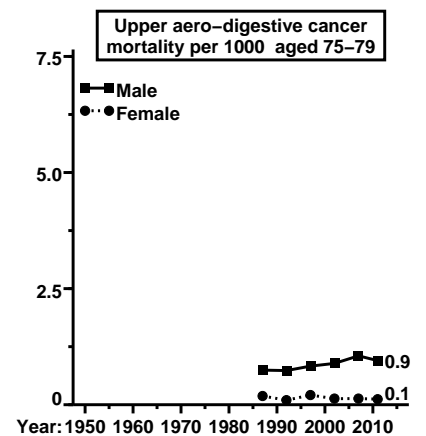
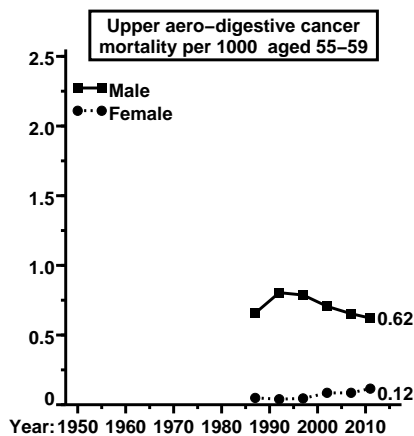
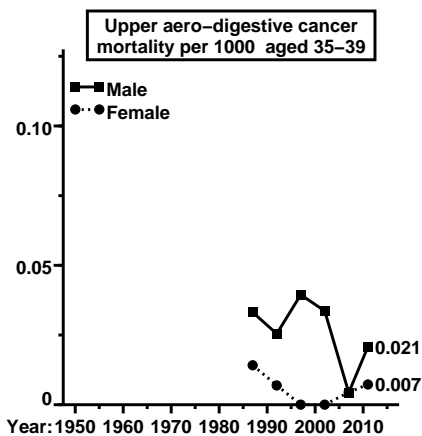
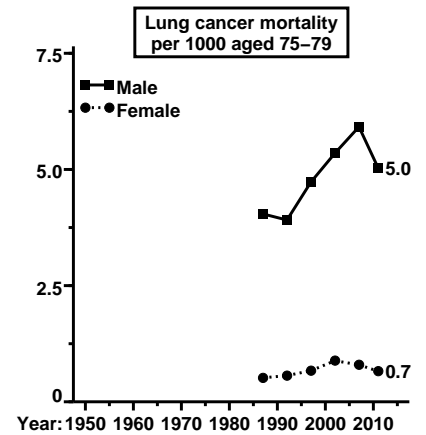
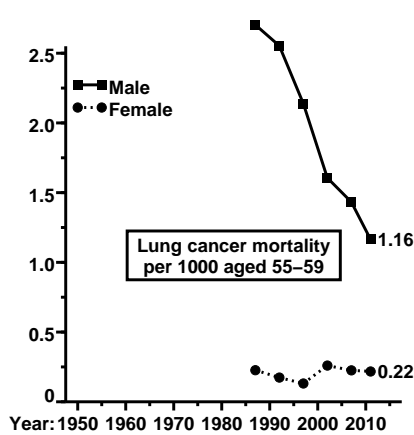
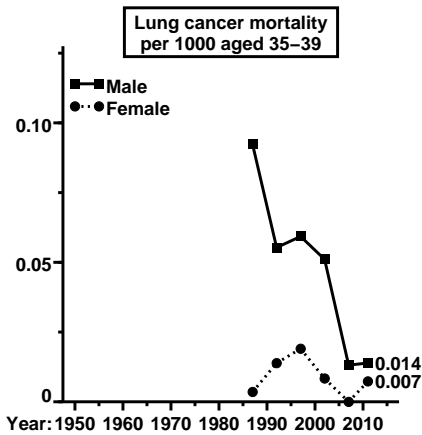
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.11	2.49	2.23	4.80	9.52	-	0.10	0.10	2.13	0.24	6.42
1990	-	0.10	2.94	2.20	6.05	9.68	-	0.10	0.13	2.30	0.40	7.11
1995	-	0.10	2.75	2.25	6.68	10.5	-	0.10	0.11	2.30	0.44	7.19
2000	-	0.07	2.28	2.18	7.36	10.4	-	0.08	0.08	2.11	0.64	7.01
2005	-	0.08	2.00	2.21	7.24	11.4	-	0.06	0.12	1.91	0.48	6.98
2010	-	0.06	1.62	2.09	6.83	11.2	-	0.05	0.12	1.77	0.41	7.05
2015	-	0.04	1.33	1.96	6.55	10.8	-	0.04	0.16	1.62	0.35	7.11

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

**ESTONIA: 1985-2012**

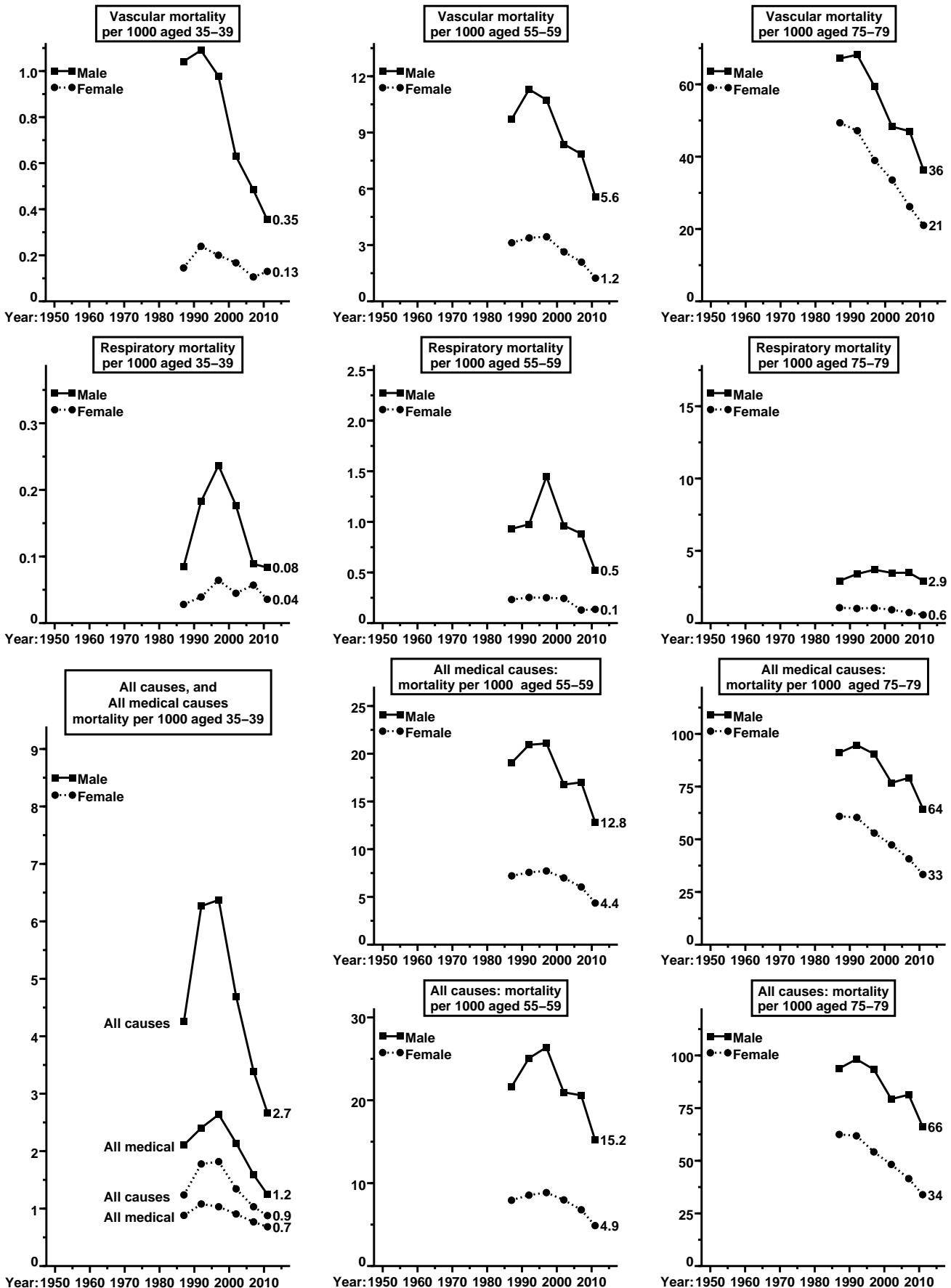
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1985-89,.....,2005-09; then 3-year average 2010-12

1985-2012: ESTONIA

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



\* Annual mortality per 1000: averages of years available in 1985-89, ..., 2005-09; then 3-year average 2010-12

## FINLAND: 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	25547	807	9043	730.8	68.2	770.2	66.0	9.5	9.8	48.4	113.0	114.1	116.3
	F	25363	320	4158	424.6	28.9	342.0	51.1	11.4	6.1	18.2	36.1	37.4	42.2
Tuberculosis	M	22	1	4	0.6	0.1	0.3	0.7	-	-	-	-	-	-
	F	26	-	1	0.4	-	0.1	-	-	-	-	-	-	-
Other infective and parasitic	M	178	5	54	5.0	0.4	4.8	1.3	-	-	-	-	0.6	1.1
	F	210	4	33	3.5	0.3	2.7	0.7	-	-	0.6	-	0.6	0.6
ALL CANCER	M	6116	53	2411	172.9	4.5	210.5	3.3	4.1	2.0	3.5	1.8	6.7	10.3
	F	5464	42	1877	114.2	3.8	154.5	2.7	4.3	2.7	2.4	3.2	4.2	7.2
Mouth and pharynx cancer	M	120	1	79	3.5	0.1	6.7	-	-	-	-	-	-	0.6
	F	72	-	29	1.5	-	2.4	-	-	-	-	-	-	-
Oesophagus cancer	M	172	-	92	5.0	-	7.8	-	-	-	-	-	-	-
	F	82	-	20	1.6	-	1.8	-	-	-	-	-	-	-
Stomach cancer	M	291	2	130	8.4	0.2	11.1	-	-	-	-	-	-	1.1
	F	198	1	60	4.0	0.1	5.0	-	-	-	-	-	0.6	-
Colorectal cancer	M	590	1	200	16.6	0.1	17.5	-	-	-	-	-	-	0.6
	F	546	-	136	10.4	-	11.2	-	-	-	-	-	-	-
Liver cancer	M	200	1	82	5.6	0.1	7.2	-	-	-	-	-	-	0.6
	F	109	2	20	2.1	0.2	1.6	0.7	-	-	0.6	-	-	-
Pancreas cancer	M	498	2	243	14.3	0.2	21.5	-	-	-	-	-	0.6	0.6
	F	497	-	152	9.8	-	12.3	-	-	-	-	-	-	-
Larynx cancer	M	41	-	21	1.2	-	1.8	-	-	-	-	-	-	-
	F	5	-	-	0.1	-	-	-	-	-	-	-	-	-
Lung cancer	M	1547	2	671	43.6	0.2	59.0	-	-	-	-	-	0.6	0.6
	F	667	-	279	14.5	-	23.3	-	-	-	-	-	-	-
Malignant melanoma	M	118	-	62	3.5	-	5.2	-	-	-	-	-	-	-
	F	71	1	26	1.6	0.1	2.2	-	-	-	-	-	-	0.6
Female breast cancer	F	886	5	436	21.2	0.4	35.1	-	-	-	-	-	0.6	2.4
Cervix cancer	F	55	5	23	1.4	0.4	1.8	-	-	-	-	-	1.2	1.8
Other uterine cancer	F	189	-	57	3.8	-	4.8	-	-	-	-	-	-	-
Ovarian cancer	F	386	1	170	8.8	0.1	13.8	-	-	-	-	-	0.6	-
Prostate cancer	M	845	-	154	22.7	-	14.3	-	-	-	-	-	-	-
Bladder cancer	M	184	-	46	5.0	-	4.1	-	-	-	-	-	-	-
	F	68	-	13	1.1	-	1.1	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	963	30	442	28.1	2.6	37.7	2.6	2.7	2.0	2.3	0.6	2.8	5.1
	F	1110	17	333	22.3	1.6	27.5	1.4	3.6	2.0	0.6	1.9	1.2	0.6
Hodgkin's disease	M	14	1	7	0.4	0.1	0.6	-	-	-	-	-	0.6	-
	F	10	4	2	0.3	0.3	0.1	-	-	-	0.6	0.6	-	1.2
Myeloma and non-Hodgkin lymphomas	M	361	4	129	10.1	0.3	11.5	-	-	-	0.6	-	1.1	0.6
	F	375	-	86	6.9	-	7.3	-	-	-	-	-	-	-
Leukaemia	M	172	9	53	5.0	0.8	4.6	0.7	1.4	-	0.6	1.2	1.1	0.6
	F	138	6	35	2.9	0.6	3.0	0.7	0.7	0.7	0.6	0.6	-	0.6
Diabetes	M	243	4	123	7.2	0.3	10.2	-	-	-	0.6	1.2	-	0.6
	F	213	5	55	4.1	0.4	4.4	-	-	-	0.6	0.6	1.8	-
ALL VASCULAR DISEASE	M	9999	48	2937	275.8	4.0	253.9	2.6	-	1.3	0.6	5.4	8.4	9.7
	F	10588	15	800	151.8	1.3	67.3	0.7	-	0.7	-	1.9	1.2	4.8
Rheumatic heart disease and fever	M	14	-	2	0.4	-	0.2	-	-	-	-	-	-	-
	F	44	-	2	0.7	-	0.2	-	-	-	-	-	-	-
Hypertensive disease	M	343	-	144	9.7	-	11.9	-	-	-	-	-	-	-
	F	604	-	42	8.3	-	3.3	-	-	-	-	-	-	-
Ischaemic heart disease	M	6168	6	1693	168.6	0.5	147.9	-	-	-	-	-	1.7	1.7
	F	5599	1	325	77.8	0.1	27.9	-	-	-	-	-	-	0.6
Pulmonary embolism and other venous	M	129	2	51	3.7	0.2	4.3	-	-	-	-	-	-	1.1
	F	198	5	43	3.7	0.4	3.5	-	-	-	-	0.6	0.6	1.8
Cerebrovascular disease	M	1702	10	408	46.4	0.8	35.6	0.7	-	0.7	-	1.8	1.7	1.1
	F	2533	1	219	37.2	0.1	18.3	-	-	0.7	-	-	-	-
Other vascular disease	M	1643	30	639	46.9	2.5	54.1	2.0	-	0.7	0.6	3.6	5.1	5.7
	F	1610	8	169	24.1	0.7	14.2	0.7	-	-	-	1.3	0.6	2.4
Chronic obstructive pulmonary disease	M	799	4	152	21.6	0.3	13.8	-	-	-	-	0.6	-	1.7
	F	394	-	93	7.3	-	7.9	-	-	-	-	-	-	-
Other respiratory disease	M	422	6	114	11.7	0.5	10.0	0.7	-	0.7	-	0.6	0.6	1.1
	F	373	3	54	6.0	0.3	4.3	0.7	-	-	-	-	-	1.2
Peptic ulcer	M	92	-	46	2.7	-	3.7	-	-	-	-	-	-	-
	F	82	-	27	1.5	-	2.3	-	-	-	-	-	-	-
Liver cirrhosis	M	885	7	756	27.9	0.6	60.2	-	-	-	-	0.6	0.6	2.9
	F	307	5	240	8.8	0.4	19.1	-	-	-	-	0.6	1.2	1.2
Renal disease	M	113	-	14	3.0	-	1.2	-	-	-	-	-	-	-
	F	203	1	11	2.8	0.1	0.9	-	-	-	-	0.6	-	-
Pregnancy, birth	F	3	2	1	0.1	0.2	0.1	-	-	-	0.6	0.6	-	-
Congenital and perinatal causes	M	108	72	28	4.7	6.6	2.1	39.2	0.7	1.3	1.2	0.6	2.8	0.6
	F	100	51	29	4.0	4.9	2.2	28.6	1.4	-	1.2	1.9	0.6	0.6
Ill-defined causes	M	170	30	102	5.8	2.6	8.4	5.9	-	-	0.6	4.8	3.4	3.4
	F	109	16	54	3.2	1.5	4.3	8.9	-	-	-	0.6	1.2	-
Other medical causes	M	3667	65	739	100.4	5.6	63.5	7.2	2.7	1.3	1.8	7.9	9.0	9.1
	F	6024	35	432	86.5	3.2	35.8	5.5	2.9	2.0	1.8	5.1	1.8	3.6
ALL NON-MEDICAL CAUSES	M	2733	512	1563	91.5	42.6	127.7	5.2	2.0	3.3	40.3	89.4	82.0	75.8
	F	1267	141	451	30.4	12.4	35.9	3.4	2.9	0.7	10.9	20.9	24.9	22.9
Road traffic accidents	M	196	68	92	7.1	5.7	7.6	-	0.7	0.7	15.8	10.3	8.4	4.0
	F	69	21	28	2.2	1.9	2.3	1.4	1.4	0.7	2.4	1.9	3.6	1.8
Fire	M	52	5	35	1.7	0.4	3.0	-	-	0.7	-	-	-	2.2
	F	27	2	13	0.7	0.2	1.0	0.7	-	-	-	-	0.6	-
Suicide	M	716	225	414	25.7	18.7	33.4	-	-	0.7	17.5	45.3	33.2	34.2
	F	235	67	134	8.1	5.8	10.5	-	-	-	5.5	13.3	11.3	10.8
POPULATION:														
(1000s; UN, 2015 revision)			M=male		2633.9	1143.0	1234.0	153.0	146.9	152.8	171.4	165.5	177.9	175.5
			F=female		2733.8	1090.6	1240.4	146.7	139.9	146.7	165.0	158.0	168.3	166.0



## 2010: FINLAND

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			
148.0	218.1	343.6	564.5	899.2	1274.2	1943.7	2801.4	4805.5	11601.2	M	ALL CAUSES	001-999/A00-Y89
56.8	98.0	165.8	271.4	377.7	552.9	871.6	1361.2	2616.1	9506.4	F		
-	-	0.5	-	0.5	1.0	-	2.9	1.3	16.3	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.6	-	4.2	2.1	6.8	4.9	14.6	15.6	30.8	100.5	M	Other infective and parasitic	Rest of 001-139, 279.5 & 6/ rest of A00-B99 excl A33, A34
0.7	-	2.7	2.1	2.6	4.3	6.6	14.4	16.2	79.8	F		
10.2	25.9	54.5	114.6	221.1	396.2	650.9	887.4	1371.9	2157.2	M	ALL CANCER	140-208/C00-C97
21.4	38.2	64.2	113.9	170.3	265.5	408.3	566.8	767.4	1174.7	F		
-	1.1	2.1	6.9	5.2	13.8	17.8	13.6	10.7	22.6	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	1.1	1.1	-	3.1	4.8	5.9	4.0	8.6	16.8	F		
-	2.2	3.7	4.2	10.0	14.8	19.4	24.4	29.5	41.5	M	Oesophagus cancer	150/C15
-	1.1	1.1	-	1.0	2.4	6.6	11.2	15.2	18.5	F		
0.6	3.9	5.8	6.9	11.0	20.3	29.1	46.8	53.6	89.2	M	Stomach cancer	151/C16
2.0	1.1	2.1	1.6	5.7	8.6	13.9	27.3	18.1	48.6	F		
0.6	1.7	5.2	10.6	18.9	31.1	54.2	97.4	156.8	216.1	M	Colorectal cancer	153, 154/C18-C21
3.3	1.7	8.6	5.8	15.4	16.2	27.1	61.7	63.7	153.8	F		
-	1.1	1.1	2.1	8.4	13.8	24.3	30.2	44.2	66.6	M	Liver cancer	155.0/C22 excl C221
-	0.6	-	0.5	2.6	3.3	4.4	12.8	23.8	26.6	F		
0.6	2.2	5.2	11.7	24.1	36.1	70.4	77.0	101.8	123.1	M	Pancreas cancer	157/C25
0.7	-	1.1	11.2	12.9	28.2	32.2	56.1	75.1	113.4	F		
-	-	0.5	-	3.1	3.5	5.7	5.8	6.7	11.3	M	Larynx cancer	161/C32
-	-	-	-	-	-	-	1.6	-	1.7	F		
1.3	1.1	9.4	26.0	60.3	122.0	192.7	247.4	356.4	444.8	M	Lung cancer	162/C33, C34
-	1.7	7.0	11.7	21.1	46.8	74.8	77.0	101.8	107.0	F		
0.6	0.6	3.7	4.2	6.3	8.9	12.1	19.5	16.1	30.1	M	Malignant melanoma	172/C43
-	1.1	2.1	2.7	3.6	0.5	5.1	8.8	7.6	14.5	F		
8.0	13.7	19.8	39.4	41.2	54.9	68.9	85.0	110.3	129.0	F	Female breast cancer	174/C50
0.7	2.3	0.5	1.6	1.5	3.3	2.9	4.0	7.6	8.1	F	Cervix cancer	180/C53
-	1.1	1.6	1.6	6.7	6.7	16.1	21.6	35.2	39.3	F	Other uterine cancer	179, 182/C54, C55
-	3.4	4.3	12.2	13.9	27.2	35.9	48.1	59.0	53.8	F	Ovarian cancer	183/C56, C570-C574
-	0.6	0.5	3.7	9.4	26.7	59.1	113.0	223.7	512.6	M	Prostate cancer	185/C61
-	-	1.1	2.1	2.6	8.4	14.6	26.3	38.9	103.0	M	Bladder cancer	188/C67
-	0.6	-	0.5	1.0	1.4	4.4	4.0	5.7	25.4	F		
5.7	8.3	11.5	26.5	46.1	67.2	98.8	121.8	192.9	278.9	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
5.3	8.0	11.2	20.8	28.8	45.4	73.3	90.6	150.2	282.8	F		
-	-	-	0.5	0.5	2.0	0.8	1.9	2.7	2.5	M	Hodgkin's disease	201/C81
-	-	0.5	-	-	0.5	-	1.6	0.9	0.6	F		
-	2.2	1.6	6.9	11.0	19.8	38.9	40.9	91.1	148.2	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	-	2.1	3.7	7.2	11.9	26.4	36.9	59.9	104.1	F		
0.6	1.1	3.1	2.1	4.2	7.9	12.9	21.4	46.9	66.6	M	Leukaemia	204-208/C91-C95
0.7	0.6	1.1	0.5	4.6	3.3	10.3	14.4	24.7	30.6	F		
0.6	5.5	7.9	7.4	15.7	13.8	20.2	29.2	44.2	66.6	M	Diabetes	250/E10-E14
2.0	2.3	2.1	3.7	6.7	6.2	8.1	11.2	24.7	65.4	F		
17.9	37.0	73.9	160.2	297.1	456.5	735.1	1121.1	2037.7	5455.1	M	ALL VASCULAR DISEASE	390-459/I00-I99
5.3	12.0	21.4	40.4	67.9	110.3	214.1	396.0	1044.2	4731.8	F		
-	-	-	0.5	-	-	0.8	6.8	2.7	3.8	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	-	1.5	4.0	6.7	17.4	F		
1.3	1.7	4.7	12.7	17.8	20.3	25.1	29.2	50.9	164.6	M	Hypertensive disease	401-405/I10-I15
-	-	0.5	2.7	6.2	7.2	6.6	18.4	42.8	285.7	F		
6.4	9.4	29.3	87.0	169.2	274.2	459.8	719.8	1268.7	3496.4	M	Ischaemic heart disease	410-414/I20-I25
-	4.6	4.3	11.2	22.6	49.7	102.6	194.0	556.3	2571.5	F		
0.6	2.8	3.1	0.5	8.4	5.4	8.9	15.6	26.8	50.2	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
1.3	2.9	2.7	2.1	3.1	5.2	7.3	12.0	29.5	60.1	F		
2.5	8.3	8.9	20.2	36.7	64.7	107.7	166.6	416.6	1007.6	M	Cerebrovascular disease	430-438/I60-I69
2.0	2.3	8.6	18.1	19.0	25.3	52.8	101.8	269.1	1100.7	F		
7.0	14.9	27.8	39.3	65.0	91.9	132.8	183.1	272.0	732.5	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
2.0	2.3	5.3	6.4	17.0	22.9	43.2	65.7	139.8	696.4	F		
-	1.1	1.6	4.8	11.0	26.2	51.8	110.1	207.7	471.1	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	1.1	0.5	4.8	7.7	13.4	27.9	37.7	62.8	108.7	F		
1.9	2.2	1.6	5.3	12.6	16.3	29.9	46.8	81.7	242.5	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
0.7	1.1	3.7	2.7	6.7	6.7	8.8	20.8	26.6	151.5	F		
-	1.1	2.1	4.8	4.7	7.4	5.7	12.7	22.8	20.1	M	Peptic ulcer	531-533/K25-K27
-	0.6	1.1	1.1	0.5	4.3	8.8	5.6	3.8	25.4	F		
9.6	21.0	46.6	71.1	94.8	99.3	79.3	55.5	54.9	30.1	M	Liver cirrhosis	571/K70, K74
2.0	6.3	16.6	22.9	23.1	29.1	33.7	16.0	17.1	13.9	F		
0.6	-	0.5	1.6	1.6	1.5	2.4	5.8	24.1	94.2	M	Renal disease	580-590/N00-N19
-	-	1.1	1.1	1.0	0.9	2.2	6.4	10.5	99.5	F		
-	0.6	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	1.1	2.1	2.6	3.7	4.5	0.8	1.9	4.0	3.8	F	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
-	0.6	1.6	4.8	2.6	4.3	1.5	4.0	5.7	5.2	F	Ill-defined causes	780-799/R00-R99
8.3	7.7	2.6	11.7	6.3	10.9	11.3	8.8	16.1	21.4	M		
1.3	1.1	4.8	6.4	5.7	4.3	6.6	4.8	6.7	15.0	F		
7.7	21.0	29.9	44.0	74.9	96.8	170.0	353.6	716.8	2468.8	M	Other medical causes	Rest of 001-799/ rest of A00-R99
9.4	10.8	15.0	20.2	39.6	60.2	95.3	214.0	538.2	2732.3	F		
90.6	94.4	115.8	134.2	148.3	138.8	171.6	150.0	191.6	453.6	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
14.0	23.4	31.0	47.4	43.2	43.5	49.1	62.5	87.5	292.1	F		
8.3	11.6	9.4	5.3	7.9	2.5	8.1	16.6	10.7	13.8	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
1.3	0.6	3.2	4.3	0.5	2.4	3.7	4.8	5.7	4.6	F		
0.6	1.7	2.6	3.7	1.6	3.5	7.3	2.9	6.7	5.0	M	Fire	E890-E899/X00-X09
-	1.1	2.1	-	1.0	2.4	-	1.6	3.8	3.5	F		
31.9	27.6	40.9	32.9	38.8	29.6	32.4	24.4	29.5	37.7	M	Suicide	E950-E959/X60-X84
6.0	10.2	12.3	13.8	14.4	9.6	7.3	8.8	9.5	7.5	F		
156.8	181.1	190.9	188.5	190.8	202.4	123.5	102.7	74.6	79.6	M	POPULATION	
149.6	175.6	187.0	187.9	194.4	209.4	136.4	124.7	105.2	172.9	F	(1000s; UN, 2015 revision)	

## FINLAND: 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	– / 0.8	– / 0.3	–
35–69	1.7 / 9.0	0.4 / 4.2	21 years
70+	2.6 / 15	1.4 / 21	7 years
All ages	4.2 / 25	1.8 / 25	12 years

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

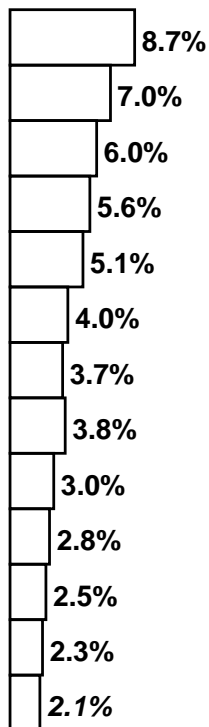
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.5/0.6	0.7/0.8	1.2/1.4	–/0.0	0.2/0.3	0.2/0.4	0.4/0.7
All Cancer	–/0.1	0.7/2.3 (31%)	1.0/3.6 (27%)	1.7/6.0	–/0.0	0.2/1.9 (10%)	0.3/3.5 (9%)	0.5/5.4
Vascular	–/0.0	0.7/2.9	0.9/6.9	1.6/9.8	–/0.0	0.1/0.8	0.7/9.7	0.8/11
Respiratory	–/0.0	0.1/0.3	0.4/1.0	0.6/1.3	–/0.0	0.1/0.1	0.2/0.6	0.2/0.8
All Other	–/0.7	0.1/3.5	0.2/4.0	0.4/8.2	–/0.3	0.1/1.4	0.2/6.9	0.3/8.5
All Causes	–/0.8	1.7/9.0 (19%)	2.6/15 (17%)	4.2/25	–/0.3	0.4/4.2 (11%)	1.4/21 (7%)	1.8/25

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

Cause	Male	Female	Male + Female
All Cancer	1.7 / 6.0 (28%)	0.5 / 5.4 (10%)	2.2 / 11 (19%)
All Causes	4.2 / 25 (17%)	1.8 / 25 (7%)	6.1 / 50 (12%)

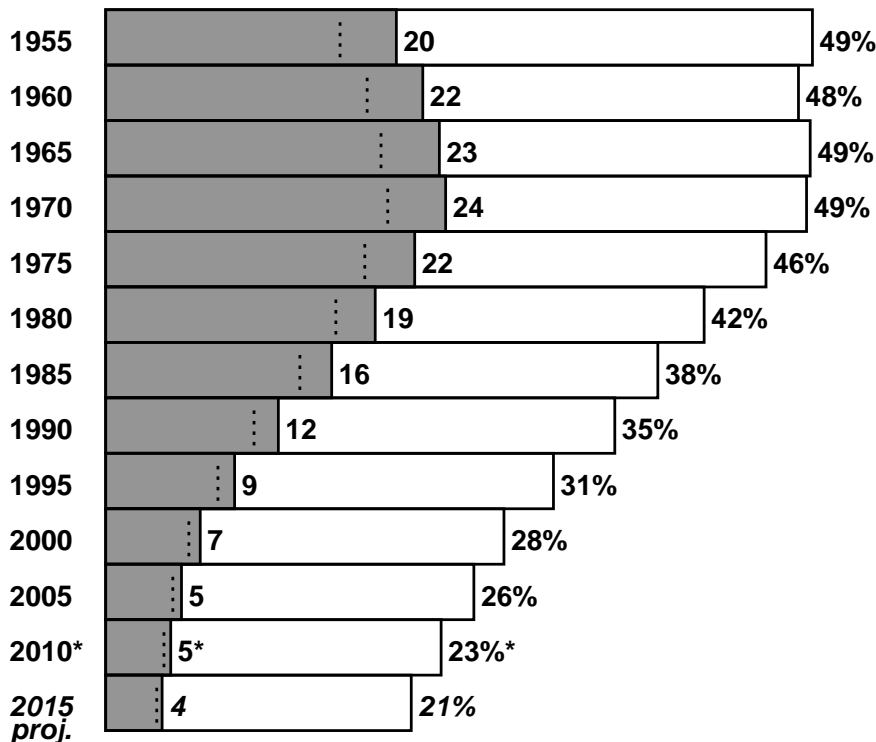
1955-2015: FINLAND

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)

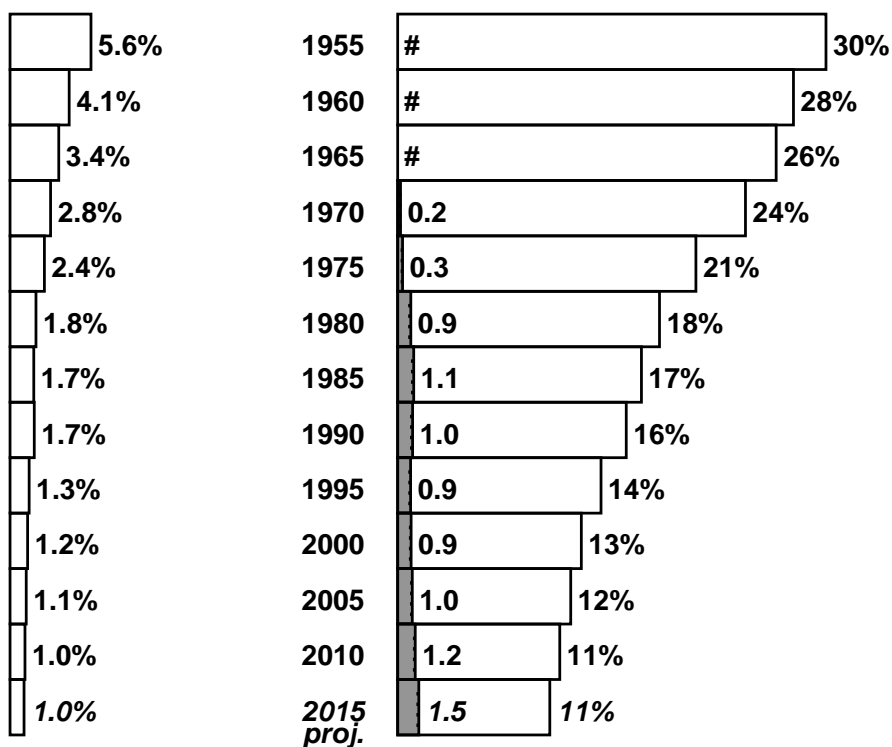
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 23 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

## FINLAND: 1950-2015

*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	– / 0.7	– / 0.3	–
35–69	1.7 / 8.9	0.6 / 4.3	20 years
70+	2.2 / 17	1.6 / 21	7 years
All ages	3.9 / 26	2.3 / 26	12 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	–/3.5	4.2/10 (42%)	1.1/6.7 (16%)	5.3/20	–/2.2	0.0/6.7	0.0/10	0.0/19
1965	–/2.3	5.8/12 (47%)	2.0/8.2 (25%)	7.8/23	–/1.3	0.0/6.9	0.0/12	0.0/21
1975	–/2.0	5.7/12 (46%)	3.0/9.8 (31%)	8.7/24	–/0.8	0.1/6.0 (2%)	0.2/13 (1%)	0.3/20
1985	–/1.4	4.1/10 (39%)	3.7/12 (30%)	7.8/24	–/0.6	0.3/4.9 (6%)	0.4/17 (2%)	0.7/23
1995	–/1.1	2.6/9.8 (27%)	3.3/13 (25%)	5.9/24	–/0.4	0.3/4.4 (6%)	0.9/20 (4%)	1.2/25
2005	–/0.8	1.8/9.2 (20%)	2.9/14 (20%)	4.7/24	–/0.3	0.3/4.2 (8%)	1.2/20 (6%)	1.5/24
2015 proj.	–/0.7	1.7/8.9 (19%)	2.2/17 (14%)	3.9/26	–/0.3	0.6/4.3 (14%)	1.6/21 (8%)	2.3/26

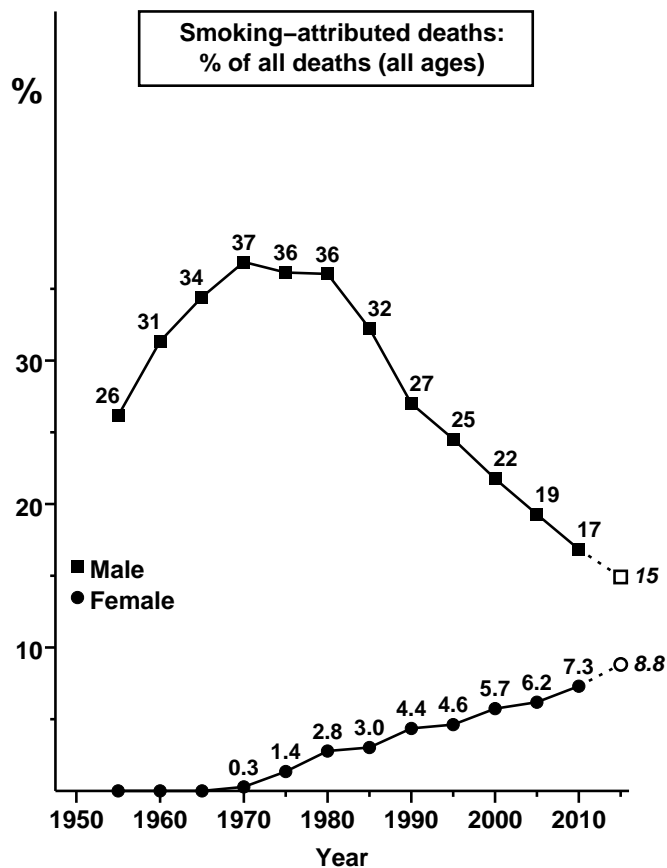
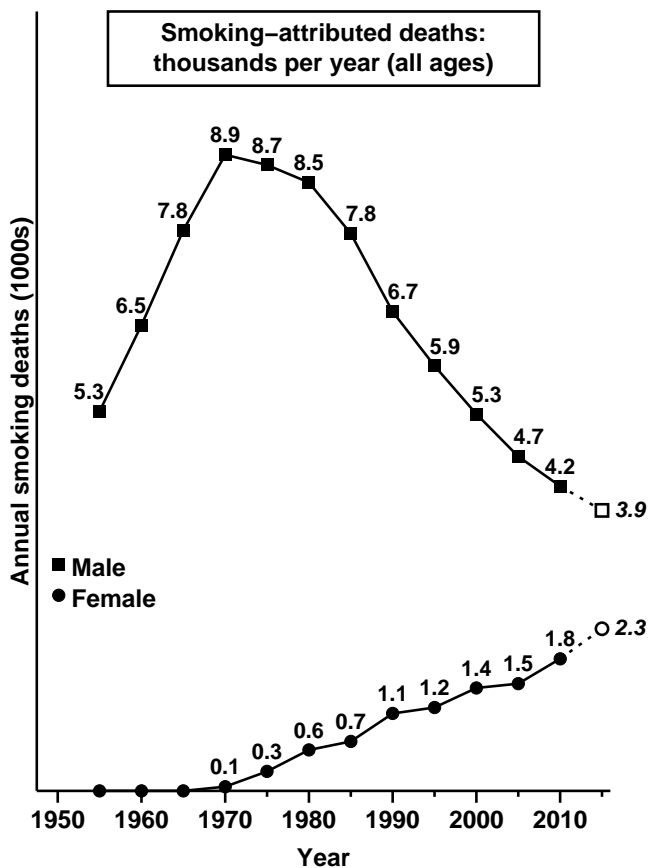
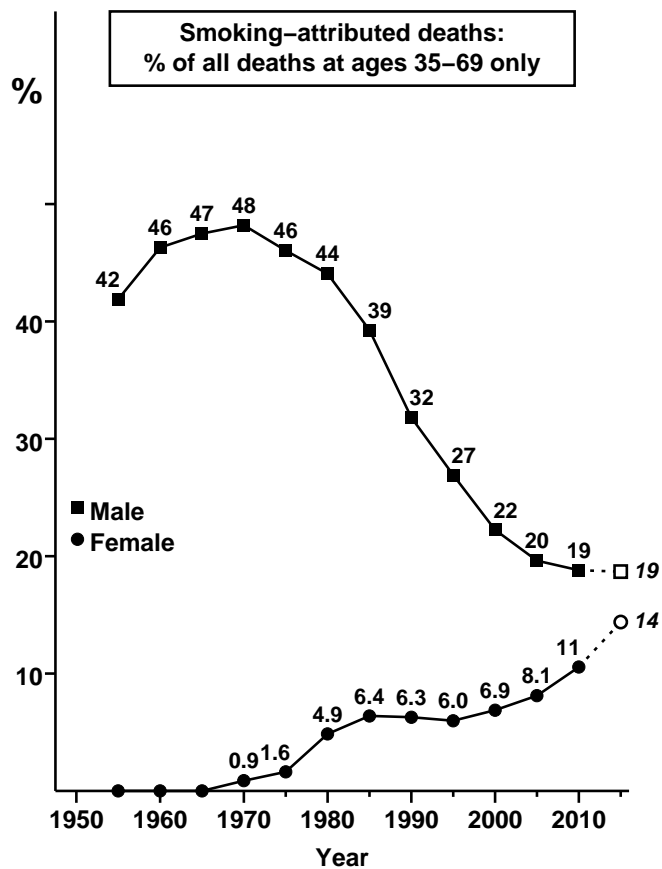
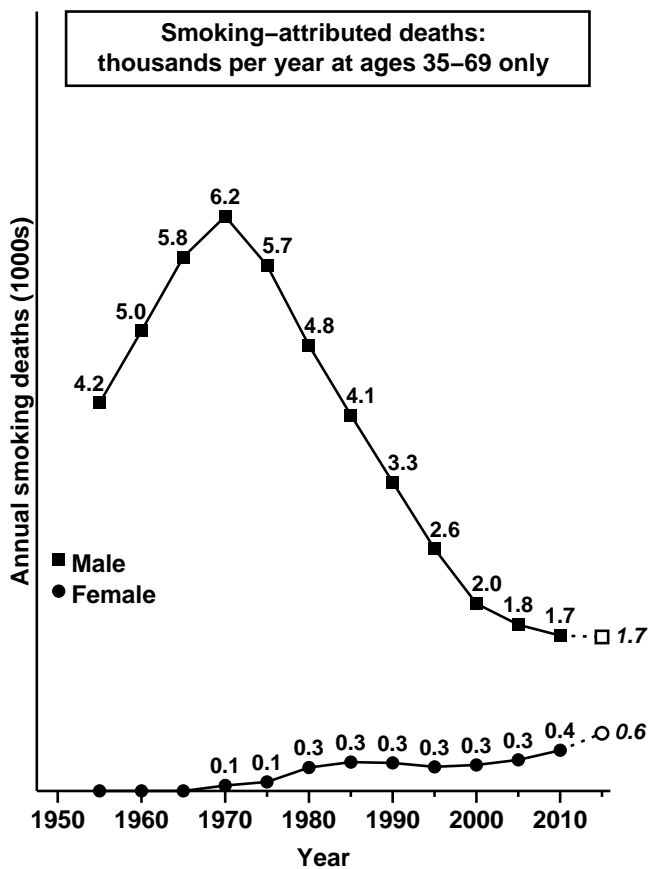
60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 447 / 2839

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

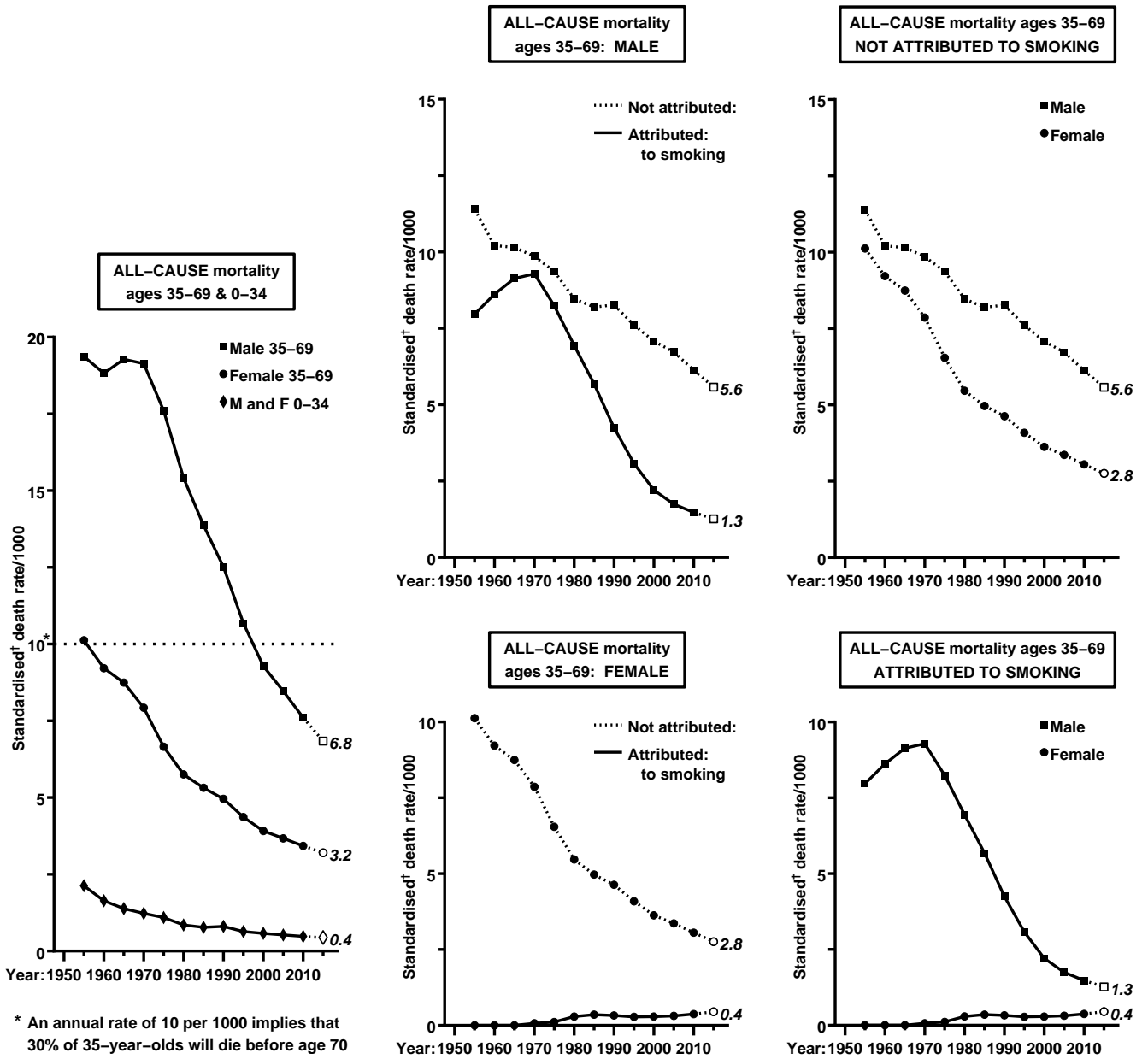
–/83	217/628 (34%)	172/744 (23%)	388/1455	–/38	16/307 (5%)	42/1038 (4%)	59/1383
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1955-2015: FINLAND



**FINLAND: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



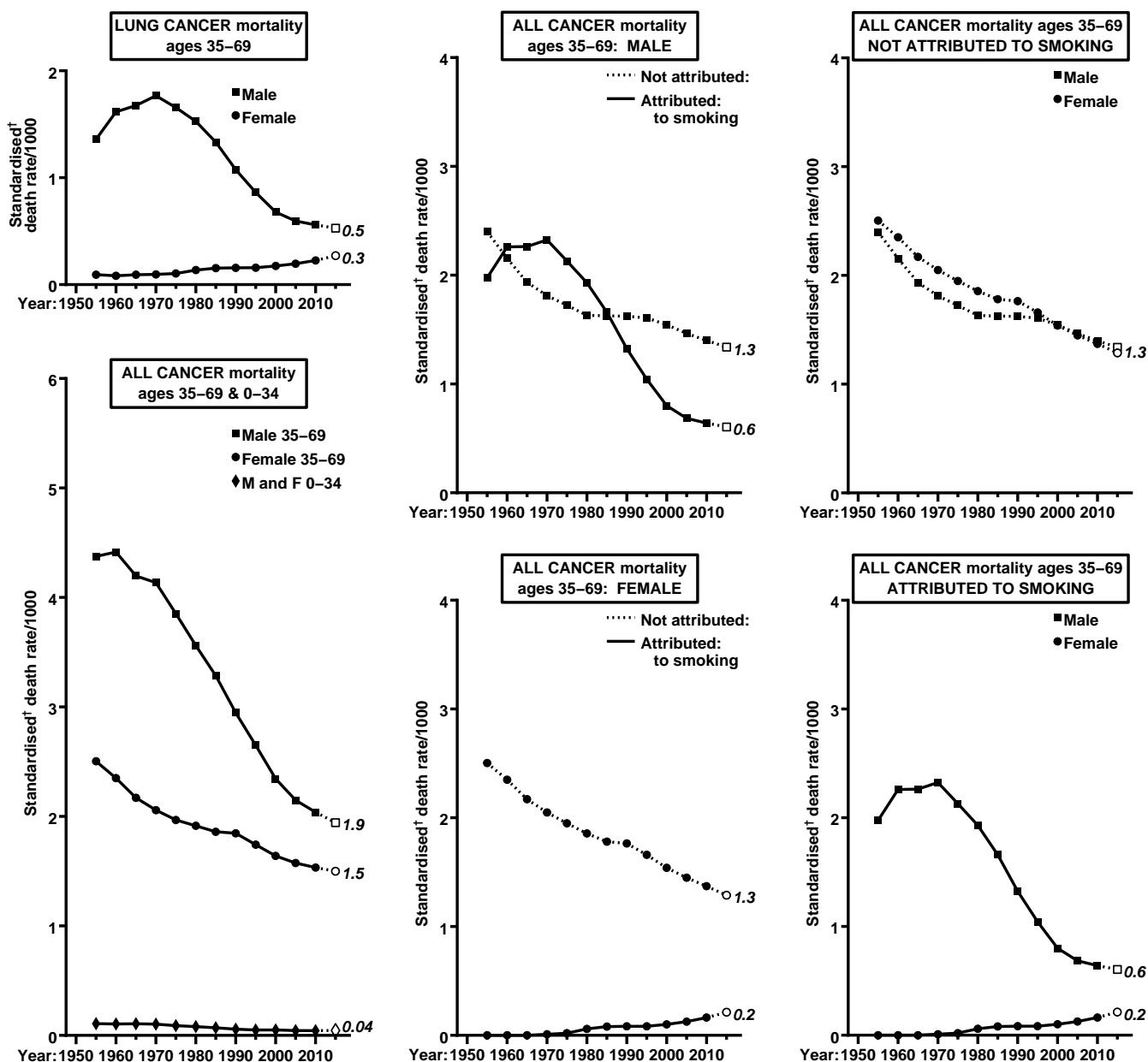
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	-	2.59	7.97	11.4	16.3	77.0	-	1.66	0.00	10.1	0.00	71.9
1960	-	2.07	8.62	10.2	20.1	70.3	-	1.20	0.00	9.21	0.00	69.0
1965	-	1.78	9.13	10.1	24.0	68.0	-	0.99	0.00	8.74	0.00	67.3
1970	-	1.63	9.28	9.85	27.5	62.3	-	0.82	0.06	7.86	0.00	61.1
1975	-	1.49	8.24	9.36	26.7	56.1	-	0.69	0.11	6.54	0.68	48.8
1980	-	1.17	6.94	8.47	26.6	49.4	-	0.52	0.29	5.46	1.07	41.2
1985	-	1.07	5.68	8.19	23.0	48.7	-	0.48	0.35	4.97	1.18	38.1
1990	-	1.12	4.24	8.27	19.3	47.1	-	0.49	0.32	4.63	1.89	34.8
1995	-	0.88	3.08	7.60	16.5	43.0	-	0.38	0.28	4.09	1.78	30.2
2000	-	0.80	2.20	7.08	13.4	38.5	-	0.35	0.29	3.62	1.98	25.2
2005	-	0.72	1.74	6.72	9.85	33.7	-	0.32	0.31	3.36	1.66	20.5
2010	-	0.65	1.47	6.13	7.25	30.6	-	0.30	0.37	3.05	1.87	17.8
2015	-	0.60	1.26	5.58	5.32	27.5	-	0.28	0.44	2.76	2.10	15.3

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

ALL CANCER mortality rates attributed and not attributed to smoking



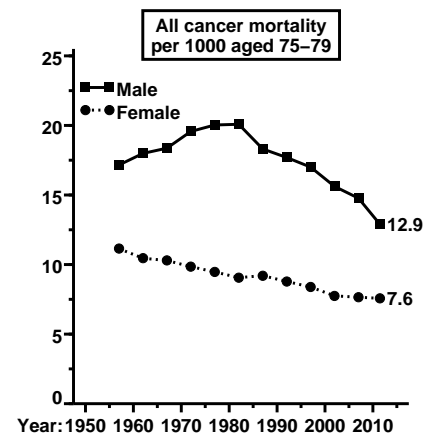
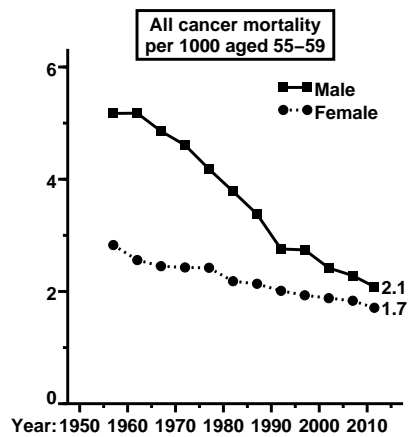
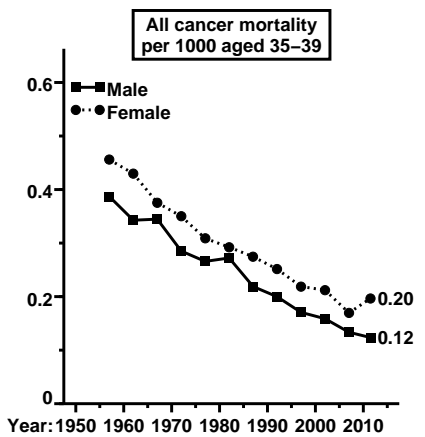
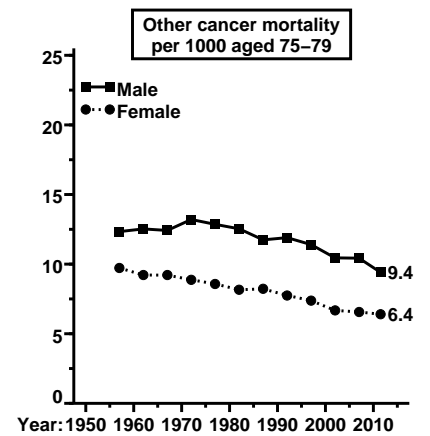
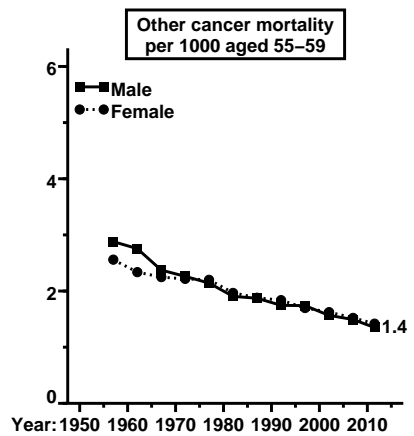
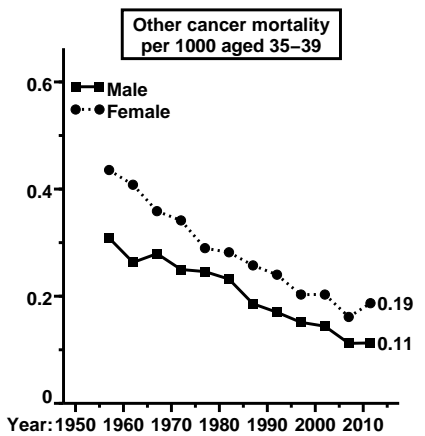
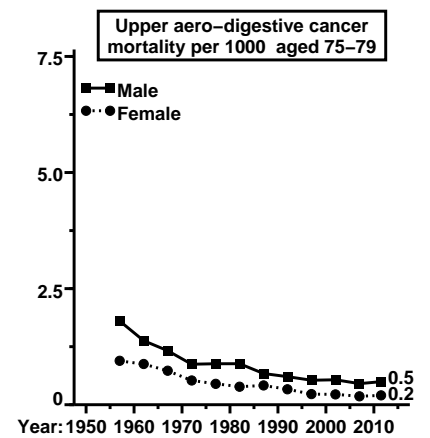
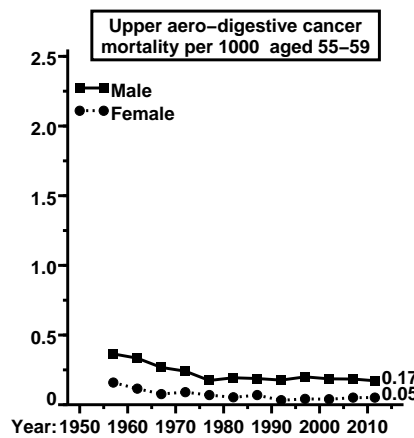
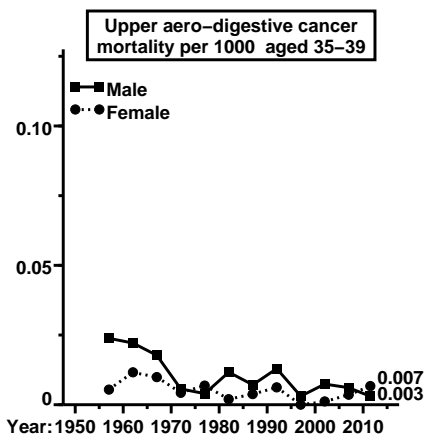
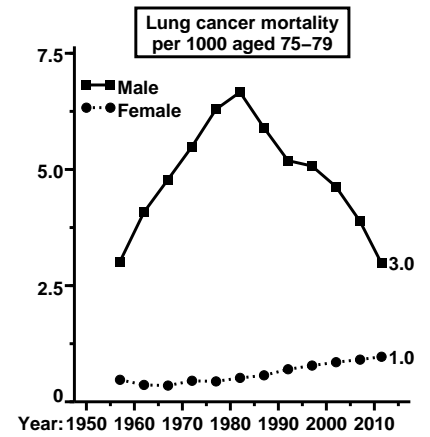
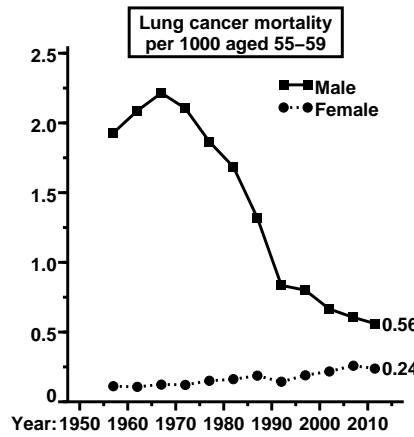
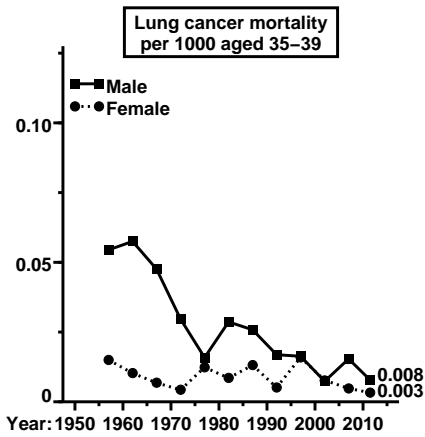
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	0.11	1.98	2.40	4.26	11.7	-	0.10	0.00	2.50	0.00	9.91		
1960	-	0.11	2.26	2.16	5.36	11.0	-	0.10	0.00	2.35	0.00	9.33		
1965	-	0.11	2.26	1.93	6.22	10.4	-	0.10	0.00	2.17	0.00	9.11		
1970	-	0.11	2.32	1.81	7.40	10.1	-	0.09	0.01	2.05	0.00	8.63		
1975	-	0.10	2.13	1.72	7.68	9.82	-	0.08	0.02	1.95	0.12	7.94		
1980	-	0.09	1.93	1.63	8.36	9.25	-	0.07	0.06	1.86	0.21	7.67		
1985	-	0.07	1.66	1.63	7.33	9.25	-	0.06	0.08	1.78	0.23	7.63		
1990	-	0.06	1.32	1.62	6.46	9.13	-	0.06	0.08	1.76	0.43	7.24		
1995	-	0.05	1.04	1.61	5.90	9.06	-	0.05	0.08	1.66	0.45	6.92		
2000	-	0.05	0.80	1.54	5.10	8.65	-	0.04	0.10	1.54	0.57	6.43		
2005	-	0.04	0.68	1.46	4.19	8.30	-	0.04	0.13	1.45	0.57	5.94		
2010	-	0.05	0.64	1.40	3.30	7.96	-	0.04	0.16	1.37	0.73	5.87		
2015	-	0.05	0.60	1.34	2.59	7.57	-	0.04	0.21	1.29	0.91	5.77		

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

**FINLAND: 1955-2013**

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

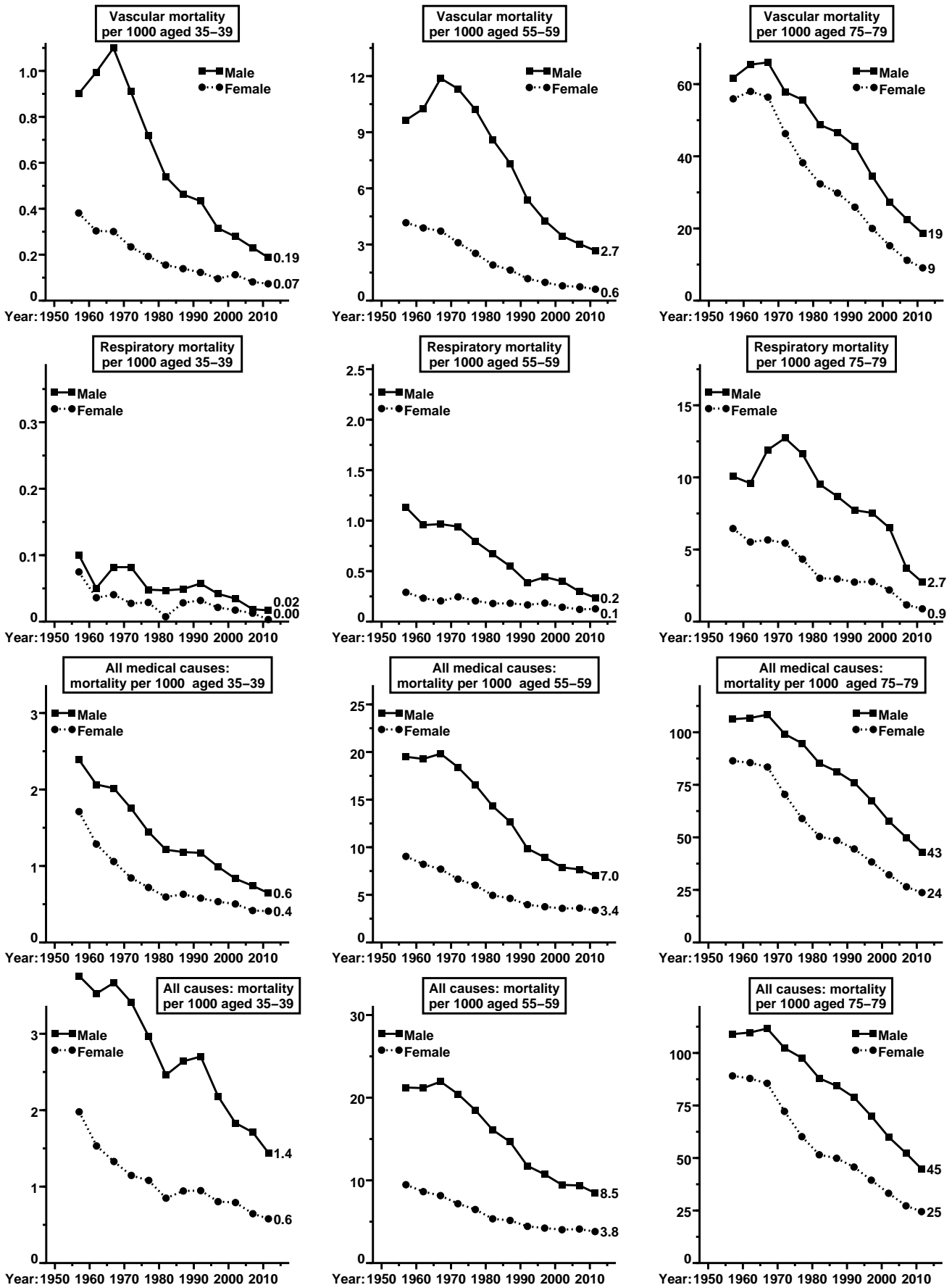


\* Annual mortality per 1000: averages of years available in 1955–59,.....,2005–09; then 4-year average 2010–13



1955-2013: FINLAND

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



\* Annual mortality per 1000: averages of years available in 1955-59,.....,2005-09; then 4-year average 2010-13

## Former CZECHOSLOVAKIA: 1990

		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
<b>ALL CAUSES</b>	<b>M</b>	96731	4957	46674	1534.3	125.8	1818.3	295.3	31.1	25.6	77.0	129.6	135.8	186.5
	<b>F</b>	87054	2439	23180	857.5	64.5	752.6	221.1	19.7	18.1	39.0	39.6	43.7	70.4
<b>Tuberculosis</b>	<b>M</b>	174	2	113	2.8	0.1	4.3	-	-	-	-	-	-	0.3
	<b>F</b>	109	1	29	1.1	0.0	1.0	-	-	-	0.2	-	-	-
<b>Other infective and parasitic</b>	<b>M</b>	128	23	70	1.9	0.6	2.6	1.8	0.5	0.1	0.1	0.2	0.7	0.5
	<b>F</b>	164	17	61	1.8	0.5	1.9	2.7	-	0.1	-	-	0.2	0.2
<b>ALL CANCER</b>	<b>M</b>	22073	429	13318	347.8	10.6	528.1	7.9	8.1	5.0	9.1	11.6	13.8	18.9
	<b>F</b>	16408	354	7917	178.2	9.1	256.4	7.3	3.6	4.8	5.5	7.2	13.0	22.5
<b>Mouth and pharynx cancer</b>	<b>M</b>	813	3	693	12.7	0.1	25.5	-	-	-	-	-	0.4	0.2
	<b>F</b>	128	5	54	1.4	0.1	1.7	-	-	-	-	-	0.4	0.5
<b>Oesophagus cancer</b>	<b>M</b>	457	2	347	7.0	0.1	13.3	-	-	-	-	0.2	-	0.2
	<b>F</b>	79	1	29	0.8	0.0	1.0	-	-	-	-	0.2	-	-
<b>Stomach cancer</b>	<b>M</b>	1853	15	957	29.5	0.4	38.5	-	-	-	-	-	1.1	1.6
	<b>F</b>	1355	11	498	14.1	0.3	16.0	-	-	-	-	-	1.0	1.1
<b>Colorectal cancer</b>	<b>M</b>	2988	14	1537	47.7	0.4	62.1	-	-	-	-	-	1.1	1.4
	<b>F</b>	2478	14	968	25.7	0.4	31.7	-	-	-	0.3	-	0.8	1.4
<b>Liver cancer</b>	<b>M</b>	453	7	278	7.2	0.2	11.0	0.4	-	-	-	0.2	-	0.7
	<b>F</b>	284	5	159	3.2	0.1	5.2	0.4	-	-	-	-	-	0.5
<b>Pancreas cancer</b>	<b>M</b>	1032	6	641	16.2	0.1	25.4	-	-	-	-	0.2	0.4	0.5
	<b>F</b>	872	7	403	9.0	0.2	13.2	-	-	-	0.2	0.2	0.4	0.5
<b>Larynx cancer</b>	<b>M</b>	514	1	392	8.0	0.0	14.8	-	-	-	-	-	-	0.2
	<b>F</b>	39	1	23	0.5	0.0	0.8	-	-	-	-	-	-	0.2
<b>Lung cancer</b>	<b>M</b>	6909	13	4900	108.7	0.3	196.2	-	-	-	-	0.2	0.2	1.9
	<b>F</b>	1125	4	628	12.5	0.1	20.5	-	-	-	-	-	0.4	0.4
<b>Malignant melanoma</b>	<b>M</b>	223	9	152	3.5	0.2	5.6	-	-	-	-	0.4	0.6	0.7
	<b>F</b>	211	10	105	2.3	0.3	3.3	-	-	-	-	0.6	0.2	1.1
<b>Female breast cancer</b>	<b>F</b>	2521	33	1476	28.7	0.9	47.7	-	-	-	-	0.4	0.6	5.0
<b>Cervix cancer</b>	<b>F</b>	604	37	382	7.0	1.0	11.8	-	-	-	-	-	1.7	5.0
<b>Other uterine cancer</b>	<b>F</b>	787	5	403	8.5	0.1	13.1	-	-	-	-	-	0.4	0.5
<b>Ovarian cancer</b>	<b>F</b>	1014	18	664	11.9	0.5	21.4	-	-	0.1	0.3	0.8	0.8	1.3
<b>Prostate cancer</b>	<b>M</b>	1417	1	398	23.1	0.0	16.9	-	-	-	-	-	0.2	-
<b>Bladder cancer</b>	<b>M</b>	778	1	369	12.6	0.0	15.4	0.2	-	-	-	-	-	-
	<b>F</b>	219	1	69	2.2	0.0	2.2	-	-	-	-	-	-	0.2
<b>Other and ill-defined cancer sites</b>	<b>M</b>	3411	205	2007	53.1	5.1	78.2	5.3	2.8	2.1	5.5	5.8	7.8	6.3
	<b>F</b>	3652	114	1590	38.9	2.9	51.8	4.6	1.8	2.5	2.1	2.7	3.5	3.2
<b>Hodgkin's disease</b>	<b>M</b>	110	16	68	1.6	0.4	2.5	-	-	0.1	0.3	0.4	0.4	1.6
	<b>F</b>	81	9	37	1.0	0.2	1.1	-	-	0.1	0.2	0.8	0.4	0.2
<b>Myeloma and non-Hodgkin lymphomas</b>	<b>M</b>	474	34	270	7.4	0.8	10.7	-	1.7	0.3	1.1	1.1	0.7	0.9
	<b>F</b>	464	15	209	5.0	0.4	6.8	0.4	0.4	0.3	0.8	0.2	0.2	0.4
<b>Leukaemia</b>	<b>M</b>	641	102	309	9.7	2.5	12.1	2.0	3.6	2.4	2.1	3.2	1.1	2.8
	<b>F</b>	495	64	220	5.5	1.6	7.0	1.9	1.4	1.6	1.6	1.4	2.5	0.9
<b>Diabetes</b>	<b>M</b>	1204	11	599	19.2	0.3	24.1	-	-	-	0.1	-	0.9	0.9
	<b>F</b>	1775	7	599	18.0	0.2	19.7	-	-	-	-	-	0.4	0.9
<b>ALL VASCULAR DISEASE</b>	<b>M</b>	49156	300	20750	796.9	7.6	832.8	1.3	0.5	1.1	2.8	7.7	11.6	28.1
	<b>F</b>	52368	121	10094	489.2	3.2	331.2	2.5	0.4	0.3	2.2	3.3	4.6	8.8
<b>Rheumatic heart disease and fever</b>	<b>M</b>	345	12	249	5.5	0.3	9.5	-	-	0.1	0.1	0.4	0.6	0.9
	<b>F</b>	492	2	315	5.7	0.1	10.4	-	-	-	-	-	0.2	0.2
<b>Hypertensive disease</b>	<b>M</b>	625	2	340	9.9	0.1	13.4	-	-	-	-	0.2	-	0.2
	<b>F</b>	781	1	243	7.8	0.0	8.1	-	-	-	-	-	-	0.2
<b>Ischaemic heart disease</b>	<b>M</b>	26685	118	12635	430.0	3.0	506.5	-	-	-	0.3	1.9	3.5	15.2
	<b>F</b>	23407	17	4719	219.8	0.5	155.3	-	-	-	0.2	0.4	1.0	1.6
<b>Pulmonary embolism and other venous</b>	<b>M</b>	384	3	190	6.1	0.1	7.5	-	-	-	-	-	-	0.5
	<b>F</b>	538	3	174	5.3	0.1	5.7	-	-	-	-	-	-	0.5
<b>Cerebrovascular disease</b>	<b>M</b>	12752	49	4395	208.7	1.2	178.7	-	0.2	0.4	0.9	2.1	1.9	3.2
	<b>F</b>	17175	31	3018	159.1	0.8	98.8	0.6	-	-	0.8	0.6	1.0	2.7
<b>Other vascular disease</b>	<b>M</b>	8365	116	2941	136.8	2.9	117.2	1.3	0.3	0.6	1.4	3.2	5.7	8.1
	<b>F</b>	9975	67	1625	91.5	1.8	52.9	1.9	0.4	0.3	1.3	2.3	2.5	3.6
<b>Chronic obstructive pulmonary disease</b>	<b>M</b>	2466	32	1029	39.9	0.8	41.6	0.4	0.2	0.3	0.5	0.9	1.7	1.8
	<b>F</b>	1103	10	315	10.9	0.2	10.2	0.4	0.2	0.1	0.5	0.2	-	0.4
<b>Other respiratory disease</b>	<b>M</b>	3052	209	1035	49.4	5.2	39.9	21.2	2.2	2.4	3.4	1.1	2.0	4.4
	<b>F</b>	2781	156	449	26.5	4.2	14.5	19.3	1.4	1.9	0.6	1.2	2.7	2.0
<b>Peptic ulcer</b>	<b>M</b>	561	7	311	8.8	0.2	11.9	0.2	-	-	0.1	-	0.4	0.5
	<b>F</b>	297	1	93	2.9	0.0	3.0	0.2	-	-	-	-	-	-
<b>Liver cirrhosis</b>	<b>M</b>	2867	85	2370	43.4	2.2	86.0	0.2	-	-	-	0.6	3.7	10.7
	<b>F</b>	997	26	658	11.9	0.7	21.0	0.2	0.2	-	0.3	0.2	0.8	3.1
<b>Renal disease</b>	<b>M</b>	1371	32	685	21.6	0.8	26.4	0.9	0.2	0.1	0.5	0.9	0.9	2.1
	<b>F</b>	1502	29	610	15.6	0.8	20.0	1.2	0.5	0.3	0.6	0.6	0.8	1.3
<b>Pregnancy, birth</b>	<b>F</b>	16	8	8	0.2	0.2	0.2	-	-	-	-	0.6	0.4	0.5
<b>Congenital and perinatal causes</b>	<b>M</b>	1209	1207	2	17.7	31.6	0.1	215.8	1.6	1.1	1.1	0.8	0.4	0.7
	<b>F</b>	821	817	4	12.6	22.4	0.1	151.9	1.8	1.4	1.0	0.4	0.2	0.5
<b>Ill-defined causes</b>	<b>M</b>	755	59	232	12.4	1.5	8.4	4.6	0.2	-	0.5	1.1	1.5	2.8
	<b>F</b>	1024	36	83	9.2	1.0	2.6	4.2	-	-	0.5	0.6	1.0	0.5
<b>Other medical causes</b>	<b>M</b>	3429	346	1778	52.7	8.7	64.8	15.3	4.8	3.0	5.2	7.3	9.6	15.6
	<b>F</b>	2985	261	1092	31.6	6.7	34.9	12.9	3.8	4.2	5.6	4.7	5.4	10.4
<b>ALL NON-MEDICAL CAUSES</b>	<b>M</b>	8286	2215	4382	119.7	55.7	147.5	25.8	12.9	12.3	53.6	97.4	88.5	99.2
	<b>F</b>	4704	595	1168	48.0	15.3	35.9	18.2	7.8	4.9	22.0	20.7	14.4	19.3
<b>Road traffic accidents</b>	<b>M</b>	1671	723	780	23.0	18.1	26.1	4.4	5.3	4.3	23.2	40.2	25.3	23.7
	<b>F</b>	566	198	191	6.6	5.0	5.8	2.1	4.0	1.6	12.2	7.8	3.8	3.2
<b>Fire</b>	<b>M</b>	130	26	62	1.9	0.6	2.2	-	0.7	0.1	0.8	1.1	0.7	1.1
	<b>F</b>	71	7	16	0.7	0.2	0.5	0.6	0.2	-	0.2	0.4	-	-
<b>Suicide</b>	<b>M</b>	2082	441	1298	30.1	11.2	43.2	-	-	1.1	8.6	16.9	22.4	29.1
	<b>F</b>	716	121	398	8.5	3.1	12.2	-	-	0.5	3.0	5.9	4.4	8.3
<b>POPULATION:</b>			<b>M=male</b>		7589.7	4120.6	3079.8	543.5	581.5	699.2	650.5	534.1	541.5	570.4
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		8011.7	3952.4	3360.3	517.4	554.5	668.1	622.8	512.3	521.6	555.6

## 1990: Former CZECHOSLOVAKIA

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			
300.9	498.4	836.4	1390.7	2013.8	3197.8	4489.9	7355.9	10130.8	18710.5	M	ALL CAUSES	001-999/A00-Y89
112.0	184.4	296.3	479.3	794.8	1287.2	2114.1	4093.7	6467.6	14992.1	F		
0.5	1.9	3.2	5.3	5.1	5.5	8.4	10.1	12.4	25.1	F	Tuberculosis	010-018, 137/ A15-A19, B90
0.2	-	0.2	0.3	2.2	2.6	1.4	5.2	8.4	19.2	F		
1.1	0.3	2.5	1.7	3.5	4.0	5.0	5.4	7.2	15.8	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
0.3	1.4	1.4	1.8	1.4	2.8	4.3	6.2	10.7	18.8	F		
47.0	101.5	206.1	432.5	651.0	976.2	1282.5	1865.8	2113.0	2501.2	M	ALL CANCER	140-208/C00-C97
44.8	78.9	132.8	193.8	313.1	444.5	586.6	884.0	1114.5	1439.0	F		
3.5	13.2	24.2	37.1	34.6	32.1	33.6	31.9	23.5	37.2	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	0.5	0.6	1.8	2.2	3.3	3.2	4.1	8.4	16.0	F		
1.4	3.9	8.5	14.2	20.0	24.3	20.5	17.1	36.6	27.9	M	Oesophagus cancer	150/C15
-	0.2	0.4	0.5	1.7	2.4	1.6	1.6	7.3	11.1	F		
2.4	6.3	11.7	26.8	45.1	69.1	108.2	178.0	224.6	286.4	M	Stomach cancer	151/C16
3.7	5.5	7.0	12.1	17.3	25.5	41.2	85.7	108.0	162.9	F		
4.9	6.0	20.2	46.3	66.2	120.9	170.2	278.3	372.8	472.3	M	Colorectal cancer	153, 154/C18-C21
2.8	5.3	12.8	20.1	40.6	56.1	84.4	148.6	202.3	278.4	F		
1.4	2.7	2.8	9.5	12.4	19.4	28.9	42.8	37.9	51.1	M	Liver cancer	155.0/C22 excl C221
0.8	0.5	1.0	2.6	6.7	12.0	12.9	18.6	17.6	15.6	F		
2.2	6.0	8.5	21.7	28.4	54.1	56.6	84.0	105.1	107.9	M	Pancreas cancer	157/C25
0.7	2.6	4.5	6.2	12.0	26.4	39.8	45.9	75.5	72.0	F		
1.9	5.8	11.1	15.9	18.6	22.0	28.6	30.3	34.0	27.9	M	Larynx cancer	161/C32
0.2	0.2	0.6	1.0	1.2	0.5	1.6	1.6	0.8	4.1	F		
7.3	29.4	70.3	166.1	263.2	372.2	464.7	569.1	493.0	473.3	M	Lung cancer	162/C33, C34
1.8	5.1	9.5	13.4	28.4	38.9	46.6	63.0	74.3	72.5	F		
1.6	2.6	3.8	5.0	7.0	11.0	8.4	14.0	13.1	22.3	M	Malignant melanoma	172/C43
1.5	2.2	2.9	2.8	2.6	5.0	5.9	9.8	12.6	18.0	F		
7.8	18.2	35.4	48.9	59.9	81.3	82.6	108.4	142.5	176.0	F	Female breast cancer	174/C50
7.0	9.7	8.2	9.3	13.2	17.7	17.2	23.7	25.3	29.9	F	Cervix cancer	180/C53
2.8	2.2	5.6	7.5	15.6	21.2	36.7	47.5	52.5	61.4	F	Other uterine cancer	179, 182/C54, C55
4.4	8.5	13.4	19.3	28.9	35.8	39.6	50.1	46.4	46.7	F	Ovarian cancer	183/C56, C570-C574
-	-	0.8	3.3	13.2	35.0	66.0	160.9	270.3	369.1	M	Prostate cancer	185/C61
0.2	1.0	1.7	5.0	16.5	29.5	53.8	92.5	92.7	136.7	M	Bladder cancer	188/C67
0.5	0.5	0.2	1.8	2.9	2.1	7.7	15.0	19.2	28.7	F		
14.7	18.6	33.8	62.1	94.3	141.7	182.0	267.4	291.2	380.3	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
7.1	11.4	22.6	36.8	64.5	90.3	130.1	194.0	257.5	368.4	F		
1.0	1.5	1.3	3.6	3.2	2.0	4.7	3.9	8.5	7.4	M	Hodgkin's disease	201/C81
0.5	0.8	1.2	1.0	1.7	1.4	1.4	7.2	3.8	4.5	F		
2.1	1.7	1.9	8.6	13.0	22.6	25.2	45.1	44.4	40.9	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
0.8	2.0	4.1	3.9	7.0	13.0	16.5	32.5	32.6	37.7	F		
2.4	2.7	5.5	7.2	15.1	20.2	31.1	50.5	65.3	60.4	M	Leukaemia	204-208/C91-C95
2.1	3.4	2.7	4.9	6.7	11.6	17.6	26.8	28.0	35.2	F		
3.8	3.6	5.5	12.3	21.6	48.6	73.4	136.1	145.0	183.2	M	Diabetes	250/E10-E14
1.3	1.2	3.5	9.8	19.5	36.8	66.1	126.4	149.8	218.2	F		
60.7	147.6	293.2	531.8	868.5	1551.5	2376.2	4185.6	6128.8	12399.9	M	ALL VASCULAR DISEASE	390-459/I00-I99
18.4	39.2	72.5	162.7	311.7	578.2	1135.7	2456.3	4231.7	10786.5	F		
1.3	3.1	5.5	10.3	15.4	14.5	16.5	28.0	17.0	20.5	M	Rheumatic heart disease and fever	390-398/I00-I09
0.3	1.5	4.3	10.0	13.9	17.9	24.9	26.3	27.2	21.7	F		
1.3	3.1	6.4	10.9	15.4	24.0	32.7	49.8	69.2	105.1	M	Hypertensive disease	401-405/I10-I15
0.2	0.8	1.0	5.9	12.3	11.8	24.4	43.4	57.9	123.6	F		
33.8	88.0	182.7	338.3	556.4	956.8	1389.5	2267.7	3086.6	5846.6	M	Ischaemic heart disease	410-414/I20-I25
4.0	12.4	28.0	60.8	148.9	291.0	542.3	1184.8	1893.4	4680.5	F		
1.0	1.7	4.0	4.5	7.0	13.9	20.2	33.4	49.6	67.0	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
0.3	1.7	1.4	3.1	5.3	10.4	17.4	27.4	46.7	76.2	F		
9.7	27.2	52.9	88.6	162.4	337.8	572.0	1169.2	1825.7	3726.7	M	Cerebrovascular disease	430-438/I60-I69
7.0	11.2	20.4	44.0	85.1	168.8	355.1	815.3	1478.9	3555.9	F		
13.7	24.6	41.6	79.2	111.9	204.5	345.3	637.5	1080.7	2634.2	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
6.6	11.4	17.3	38.9	46.2	78.3	171.6	359.2	727.6	2328.6	F		
2.5	6.3	12.8	24.2	43.8	81.6	119.8	216.9	310.2	605.3	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
1.3	2.0	4.9	5.9	11.1	19.8	26.7	56.2	76.6	192.0	F		
8.1	14.5	18.1	29.0	41.1	67.4	101.1	223.9	369.6	887.0	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.6	4.1	5.8	8.0	10.1	26.2	45.9	111.5	192.3	596.9	F		
2.4	3.9	8.1	8.4	12.2	21.7	26.4	45.1	62.7	82.8	M	Peptic ulcer	531-533/K25-K27
0.7	0.8	0.4	1.0	3.1	5.7	9.3	13.9	23.4	47.1	F		
27.4	46.0	72.2	95.0	111.1	134.8	115.4	116.6	101.9	98.6	M	Liver cirrhosis	571/K70, K74
5.5	11.2	16.1	21.9	30.8	28.8	32.8	45.4	43.3	45.9	F		
6.7	7.2	12.8	22.3	30.8	39.6	65.3	91.0	163.9	265.9	M	Renal disease	580-590/N00-N19
2.6	3.4	5.3	12.9	21.4	38.4	55.7	86.7	116.1	160.5	F		
1.0	0.2	0.2	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.2	-	-	-	-	-	0.3	-	-	-	F	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.3	0.2	0.2	-	-	-	-	-	-	-	F	Ill-defined causes	780-799/R00-R99
3.7	4.6	6.4	8.4	8.4	14.5	12.8	17.1	49.0	341.2	M		
1.3	1.4	2.5	2.3	1.7	4.5	4.5	19.6	37.2	315.2	F		
24.5	35.4	51.0	60.2	67.3	85.3	129.7	186.6	308.2	551.4	M	Other medical causes	Rest of 001-799/ rest of A00-R99
11.2	12.6	21.2	27.8	35.6	52.1	83.5	132.6	198.1	351.2	F		
112.3	125.6	144.5	159.7	149.4	167.2	173.6	255.8	359.1	753.1	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
21.5	27.8	29.2	31.1	33.2	46.9	61.6	149.7	265.5	801.6	F		
19.8	24.1	24.4	29.0	26.2	30.9	28.6	38.1	40.5	53.0	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
5.3	4.1	4.3	7.7	5.0	8.0	6.3	21.2	25.3	28.7	F		
1.6	1.2	0.6	1.9	1.4	4.3	4.7	8.6	7.8	17.7	M	Fire	E890-E899/X00-X09
-	-	0.4	0.3	0.2	0.9	1.8	3.1	4.2	12.7	F		
34.1	38.8	47.0	52.1	43.2	38.5	48.5	66.9	79.0	126.5	M	Suicide	E950-E959/X60-X84
7.6	10.2	12.4	10.0	12.0	15.6	17.2	24.8	20.7	38.9	F		
627.8	585.3	470.6	358.8	370.1	345.7	321.5	128.6	153.1	107.5	M	POPULATION	
617.8	586.7	485.6	388.5	415.8	424.1	441.8	193.8	261.0	244.3	F	(1000s; UN, 2015 revision)	

<b>Former CZECHOSLOVAKIA: 1990</b>
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**Relative importance of deaths in MIDDLE age (35–69) in the year 1990**

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 4.9	– / 2.5	–
35–69	22 / 45	2.4 / 23	20 years
70+	11 / 45	2.6 / 61	8 years
<b>All ages</b>	<b>33 / 94</b>	<b>5.0 / 86</b>	<b>16 years</b>

**Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 1990**

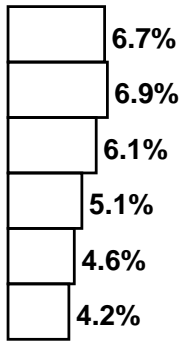
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	4.6/4.8	1.8/2.0	6.4/6.8	–/0.0	0.4/0.6	0.2/0.5	0.6/1.1
All Cancer	–/0.4	7.4/13 (56%)	2.9/8.4 (34%)	10/22	–/0.3	0.5/7.9 (6%)	0.3/8.1 (4%)	0.8/16
Vascular	–/0.3	11/20	5.9/27	17/47	–/0.1	1.5/9.7	1.8/42	3.2/52
Respiratory	–/0.2	1.4/2.0	1.5/3.5	3.0/5.7	–/0.2	0.2/0.8	0.4/3.3	0.6/4.3
All Other	–/3.9	1.6/9.7	0.4/5.4	2.0/19	–/1.8	0.2/4.3	0.1/8.2	0.3/14
<b>All Causes</b>	<b>–/4.9</b>	<b>22/45 (49%)</b>	<b>11/45 (24%)</b>	<b>33/94</b>	<b>–/2.5</b>	<b>2.4/23 (11%)</b>	<b>2.6/61 (4%)</b>	<b>5.0/86</b>

**Cancer deaths, and all deaths,  
attributed to SMOKING / total deaths (thousands) in the year 1990**

Cause	Male	Female	Male + Female
All Cancer	10 / 22 (47%)	0.8 / 16 (5%)	11 / 38 (29%)
All Causes	33 / 94 (35%)	5.0 / 86 (6%)	38 / 181 (21%)

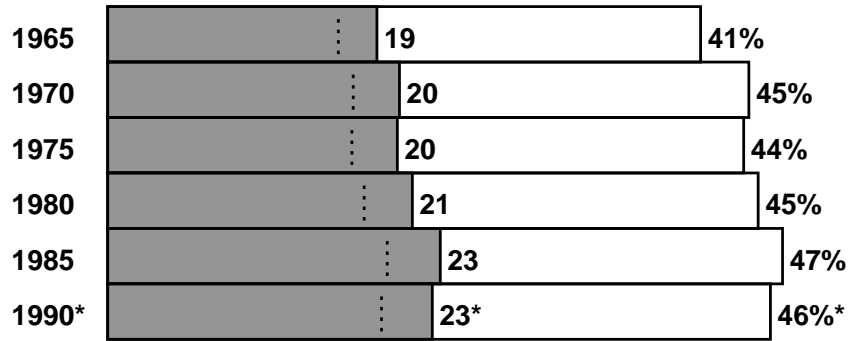
**1965-1990: Former CZECHOSLOVAKIA**

**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)**

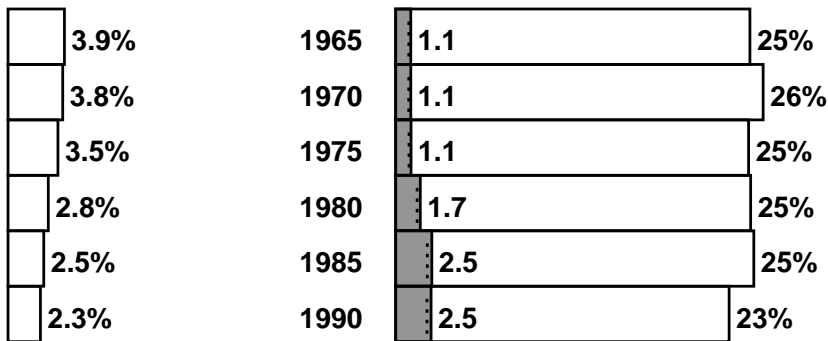
**MALE**



\*eg, at year 1990 male death rates, out of 100 men aged 35, 46 would die before age 70 (with 23 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**



<b>Former CZECHOSLOVAKIA: 1965-1990</b>
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**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
1950	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...
1965	-/7.5	16/36 <b>(45%)</b>	7.6/31 <b>(25%)</b>	24/74	-/4.2	0.9/22 <b>(4%)</b>	1.4/39 <b>(4%)</b>	2.3/65
1970	-/7.8	19/41 <b>(45%)</b>	11/37 <b>(31%)</b>	30/86	-/4.1	1.0/24 <b>(4%)</b>	2.1/47 <b>(4%)</b>	3.0/75
1975	-/7.8	18/40 <b>(45%)</b>	14/42 <b>(33%)</b>	32/90	-/4.3	1.0/23 <b>(4%)</b>	1.7/54 <b>(3%)</b>	2.7/80
1980	-/6.8	19/39 <b>(47%)</b>	15/47 <b>(31%)</b>	33/94	-/3.6	1.5/22 <b>(7%)</b>	2.1/61 <b>(3%)</b>	3.5/86
1985	-/5.6	20/40 <b>(50%)</b>	13/49 <b>(27%)</b>	33/95	-/2.9	2.1/21 <b>(10%)</b>	2.2/65 <b>(3%)</b>	4.3/89
1990	-/4.9	22/45 <b>(49%)</b>	11/45 <b>(24%)</b>	33/94	-/2.5	2.4/23 <b>(11%)</b>	2.6/61 <b>(4%)</b>	5.0/86
1995	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...

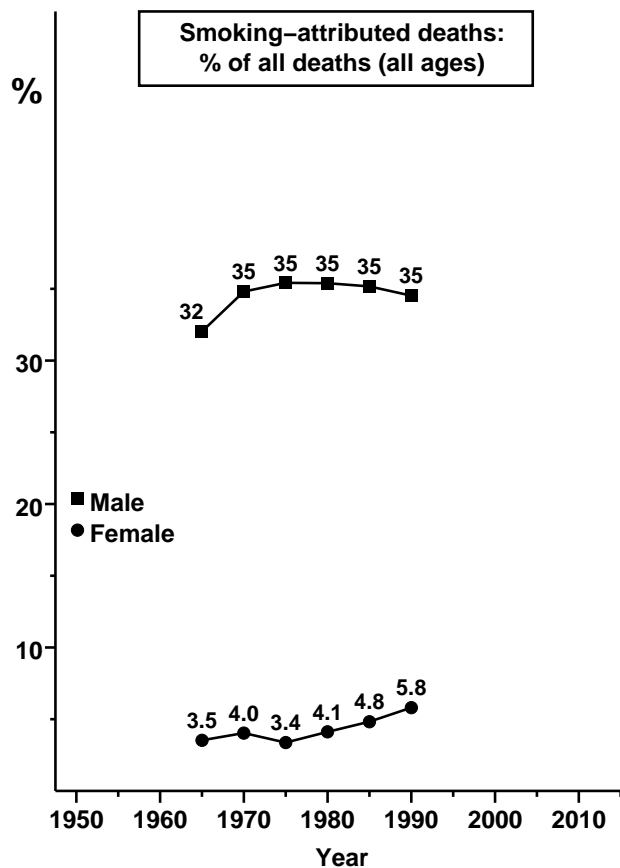
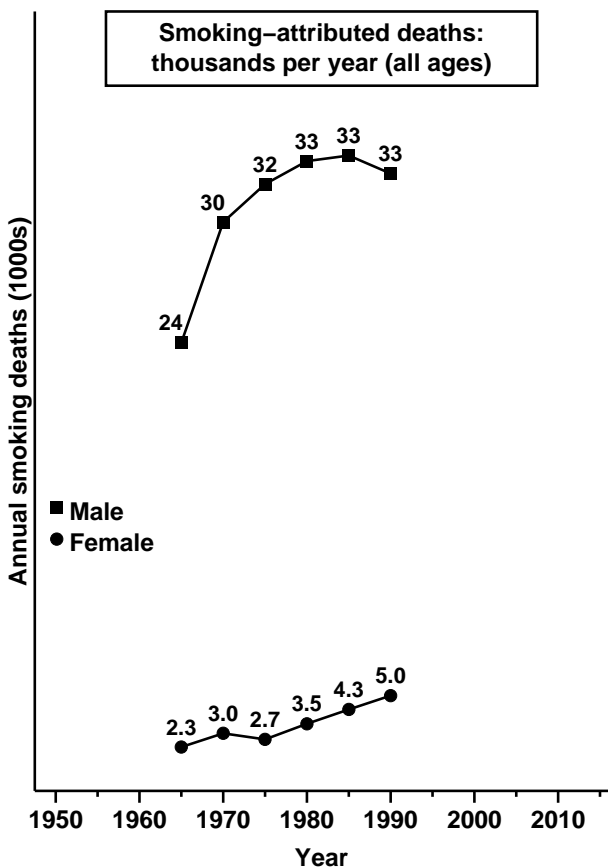
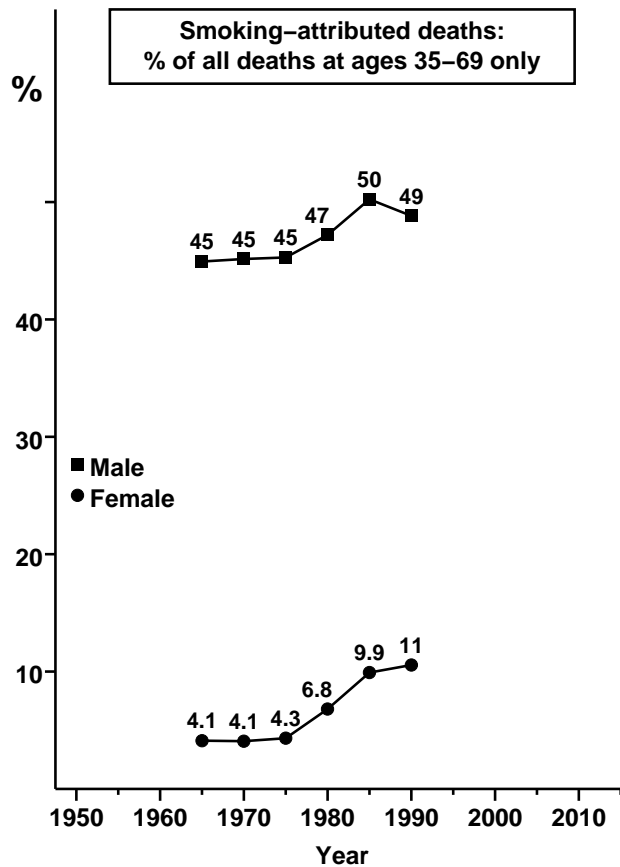
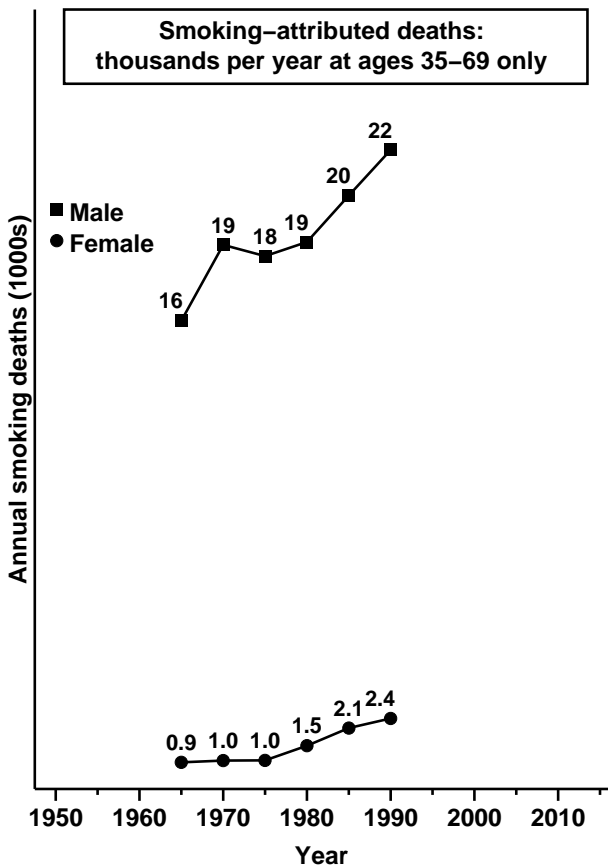
30-year total (thousands), decade of 1960s to decade of 1980s (1960-1990\*): 983 / 4938

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

**1960-1990, by age & sex:**

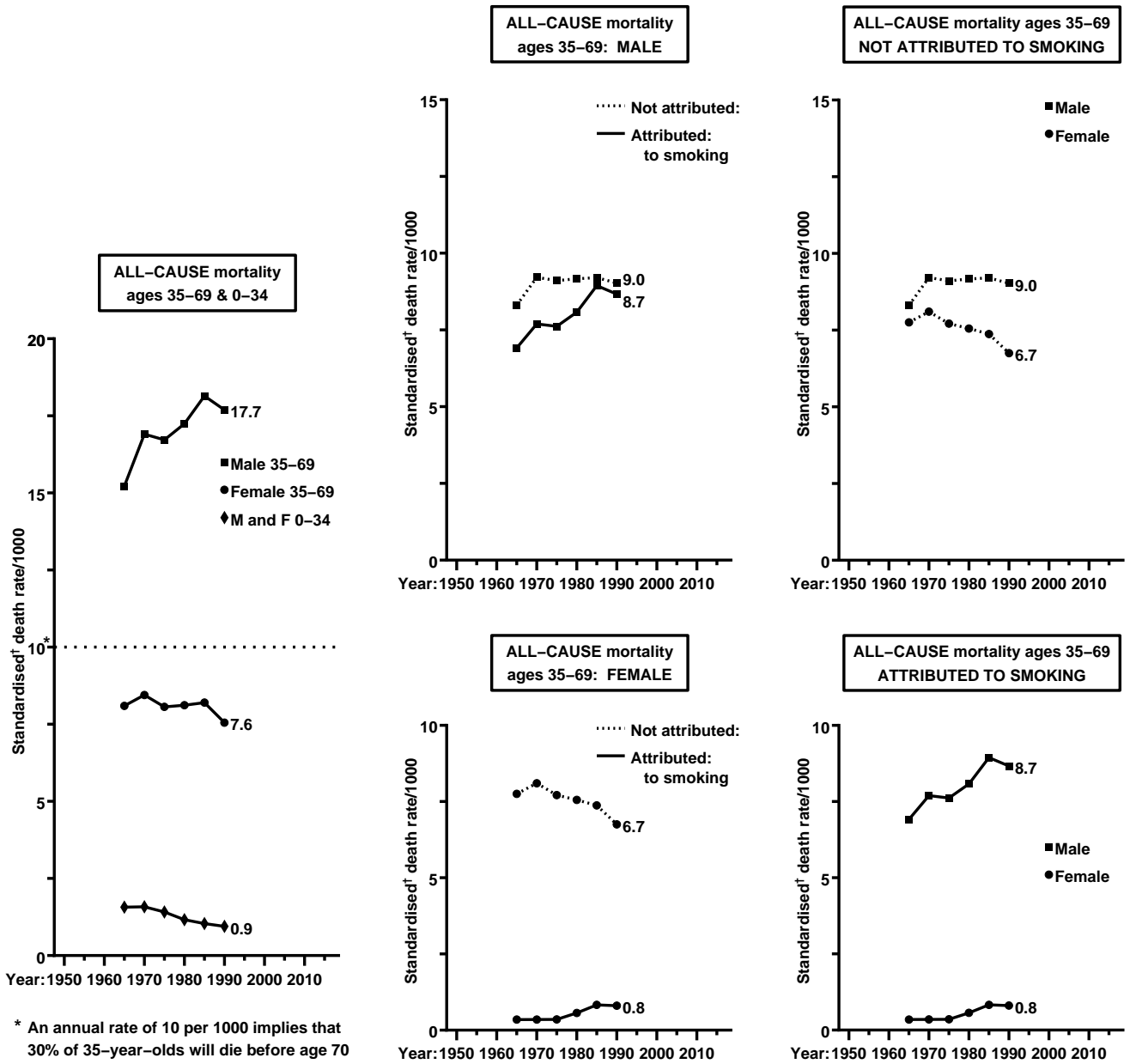
-/209	543/1159 <b>(47%)</b>	347/1223 <b>(28%)</b>	890/2591	-/114	40/656 <b>(6%)</b>	54/1577 <b>(3%)</b>	93/2347
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1965-1990: Former CZECHOSLOVAKIA



**Former CZECHOSLOVAKIA: 1965-1990**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

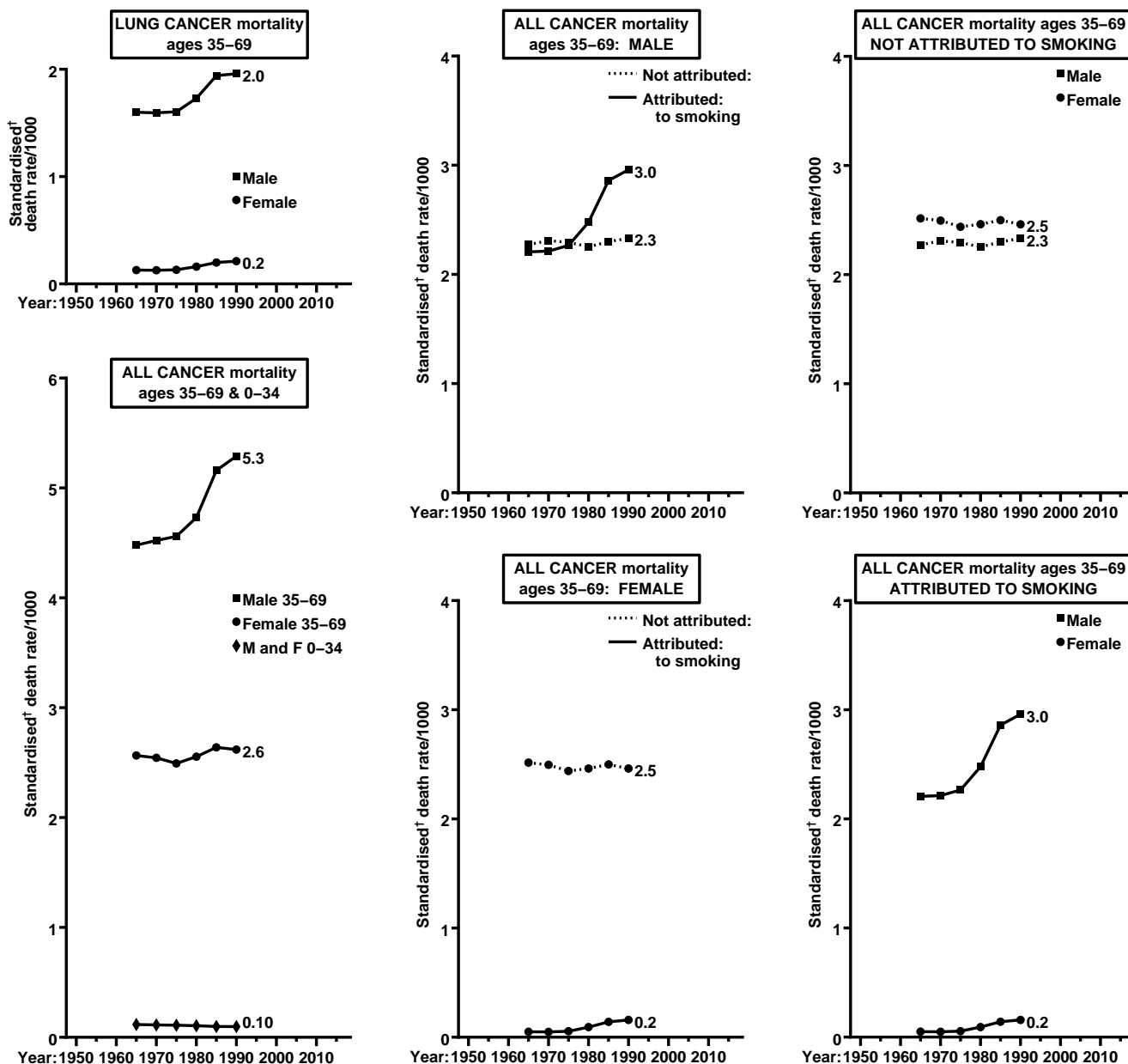
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.99	6.91	8.31	22.3	60.0	-	1.14	0.34	7.75	2.36	56.6				
1970	-	2.05	7.69	9.21	29.6	62.4	-	1.11	0.35	8.10	2.79	58.5				
1975	-	1.81	7.61	9.10	30.7	60.2	-	1.01	0.35	7.71	1.94	56.1				
1980	-	1.51	8.08	9.16	28.4	61.1	-	0.81	0.56	7.55	2.14	54.8				
1985	-	1.35	8.94	9.20	24.6	62.5	-	0.72	0.83	7.37	2.20	53.0				
1990	-	1.24	8.66	9.03	23.8	61.4	-	0.65	0.80	6.75	3.04	49.4				
1995	...	...	...	...	...	...	...	...	...	...	...	...				
2000	...	...	...	...	...	...	...	...	...	...	...	...				
2005	...	...	...	...	...	...	...	...	...	...	...	...				
2010	...	...	...	...	...	...	...	...	...	...	...	...				
2015	...	...	...	...	...	...	...	...	...	...	...	...				

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



1965-1990: Former CZECHOSLOVAKIA

ALL CANCER mortality rates attributed and not attributed to smoking



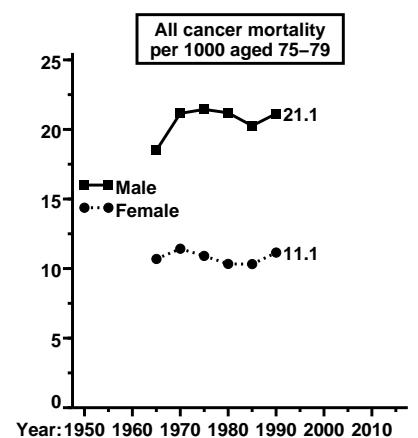
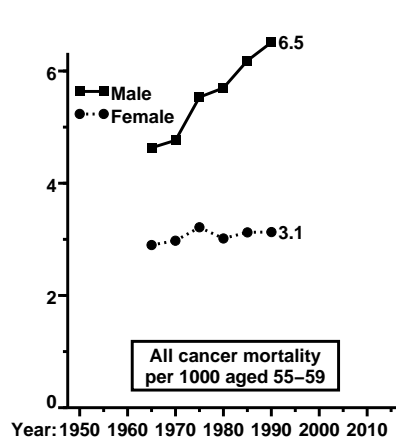
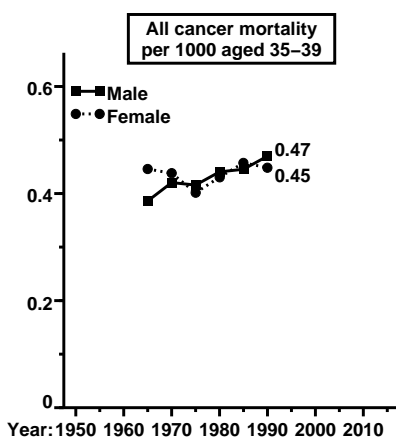
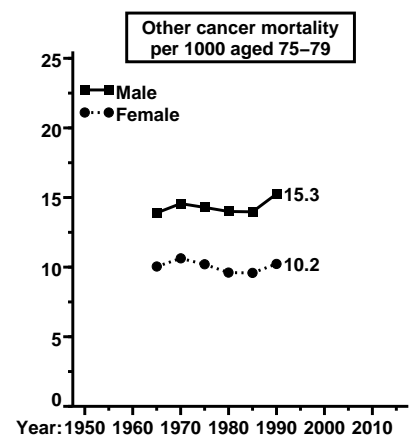
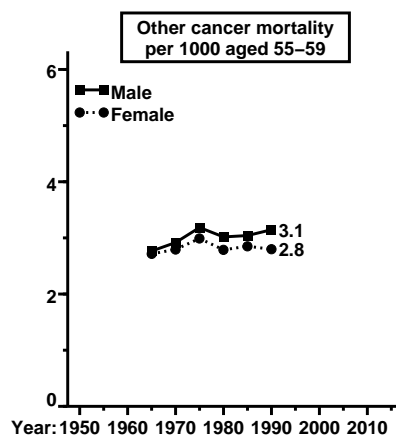
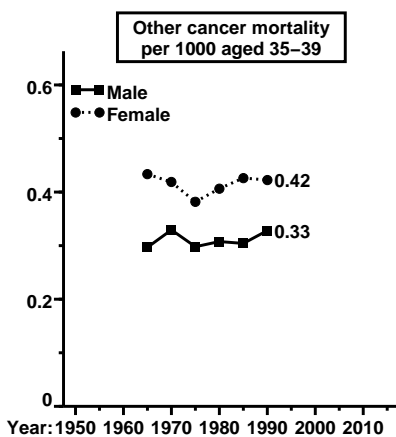
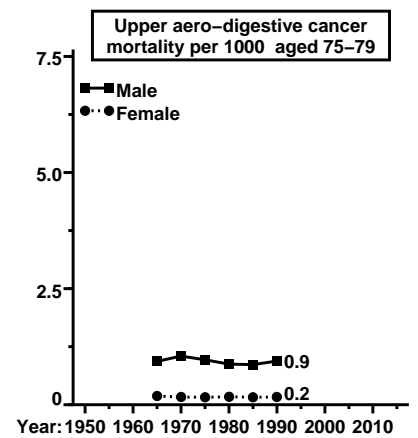
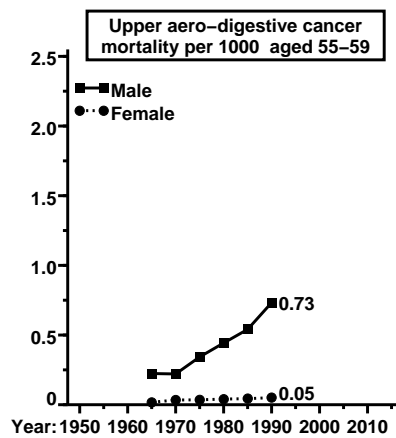
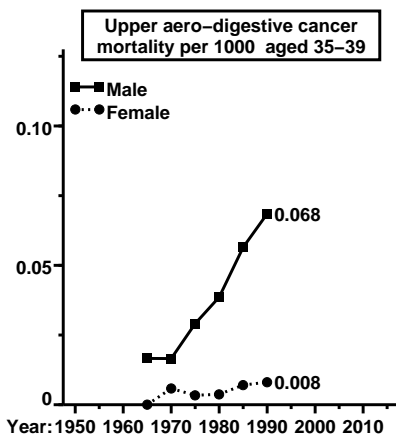
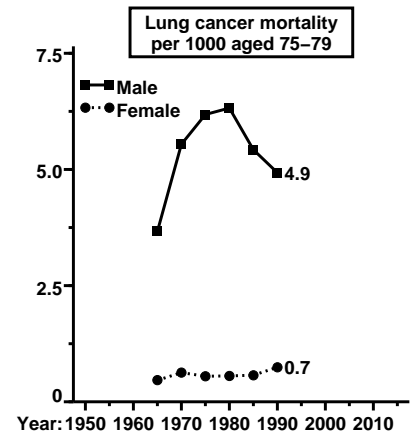
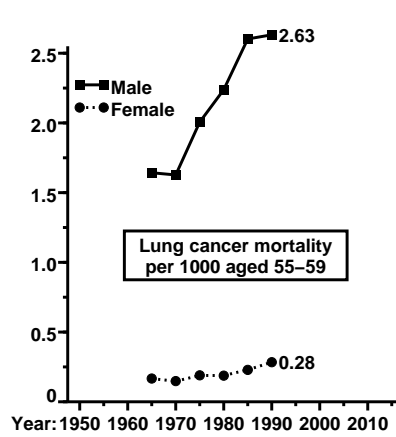
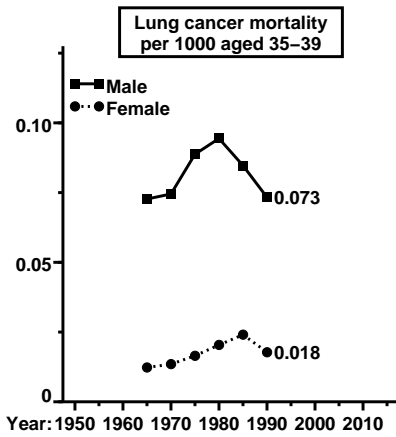
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.13	2.21	2.27	6.11	11.7	-	0.11	0.05	2.51	0.27	9.62	-	0.10	0.31	9.61
1970	-	0.12	2.21	2.31	7.77	11.6	-	0.10	0.05	2.49	0.22	9.20	-	0.09	0.27	8.82
1975	-	0.12	2.26	2.29	8.28	11.2	-	0.09	0.09	2.46	0.30	8.83	-	0.09	0.14	2.50
1980	-	0.11	2.86	2.30	6.94	11.2	-	0.09	0.16	2.46	0.46	9.27	-	0.09	0.16	2.46
1985	-	0.11	2.96	2.33	7.22	12.2	-	0.09	0.16	2.46	0.46	9.27	-	0.09	0.16	2.46
1990	-	0.11	2.96	2.33	7.22	12.2	-	0.09	0.16	2.46	0.46	9.27	-	0.09	0.16	2.46
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

**Former CZECHOSLOVAKIA: 1965-1990**

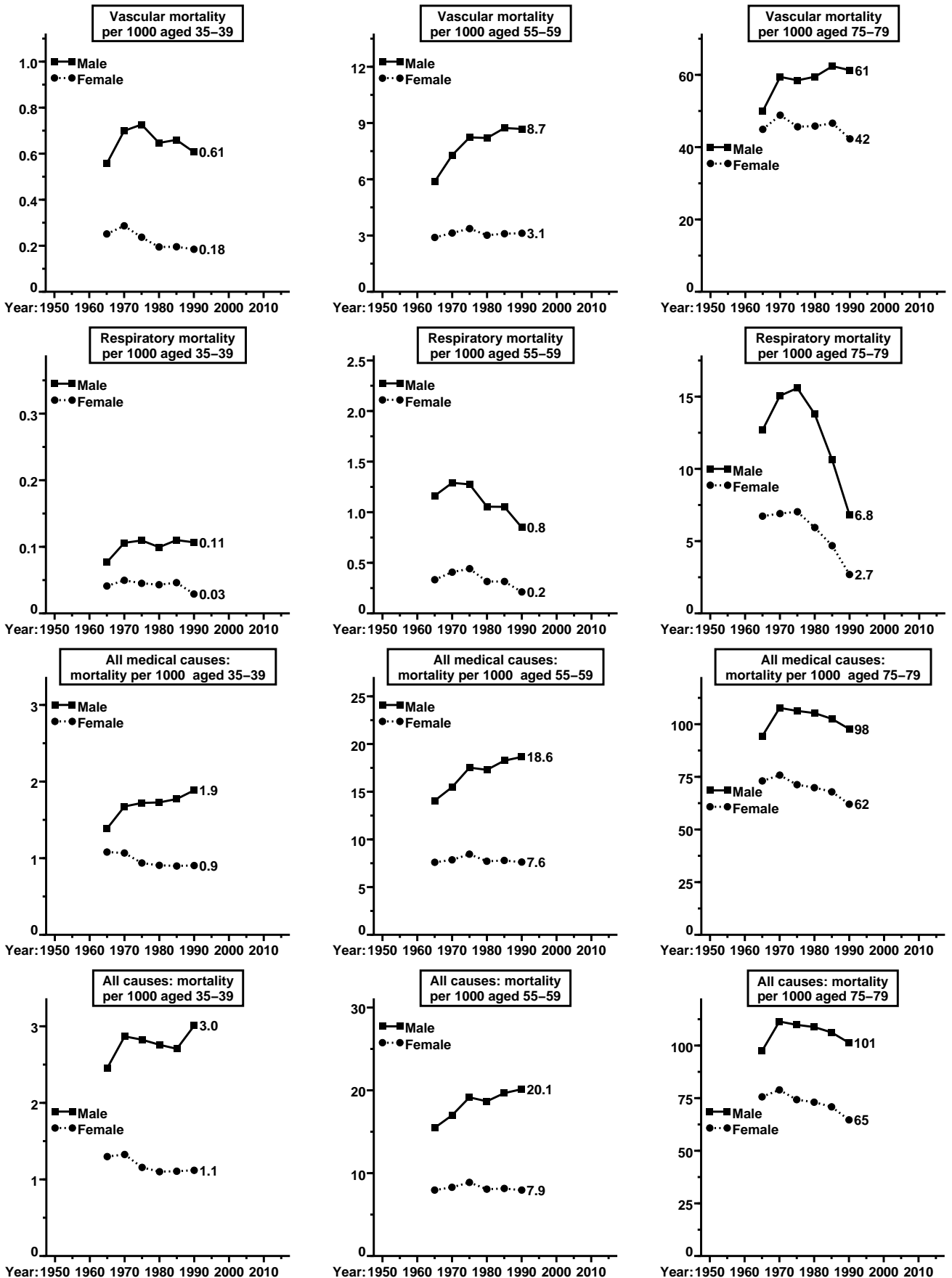
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968–1972,.....,1983–1987

**1965-1990: Former CZECHOSLOVAKIA**

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



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968-1972,.....,1983-1987

**Former USSR: 1990**

		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
<b>ALL CAUSES</b>	M	1462389	214760	787317	1571.5	254.6	1941.5	627.9	68.4	58.5	134.0	225.8	289.3	378.1
	F	1522769	105756	444506	855.5	125.6	814.5	488.2	39.7	30.7	59.6	72.7	80.3	107.8
<b>Tuberculosis</b>	M	18569	2542	14546	16.9	3.1	30.9	0.5	0.1	0.1	0.4	2.3	6.3	12.1
	F	3979	754	2284	2.6	0.9	4.0	0.5	0.1	0.1	0.4	1.4	2.0	2.2
<b>Other infective and parasitic</b>	M	13716	11822	1622	9.1	13.0	3.6	81.0	2.3	1.6	1.7	1.5	1.4	1.4
	F	11725	9821	1342	7.5	11.3	2.4	69.0	1.7	1.1	1.2	2.3	1.9	1.6
<b>ALL CANCER</b>	M	267064	8983	195257	285.0	10.9	497.0	8.9	7.5	5.8	8.7	10.5	13.7	21.3
	F	213257	7888	123418	133.7	9.7	223.0	7.3	5.4	4.7	6.1	7.8	12.9	24.0
<b>Mouth and pharynx cancer</b>	M	10712	181	9047	10.8	0.2	21.5	0.1	0.1	0.1	0.2	0.3	0.3	0.5
	F	2325	99	1160	1.4	0.1	2.1	0.1	0.1	0.0	0.1	0.2	0.2	0.3
<b>Oesophagus cancer</b>	M	11496	47	8798	12.4	0.1	22.3	0.0	0.0	-	0.1	0.1	0.0	0.2
	F	5502	43	2554	3.2	0.1	4.7	0.0	0.0	-	0.0	0.0	0.1	0.2
<b>Stomach cancer</b>	M	48133	639	34999	52.3	0.8	89.0	0.0	0.0	0.0	0.2	0.7	1.3	3.3
	F	37548	629	19484	22.9	0.8	35.5	0.0	-	0.1	0.2	0.6	1.4	3.1
<b>Colorectal cancer</b>	M	20126	440	12608	23.1	0.5	33.8	0.3	0.0	0.1	0.2	0.4	1.0	1.7
	F	26932	322	13864	16.3	0.4	25.4	0.2	0.0	0.0	0.1	0.2	0.6	1.6
<b>Liver cancer</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Pancreas cancer</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Larynx cancer</b>	M	9694	40	8202	9.9	0.1	19.9	0.0	-	0.0	0.0	0.0	0.1	0.2
	F	584	10	354	0.4	0.0	0.7	0.0	-	-	0.0	0.0	0.0	0.0
<b>Lung cancer</b>	M	86345	474	68955	91.0	0.6	176.5	0.1	0.0	0.1	0.2	0.5	0.8	2.4
	F	16690	230	9402	10.3	0.3	17.2	0.1	0.0	0.0	0.2	0.2	0.6	0.9
<b>Malignant melanoma</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Female breast cancer</b>	F	28270	705	20517	19.0	0.9	36.3	0.0	0.0	0.0	0.0	0.2	1.2	4.5
<b>Cervix cancer</b>	F	11158	364	6936	7.2	0.4	12.5	-	-	-	0.0	0.2	0.7	2.2
<b>Other uterine cancer</b>	F	10156	166	6299	6.4	0.2	11.4	0.0	0.0	0.0	0.1	0.2	0.4	0.7
<b>Ovarian cancer</b>	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Prostate cancer</b>	M	8037	39	3628	10.2	0.1	10.9	0.0	-	-	0.0	0.1	0.1	0.1
<b>Bladder cancer</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Other and ill-defined cancer sites</b>	M	58591	3678	40820	62.1	4.5	103.0	4.0	2.8	2.2	3.4	4.5	5.9	8.6
	F	62276	2941	36379	39.1	3.6	65.6	3.4	2.1	2.1	2.8	3.0	4.8	7.2
<b>Hodgkin's disease</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Myeloma and all lymphomas</b>	M	6861	1445	4375	6.5	1.8	10.5	1.2	1.4	1.2	1.8	2.1	2.3	2.3
	F	5240	870	2985	3.4	1.1	5.4	1.0	0.7	0.6	1.0	1.6	1.3	1.5
<b>Leukaemia</b>	M	7069	2000	3825	6.7	2.4	9.5	2.9	3.1	2.2	2.5	1.9	2.1	2.1
	F	6576	1509	3484	4.2	1.9	6.2	2.4	2.4	1.8	1.7	1.4	1.5	1.9
<b>Diabetes</b>	M	6020	480	4174	6.3	0.6	10.7	0.1	0.1	0.2	0.3	0.5	1.1	1.8
	F	12183	539	6870	7.5	0.7	12.6	0.1	0.1	0.2	0.7	1.0	1.2	1.4
<b>ALL VASCULAR DISEASE</b>	M	634580	10805	323956	775.1	13.2	850.1	4.2	1.0	1.4	6.0	10.5	21.4	48.0
	F	944105	4615	211120	504.9	5.8	395.7	3.7	0.9	1.2	4.1	6.8	9.3	14.3
<b>Rheumatic heart disease and fever</b>	M	8390	1017	6875	7.6	1.3	15.0	0.2	0.1	0.3	0.9	1.3	2.5	3.4
	F	12430	894	9936	8.6	1.1	17.5	0.1	0.2	0.3	1.0	1.3	2.0	2.9
<b>Hypertensive disease</b>	M	9284	225	6460	10.2	0.3	16.0	0.1	0.0	0.1	0.1	0.2	0.4	0.9
	F	13215	112	6292	7.9	0.1	11.4	0.1	0.1	0.0	0.1	0.2	0.2	0.4
<b>Ischaemic heart disease</b>	M	364444	4491	195192	441.1	5.5	506.5	0.0	0.0	0.1	0.9	2.7	8.0	26.5
	F	460417	925	96285	244.3	1.1	182.0	0.1	0.0	0.1	0.5	1.2	2.0	4.2
<b>Pulmonary embolism and other venous</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Cerebrovascular disease</b>	M	189312	2026	87470	238.6	2.5	241.2	0.8	0.2	0.3	1.4	2.5	4.3	8.0
	F	354039	1153	81992	189.9	1.4	153.9	0.7	0.3	0.3	1.0	2.0	2.4	3.5
<b>Other vascular disease, incl. venous</b>	M	63150	3046	27959	77.7	3.7	71.4	3.1	0.6	0.6	2.6	3.8	6.1	9.2
	F	104004	1531	16615	54.2	1.9	30.8	2.7	0.4	0.5	1.5	2.1	2.7	3.4
<b>Chronic obstructive pulmonary disease</b>	M	57896	638	29931	71.1	0.8	83.7	0.4	0.2	0.3	0.7	0.7	1.1	1.9
	F	40731	561	11715	22.5	0.7	21.8	0.4	0.2	0.2	0.5	0.9	1.2	1.6
<b>Other respiratory disease</b>	M	58657	26577	19908	53.6	29.2	50.4	182.7	4.6	2.3	2.9	3.3	3.2	5.3
	F	43303	21157	7377	25.8	24.1	13.5	153.1	4.2	2.3	2.2	2.4	2.5	2.1
<b>Peptic ulcer</b>	M	7365	332	5370	7.7	0.4	13.1	0.0	0.0	0.0	0.2	0.4	0.8	1.5
	F	3157	79	1463	1.9	0.1	2.7	0.0	0.0	0.0	0.1	0.1	0.2	0.3
<b>Liver cirrhosis &amp; some other digestive</b>	M	21819	1239	16693	22.3	1.5	40.5	1.4	0.5	0.7	1.0	1.2	1.9	3.9
	F	17446	813	10668	11.1	1.0	19.2	1.0	0.3	0.5	0.8	1.3	1.2	2.0
<b>Renal disease</b>	M	11079	1763	6784	11.2	2.2	16.0	1.4	0.7	0.7	1.5	3.2	3.6	4.2
	F	12272	1402	7485	7.9	1.8	13.4	1.2	0.5	0.7	1.5	2.4	2.5	3.5
<b>Pregnancy, birth</b>	F	1973	1399	564	1.3	1.8	0.8	-	-	-	1.3	4.0	3.2	4.1
<b>Congenital and perinatal causes</b>	M	33662	33122	506	20.6	36.1	1.0	242.2	3.0	1.9	1.8	1.4	1.2	1.0
	F	23472	22883	539	14.9	26.0	0.9	172.8	2.8	1.7	1.5	1.4	0.9	0.9
<b>Ill-defined causes</b>	M	37083	4017	8640	48.7	4.7	18.9	13.6	0.7	0.7	2.0	3.7	5.2	7.2
	F	76641	2236	3340	37.6	2.6	6.0	11.2	0.6	0.4	1.2	1.6	1.6	1.9
<b>Other medical causes</b>	M	45239	10682	24319	44.5	12.6	57.0	29.3	7.8	6.4	8.9	9.6	10.7	15.8
	F	42192	7837	19531	26.3	9.5	34.9	22.3	6.2	5.0	6.6	8.1	8.3	10.2
<b>ALL NON- MEDICAL CAUSES</b>	M	249640	101758	135611	199.6	126.2	268.6	62.2	39.8	36.3	97.8	177.2	217.8	252.6
	F	76333	23772	36790	50.1	29.5	63.6	45.6	16.7	12.4	31.4	31.2	31.2	37.7
<b>Road traffic accidents</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Fire</b>	M	5110	2117	2540	4.2	2.5	5.3	5.8	1.2	0.9	1.2	2.1	2.6	3.6
	F	3169	1203	1001	2.0	1.4	1.8	4.5	1.2	0.6	0.8	0.9	1.0	0.9
<b>Suicide</b>	M	46902	15282	28179	39.4	19.2	57.0	-	0.2	3.8	17.0	26.1	38.9	48.3
	F	13886	2846	7722	9.2	3.7	13.4	-	0.0	0.9	6.0	6.4	5.7	6.8
<b>POPULATION: (1000s; UN, 2015 revision)</b>														
	M=				136154	82295	49315	13175	12758	11610	11033	10154	11591	11974
	F=				151934	80342	58763	12640	12369	11316	10647	9902	11536	11932

## 1990: Former USSR

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			
497.0	703.8	1070.5	1522.0	2189.5	3202.7	4405.2	6427.6	9426.1	16296.9	M	ALL CAUSES	001-999/A00-Y89
154.2	235.8	377.7	546.8	863.1	1357.5	2166.8	3665.9	6062.6	12978.1	F		
19.0	23.5	32.1	34.9	36.3	36.2	34.3	35.1	30.1	32.4	M	Tuberculosis	010-018/A15-A19
3.2	2.6	3.2	3.9	4.5	4.7	5.6	7.4	7.1	7.6	F		
2.0	2.5	2.9	3.5	4.1	4.9	5.3	4.5	6.2	7.9	M	Other infective	Rest of 001-139,279.5&.6/
1.1	1.6	2.1	1.9	2.7	3.4	3.9	3.7	4.3	5.1	F	and parasitic	rest of A00-B99 excl A33,A34
42.0	94.9	213.5	387.3	637.6	938.2	1165.7	1405.4	1491.8	1207.3	M	ALL CANCER	140-208/C00-C97
44.1	78.2	128.1	183.3	258.8	374.6	493.9	624.5	693.2	595.5	F		
2.3	7.1	15.4	23.1	28.9	36.0	37.9	34.5	33.3	29.2	M	Mouth and	140-149/C00-C14
0.4	0.7	1.2	1.4	2.5	3.5	5.1	5.7	8.3	10.8	F	pharynx cancer	
0.6	3.3	10.8	18.9	30.4	42.2	50.1	55.6	59.6	60.5	M	Oesophagus cancer	150/C15
0.2	0.6	1.9	3.0	5.5	9.2	12.5	18.0	23.0	26.9	F		
8.2	18.4	37.6	68.6	114.8	166.4	209.1	269.0	307.8	240.5	M	Stomach cancer	151/C16
6.2	10.7	16.6	24.7	37.9	62.7	89.7	128.3	155.3	122.9	F		
2.7	5.4	11.0	21.1	36.3	63.4	96.9	139.5	175.3	153.4	M	Colorectal cancer	153, 154/C18-C21
3.1	5.9	10.8	18.4	28.6	44.8	65.8	88.7	109.5	99.0	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Pancreas cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
1.4	4.9	11.1	19.6	28.5	36.4	37.5	38.3	31.1	24.1	M	Larynx cancer	161/C32
0.1	0.2	0.3	0.5	0.9	1.0	1.5	2.0	1.4	1.8	F		
7.2	22.5	66.5	136.0	240.4	353.8	409.1	444.3	397.5	237.2	M	Lung cancer	162/C33, C34
1.7	3.5	7.1	11.4	20.0	31.8	45.1	58.3	61.2	45.3	F		
...	...	...	...	...	...	...	...	...	...	M	Malignant melanoma	Not given
...	...	...	...	...	...	...	...	...	...	F		separately
10.6	21.0	33.0	41.0	43.7	50.9	53.9	56.2	54.9	53.8	F	Female breast cancer	174/C50
4.0	6.3	8.5	10.4	13.4	18.7	26.0	32.4	33.1	24.6	F	Cervix cancer	180/C53
1.6	3.1	5.8	9.0	14.4	20.2	25.9	30.3	31.4	24.6	F	Other uterine cancer	179, 182/C54, C55
...	...	...	...	...	...	...	...	...	...	F	Ovarian cancer	Not given separately
0.2	0.3	1.3	3.3	9.3	21.3	40.4	70.4	106.9	118.6	M	Prostate cancer	185/C61
...	...	...	...	...	...	...	...	...	...	M	Bladder cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
14.4	25.6	49.7	79.8	125.1	185.5	240.9	298.0	328.9	302.9	M	Other and ill-defined	Rest of 140-199/
12.0	21.3	35.9	54.4	79.2	113.3	143.4	177.4	189.7	169.1	F	cancer sites	rest of C00-C80, C97
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.7	4.2	5.4	9.5	12.4	17.9	21.4	27.3	22.0	17.9	M	Myeloma and all	200-203 incl 201/
1.9	2.1	2.9	4.4	6.1	8.3	11.9	12.6	11.4	8.4	F	lymphomas	C81-C90, C96
2.4	3.1	4.6	7.3	11.4	15.3	22.5	28.5	29.3	23.2	M	Leukaemia	204-208/C91-C95
2.3	2.8	4.2	4.8	6.3	10.2	13.1	14.6	14.0	8.4	F		
2.1	3.4	4.1	7.2	11.7	18.9	27.6	28.4	34.4	26.9	M	Diabetes	250/E10-E14
1.4	1.8	3.8	7.0	14.9	24.4	35.2	42.7	41.8	27.1	F		
102.6	202.1	359.2	571.9	902.9	1501.0	2311.3	3776.1	6068.0	11290.2	M	ALL VASCULAR	390-459/I00-I99
25.5	53.8	109.5	194.9	381.9	705.0	1299.2	2496.4	4476.1	10030.0	F	DISEASE	
6.1	8.8	14.0	17.9	22.2	18.5	17.6	14.7	9.0	8.3	M	Rheumatic heart	390-398/I00-I09
4.7	7.0	14.3	20.7	26.3	25.5	24.2	16.3	12.7	8.6	F	disease and fever	
2.2	4.6	8.3	13.2	21.2	28.4	33.9	41.4	53.8	84.0	M	Hypertensive disease	401-405/I10-I15
0.9	2.5	5.1	9.4	15.3	19.9	27.1	39.6	46.6	73.0	F		
62.6	130.1	230.2	363.5	548.5	880.6	1330.3	2098.0	3309.1	6205.1	M	Ischaemic heart	410-414/I20-I25
7.6	18.4	37.9	71.9	162.6	330.9	645.0	1254.0	2228.8	4996.0	F	disease	
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism	Not given
...	...	...	...	...	...	...	...	...	...	F	and other venous	separately
15.9	34.3	69.5	126.9	240.7	457.3	744.0	1279.2	2072.6	3659.1	M	Cerebrovascular	430-438/I60-I69
7.1	17.4	39.3	74.2	149.6	278.9	510.6	971.5	1724.6	3625.7	F	disease	
15.8	24.4	37.3	50.3	70.3	116.2	185.5	342.9	623.5	1333.7	M	Other vascular	Rest of 390-459/
5.1	8.6	13.0	18.6	28.1	49.8	92.3	215.1	463.4	1326.7	F	disease, incl. venous	rest of I00-I99
3.4	6.6	19.1	40.4	92.5	161.5	262.3	397.8	609.7	879.2	M	Chronic obstructive	490-493/J40-J46
2.2	3.6	6.9	11.8	22.8	37.6	68.0	118.3	194.4	351.2	F	pulmonary disease	
7.9	14.3	26.4	38.3	60.0	85.0	120.7	178.6	256.3	409.5	M	Other respiratory	Rest of 460-519/
3.0	3.8	6.2	9.0	15.4	21.9	35.3	59.5	96.1	189.2	F	disease	rest of J00-J98
3.0	4.7	7.9	11.2	15.3	21.7	28.1	32.1	40.2	38.3	M	Peptic ulcer	531-533/K25-K27
0.3	0.7	1.3	2.0	2.9	4.3	7.4	9.8	13.2	14.7	F		
7.5	15.7	26.8	36.1	47.8	67.5	81.9	86.3	84.3	86.0	M	Liver cirrhosis &	570-3, 575.2-579.9/
3.8	6.0	11.1	16.5	25.9	31.6	39.8	42.7	47.2	49.5	F	some other digestive	K70-K77, K82-K92
5.6	7.5	10.7	14.6	18.5	24.1	31.0	42.4	57.6	72.2	M	Renal disease	580-590/N00-N19
4.4	5.9	8.9	11.4	16.0	21.2	25.8	27.0	27.8	24.3	F		
3.7	1.7	0.2	0.0	-	-	-	-	-	0.2	F	Pregnancy, birth	630-676/A34,000-099
0.8	1.2	0.8	1.3	1.3	0.8	0.9	0.6	0.6	1.1	M	Congenital and	740-779/A33,
1.0	1.0	1.1	1.0	1.0	0.7	0.7	0.3	0.5	0.3	F	perinatal causes	P00-P96, Q00-Q99
9.8	13.3	17.8	20.7	21.6	23.1	26.1	78.6	284.9	1517.8	M	Ill-defined causes	780-799/R00-R99
2.2	3.2	4.0	4.9	6.2	8.1	13.5	57.5	229.8	1376.5	F		
22.2	30.2	42.9	49.5	62.7	82.1	109.7	154.2	231.8	317.6	M	Other medical causes	Rest of 001-799/
13.2	17.7	25.0	30.6	40.2	50.5	67.0	86.6	116.4	142.8	F		rest of A00-R99
269.2	284.1	306.4	305.3	277.3	237.8	200.4	207.6	230.2	410.6	M	ALL NON-	E800-E999/V01-Y89
45.2	54.2	66.3	68.6	70.0	69.7	71.6	89.4	114.9	164.0	F	MEDICAL CAUSES	
...	...	...	...	...	...	...	...	...	...	M	Road traffic	Not given
...	...	...	...	...	...	...	...	...	...	F	accidents	separately
4.1	4.7	5.7	5.7	5.5	5.8	5.6	6.5	9.2	15.8	M	Fire	E890-E899/X00-X09
1.2	1.3	1.6	1.3	2.1	2.1	2.9	4.2	7.1	11.1	F		
52.3	56.0	65.0	62.0	58.9	55.4	49.2	64.8	71.7	96.5	M	Suicide	E950-E959/X60-X84
7.9	9.8	13.2	14.4	14.0	17.1	17.8	22.0	25.3	30.1	F		
10682	8339	5733	8746	6257	6403	3155	1731	1593	1221	M	POPULATION	
10815	8625	6206	10033	7544	8976	6565	4128	4455	4246	F	(1000s; UN, 2015 revision)	

## Former USSR: 1990

## Relative importance of deaths in MIDDLE age (35–69) in the year 1990

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 221	– / 116	–
35–69	342 / 733	37 / 430	21 years
70+	103 / 457	42 / 960	8 years
All ages	445 / 1411	79 / 1505	18 years

## Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 1990

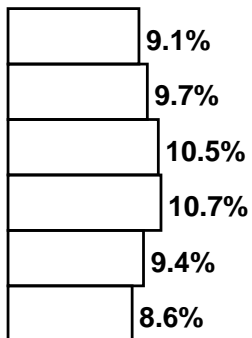
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.5	64/67	15/17	79/84	–/0.2	4.4/9.3	3.2/7.0	7.6/16
All Cancer	–/9.0	105/188 (56%)	23/63 (36%)	128/260	–/8.0	6.0/121 (5%)	4.5/81 (5%)	10/210
Vascular	–/10	175/301	56/308	231/620	–/4.8	24/204	27/754	51/963
Respiratory	–/32	34/47	21/41	55/120	–/26	4.7/19	9.5/46	14/91
All Other	–/169	28/197	2.9/45	31/411	–/77	2.5/87	1.1/78	3.5/242
All Causes	–/221	342/733 (47%)	103/457 (22%)	445/1411	–/116	37/430 (9%)	42/960 (4%)	79/1505

## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 1990

Cause	Male	Female	Male + Female
All Cancer	128 / 260 (49%)	10 / 210 (5%)	139 / 470 (30%)
All Causes	445 / 1411 (32%)	79 / 1505 (5%)	524 / 2916 (18%)

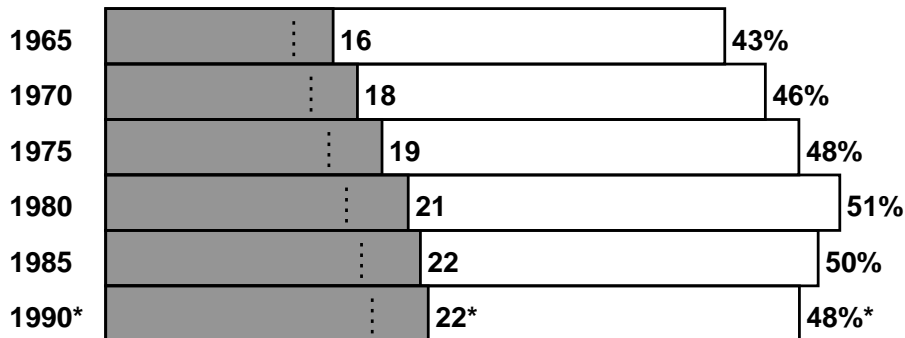
1965-1990: Former USSR

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)

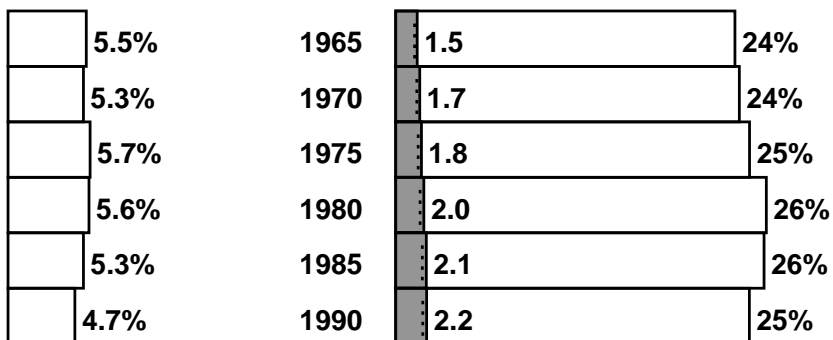
MALE



\*eg, at year 1990 male death rates, out of 100 men aged 35, 48 would die before age 70 (with 22 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



<b>Former USSR: 1965-1990</b>
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**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
1950	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...
1965	-/197	140/393 <b>(36%)</b>	40/261 <b>(15%)</b>	181/851	-/118	19/315 <b>(6%)</b>	6.0/449 <b>(1%)</b>	25/882
1970	-/202	176/480 <b>(37%)</b>	55/303 <b>(18%)</b>	231/985	-/108	24/351 <b>(7%)</b>	11/538 <b>(2%)</b>	35/997
1975	-/223	218/577 <b>(38%)</b>	72/357 <b>(20%)</b>	290/1158	-/122	28/390 <b>(7%)</b>	19/659 <b>(3%)</b>	47/1170
1980	-/248	268/668 <b>(40%)</b>	86/421 <b>(20%)</b>	354/1338	-/128	31/419 <b>(7%)</b>	22/786 <b>(3%)</b>	53/1332
1985	-/238	304/677 <b>(45%)</b>	97/468 <b>(21%)</b>	401/1383	-/129	33/413 <b>(8%)</b>	32/930 <b>(3%)</b>	65/1472
1990	-/221	342/733 <b>(47%)</b>	103/457 <b>(22%)</b>	445/1411	-/116	37/430 <b>(9%)</b>	42/960 <b>(4%)</b>	79/1505
1995	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...

30-year total (M=millions), decade of 1960s to decade of 1980s (1960-1990\*): 10 / 69M

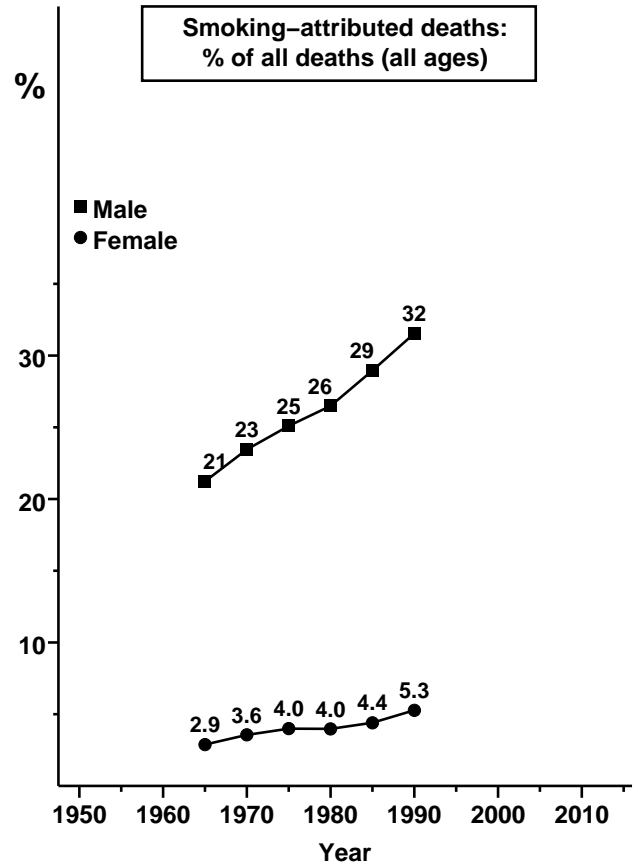
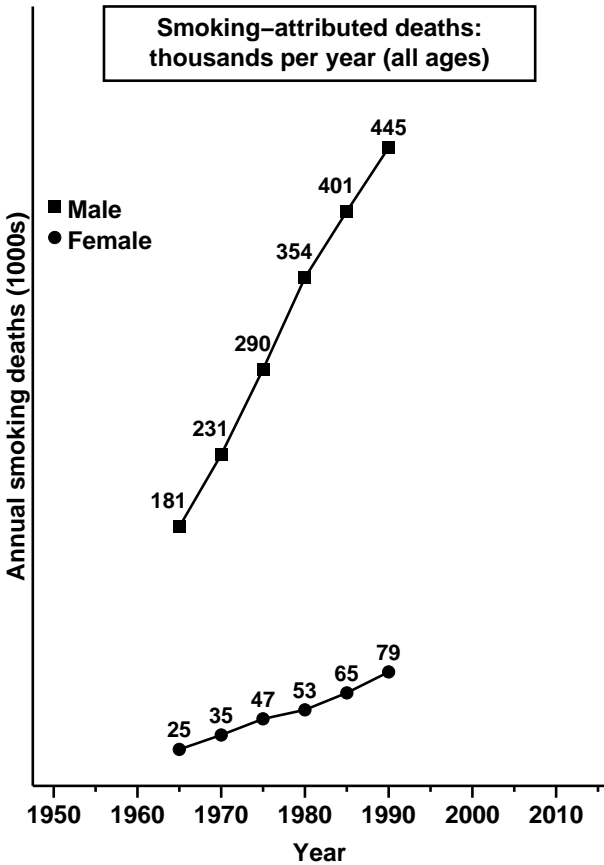
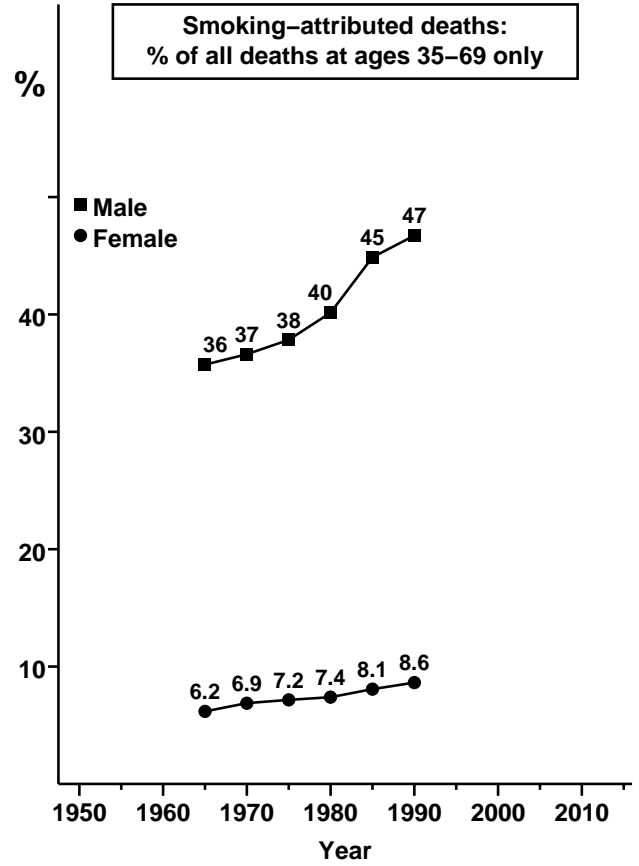
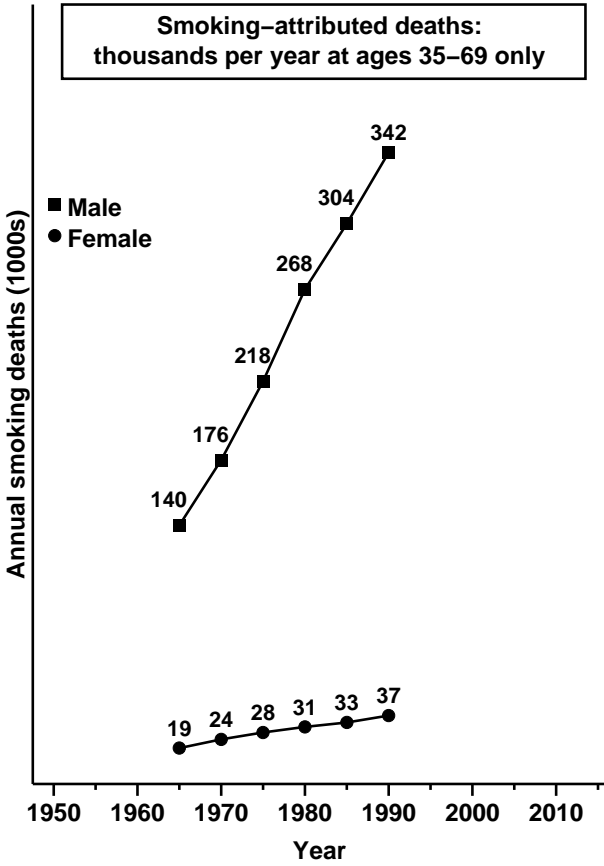
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

**1960-1990, by age & sex:**

-/6.6M	6.6/16M <b>(40%)</b>	2.1/11M <b>(19%)</b>	8.7/34M	-/3.7M	0.8/11M <b>(7%)</b>	0.6/20M <b>(3%)</b>	1.4/35M
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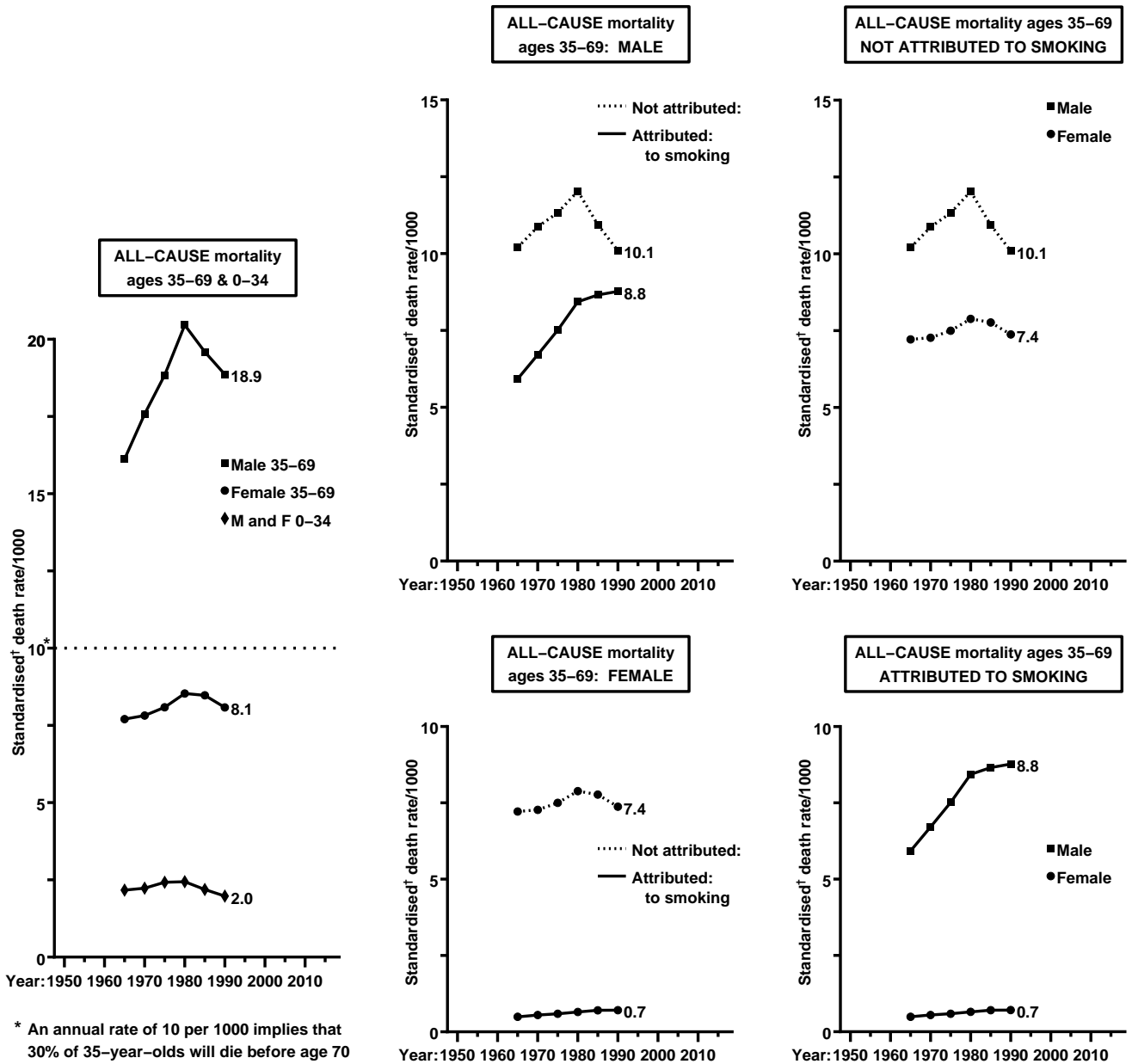


1965-1990: Former USSR



**Former USSR: 1965-1990**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

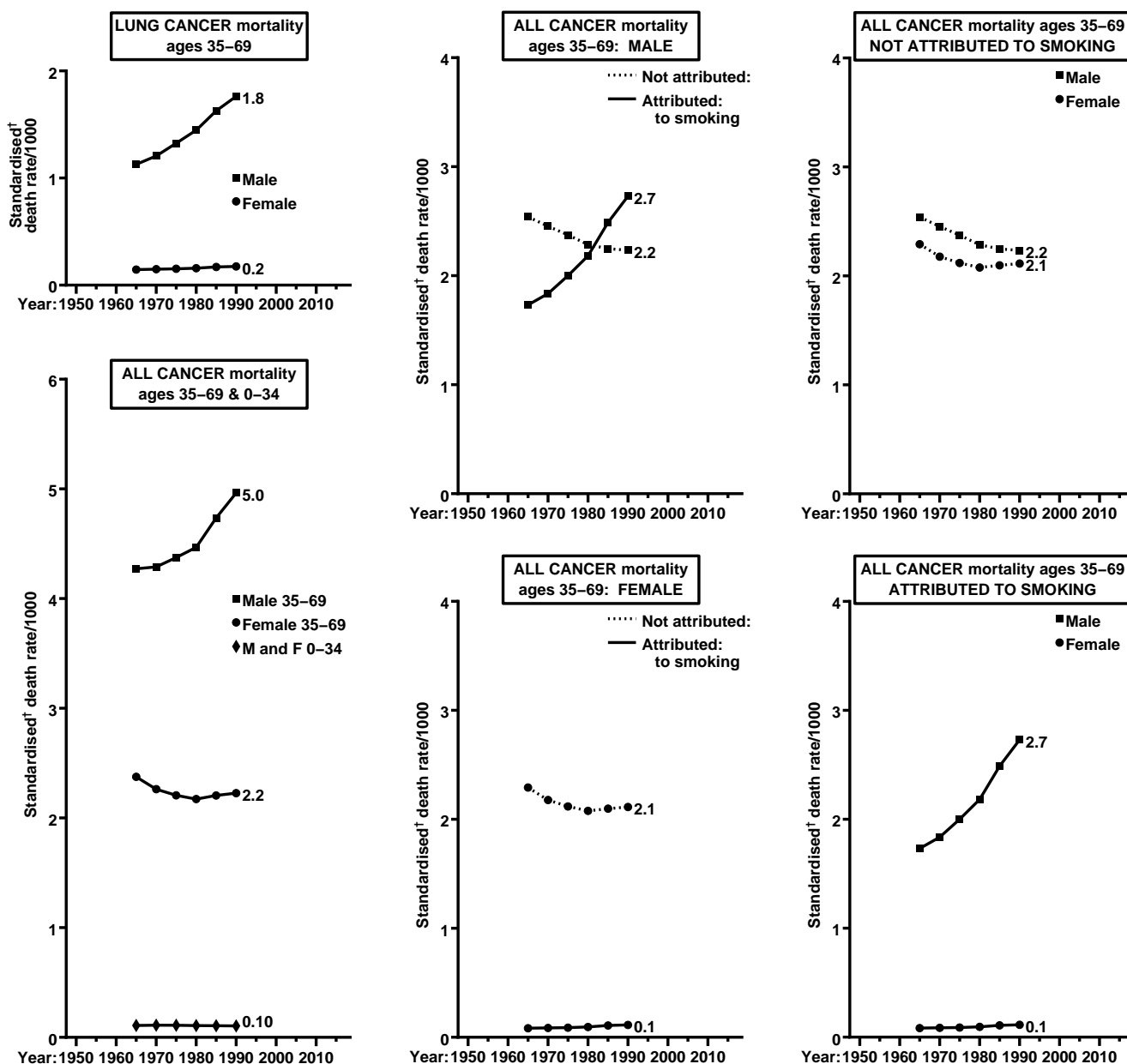


Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)						
	0-34		35-69		70-79			0-34		35-69		70-79		
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	2.73	5.92	10.2	11.7	55.3	-	1.60	0.49	7.21	0.93	45.7		
1970	-	2.92	6.71	10.9	14.8	58.5	-	1.54	0.55	7.27	1.38	48.3		
1975	-	3.16	7.51	11.3	17.0	60.9	-	1.68	0.59	7.50	1.68	49.2		
1980	-	3.22	8.43	12.0	17.7	62.7	-	1.66	0.65	7.88	1.69	48.2		
1985	-	2.83	8.65	10.9	18.2	62.3	-	1.54	0.70	7.77	2.05	47.9		
1990	-	2.58	8.77	10.1	20.3	57.9	-	1.36	0.71	7.37	2.79	45.9		
1995	...	...	...	...	...	...	...	...	...	...	...	...		
2000	...	...	...	...	...	...	...	...	...	...	...	...		
2005	...	...	...	...	...	...	...	...	...	...	...	...		
2010	...	...	...	...	...	...	...	...	...	...	...	...		
2015	...	...	...	...	...	...	...	...	...	...	...	...		

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

1965-1990: Former USSR

ALL CANCER mortality rates attributed and not attributed to smoking



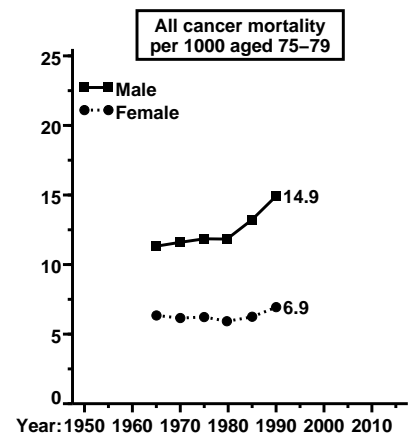
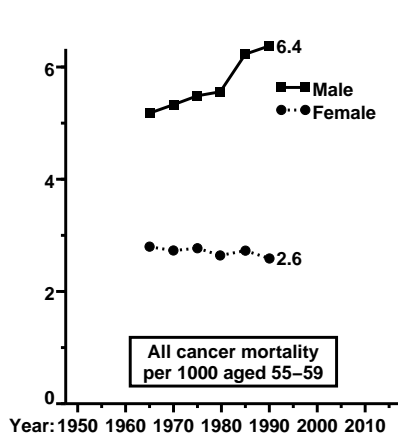
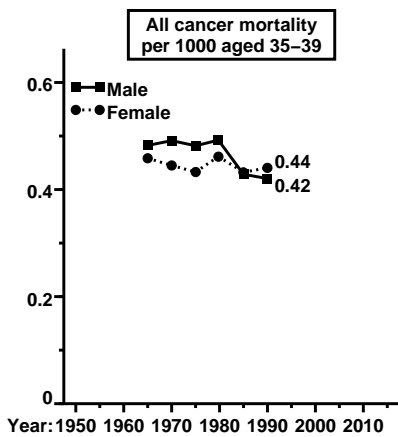
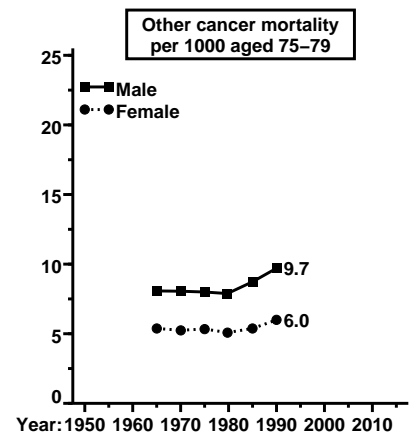
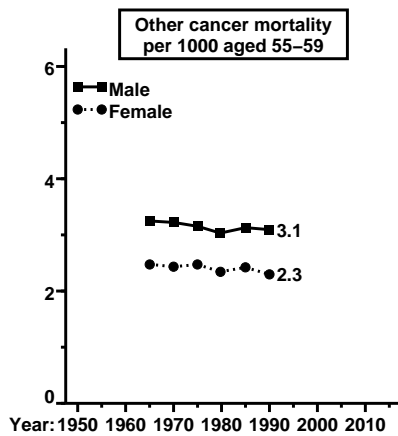
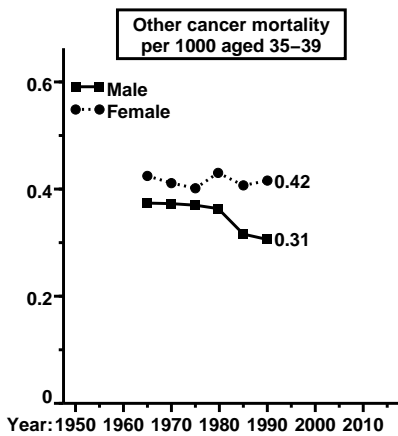
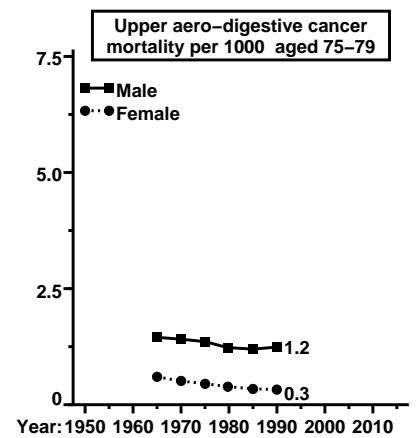
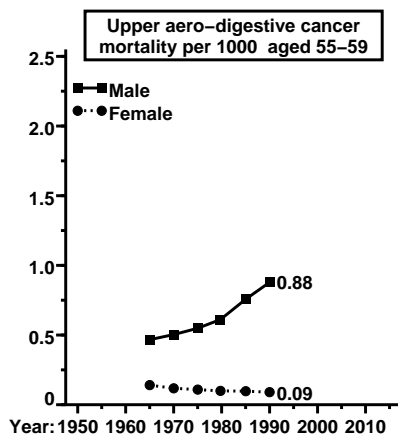
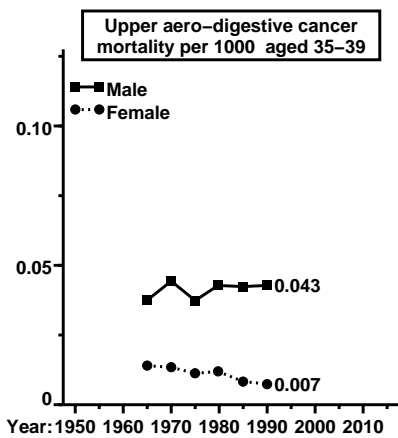
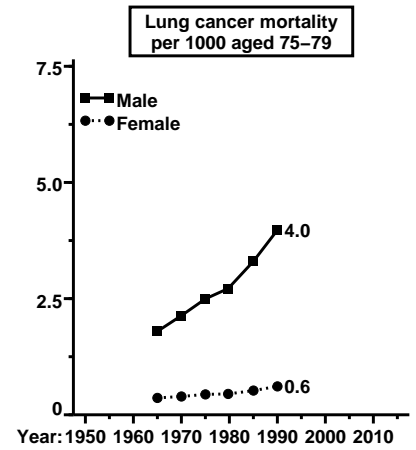
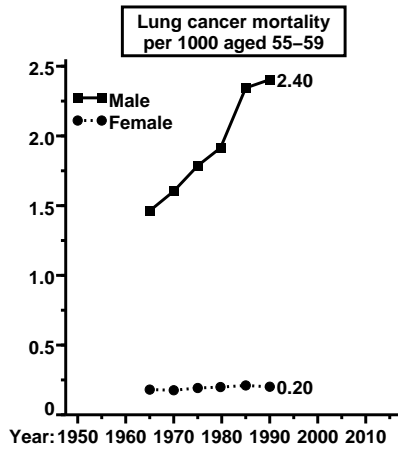
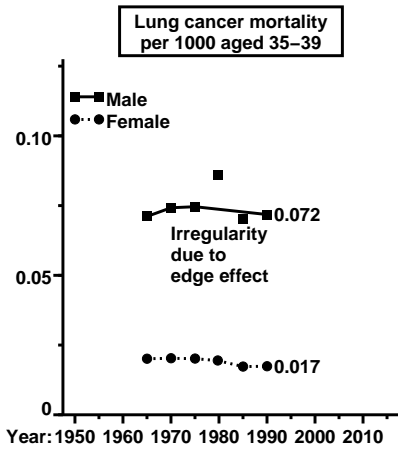
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11	1.73	2.54	2.84	8.87	-	0.10	0.08	2.29	0.11	6.07	-	0.10	0.09	2.18	0.14	5.91
1970	-	0.12	1.84	2.45	3.15	8.55	-	0.10	0.09	2.12	0.17	5.73	-	0.10	0.09	2.08	0.18	5.51
1975	-	0.11	2.49	2.25	4.62	8.48	-	0.10	0.11	2.10	0.27	5.76	-	0.10	0.11	2.11	0.38	6.15
1980	-	0.11	2.73	2.23	5.45	8.84	-	0.10	0.11	2.11	0.27	5.76	-	0.10	0.11	2.11	0.38	6.15
1985	-	0.11	2.73	2.23	5.45	8.84	-	0.10	0.11	2.11	0.27	5.76	-	0.10	0.11	2.11	0.38	6.15
1990	-	0.11	2.73	2.23	5.45	8.84	-	0.10	0.11	2.11	0.27	5.76	-	0.10	0.11	2.11	0.38	6.15
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

**Former USSR: 1965-1990**

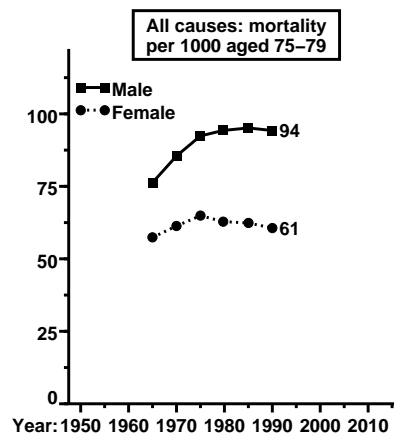
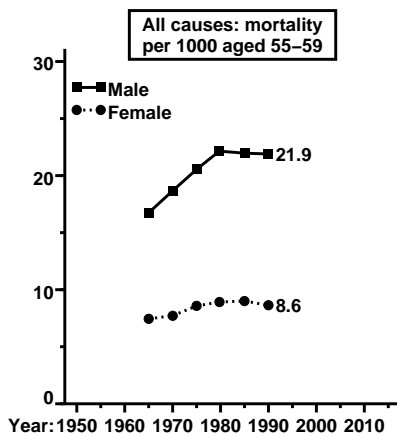
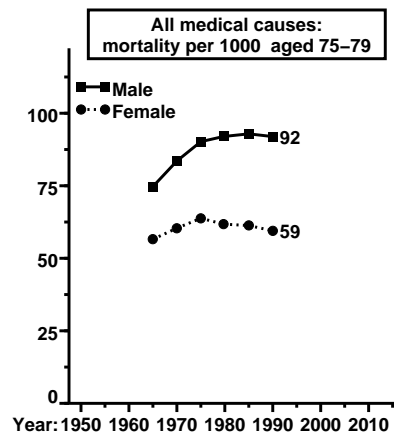
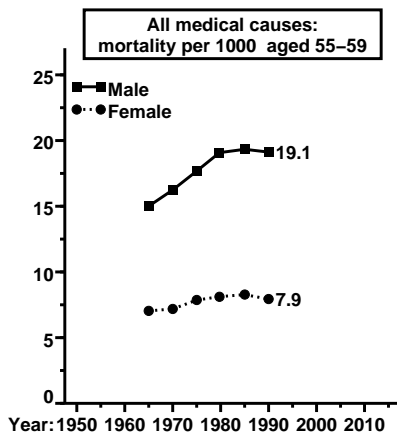
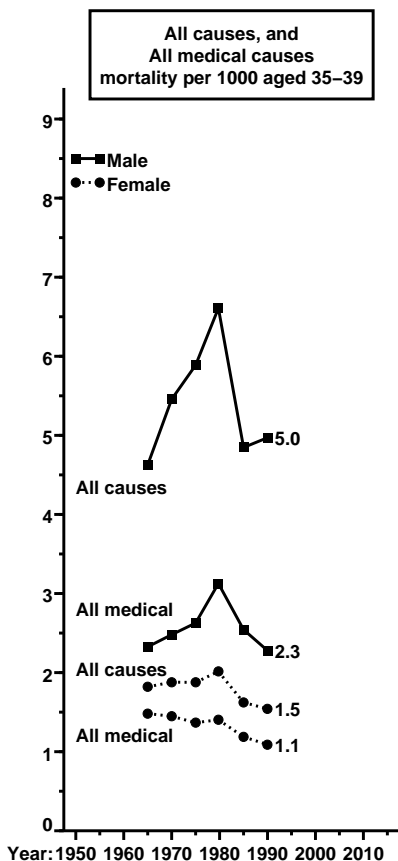
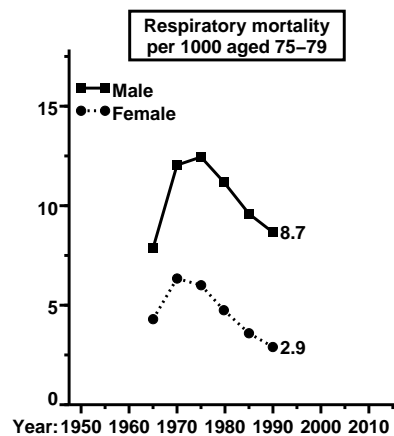
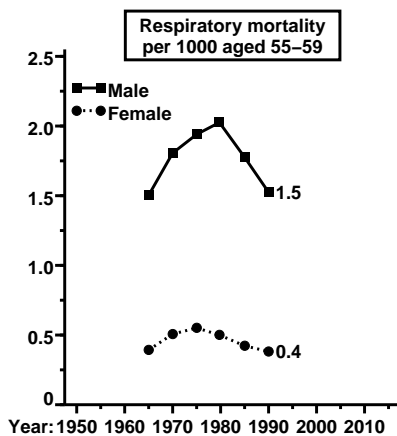
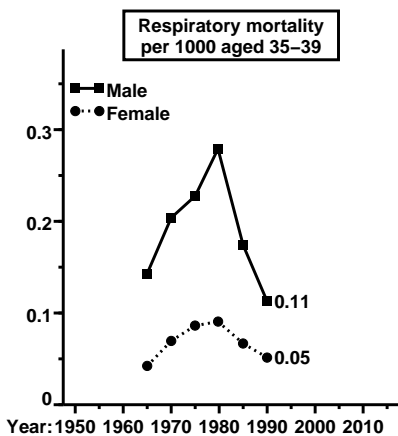
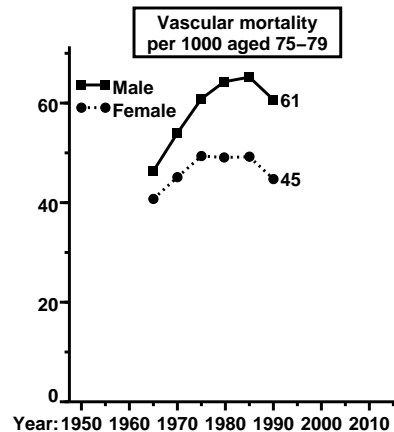
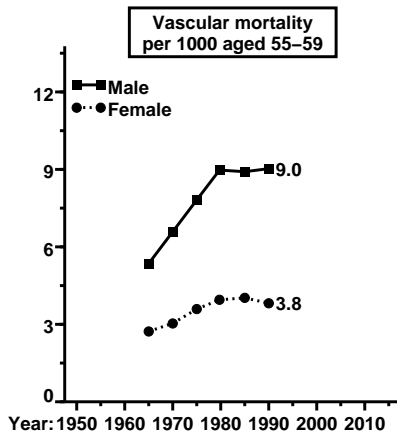
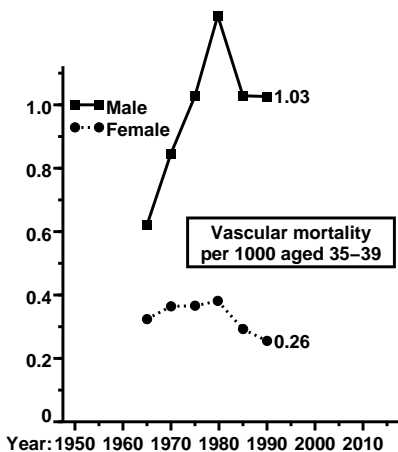
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968-1972,.....,1983-1987

1965-1990: Former USSR

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



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968-1972,.....,1983-1987

<b>Former YUGOSLAVIA: 1990</b>
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		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
<b>ALL CAUSES</b>	M	112832	9091	54092	1295.3	143.7	1437.3	457.1	37.0	32.1	71.2	112.1	132.2	164.1
	F	99316	5376	31267	811.5	89.8	715.3	393.8	25.8	21.3	32.0	39.0	48.7	67.6
<b>Tuberculosis</b>	M	848	45	547	9.2	0.7	13.7	0.3	0.2	-	0.4	0.7	0.9	2.4
	F	376	29	176	3.1	0.5	3.9	0.5	0.2	0.1	0.1	0.5	1.1	0.8
<b>Other infective and parasitic</b>	M	539	360	108	5.2	5.8	2.7	37.8	0.8	0.1	0.4	0.2	0.7	0.3
	F	506	353	92	4.6	6.0	2.1	39.7	0.5	0.6	0.3	0.5	0.1	0.2
<b>ALL CANCER</b>	M	21840	533	14860	241.4	8.3	397.4	6.3	5.4	4.0	6.4	7.3	9.4	19.3
	F	15728	453	9303	132.7	7.4	207.9	4.4	3.9	3.1	5.2	4.4	10.5	20.1
<b>Mouth and pharynx cancer</b>	M	985	8	804	10.4	0.1	19.9	-	0.1	-	-	0.2	0.1	0.4
	F	169	7	80	1.4	0.1	1.8	0.1	-	-	0.1	0.1	0.2	0.2
<b>Oesophagus cancer</b>	M	503	5	386	5.3	0.1	9.8	-	-	-	-	0.1	-	0.4
	F	116	1	51	1.0	0.0	1.1	0.1	-	-	-	-	-	-
<b>Stomach cancer</b>	M	2373	24	1525	27.0	0.4	42.0	-	0.2	-	-	0.3	0.4	1.6
	F	1431	20	745	12.0	0.3	16.9	0.1	-	0.2	0.2	0.2	1.0	0.5
<b>Colorectal cancer</b>	M	1871	25	1116	21.6	0.4	30.9	-	-	-	-	0.6	0.2	2.0
	F	1748	15	898	14.6	0.2	20.5	0.1	-	-	0.1	-	0.6	0.9
<b>Liver cancer</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Pancreas cancer</b>	M	903	5	601	10.2	0.1	16.0	-	-	0.1	0.1	-	0.1	0.2
	F	713	5	390	6.0	0.1	8.8	-	-	-	-	-	0.3	0.2
<b>Larynx cancer</b>	M	896	3	683	9.7	0.1	18.0	-	-	0.1	-	0.1	0.1	-
	F	84	1	49	0.7	0.0	1.1	-	-	-	-	-	0.1	-
<b>Lung cancer</b>	M	6898	29	5376	74.2	0.5	142.9	-	0.1	-	0.4	0.2	0.2	2.2
	F	1304	15	843	11.1	0.2	18.9	-	-	0.1	0.1	-	0.5	1.0
<b>Malignant melanoma</b>	M	199	16	133	2.1	0.2	3.2	-	-	-	-	0.1	0.7	1.0
	F	188	16	105	1.6	0.3	2.2	-	0.1	-	-	0.1	0.6	1.0
<b>Female breast cancer</b>	F	2642	43	1875	22.7	0.7	40.9	-	-	-	-	0.1	1.7	3.1
<b>Cervix cancer</b>	F	688	31	516	5.9	0.5	11.2	-	-	-	-	-	0.8	2.7
<b>Other uterine cancer</b>	F	798	15	503	6.7	0.2	11.2	-	-	-	-	0.1	0.5	1.1
<b>Ovarian cancer</b>	F	796	16	581	6.9	0.3	12.8	-	-	-	0.2	0.1	0.5	1.0
<b>Prostate cancer</b>	M	1266	-	418	16.0	-	12.9	-	-	-	-	-	-	-
<b>Bladder cancer</b>	M	648	2	332	7.7	0.0	9.7	-	-	-	-	-	-	0.2
	F	220	-	87	1.8	-	2.1	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	4156	265	2766	45.1	4.1	73.2	3.7	2.6	2.0	3.5	4.2	4.7	8.1
	F	3937	149	2101	32.9	2.4	47.5	1.8	2.0	1.6	2.6	1.9	2.4	4.8
<b>Hodgkin's disease</b>	M	110	12	82	1.1	0.2	2.0	-	-	-	0.1	0.2	0.6	0.4
	F	84	17	43	0.7	0.3	0.9	-	-	0.1	0.5	0.3	0.3	0.7
<b>Myeloma and non-Hodgkin lymphomas</b>	M	415	37	285	4.4	0.6	7.5	0.2	1.1	0.4	0.3	0.1	0.9	1.0
	F	363	27	214	3.0	0.4	4.9	0.4	0.1	0.2	0.6	0.1	0.6	1.1
<b>Leukaemia</b>	M	617	102	353	6.5	1.6	9.3	2.4	1.3	1.4	1.9	1.1	1.4	1.6
	F	447	75	222	3.8	1.2	5.0	1.8	1.7	0.9	0.8	1.3	0.5	1.7
<b>Diabetes</b>	M	1480	31	837	17.3	0.5	23.8	0.1	-	-	-	0.2	1.1	2.0
	F	2271	30	994	18.7	0.5	23.6	0.2	0.2	-	-	0.8	1.0	1.1
<b>ALL VASCULAR DISEASE</b>	M	52774	627	21117	643.2	9.9	587.5	16.3	2.0	2.2	6.3	8.2	11.6	22.3
	F	57907	368	13696	464.8	6.0	321.8	12.7	2.0	3.4	2.7	3.8	6.3	11.5
<b>Rheumatic heart disease and fever</b>	M	191	9	151	2.0	0.1	3.8	-	-	0.1	-	0.3	0.4	0.1
	F	250	5	161	2.1	0.1	3.6	-	-	0.1	-	0.1	0.2	0.1
<b>Hypertensive disease</b>	M	1943	9	651	24.3	0.1	18.7	-	-	-	-	0.3	0.1	0.6
	F	3231	4	713	26.0	0.1	16.9	-	-	-	-	-	0.2	0.2
<b>Ischaemic heart disease</b>	M	11963	138	7927	133.9	2.2	209.7	-	-	-	0.6	1.2	3.8	9.4
	F	7249	43	3103	59.7	0.7	71.4	-	-	-	0.1	0.8	0.9	3.1
<b>Pulmonary embolism and other venous</b>	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Cerebrovascular disease</b>	M	13969	160	5614	171.1	2.5	160.1	3.9	0.4	0.6	1.6	2.5	2.4	6.0
	F	16768	108	4740	136.3	1.8	111.8	3.0	0.5	1.0	1.1	1.5	1.1	4.2
<b>Other vascular disease, incl. venous</b>	M	24708	311	6774	311.9	4.9	195.2	12.4	1.6	1.5	4.1	3.8	4.8	6.2
	F	30409	208	4979	240.7	3.4	118.1	9.8	1.6	2.2	1.5	1.4	3.8	3.9
<b>Chronic obstructive pulmonary disease</b>	M	3783	16	1435	46.8	0.2	42.1	0.2	0.3	0.2	-	0.2	0.4	0.3
	F	2249	18	656	18.2	0.3	15.5	0.6	0.1	0.1	0.2	0.3	0.2	0.5
<b>Other respiratory disease</b>	M	1860	443	590	20.9	7.1	15.3	39.9	2.0	1.6	1.9	1.1	1.1	1.8
	F	1717	444	320	14.3	7.5	7.5	44.6	1.6	1.0	1.6	0.9	1.6	1.1
<b>Peptic ulcer</b>	M	498	9	278	5.8	0.1	7.5	-	-	-	0.2	0.2	0.1	0.4
	F	289	1	101	2.4	0.0	2.3	-	-	-	-	-	0.1	-
<b>Liver cirrhosis</b>	M	2878	42	2404	30.0	0.7	59.1	-	-	-	0.3	0.2	1.4	2.6
	F	1093	18	839	9.3	0.3	18.6	0.2	0.1	0.2	0.1	0.1	0.3	0.9
<b>Renal disease</b>	M	1292	44	667	15.0	0.7	18.2	1.0	0.2	-	0.2	1.0	1.1	1.3
	F	1177	37	550	9.8	0.6	12.5	0.6	0.1	0.3	0.3	0.9	0.7	1.2
<b>Pregnancy, birth</b>	F	36	29	7	0.3	0.5	0.1	-	-	-	0.3	1.1	0.8	1.1
<b>Congenital and perinatal causes</b>	M	2303	2278	22	20.6	36.6	0.5	249.7	1.8	0.8	0.8	0.3	1.4	1.1
	F	1738	1709	19	16.4	29.0	0.4	198.0	1.2	1.3	0.9	0.5	0.6	0.5
<b>Ill-defined causes</b>	M	7890	1007	3126	90.6	16.0	77.8	63.2	4.5	3.7	6.7	8.8	12.2	12.7
	F	7103	725	1472	57.4	12.2	32.9	62.0	3.1	1.6	2.1	5.3	4.4	6.6
<b>Other medical causes</b>	M	4863	582	2680	53.1	9.2	68.2	25.9	3.3	3.7	6.5	4.8	6.8	13.2
	F	3205	390	1337	26.7	6.5	30.0	20.7	3.4	2.9	2.9	4.2	5.8	5.3
<b>ALL NON-MEDICAL CAUSES</b>	M	9984	3074	5421	96.0	48.0	123.6	16.3	16.4	15.6	41.0	78.8	84.0	84.3
	F	3921	772	1705	32.8	12.6	36.2	9.6	9.4	6.6	15.1	15.7	15.1	16.6
<b>Road traffic accidents</b>	M	3151	1320	1571	28.6	20.6	34.7	3.9	8.6	7.7	19.7	38.6	33.0	32.6
	F	890	337	402	7.5	5.5	8.4	2.5	5.7	2.8	7.2	7.3	7.2	5.7
<b>Fire</b>	M	137	51	50	1.4	0.8	1.2	1.1	0.3	-	0.3	1.3	1.5	1.0
	F	85	10	25	0.7	0.2	0.6	0.5	0.3	-	0.1	0.1	-	0.1
<b>Suicide</b>	M	2549	523	1578	25.4	8.2	36.8	-	-	2.1	6.4	13.1	16.4	19.2
	F	1104	164	680	9.4	2.7	14.4	-	-	1.0	3.3	4.0	4.8	5.7
<b>POPULATION:</b>			<b>M=male</b>		11560	6429	4652	889	942	938	932	903	914	910
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		11878	6138	4944	841	897	894	887	861	879	880

## 1990: Former YUGOSLAVIA

## 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			
241.7	341.4	646.6	1016.8	1664.0	2422.8	3727.5	5311.1	9834.4	16848.6	M	ALL CAUSES	001-999/A00-Y89
108.5	162.8	301.0	456.6	711.6	1194.3	2072.2	3371.1	6774.0	13481.6	F		
3.8	5.7	9.3	11.0	17.0	21.5	27.3	37.1	60.1	65.3	M	Tuberculosis	010-018, 137/ A15-A19, B90
1.0	1.9	2.0	2.0	4.4	6.0	10.3	13.8	27.5	23.3	F		
0.9	1.2	1.2	2.2	3.6	4.3	5.3	10.4	13.8	21.1	M	Other infective	Rest of 001-139,279.5&6/ and parasitic rest of A00-B99 excl A33,A34
0.2	0.8	0.7	1.3	2.2	4.2	5.1	4.5	6.5	12.0	F		
36.1	67.0	154.6	281.9	510.5	725.3	1006.4	1112.6	1504.7	1443.3	M	ALL CANCER	140-208/C00-C97
37.8	66.6	122.5	169.1	236.4	339.0	483.9	581.5	786.5	883.3	F		
1.6	6.0	12.5	23.9	30.1	32.3	33.1	34.2	36.9	37.4	M	Mouth and	140-149/C00-C14
0.2	0.4	1.2	1.0	1.9	3.0	5.1	6.0	9.9	15.0	F	pharynx cancer	
0.5	1.9	4.9	9.3	13.8	21.3	16.7	17.4	33.2	19.7	M	Oesophagus cancer	150/C15
0.2	0.1	0.8	0.8	1.7	1.5	2.9	5.2	9.2	9.8	F		
2.9	6.6	14.8	26.2	50.6	70.8	122.0	147.7	193.3	176.9	M	Stomach cancer	151/C16
2.8	3.9	7.3	12.3	15.9	31.5	44.5	67.8	89.8	93.5	F		
2.6	4.9	10.6	20.4	33.7	51.7	92.5	114.7	183.3	162.6	M	Colorectal cancer	153, 154/C18-C21
2.0	4.2	11.2	13.6	23.1	33.1	56.3	71.1	105.4	138.3	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.1	2.8	6.6	13.4	16.8	30.2	40.4	59.1	64.4	62.6	M	Pancreas cancer	157/C25
0.8	1.4	2.2	5.5	11.9	16.8	23.4	38.0	38.6	43.2	F		
1.7	3.0	8.1	13.2	23.8	34.8	41.2	43.4	43.8	44.2	M	Larynx cancer	161/C32
0.2	0.1	0.8	0.4	0.6	3.3	2.3	4.8	4.2	3.8	F		
8.4	19.4	50.6	98.6	207.4	274.1	341.9	316.8	365.4	246.3	M	Lung cancer	162/C33, C34
2.9	3.9	8.8	20.0	22.0	30.6	43.7	50.6	64.9	52.6	F		
1.6	1.3	2.9	3.4	2.8	4.6	6.1	7.5	8.8	15.7	M	Malignant melanoma	172/C43
0.8	2.8	1.7	2.1	2.1	2.0	4.4	3.4	7.3	14.7	F		
8.7	21.4	36.9	43.6	45.5	59.1	71.3	65.5	99.7	107.8	F	Female breast cancer	174/C50
4.0	5.9	9.8	9.4	12.5	17.1	19.8	18.6	17.6	16.9	F	Cervix cancer	180/C53
2.3	3.1	6.0	8.9	14.6	16.9	26.8	27.2	41.6	36.8	F	Other uterine cancer	179, 182/C54, C55
2.3	4.9	9.2	12.9	15.7	20.6	24.0	26.4	26.7	21.8	F	Ovarian cancer	183/C56, C570-C574
0.3	0.4	0.7	3.5	8.9	23.8	52.9	91.5	188.3	264.7	M	Prostate cancer	185/C61
0.4	0.7	1.4	4.3	10.6	16.5	33.7	45.2	71.3	83.0	M	Bladder cancer	188/C67
0.1	0.4	0.3	0.8	1.9	2.9	8.0	11.5	16.4	22.2	F		
9.9	14.7	33.7	53.9	89.7	129.8	181.0	187.1	252.8	270.8	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
8.0	11.4	21.1	31.4	54.6	82.7	123.0	157.8	213.5	264.5	F	cancer sites	
0.5	1.7	1.2	1.8	2.4	2.8	3.3	3.5	5.6	0.7	M	Hodgkin's disease	201/C81
0.8	0.6	0.3	0.3	1.1	1.8	1.3	2.6	1.9	4.5	F		
1.2	1.1	2.9	5.1	9.2	14.9	18.4	17.9	25.0	15.0	M	Myeloma and non-	200, 202-203/ C82-C90, C96
1.1	0.5	1.3	3.0	5.5	7.9	15.0	11.5	17.2	17.3	F	Hodgkin lymphomas	
2.5	2.4	3.9	4.8	10.6	17.6	23.1	26.6	32.5	43.5	M	Leukaemia	204-208/C91-C95
0.8	1.8	3.5	3.0	5.7	8.2	12.2	13.4	22.5	20.7	F		
2.1	3.3	6.4	11.6	23.5	42.3	77.1	114.1	128.3	142.9	M	Diabetes	250/E10-E14
1.2	1.5	5.3	7.5	17.2	47.6	85.0	119.1	168.1	183.0	F		
48.9	85.6	198.4	348.4	631.4	1029.8	1769.6	2853.7	5967.3	11272.1	M	ALL VASCULAR	390-459/I00-I99
22.0	38.8	82.5	158.9	286.3	553.3	1110.7	2068.8	4608.3	9851.5	F	DISEASE	
0.5	1.1	3.7	3.8	5.1	5.5	6.7	6.4	7.5	5.4	M	Rheumatic heart	390-398/I00-I09
0.9	0.9	2.5	2.7	4.3	5.8	8.2	9.7	12.6	9.4	F	disease and fever	
0.5	2.3	4.5	11.0	17.6	32.0	63.2	119.9	249.0	461.4	M	Hypertensive disease	401-405/I10-I15
0.8	1.8	3.2	8.4	15.0	26.2	63.3	127.7	287.2	533.1	F		
22.7	42.4	98.5	157.8	265.4	370.6	510.4	604.7	863.4	1003.0	M	Ischaemic heart	410-414/I20-I25
5.4	9.2	19.1	42.0	77.6	136.4	210.3	320.5	505.3	721.0	F	disease	
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism	Not given
...	...	...	...	...	...	...	...	...	...	F	and other venous	separately
11.3	19.2	43.0	85.4	160.1	272.7	529.1	907.0	1790.0	2564.0	M	Cerebrovascular	430-438/I60-I69
6.8	14.1	30.9	53.8	95.4	187.3	394.1	721.9	1428.5	2344.8	F	disease	
13.8	20.6	48.7	90.4	183.3	349.1	660.2	1215.7	3057.5	7238.2	M	Other vascular	Rest of 390-459/ rest of I00-I99
8.2	12.9	26.8	52.1	94.0	197.7	434.8	889.0	2374.6	6243.2	F	disease, incl. venous	
1.4	2.1	4.0	16.6	41.7	81.1	147.6	255.4	486.1	758.0	M	Chronic obstructive	490-496/ pulmonary disease
0.8	1.0	3.5	6.5	12.8	30.9	52.9	94.6	197.1	302.4	F		J40-J47, J67
3.1	4.6	7.8	12.1	18.0	25.4	36.2	64.3	175.2	296.7	M	Other respiratory	Rest of 460-519/ rest of J00-J98
1.4	1.1	3.7	3.1	6.2	11.2	25.7	39.8	91.7	227.7	F	disease	
1.0	2.3	2.7	4.7	8.8	11.5	21.4	33.0	40.7	60.6	M	Peptic ulcer	531-533/K25-K27
0.2	0.8	0.8	1.4	2.9	2.9	7.2	12.3	24.4	33.8	F		
12.7	20.3	43.5	60.5	85.8	89.3	101.9	101.9	107.0	57.8	M	Liver cirrhosis	571/K70, K74
2.0	4.5	9.7	17.9	24.4	34.3	37.5	29.4	33.2	26.3	F		
1.4	5.8	5.6	11.2	20.6	30.2	52.6	65.5	136.4	170.1	M	Renal disease	580-590/N00-N19
2.1	2.4	4.5	6.5	12.5	25.4	34.2	53.6	85.6	83.4	F		
0.4	0.1	-	0.1	0.1	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.4	0.8	-	0.6	0.3	0.4	0.8	-	-	2.0	F	Congenital and	740-779/A33, perinatal causes
0.7	0.2	0.2	0.4	0.4	0.5	0.2	0.7	1.1	1.9	F		P00-P96, Q00-Q99
22.8	31.9	50.8	74.1	90.2	120.6	154.3	275.7	546.8	1637.9	M	Ill-defined causes	780-799/R00-R99
8.2	13.4	15.8	26.1	37.0	44.5	85.4	154.1	385.4	1308.6	F		
20.9	25.6	44.7	53.8	76.8	99.8	155.9	189.4	349.1	487.2	M	Other medical causes	Rest of 001-799/ rest of A00-R99
7.3	9.9	17.6	20.1	31.6	47.0	76.6	105.0	201.7	251.0	F		
86.2	85.0	117.7	128.2	135.8	141.3	171.0	198.1	319.1	433.5	M	ALL NON-	E800-E999/V01-Y89
23.2	20.0	32.3	35.5	37.1	47.5	57.6	93.8	157.0	293.4	F	MEDICAL CAUSES	
28.3	27.5	35.6	40.0	36.9	35.9	38.7	37.6	60.1	67.4	M	Road traffic	E810-E819, E826-E829/ accidents part of V01-V99, Y850
7.5	5.6	9.0	8.1	6.7	9.8	12.0	18.6	21.0	17.3	F		
0.6	0.7	0.3	1.0	1.6	1.2	3.1	2.3	7.5	13.6	M	Fire	E890-E899/X00-X09
0.1	0.1	0.2	0.1	0.8	1.4	1.1	4.1	4.6	10.1	F		
22.2	23.4	34.2	37.5	39.0	43.7	57.4	62.0	105.1	117.7	M	Suicide	E950-E959/X60-X84
8.6	8.1	12.7	15.2	16.1	18.6	21.5	29.4	39.0	29.7	F		
964	821	593	680	671	563	359	173	160	147	M	POPULATION	
929	801	601	705	721	661	526	269	262	266	F	(1000s; UN, 2015 revision)	

<b>Former YUGOSLAVIA: 1990</b>
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**Relative importance of deaths in MIDDLE age (35–69) in the year 1990**

Age range (years)	Deaths attributed to SMOKING /total deaths (thousands)		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 9.9	– / 6.2	–
35–69	23 / 54	3.0 / 31	21 years
70+	8.6 / 50	2.2 / 63	7 years
<b>All ages</b>	<b>31 / 113</b>	<b>5.2 / 100</b>	<b>17 years</b>

**Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 1990**

Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	4.8/5.1	1.3/1.5	6.1/6.6	–/0.0	0.4/0.8	0.2/0.4	0.6/1.3
All Cancer	–/0.6	7.5/14 (52%)	1.9/6.5 (30%)	9.4/21	–/0.5	0.6/9.1 (6%)	0.2/5.9 (4%)	0.8/16
Vascular	–/0.6	11/21	4.6/31	15/53	–/0.4	1.8/14	1.4/44	3.2/58
Respiratory	–/0.6	1.4/2.0	1.6/3.1	3.0/5.8	–/0.6	0.3/0.9	0.5/2.5	0.7/4.0
All Other	–/8.1	3.1/16	0.6/9.3	3.7/34	–/4.8	0.4/7.6	0.1/10	0.5/23
<b>All Causes</b>	<b>–/9.9</b>	<b>23/54 (42%)</b>	<b>8.6/50 (17%)</b>	<b>31/113</b>	<b>–/6.2</b>	<b>3.0/31 (10%)</b>	<b>2.2/63 (4%)</b>	<b>5.2/100</b>

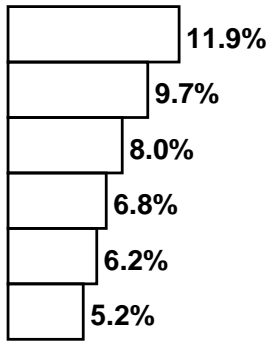
**Cancer deaths, and all deaths,  
attributed to SMOKING / total deaths (thousands) in the year 1990**

Cause	Male	Female	Male + Female
All Cancer	9.4 / 21 (44%)	0.8 / 16 (5%)	10 / 37 (28%)
All Causes	31 / 113 (28%)	5.2 / 100 (5%)	36 / 214 (17%)



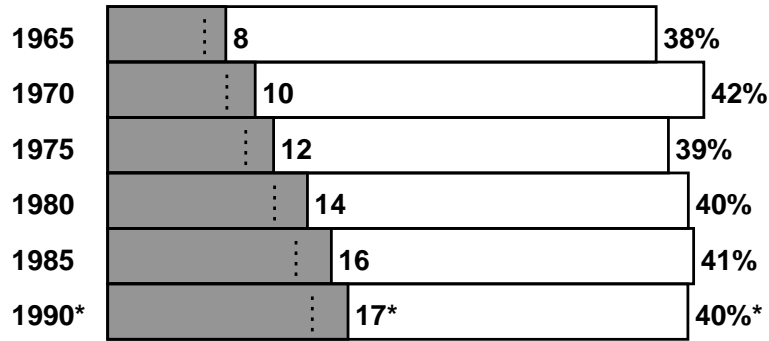
1965-1990: Former YUGOSLAVIA

Population risk of dying at ages 0–34



MALE

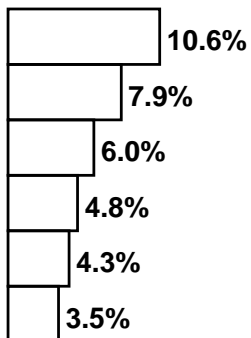
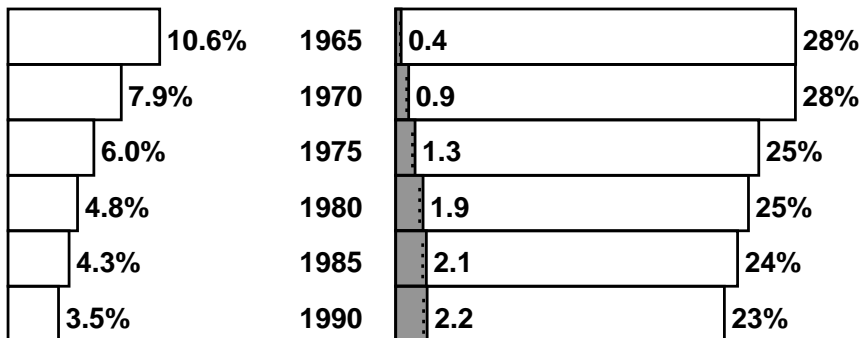
Population risk of a 35-year-old dying at ages 35–69 from smoking (shaded) or from any cause (shaded and white)



\*eg, at year 1990 male death rates, out of 100 men aged 35, 40 would die before age 70 (with 17 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



<b>Former YUGOSLAVIA: 1965-1990</b>
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**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
1950	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...
1965	-/24	7.3/34 <b>(22%)</b>	2.3/29 <b>(8%)</b>	9.6/87	-/20	0.4/26 <b>(1%)</b>	0.0/38	0.4/84
1970	-/18	10/41 <b>(24%)</b>	4.3/36 <b>(12%)</b>	14/95	-/14	0.9/28 <b>(3%)</b>	0.3/45 <b>(0.6%)</b>	1.2/88
1975	-/15	12/39 <b>(29%)</b>	6.0/40 <b>(15%)</b>	18/95	-/11	1.4/27 <b>(5%)</b>	0.9/49 <b>(2%)</b>	2.3/87
1980	-/13	15/42 <b>(35%)</b>	8.2/49 <b>(17%)</b>	23/104	-/8.9	2.1/27 <b>(8%)</b>	1.3/57 <b>(2%)</b>	3.3/92
1985	-/12	19/47 <b>(40%)</b>	9.1/54 <b>(17%)</b>	28/114	-/7.9	2.6/28 <b>(9%)</b>	2.2/65 <b>(3%)</b>	4.8/101
1990	-/9.9	23/54 <b>(42%)</b>	8.6/50 <b>(17%)</b>	31/113	-/6.2	3.0/31 <b>(10%)</b>	2.2/63 <b>(4%)</b>	5.2/100
1995	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...

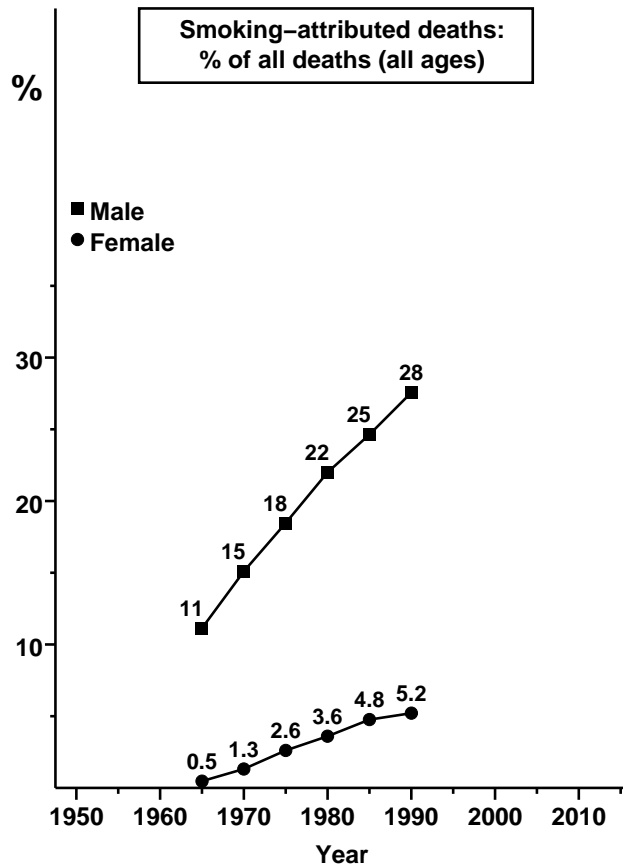
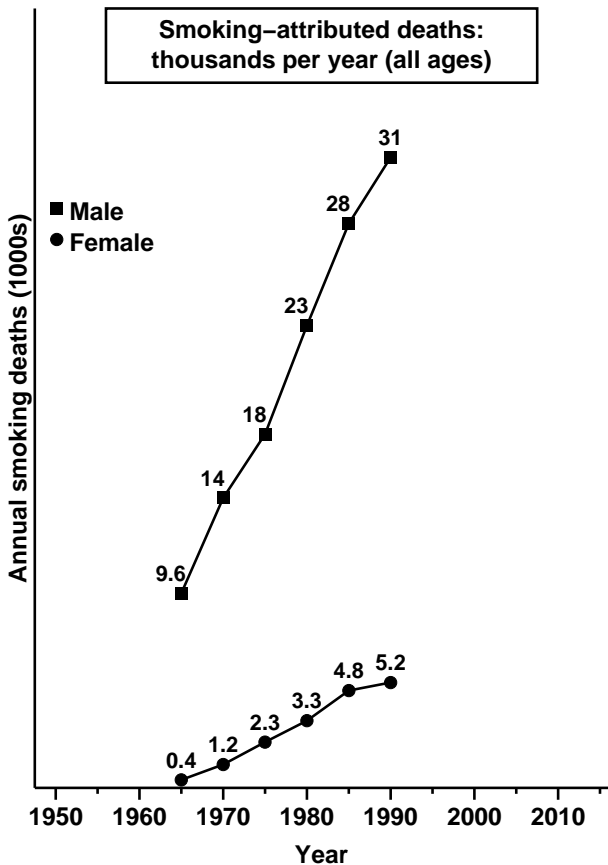
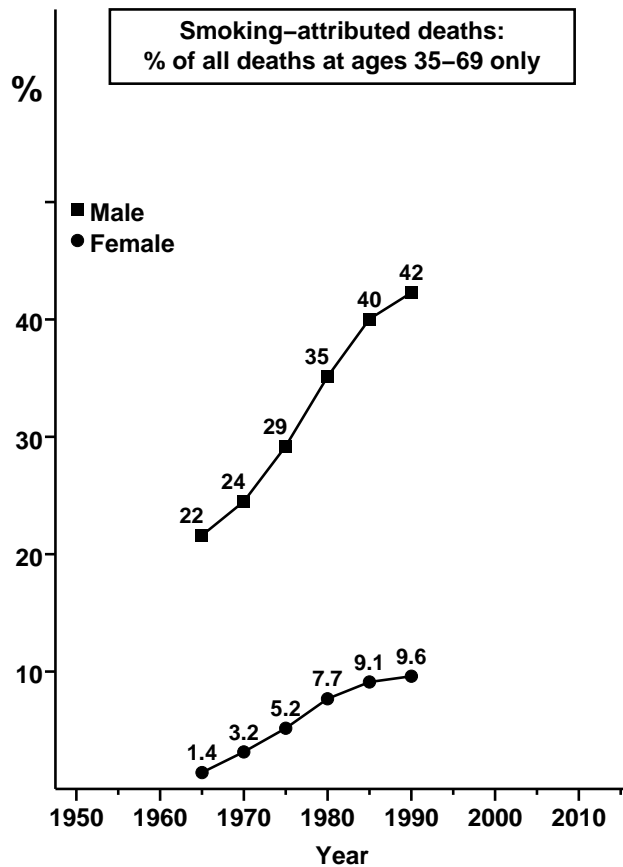
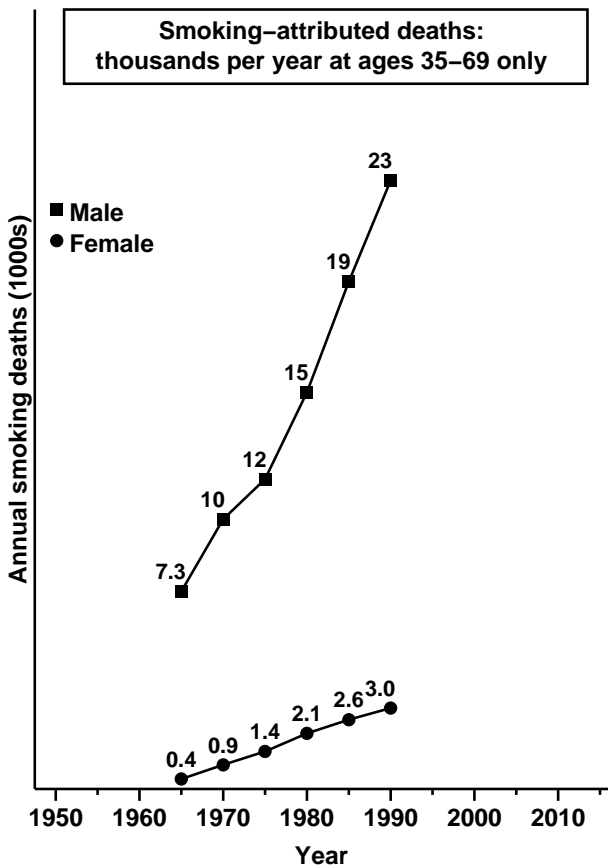
30-year total (thousands), decade of 1960s to decade of 1980s (1960-1990\*): 627 / 5678

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

**1960-1990, by age & sex:**

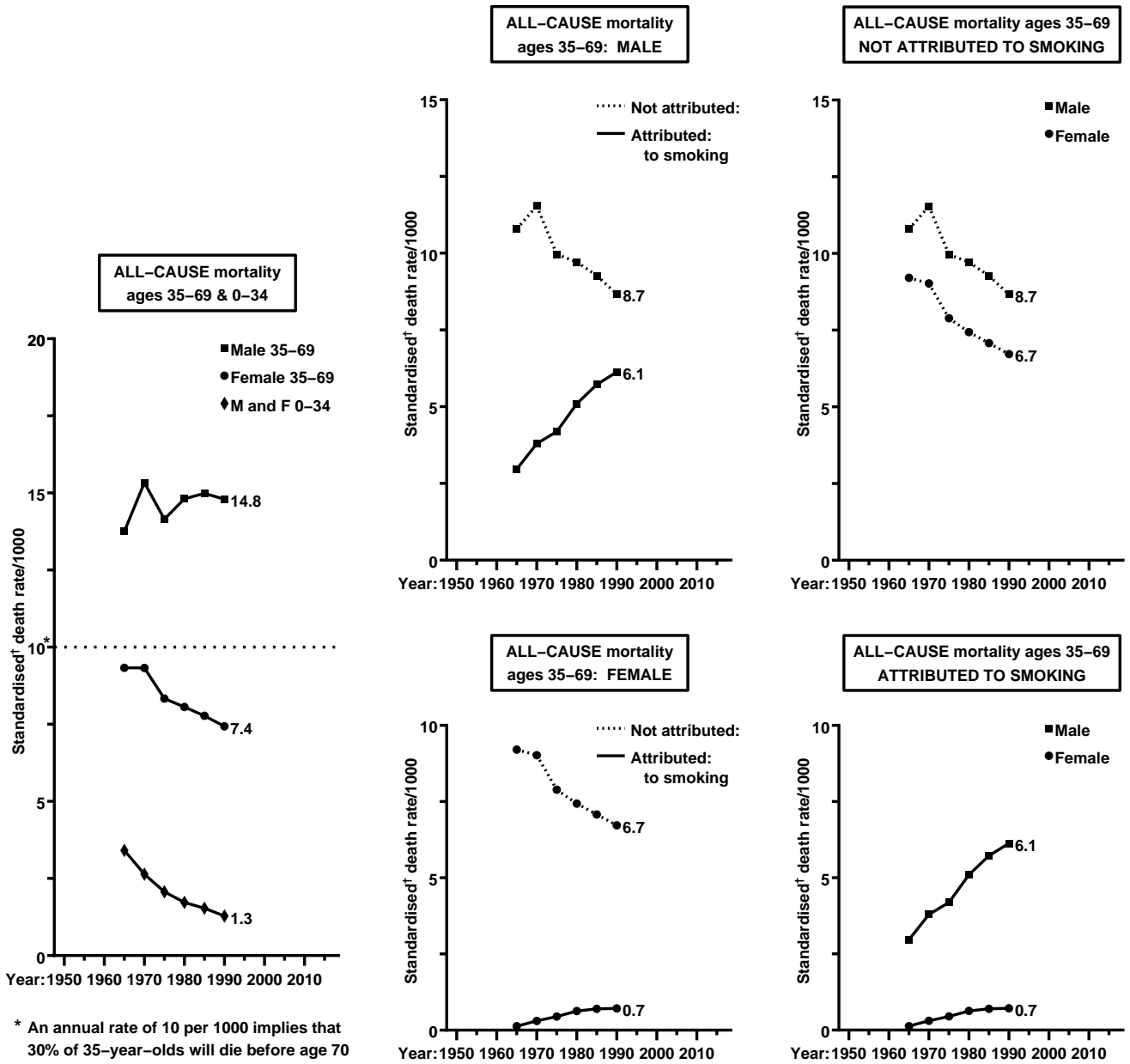
-/508	377/1206 <b>(31%)</b>	174/1239 <b>(14%)</b>	552/2952	-/387	43/817 <b>(5%)</b>	32/1521 <b>(2%)</b>	75/2726
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1965-1990: Former YUGOSLAVIA



**Former YUGOSLAVIA: 1965-1990**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

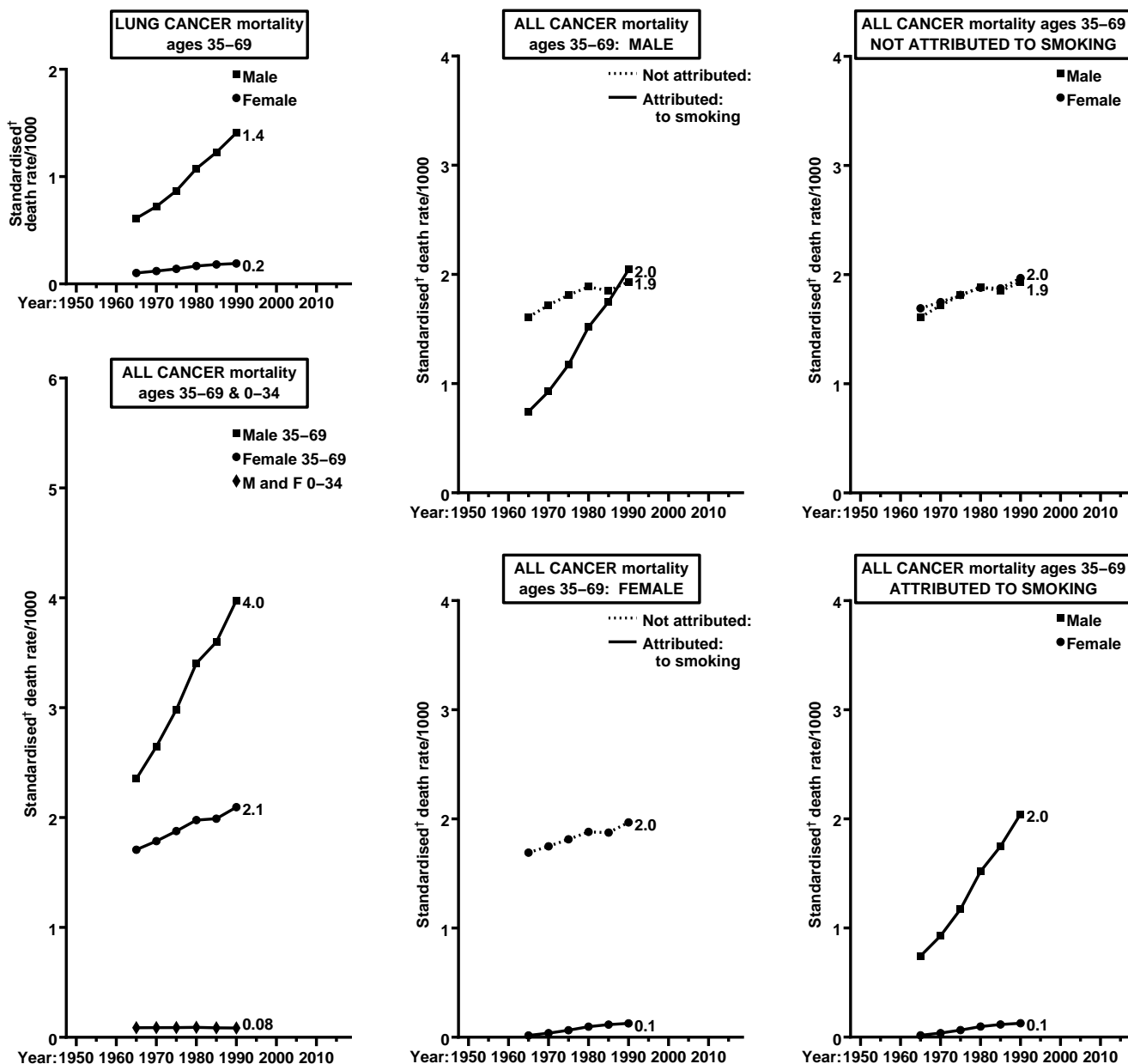
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	3.62	2.96	10.8	7.32	74.0	-	3.19	0.13	9.20	0.07	65.2				
1970	-	2.93	3.79	11.5	11.1	73.6	-	2.35	0.30	9.02	0.50	64.0				
1975	-	2.37	4.19	9.96	12.2	63.8	-	1.76	0.44	7.89	1.22	55.8				
1980	-	2.02	5.09	9.71	14.0	64.0	-	1.42	0.63	7.43	1.53	53.9				
1985	-	1.82	5.72	9.26	15.3	65.7	-	1.24	0.70	7.07	2.41	53.5				
1990	-	1.54	6.13	8.67	15.1	60.9	-	1.02	0.71	6.72	2.22	49.5				
1995	...	...	...	...	...	...	...	...	...	...	...	...				
2000	...	...	...	...	...	...	...	...	...	...	...	...				
2005	...	...	...	...	...	...	...	...	...	...	...	...				
2010	...	...	...	...	...	...	...	...	...	...	...	...				
2015	...	...	...	...	...	...	...	...	...	...	...	...				

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

1965-1990: Former YUGOSLAVIA

ALL CANCER mortality rates attributed and not attributed to smoking



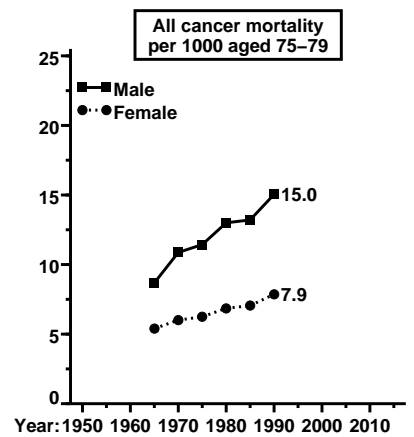
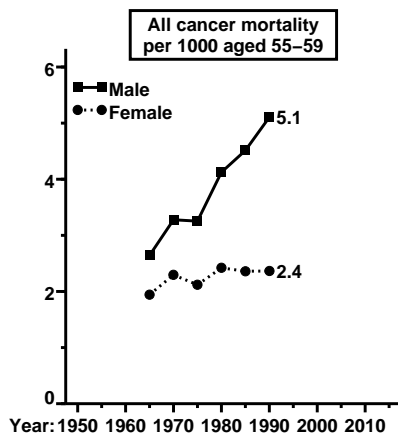
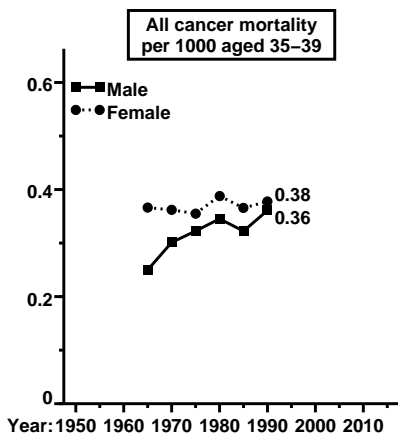
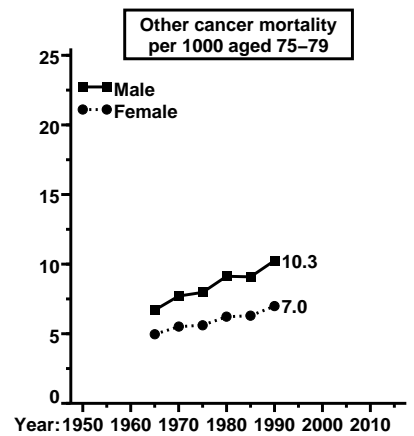
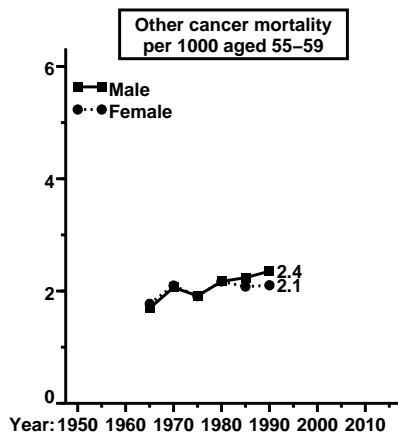
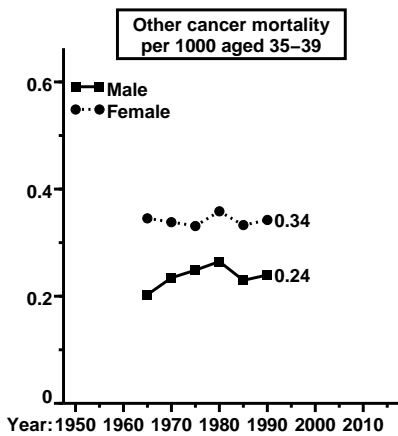
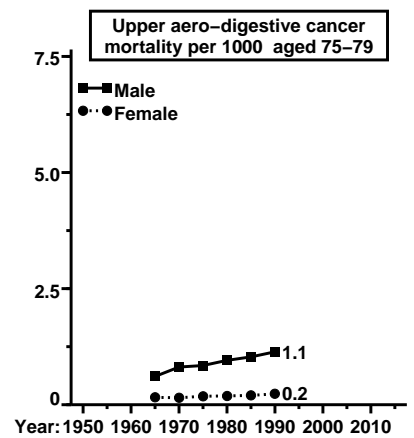
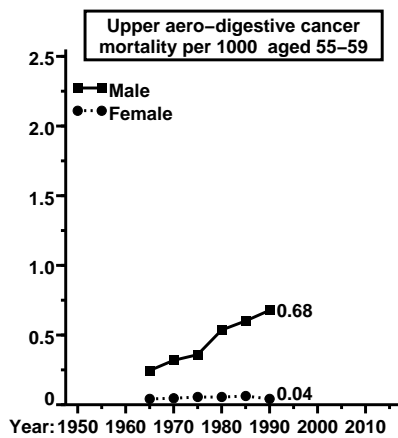
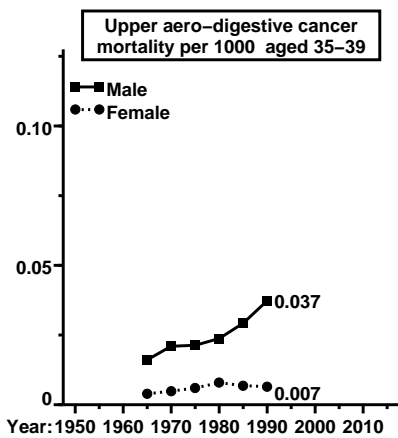
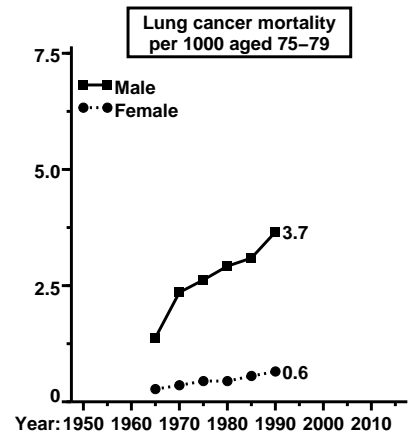
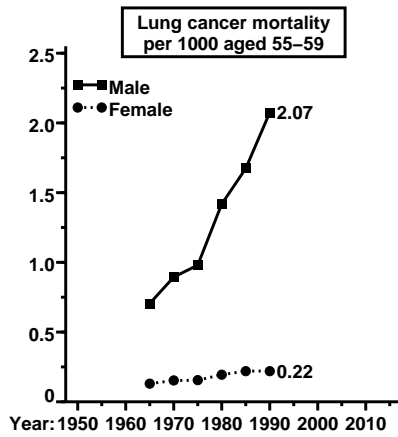
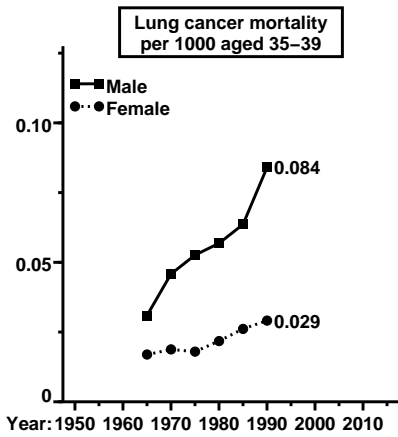
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	-	0.09	0.74	1.61	1.74	6.76	-	0.08	0.02	1.69	0.00	5.08	-	0.08	0.04	1.75	0.05	5.36
1970	-	0.09	0.93	1.72	2.64	7.15	-	0.08	0.06	1.81	0.14	5.67	-	0.08	0.10	1.88	0.18	6.05
1975	-	0.09	1.17	1.81	3.59	8.26	-	0.08	0.12	1.87	0.29	6.22	-	0.08	0.13	1.97	0.30	6.67
1980	-	0.10	1.52	1.89	3.94	8.46	-	0.08	0.13	1.97	0.30	6.67	-	0.08	0.13	1.97	0.30	6.67
1985	-	0.09	1.75	1.85	4.19	8.84	-	0.08	0.13	1.97	0.30	6.67	-	0.08	0.13	1.97	0.30	6.67
1990	-	0.09	2.04	1.93	4.19	8.84	-	0.08	0.13	1.97	0.30	6.67	-	0.08	0.13	1.97	0.30	6.67
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

**Former YUGOSLAVIA: 1965-1990**

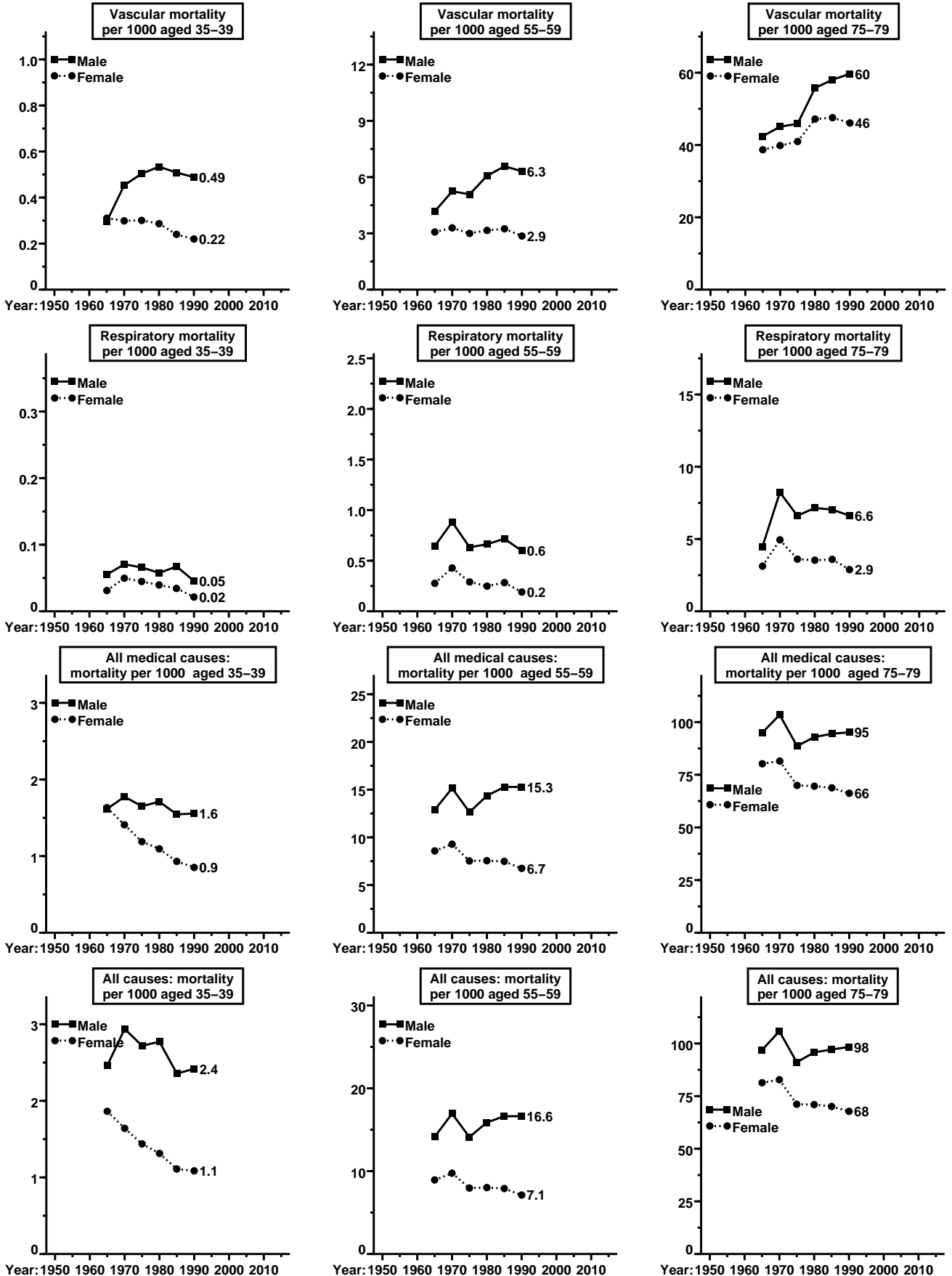
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968-1972,.....,1983-1987

1965-1990: Former YUGOSLAVIA

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



\* Annual mortality per 1000: years 1965 and 1990 separately, and averages of years 1968-1972,.....,1983-1987

**FRANCE: 2010**

		<b>No. of deaths</b> (Source: WHO)			<b>Standardised rates</b> (defined overleaf)			<b>Annual death rates / 100,000</b> (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
<b>ALL CAUSES</b>	M	276146	8126	86524	638.3	59.1	696.1	92.9	9.9	11.1	45.8	71.5	81.6	101.0
	F	265430	3869	41361	371.4	28.8	321.1	77.8	7.3	8.5	17.1	23.9	29.7	37.2
<b>Tuberculosis</b>	M	309	4	65	0.7	0.0	0.5	-	-	-	-	-	0.1	0.2
	F	280	-	23	0.3	-	0.2	-	-	-	-	-	-	-
<b>Other infective and parasitic</b>	M	5017	100	1472	11.4	0.7	11.6	1.5	0.3	0.2	0.7	0.5	0.7	1.3
	F	5174	81	690	7.1	0.6	5.4	1.6	0.2	0.1	0.5	0.2	0.7	0.9
<b>ALL CANCER</b>	M	89500	687	36491	216.7	5.0	300.7	1.7	2.8	2.4	4.5	5.4	6.9	11.7
	F	63341	575	21170	115.8	4.3	164.8	2.0	1.7	1.9	2.5	3.1	7.0	11.6
<b>Mouth and pharynx cancer</b>	M	3303	6	2251	9.0	0.0	17.6	-	0.1	-	0.1	-	-	0.2
	F	771	7	378	1.6	0.1	2.8	-	-	-	-	0.1	0.1	0.2
<b>Oesophagus cancer</b>	M	3123	3	1671	8.0	0.0	13.6	-	-	-	-	0.1	-	0.1
	F	803	2	315	1.5	0.0	2.4	-	-	-	-	-	-	0.1
<b>Stomach cancer</b>	M	2916	15	1091	7.0	0.1	9.0	-	-	-	0.1	0.1	0.2	0.4
	F	1649	15	426	2.8	0.1	3.3	-	-	-	-	0.1	0.2	0.5
<b>Colorectal cancer</b>	M	9108	31	2813	20.8	0.2	23.8	-	-	-	-	0.1	0.4	1.1
	F	7885	21	1781	12.4	0.1	14.2	-	-	-	-	0.3	0.3	0.5
<b>Liver cancer</b>	M	4862	19	2134	12.1	0.1	18.0	0.1	-	0.1	0.1	0.1	0.2	0.5
	F	1302	7	287	2.1	0.1	2.3	0.1	-	-	0.1	-	0.1	0.2
<b>Pancreas cancer</b>	M	4734	7	2099	11.7	0.1	17.5	-	-	-	0.1	-	0.1	0.2
	F	4519	6	1289	7.8	0.0	10.5	-	-	-	-	0.1	0.1	0.2
<b>Larynx cancer</b>	M	1081	-	607	2.8	-	4.9	-	-	-	-	-	-	-
	F	144	-	72	0.3	-	0.5	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	22234	28	11779	57.2	0.2	96.5	-	0.1	-	-	-	0.1	0.5
	F	7419	16	3807	16.1	0.1	28.9	-	-	-	-	-	0.2	0.6
<b>Malignant melanoma</b>	M	976	30	475	2.5	0.2	3.8	-	-	-	0.2	0.2	0.3	0.8
	F	823	22	347	1.7	0.2	2.6	-	-	-	0.1	-	0.6	0.5
<b>Female breast cancer</b>	F	11812	89	5082	23.7	0.7	38.8	-	-	-	-	0.1	0.9	3.6
<b>Cervix cancer</b>	F	745	16	467	1.8	0.1	3.3	-	-	-	-	0.1	0.2	0.5
<b>Other uterine cancer</b>	F	2401	5	733	4.3	0.0	5.8	-	0.1	-	-	-	-	0.2
<b>Ovarian cancer</b>	F	3521	34	1349	6.9	0.2	10.8	-	-	0.1	-	0.4	0.7	0.6
<b>Prostate cancer</b>	M	9048	2	1135	18.2	0.0	10.3	-	-	-	-	0.1	-	-
<b>Bladder cancer</b>	M	3889	2	1029	8.6	0.0	8.8	-	-	-	-	0.1	-	0.1
	F	1175	1	186	1.7	0.0	1.5	-	-	-	-	-	0.1	-
<b>Other and ill-defined cancer sites</b>	M	17096	375	7388	42.4	2.7	60.0	1.3	1.9	1.7	2.2	3.1	3.5	5.4
	F	12277	214	3440	21.3	1.6	27.1	1.2	1.2	1.4	1.5	1.2	2.0	2.7
<b>Hodgkin's disease</b>	M	153	21	66	0.4	0.1	0.5	-	0.1	-	0.2	0.1	0.4	0.3
	F	126	25	30	0.3	0.2	0.2	-	-	-	0.2	0.3	0.6	0.3
<b>Myeloma and non-Hodgkin lymphomas</b>	M	3997	52	1189	9.2	0.4	10.0	0.1	0.1	0.1	0.3	0.6	0.7	0.7
	F	3407	16	660	5.3	0.1	5.4	0.1	0.1	-	0.3	0.2	0.2	0.1
<b>Leukaemia</b>	M	2980	96	764	6.8	0.7	6.5	0.3	0.6	0.5	1.2	0.9	0.6	0.9
	F	2562	79	521	4.2	0.6	4.2	0.6	0.4	0.5	0.4	0.3	0.8	1.1
<b>Diabetes</b>	M	5118	11	1260	11.2	0.1	10.6	-	-	0.1	0.1	0.1	0.1	0.3
	F	5607	13	526	7.2	0.1	4.3	-	-	0.1	0.1	0.1	0.3	0.1
<b>ALL VASCULAR DISEASE</b>	M	66664	338	13899	140.6	2.5	114.3	1.3	0.2	0.6	1.3	2.7	3.9	7.3
	F	76480	182	4858	87.4	1.4	39.0	1.5	0.3	0.4	0.9	1.4	1.8	3.1
<b>Rheumatic heart disease and fever</b>	M	500	4	112	1.1	0.0	0.9	-	0.1	-	0.1	-	0.1	0.1
	F	937	2	118	1.3	0.0	1.0	-	0.1	-	-	-	0.1	-
<b>Hypertensive disease</b>	M	3162	5	528	6.4	0.0	4.4	-	-	-	-	0.1	-	0.2
	F	5840	-	232	6.2	-	2.0	-	-	-	-	-	-	-
<b>Ischaemic heart disease</b>	M	20452	35	5516	45.0	0.3	44.9	0.1	-	-	-	0.1	0.2	1.4
	F	15079	8	1109	17.6	0.1	9.0	-	0.1	-	-	-	0.1	0.3
<b>Pulmonary embolism and other venous</b>	M	2026	14	590	4.5	0.1	4.8	-	-	-	-	0.2	0.1	0.3
	F	3091	26	414	4.2	0.2	3.9	-	-	-	0.1	0.3	0.5	0.6
<b>Cerebrovascular disease</b>	M	13294	79	2426	27.7	0.6	20.2	0.2	0.1	0.3	0.2	0.8	0.9	1.8
	F	18516	42	1353	21.9	0.3	10.8	-	0.2	0.3	0.3	0.3	0.5	0.7
<b>Other vascular disease</b>	M	27230	201	4727	55.9	1.5	39.0	1.0	0.1	0.4	1.1	1.5	2.5	3.6
	F	33017	104	1632	36.2	0.8	13.1	1.5	0.1	0.2	0.5	0.9	0.8	1.5
<b>Chronic obstructive pulmonary disease</b>	M	5596	22	1009	11.7	0.2	8.6	0.2	0.1	0.1	0.1	0.1	0.3	0.2
	F	3497	11	435	4.6	0.1	3.5	-	0.1	0.2	0.1	0.1	0.1	0.1
<b>Other respiratory disease</b>	M	11599	87	1694	23.5	0.6	14.3	1.0	0.1	-	0.4	0.8	0.7	1.5
	F	11336	55	694	12.9	0.4	5.6	1.0	0.1	-	0.3	0.3	0.6	0.6
<b>Peptic ulcer</b>	M	429	1	108	0.9	0.0	0.9	0.1	-	-	-	-	-	-
	F	444	1	50	0.6	0.0	0.4	-	-	-	-	0.1	-	-
<b>Liver cirrhosis</b>	M	5202	30	3791	14.6	0.2	29.3	0.1	-	-	-	-	0.2	1.2
	F	2022	7	1299	4.9	0.1	9.7	-	-	-	-	0.1	-	0.3
<b>Renal disease</b>	M	3596	14	436	7.1	0.1	3.8	0.1	-	-	-	0.1	0.2	0.3
	F	3887	7	218	4.5	0.1	1.8	0.1	-	-	-	0.1	0.1	0.1
<b>Pregnancy, birth</b>	F	68	45	23	0.2	0.3	0.1	-	-	-	-	0.3	1.1	0.9
<b>Congenital and perinatal causes</b>	M	1538	1199	266	5.7	8.5	2.0	55.5	0.6	0.5	0.6	0.8	0.8	1.0
	F	1268	986	192	4.8	7.3	1.4	47.9	0.6	0.4	0.6	0.6	0.8	0.5
<b>Ill-defined causes</b>	M	20913	1158	7292	50.0	8.4	56.2	16.4	0.9	0.4	5.3	9.3	12.1	14.5
	F	24404	504	2817	31.4	3.8	21.5	11.3	0.8	0.5	2.0	3.1	3.8	4.7
<b>Other medical causes</b>	M	37979	822	8872	82.6	6.0	70.5	9.0	2.5	2.3	4.2	4.8	8.6	10.6
	F	52503	494	4672	64.1	3.7	36.5	7.9	1.8	2.5	2.3	3.0	3.7	4.6
<b>ALL NON-MEDICAL CAUSES</b>	M	22686	3653	9869	61.6	26.7	72.9	6.0	2.5	4.6	28.8	47.0	47.0	51.0
	F	15119	908	3694	25.7	6.8	26.9	4.5	1.7	2.4	7.9	11.4	9.6	9.7
<b>Road traffic accidents</b>	M	2951	1342	1208	9.5	9.8	8.7	1.3	0.9	2.1	14.9	22.2	15.3	11.5
	F	906	280	346	2.5	2.1	2.5	0.6	0.6	0.8	3.8	4.6	2.2	2.1
<b>Fire</b>	M	303	65	173	0.9	0.5	1.3	0.7	0.2	0.2	0.1	0.7	0.6	0.8
	F	214	30	87	0.5	0.2	0.6	0.6	0.4	0.1	0.1	0.2	0.1	0.2
<b>Suicide</b>	M	7638	1212	4670	22.7	8.9	33.7	-	-	1.2	7.3	12.1	17.1	24.7
	F	2735	311	1797	7.5	2.3	12.8	-	-	0.9	2.3	3.8	4.2	4.9

**POPULATION:**  
(1000s; UN, 2015 revision)

**M=male**  
**F=female**

30676	13757	13633	2011	1991	1945	1933	2012	1981	1884
32285	13364	14084	1916	1899	1858	1854	1949	1975	1912



## 2010: FRANCE

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			
146.4	216.5	347.3	589.6	872.8	1147.0	1553.3	2285.5	3811.4	10040.7	M	ALL CAUSES	001-999/A00-Y89
64.7	108.7	178.7	275.0	379.0	501.7	739.8	1136.5	2038.8	8015.2	F		
0.1	0.3	0.3	0.3	0.9	0.5	1.3	2.3	4.7	14.2	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.1	0.1	0.1	0.2	0.1	0.1	0.5	1.1	3.1	9.1	F		
2.7	5.4	8.4	11.6	13.7	16.1	23.4	35.2	67.9	202.1	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
1.6	2.0	3.5	4.4	6.2	6.9	13.2	23.1	40.2	160.4	F		
19.8	41.7	100.3	233.3	399.7	550.7	759.6	1017.4	1425.9	2280.9	M	ALL CANCER	140-208/C00-C97
22.5	46.5	84.8	142.8	207.7	265.6	383.7	487.9	673.6	1186.0	F		
0.5	1.9	8.2	20.6	29.5	32.8	30.1	28.6	33.7	33.4	M	Mouth and pharynx cancer	140-149/C00-C14
0.1	0.6	1.6	3.1	4.9	4.7	4.6	5.4	5.3	11.1	F		
0.3	1.0	4.1	12.7	19.2	27.0	30.8	36.4	44.3	51.3	M	Oesophagus cancer	150/C15
0.1	0.2	0.7	2.4	4.0	4.6	5.1	6.4	6.5	14.2	F		
1.1	1.7	3.4	7.2	11.2	15.7	22.4	36.9	46.4	79.7	M	Stomach cancer	151/C16
0.7	1.1	1.9	2.5	4.1	5.2	7.6	12.5	17.1	36.9	F		
2.0	2.8	5.5	14.3	27.4	45.5	68.9	105.2	165.1	293.6	M	Colorectal cancer	153, 154/C18-C21
0.8	3.2	5.2	9.9	16.8	25.0	38.8	58.4	79.7	192.0	F		
0.5	1.7	5.5	11.0	22.1	32.9	52.5	65.0	94.6	89.1	M	Liver cancer	155.0/C22 excl C221
0.2	0.3	0.5	1.5	3.1	4.5	5.8	11.6	19.4	27.1	F		
0.7	2.4	5.9	12.1	21.4	32.2	47.8	58.6	77.9	102.2	M	Pancreas cancer	157/C25
0.5	1.0	3.5	5.8	13.3	17.7	31.8	38.5	57.3	88.5	F		
0.1	0.4	1.4	4.6	7.6	9.7	10.5	12.3	12.4	18.1	M	Larynx cancer	161/C32
-	-	0.2	1.2	0.6	0.9	0.8	1.1	1.4	1.8	F		
3.5	11.1	32.0	80.1	138.3	177.6	232.8	267.4	325.8	358.2	M	Lung cancer	162/C33, C34
2.6	7.3	17.5	34.7	41.7	42.8	55.8	56.6	72.2	86.0	F		
1.5	1.6	2.0	3.1	4.4	5.9	7.7	10.6	12.7	19.2	M	Malignant melanoma	172/C43
0.9	1.4	2.3	2.3	2.3	4.0	5.5	5.1	8.8	12.2	F		
8.1	14.9	23.1	37.2	48.8	60.6	78.9	87.2	110.8	182.0	F	Female breast cancer	174/C50
1.3	3.3	3.4	4.1	3.8	4.0	3.6	3.8	5.0	6.6	F	Cervix cancer	180/C53
0.6	1.3	2.8	3.8	7.0	10.2	15.0	23.4	29.0	44.0	F	Other uterine cancer	179, 182/C54, C55
1.0	1.8	3.3	8.1	12.8	19.5	29.2	32.8	40.6	53.0	F	Ovarian cancer	183/C56, C570-C574
0.1	0.1	0.7	2.3	8.0	20.4	40.6	81.2	162.9	457.9	M	Prostate cancer	185/C61
0.4	0.9	1.6	4.7	10.1	16.2	28.0	43.4	67.7	144.6	M	Bladder cancer	188/C67
0.2	0.1	0.8	1.1	1.9	2.2	4.2	6.7	13.1	32.8	F		
6.7	12.5	23.3	50.1	83.3	105.4	138.4	186.5	251.7	404.2	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
4.4	7.7	13.8	19.8	32.4	43.8	67.6	92.2	127.7	258.1	F		
0.1	0.4	0.6	0.6	0.5	0.7	0.6	1.0	2.1	2.9	M	Hodgkin's disease	201/C81
0.1	0.3	0.1	0.2	0.2	0.2	0.7	0.6	1.5	2.0	F		
1.1	1.6	3.4	6.3	10.8	18.3	28.4	49.6	73.7	125.2	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
0.4	1.0	2.2	2.6	6.0	8.8	16.9	26.3	45.8	80.3	F		
1.1	1.4	2.6	3.8	5.8	10.5	20.3	34.7	54.8	101.2	M	Leukaemia	204-208/C91-C95
0.8	1.1	1.9	2.7	4.0	6.9	11.8	19.3	32.8	57.5	F		
1.2	1.9	3.3	6.3	11.5	19.4	30.6	49.1	88.2	206.1	M	Diabetes	250/E10-E14
0.6	0.4	1.6	2.4	4.4	7.8	12.7	29.5	60.8	174.4	F		
14.8	27.7	49.6	85.8	134.7	195.8	291.5	482.8	960.2	3186.6	M	ALL VASCULAR DISEASE	390-459/I00-I99
5.3	10.7	18.9	26.5	38.7	62.8	110.1	228.2	517.5	2766.5	F		
0.1	0.1	0.3	1.1	0.7	1.6	2.7	5.2	8.4	20.6	M	Rheumatic heart disease and fever	390-398/I00-I09
0.1	0.2	0.5	0.6	0.7	1.8	2.9	6.2	9.3	27.6	F		
0.3	0.5	1.5	2.6	5.5	8.6	11.8	20.5	40.7	169.5	M	Hypertensive disease	401-405/I10-I15
0.1	0.1	0.6	0.9	1.4	3.5	7.0	13.0	35.0	223.3	F		
5.2	11.1	21.1	36.7	55.6	76.7	108.2	169.8	307.4	846.0	M	Ischaemic heart disease	410-414/I20-I25
0.8	2.3	4.8	6.4	7.8	14.2	26.4	50.1	113.8	530.1	F		
0.7	1.4	2.6	3.4	5.0	9.2	11.2	15.1	29.4	81.7	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
0.6	1.3	1.7	2.5	3.5	5.4	7.6	13.6	27.6	94.8	F		
2.8	5.0	8.6	14.2	21.8	33.3	55.5	98.9	209.6	646.2	M	Cerebrovascular disease	430-438/I60-I69
1.7	3.4	5.3	7.4	11.7	16.2	29.9	64.6	144.4	645.3	F		
5.7	9.7	15.4	27.6	46.3	66.5	102.1	173.2	364.6	1422.6	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
2.0	3.4	5.9	8.8	13.5	21.6	36.2	80.7	187.5	1245.4	F		
0.6	1.3	2.6	4.5	8.6	16.5	25.9	49.8	95.1	260.6	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
0.5	0.8	1.3	2.3	3.5	6.1	10.4	15.8	34.7	107.3	F		
1.7	2.1	4.7	8.8	15.9	25.2	41.5	81.4	166.2	616.6	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
0.7	1.2	2.3	4.0	6.2	8.9	15.6	31.6	72.5	413.7	F		
0.3	0.1	0.3	0.7	1.1	1.7	2.1	4.2	4.7	19.2	M	Peptic ulcer	531-533/K25-K27
0.1	0.1	0.2	0.5	0.4	0.5	1.0	2.2	4.1	13.9	F		
3.6	9.9	18.8	31.8	44.2	51.0	46.0	44.3	48.7	34.3	M	Liver cirrhosis	571/K70, K74
1.2	2.7	6.7	11.0	14.1	16.8	15.1	15.8	17.8	12.5	F		
0.3	0.3	0.7	1.7	4.3	6.1	13.3	21.6	47.8	206.4	M	Renal disease	580-590/N00-N19
0.2	0.3	0.7	1.0	2.1	2.8	5.4	13.8	30.6	138.2	F		
0.7	0.3	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
1.6	0.8	2.1	1.9	2.4	3.2	1.7	1.8	2.4	2.5	M	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.8	0.9	1.4	1.0	1.7	2.1	1.7	1.2	1.3	2.5	F		
22.3	30.3	38.3	57.7	74.1	79.9	90.8	131.7	208.7	757.4	M	Ill-defined causes	780-799/R00-R99
8.0	10.6	13.6	19.0	24.1	30.7	44.5	65.5	125.3	833.6	F		
17.2	28.1	43.0	65.0	84.0	110.4	145.4	252.4	506.3	1736.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
7.8	12.1	18.6	30.1	40.1	58.8	88.3	167.0	364.2	1811.5	F		
60.2	66.6	75.0	80.1	77.8	70.4	80.0	111.7	184.4	517.2	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
14.6	20.1	24.9	29.9	29.8	31.8	37.7	53.7	93.0	385.7	F		
12.1	9.6	9.5	9.2	6.9	6.2	7.6	7.7	10.4	18.1	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
1.8	1.7	2.7	2.9	1.7	3.1	3.9	4.5	6.0	6.5	F		
0.8	1.0	1.5	1.6	1.7	0.7	1.8	1.0	1.4	3.4	M	Fire	E890-E899/X00-X09
0.3	0.6	0.5	0.9	0.5	0.8	0.5	1.5	1.3	2.7	F		
30.4	36.2	41.1	40.0	35.2	27.1	25.9	35.5	46.0	76.8	M	Suicide	E950-E959/X60-X84
8.2	12.0	13.5	15.9	14.9	12.4	12.4	12.5	11.9	13.8	F		
2107	2136	2160	2037	1982	1938	1273	1131	975	1180	M	POPULATION	
2150	2180	2205	2123	2079	2026	1322	1305	1302	2231	F	(1000s; UN, 2015 revision)	

## FRANCE: 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	– / 8.1	– / 3.9	–
35–69	29 / 86	6.2 / 41	25 years
70+	28 / 180	8.7 / 218	7 years
All ages	58 / 274	15 / 263	16 years

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

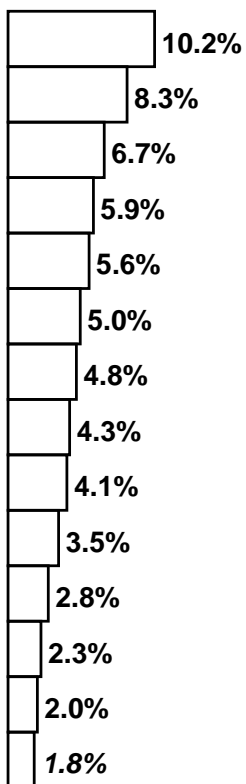
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	11/12	9.0/10	20/22	–/0.0	2.6/3.8	1.8/3.5	4.5/7.3
All Cancer	–/0.7	16/36 (45%)	14/52 (26%)	30/89	–/0.6	3.3/21 (15%)	2.4/41 (6%)	5.6/63
Vascular	–/0.4	5.9/14	7.0/52	13/67	–/0.2	1.2/4.9	3.0/72	4.2/77
Respiratory	–/0.1	1.5/2.8	4.2/15	5.7/17	–/0.1	0.4/1.1	1.6/14	2.1/16
All Other	–/7.0	5.5/33	3.6/60	9.1/100	–/3.0	1.3/14	1.7/91	3.0/108
All Causes	–/8.1	29/86 (34%)	28/180 (16%)	58/274	–/3.9	6.2/41 (15%)	8.7/218 (4%)	15/263

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

Cause	Male	Female	Male + Female
All Cancer	30 / 89 (34%)	5.6 / 63 (9%)	36 / 153 (23%)
All Causes	58 / 274 (21%)	15 / 263 (6%)	73 / 537 (14%)

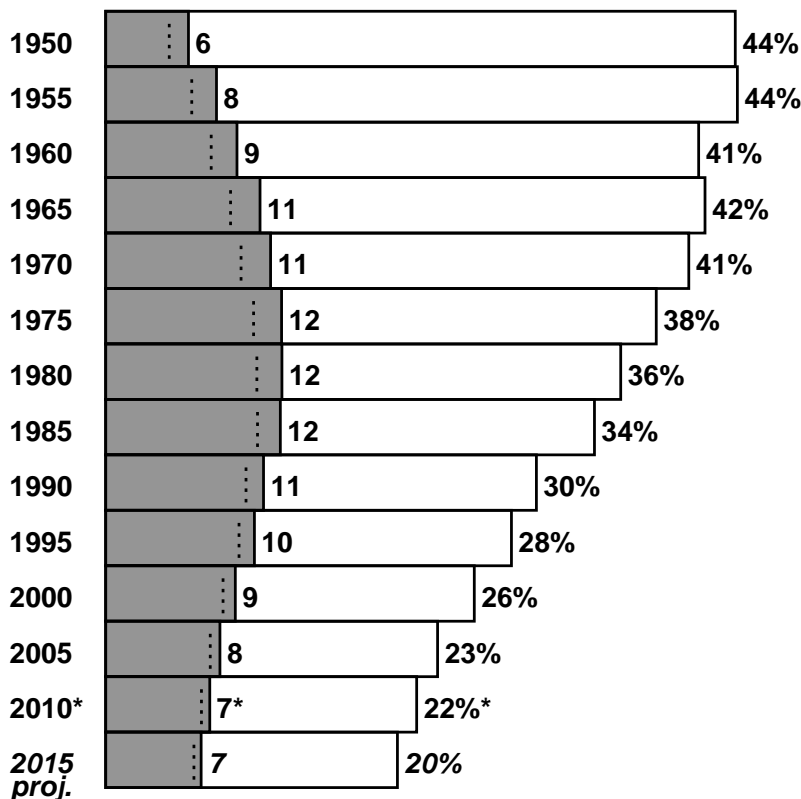
1950-2015: FRANCE

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)

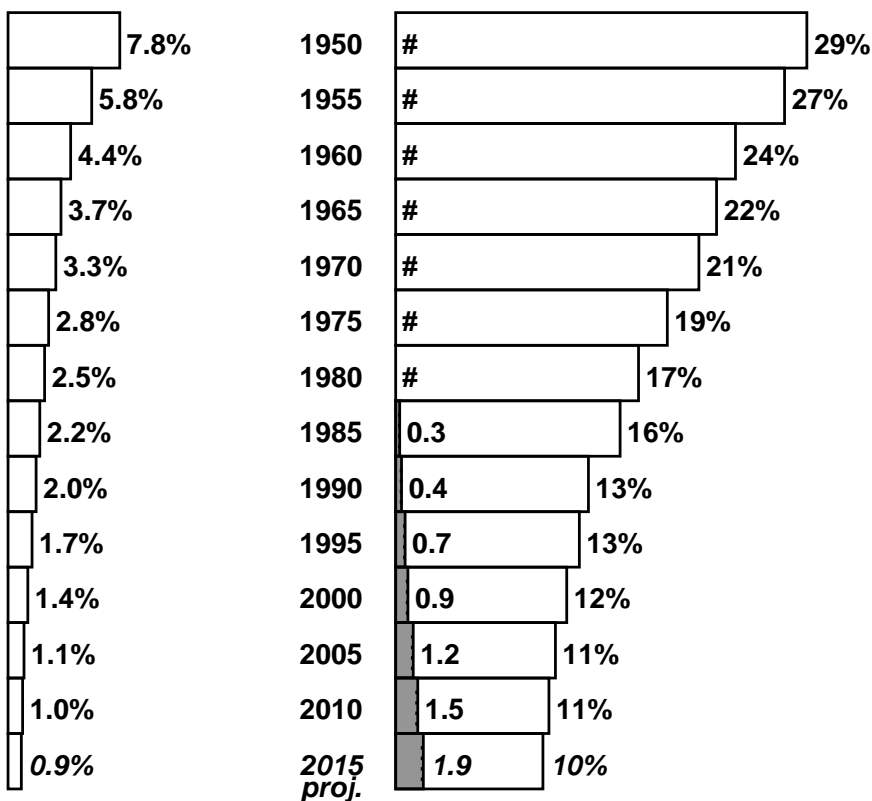
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 22 would die before age 70 (with 7 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



# Real risk too low to estimate reliably

## FRANCE: 1950-2015

*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	– / 7.2	– / 3.6	–
35–69	29 / 88	8.4 / 45	25 years
70+	27 / 179	9.8 / 212	7 years
All ages	56 / 275	18 / 260	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	–/31	21/115 (19%)	5.0/126 (4%)	26/272	–/21	0.0/78	0.0/161	0.0/261
1965	–/24	33/125 (26%)	12/127 (9%)	45/276	–/14	0.0/68	0.0/178	0.0/259
1975	–/21	37/117 (32%)	25/148 (17%)	62/286	–/11	0.0/57	0.0/197	0.0/265
1985	–/18	37/102 (36%)	30/163 (19%)	68/283	–/8.9	0.7/45 (2%)	1.2/209 (0.6%)	1.9/262
1995	–/15	36/99 (37%)	32/161 (20%)	68/274	–/6.6	2.2/43 (5%)	4.7/206 (2%)	6.9/256
2005	–/9.2	30/86 (35%)	30/174 (17%)	60/269	–/4.3	4.7/40 (12%)	7.3/212 (3%)	12/256
2015 proj.	–/7.2	29/88 (33%)	27/179 (15%)	56/275	–/3.6	8.4/45 (19%)	9.8/212 (5%)	18/260

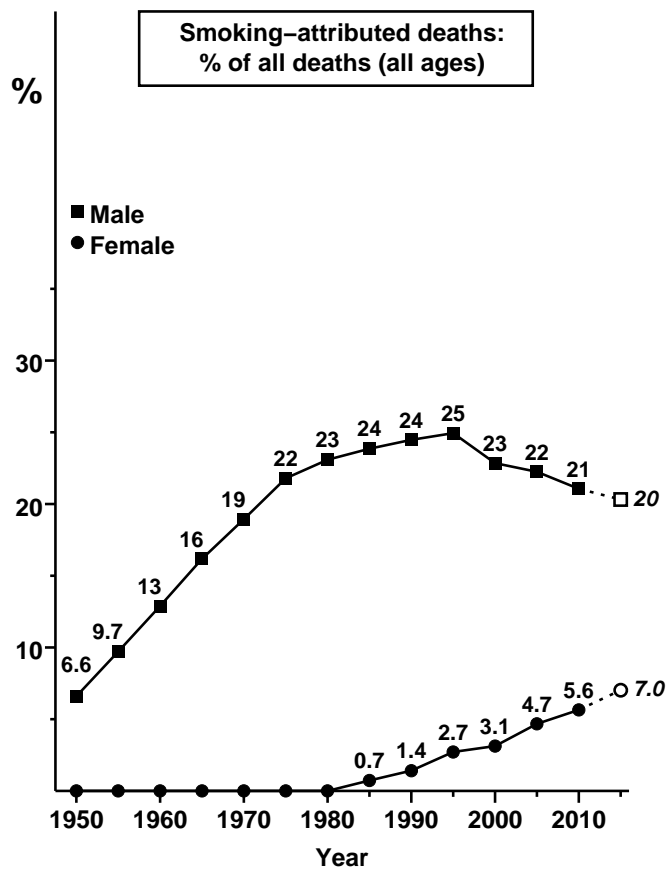
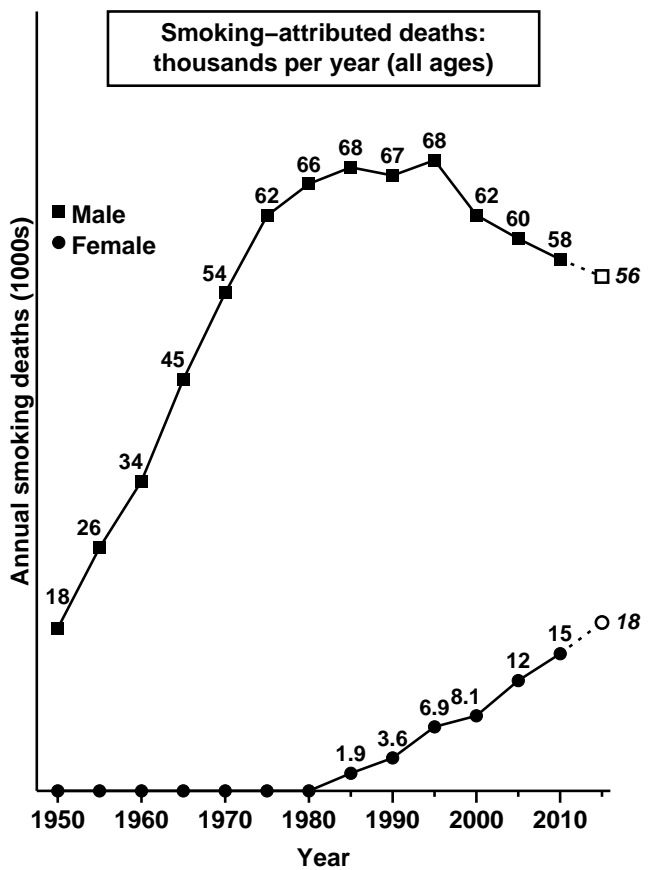
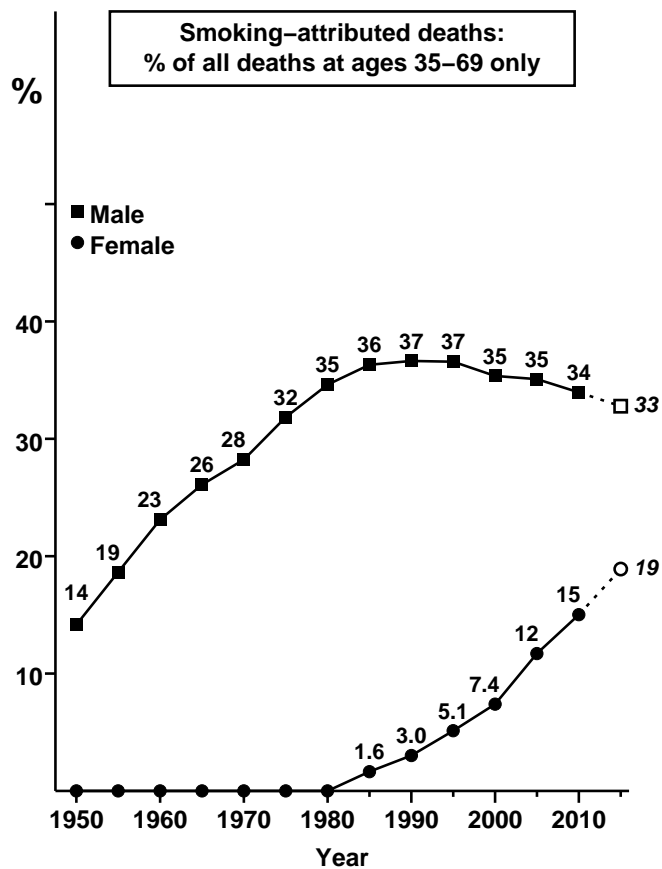
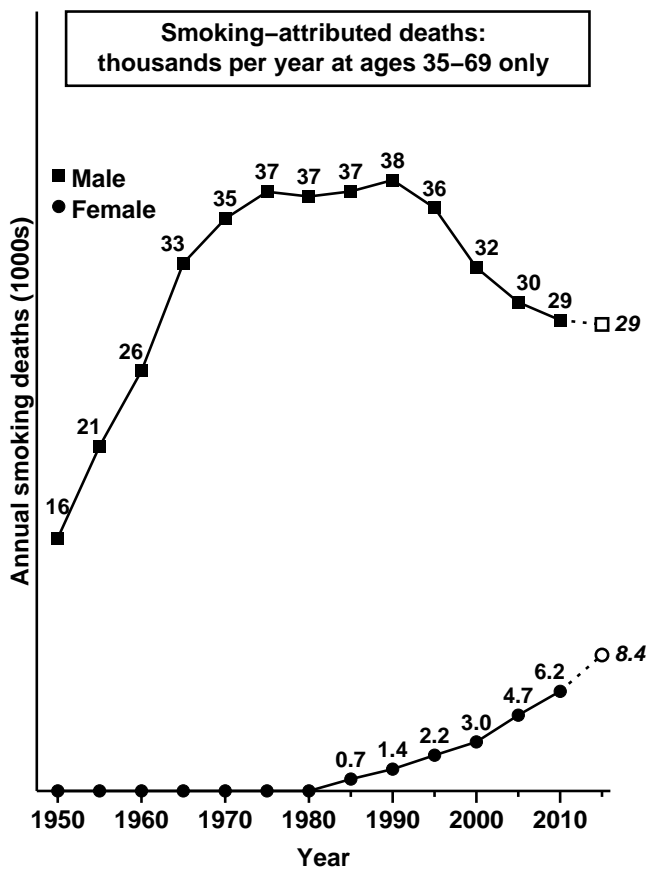
60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 4.0 / 32M

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

1960–2020, by age & sex:

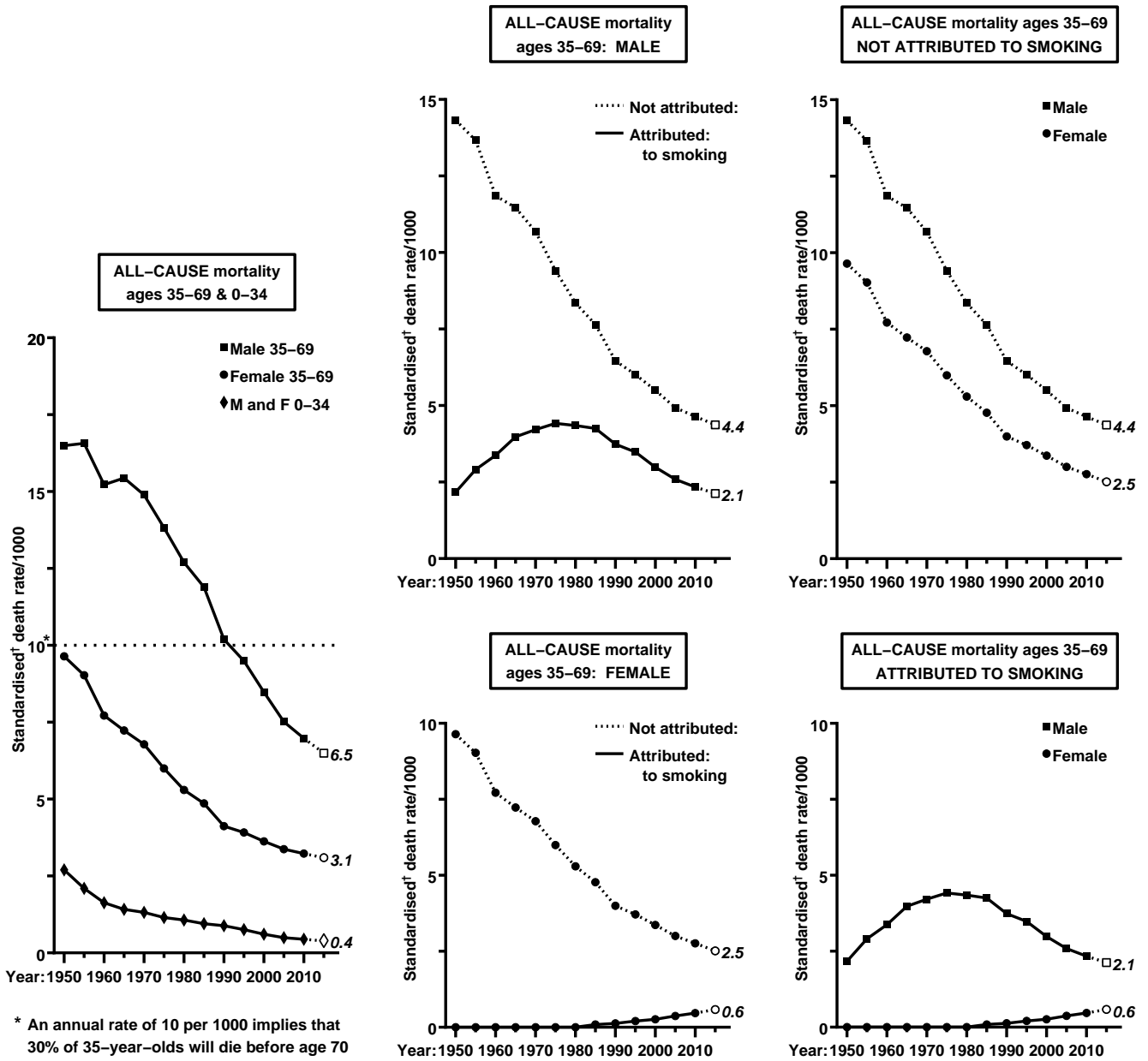
–/0.9M	2.0/6.2M (33%)	1.6/9.5M (16%)	3.6/17M	–/0.5M	0.16/3.0M (5%)	0.23/12M (2%)	0.39/16M
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1950-2015: FRANCE



**FRANCE: 1950-2015**

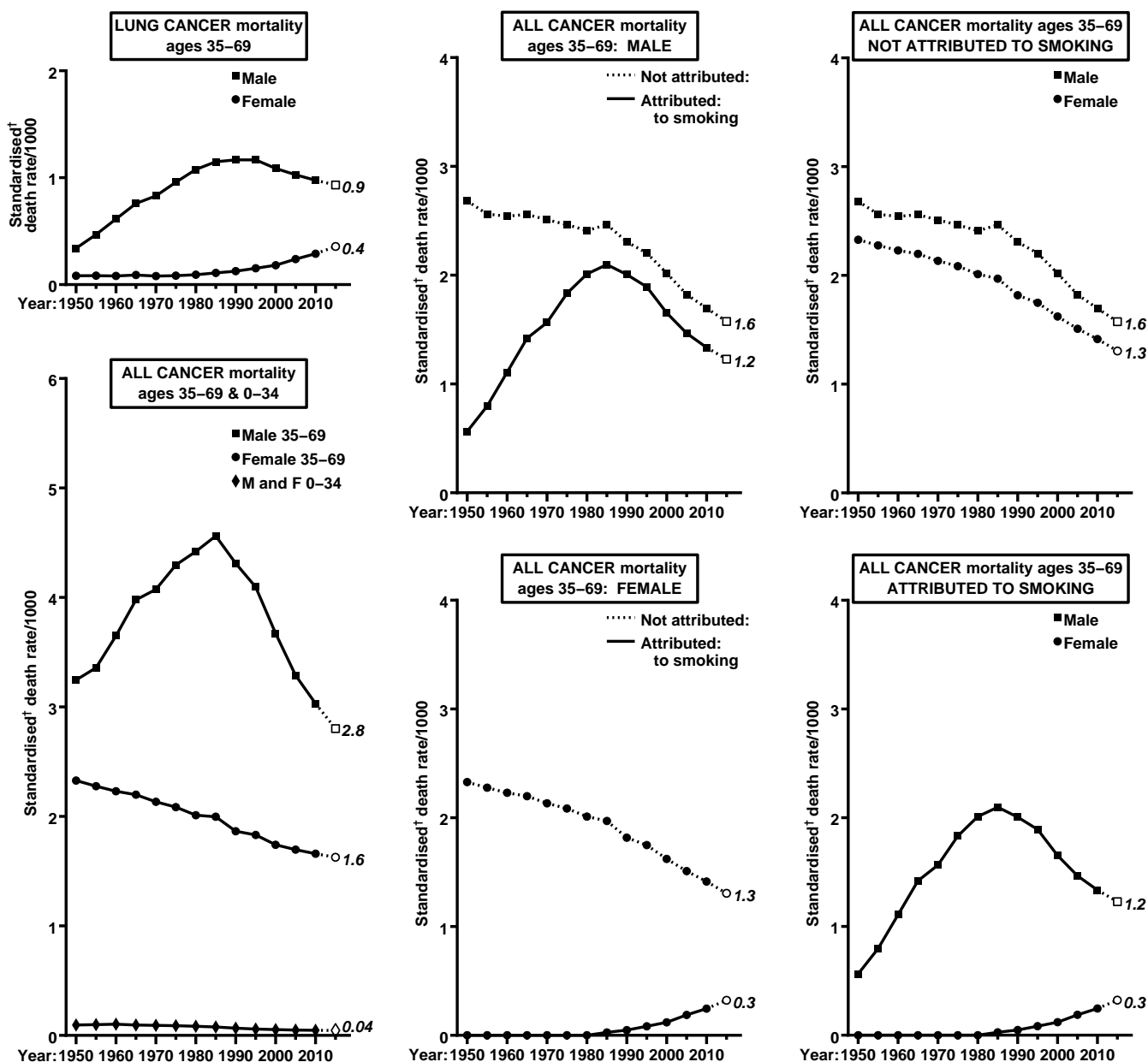
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



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	No	Yes	No	Yes	No		
1950	-	-	3.08	2.17	14.3	1.60	80.2	-	2.32	0.00	9.64	0.00	58.3
1955	-	-	2.47	2.91	13.7	3.89	79.0	-	1.72	0.00	9.03	0.00	56.4
1960	-	-	1.98	3.37	11.9	5.48	70.6	-	1.27	0.00	7.72	0.00	49.7
1965	-	-	1.75	3.98	11.5	8.11	66.7	-	1.07	0.00	7.23	0.00	46.1
1970	-	-	1.66	4.21	10.7	11.2	62.9	-	0.97	0.00	6.78	0.00	43.7
1975	-	-	1.47	4.42	9.40	12.9	57.0	-	0.82	0.00	5.99	0.00	39.0
1980	-	-	1.39	4.34	8.35	12.9	51.2	-	0.74	0.00	5.29	0.00	33.9
1985	-	-	1.25	4.25	7.64	12.1	45.4	-	0.64	0.09	4.77	0.21	29.6
1990	-	-	1.20	3.73	6.46	11.7	39.1	-	0.56	0.12	3.99	0.47	25.2
1995	-	-	1.02	3.48	6.01	10.7	36.3	-	0.48	0.20	3.71	0.63	22.9
2000	-	-	0.81	2.98	5.50	8.58	32.0	-	0.40	0.26	3.37	0.68	19.4
2005	-	-	0.66	2.59	4.93	7.39	28.3	-	0.32	0.37	3.00	0.84	17.2
2010	-	-	0.59	2.33	4.64	6.14	24.8	-	0.29	0.46	2.76	0.88	15.2
2015	-	-	0.53	2.12	4.37	5.13	21.6	-	0.27	0.58	2.51	0.91	13.4

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

ALL CANCER mortality rates attributed and not attributed to smoking



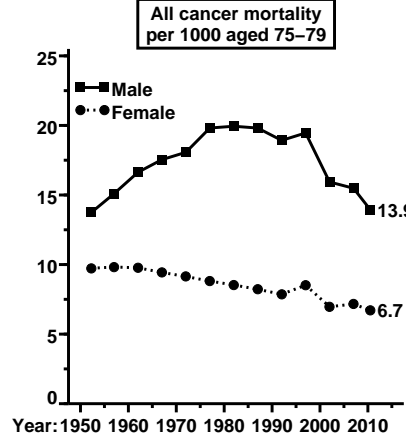
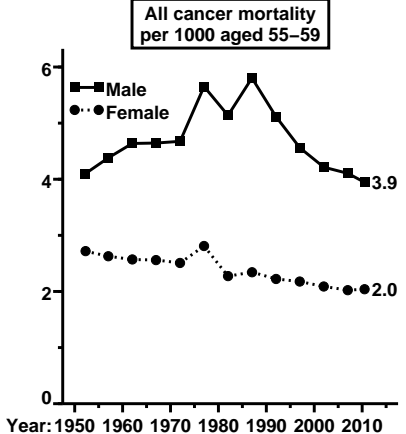
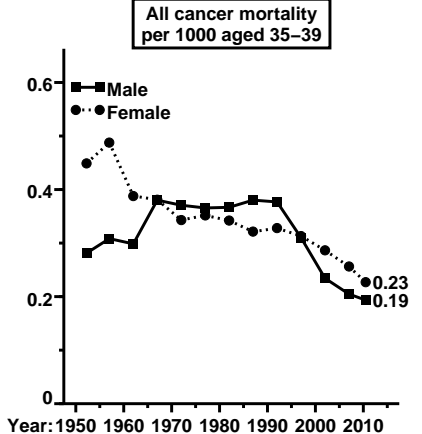
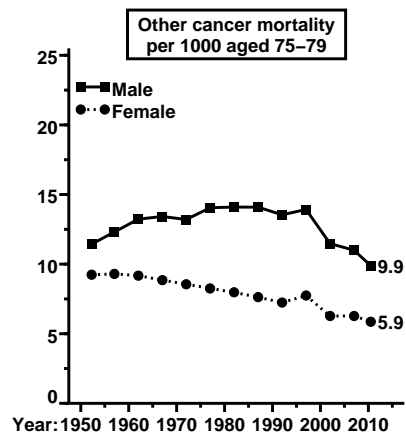
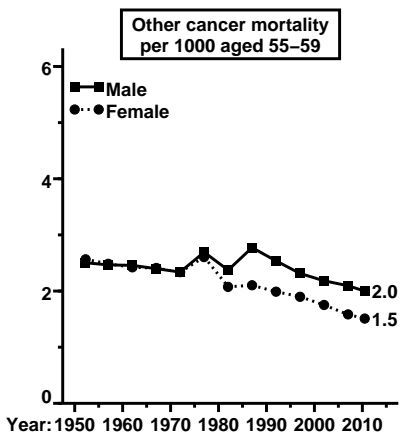
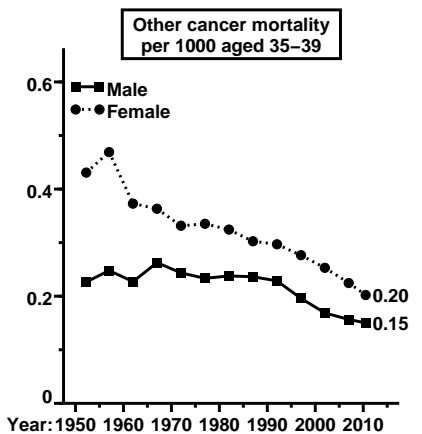
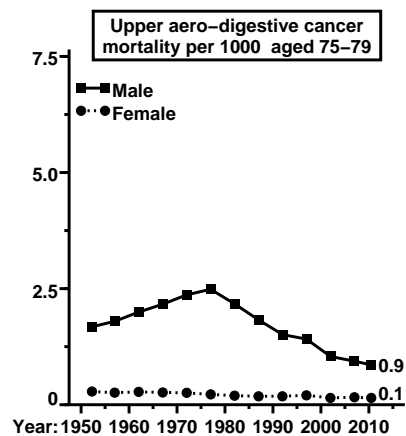
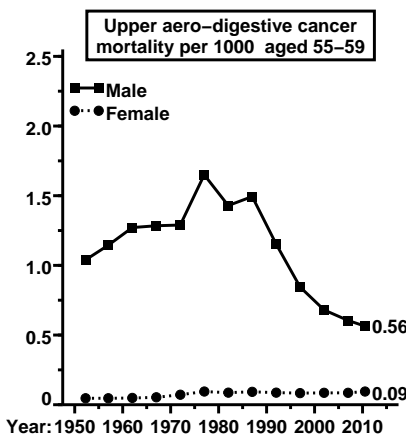
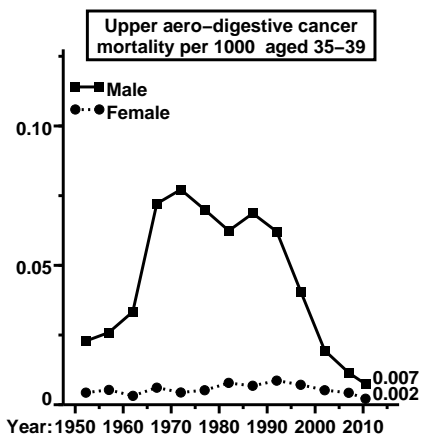
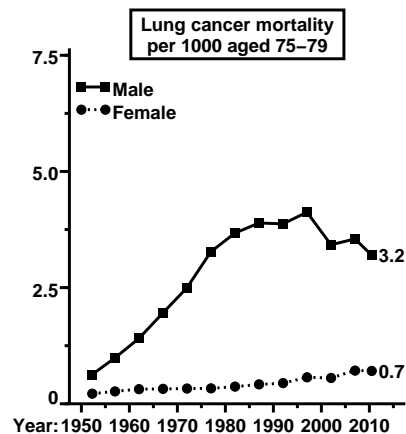
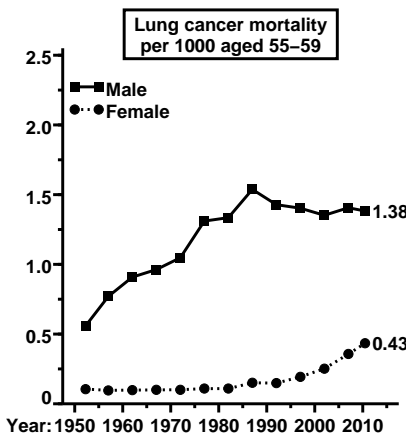
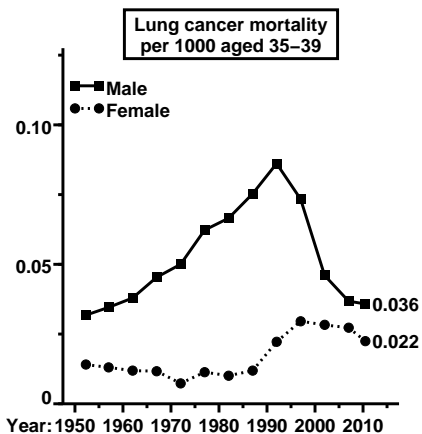
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	-	0.10	0.56	2.68	0.41	11.7	-	0.09	0.00	2.33	0.00	8.49		
1955	-	0.10	0.80	2.56	1.04	12.0	-	0.09	0.00	2.28	0.00	8.50		
1960	-	0.11	1.11	2.54	1.68	12.6	-	0.09	0.00	2.23	0.00	8.38		
1965	-	0.10	1.42	2.56	2.65	12.6	-	0.09	0.00	2.20	0.00	8.28		
1970	-	0.10	1.56	2.51	3.67	12.5	-	0.08	0.00	2.13	0.00	7.94		
1975	-	0.10	1.83	2.46	4.62	12.5	-	0.08	0.00	2.08	0.00	7.72		
1980	-	0.09	2.01	2.41	5.25	12.2	-	0.07	0.00	2.01	0.00	7.37		
1985	-	0.08	2.10	2.46	5.31	11.9	-	0.07	0.03	1.97	0.05	7.06		
1990	-	0.07	2.01	2.31	5.58	11.9	-	0.06	0.05	1.82	0.13	7.09		
1995	-	0.06	1.89	2.20	5.28	11.4	-	0.05	0.08	1.75	0.20	6.89		
2000	-	0.06	1.65	2.02	4.51	10.2	-	0.05	0.12	1.62	0.25	6.09		
2005	-	0.05	1.47	1.82	4.21	9.55	-	0.04	0.19	1.51	0.36	5.81		
2010	-	0.05	1.33	1.70	3.71	8.65	-	0.04	0.25	1.41	0.41	5.49		
2015	-	0.05	1.23	1.57	3.28	7.82	-	0.04	0.32	1.30	0.47	5.17		

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

**FRANCE: 1950-2011**

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

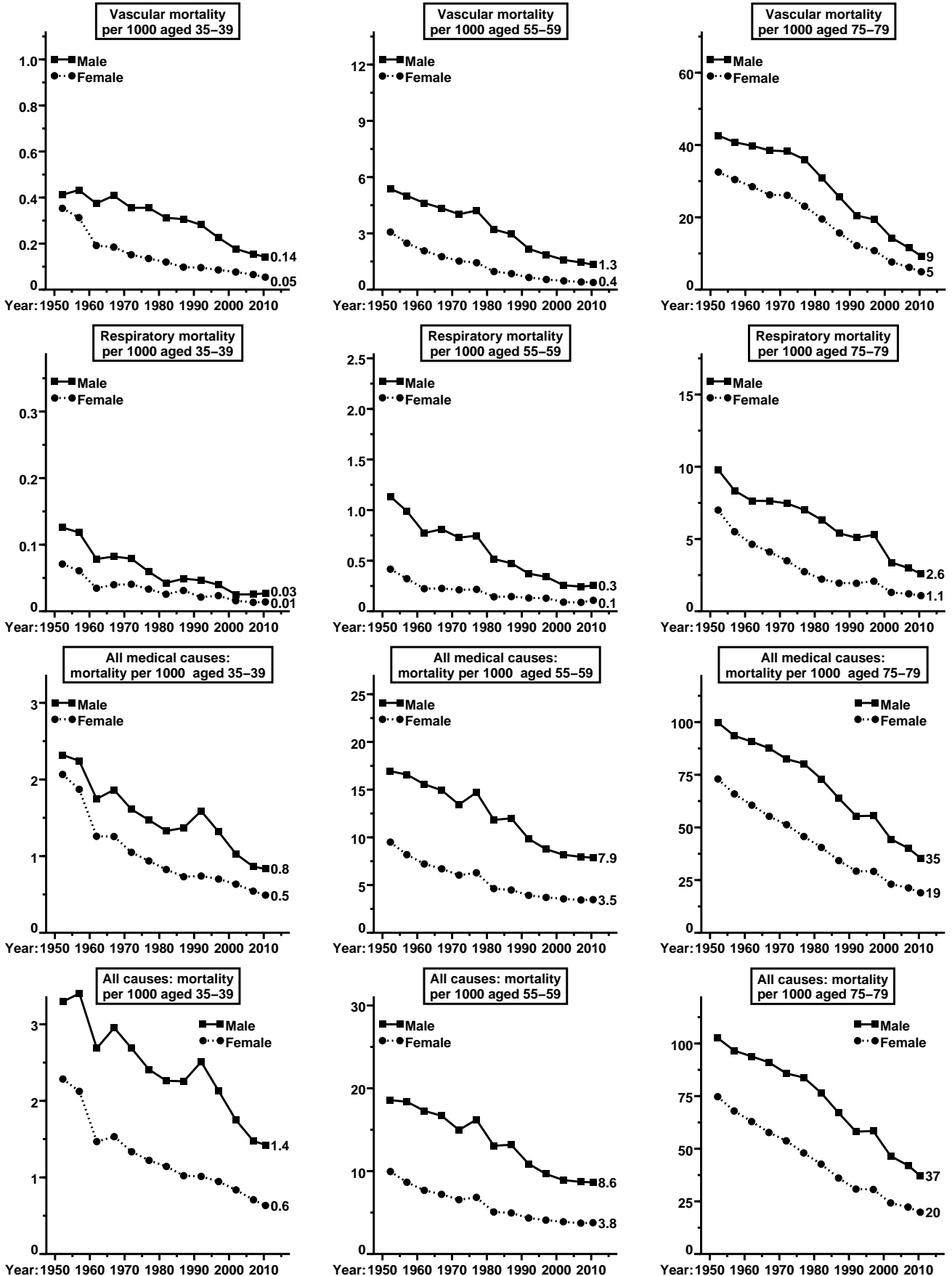


\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11



1950-2011: FRANCE

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

## GERMANY: 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	409022	7376	123552	696.4	48.3	710.2	90.7	9.4	10.9	35.4	52.9	62.8	76.0
	F	449746	3863	65779	461.1	27.6	368.4	76.9	8.2	7.5	18.3	22.3	25.4	34.8
Tuberculosis	M	225	2	80	0.4	0.0	0.4	-	-	-	-	-	-	0.1
	F	125	3	17	0.1	0.0	0.1	-	-	-	0.1	-	0.1	-
Other infective and parasitic	M	6972	118	2052	11.9	0.8	11.5	2.0	0.3	0.2	0.6	0.2	0.9	1.3
	F	8074	76	1089	8.2	0.6	6.1	2.0	0.3	0.1	0.3	0.2	0.4	0.8
ALL CANCER	M	118208	714	44746	202.6	4.5	263.2	1.9	2.1	2.2	3.7	4.5	6.3	10.7
	F	100691	628	32608	130.8	4.1	182.9	1.9	2.1	1.6	2.5	3.0	6.2	11.2
Mouth and pharynx cancer	M	3816	11	2595	7.3	0.1	14.6	-	-	-	-	0.1	0.1	0.3
	F	1204	9	600	1.8	0.1	3.3	-	-	-	-	0.1	0.2	0.1
Oesophagus cancer	M	3837	10	2098	7.0	0.1	12.1	-	-	-	-	-	0.1	0.3
	F	1142	1	454	1.6	0.0	2.6	-	-	-	-	-	-	0.0
Stomach cancer	M	5777	20	2132	9.9	0.1	12.3	-	-	-	-	0.0	0.3	0.5
	F	4400	20	1120	5.2	0.1	6.2	-	-	-	-	0.1	0.3	0.5
Colorectal cancer	M	13489	29	4554	22.7	0.2	27.0	-	-	-	0.1	0.2	0.3	0.7
	F	12510	34	2721	14.2	0.2	15.4	-	0.1	-	-	0.1	0.4	1.0
Liver cancer	M	3779	16	1501	6.5	0.1	9.0	0.1	0.1	-	0.1	0.0	0.2	0.3
	F	1429	10	354	1.7	0.1	2.0	0.1	-	-	0.1	-	0.2	0.1
Pancreas cancer	M	7538	11	3141	13.0	0.1	18.6	-	-	0.1	-	0.0	0.2	0.2
	F	7950	10	2138	9.8	0.1	12.2	-	-	-	0.1	-	0.0	0.3
Larynx cancer	M	1261	1	668	2.3	0.0	3.9	-	-	-	-	-	-	0.0
	F	188	2	89	0.3	0.0	0.5	-	-	-	-	-	-	0.0
Lung cancer	M	29381	29	12895	51.1	0.2	76.5	0.2	-	-	0.1	0.2	0.3	0.5
	F	13627	20	6391	20.3	0.1	36.1	0.1	-	-	0.1	-	0.2	0.6
Malignant melanoma	M	1568	25	720	2.8	0.1	4.0	-	-	-	0.1	0.1	0.3	0.6
	F	1143	21	455	1.6	0.1	2.4	-	-	-	0.1	0.1	0.3	0.5
Female breast cancer	F	17466	87	7020	24.5	0.5	38.8	-	-	-	-	0.1	0.6	3.0
Cervix cancer	F	1524	29	873	2.6	0.2	4.6	-	-	-	-	0.1	0.3	0.9
Other uterine cancer	F	2433	2	712	3.0	0.0	4.1	-	-	-	-	-	-	0.1
Ovarian cancer	F	5718	25	2110	7.8	0.2	11.8	0.1	-	-	0.1	0.1	0.3	0.4
Prostate cancer	M	12676	3	2185	20.0	0.0	13.7	-	-	-	-	0.0	-	0.1
Bladder cancer	M	3631	2	801	5.8	0.0	4.8	-	-	-	-	-	-	0.1
	F	1885	4	287	1.9	0.0	1.6	-	-	-	-	-	0.2	-
Other and ill-defined cancer sites	M	22189	395	8537	38.6	2.5	49.6	1.3	1.7	1.5	1.9	2.3	3.4	5.6
	F	19774	231	5446	24.6	1.5	30.7	1.1	1.1	1.1	1.2	1.4	2.2	2.6
Hodgkin's disease	M	169	10	70	0.3	0.1	0.4	-	0.1	-	0.1	-	0.1	0.2
	F	147	9	40	0.2	0.1	0.2	-	-	-	0.1	0.1	0.0	0.2
Myeloma and non- Hodgkin lymphomas	M	5154	41	1700	8.7	0.3	10.0	-	0.1	0.1	0.5	0.4	0.2	0.5
	F	4846	22	1051	5.6	0.1	6.1	0.1	0.1	-	0.1	0.1	0.3	0.2
Leukaemia	M	3943	111	1149	6.7	0.7	6.8	0.4	0.2	0.6	0.9	1.2	0.8	0.8
	F	3305	92	747	4.0	0.6	4.2	0.4	0.7	0.4	0.7	0.7	0.7	0.7
Diabetes	M	9579	45	2426	15.8	0.3	14.2	-	0.1	-	0.1	0.3	0.4	0.9
	F	13552	18	1007	12.3	0.1	5.8	-	-	-	0.1	0.1	0.3	0.3
ALL VASCULAR DISEASE	M	149471	456	32819	242.8	2.8	191.3	1.3	0.6	1.0	1.8	3.1	4.5	7.3
	F	203218	292	11965	175.6	1.9	68.0	2.3	0.6	0.4	1.5	2.2	2.8	3.8
Rheumatic heart disease and fever	M	753	1	132	1.2	0.0	0.8	0.1	-	-	-	-	-	-
	F	1584	4	83	1.4	0.0	0.5	-	-	-	-	0.1	-	0.1
Hypertensive disease	M	9447	11	1424	15.0	0.1	8.3	-	-	0.1	-	0.1	0.0	0.3
	F	22819	5	659	18.3	0.0	3.8	0.1	-	-	-	-	0.0	0.1
Ischaemic heart disease	M	67403	80	16474	110.1	0.5	96.0	0.1	-	0.1	-	0.5	0.7	2.1
	F	65723	23	4314	57.6	0.1	24.8	-	-	-	-	0.2	0.4	0.4
Pulmonary embolism and other venous	M	3885	37	1422	6.7	0.2	8.1	-	-	0.1	0.1	0.3	0.4	0.6
	F	5881	54	893	6.1	0.3	4.9	-	0.1	-	0.2	0.8	0.5	0.8
Cerebrovascular disease	M	23576	84	4270	37.7	0.5	25.1	0.2	0.3	0.3	0.3	0.5	0.8	1.2
	F	37974	63	2500	33.5	0.4	14.0	0.4	-	0.2	0.3	0.3	0.7	1.0
Other vascular disease	M	44407	243	9097	72.0	1.5	53.0	1.1	0.3	0.5	1.4	1.7	2.6	3.1
	F	69237	143	3516	58.6	1.0	20.1	1.7	0.5	0.3	0.9	0.8	1.2	1.4
Chronic obstructive pulmonary disease	M	16448	28	3611	26.5	0.2	22.0	0.1	0.1	0.1	0.1	0.2	0.2	0.5
	F	12749	21	2267	13.6	0.1	13.2	-	0.1	0.1	0.1	0.3	0.1	0.2
Other respiratory disease	M	15561	104	2518	24.8	0.7	15.0	1.5	0.1	-	0.7	0.8	0.7	1.1
	F	15757	60	1156	14.2	0.4	6.5	0.5	0.3	0.4	0.3	0.3	0.3	0.7
Peptic ulcer	M	1226	4	321	2.0	0.0	1.9	-	-	-	0.1	0.0	0.1	-
	F	1637	1	161	1.5	0.0	0.9	-	0.1	-	-	-	-	-
Liver cirrhosis	M	9529	84	6465	18.4	0.5	35.2	0.1	0.1	-	-	-	1.0	2.5
	F	4758	26	2796	7.9	0.2	15.2	-	-	-	0.1	0.1	0.2	0.8
Renal disease	M	6607	16	872	10.4	0.1	5.2	0.1	0.1	0.1	0.1	0.0	0.1	0.2
	F	8600	11	463	7.5	0.1	2.7	-	-	-	-	0.1	0.2	0.1
Pregnancy, birth	F	37	27	10	0.1	0.2	0.1	-	-	-	0.1	0.2	0.4	0.4
Congenital and perinatal causes	M	1470	1155	270	5.8	9.4	1.4	59.8	0.8	1.1	1.1	1.0	0.9	0.8
	F	1294	959	256	5.2	8.2	1.4	53.3	1.0	0.8	0.6	0.9	0.6	0.5
Ill-defined causes	M	12655	535	6519	24.1	3.7	35.8	10.7	0.5	0.4	1.7	2.0	3.9	6.5
	F	10961	248	2420	12.8	1.8	13.2	6.8	0.3	0.2	1.1	1.0	1.7	1.9
Other medical causes	M	40884	946	11691	69.8	6.1	65.1	7.6	1.7	2.2	3.7	6.1	7.8	13.4
	F	55168	494	6486	53.9	3.4	36.0	5.8	1.7	2.1	2.1	3.1	4.0	5.1
ALL NON- MEDICAL CAUSES	M	20187	3169	9162	41.1	19.3	48.0	5.5	2.9	3.5	21.7	34.7	36.0	30.8
	F	13125	999	3078	17.2	6.5	16.2	4.4	1.7	2.0	9.5	10.9	8.1	9.0
Road traffic accidents	M	2589	976	1112	6.1	5.9	5.7	1.0	0.6	1.1	9.8	13.4	9.3	6.2
	F	967	363	315	2.1	2.4	1.6	1.0	0.6	1.1	5.2	4.6	2.2	1.9
Fire	M	226	23	135	0.5	0.1	0.7	0.2	0.1	0.2	0.2	0.1	0.3	0.0
	F	147	8	54	0.2	0.1	0.3	0.2	-	-	0.1	0.0	0.0	0.1
Suicide	M	7465	1231	4326	15.8	7.3	22.3	-	0.1	1.0	6.6	13.4	15.8	14.4
	F	2556	315	1417	4.8	1.9	7.3	-	-	0.3	2.2	3.6	3.3	4.2
POPULATION: (1000s; UN, 2015 revision)			M=male		39412	15062	19510	1715	1843	2025	2154	2471	2526	2329
			F=female		41023	14485	19424	1625	1749	1920	2059	2400	2456	2276

## 2010: GERMANY

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			
111.1	163.3	291.4	505.3	824.9	1236.2	1839.2	2817.7	4994.1	11379.4	M	ALL CAUSES	001-999/A00-Y89
56.3	91.4	162.3	272.7	419.2	647.2	929.3	1476.7	3016.0	10334.0	F		
0.2	0.2	0.4	0.6	0.3	0.5	0.8	1.1	2.4	6.7	M	Tuberculosis	010-018, 137/
0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.4	1.7	2.3	F		A15-A19, B90
3.0	4.3	6.3	9.1	12.8	17.7	27.5	44.0	92.3	198.3	M	Other infective	Rest of 001-139,279.5&.6/
1.5	1.5	2.8	4.6	5.8	10.3	16.2	25.6	63.5	183.7	F	and parasitic	rest of A00-B99 excl A33,A34
18.5	30.8	75.2	166.6	308.6	497.3	745.2	1030.7	1519.1	2276.1	M	ALL CANCER	140-208/C00-C97
23.3	40.1	78.2	137.7	220.9	336.0	444.4	581.6	861.2	1339.6	F		
0.7	1.8	6.5	15.2	22.0	28.1	28.1	25.9	23.7	24.8	M	Mouth and	140-149/C00-C14
0.3	0.6	1.4	3.4	4.9	5.9	6.9	5.6	8.0	11.2	F	pharynx cancer	
0.5	1.1	4.6	9.3	17.1	24.3	28.1	33.0	38.0	38.1	M	Oesophagus cancer	150/C15
0.1	0.1	0.8	1.6	2.8	6.5	6.4	7.2	8.6	12.5	F		
1.4	2.3	4.7	8.6	14.6	23.8	31.0	46.6	77.3	119.7	M	Stomach cancer	151/C16
1.1	1.9	2.8	5.5	7.2	10.8	14.3	21.8	36.8	73.6	F		
1.6	2.9	7.8	14.6	30.3	50.9	80.5	120.5	186.0	288.1	M	Colorectal cancer	153, 154/C18-C21
1.7	3.1	5.8	10.2	16.7	29.0	41.4	67.5	104.8	221.2	F		
0.2	0.5	1.5	5.6	10.2	17.6	27.1	40.0	50.3	54.5	M	Liver cancer	155.0/C22 excl C221
0.1	0.3	0.4	1.4	2.6	3.5	5.9	8.8	13.8	21.4	F		
1.1	2.1	4.9	10.9	22.2	36.5	52.1	71.3	96.0	117.5	M	Pancreas cancer	157/C25
0.4	1.3	3.6	7.2	15.1	22.9	35.1	53.3	82.6	107.0	F		
0.0	0.3	1.2	3.3	5.3	7.4	9.7	9.6	12.7	16.1	M	Larynx cancer	161/C32
0.0	0.1	0.1	0.6	0.8	0.7	1.2	1.3	1.0	1.6	F		
2.2	4.7	16.8	48.3	94.5	146.8	222.0	271.9	378.0	416.2	M	Lung cancer	162/C33, C34
1.9	4.8	12.5	29.9	48.8	73.5	81.3	81.0	109.8	115.2	F		
1.2	1.4	2.3	3.4	4.3	6.9	8.9	12.1	17.8	24.5	M	Malignant melanoma	172/C43
1.0	1.4	1.9	2.1	3.0	3.4	4.4	5.9	7.6	13.7	F		
7.8	11.7	22.0	31.7	47.8	67.0	83.3	100.5	126.6	198.9	F	Female breast cancer	174/C50
1.9	2.9	4.3	5.3	5.6	6.1	5.7	6.7	8.1	11.1	F	Cervix cancer	180/C53
0.3	0.4	1.2	2.1	5.0	7.1	12.5	16.2	21.9	32.9	F	Other uterine cancer	179, 182/C54, C55
1.2	2.1	5.1	9.2	14.5	21.4	29.5	39.4	51.9	59.5	F	Ovarian cancer	183/C56, C570-C574
0.0	0.0	1.0	3.2	9.8	26.0	55.5	101.5	187.8	437.6	M	Prostate cancer	185/C61
0.1	0.2	1.2	2.4	4.7	9.0	16.0	27.1	52.4	116.7	M	Bladder cancer	188/C67
0.1	0.2	0.5	1.1	1.5	3.1	4.9	7.5	15.9	40.1	F		
7.3	9.9	17.0	32.8	57.2	89.5	133.4	189.0	269.6	419.9	M	Other and ill-defined	Rest of 140-199/
4.0	7.2	12.2	21.4	34.2	55.2	80.4	110.4	177.3	291.9	F	cancer sites	rest of C00-C80, C97
0.2	0.2	0.3	0.2	0.3	0.5	0.9	1.2	2.1	2.7	M	Hodgkin's disease	201/C81
0.1	0.1	0.1	0.3	0.1	0.3	0.5	0.6	1.6	1.9	F		
1.2	1.8	3.2	4.9	10.4	18.6	30.0	47.1	70.9	109.3	M	Myeloma and non-	200, 202-203/
0.4	0.8	1.8	2.9	5.7	12.0	18.8	29.8	53.3	74.2	F	Hodgkin lymphomas	C82-C90, C96
0.8	1.4	2.3	4.0	5.8	11.4	21.7	33.8	56.7	90.3	M	Leukaemia	204-208/C91-C95
0.8	1.1	1.7	2.2	4.5	7.4	12.0	18.1	31.6	51.8	F		
1.5	2.6	4.7	8.4	17.0	26.3	38.6	69.3	132.3	290.7	M	Diabetes	250/E10-E14
0.5	0.7	1.4	3.4	5.4	11.1	18.1	41.9	99.7	346.6	F		
16.5	32.9	66.0	124.5	214.5	337.0	547.9	938.8	1920.2	5317.7	M	ALL VASCULAR	390-459/I00-I99
7.9	12.9	23.7	40.7	69.1	117.0	204.7	451.1	1188.0	5660.3	F	DISEASE	
0.1	0.3	0.2	0.6	0.8	1.4	1.9	4.9	11.5	27.4	M	Rheumatic heart	390-398/I00-I09
0.1	0.1	0.1	0.2	0.2	1.0	1.7	4.5	12.4	41.5	F	disease and fever	
0.6	1.2	2.6	5.2	9.3	14.3	25.2	46.7	107.3	421.7	M	Hypertensive disease	401-405/I10-I15
0.1	0.5	1.0	2.0	3.8	6.5	12.7	34.1	101.3	695.9	F		
5.6	14.8	33.1	64.2	111.7	172.0	270.8	456.7	891.2	2200.2	M	Ischaemic heart	410-414/I20-I25
1.5	3.1	6.8	13.8	25.0	45.7	77.8	165.8	420.4	1776.8	F	disease	
1.5	2.0	4.0	5.7	10.3	13.7	19.5	25.6	48.4	92.8	M	Pulmonary embolism	415.1, 451-453/
1.3	1.7	3.2	3.1	5.0	6.5	13.5	22.8	45.9	126.7	F	and other venous	126, 180-182
2.2	4.2	8.5	13.6	24.6	42.2	80.6	148.4	328.8	880.2	M	Cerebrovascular	430-438/I60-I69
2.4	3.5	6.7	9.9	14.3	21.7	39.2	93.5	249.6	1022.6	F	disease	
6.5	10.2	17.7	35.2	57.9	93.5	149.9	256.5	533.0	1695.6	M	Other vascular	Rest of 390-459/
2.5	3.9	6.0	11.7	20.9	35.6	59.8	130.4	358.4	1996.8	F	disease	rest of I00-I99
0.5	1.3	3.7	8.5	20.8	42.1	76.9	124.8	244.7	518.0	M	Chronic obstructive	490-496/
0.5	1.1	2.5	6.2	13.5	28.0	40.7	55.7	112.5	252.4	F	pulmonary disease	J40-J47, J67
1.8	2.2	4.0	7.6	13.5	26.3	49.4	97.9	203.8	613.1	M	Other respiratory	Rest of 460-519/
0.9	1.4	2.6	4.1	6.5	9.4	20.8	41.6	100.9	417.9	F	disease	rest of J00-J98
0.4	0.2	0.7	1.6	2.0	3.2	5.0	8.1	16.0	38.9	M	Peptic ulcer	531-533/K25-K27
0.1	0.1	0.3	0.5	1.3	1.2	2.9	4.8	9.3	42.4	F		
5.9	13.6	23.2	36.4	52.3	58.1	57.0	63.5	62.7	57.1	M	Liver cirrhosis	571/K70, K74
2.2	5.3	9.8	16.3	20.8	26.9	24.9	25.3	27.8	28.6	F		
0.6	0.5	1.0	2.6	4.6	10.0	17.6	38.7	85.2	283.5	M	Renal disease	580-590/N00-N19
0.3	0.4	0.6	1.3	2.0	4.8	9.3	22.7	61.6	230.8	F		
0.3	0.1	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.9	1.0	0.8	1.9	2.0	2.0	1.5	1.0	0.9	0.8	M	Congenital and	740-779/A33,
0.7	0.8	1.0	1.5	2.4	1.8	1.3	0.8	1.1	1.4	F	perinatal causes	P00-P96, Q00-Q99
9.6	13.9	23.8	34.7	45.0	59.7	63.5	75.2	102.0	196.9	M	Ill-defined causes	780-799/R00-R99
2.9	5.7	7.6	11.6	14.8	22.5	27.6	37.0	60.3	224.5	F		
17.1	22.8	38.5	54.7	78.8	99.5	144.4	239.9	476.2	1263.9	M	Other medical causes	Rest of 001-799/
6.3	11.0	17.6	27.5	39.2	58.4	92.3	153.4	355.6	1357.7	F		rest of A00-R99
34.5	37.1	42.9	48.4	52.7	56.5	64.0	84.7	136.2	317.8	M	ALL NON-	E800-E999/V01-Y89
8.9	10.3	14.2	17.3	17.5	19.7	25.8	34.8	72.9	245.6	F	MEDICAL CAUSES	
6.3	4.7	6.5	5.8	5.4	5.5	5.7	7.6	9.8	15.4	M	Road traffic	E810-E819, E826-E829/
1.1	1.4	1.6	2.0	1.9	1.6	1.8	2.7	4.6	5.0	F	accidents	part of V01-V99, Y850
0.2	0.4	0.7	0.8	1.0	0.8	1.0	1.1	1.7	1.7	M	Fire	E890-E899/X00-X09
0.1	0.1	0.4	0.2	0.4	0.3	0.5	0.7	0.7	2.0	F		
16.5	19.8	21.4	24.6	24.9	24.3	24.4	28.6	36.6	60.3	M	Suicide	E950-E959/X60-X84
3.9	5.8	7.3	8.8	7.9	7.6	9.9	9.2	10.6	14.4	F		
2412	3415	3544	3129	2651	2139	2221	2212	1306	1323	M	POPULATION	
2393	3329	3428	3047	2643	2186	2398	2587	1720	2807	F	(1000s; UN, 2015 revision)	

**GERMANY: 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	– / 7.4	– / 3.8	–
35–69	36 / 123	13 / 66	<b>23 years</b>
70+	53 / 277	32 / 379	8 years
All ages	90 / 407	45 / 449	13 years

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

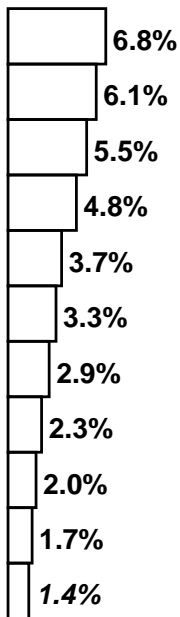
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	12/13	14/16	26/29	–/0.0	4.8/6.5	4.9/7.2	9.7/14
All Cancer	–/0.7	17/45 (38%)	21/73 (29%)	38/118	–/0.6	6.0/33 (18%)	6.4/67 (10%)	12/101
Vascular	–/0.5	11/32	18/116	28/149	–/0.3	3.6/12	15/190	19/203
Respiratory	–/0.1	3.3/6.1	10/26	14/32	–/0.1	1.7/3.4	6.8/25	8.5/29
All Other	–/6.1	5.0/40	4.4/63	9.4/108	–/2.8	2.1/18	3.6/96	5.7/117
All Causes	–/7.4	36/123 (29%)	53/277 (19%)	90/407	–/3.8	13/66 (20%)	32/379 (8%)	45/449

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

Cause	Male	Female	Male + Female
All Cancer	38 / 118 (32%)	12 / 101 (12%)	51 / 219 (23%)
All Causes	90 / 407 (22%)	45 / 449 (10%)	135 / 856 (16%)

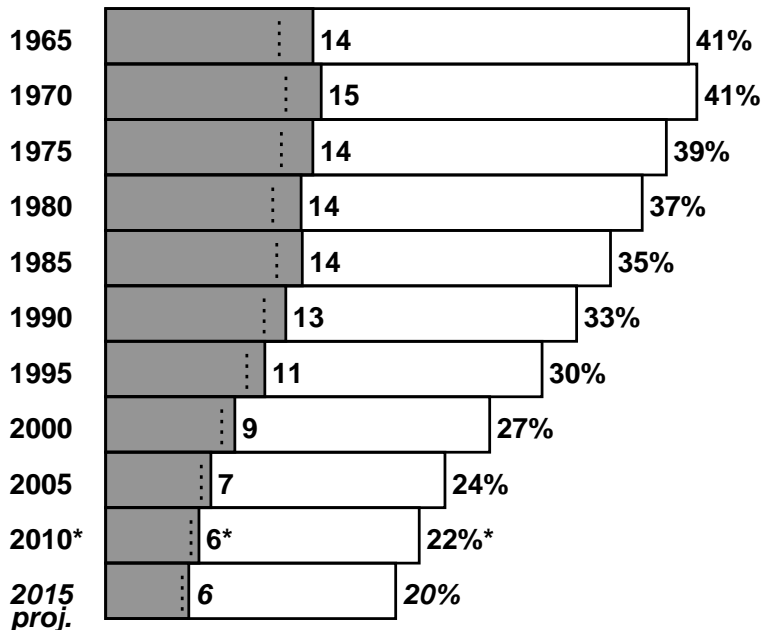
1965-2015: GERMANY

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)

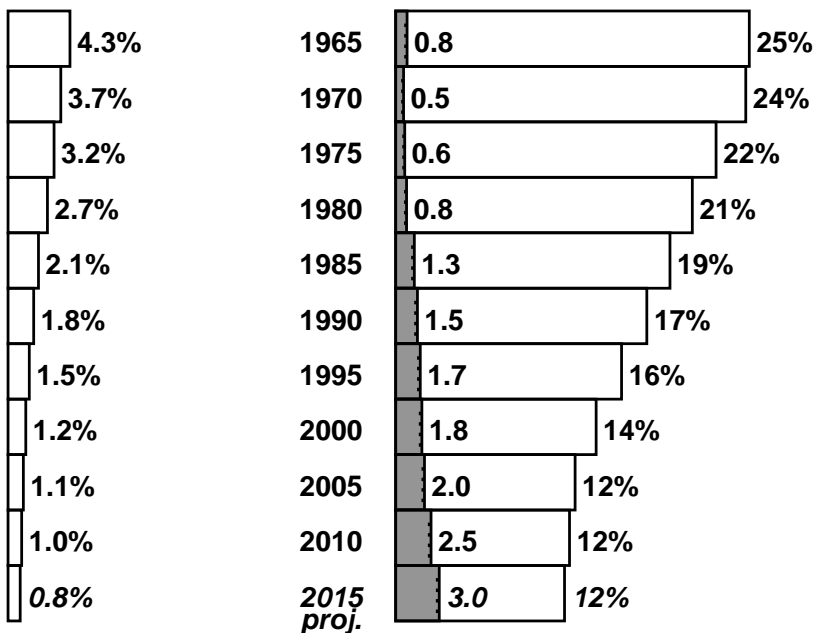
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 22 would die before age 70 (with 6 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



## GERMANY: 1960-2015

*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	– / 6.4	– / 3.4	–
35–69	33 / 116	17 / 65	<b>23 years</b>
70+	53 / 301	36 / 380	7 years
<b>All ages</b>	<b>86 / 423</b>	<b>52 / 449</b>	<b>13 years</b>

## 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	–/42	68/191 <b>(36%)</b>	36/221 <b>(16%)</b>	104/455	–/26	4.5/140 <b>(3%)</b>	4.4/279 <b>(2%)</b>	8.8/445
1975	–/30	64/176 <b>(36%)</b>	68/263 <b>(26%)</b>	132/468	–/16	3.6/126 <b>(3%)</b>	5.1/351 <b>(1%)</b>	8.7/493
1985	–/21	56/144 <b>(39%)</b>	66/267 <b>(25%)</b>	122/431	–/10	6.1/92 <b>(7%)</b>	11/390 <b>(3%)</b>	17/492
1995	–/16	59/163 <b>(36%)</b>	54/229 <b>(24%)</b>	113/408	–/7.4	9.0/83 <b>(11%)</b>	24/383 <b>(6%)</b>	33/473
2005	–/8.9	43/139 <b>(31%)</b>	51/241 <b>(21%)</b>	93/389	–/4.4	11/71 <b>(16%)</b>	27/365 <b>(7%)</b>	39/441
2015 <i>proj.</i>	–/6.4	33/116 <b>(28%)</b>	53/301 <b>(18%)</b>	86/423	–/3.4	17/65 <b>(26%)</b>	36/380 <b>(9%)</b>	52/449

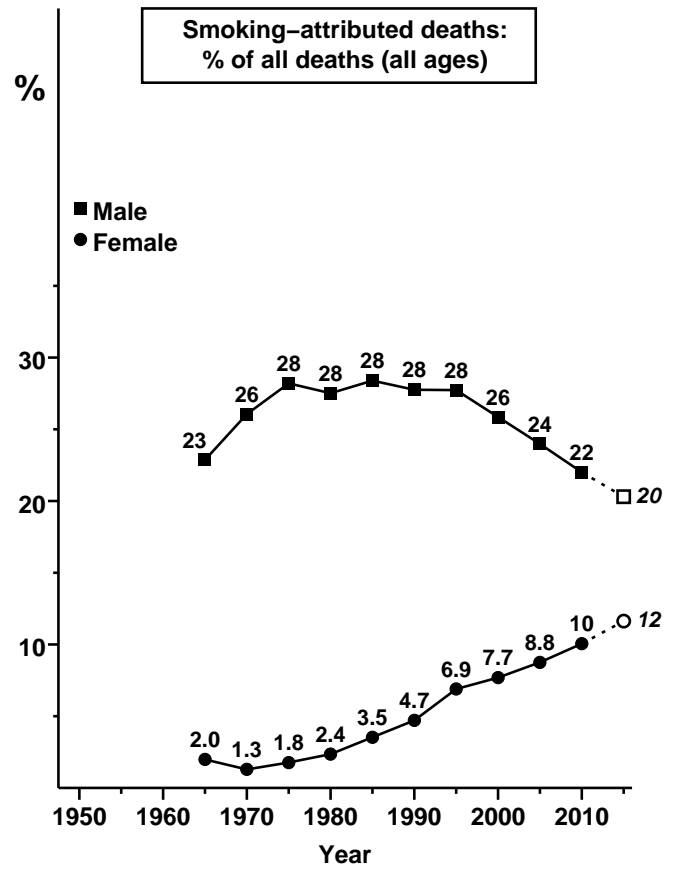
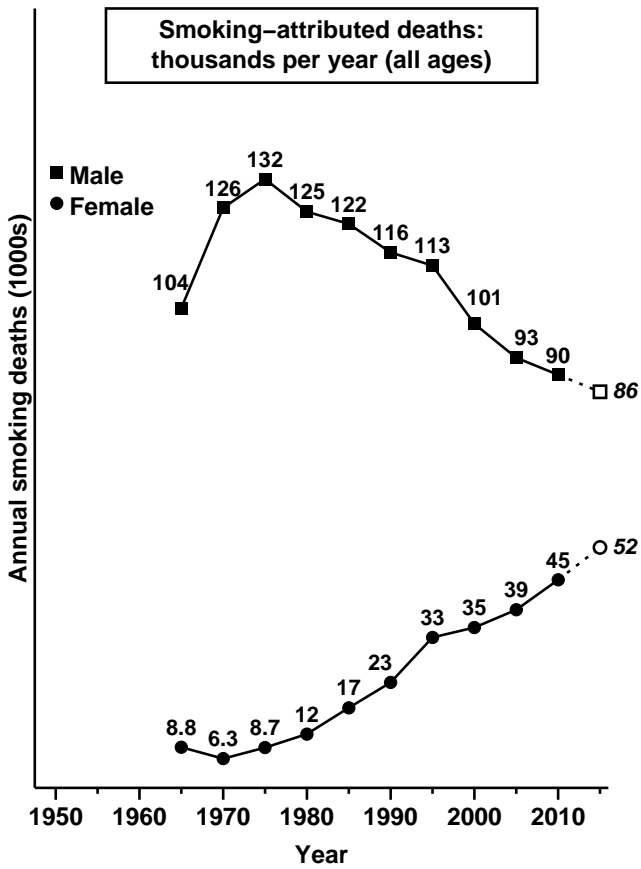
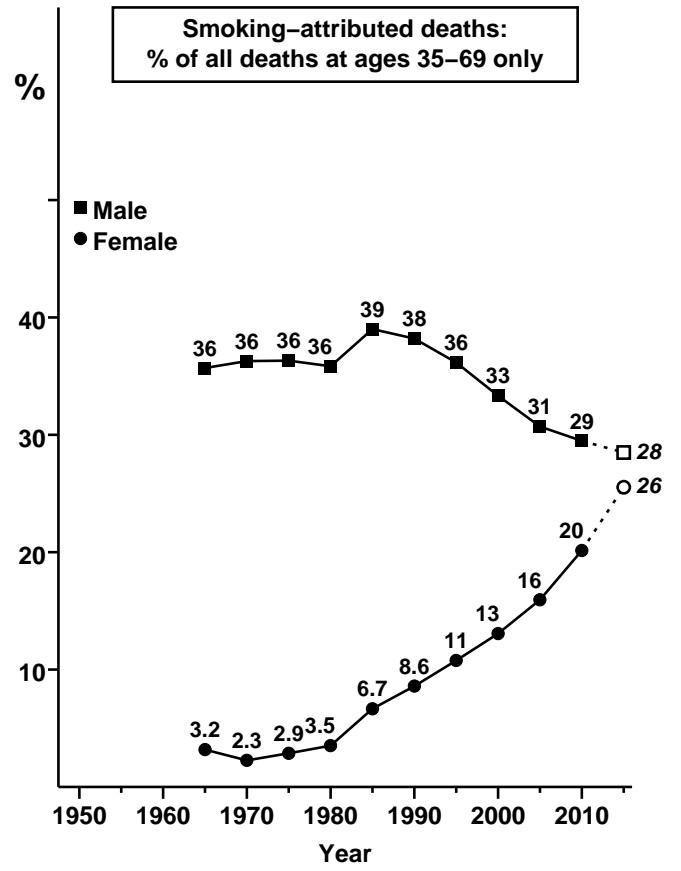
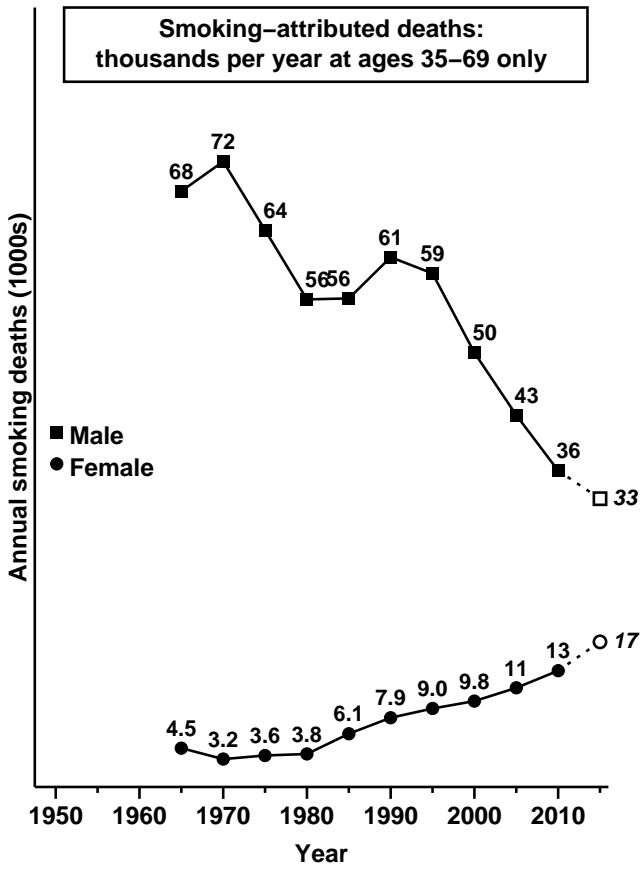
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 8.1 / 54M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

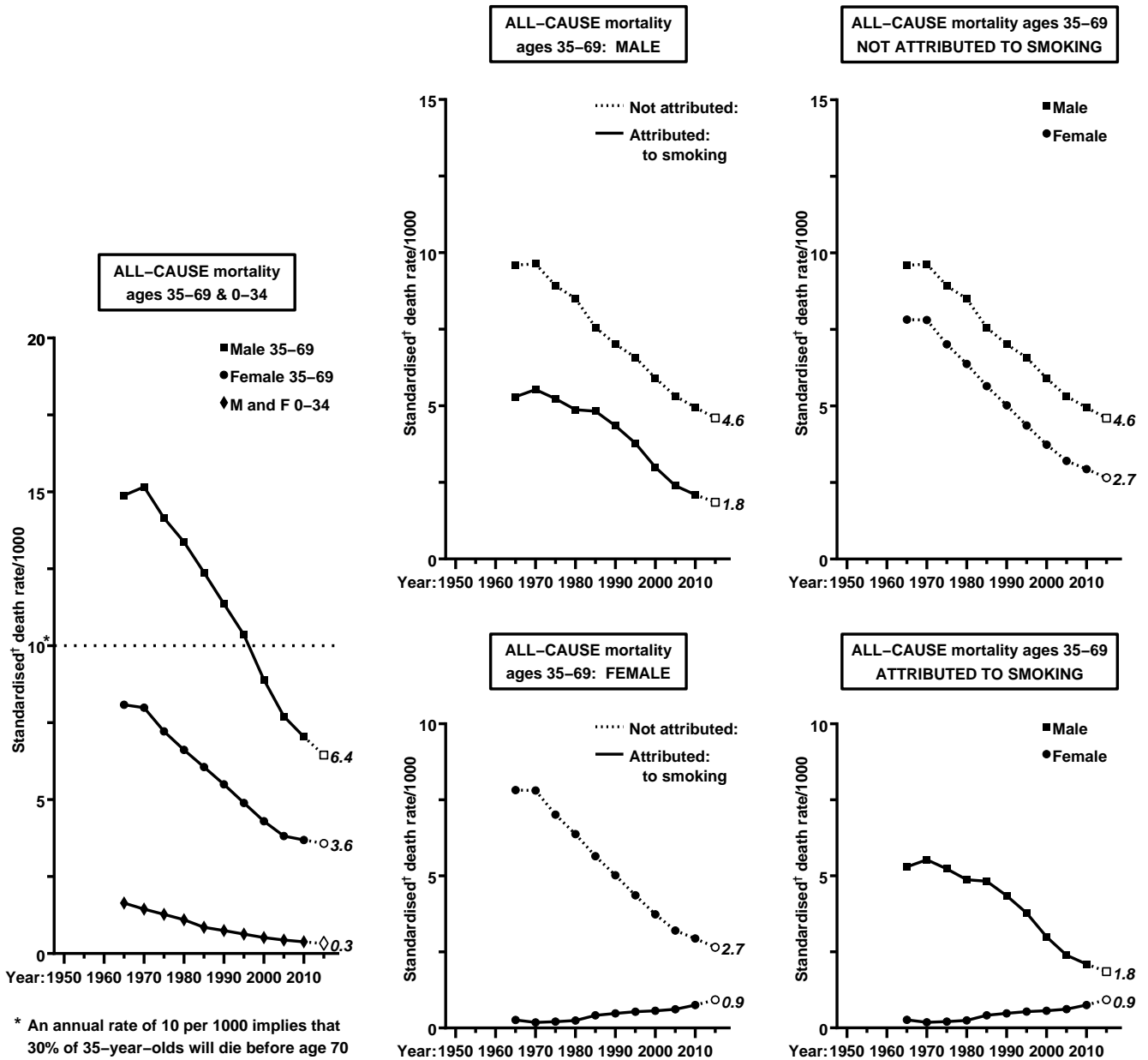
–/1.2M	3.2/9.3M	3.3/15M	6.5/26M	–/0.7M	0.5/5.8M	1.1/21M	1.6/28M
	<b>(35%)</b>	<b>(22%)</b>			<b>(9%)</b>	<b>(5%)</b>	

1965-2015: GERMANY



**GERMANY: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



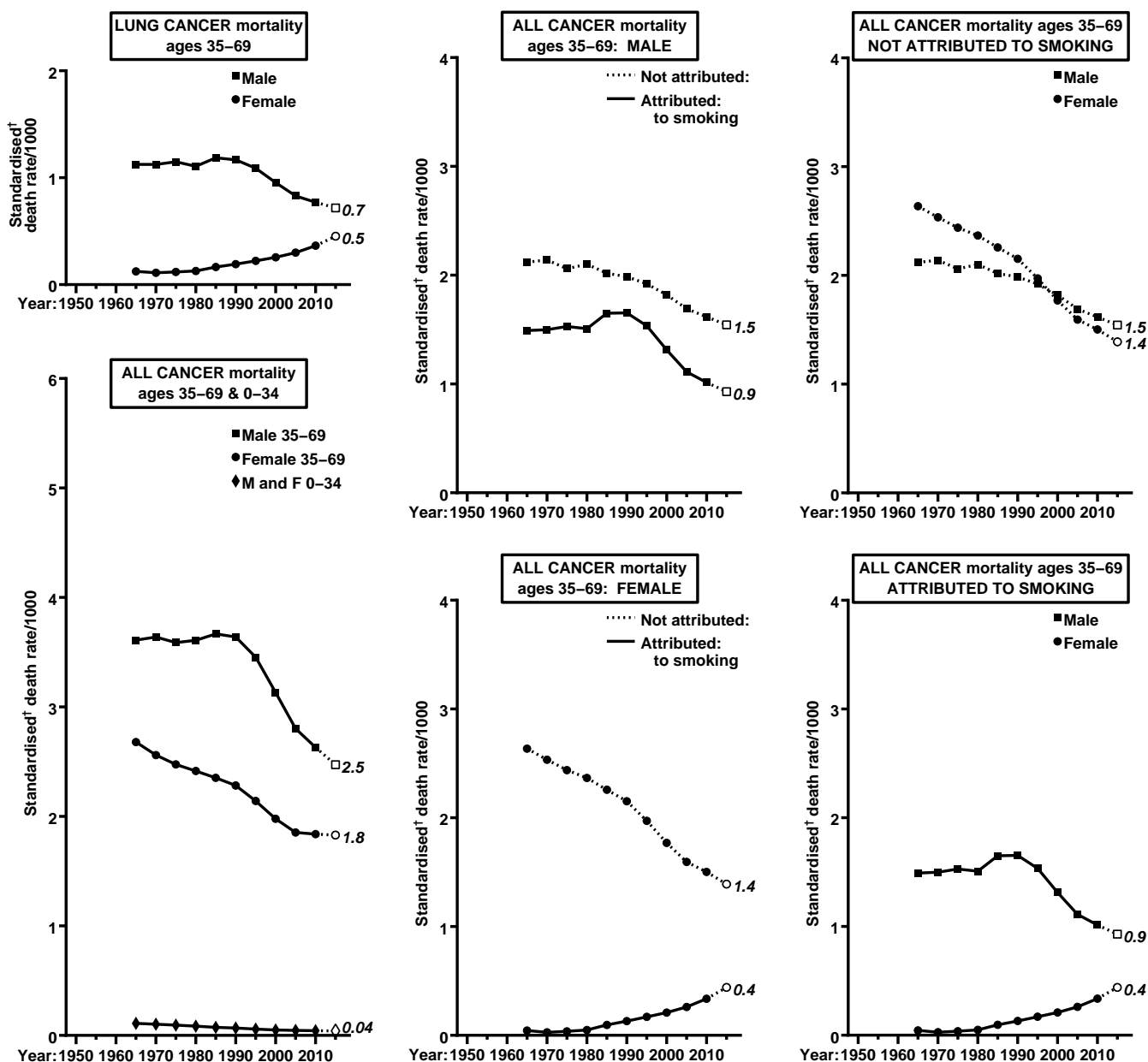
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	-	2.01	5.29	9.59	14.7	65.5	-	1.26	0.26	7.82	1.02	56.0	-	1.07	0.18	7.81	0.64	56.4
1970	-	1.81	5.53	9.63	20.8	65.3	-	0.93	0.20	7.01	0.89	50.7	-	0.80	0.24	6.37	1.09	45.3
1975	-	1.61	5.23	8.92	23.0	59.8	-	0.61	0.41	5.65	1.44	39.4	-	0.52	0.48	5.02	2.03	34.9
1980	-	1.39	4.87	8.50	21.0	56.8	-	0.43	0.53	4.36	2.52	30.9	-	0.36	0.56	3.73	2.40	25.8
1985	-	1.09	4.82	7.56	19.2	51.5	-	0.31	0.61	3.20	2.37	22.3	-	0.27	0.75	2.94	2.35	19.9
1990	-	0.97	4.34	7.01	17.2	47.6	-	0.24	0.75	2.94	2.35	19.9	-	0.24	0.92	2.65	2.35	17.7
1995	-	0.83	3.78	6.58	15.6	43.2	-	0.24	0.92	2.65	2.35	17.7	-	0.24	0.92	2.65	2.35	17.7
2000	-	0.68	2.99	5.90	12.4	36.8	-	0.24	0.92	2.65	2.35	17.7	-	0.24	0.92	2.65	2.35	17.7
2005	-	0.56	2.39	5.31	10.4	33.2	-	0.24	0.92	2.65	2.35	17.7	-	0.24	0.92	2.65	2.35	17.7
2010	-	0.48	2.09	4.95	8.44	30.3	-	0.24	0.92	2.65	2.35	17.7	-	0.24	0.92	2.65	2.35	17.7
2015	-	0.42	1.85	4.60	6.89	27.6	-	0.24	0.92	2.65	2.35	17.7	-	0.24	0.92	2.65	2.35	17.7

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



1965-2015: GERMANY

ALL CANCER mortality rates attributed and not attributed to smoking



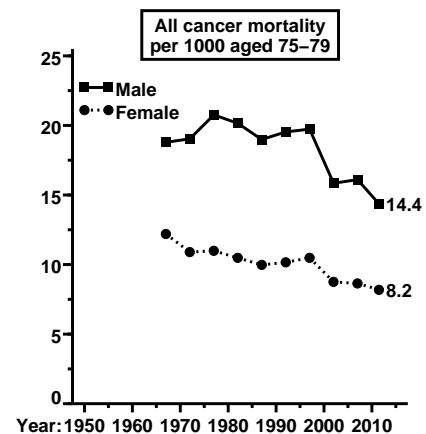
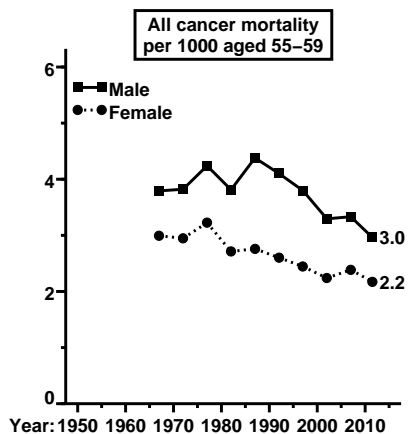
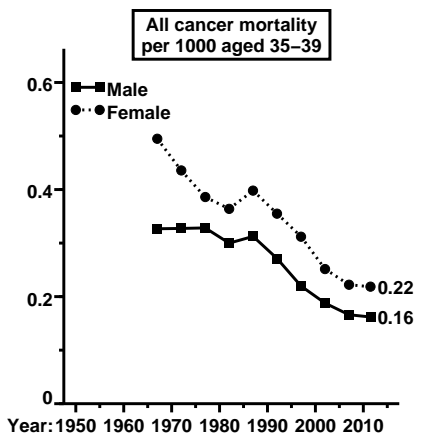
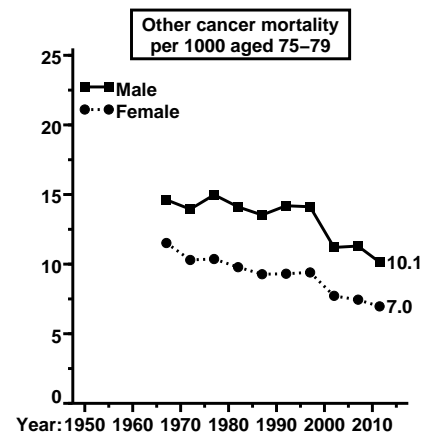
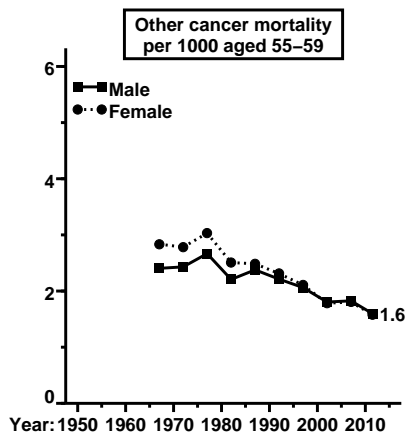
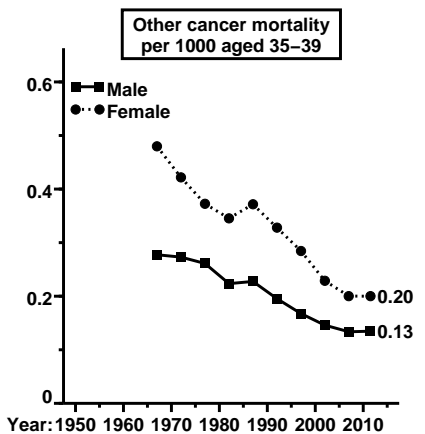
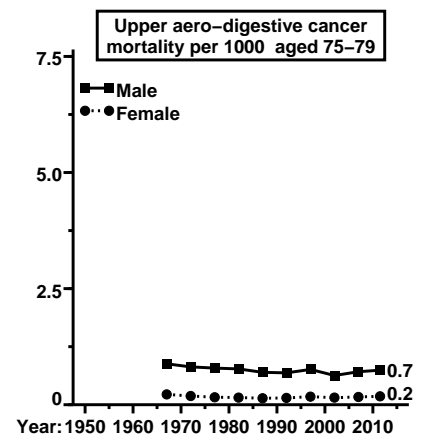
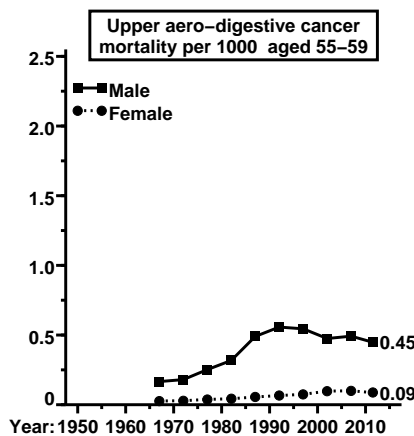
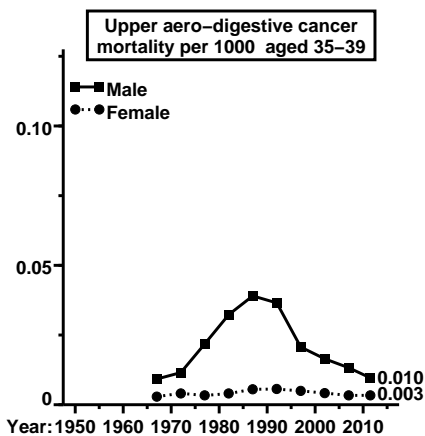
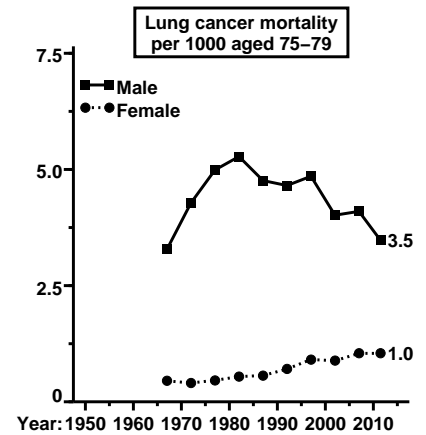
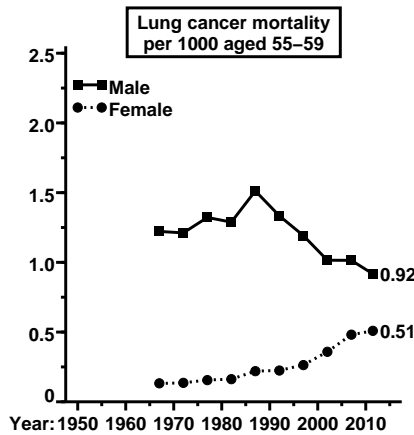
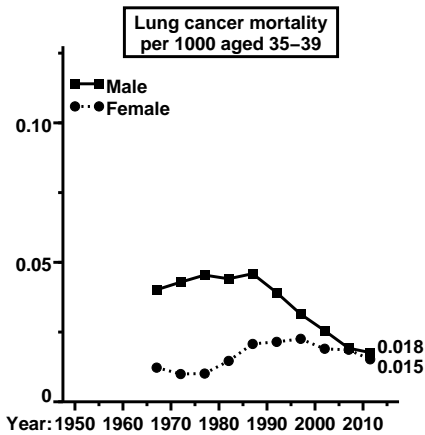
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	No	Yes	No	Yes	No	Attributed to smoking?	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.11	1.49	2.12	4.19	12.1	-	0.10	0.04	2.64	0.15	10.4
1970	-	0.11	1.50	2.14	5.37	11.7	-	0.09	0.03	2.53	0.08	9.68
1975	-	0.10	1.53	2.06	6.42	11.3	-	0.08	0.04	2.44	0.13	9.18
1980	-	0.09	1.51	2.10	6.29	11.4	-	0.08	0.05	2.37	0.18	9.06
1985	-	0.08	1.65	2.02	6.07	10.8	-	0.07	0.10	2.26	0.27	8.49
1990	-	0.07	1.65	1.99	5.91	11.1	-	0.06	0.13	2.15	0.42	8.53
1995	-	0.06	1.53	1.92	5.79	10.8	-	0.06	0.17	1.97	0.60	8.29
2000	-	0.05	1.31	1.82	5.09	9.78	-	0.05	0.21	1.77	0.66	7.37
2005	-	0.05	1.11	1.69	4.60	9.19	-	0.04	0.26	1.59	0.73	6.71
2010	-	0.04	1.01	1.62	4.01	8.74	-	0.04	0.34	1.50	0.81	6.37
2015	-	0.04	0.93	1.54	3.50	8.30	-	0.04	0.44	1.39	0.90	6.04

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

**GERMANY: 1965-2013**

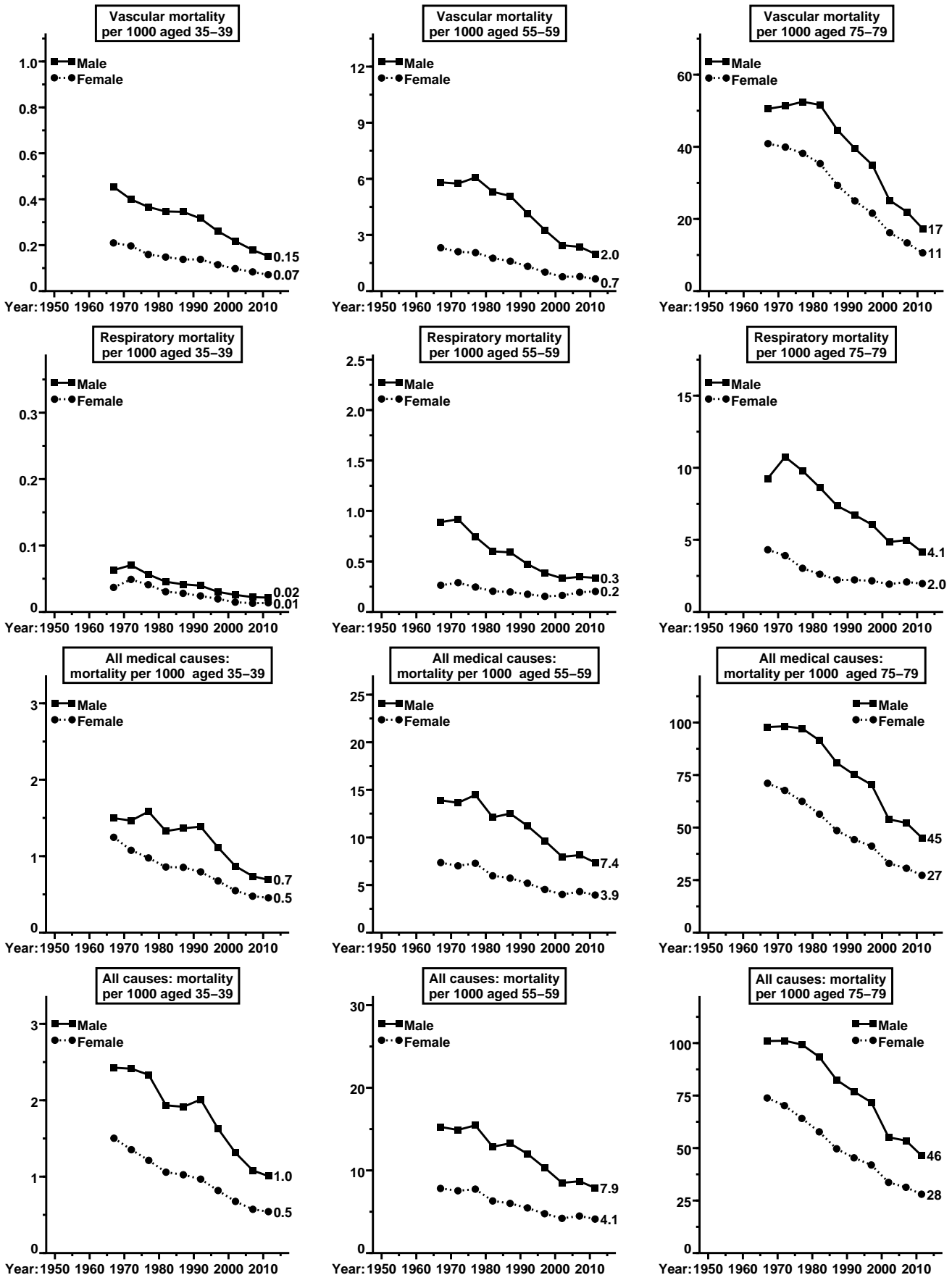
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

1965-2013: GERMANY

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## GREECE: 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	56480	1689	14288	664.0	67.4	663.7	96.9	12.0	11.3	55.2	84.0	100.8	111.5
	F	52604	680	6713	418.1	30.9	293.2	86.9	9.2	10.9	21.3	29.8	25.1	33.1
Tuberculosis	M	50	1	25	0.7	0.0	1.0	-	-	-	-	-	0.2	-
	F	21	-	4	0.2	-	0.2	-	-	-	-	-	-	-
Other infective and parasitic	M	465	24	96	5.4	0.9	4.2	2.1	0.4	-	-	0.9	1.4	1.8
	F	540	11	47	4.2	0.5	2.1	2.6	0.4	-	-	0.3	0.3	0.2
ALL CANCER	M	16407	158	5504	202.2	6.4	262.6	3.5	4.4	5.1	6.7	6.6	8.0	10.7
	F	10752	134	3379	108.4	5.5	146.5	4.4	3.0	2.3	4.2	5.1	8.3	11.5
Mouth and pharynx cancer	M	173	6	77	2.3	0.2	3.5	-	-	-	-	0.3	0.7	0.5
	F	86	1	30	0.9	0.0	1.3	-	-	-	-	-	0.3	-
Oesophagus cancer	M	168	2	77	2.2	0.1	3.6	-	-	-	-	-	-	0.5
	F	48	-	12	0.5	-	0.5	-	-	-	-	-	-	-
Stomach cancer	M	767	1	252	9.4	0.0	11.9	-	-	-	-	-	0.2	-
	F	492	5	127	4.6	0.2	5.5	-	-	-	-	-	0.5	0.7
Colorectal cancer	M	1314	3	351	15.3	0.1	16.8	-	-	-	-	-	-	0.7
	F	1064	4	241	9.6	0.2	10.6	0.4	-	-	-	-	0.8	-
Liver cancer	M	210	-	83	2.7	-	4.0	-	-	-	-	-	-	-
	F	88	1	16	0.8	0.0	0.7	-	-	-	-	-	0.3	-
Pancreas cancer	M	729	1	300	9.4	0.0	14.2	-	-	-	-	-	-	0.2
	F	730	2	172	6.8	0.1	7.7	-	-	-	-	-	-	0.5
Larynx cancer	M	300	1	122	3.9	0.0	5.8	-	-	-	-	-	0.2	-
	F	29	-	7	0.3	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	5263	9	2216	68.4	0.3	106.5	0.7	-	-	-	0.3	0.5	0.9
	F	1144	10	525	13.1	0.4	23.1	-	-	-	0.3	0.6	0.3	1.4
Malignant melanoma	M	115	3	66	1.7	0.1	2.8	-	-	-	-	-	-	0.7
	F	87	3	37	1.0	0.1	1.5	-	-	-	-	-	0.5	0.2
Female breast cancer	F	2028	19	784	21.9	0.7	33.3	0.4	-	-	-	-	1.0	3.4
Cervix cancer	F	174	2	106	2.3	0.1	4.4	-	-	-	-	-	0.3	0.2
Other uterine cancer	F	304	1	108	3.1	0.0	4.7	-	-	-	-	-	-	0.2
Ovarian cancer	F	490	5	217	5.7	0.2	9.3	-	-	-	0.3	0.3	-	0.7
Prostate cancer	M	1558	-	128	15.6	-	6.6	-	-	-	-	-	-	-
Bladder cancer	M	850	-	178	9.4	-	8.8	-	-	-	-	-	-	-
	F	181	1	22	1.4	0.0	1.0	-	-	-	-	-	0.3	-
Other and ill-defined cancer sites	M	3836	85	1341	48.1	3.5	63.2	2.1	2.2	3.3	3.7	2.7	5.1	5.3
	F	2985	51	789	28.7	2.3	34.5	2.2	2.3	2.3	1.8	2.5	2.9	2.2
Hodgkin's disease	M	133	7	42	1.7	0.3	2.0	-	-	-	-	0.9	0.2	0.7
	F	99	6	23	1.0	0.2	1.0	-	-	-	-	0.6	-	1.0
Myeloma and non-Hodgkin lymphomas	M	347	5	111	4.2	0.2	5.2	-	0.4	-	0.7	-	0.2	0.2
	F	276	3	76	2.6	0.1	3.4	0.4	-	-	-	-	-	0.5
Leukaemia	M	644	35	160	7.9	1.6	7.5	0.7	1.8	1.8	2.3	2.4	0.7	1.1
	F	447	20	87	4.2	0.9	3.8	1.1	0.8	-	1.8	0.9	1.3	0.5
Diabetes	M	529	5	144	6.2	0.2	6.9	-	-	-	0.3	0.3	-	0.7
	F	546	3	70	4.4	0.1	3.2	-	-	-	-	0.6	-	0.2
ALL VASCULAR DISEASE	M	22413	167	4866	250.0	5.8	226.4	-	-	0.4	1.0	6.0	14.0	19.4
	F	25293	44	1675	177.7	1.7	74.7	-	-	0.4	-	3.5	3.1	4.8
Rheumatic heart disease and fever	M	2	-	-	0.0	-	-	-	-	-	-	-	-	-
	F	2	-	-	0.0	-	-	-	-	-	-	-	-	-
Hypertensive disease	M	723	1	93	7.5	0.0	4.7	-	-	-	-	0.3	-	-
	F	842	1	39	5.8	0.0	1.8	-	-	-	-	-	-	0.2
Ischaemic heart disease	M	7066	93	2891	91.2	3.2	130.7	-	-	-	-	3.0	6.0	13.2
	F	4266	17	700	35.1	0.7	30.2	-	-	-	-	1.6	1.6	1.4
Pulmonary embolism and other venous	M	287	10	79	3.4	0.3	3.4	-	-	-	-	-	1.4	0.9
	F	461	2	74	3.8	0.1	3.1	-	-	-	-	0.3	0.3	-
Cerebrovascular disease	M	6238	32	818	64.9	1.1	39.2	-	-	0.4	0.3	1.2	2.7	3.4
	F	8672	13	427	59.4	0.5	19.1	-	-	0.4	-	0.6	0.5	1.9
Other vascular disease	M	8097	31	985	83.0	1.1	48.4	-	-	-	0.7	1.5	3.9	1.8
	F	11050	11	435	73.7	0.4	20.4	-	-	-	-	0.9	0.8	1.2
Chronic obstructive pulmonary disease	M	1411	3	166	14.4	0.1	8.2	-	-	-	0.3	-	-	0.5
	F	1002	2	62	7.1	0.1	2.8	-	0.4	-	0.3	-	-	-
Other respiratory disease	M	3907	50	597	41.6	1.9	28.2	3.2	-	-	1.0	0.3	3.9	4.8
	F	4021	30	318	29.2	1.4	13.9	3.3	1.1	0.4	0.7	1.3	1.6	1.2
Peptic ulcer	M	200	2	40	2.2	0.1	1.8	-	-	-	-	-	-	0.5
	F	174	1	16	1.3	0.1	0.7	0.4	-	-	-	-	-	-
Liver cirrhosis	M	581	7	344	8.5	0.3	15.2	-	-	0.4	-	0.3	0.2	0.9
	F	185	2	52	1.8	0.1	2.1	-	-	-	-	0.3	-	0.2
Renal disease	M	864	2	123	9.1	0.1	5.9	0.3	-	-	-	-	-	0.2
	F	852	3	84	6.4	0.1	3.9	-	-	-	0.7	-	-	0.2
Pregnancy, birth	F	6	3	3	0.1	0.1	0.1	-	-	-	-	0.3	0.3	0.2
Congenital and perinatal causes	M	232	232	-	6.5	11.6	-	75.1	2.9	1.1	2.3	-	-	-
	F	209	209	-	6.1	10.9	-	69.6	1.1	3.0	2.8	-	-	-
Ill-defined causes	M	4486	54	553	46.4	2.2	26.3	3.2	0.4	-	2.3	2.7	3.9	2.7
	F	5928	25	332	40.9	1.0	15.1	0.4	-	0.4	0.7	1.9	0.8	2.9
Other medical causes	M	2144	91	567	25.8	3.6	25.6	3.5	0.7	1.1	3.7	5.1	2.9	8.2
	F	2312	49	394	19.9	2.1	16.8	2.6	1.1	1.1	1.8	3.2	2.3	2.9
ALL NON-MEDICAL CAUSES	M	2791	893	1263	44.9	34.1	51.5	6.0	3.3	3.3	37.5	61.7	66.2	61.0
	F	763	164	277	10.4	7.1	11.1	3.7	1.9	3.4	10.1	13.3	8.6	8.6
Road traffic accidents	M	1120	443	482	18.9	17.5	19.6	3.5	1.5	2.2	25.1	37.3	32.1	20.8
	F	282	89	119	4.5	4.0	4.7	1.8	1.1	2.3	8.4	8.9	3.6	2.2
Fire	M	53	5	28	0.8	0.2	1.1	-	-	-	-	0.3	0.7	0.2
	F	36	3	5	0.3	0.1	0.2	-	0.4	-	-	-	0.3	0.2
Suicide	M	336	68	196	5.3	2.4	8.0	-	-	-	1.3	3.3	4.3	8.0
	F	41	10	22	0.6	0.4	0.9	-	-	-	0.7	0.6	0.8	0.7
POPULATION:			M=male		5483.6	2316.4	2474.1	284.8	274.1	275.2	298.7	332.2	413.7	437.6
(1000s; UN, 2015 revision)			F=female		5693.9	2204.9	2572.0	272.9	262.2	265.0	286.2	315.3	385.9	417.4

## 2010: GREECE

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			
122.6	183.2	303.7	489.8	798.9	1138.5	1609.6	2564.0	4432.6	10911.4	M	ALL CAUSES	001-999/A00-Y89
53.1	87.8	133.8	219.6	332.0	481.3	745.1	1319.7	2789.3	9916.3	F		
1.2	0.7	1.3	0.3	1.9	1.0	0.8	2.0	2.3	6.2	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	0.5	-	0.3	-	0.4	0.7	2.2	2.7	F		
1.2	3.3	3.2	3.3	4.7	7.4	6.1	15.0	34.4	104.0	M	Other infective	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
0.2	-	1.0	1.1	1.5	5.6	5.2	15.6	24.3	108.6	F	and parasitic	
20.0	39.1	77.2	178.8	324.3	499.9	698.5	1031.1	1437.5	2246.0	M	ALL CANCER	140-208/C00-C97
22.0	44.0	72.8	118.7	184.1	243.3	340.6	448.9	683.8	1182.5	F		
0.2	0.9	1.6	4.1	4.4	6.1	7.3	9.4	15.3	14.7	M	Mouth and	140-149/C00-C14
0.2	0.2	0.5	2.1	1.2	2.7	1.9	2.9	5.2	9.4	F	pharynx cancer	
0.2	0.2	2.1	2.5	6.9	6.1	6.9	9.1	9.3	20.5	M	Oesophagus cancer	150/C15
0.5	-	-	0.5	1.2	0.6	0.7	2.3	3.0	6.2	F		
1.9	1.9	4.0	8.0	13.8	22.4	31.8	52.4	70.7	102.2	M	Stomach cancer	151/C16
1.2	1.4	3.5	3.1	6.6	9.5	13.4	19.6	36.9	59.0	F		
1.4	2.1	3.7	12.1	22.3	29.8	46.4	78.8	127.8	216.4	M	Colorectal cancer	153, 154/C18-C21
1.4	3.9	4.8	8.4	10.5	16.3	28.6	43.0	74.5	143.2	F		
0.5	-	1.1	2.2	7.2	6.1	11.0	16.9	18.6	19.6	M	Liver cancer	155.0/C22 excl C221
0.2	0.2	-	0.8	0.6	1.5	1.5	4.2	10.7	8.6	F		
1.6	2.6	4.0	10.2	20.1	23.4	37.9	46.9	58.6	81.7	M	Pancreas cancer	157/C25
0.7	1.2	1.3	5.5	10.2	13.3	21.9	41.4	50.1	86.5	F		
0.2	-	2.4	3.6	8.2	14.1	11.8	19.7	24.2	33.5	M	Larynx cancer	161/C32
-	-	-	0.3	0.6	0.6	0.7	1.6	1.5	3.8	F		
3.0	8.9	25.4	74.8	131.2	218.3	284.1	374.2	439.2	510.0	M	Lung cancer	162/C33, C34
0.5	4.2	9.6	18.1	30.3	44.4	54.5	47.6	66.0	83.8	F		
0.7	2.8	2.6	4.1	3.1	1.9	4.1	6.3	5.6	8.0	M	Malignant melanoma	172/C43
0.5	2.1	0.5	1.3	2.1	1.8	2.2	3.3	4.0	7.7	F		
6.9	12.0	23.0	30.9	41.1	51.1	68.3	84.4	113.2	194.5	F	Female breast cancer	174/C50
0.9	2.5	4.3	4.2	6.6	5.6	6.3	6.8	5.9	8.6	F	Cervix cancer	180/C53
0.7	1.4	1.8	2.4	7.5	8.9	10.4	13.4	16.2	32.5	F	Other uterine cancer	179, 182/C54, C55
0.5	2.8	6.3	7.3	15.6	14.8	17.8	22.5	35.0	30.7	F	Ovarian cancer	183/C56, C570-C574
0.2	-	0.3	1.4	5.7	11.8	26.9	76.8	152.9	404.2	M	Prostate cancer	185/C61
-	-	1.6	3.6	11.6	17.0	28.1	48.8	79.0	168.7	M	Bladder cancer	188/C67
-	0.2	0.8	0.5	0.6	1.8	3.0	5.9	14.0	30.1	F		
6.7	14.5	22.5	43.9	73.8	119.7	161.6	222.9	322.1	513.5	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
6.2	9.5	13.7	27.5	40.8	57.4	86.5	113.7	193.5	375.2	F	cancer sites	
0.9	0.2	0.3	1.7	2.2	2.9	5.7	9.1	12.6	15.2	M	Hodgkin's disease	201/C81
0.5	0.2	0.8	0.8	0.9	0.3	3.7	4.6	6.3	11.5	F		
1.6	1.4	2.9	1.7	6.0	9.3	13.4	18.5	36.2	47.3	M	Myeloma and non-	200, 202-203/ C82-C90, C96
0.2	0.5	0.8	1.8	4.5	6.8	9.3	11.4	19.2	32.5	F	Hodgkin lymphomas	
0.7	3.5	2.9	5.0	7.8	11.2	21.6	41.4	65.5	90.6	M	Leukaemia	204-208/C91-C95
0.9	1.6	1.3	3.1	3.3	6.2	10.0	20.5	28.8	58.7	F		
0.2	1.2	3.4	4.7	9.1	9.6	19.9	31.1	48.3	87.9	M	Diabetes	250/E10-E14
-	0.2	0.2	1.3	3.6	6.5	10.8	22.5	46.8	81.8	F		
32.8	53.4	114.8	170.5	278.7	391.4	543.0	905.9	1742.5	5055.5	M	ALL VASCULAR	390-459/I00-I99
9.9	17.4	29.6	49.0	71.7	124.2	220.8	501.7	1262.5	5493.2	F	DISEASE	
-	-	-	-	-	-	-	0.8	-	-	M	Rheumatic heart	390-398/I00-I09
-	-	-	-	-	-	-	0.3	-	0.3	F	disease and fever	
-	0.5	0.8	2.5	4.1	7.7	17.1	39.0	57.2	181.6	M	Hypertensive disease	401-405/I10-I15
-	0.7	-	0.5	2.4	3.2	5.6	19.2	45.0	183.3	F		
22.3	39.8	81.5	123.9	181.1	218.3	247.9	319.0	491.7	987.8	M	Ischaemic heart	410-414/I20-I25
5.2	8.6	13.2	26.2	39.0	53.8	65.7	120.9	247.3	740.0	F	disease	
1.9	0.9	3.7	2.8	4.7	4.8	5.3	9.8	20.0	58.0	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.9	0.2	3.8	3.1	1.5	5.3	7.0	14.3	22.5	82.7	F	and other venous	
2.6	5.9	17.2	23.2	47.4	66.9	111.1	240.7	544.7	1608.4	M	Cerebrovascular	430-438/I60-I69
1.9	5.1	8.1	13.1	16.2	29.9	59.4	161.2	453.4	1920.8	F	disease	
6.0	6.3	11.6	18.2	41.4	93.8	161.6	296.6	628.8	2219.7	M	Other vascular	Rest of 390-459/ rest of I00-I99
1.9	2.8	4.5	6.0	12.6	31.9	83.1	185.7	494.3	2566.1	F	disease	
0.7	1.2	2.9	2.5	6.3	16.0	27.7	53.6	131.1	367.6	M	Chronic obstructive	490-496/ J40-J47, J67
0.2	0.2	1.0	2.6	1.8	4.7	8.9	23.5	53.8	212.5	F	pulmonary disease	
3.0	6.6	8.5	25.4	34.8	42.9	76.1	142.2	302.6	1003.0	M	Other respiratory	Rest of 460-519/ rest of J00-J98
2.8	4.4	4.5	11.3	15.6	21.9	37.1	78.5	201.3	851.9	F	disease	
0.2	1.4	1.3	1.7	1.3	3.2	3.3	10.2	13.0	46.4	M	Peptic ulcer	531-533/K25-K27
0.5	-	0.2	0.5	0.6	2.1	0.7	1.9	9.9	36.6	F		
1.6	7.5	11.6	15.4	26.4	20.8	22.8	31.5	35.8	32.6	M	Liver cirrhosis	571/K70, K74
1.2	1.6	1.0	1.8	2.4	3.2	3.7	6.5	13.6	21.8	F		
0.7	0.9	2.9	3.6	5.3	9.0	19.1	39.0	73.9	214.6	M	Renal disease	580-590/N00-N19
0.2	0.5	0.5	1.3	4.5	6.5	13.7	26.7	48.3	162.9	F		
0.2	0.5	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	-	-	-	-	-	-	-	-	F	Congenital and	740-779/A33, P00-P96, Q00-Q99
-	-	-	-	-	-	-	-	-	-	F	perinatal causes	
7.7	5.6	7.9	12.1	23.9	50.6	76.5	143.8	332.8	1248.4	M	Ill-defined causes	780-799/R00-R99
0.7	3.2	4.3	7.6	12.6	27.2	50.1	107.5	261.0	1338.1	F		
8.6	9.4	16.9	21.8	28.9	37.1	56.6	98.5	185.0	373.9	M	Other medical causes	Rest of 001-799/ rest of A00-R99
4.0	7.4	9.4	13.4	21.3	25.7	36.7	62.5	143.4	380.2	F		
44.6	52.9	51.6	49.7	53.4	49.6	59.0	60.3	93.4	125.4	M	ALL NON-	E800-E999/V01-Y89
10.9	8.3	8.6	11.0	12.0	10.3	16.3	23.1	38.3	43.4	F	MEDICAL CAUSES	
18.4	19.9	21.4	17.4	21.4	14.7	24.4	17.3	30.2	38.4	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
4.3	3.0	3.8	6.0	5.7	4.4	5.9	5.9	12.2	6.8	F	accidents	
0.7	1.6	1.3	1.1	0.9	1.6	0.4	2.0	1.9	4.9	M	Fire	E890-E899/X00-X09
0.2	0.2	-	0.3	-	-	0.7	0.7	4.8	3.8	F		
5.3	6.3	9.0	12.1	8.5	8.3	6.1	6.7	7.0	17.9	M	Suicide	E950-E959/X60-X84
0.9	1.4	0.2	0.8	0.6	0.3	1.9	1.0	0.7	1.2	F		
430.0	427.0	378.0	362.4	318.6	312.4	245.7	253.9	215.2	224.1	M	POPULATION	
422.1	431.7	395.3	381.7	333.4	338.2	269.5	307.0	271.3	338.8	F	(1000s; UN, 2015 revision)	

## GREECE: 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	– / 1.6	– / 0.6	–
35–69	5.8 / 15	0.8 / 6.8	24 years
70+	9.2 / 41	1.9 / 46	8 years
All ages	15 / 58	2.7 / 53	14 years

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

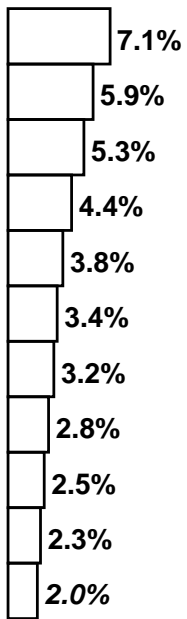
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	2.1/2.3	2.7/3.0	4.8/5.4	–/0.0	0.3/0.5	0.3/0.7	0.6/1.2
All Cancer	–/0.2	2.8/5.7 (48%)	3.8/11 (35%)	6.6/17	–/0.1	0.3/3.4 (10%)	0.4/7.2 (5%)	0.7/11
Vascular	–/0.1	2.2/5.0	3.2/18	5.4/23	–/0.1	0.3/1.7	0.9/24	1.2/26
Respiratory	–/0.0	0.4/0.8	1.5/4.6	1.9/5.5	–/0.0	0.1/0.4	0.4/4.8	0.5/5.2
All Other	–/1.3	0.4/3.2	0.7/7.9	1.1/12	–/0.4	0.1/1.3	0.2/9.9	0.3/12
All Causes	–/1.6	5.8/15 (39%)	9.2/41 (22%)	15/58	–/0.6	0.8/6.8 (11%)	1.9/46 (4%)	2.7/53

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

Cause	Male	Female	Male + Female
All Cancer	6.6 / 17 (39%)	0.7 / 11 (7%)	7.3 / 27 (27%)
All Causes	15 / 58 (26%)	2.7 / 53 (5%)	18 / 111 (16%)

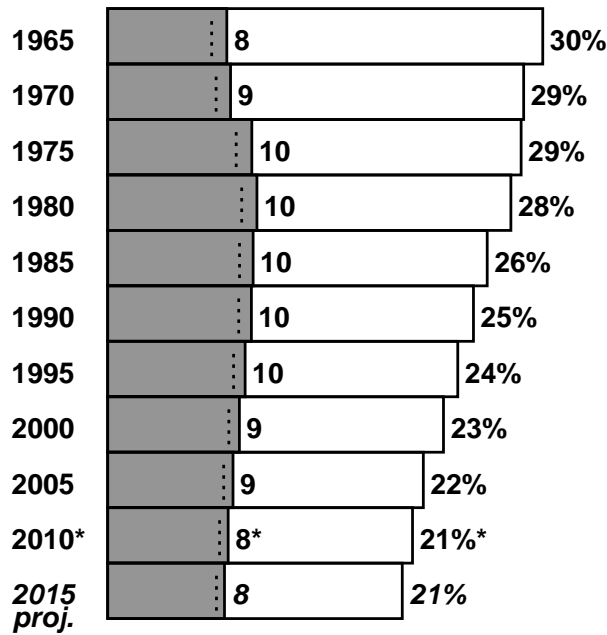
1965-2015: GREECE

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)

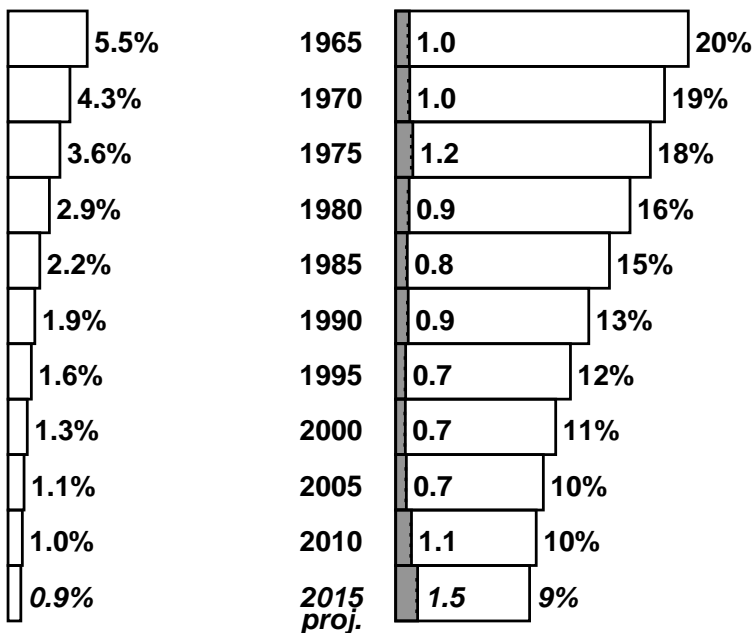
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 21 would die before age 70 (with 8 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



## GREECE: 1960-2015

*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	– / 1.3	– / 0.5	–
35–69	5.9 / 15	1.1 / 7.1	24 years
70+	9.7 / 44	2.1 / 50	7 years
All ages	16 / 60	3.3 / 57	13 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	–/5.3	3.5/13 (27%)	2.1/17 (12%)	5.6/35	–/4.0	0.5/9.1 (5%)	0.2/20 (1%)	0.7/33
1975	–/3.7	5.1/15 (35%)	4.9/23 (21%)	9.9/41	–/2.4	0.6/9.4 (7%)	0.7/27 (3%)	1.3/39
1985	–/2.8	5.7/15 (39%)	6.7/30 (22%)	12/48	–/1.5	0.5/8.7 (5%)	1.1/34 (3%)	1.6/44
1995	–/2.4	6.6/17 (39%)	7.7/33 (23%)	14/52	–/1.0	0.5/8.5 (6%)	1.6/37 (4%)	2.1/47
2005	–/1.9	6.0/15 (40%)	8.7/38 (23%)	15/56	–/0.7	0.5/7.1 (7%)	1.7/43 (4%)	2.2/51
2015 proj.	–/1.3	5.9/15 (39%)	9.7/44 (22%)	16/60	–/0.5	1.1/7.1 (16%)	2.1/50 (4%)	3.3/57

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 839 / 5630

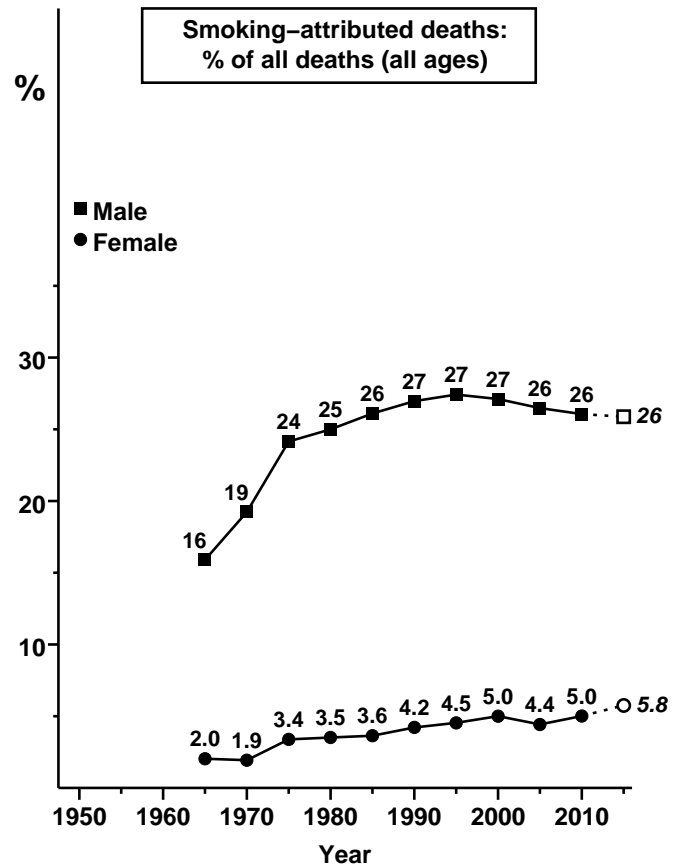
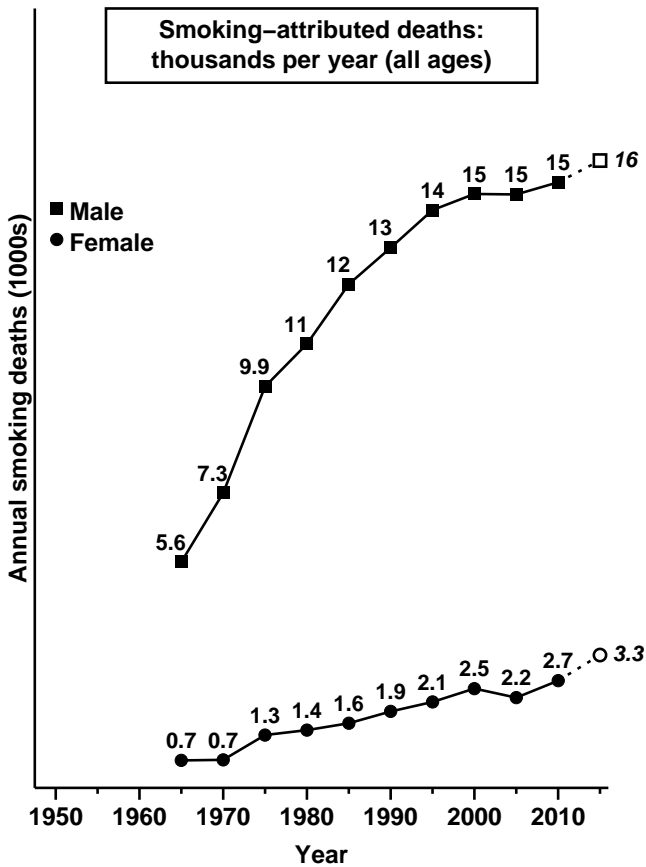
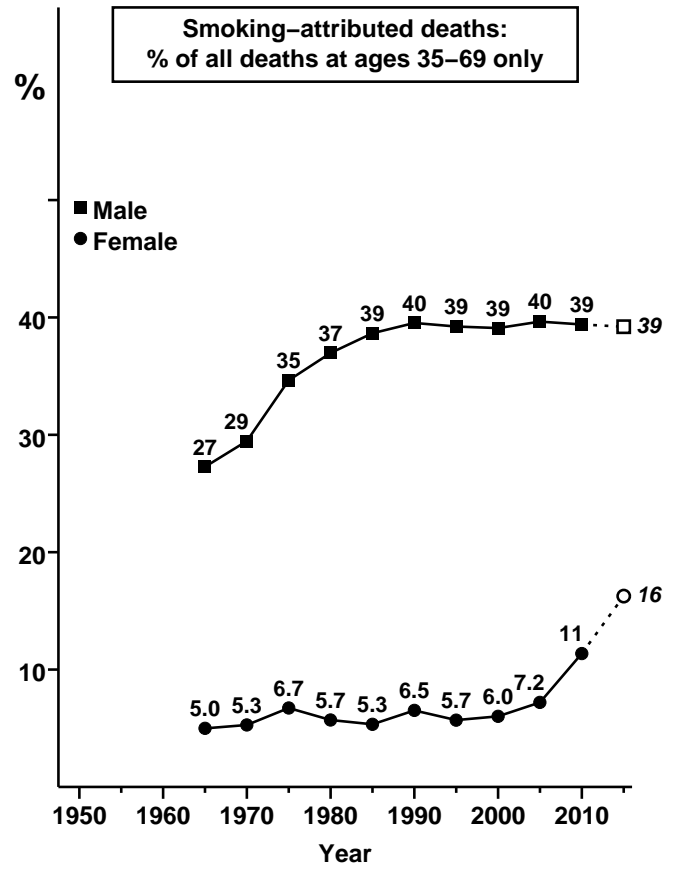
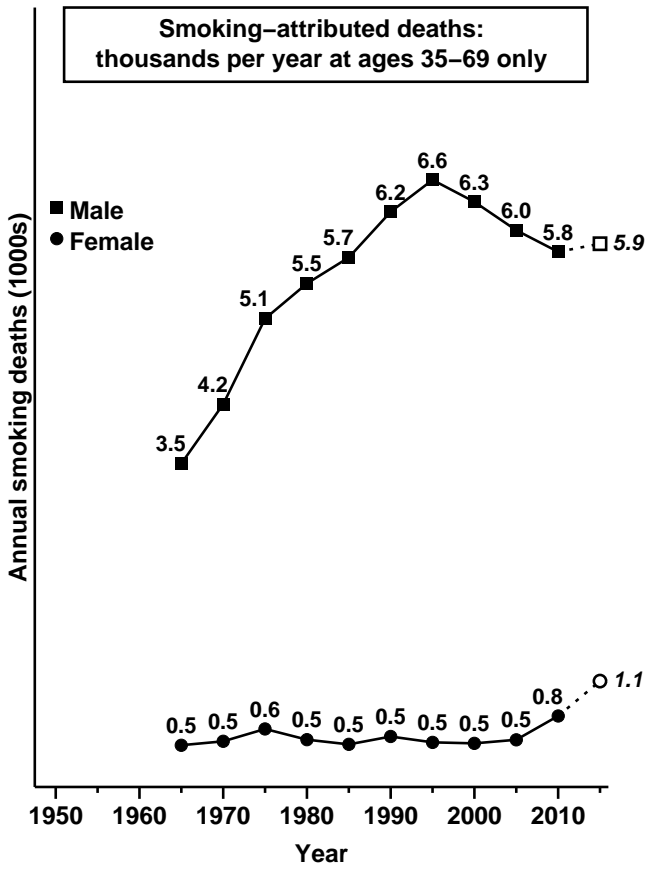
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

–/173	328/894 (37%)	398/1854 (21%)	726/2921	–/102	37/498 (7%)	76/2110 (4%)	113/2709
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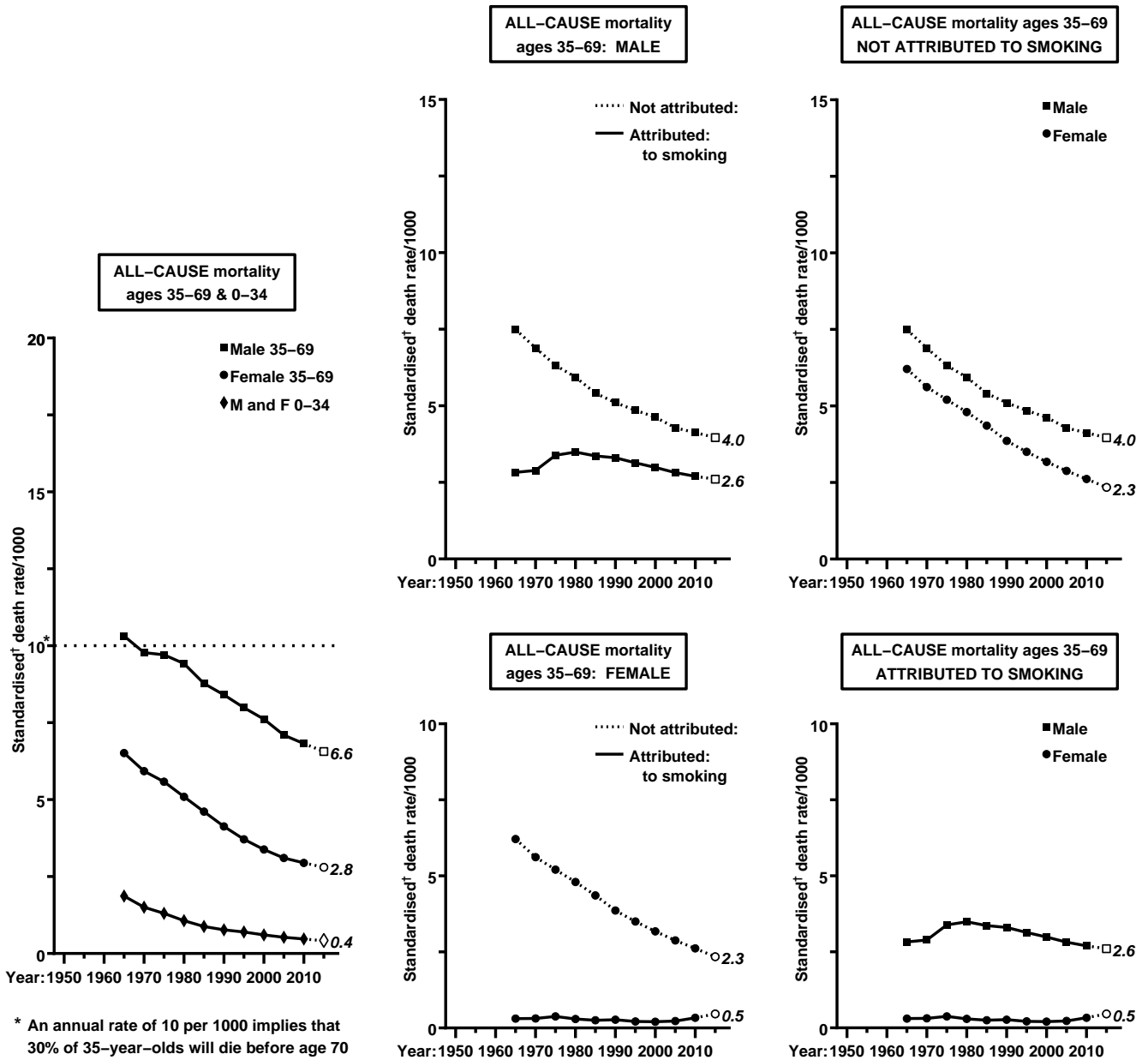


1965-2015: GREECE



**GREECE: 1965-2015**

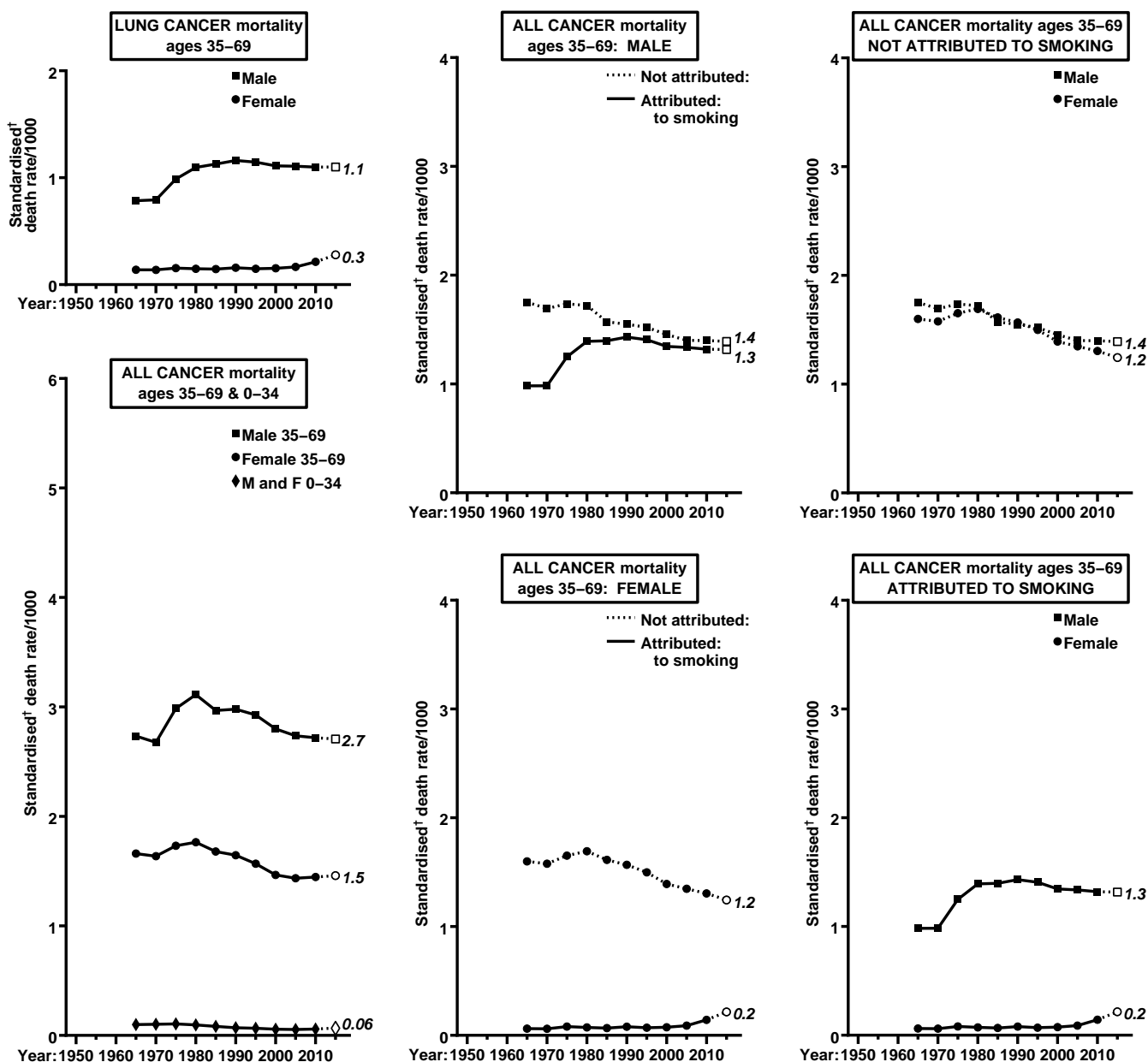
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.11	2.82	7.49	8.74	50.2	-	1.62	0.30	6.21	0.68	46.8	-	1.26	0.31	5.61
1970	-	1.74	2.89	6.89	10.6	46.1	-	1.05	0.38	5.20	1.31	41.8	-	0.84	0.29	4.80
1975	-	1.55	3.38	6.32	13.3	42.1	-	0.64	0.25	4.36	1.66	38.4	-	0.54	0.27	3.86
1980	-	1.29	3.49	5.93	12.8	40.3	-	0.47	0.21	3.50	1.70	30.9	-	0.39	0.20	3.17
1985	-	1.11	3.36	5.41	14.2	41.6	-	0.32	0.22	2.88	1.16	23.4	-	0.29	0.22	2.88
1990	-	1.00	3.30	5.10	13.8	38.3	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88
1995	-	0.93	3.14	4.85	13.6	36.1	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88
2000	-	0.82	2.99	4.63	12.0	33.0	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88
2005	-	0.73	2.82	4.28	10.4	29.6	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88
2010	-	0.65	2.70	4.12	9.40	26.1	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88
2015	-	0.59	2.60	3.96	8.61	22.8	-	0.26	0.22	2.88	1.06	19.8	-	0.26	0.22	2.88

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

ALL CANCER mortality rates attributed and not attributed to smoking



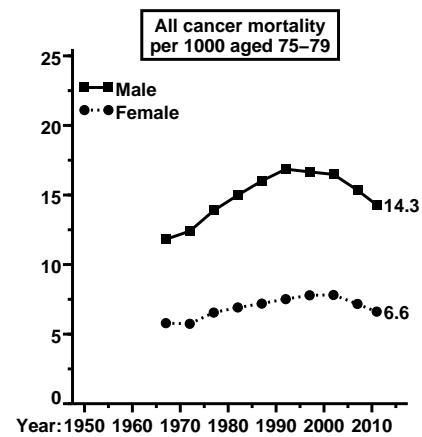
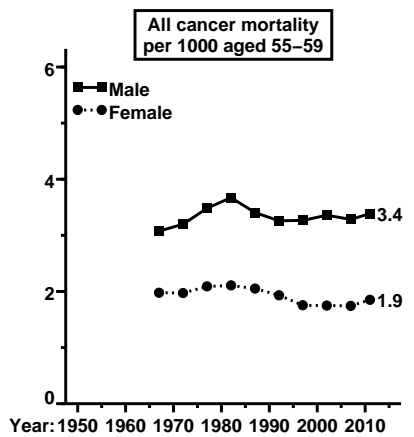
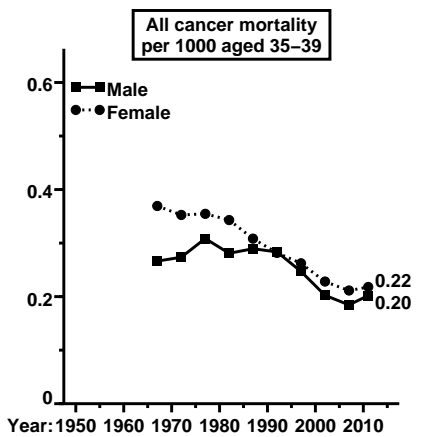
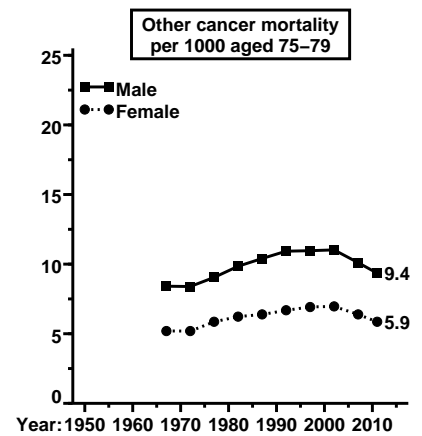
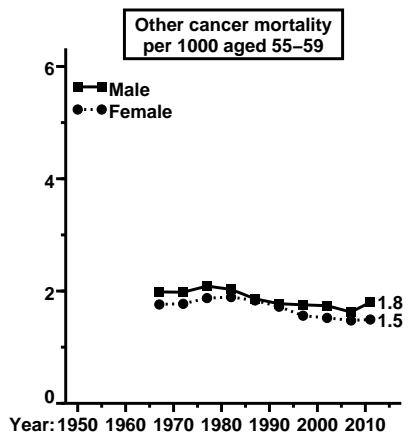
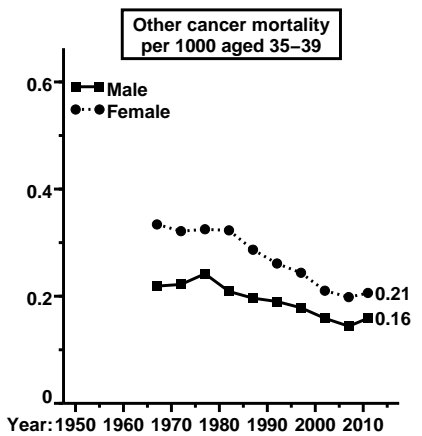
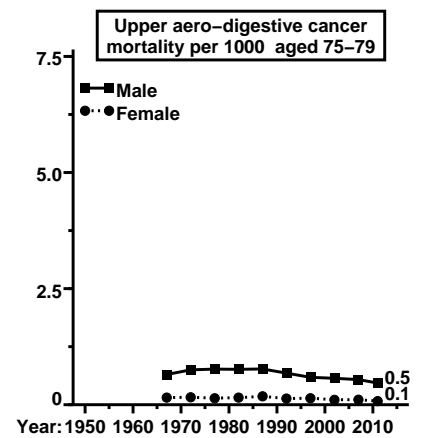
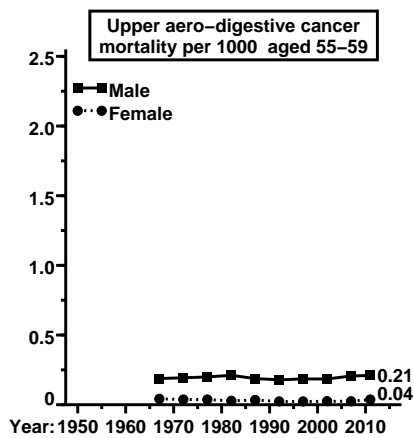
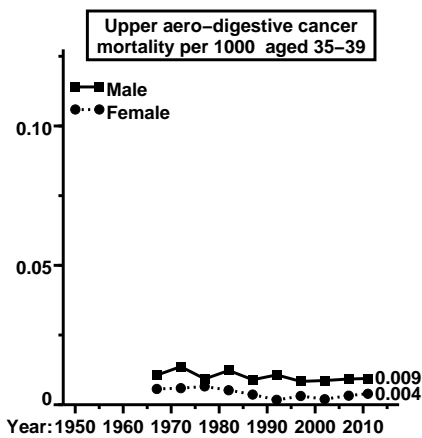
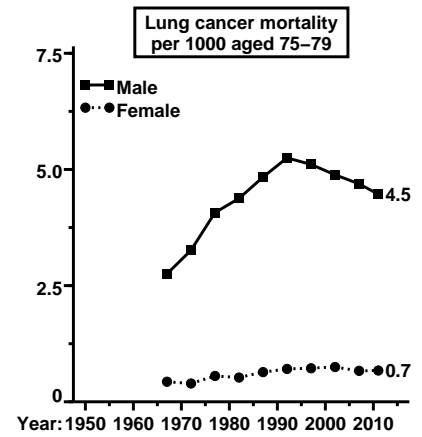
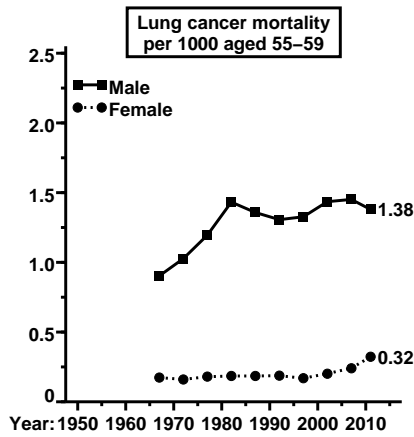
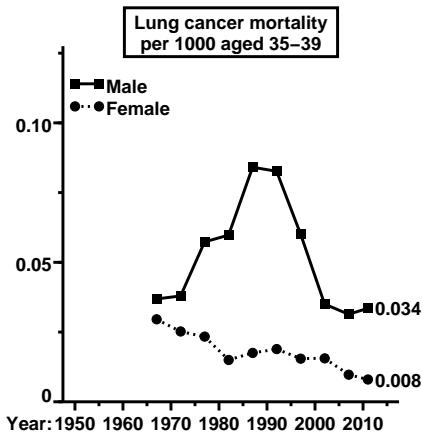
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.11	0.98	1.75	2.90	7.58	-	0.09	0.06	1.60	0.10	5.01	-	0.06	5.01	
1970	-	0.10	0.98	1.69	3.33	7.62	-	0.10	0.06	1.58	0.06	5.01	-	0.06	5.01	
1975	-	0.11	1.25	1.74	4.54	7.72	-	0.09	0.08	1.65	0.18	5.41	-	0.07	5.41	
1980	-	0.10	1.39	1.72	4.84	7.96	-	0.09	0.07	1.69	0.24	5.73	-	0.07	5.73	
1985	-	0.09	1.40	1.57	5.55	8.48	-	0.08	0.07	1.61	0.31	6.04	-	0.07	6.04	
1990	-	0.07	1.43	1.55	5.81	8.40	-	0.07	0.08	1.57	0.36	5.95	-	0.07	5.95	
1995	-	0.07	1.41	1.52	5.96	8.58	-	0.06	0.07	1.50	0.41	6.22	-	0.06	6.22	
2000	-	0.06	1.34	1.45	5.51	8.51	-	0.05	0.07	1.39	0.42	6.14	-	0.05	6.14	
2005	-	0.06	1.34	1.40	5.09	8.17	-	0.05	0.09	1.35	0.34	5.74	-	0.05	5.74	
2010	-	0.06	1.32	1.40	4.91	7.64	-	0.05	0.14	1.30	0.35	5.33	-	0.05	5.33	
2015	-	0.07	1.32	1.39	4.74	7.14	-	0.06	0.21	1.24	0.36	4.94	-	0.06	4.94	

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

**GREECE: 1965-2012**

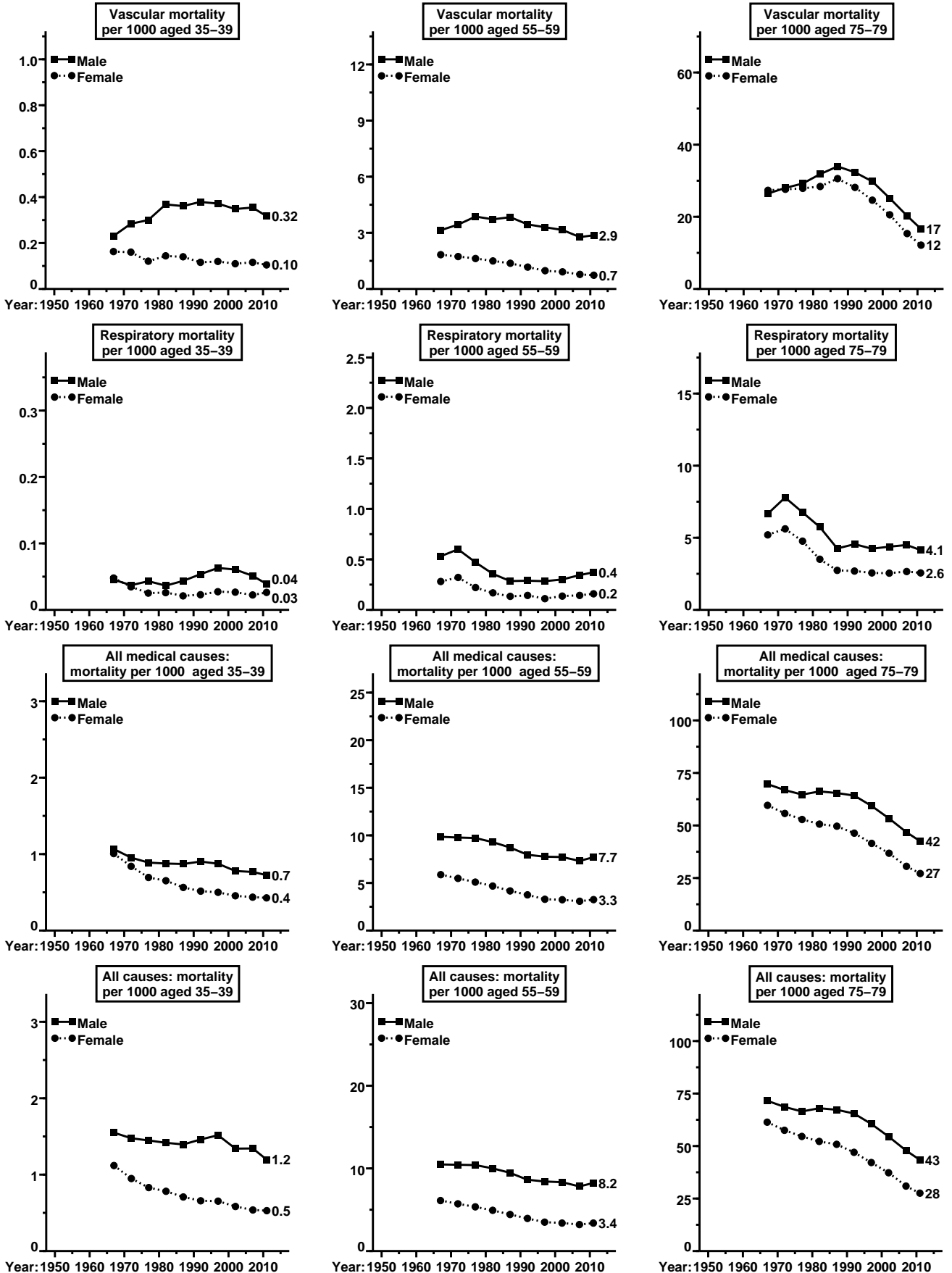
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 3-year average 2010-12

1965-2012: GREECE

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 3-year average 2010-12

<b>HUNGARY: 2010</b>
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		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
<b>ALL CAUSES</b>	M	65137	1426	30277	1193.1	61.6	1545.1	118.5	12.2	16.9	43.6	58.1	78.8	103.0
	F	65319	717	15155	659.9	34.8	641.2	109.8	8.1	10.3	22.1	19.9	31.0	42.4
<b>Tuberculosis</b>	M	112	1	74	2.1	0.0	3.5	-	-	-	-	-	-	0.2
	F	42	-	18	0.5	-	0.8	-	-	-	-	-	-	-
<b>Other infective and parasitic</b>	M	185	8	100	3.5	0.4	5.0	1.2	-	-	0.3	0.3	0.3	0.5
	F	182	5	49	2.0	0.2	2.1	0.8	-	-	0.3	0.3	-	0.2
<b>ALL CANCER</b>	M	18032	149	10212	332.4	6.2	525.4	4.0	4.1	3.1	5.2	6.4	8.9	12.0
	F	14430	126	6446	174.5	5.3	270.7	3.4	3.9	1.2	3.7	4.4	5.7	14.7
<b>Mouth and pharynx cancer</b>	M	1232	2	1053	23.6	0.1	51.2	-	-	-	0.3	-	-	0.2
	F	292	-	202	4.1	-	8.3	-	-	-	-	-	-	-
<b>Oesophagus cancer</b>	M	496	-	393	9.4	-	19.7	-	-	-	-	-	-	-
	F	109	-	72	1.4	-	3.0	-	-	-	-	-	-	-
<b>Stomach cancer</b>	M	932	4	443	17.0	0.1	23.0	-	-	-	-	0.3	-	0.7
	F	694	5	227	7.5	0.2	9.6	-	-	-	-	-	0.6	0.7
<b>Colorectal cancer</b>	M	2704	9	1262	49.1	0.3	66.9	-	-	-	-	-	0.6	1.6
	F	2261	6	775	24.8	0.2	33.0	-	-	-	-	-	0.9	0.7
<b>Liver cancer</b>	M	480	1	282	8.9	0.0	14.5	-	-	-	-	-	-	0.2
	F	213	-	72	2.4	-	3.1	-	-	-	-	-	-	-
<b>Pancreas cancer</b>	M	863	4	506	15.9	0.1	26.3	-	-	-	-	-	0.3	0.7
	F	985	2	359	11.1	0.1	15.1	-	-	-	-	-	-	0.5
<b>Larynx cancer</b>	M	507	1	420	9.6	0.0	20.6	-	-	-	-	-	-	0.2
	F	73	-	54	1.1	-	2.3	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	5741	6	3690	106.4	0.2	189.5	-	-	-	0.3	0.6	0.3	0.5
	F	2907	5	1769	38.8	0.2	73.5	-	-	-	-	-	-	1.2
<b>Malignant melanoma</b>	M	205	6	119	3.8	0.2	6.0	-	-	-	-	0.3	-	1.1
	F	131	2	55	1.6	0.1	2.3	-	-	-	-	0.3	-	0.2
<b>Female breast cancer</b>	F	2011	14	934	24.9	0.5	39.2	-	-	-	-	-	0.3	3.1
<b>Cervix cancer</b>	F	379	7	248	5.7	0.2	10.2	-	-	-	-	-	0.6	1.2
<b>Other uterine cancer</b>	F	386	-	165	4.5	-	7.0	-	-	-	-	-	-	-
<b>Ovarian cancer</b>	F	678	5	320	8.4	0.2	13.5	-	-	-	-	-	0.6	0.7
<b>Prostate cancer</b>	M	1209	-	289	21.3	-	16.7	-	-	-	-	-	-	-
<b>Bladder cancer</b>	M	630	-	233	11.4	-	12.8	-	-	-	-	-	-	-
	F	274	-	111	3.1	-	4.7	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	2110	70	1124	39.0	3.0	57.4	2.0	2.8	1.6	2.3	3.0	3.7	5.4
	F	2173	51	773	25.0	2.4	32.6	2.5	3.0	0.4	2.0	3.5	1.8	3.3
<b>Hodgkin's disease</b>	M	18	4	10	0.3	0.2	0.5	-	-	-	-	0.3	0.6	0.2
	F	15	5	5	0.2	0.2	0.2	-	-	-	-	0.3	0.3	0.7
<b>Myeloma and non-Hodgkin lymphomas</b>	M	421	12	198	7.7	0.5	10.4	-	0.4	0.8	0.7	0.3	0.9	0.7
	F	421	10	154	4.9	0.4	6.6	0.4	-	-	1.0	-	-	1.4
<b>Leukaemia</b>	M	484	30	190	8.9	1.4	10.0	2.0	0.8	0.8	1.6	1.5	2.6	0.5
	F	428	14	151	5.0	0.7	6.4	0.4	0.9	0.8	0.7	0.3	0.6	0.9
<b>Diabetes</b>	M	1114	7	493	20.2	0.2	26.1	-	-	0.4	-	-	-	1.4
	F	1445	5	320	14.3	0.2	13.9	-	-	-	-	0.3	0.3	0.7
<b>ALL VASCULAR DISEASE</b>	M	29191	106	10363	523.2	3.9	541.2	0.4	-	0.8	2.9	3.9	5.2	14.3
	F	36628	51	4529	324.4	2.1	194.3	1.3	0.9	0.4	1.4	1.3	2.7	6.6
<b>Rheumatic heart disease and fever</b>	M	88	-	32	1.6	-	1.8	-	-	-	-	-	-	-
	F	172	-	23	1.6	-	1.0	-	-	-	-	-	-	-
<b>Hypertensive disease</b>	M	2476	4	715	44.0	0.1	37.7	-	-	-	-	-	0.3	0.7
	F	4291	3	424	36.8	0.1	18.2	-	-	-	0.3	-	-	0.5
<b>Ischaemic heart disease</b>	M	15390	30	5491	275.7	1.0	286.7	-	-	-	-	0.9	0.6	5.7
	F	18452	9	2179	162.1	0.3	93.5	-	-	-	0.3	-	0.9	1.2
<b>Pulmonary embolism and other venous</b>	M	288	7	127	5.2	0.3	6.5	-	-	-	-	0.6	0.6	0.7
	F	428	2	107	4.3	0.1	4.6	-	-	-	-	-	-	0.5
<b>Cerebrovascular disease</b>	M	6083	23	2002	108.6	0.8	105.9	-	-	0.4	1.0	0.9	-	3.6
	F	7918	15	985	70.6	0.6	42.5	-	0.4	-	0.3	0.6	0.6	2.1
<b>Other vascular disease</b>	M	4866	42	1996	88.1	1.7	102.7	0.4	-	0.4	1.9	1.5	3.7	3.6
	F	5367	22	811	49.0	0.9	34.6	1.3	0.4	0.4	0.3	0.6	1.2	2.4
<b>Chronic obstructive pulmonary disease</b>	M	2812	14	1069	50.5	0.5	55.9	-	-	-	0.7	-	0.9	2.0
	F	2010	11	594	21.2	0.5	25.1	-	-	0.8	0.3	0.6	0.3	1.2
<b>Other respiratory disease</b>	M	753	24	309	13.7	1.0	15.4	1.2	0.4	-	1.0	0.6	2.9	1.1
	F	679	14	153	7.0	0.7	6.4	1.7	-	0.8	0.7	-	0.6	0.9
<b>Peptic ulcer</b>	M	418	3	236	7.8	0.1	12.1	-	-	-	-	-	-	0.7
	F	348	1	87	3.5	0.0	3.7	-	-	-	-	-	-	0.2
<b>Liver cirrhosis</b>	M	3134	29	2634	60.3	1.0	128.4	-	-	-	-	0.3	0.6	5.9
	F	1205	7	915	17.9	0.3	37.9	-	-	-	-	-	0.9	0.9
<b>Renal disease</b>	M	233	3	83	4.2	0.1	4.2	0.4	-	-	-	-	-	0.5
	F	359	1	69	3.5	0.1	3.0	-	0.4	-	-	-	-	-
<b>Pregnancy, birth</b>	F	14	9	5	0.3	0.3	0.2	-	-	-	-	0.6	0.9	0.9
<b>Congenital and perinatal causes</b>	M	357	281	63	10.0	15.4	2.9	95.8	0.4	1.6	3.6	2.4	2.9	1.4
	F	303	240	50	8.7	13.9	2.1	88.0	0.9	-	2.4	1.3	3.3	1.4
<b>Ill-defined causes</b>	M	85	17	35	1.7	0.9	1.6	4.8	-	-	0.3	-	0.6	0.5
	F	68	4	11	0.7	0.2	0.5	1.7	-	-	-	-	-	-
<b>Other medical causes</b>	M	4015	120	1723	73.5	5.3	87.6	8.0	4.1	2.0	5.5	4.2	4.0	9.1
	F	5229	80	1106	52.5	3.8	47.0	6.7	1.3	3.7	3.4	1.6	5.4	4.5
<b>ALL NON-MEDICAL CAUSES</b>	M	4696	664	2883	90.0	26.5	135.9	2.8	3.2	9.0	24.1	40.0	52.7	53.5
	F	2377	163	803	28.8	7.3	33.5	6.3	0.9	3.3	9.9	9.5	11.0	10.0
<b>Road traffic accidents</b>	M	668	200	377	13.1	8.1	17.4	0.4	1.6	3.1	7.8	13.3	16.9	13.6
	F	222	46	112	3.6	2.1	4.7	2.1	-	1.2	3.4	3.2	3.0	1.9
<b>Fire</b>	M	92	7	55	1.8	0.3	2.7	-	0.4	-	0.3	0.3	0.3	0.7
	F	48	1	14	0.5	0.0	0.6	-	-	-	-	-	-	0.2
<b>Suicide</b>	M	1945	269	1318	37.5	10.3	61.3	-	-	0.8	7.8	16.0	22.6	25.2
	F	547	58	341	8.4	2.4	14.2	-	-	0.4	3.7	2.8	5.4	4.5
<b>POPULATION:</b>			<b>M=male</b>		4756.9	2180.2	2184.0	251.5	246.6	254.4	307.3	330.4	349.1	440.9
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		5257.8	2081.6	2420.5	238.7	233.9	241.4	293.7	316.8	335.2	421.8

## 2010: HUNGARY

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			
191.3	379.9	780.5	1318.0	1951.7	2722.3	3471.9	5246.6	7292.2	13976.6	M	ALL CAUSES	001-999/A00-Y89
83.0	149.7	328.4	541.8	765.1	1116.4	1503.9	2615.7	4422.9	11783.8	F		
1.0	2.0	2.8	3.9	6.6	3.8	4.1	5.9	9.9	13.5	M	Tuberculosis	010-018, 137/
-	0.6	0.7	0.8	1.0	1.5	0.7	0.8	1.8	6.4	F		A15-A19, B90
1.8	1.7	3.8	5.1	4.9	8.0	9.5	10.4	23.2	27.8	M	Other infective	Rest of 001-139,279.5&6/
-	0.6	2.0	0.8	2.7	4.0	4.6	12.2	11.3	25.7	F	and parasitic	rest of A00-B99 excl A33,A34
26.4	72.3	206.5	434.1	727.5	991.8	1218.9	1653.4	1880.0	2416.3	M	ALL CANCER	140-208/C00-C97
32.8	57.2	144.1	253.2	357.4	483.4	566.8	797.8	938.4	1339.8	F		
2.1	8.7	36.5	69.2	86.6	83.3	72.2	56.8	43.1	32.0	M	Mouth and	140-149/C00-C14
0.3	0.6	6.0	11.1	14.6	14.9	10.5	7.9	10.0	17.1	F	pharynx cancer	
0.8	1.7	10.0	22.8	30.9	33.9	37.7	31.3	27.3	18.5	M	Oesophagus cancer	150/C15
-	-	2.0	1.6	4.7	6.1	6.9	3.1	5.0	6.4	F		
1.3	3.8	8.6	15.0	33.5	37.7	61.3	99.9	110.2	167.6	M	Stomach cancer	151/C16
0.5	1.2	4.7	6.2	12.6	18.6	23.5	34.6	52.1	92.4	F		
2.3	8.7	15.2	41.3	80.5	133.2	187.0	289.8	343.0	484.3	M	Colorectal cancer	153, 154/C18-C21
4.8	5.9	9.0	19.0	39.2	61.2	91.8	126.9	190.1	263.0	F		
0.5	0.9	5.9	13.2	18.5	34.2	28.1	43.7	49.7	59.0	M	Liver cancer	155.0/C22 excl C221
-	0.3	1.3	2.7	3.5	6.4	7.2	13.0	16.3	25.7	F		
1.0	4.1	7.6	20.1	34.9	50.6	65.8	86.8	83.7	100.2	M	Pancreas cancer	157/C25
0.5	2.1	5.3	10.0	21.6	30.2	36.3	63.2	85.1	98.2	F		
0.5	2.6	13.4	25.1	37.2	32.7	32.2	18.9	28.2	19.4	M	Larynx cancer	161/C32
-	-	2.3	3.5	2.0	4.6	3.6	3.5	2.3	1.8	F		
3.1	19.4	62.4	157.5	280.8	379.4	424.0	531.3	536.1	491.9	M	Lung cancer	162/C33, C34
2.9	12.7	37.3	83.3	110.5	138.3	129.4	148.5	133.1	164.5	F		
1.0	4.3	4.1	4.5	6.3	8.8	12.7	20.2	15.7	25.3	M	Malignant melanoma	172/C43
1.3	1.2	1.7	3.0	1.7	3.4	3.9	5.9	10.9	12.5	F		
6.7	12.4	26.0	42.3	48.6	63.7	74.5	119.8	119.5	176.3	F	Female breast cancer	174/C50
4.5	6.2	13.0	16.0	11.4	12.8	7.8	15.3	15.8	17.8	F	Cervix cancer	180/C53
0.3	1.5	3.0	3.8	8.7	13.4	18.6	23.6	24.4	38.2	F	Other uterine cancer	179, 182/C54, C55
2.4	2.1	10.3	13.0	17.6	18.6	30.4	38.5	46.6	54.2	F	Ovarian cancer	183/C56, C570-C574
-	0.3	0.3	3.3	10.4	34.6	67.6	127.3	209.6	397.5	M	Prostate cancer	185/C61
0.3	0.6	4.1	6.3	8.9	32.7	36.3	73.1	93.6	144.9	M	Bladder cancer	188/C67
0.8	0.3	2.0	3.5	5.2	8.5	12.8	10.6	18.6	33.9	F		
9.3	11.9	30.0	46.1	74.5	96.7	133.5	178.2	201.3	336.9	M	Other and ill-defined	Rest of 140-199/
5.1	7.7	12.3	26.3	40.9	59.1	76.8	129.2	143.0	251.3	F	cancer sites	rest of C00-C80, C97
0.5	0.3	0.3	0.3	0.6	0.8	0.5	2.0	-	0.8	M	Hodgkin's disease	201/C81
0.3	-	0.3	-	-	0.3	0.7	-	1.4	0.7	F		
2.3	2.0	4.1	5.1	12.7	13.7	33.1	41.1	61.3	62.3	M	Myeloma and non-	200, 202-203/
1.1	1.2	4.0	3.8	6.4	14.9	14.7	27.9	34.0	39.6	F	Hodgkin lymphomas	C82-C90, C96
1.3	2.9	3.8	4.5	11.2	19.4	26.8	52.9	77.1	75.8	M	Leukaemia	204-208/C91-C95
1.3	2.1	3.7	3.8	8.2	8.5	17.3	26.3	30.3	46.0	F		
0.8	4.3	11.0	17.1	27.1	53.3	69.0	109.0	147.5	226.6	M	Diabetes	250/E10-E14
1.6	0.9	3.7	6.2	10.2	28.3	46.7	73.1	136.2	225.9	F		
38.1	107.1	221.3	394.9	628.0	1000.6	1398.6	2436.6	3850.3	8710.2	M	ALL VASCULAR	390-459/I00-I99
12.3	34.5	65.9	121.6	204.5	336.0	585.7	1259.7	2567.0	8269.4	F	DISEASE	
0.3	-	1.0	0.6	1.7	1.9	6.8	6.5	11.6	26.9	M	Rheumatic heart	390-398/I00-I09
-	0.6	0.3	0.3	0.5	2.1	3.3	11.4	14.0	31.8	F	disease and fever	
1.6	7.5	18.3	21.9	42.4	70.8	101.7	204.3	328.1	882.6	M	Hypertensive disease	401-405/I10-I15
0.5	1.8	6.0	11.4	19.1	34.1	54.6	130.4	287.0	1034.3	F		
14.2	54.6	115.2	212.6	342.2	529.8	738.1	1270.2	2016.7	4622.9	M	Ischaemic heart	410-414/I20-I25
3.7	13.0	26.0	58.4	100.9	163.3	289.3	630.9	1292.3	4212.5	F	disease	
1.0	2.0	3.5	4.2	8.1	13.3	13.2	24.1	33.1	64.8	M	Pulmonary embolism	415.1, 451-453/
1.1	1.5	4.0	1.4	4.7	8.5	11.1	16.5	31.7	73.9	F	and other venous	126, 180-182
9.1	17.1	31.4	71.3	113.4	203.6	295.5	549.6	904.8	1788.9	M	Cerebrovascular	430-438/I60-I69
3.2	8.2	15.3	23.9	40.6	76.2	129.8	294.2	591.2	1735.6	F	disease	
11.9	25.8	52.1	84.4	120.0	181.2	243.3	381.9	556.0	1324.0	M	Other vascular	Rest of 390-459/
3.7	9.4	14.3	26.3	38.7	51.8	97.7	176.4	350.8	1181.3	F	disease	rest of I00-I99
1.8	8.1	17.6	38.9	68.7	119.5	136.6	261.1	415.9	696.5	M	Chronic obstructive	490-496/
1.6	3.8	8.7	22.8	28.8	52.7	57.5	97.0	133.5	308.0	F	pulmonary disease	J40-J47, J67
3.9	5.5	8.6	12.6	22.2	24.4	30.4	61.4	78.7	194.6	M	Other respiratory	Rest of 460-519/
2.1	3.2	3.3	5.2	7.7	10.4	13.1	25.5	51.6	118.8	F	disease	rest of J00-J98
1.3	2.0	10.3	9.9	14.4	20.6	25.9	32.6	40.6	67.4	M	Peptic ulcer	531-533/K25-K27
0.5	0.3	2.3	4.9	3.5	7.0	7.2	9.8	28.5	61.4	F		
16.6	41.8	100.3	159.6	192.8	187.2	200.7	171.0	111.9	62.3	M	Liver cirrhosis	571/K70, K74
4.0	9.7	25.6	49.4	54.3	66.4	55.9	47.5	39.8	26.4	F		
0.8	0.3	1.7	6.0	4.9	5.7	10.0	18.3	38.9	60.6	M	Renal disease	580-590/N00-N19
0.3	2.1	1.3	1.6	2.5	5.5	7.5	16.9	34.4	60.7	F		
0.8	0.3	0.3	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
3.1	3.5	1.4	3.3	2.9	2.7	3.2	3.3	2.5	4.2	F	Congenital and	740-779/A33,
1.9	1.5	4.3	1.4	2.5	0.9	2.3	1.6	3.2	0.7	F	perinatal causes	P00-P96, Q00-Q99
1.6	2.3	1.4	1.2	1.4	1.1	2.3	1.3	2.5	23.6	M	Ill-defined causes	780-799/R00-R99
-	-	0.3	0.5	0.7	0.6	1.0	0.4	3.2	16.1	F		
16.3	34.0	50.0	76.7	97.0	137.4	202.0	287.2	450.7	1000.6	M	Other medical causes	Rest of 001-799/
7.7	14.7	32.6	38.5	51.5	78.9	104.6	203.1	354.9	978.6	F		rest of A00-R99
77.8	94.9	143.8	154.8	153.2	166.3	160.7	195.2	239.4	472.5	M	ALL NON-	E800-E999/V01-Y89
17.4	20.3	33.3	34.7	37.9	40.8	50.3	70.3	119.0	345.8	F	MEDICAL CAUSES	
13.5	16.8	17.6	21.0	17.0	16.8	19.5	21.5	25.7	22.7	M	Road traffic	E810-E819, E826-E829/
3.7	3.2	5.7	4.3	5.2	5.5	4.9	9.4	8.2	7.8	F	accidents	part of V01-V99, Y850
0.8	1.2	2.1	4.2	2.9	3.4	4.1	5.9	5.8	11.8	M	Fire	E890-E899/X00-X09
0.3	-	0.3	1.1	1.0	0.6	0.7	2.4	4.1	6.4	F		
39.1	45.0	72.0	73.3	71.0	67.4	61.3	73.8	86.2	118.8	M	Suicide	E950-E959/X60-X84
6.7	10.0	17.0	16.3	15.9	14.9	19.0	15.3	19.5	23.6	F		
385.9	344.6	290.1	334.0	346.5	262.8	220.3	153.2	120.7	118.7	M	POPULATION	
374.5	339.4	300.5	368.4	403.5	328.3	305.9	254.6	220.9	280.2	F	(1000s; UN, 2015 revision)	

<b>HUNGARY: 2010</b>
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**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	– / 1.5	– / 0.7	–
35–69	15 / 30	5.4 / 15	22 years
70+	8.8 / 33	6.6 / 49	8 years
<b>All ages</b>	<b>23 / 65</b>	<b>12 / 65</b>	<b>16 years</b>

**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	3.5/3.7	1.8/2.0	5.3/5.7	–/0.0	1.6/1.8	0.9/1.1	2.4/2.9
All Cancer	–/0.2	6.1/10 (60%)	2.8/7.6 (36%)	8.9/18	–/0.1	2.0/6.6 (31%)	1.1/7.8 (15%)	3.2/15
Vascular	–/0.1	6.0/10	4.1/18	10/29	–/0.0	2.2/4.5	4.0/31	6.2/36
Respiratory	–/0.0	1.1/1.4	1.4/2.2	2.5/3.7	–/0.0	0.6/0.8	1.1/2.0	1.6/2.8
All Other	–/1.2	1.2/8.2	0.4/5.0	1.7/14	–/0.5	0.6/3.5	0.4/7.6	1.0/12
<b>All Causes</b>	<b>–/1.5</b>	<b>15/30 (48%)</b>	<b>8.8/33 (26%)</b>	<b>23/65</b>	<b>–/0.7</b>	<b>5.4/15 (35%)</b>	<b>6.6/49 (14%)</b>	<b>12/65</b>

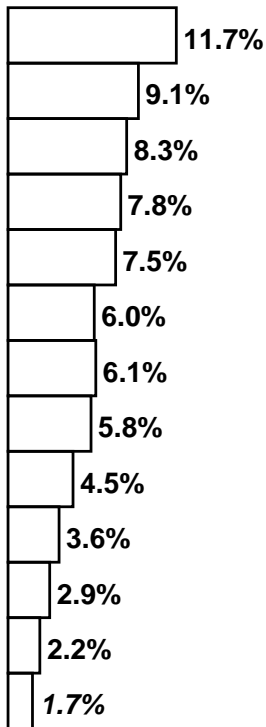
**Cancer deaths, and all deaths,  
attributed to SMOKING / total deaths (thousands) in the year 2010**

Cause	Male	Female	Male + Female
All Cancer	8.9 / 18 (49%)	3.2 / 15 (22%)	12 / 33 (37%)
All Causes	23 / 65 (36%)	12 / 65 (19%)	35 / 130 (27%)



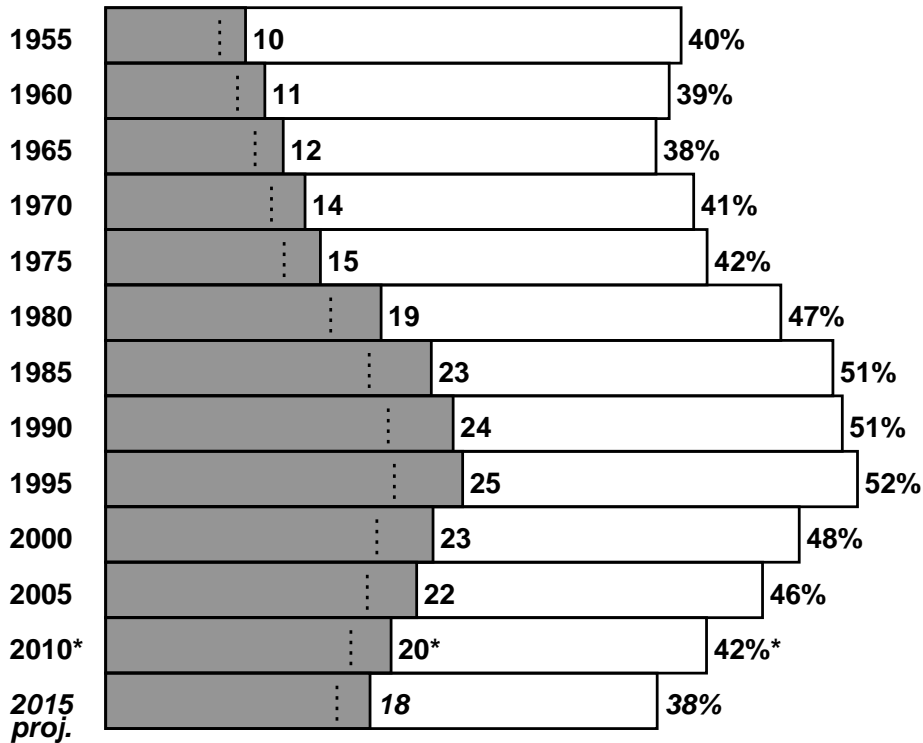
1955-2015: HUNGARY

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)

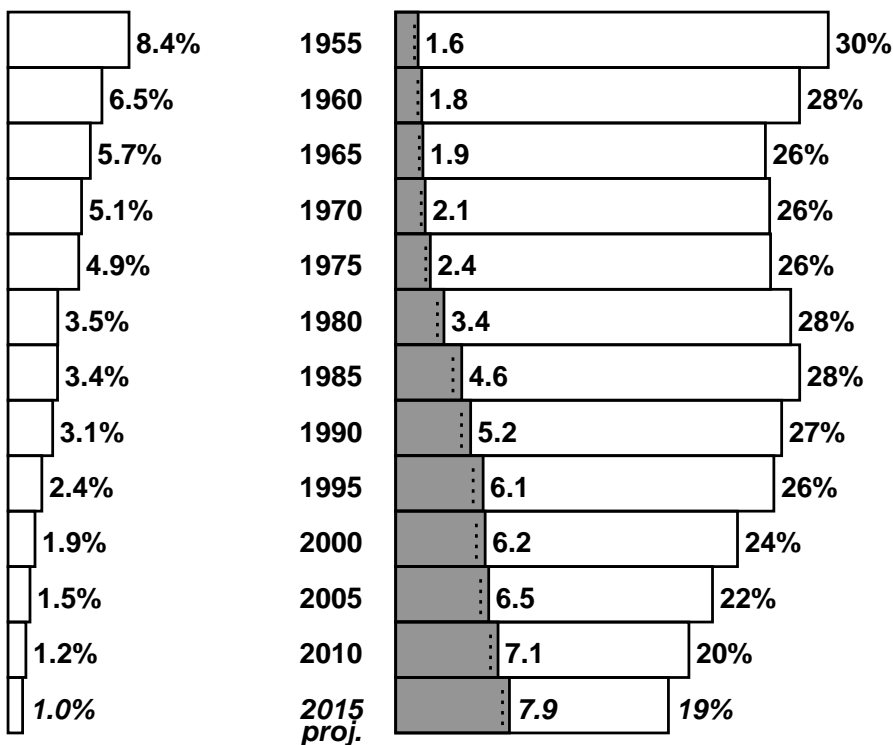
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 42 would die before age 70 (with 20 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



<b>HUNGARY: 1950-2015</b>
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**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	– / 1.0	– / 0.5	–
35–69	13 / 28	6.1 / 14	<b>22 years</b>
70+	8.8 / 32	7.1 / 47	8 years
<b>All ages</b>	<b>22 / 61</b>	<b>13 / 61</b>	<b>16 years</b>

**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	–/11	5.3/21 <b>(25%)</b>	1.2/20 <b>(6%)</b>	6.5/52	–/7.8	0.9/18 <b>(5%)</b>	0.3/24 <b>(1%)</b>	1.2/50
1965	–/6.0	7.6/24 <b>(32%)</b>	3.6/24 <b>(15%)</b>	11/53	–/3.9	1.3/17 <b>(7%)</b>	1.4/30 <b>(5%)</b>	2.6/51
1975	–/6.2	10/28 <b>(35%)</b>	7.9/33 <b>(24%)</b>	18/67	–/3.8	1.7/19 <b>(9%)</b>	2.5/39 <b>(6%)</b>	4.2/62
1985	–/4.7	16/35 <b>(46%)</b>	10/38 <b>(27%)</b>	26/77	–/2.4	3.1/19 <b>(16%)</b>	3.9/48 <b>(8%)</b>	7.0/69
1995	–/3.1	19/40 <b>(47%)</b>	9.6/34 <b>(28%)</b>	28/77	–/1.5	4.6/20 <b>(23%)</b>	5.6/47 <b>(12%)</b>	10/68
2005	–/2.0	16/33 <b>(48%)</b>	9.0/34 <b>(26%)</b>	25/69	–/0.9	4.9/16 <b>(30%)</b>	5.9/48 <b>(12%)</b>	11/65
2015 <i>proj.</i>	–/1.0	13/28 <b>(48%)</b>	8.8/32 <b>(27%)</b>	22/61	–/0.5	6.1/14 <b>(42%)</b>	7.1/47 <b>(15%)</b>	13/61

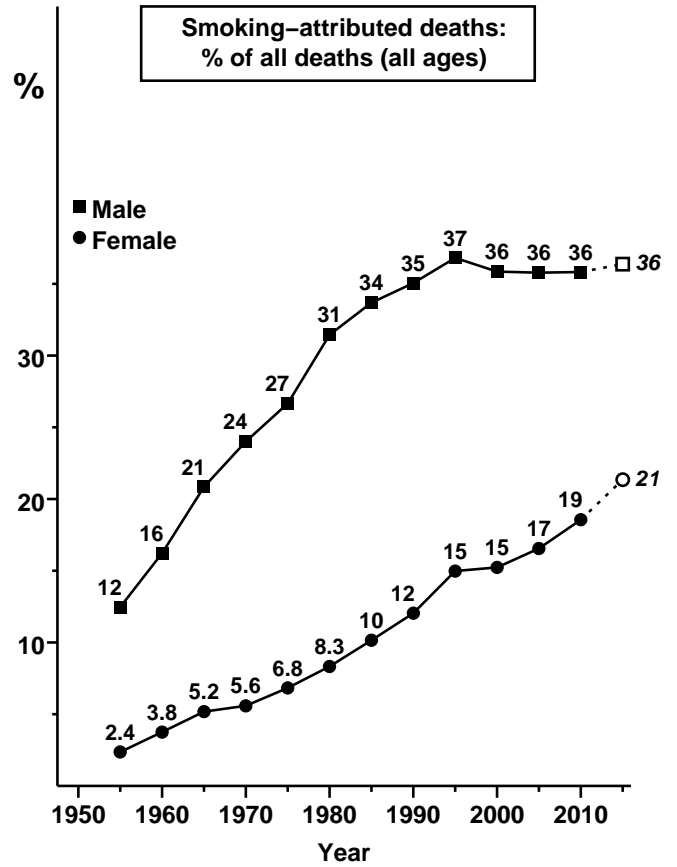
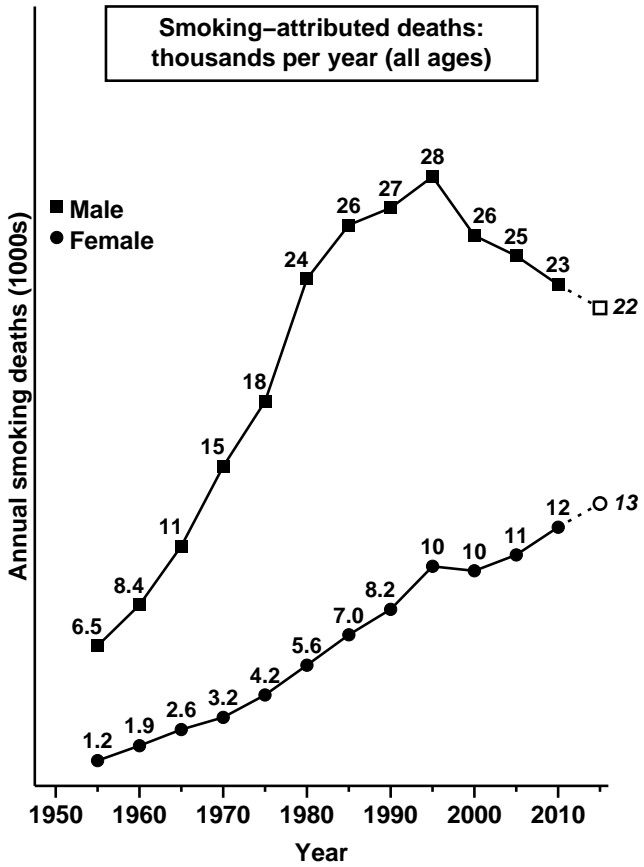
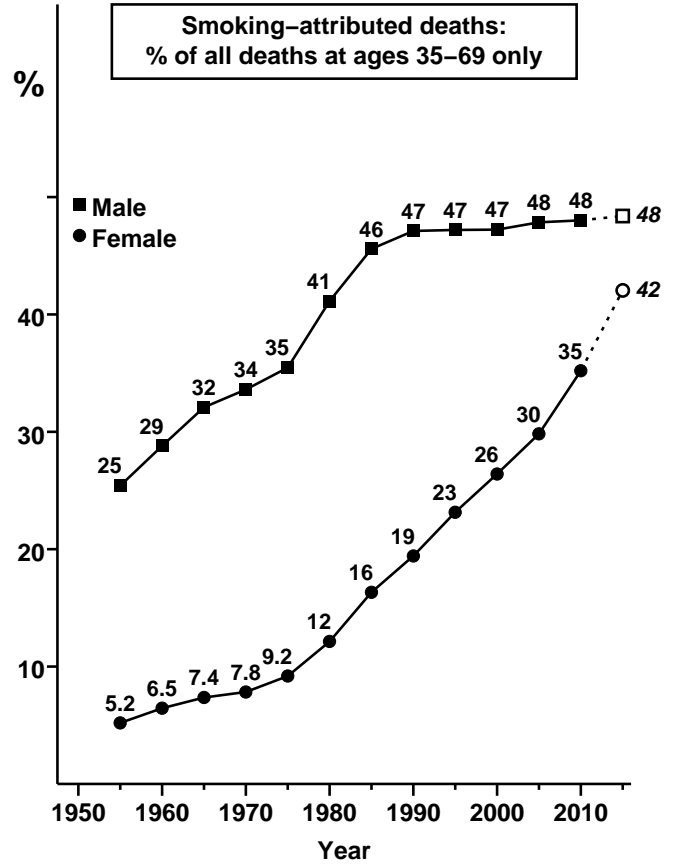
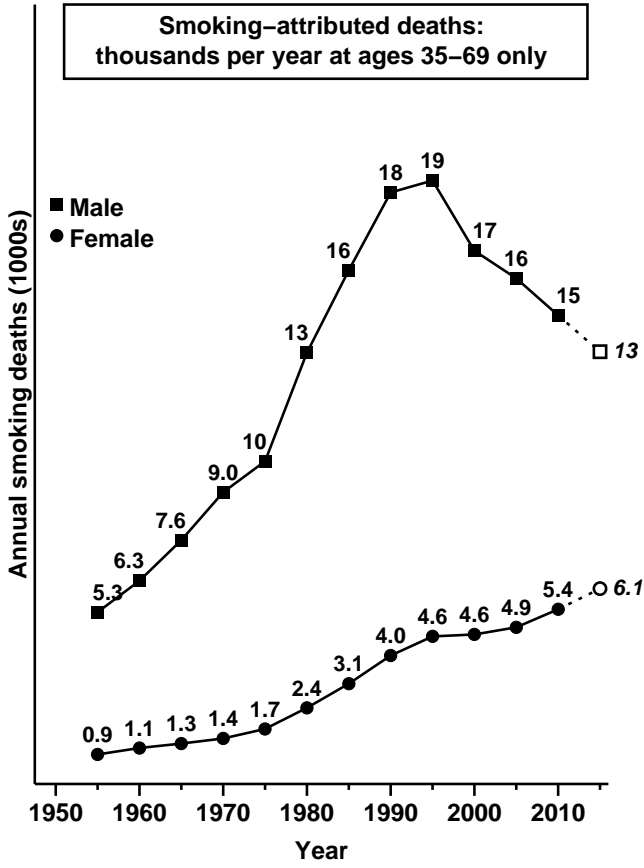
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 1782 / 7808**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

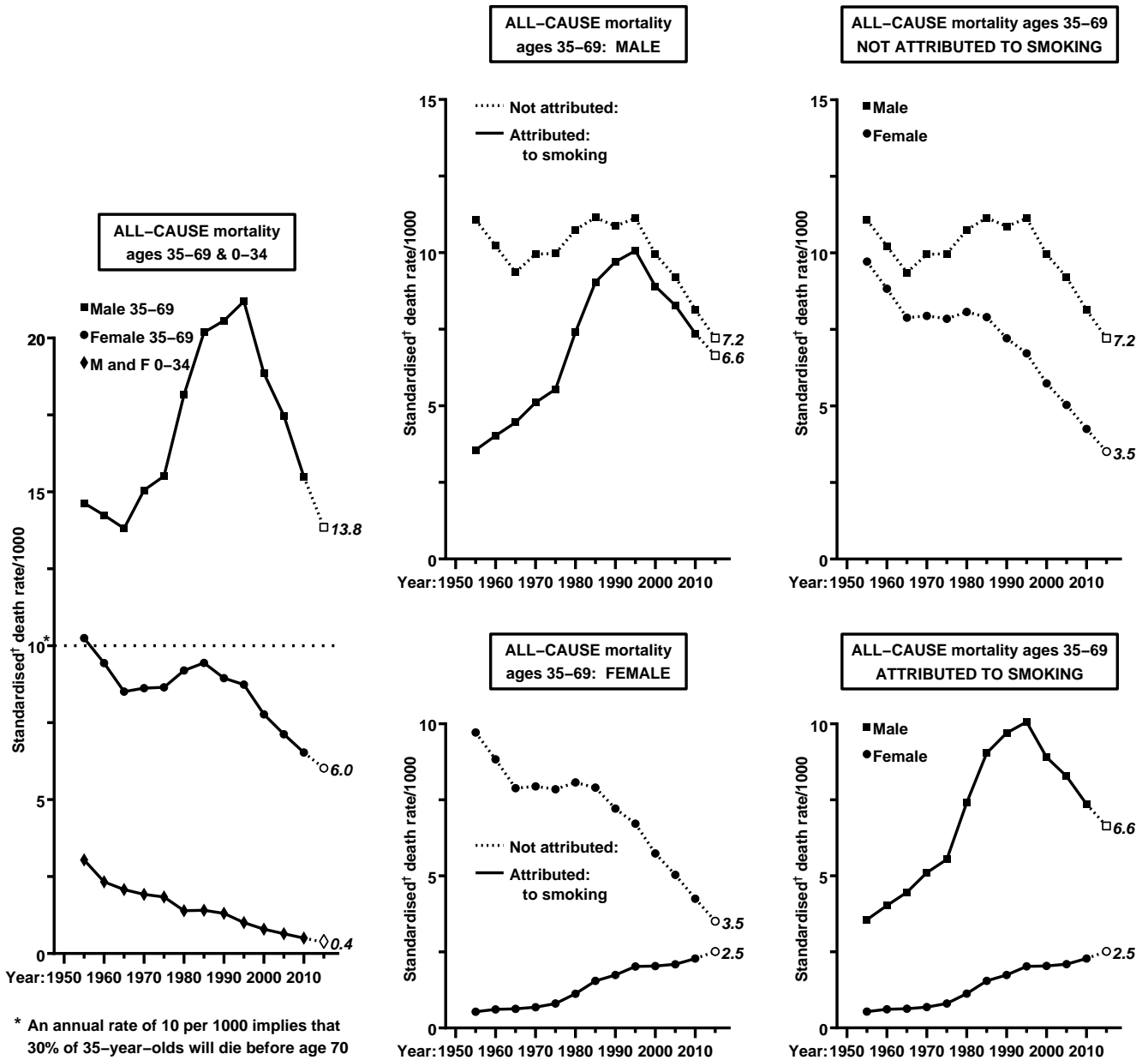
–/230	812/1867 <b>(44%)</b>	490/1951 <b>(25%)</b>	1302/4047	–/131	215/1050 <b>(21%)</b>	264/2579 <b>(10%)</b>	479/3761
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1955-2015: HUNGARY



**HUNGARY: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

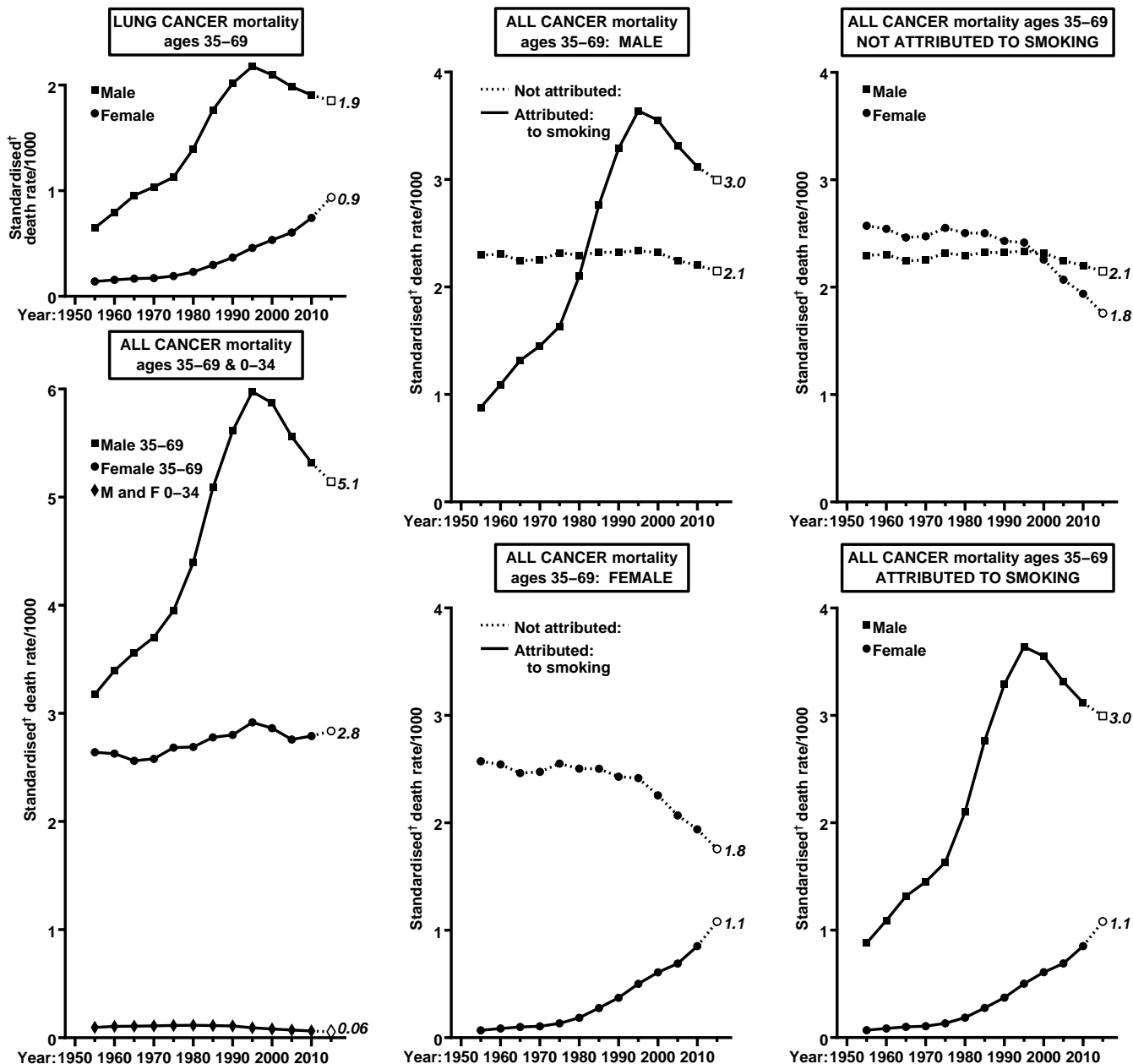
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	-	3.56	3.56	11.1	5.25	74.1	-	2.52	0.53	9.71	0.85	67.7	-	2.52	0.53	9.71
1960	-	2.72	4.02	10.2	8.50	72.2	-	1.93	0.61	8.83	2.10	64.1	-	1.93	0.61	8.83
1965	-	2.46	4.46	9.36	13.1	65.9	-	1.69	0.63	7.88	3.09	57.7	-	1.69	0.63	7.88
1970	-	2.34	5.10	9.95	18.4	67.0	-	1.50	0.68	7.94	3.40	58.3	-	1.50	0.68	7.94
1975	-	2.23	5.54	9.97	21.5	62.9	-	1.44	0.80	7.85	3.97	54.1	-	1.44	0.80	7.85
1980	-	1.77	7.41	10.7	25.4	63.2	-	1.01	1.12	8.07	4.58	53.5	-	1.01	1.12	8.07
1985	-	1.80	9.04	11.1	24.1	61.5	-	1.00	1.54	7.90	4.88	50.1	-	1.00	1.54	7.90
1990	-	1.70	9.70	10.9	23.4	58.6	-	0.90	1.74	7.21	5.87	46.4	-	0.90	1.74	7.21
1995	-	1.32	10.1	11.1	24.1	57.2	-	0.68	2.02	6.71	6.49	43.4	-	0.68	2.02	6.71
2000	-	1.03	8.90	9.95	21.0	51.0	-	0.54	2.03	5.74	5.75	37.2	-	0.54	2.03	5.74
2005	-	0.84	8.27	9.20	19.8	48.7	-	0.44	2.09	5.03	5.74	33.5	-	0.44	2.09	5.03
2010	-	0.64	7.36	8.13	18.6	43.8	-	0.36	2.28	4.25	5.88	29.2	-	0.36	2.28	4.25
2015	-	0.49	6.64	7.21	17.5	39.4	-	0.29	2.51	3.51	6.01	25.4	-	0.29	2.51	3.51

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

1955-2015: HUNGARY

ALL CANCER mortality rates attributed and not attributed to smoking



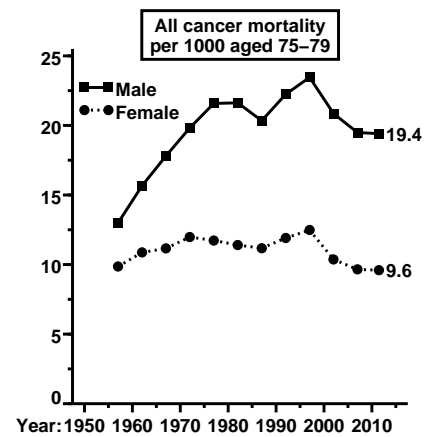
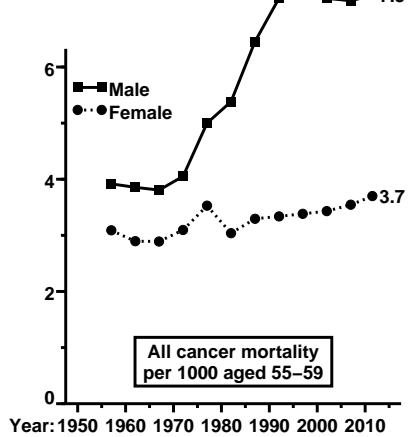
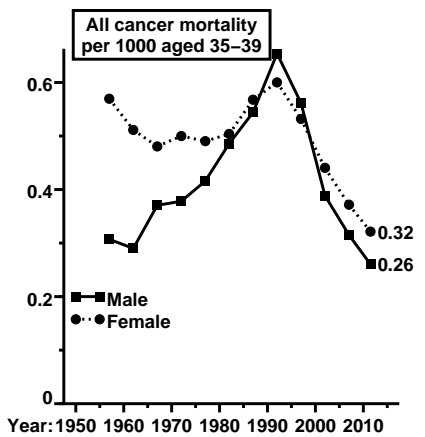
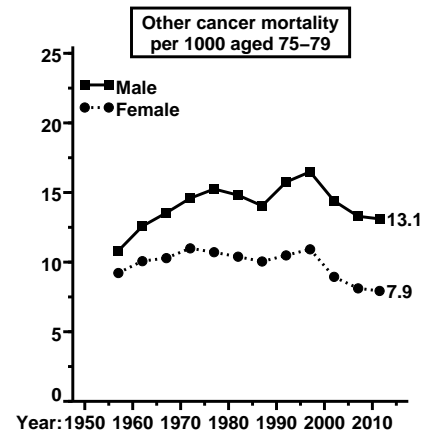
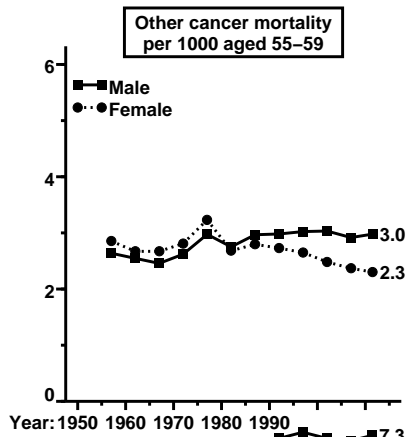
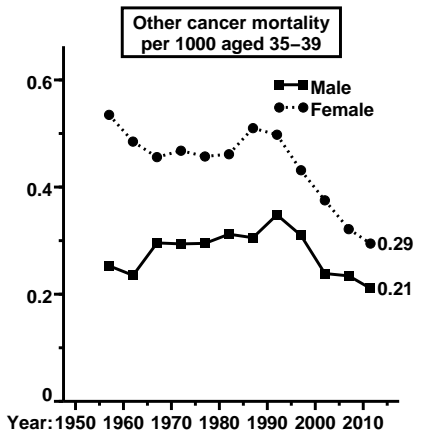
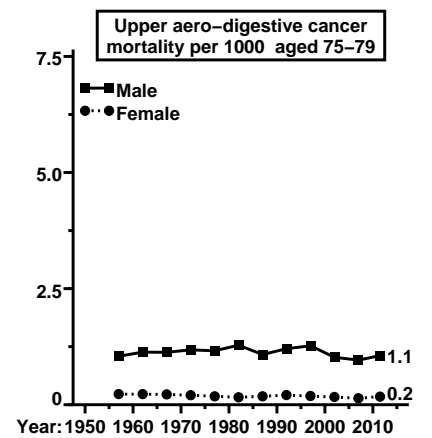
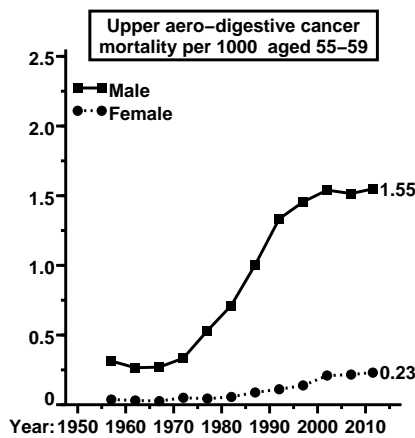
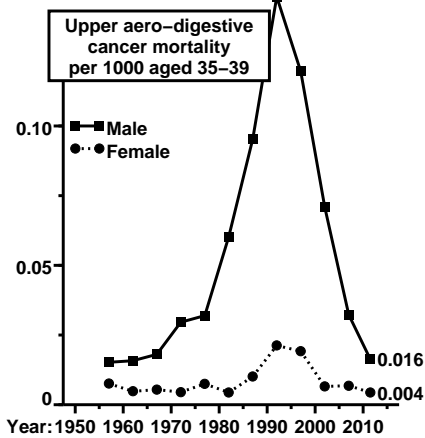
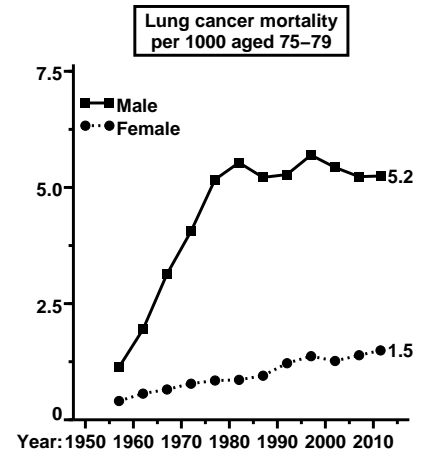
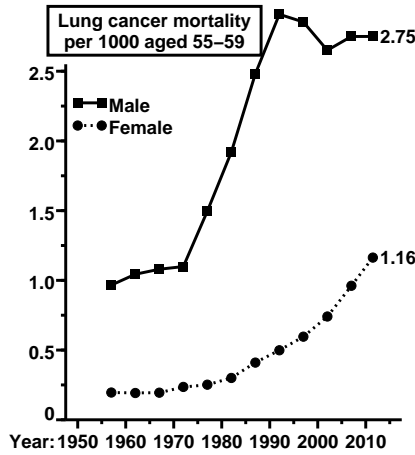
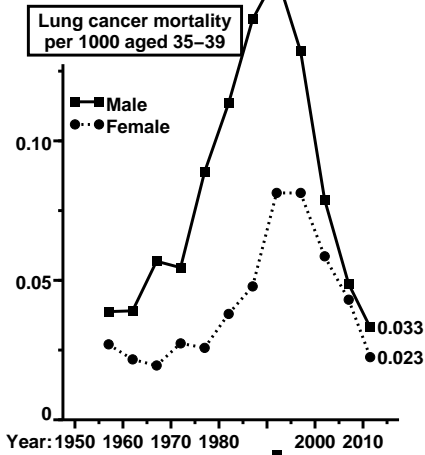
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	0.09	0.88	2.30	1.24	10.3	-	0.10	0.07	2.57	0.09	8.84	-	0.10	0.08	2.54	0.24	9.19
1960	-	0.11	1.09	2.30	2.20	11.5	-	0.10	0.10	2.46	0.41	9.40	-	0.10	0.11	2.47	0.46	9.81
1965	-	0.11	1.32	2.24	3.68	11.3	-	0.10	0.13	2.55	0.56	9.61	-	0.11	0.18	2.50	0.62	9.37
1970	-	0.12	1.45	2.25	5.20	12.1	-	0.10	0.13	2.55	0.56	9.61	-	0.11	0.18	2.50	0.62	9.37
1975	-	0.12	1.63	2.32	6.28	11.9	-	0.11	0.18	2.50	0.62	9.37	-	0.10	0.28	2.50	0.72	9.10
1980	-	0.12	2.10	2.29	7.23	11.9	-	0.10	0.37	2.43	0.97	9.48	-	0.10	0.37	2.43	0.97	9.48
1985	-	0.12	2.76	2.32	7.02	11.5	-	0.10	0.50	2.42	1.20	9.36	-	0.10	0.61	2.25	1.19	8.47
1990	-	0.11	3.29	2.32	7.37	12.2	-	0.10	0.61	2.25	1.19	8.47	-	0.10	0.69	2.07	1.25	7.58
1995	-	0.10	3.64	2.34	8.04	12.6	-	0.08	0.85	1.94	1.45	7.22	-	0.07	0.85	1.94	1.45	7.22
2000	-	0.08	3.55	2.32	7.55	11.8	-	0.08	1.08	1.76	1.69	6.83	-	0.06	1.08	1.76	1.69	6.83
2005	-	0.07	3.31	2.25	7.07	10.9	-	0.07	1.08	1.76	1.69	6.83	-	0.07	1.08	1.76	1.69	6.83
2010	-	0.07	3.12	2.20	7.10	10.6	-	0.06	1.08	1.76	1.69	6.83	-	0.06	1.08	1.76	1.69	6.83
2015	-	0.06	2.99	2.15	7.12	10.3	-	0.05	1.08	1.76	1.69	6.83	-	0.05	1.08	1.76	1.69	6.83

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

**HUNGARY: 1955-2013**

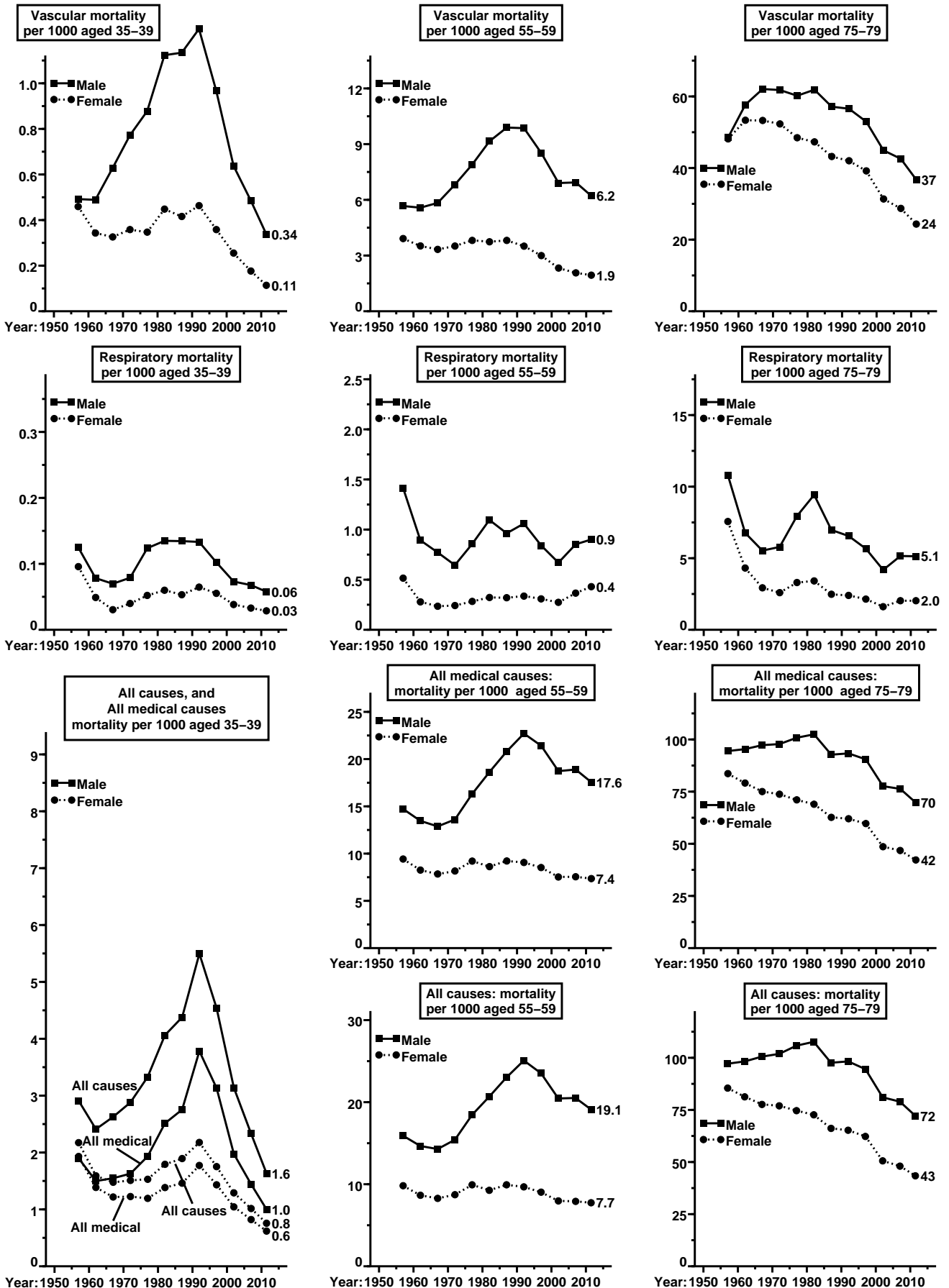
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1955-59,.....,2005-09; then 4-year average 2010-13

1955-2013: HUNGARY

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



\* Annual mortality per 1000: averages of years available in 1955-59, ..., 2005-09; then 4-year average 2010-13

<b>IRELAND: 2010</b>
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		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	13833	730	4232	641.1	58.8	538.1	98.5	7.4	13.3	51.2	82.1	78.1	81.2
	F	13289	355	2704	448.2	29.0	344.9	80.1	9.8	6.6	23.0	15.5	26.0	41.8
Tuberculosis	M	18	-	8	0.8	-	1.0	-	-	-	-	-	-	-
	F	17	-	1	0.5	-	0.2	-	-	-	-	-	-	-
Other infective and parasitic	M	111	8	47	5.1	0.7	5.3	1.6	0.6	-	1.4	-	-	1.0
	F	112	6	26	3.9	0.5	2.9	-	-	-	0.7	0.6	1.0	1.0
ALL CANCER	M	4186	58	1591	195.0	4.7	211.3	1.6	3.1	1.4	2.8	8.7	6.8	8.5
	F	3785	54	1455	144.8	4.2	187.3	1.7	2.6	0.7	2.2	1.2	5.6	14.9
Mouth and pharynx cancer	M	79	1	40	3.6	0.1	5.1	-	-	-	-	-	-	0.5
	F	48	2	19	1.9	0.2	2.5	-	-	0.7	-	-	-	0.5
Oesophagus cancer	M	212	2	104	9.9	0.1	13.5	-	-	-	-	-	1.1	-
	F	113	-	31	4.0	-	4.0	-	-	-	-	-	-	-
Stomach cancer	M	184	2	72	8.6	0.1	9.2	-	-	-	-	-	-	1.0
	F	142	2	49	5.2	0.1	5.8	-	-	-	-	-	-	1.0
Colorectal cancer	M	516	3	190	24.1	0.2	25.1	-	-	-	-	0.6	0.5	0.5
	F	401	3	128	14.9	0.2	16.5	-	-	-	-	-	-	1.5
Liver cancer	M	92	2	43	4.3	0.1	5.9	-	-	-	-	-	0.5	0.5
	F	28	-	9	1.1	-	1.2	-	-	-	-	-	-	-
Pancreas cancer	M	243	-	109	11.4	-	14.8	-	-	-	-	-	-	-
	F	234	1	72	8.8	0.1	10.1	-	-	-	-	-	-	0.5
Larynx cancer	M	45	-	29	2.1	-	3.8	-	-	-	-	-	-	-
	F	8	-	3	0.3	-	0.4	-	-	-	-	-	-	-
Lung cancer	M	961	-	403	44.9	-	54.2	-	-	-	-	-	-	-
	F	694	4	274	27.1	0.3	36.8	-	-	-	0.7	-	-	1.5
Malignant melanoma	M	79	6	39	3.6	0.5	5.0	-	-	-	-	0.6	2.1	0.5
	F	54	2	17	2.0	0.1	2.0	-	-	-	-	-	1.0	-
Female breast cancer	F	634	4	328	25.4	0.3	40.8	-	-	-	-	-	-	2.0
Cervix cancer	F	89	10	56	3.8	0.7	6.4	-	-	-	-	-	2.0	3.0
Other uterine cancer	F	85	-	27	3.3	-	3.7	-	-	-	-	-	-	-
Ovarian cancer	F	285	2	138	11.5	0.1	18.1	-	-	-	-	-	1.0	-
Prostate cancer	M	521	-	79	24.4	-	11.5	-	-	-	-	-	-	-
Bladder cancer	M	120	1	27	5.6	0.1	4.1	-	-	-	-	0.6	-	-
	F	66	1	13	2.3	0.1	1.8	-	-	-	-	-	0.5	-
Other and ill-defined cancer sites	M	788	29	329	36.5	2.4	41.8	1.6	2.5	-	1.4	5.0	2.1	4.0
	F	634	17	209	23.5	1.4	26.4	0.6	1.9	-	0.7	1.2	-	5.0
Hodgkin's disease	M	10	1	5	0.5	0.1	0.7	-	-	-	-	-	-	0.5
	F	10	2	2	0.3	0.1	0.2	-	-	-	-	-	1.0	-
Myeloma and non-Hodgkin lymphomas	M	208	2	78	9.7	0.2	10.8	-	-	-	0.7	-	-	0.5
	F	172	-	53	6.4	-	7.0	-	-	-	-	-	-	-
Leukaemia	M	128	9	44	5.9	0.8	5.9	-	0.6	1.4	0.7	1.9	0.5	0.5
	F	88	4	27	3.2	0.4	3.6	1.1	0.7	-	0.7	-	-	-
Diabetes	M	269	4	48	12.5	0.3	5.9	-	-	-	0.7	-	1.1	0.5
	F	218	-	21	6.8	-	3.0	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	4636	33	1234	216.6	2.5	161.9	1.6	-	0.7	1.4	1.2	6.3	6.5
	F	4553	17	459	140.8	1.4	60.6	0.6	1.3	-	2.2	1.2	1.5	3.0
Rheumatic heart disease and fever	M	14	-	6	0.7	-	0.8	-	-	-	-	-	-	-
	F	39	1	4	1.2	0.1	0.5	-	-	-	-	-	-	0.5
Hypertensive disease	M	121	-	29	5.7	-	3.5	-	-	-	-	-	-	-
	F	197	1	14	5.8	0.1	1.8	-	-	-	-	-	-	0.5
Ischaemic heart disease	M	2659	6	785	124.4	0.4	103.6	-	-	-	-	-	1.6	1.5
	F	1966	1	199	61.0	0.1	27.3	-	-	-	-	-	-	0.5
Pulmonary embolism and other venous	M	99	5	49	4.6	0.4	6.3	0.5	-	-	0.7	-	-	1.5
	F	116	4	24	4.0	0.3	3.0	-	-	-	0.7	1.2	-	0.5
Cerebrovascular disease	M	777	5	141	36.3	0.4	18.4	1.1	-	-	0.7	-	-	1.0
	F	1238	5	128	38.3	0.4	16.5	0.6	0.7	-	-	-	0.5	1.0
Other vascular disease	M	966	17	224	45.0	1.3	29.3	-	-	0.7	-	1.2	4.7	2.5
	F	997	5	90	30.4	0.5	11.5	-	0.7	-	1.5	-	1.0	-
Chronic obstructive pulmonary disease	M	647	2	119	30.3	0.1	17.7	-	-	-	-	-	0.5	0.5
	F	653	2	77	21.3	0.1	11.1	-	-	-	-	-	1.0	-
Other respiratory disease	M	825	12	117	38.5	1.0	15.9	1.6	-	1.4	0.7	0.6	1.1	1.5
	F	1055	9	72	31.2	0.8	9.4	2.3	-	0.7	0.7	-	0.5	1.0
Peptic ulcer	M	41	1	17	1.9	0.1	2.0	-	-	-	-	-	-	0.5
	F	34	-	4	1.1	-	0.5	-	-	-	-	-	-	-
Liver cirrhosis	M	190	4	149	8.8	0.3	17.4	-	-	-	-	0.6	-	1.5
	F	100	1	78	4.5	0.1	8.8	-	-	-	-	-	-	0.5
Renal disease	M	216	3	31	10.1	0.2	4.4	0.5	-	-	-	-	-	1.0
	F	192	1	9	5.7	0.1	1.1	0.6	-	-	-	-	-	-
Pregnancy, birth	F	3	3	-	0.1	0.2	-	-	-	-	-	-	-	1.5
Congenital and perinatal causes	M	174	147	23	7.5	11.3	2.5	73.9	1.9	0.7	0.7	0.6	0.5	1.0
	F	123	101	17	5.6	8.2	1.8	56.6	-	-	-	-	0.5	0.5
Ill-defined causes	M	41	22	12	1.8	1.8	1.4	6.4	-	0.7	0.7	1.9	0.5	2.0
	F	38	13	7	1.4	1.1	0.9	5.2	-	-	1.5	-	-	1.0
Other medical causes	M	1365	61	256	63.5	5.0	32.0	8.6	1.2	4.2	4.3	3.7	5.8	7.0
	F	1919	48	248	61.3	4.0	31.6	9.7	5.2	1.5	3.0	2.5	2.0	4.5
ALL NON-MEDICAL CAUSES	M	1114	375	580	48.4	30.8	59.4	2.7	0.6	4.2	38.4	64.7	55.6	49.6
	F	487	100	230	19.4	8.3	25.6	3.4	0.7	3.7	12.6	9.9	13.7	13.9
Road traffic accidents	M	126	75	39	5.4	6.4	4.2	-	0.6	0.7	12.1	16.2	8.9	6.5
	F	45	26	14	2.0	2.3	1.5	1.7	-	0.7	5.2	5.0	2.0	1.5
Fire	M	27	2	14	1.2	0.2	1.8	-	-	-	-	0.6	-	0.5
	F	16	-	8	0.6	-	0.9	-	-	-	-	-	-	-
Suicide	M	386	145	226	16.6	12.1	22.1	-	-	2.1	17.8	26.1	23.1	15.5
	F	100	33	61	4.3	2.7	6.3	-	-	2.2	3.7	3.7	5.6	4.0
<b>POPULATION:</b>			<b>M=male</b>		2301.0	1183.6	967.5	186.7	162.3	142.8	140.7	160.7	190.8	199.5
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		2316.4	1158.1	962.6	174.9	153.7	136.2	134.8	161.3	196.5	200.8



## 2010: IRELAND

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			
106.6	154.0	232.3	352.6	561.8	874.4	1485.0	2508.4	4574.8	12426.2	M	ALL CAUSES	001-999/A00-Y89
46.9	96.6	148.4	250.2	347.3	556.5	968.1	1553.9	3067.6	9993.6	F		
-	-	-	1.5	1.6	2.7	1.2	4.7	4.5	11.8	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.5	4.3	6.4	3.7	5.5	10.6	6.0	17.4	31.7	73.2	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
2.6	3.2	2.6	1.5	-	4.4	5.9	17.5	27.6	71.0	F		
18.2	29.8	61.9	109.8	223.9	387.5	648.0	992.3	1524.2	2917.0	M	ALL CANCER	140-208/C00-C97
22.1	38.5	76.1	134.1	188.2	316.7	535.6	701.3	1056.7	1652.2	F		
-	2.5	2.5	0.8	7.1	9.8	13.2	12.6	29.4	40.1	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	1.3	2.2	1.6	4.4	8.2	8.7	9.8	21.0	F		
0.5	2.5	5.1	9.0	17.3	23.1	37.1	58.4	54.4	106.3	M	Oesophagus cancer	150/C15
-	-	1.9	1.5	5.5	8.8	10.6	14.6	27.6	76.2	F		
1.6	1.2	3.2	6.7	11.0	17.7	22.7	55.2	77.0	96.8	M	Stomach cancer	151/C16
1.6	1.3	4.5	3.7	7.9	12.4	9.4	17.5	45.3	73.6	F		
1.0	3.7	5.1	13.4	32.2	49.7	70.5	124.6	203.8	363.7	M	Colorectal cancer	153, 154/C18-C21
1.1	5.0	4.5	14.2	18.1	24.8	48.0	69.8	127.9	206.4	F		
-	0.6	0.6	3.7	6.3	10.6	19.1	25.2	36.2	35.4	M	Liver cancer	155.0/C22 excl C221
-	-	-	2.2	-	2.6	3.5	4.4	9.8	14.5	F		
1.0	1.9	2.5	11.9	14.1	18.6	53.8	60.0	86.1	137.0	M	Pancreas cancer	157/C25
0.5	0.6	1.9	4.5	5.5	17.7	39.9	50.9	80.7	111.7	F		
-	-	2.5	1.5	2.4	10.6	9.6	4.7	11.3	18.9	M	Larynx cancer	161/C32
-	-	-	-	-	1.8	1.2	1.4	-	5.3	F		
2.6	1.2	15.3	29.9	60.5	100.2	169.8	274.5	371.4	519.6	M	Lung cancer	162/C33, C34
0.5	3.8	10.3	23.1	37.0	61.9	120.7	144.0	226.3	265.5	F		
1.6	0.6	1.9	3.7	3.1	10.6	13.2	9.5	20.4	44.9	M	Malignant melanoma	172/C43
1.1	-	1.3	1.5	3.1	3.5	3.5	10.2	19.7	23.7	F		
6.3	13.2	20.0	34.3	43.3	69.0	99.6	112.0	125.9	211.6	F	Female breast cancer	174/C50
3.2	4.4	5.8	6.0	4.7	8.8	11.7	13.1	15.7	7.9	F	Cervix cancer	180/C53
-	-	-	3.7	5.5	3.5	12.9	27.6	19.7	38.1	F	Other uterine cancer	179, 182/C54, C55
0.5	1.3	11.0	11.2	18.9	27.4	56.3	58.2	74.8	88.1	F	Ovarian cancer	183/C56, C570-C574
-	0.6	0.6	0.8	7.1	25.7	45.4	99.4	165.3	722.8	M	Prostate cancer	185/C61
-	-	0.6	0.8	1.6	5.3	20.3	15.8	58.9	132.3	M	Bladder cancer	188/C67
0.5	-	1.3	1.5	-	0.9	8.2	14.6	19.7	42.1	F		
7.3	13.7	16.6	23.2	47.1	73.6	111.2	162.5	271.8	488.9	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
5.3	5.7	8.4	21.6	26.0	51.3	66.8	110.6	171.2	322.0	F		
-	-	0.6	-	0.8	0.9	2.4	3.2	2.3	2.4	M	Hodgkin's disease	201/C81
-	-	-	-	0.8	0.9	-	-	2.0	6.6	F		
0.5	-	1.9	4.5	8.6	23.1	37.1	52.1	83.8	137.0	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	1.9	3.9	3.0	6.3	11.5	22.3	37.8	49.2	89.4	F		
2.1	1.2	2.5	-	4.7	8.0	22.7	34.7	52.1	70.9	M	Leukaemia	204-208/C91-C95
1.6	1.3	-	-	3.9	5.3	12.9	5.8	31.5	48.6	F		
0.5	0.6	2.5	6.7	4.7	17.7	8.4	47.3	117.8	318.9	M	Diabetes	250/E10-E14
-	-	0.7	1.5	3.1	1.8	14.1	30.6	39.4	205.1	F		
18.2	32.9	52.3	109.8	162.6	263.4	493.8	829.8	1687.2	4955.4	M	ALL VASCULAR DISEASE	390-459/I00-I99
4.8	14.5	16.8	37.2	57.5	100.0	193.4	394.3	1033.0	4312.6	F		
-	-	-	0.8	-	3.5	1.2	1.6	4.5	11.8	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	0.8	1.8	1.2	5.8	9.8	32.9	F		
0.5	-	1.3	3.7	5.5	8.9	4.8	14.2	38.5	155.9	M	Hypertensive disease	401-405/I10-I15
-	-	-	0.7	3.9	3.5	4.7	11.6	31.5	207.7	F		
9.4	16.8	31.3	73.2	108.4	165.8	320.4	528.5	971.6	2607.6	M	Ischaemic heart disease	410-414/I20-I25
1.1	4.4	5.2	11.9	22.8	46.0	99.6	200.8	434.9	1849.4	F		
1.0	2.5	1.9	3.0	7.9	8.9	19.1	26.8	31.7	33.1	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
1.1	1.3	1.3	0.7	3.9	5.3	7.0	13.1	43.3	74.9	F		
3.1	6.2	8.3	7.5	17.3	27.5	58.6	123.0	296.7	996.7	M	Cerebrovascular disease	430-438/I60-I69
2.1	5.0	7.1	14.2	13.4	22.1	51.6	96.0	299.1	1165.9	F		
4.2	7.5	9.6	21.7	23.6	48.8	89.7	135.7	344.2	1150.3	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
0.5	3.8	3.2	9.7	12.6	21.2	29.3	66.9	214.5	981.9	F		
-	0.6	2.5	5.2	7.1	25.7	82.5	134.1	260.4	770.0	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	0.6	0.7	3.0	10.2	14.2	49.2	106.2	186.9	533.7	F		
1.6	3.1	3.8	5.2	8.6	36.4	52.6	130.9	298.9	1136.1	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.1	1.3	2.6	6.7	9.4	16.8	28.1	52.4	179.1	1113.3	F		
-	0.6	1.3	3.7	3.9	0.9	3.6	4.7	6.8	40.1	M	Peptic ulcer	531-533/K25-K27
-	-	0.7	0.7	-	-	2.3	7.3	11.8	25.0	F		
1.6	8.7	17.2	19.4	23.6	20.4	31.1	18.9	36.2	21.3	M	Liver cirrhosis	571/K70, K74
1.1	3.8	9.7	14.2	14.2	7.1	11.7	11.6	15.7	6.6	F		
0.5	-	0.6	-	3.9	8.9	16.7	26.8	58.9	328.3	M	Renal disease	580-590/N00-N19
0.5	0.6	0.7	0.7	1.6	-	3.5	11.6	41.3	201.1	F		
-	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099 740-779/A33, P00-P96, Q00-Q99
1.0	1.2	1.3	3.7	5.5	2.7	2.4	1.6	2.3	4.7	F		
0.5	1.3	1.9	3.7	2.4	1.8	1.2	2.9	2.0	2.6	F		
1.0	1.9	0.6	0.8	1.6	-	3.6	3.2	-	11.8	M	Ill-defined causes	780-799/R00-R99
0.5	-	-	0.7	-	2.6	2.3	1.4	-	22.4	F		
7.8	9.9	16.0	26.1	28.3	52.3	83.7	228.8	468.8	1643.9	M	Other medical causes	Rest of 001-799/ rest of A00-R99
4.8	11.4	9.7	24.6	29.9	53.1	87.9	186.2	429.0	1678.5	F		
55.7	60.2	65.7	56.8	80.9	45.2	51.4	67.8	77.0	193.7	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
9.0	21.5	26.5	21.6	30.7	38.0	31.6	29.1	41.3	152.5	F		
4.7	1.9	3.2	3.7	3.9	7.1	4.8	6.3	4.5	14.2	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
1.1	1.3	2.6	1.5	1.6	-	2.3	1.4	3.9	2.6	F		
0.5	1.2	0.6	0.8	0.8	3.5	4.8	1.6	4.5	18.9	M	Fire	E890-E899/X00-X09
-	-	1.3	0.7	0.8	2.6	1.2	1.4	2.0	7.9	F		
23.9	26.7	28.7	23.9	28.3	15.1	8.4	9.5	15.8	4.7	M	Suicide	E950-E959/X60-X84
4.2	7.6	7.1	5.2	7.9	8.8	3.5	2.9	3.9	2.6	F		
192.3	161.0	156.7	133.8	127.3	112.8	83.6	63.4	44.2	42.3	M	POPULATION	
189.6	158.5	155.0	134.3	127.0	113.0	85.3	68.7	50.8	76.1	F	(1000s; UN, 2015 revision)	

## IRELAND: 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	– / 0.8	– / 0.4	–
35–69	1.1 / 4.5	0.5 / 2.8	23 years
70+	2.0 / 9.1	2.3 / 11	7 years
All ages	3.1 / 14	2.8 / 14	11 years

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

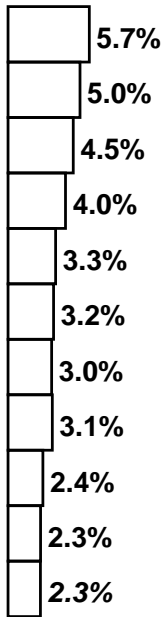
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/1	369/434	504/571	873/1006	–/2	202/271	355/416	557/689
All Cancer	–/60	544/1709 (32%)	784/2603 (30%)	1328/4372	–/48	249/1491 (17%)	510/2278 (22%)	759/3817
Vascular	–/31	343/1302	580/3483	923/4816	–/20	140/477	887/4299	1027/4796
Respiratory	–/12	108/245	540/1383	648/1640	–/4	77/160	684/1661	761/1825
All Other	–/711	76/1257	132/1653	208/3621	–/302	56/628	241/2280	297/3210
All Causes	–/813	1071/4512 (24%)	2036/9119 (22%)	3107/14444	–/377	522/2757 (19%)	2322/10521 (22%)	2844/13655

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

Cause	Male	Female	Male + Female
All Cancer	1.3 / 4.4 (30%)	0.8 / 3.8 (20%)	2.1 / 8.2 (25%)
All Causes	3.1 / 14 (22%)	2.8 / 14 (21%)	6.0 / 28 (21%)

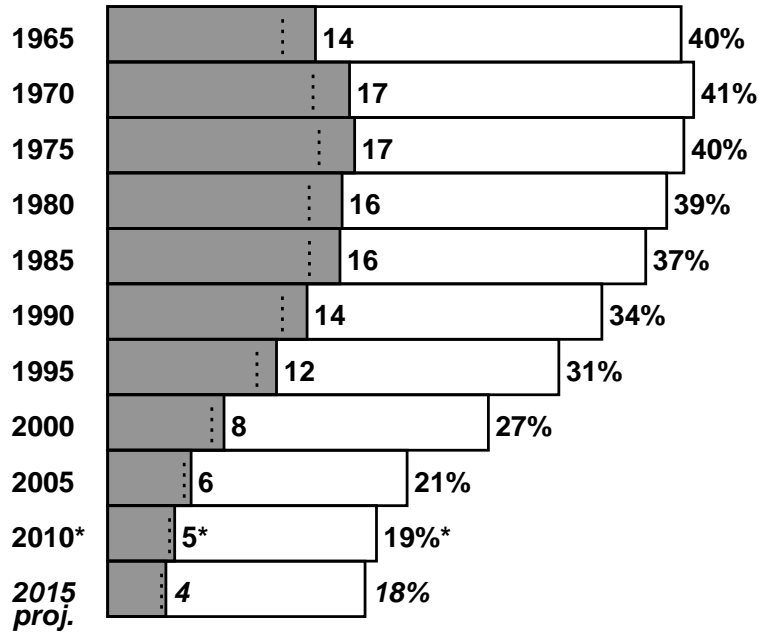
1965-2015: IRELAND

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)

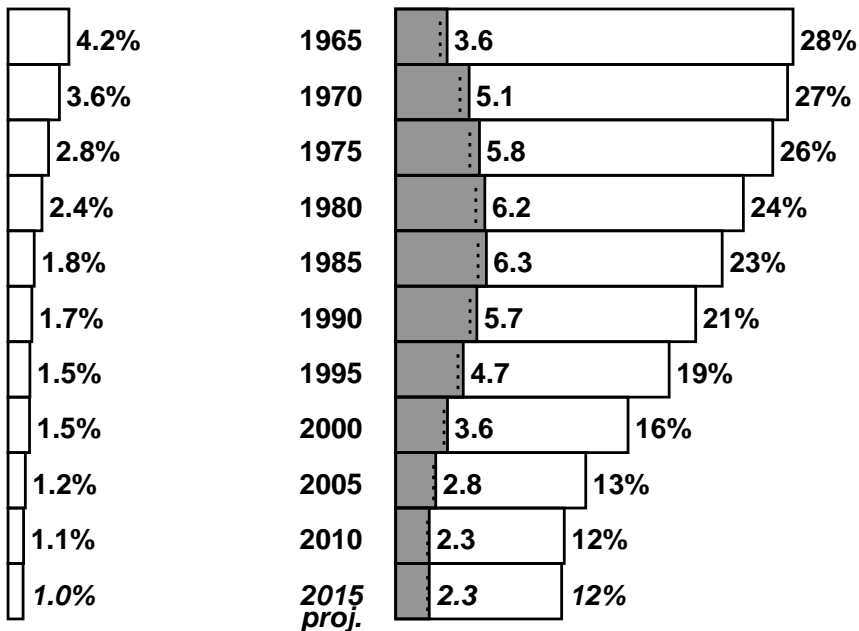
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 19 would die before age 70 (with 5 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



## IRELAND: 1960-2015

*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	– / 0.7	– / 0.3	–
35–69	1.1 / 5.0	0.6 / 3.2	<b>23 years</b>
70+	2.4 / 11	2.5 / 11	7 years
<b>All ages</b>	<b>3.5 / 16</b>	<b>3.1 / 15</b>	<b>11 years</b>

## Numbers of deaths attributed to smoking / total deaths

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	–/1544	2412/6510 (37%)	1136/9941 (11%)	3548/17995	–/1107	554/4238 (13%)	75/9853 (0.8%)	629/15198
1975	–/1422	2935/6829 (43%)	2395/10240 (23%)	5330/18491	–/867	920/4131 (22%)	1047/10504 (10%)	1967/15502
1985	–/1051	2633/6134 (43%)	3063/10618 (29%)	5696/17803	–/566	988/3597 (27%)	1714/10706 (16%)	2702/14869
1995	–/884	1847/5117 (36%)	2944/10723 (27%)	4791/16724	–/412	694/3008 (23%)	2347/11588 (20%)	3041/15008
2005	–/835	1188/4453 (27%)	2302/9330 (25%)	3490/14618	–/386	543/2736 (20%)	2416/10782 (22%)	2959/13904
2015 proj.	–/732	1077/4977 (22%)	2373/10564 (22%)	3450/16273	–/337	611/3155 (19%)	2508/11098 (23%)	3119/14590

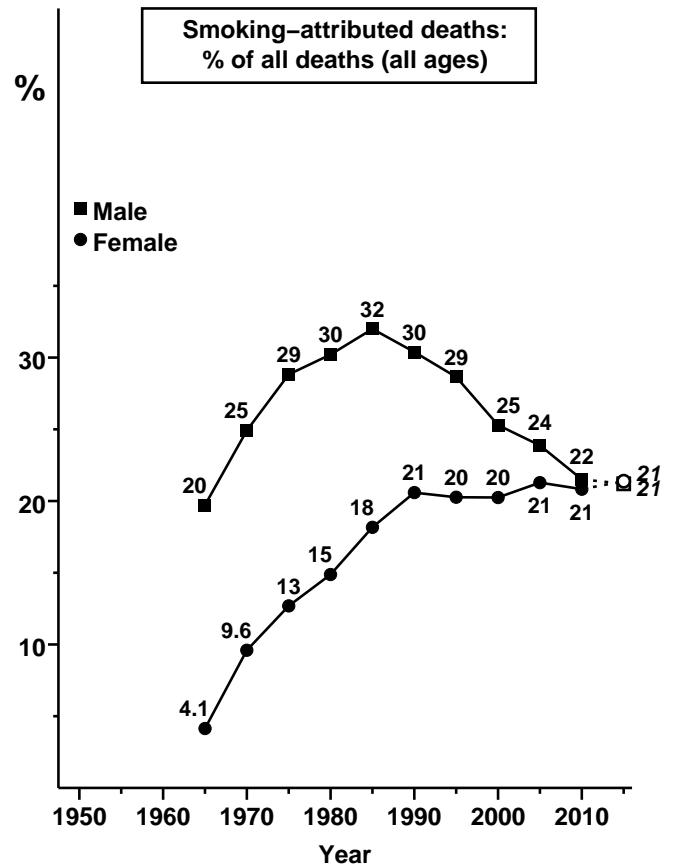
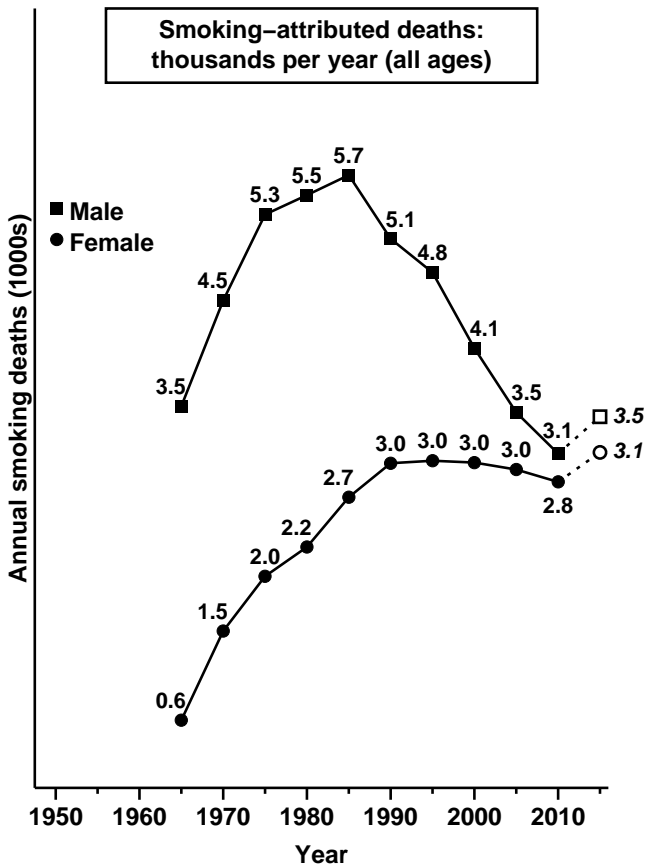
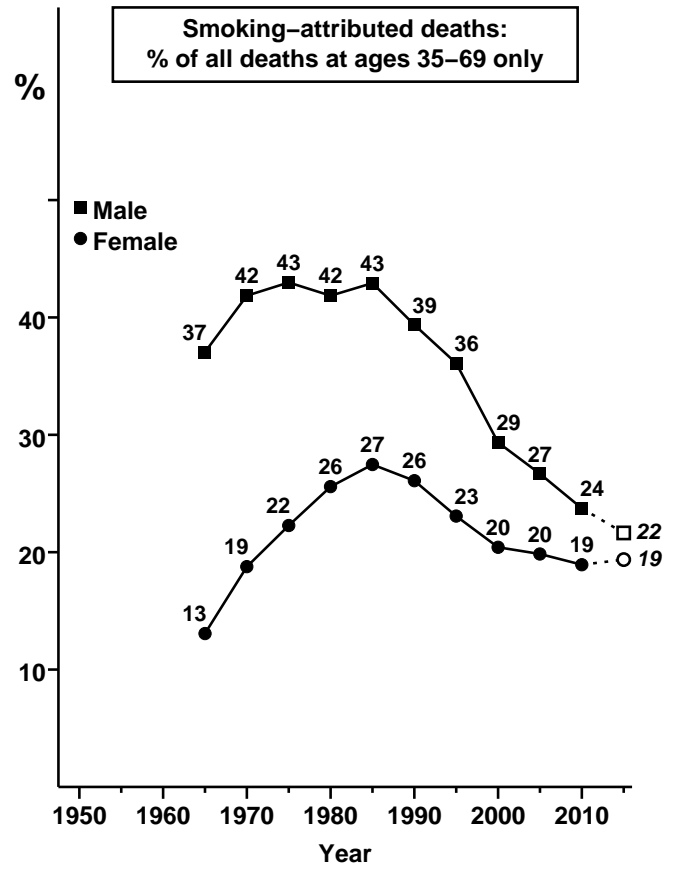
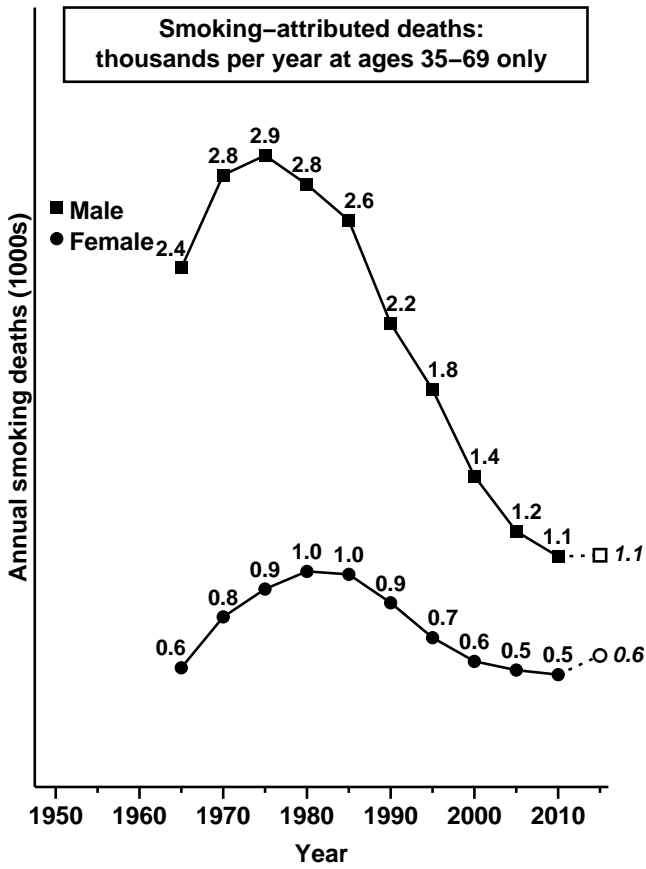
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 407 / 1910**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

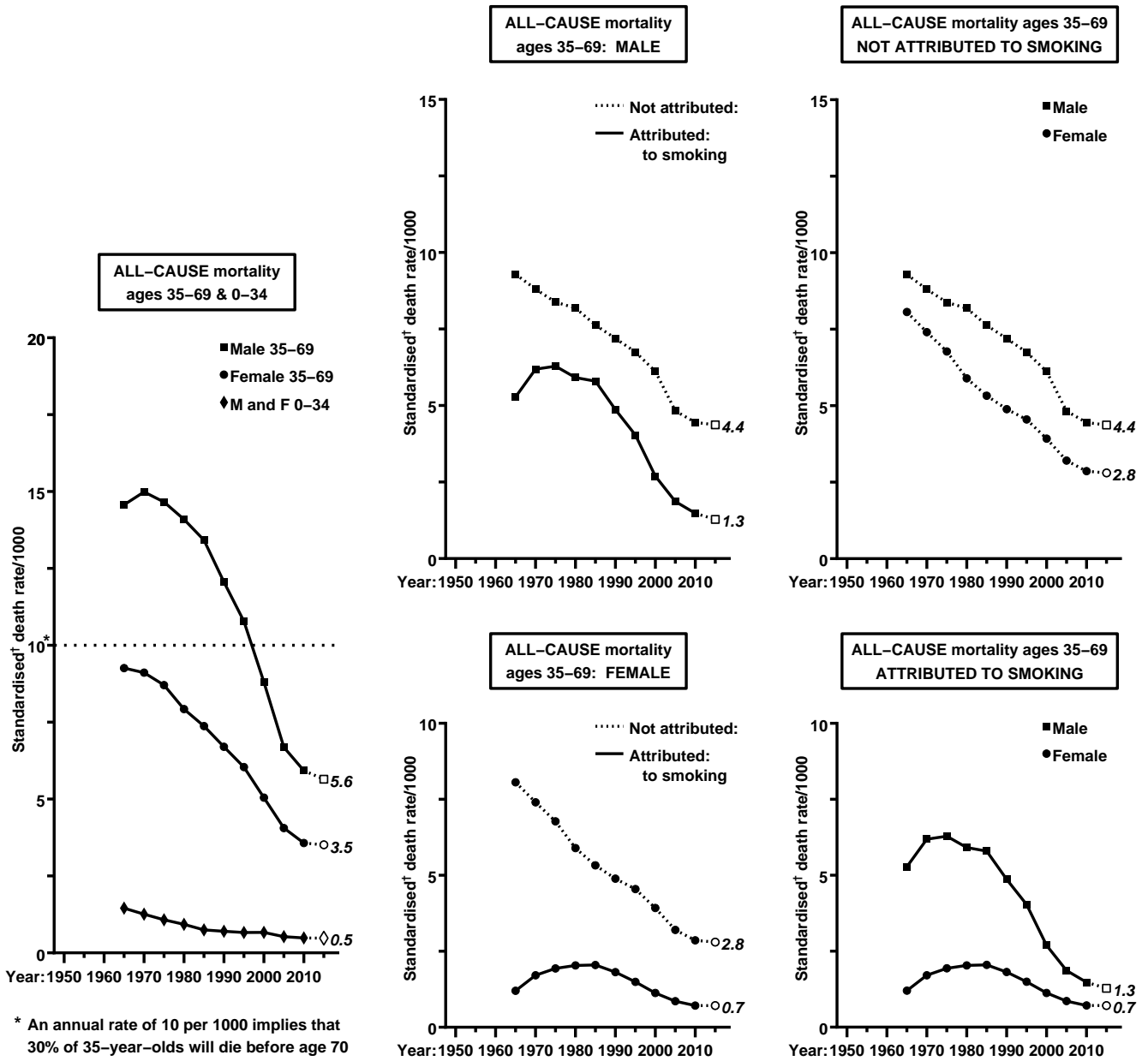
–/65	121/340 (36%)	142/614 (23%)	263/1019	–/37	43/209 (21%)	101/645 (16%)	144/891
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1965-2015: IRELAND



**IRELAND: 1965-2015**

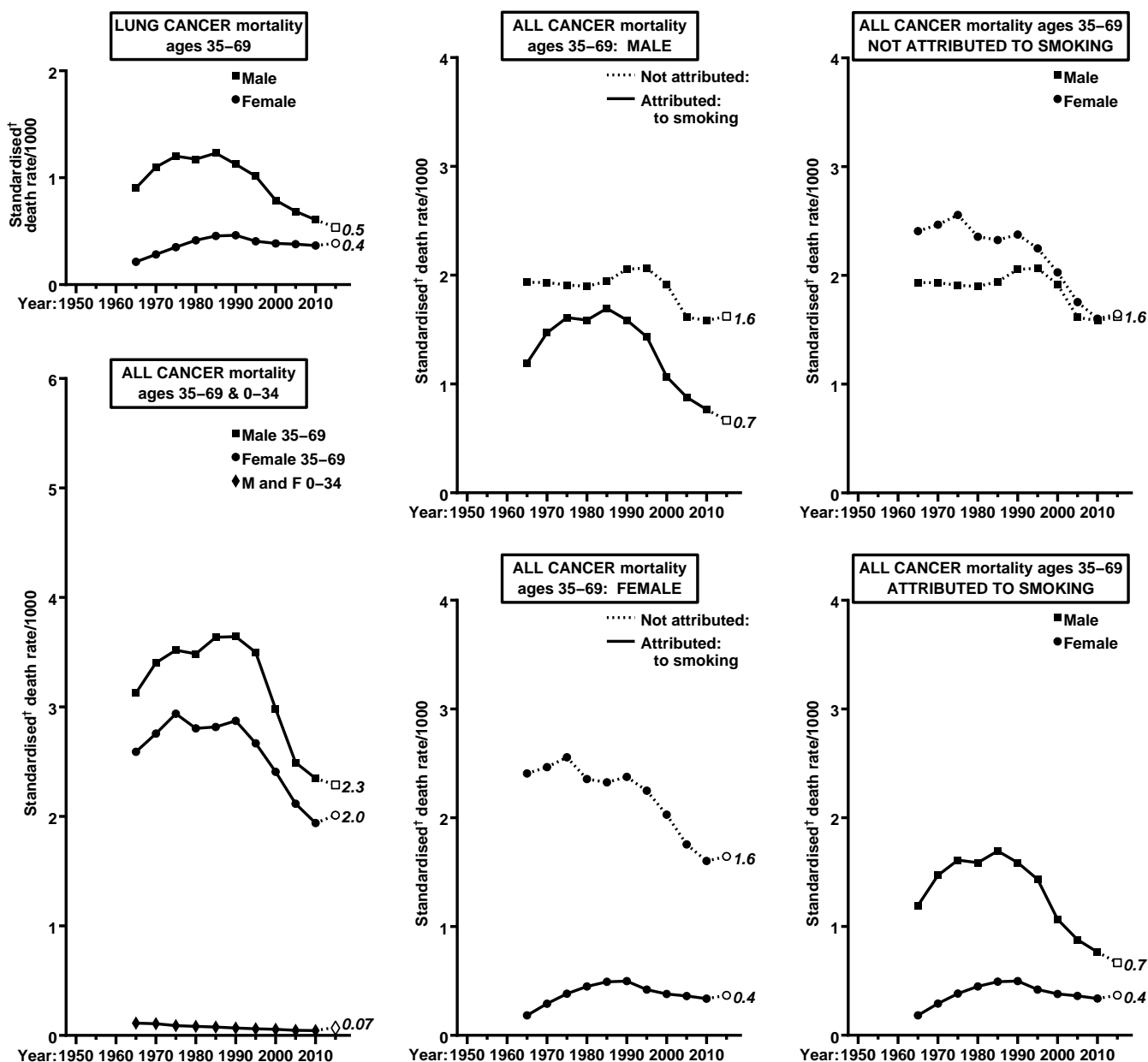
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



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	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.66	5.28	9.29	11.0	68.5	-	1.24	1.20	8.06	0.85	58.1
1970	-	1.47	6.19	8.80	16.1	66.7	-	1.04	1.71	7.40	4.72	52.9
1975	-	1.33	6.28	8.37	21.7	61.0	-	0.82	1.93	6.77	6.96	49.1
1980	-	1.17	5.91	8.18	23.5	57.3	-	0.68	2.03	5.89	7.42	43.1
1985	-	0.96	5.79	7.63	24.3	54.3	-	0.53	2.05	5.32	8.79	37.3
1990	-	0.92	4.86	7.19	22.0	49.9	-	0.48	1.81	4.89	9.83	32.5
1995	-	0.88	4.03	6.74	21.0	49.2	-	0.44	1.49	4.55	9.72	30.4
2000	-	0.90	2.69	6.11	18.1	45.9	-	0.43	1.12	3.92	9.47	27.9
2005	-	0.70	1.86	4.82	13.4	36.0	-	0.35	0.86	3.20	7.92	22.8
2010	-	0.65	1.48	4.45	9.43	29.3	-	0.31	0.71	2.86	6.23	18.8
2015	-	0.65	1.28	4.37	8.32	26.2	-	0.30	0.71	2.80	5.49	16.0

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

ALL CANCER mortality rates attributed and not attributed to smoking



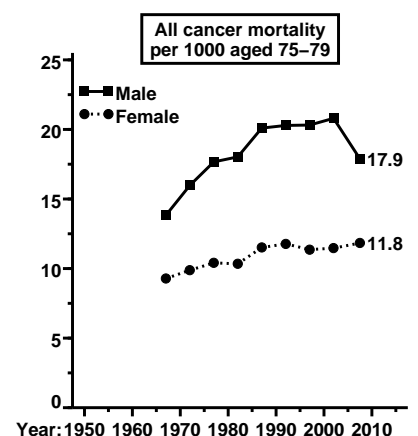
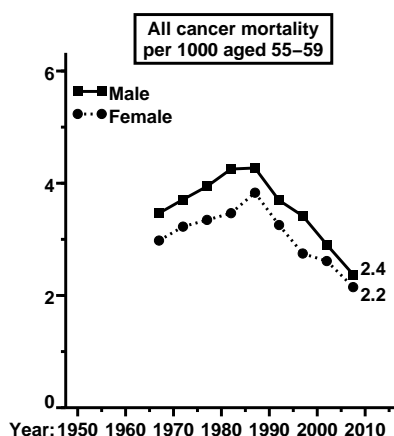
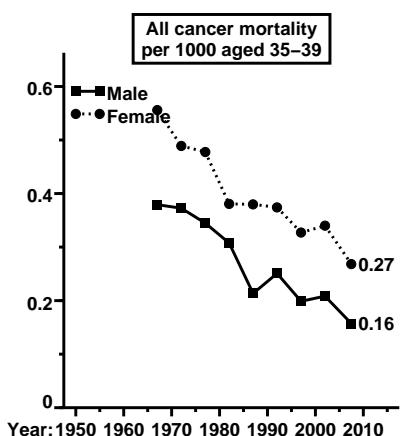
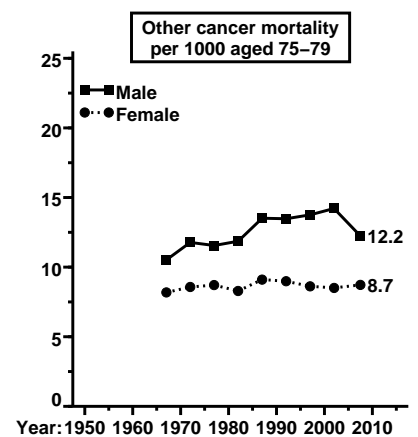
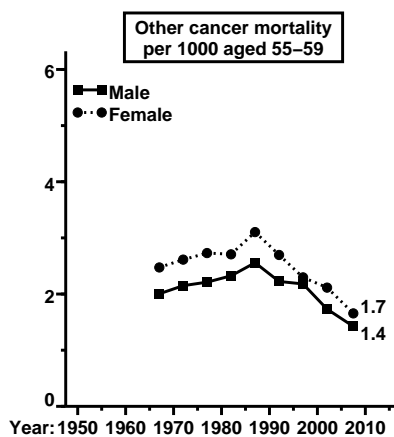
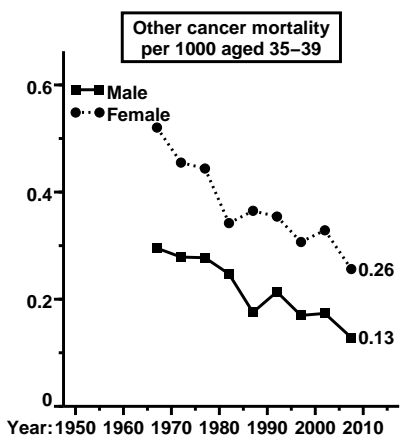
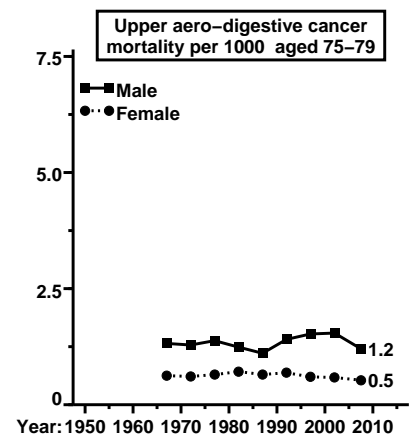
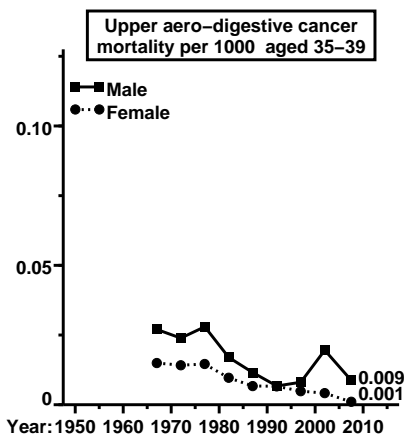
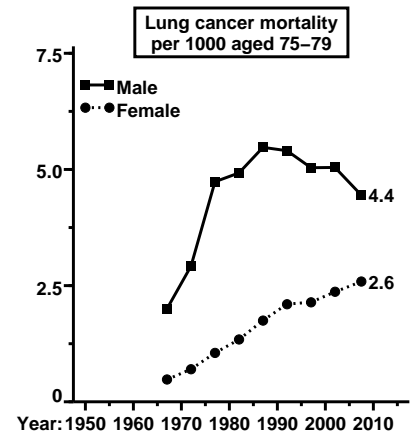
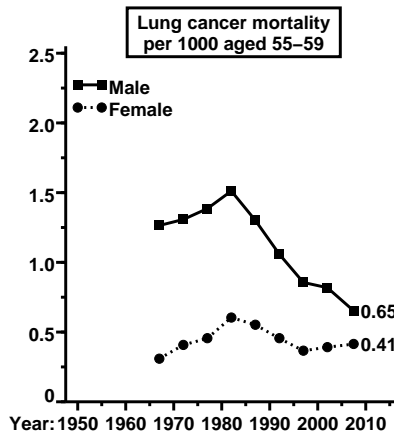
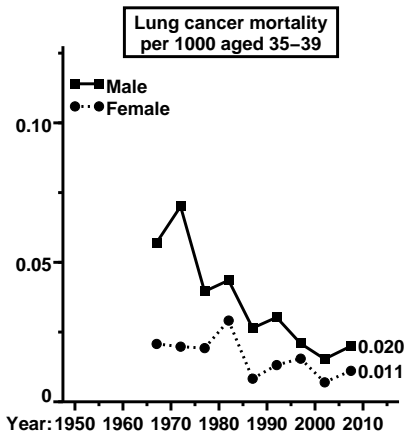
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79		
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11		1.19	1.93	2.45	10.1	-	0.11	0.18	2.41	0.09	8.31
1970	-	0.11		1.47	1.93	3.50	10.2	-	0.10	0.29	2.47	0.64	8.53
1975	-	0.10		1.61	1.91	5.35	9.98	-	0.08	0.38	2.56	1.04	8.42
1980	-	0.09		1.59	1.90	6.18	9.75	-	0.08	0.45	2.36	1.26	7.86
1985	-	0.08		1.69	1.94	6.67	10.2	-	0.07	0.49	2.33	1.71	7.86
1990	-	0.07		1.59	2.05	6.76	11.0	-	0.06	0.50	2.38	2.22	8.10
1995	-	0.07		1.43	2.06	6.66	11.3	-	0.05	0.42	2.25	2.28	7.97
2000	-	0.06		1.07	1.92	6.32	11.5	-	0.05	0.38	2.03	2.45	7.90
2005	-	0.05		0.88	1.61	5.72	10.5	-	0.05	0.36	1.75	2.62	7.77
2010	-	0.05		0.76	1.58	4.45	9.37	-	0.04	0.34	1.60	2.29	6.94
2015	-	0.10		0.67	1.62	4.21	9.05	-	0.03	0.37	1.64	2.14	5.73

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

**IRELAND: 1965-2010**

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

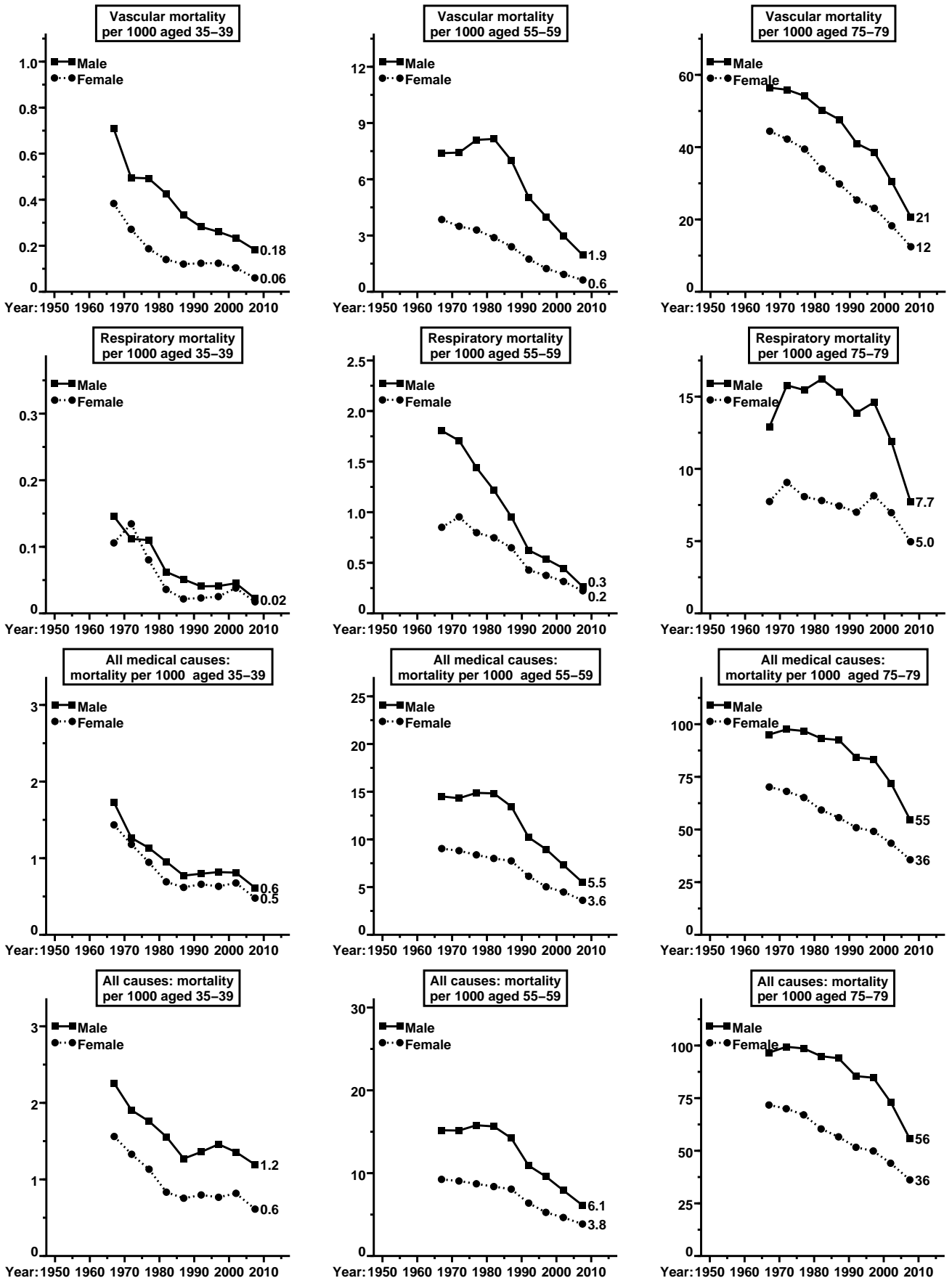


\* Annual mortality per 1000: averages of years available in 1965-69,.....,2000-04; then 6-year average 2005-10



1965-2010: IRELAND

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2000-04; then 6-year average 2005-10

## ITALY: 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	285068	5516	65592	595.5	48.6	528.6	84.8	9.0	11.5	39.3	57.7	63.5	74.3
	F	299547	2638	37030	380.7	25.1	276.5	72.7	7.3	9.6	17.2	18.9	20.7	29.5
Tuberculosis	M	218	10	50	0.5	0.1	0.4	-	-	-	-	0.1	0.1	0.3
	F	155	4	18	0.2	0.0	0.1	-	0.1	-	-	-	0.1	0.1
Other infective and parasitic	M	4548	105	1572	10.3	0.9	11.9	2.0	0.5	0.1	0.4	0.4	0.8	2.1
	F	4700	63	743	6.6	0.6	5.5	1.6	0.1	0.1	0.1	0.3	0.6	1.1
ALL CANCER	M	94617	625	29705	206.1	5.4	244.9	2.9	2.9	3.0	4.7	6.2	7.6	10.4
	F	72636	569	21416	120.4	5.1	159.2	3.5	3.2	3.5	4.2	4.2	6.0	11.1
Mouth and pharynx cancer	M	1933	7	1023	4.7	0.1	8.0	-	-	-	0.1	0.1	0.1	0.2
	F	812	7	297	1.4	0.1	2.2	0.1	0.1	-	-	0.1	-	0.1
Oesophagus cancer	M	1429	2	662	3.4	0.0	5.4	-	-	-	-	-	-	0.1
	F	442	1	119	0.7	0.0	0.9	-	-	-	-	-	-	0.1
Stomach cancer	M	5819	17	1772	12.6	0.1	14.5	0.1	-	-	-	-	0.2	0.6
	F	4256	22	993	6.4	0.2	7.4	-	-	-	0.1	0.2	0.2	0.7
Colorectal cancer	M	10179	28	2981	21.8	0.2	24.6	-	-	-	-	0.3	0.5	0.8
	F	8684	17	2070	13.2	0.1	15.6	-	-	-	0.1	-	0.2	0.6
Liver cancer	M	5449	11	1925	12.1	0.1	16.0	0.1	0.1	0.1	-	-	0.2	0.2
	F	2831	4	475	4.0	0.0	3.7	-	-	-	-	0.1	-	0.1
Pancreas cancer	M	5083	6	1882	11.4	0.0	15.5	-	-	-	-	-	-	0.3
	F	5429	7	1307	8.4	0.1	10.0	-	-	-	0.1	-	0.1	0.3
Larynx cancer	M	1533	-	619	3.5	-	5.0	-	-	-	-	-	-	-
	F	177	1	61	0.3	0.0	0.5	-	-	-	-	-	0.1	-
Lung cancer	M	25457	16	8730	56.1	0.1	73.1	-	-	-	0.1	0.1	0.3	0.5
	F	8277	16	2928	14.7	0.1	21.9	-	-	0.1	0.1	-	0.2	0.5
Malignant melanoma	M	1012	27	496	2.5	0.2	3.8	-	-	-	0.1	0.1	0.4	0.9
	F	761	32	345	1.6	0.3	2.4	-	-	0.1	0.1	0.1	0.6	1.0
Female breast cancer	F	12115	78	4938	22.5	0.6	35.8	-	-	-	-	0.1	0.7	3.4
Cervix cancer	F	399	7	222	0.9	0.1	1.5	-	-	-	-	-	0.2	0.2
Other uterine cancer	F	2425	4	870	4.3	0.0	6.5	-	-	-	-	-	0.1	0.1
Ovarian cancer	F	3255	18	1384	6.2	0.1	10.2	0.1	-	-	-	0.3	0.2	0.4
Prostate cancer	M	7509	2	879	14.2	0.0	7.7	0.1	-	-	-	0.1	-	-
Bladder cancer	M	4484	-	874	8.9	-	7.4	-	-	-	-	-	-	-
	F	1217	-	179	1.6	-	1.4	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	17248	314	5692	38.4	2.8	46.2	2.1	1.9	2.1	2.6	2.8	3.5	4.3
	F	14983	190	3779	23.8	1.8	28.4	1.6	2.2	1.9	2.1	1.5	1.5	1.9
Hodgkin's disease	M	231	29	90	0.6	0.2	0.7	-	-	-	0.3	0.5	0.4	0.6
	F	181	23	50	0.4	0.2	0.3	-	-	-	0.4	0.4	0.4	0.3
Myeloma and non-Hodgkin lymphomas	M	4065	57	1209	8.9	0.5	9.8	0.1	0.1	0.3	0.3	0.8	0.8	1.0
	F	3730	32	814	5.7	0.3	6.2	0.1	-	0.1	0.4	0.6	0.5	0.4
Leukaemia	M	3186	109	871	7.0	1.0	7.0	0.5	0.7	0.6	1.4	1.5	1.3	1.0
	F	2662	110	585	4.4	1.1	4.4	1.7	0.9	1.3	0.9	0.7	0.9	1.1
Diabetes	M	8831	15	1792	17.8	0.1	14.9	-	-	0.2	0.1	0.3	0.1	0.2
	F	11789	7	977	13.9	0.1	7.6	-	-	-	0.1	0.1	0.1	0.2
ALL VASCULAR DISEASE	M	96647	384	15649	188.1	3.2	127.2	2.4	0.4	0.8	1.7	3.1	5.0	8.8
	F	124970	189	5991	132.9	1.7	45.8	3.2	0.4	1.0	1.6	1.4	1.3	3.2
Rheumatic heart disease and fever	M	643	4	145	1.3	0.0	1.2	-	0.1	0.1	-	-	0.1	0.1
	F	1462	6	163	1.9	0.1	1.3	-	-	0.1	0.1	-	-	0.2
Hypertensive disease	M	9797	9	1205	18.3	0.1	10.0	-	-	0.1	-	-	0.1	0.3
	F	18868	4	633	19.1	0.0	4.9	0.1	-	-	-	-	0.1	0.1
Ischaemic heart disease	M	37086	79	7547	74.2	0.6	61.2	0.1	-	-	0.1	0.7	0.9	2.6
	F	35412	16	1907	38.1	0.1	14.7	0.1	-	-	-	-	0.2	0.6
Pulmonary embolism and other venous	M	719	5	145	1.4	0.0	1.1	-	-	-	-	0.1	0.1	0.1
	F	1204	10	116	1.5	0.1	0.9	0.1	-	-	0.1	0.1	0.1	0.1
Cerebrovascular disease	M	24086	55	2714	45.2	0.5	22.4	0.5	0.1	0.1	0.1	0.5	0.4	1.5
	F	36687	50	1593	38.8	0.5	12.1	0.4	0.1	0.5	0.4	0.5	0.4	0.9
Other vascular disease	M	24316	232	3893	47.5	2.0	31.2	1.9	0.3	0.6	1.5	1.9	3.5	4.2
	F	31337	103	1579	33.6	1.0	12.0	2.5	0.3	0.5	1.1	0.8	0.5	1.2
Chronic obstructive pulmonary disease	M	13152	22	1001	24.0	0.2	8.6	-	0.1	0.2	0.1	0.3	0.5	0.2
	F	8398	10	447	9.1	0.1	3.5	0.1	-	0.1	0.1	0.2	-	0.1
Other respiratory disease	M	8569	104	1053	16.4	0.9	8.6	1.8	0.3	0.2	0.8	1.0	1.2	1.2
	F	8679	56	574	9.8	0.5	4.3	1.3	0.1	0.1	0.6	0.2	0.4	0.8
Peptic ulcer	M	379	1	81	0.8	0.0	0.7	-	-	-	-	-	-	0.1
	F	371	1	35	0.4	0.0	0.3	-	-	-	-	0.1	-	-
Liver cirrhosis	M	4566	25	2376	11.2	0.2	18.4	-	-	-	-	-	0.1	1.2
	F	3112	2	791	5.0	0.0	5.9	-	-	-	-	-	-	0.1
Renal disease	M	4252	6	519	8.0	0.1	4.3	0.3	-	-	0.1	-	-	0.1
	F	4497	8	337	5.1	0.1	2.6	0.1	0.1	0.1	-	0.1	-	0.1
Pregnancy, birth	F	16	6	10	0.1	0.0	0.1	-	-	-	-	-	-	0.3
Congenital and perinatal causes	M	1356	960	278	6.3	9.5	2.0	61.0	0.8	0.7	1.0	1.2	1.1	0.5
	F	1096	783	173	5.2	8.1	1.2	51.7	0.6	0.9	0.9	1.1	0.9	1.0
Ill-defined causes	M	3632	311	1049	8.4	2.7	7.6	3.3	0.2	0.6	2.0	3.2	4.8	4.8
	F	5588	85	348	6.2	0.8	2.4	2.4	0.1	0.1	0.5	0.7	1.1	0.7
Other medical causes	M	30378	505	5273	60.8	4.4	42.0	7.7	1.8	1.7	3.2	3.6	5.5	7.6
	F	43432	322	3746	51.4	3.0	28.1	6.2	1.3	2.4	2.3	2.6	3.0	3.6
ALL NON-MEDICAL CAUSES	M	13923	2443	5194	37.0	20.9	37.1	3.4	2.2	3.9	25.4	38.4	36.5	36.9
	F	10108	533	1424	14.5	4.8	9.9	2.4	1.1	1.3	6.8	8.0	7.3	7.0
Road traffic accidents	M	3266	1221	1376	10.6	10.7	9.5	0.8	0.9	1.7	17.4	21.6	17.5	14.6
	F	900	256	336	2.5	2.4	2.3	0.7	0.5	0.7	4.4	4.8	3.3	2.3
Fire	M	102	13	38	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.1	-	0.2
	F	89	8	20	0.2	0.1	0.1	0.1	-	0.1	-	0.1	0.1	0.1
Suicide	M	3126	495	1807	9.0	4.1	12.8	-	-	0.7	2.9	6.6	7.8	10.6
	F	861	114	503	2.2	1.0	3.4	-	0.1	-	0.9	1.3	1.9	2.7
POPULATION:			M=male		28937	10966	14279	1439	1432	1423	1478	1538	1677	1978
(1000s; UN, 2015 revision)			F=female		30651	10492	14800	1357	1356	1348	1398	1469	1625	1938

2010: ITALY

**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		
88.5	132.0	212.1	338.9	550.6	909.1	1469.3	2373.4	4158.9	11259.4	M	ALL CAUSES 001-999/A00-Y89
46.1	78.1	125.2	201.8	294.3	457.6	732.2	1215.4	2412.6	9077.6	F	
0.1	0.2	0.1	0.3	0.5	0.4	1.1	2.0	2.7	8.4	M	Tuberculosis 010-018, 137/
0.1	0.0	0.0	-	0.3	0.1	0.3	0.7	1.4	4.5	F	A15-A19, B90
2.9	6.6	12.3	10.7	10.7	15.4	24.4	37.9	62.3	138.3	M	Other infective Rest of 001-139,279.5&.6/
1.6	2.9	2.7	3.8	4.7	8.0	14.8	25.6	55.3	118.5	F	and parasitic rest of A00-B99 excl A33,A34
17.0	33.2	66.3	139.5	258.9	462.8	736.5	1095.7	1609.3	2614.3	M	ALL CANCER 140-208/C00-C97
21.5	44.0	75.0	129.3	182.8	268.0	394.0	539.5	795.0	1340.1	F	
0.4	1.7	4.1	7.9	10.9	14.9	16.3	19.1	22.4	32.6	M	Mouth and 140-149/C00-C14
0.1	0.3	1.5	2.1	2.8	3.5	5.0	4.7	7.2	14.5	F	pharynx cancer
0.1	0.6	1.4	4.2	6.8	11.7	12.7	15.9	20.8	26.3	M	Oesophagus cancer 150/C15
0.1	0.0	0.2	0.7	0.8	2.0	2.4	2.8	5.1	9.0	F	
1.4	2.1	4.3	9.3	16.0	26.7	41.6	68.6	100.1	164.7	M	Stomach cancer 151/C16
0.7	2.6	3.6	5.3	8.2	11.8	19.7	26.4	46.0	94.8	F	
1.4	3.2	6.1	13.9	27.1	45.8	75.0	113.3	172.6	308.2	M	Colorectal cancer 153, 154/C18-C21
1.3	3.0	6.1	11.1	18.5	28.1	40.7	59.0	96.8	187.1	F	
0.5	1.4	4.5	10.2	14.8	28.8	51.8	72.2	98.6	118.9	M	Liver cancer 155.0/C22 excl C221
0.2	0.3	1.1	1.7	2.9	7.2	12.3	25.7	39.8	59.9	F	
0.8	2.2	4.5	9.2	16.9	29.3	45.4	69.7	84.9	107.7	M	Pancreas cancer 157/C25
0.5	1.3	2.9	5.8	10.5	18.0	31.0	45.9	69.0	104.5	F	
0.0	0.7	1.8	3.5	7.1	9.2	12.7	15.1	21.8	38.7	M	Larynx cancer 161/C32
0.1	-	0.1	0.4	0.6	1.1	0.9	1.6	1.8	2.8	F	
1.7	4.8	13.5	36.1	75.0	146.8	234.1	333.0	463.2	583.2	M	Lung cancer 162/C33, C34
1.5	3.8	9.0	20.3	28.1	37.7	52.6	72.1	96.4	121.8	F	
0.9	2.0	2.4	3.2	4.3	6.1	7.9	10.2	12.7	17.2	M	Malignant melanoma 172/C43
1.3	1.8	2.3	2.5	2.4	2.9	3.8	4.4	6.3	9.7	F	
6.9	15.1	22.6	35.2	44.0	55.7	71.4	80.3	109.2	185.7	F	Female breast cancer 174/C50
1.0	1.1	1.5	2.1	1.5	1.8	1.6	2.1	2.9	4.1	F	Cervix cancer 180/C53
0.7	1.9	3.1	4.7	7.4	10.7	16.9	21.5	24.4	37.3	F	Other uterine cancer 179, 182/C54, C55
1.2	2.4	5.2	9.7	12.1	17.4	23.7	27.3	31.8	41.7	F	Ovarian cancer 183/C56, C570-C574
-	0.0	0.4	1.6	6.1	13.2	32.6	62.8	121.4	368.0	M	Prostate cancer 185/C61
0.0	0.2	1.3	2.9	5.6	15.7	26.4	43.7	78.6	178.1	M	Bladder cancer 188/C67
0.0	0.2	0.3	1.0	1.6	2.1	4.4	7.0	12.5	32.8	F	
5.8	9.7	15.0	27.6	51.6	84.8	129.1	188.0	280.2	462.5	M	Other and ill-defined Rest of 140-199/
3.9	7.3	10.7	19.9	31.8	49.3	75.6	109.0	162.3	304.3	F	cancer sites rest of C00-C80, C97
0.4	0.4	0.4	0.7	0.8	0.8	1.2	1.6	3.4	4.4	M	Hodgkin's disease 201/C81
0.3	0.4	0.2	0.5	0.1	0.5	0.4	1.1	1.5	3.0	F	
1.5	2.1	4.0	5.3	9.9	17.4	28.6	48.2	71.0	112.4	M	Myeloma and non- 200, 202-203/
0.4	1.2	2.3	3.7	5.7	11.0	19.1	28.8	50.0	74.8	F	Hodgkin lymphomas C82-C90, C96
2.0	1.9	2.6	3.8	6.1	11.6	21.3	34.2	57.6	91.5	M	Leukaemia 204-208/C91-C95
1.0	1.2	2.1	2.7	4.0	7.2	12.4	19.8	31.8	52.4	F	
0.3	1.4	3.2	7.5	14.8	30.3	47.0	83.5	150.2	350.9	M	Diabetes 250/E10-E14
0.3	0.6	1.6	3.2	6.8	14.7	25.9	54.3	119.1	362.8	F	
13.6	26.5	50.0	80.3	134.6	214.9	370.8	650.0	1337.3	4732.9	M	ALL VASCULAR 390-459/I00-I99
5.4	9.2	15.7	26.1	40.0	76.2	147.8	317.2	815.4	4507.3	F	DISEASE
0.1	0.2	0.5	0.7	1.5	1.8	3.6	6.1	10.0	24.9	M	Rheumatic heart 390-398/I00-I09
0.0	0.2	0.2	0.4	0.9	2.8	4.2	9.2	17.6	39.3	F	disease and fever
0.5	1.5	2.7	4.9	11.3	17.0	32.1	48.9	117.8	549.6	M	Hypertensive disease 401-405/I10-I15
0.2	0.5	1.3	2.5	4.6	7.7	17.5	35.2	103.6	715.4	F	
4.6	10.9	24.2	40.9	68.7	109.6	169.7	285.9	534.8	1632.0	M	Ischaemic heart 410-414/I20-I25
1.3	2.1	4.4	7.8	12.9	24.4	49.9	99.9	244.4	1253.8	F	disease
0.1	0.4	0.7	0.7	1.1	2.1	2.9	4.8	9.0	33.5	M	Pulmonary embolism 415.1, 451-453/
0.3	0.2	0.6	0.5	0.7	1.2	2.7	4.7	10.4	37.7	F	and other venous 126, 180-182
2.6	4.5	7.7	11.9	19.7	36.0	74.6	150.2	355.5	1275.3	M	Cerebrovascular 430-438/I60-I69
1.5	2.7	5.2	7.7	10.6	20.3	36.4	90.7	248.8	1326.6	F	disease
5.8	9.0	14.2	21.1	32.2	48.5	87.8	154.2	310.2	1217.6	M	Other vascular Rest of 390-459/
2.0	3.5	4.0	7.1	10.3	19.8	37.1	77.5	190.6	1134.6	F	disease rest of I00-I99
0.4	0.8	1.2	3.5	5.5	14.7	34.1	78.5	186.5	747.8	M	Chronic obstructive 490-496/
0.1	0.3	0.8	1.7	2.8	5.8	12.9	25.3	64.5	291.9	F	pulmonary disease J40-J47, J67
1.8	1.8	3.1	5.1	7.6	13.1	27.9	51.0	114.0	453.3	M	Other respiratory Rest of 460-519/
1.0	0.9	1.6	2.4	4.4	7.2	13.0	25.5	56.8	301.5	F	disease rest of J00-J98
-	0.1	0.4	0.5	0.7	1.1	1.8	2.8	6.1	15.9	M	Peptic ulcer 531-533/K25-K27
0.0	-	0.1	0.1	0.3	0.6	0.8	1.0	2.9	12.2	F	
3.0	6.0	12.9	17.1	20.8	29.2	40.0	46.3	59.3	72.5	M	Liver cirrhosis 571/K70, K74
0.5	2.0	3.0	4.7	6.2	9.5	15.3	27.2	43.9	54.7	F	
0.3	0.5	0.7	2.6	4.4	8.3	13.3	29.3	57.8	223.3	M	Renal disease 580-590/N00-N19
0.4	0.2	0.6	1.1	2.6	5.0	8.3	15.7	35.4	149.8	F	
0.3	0.1	-	-	-	-	-	-	-	-	M	Pregnancy, birth 630-676/A34,000-099
1.4	1.3	1.2	1.8	3.4	3.2	1.8	2.5	2.0	5.0	F	Congenital and 740-779/A33,
0.7	0.5	0.9	1.0	2.1	1.9	1.3	1.7	2.0	3.6	F	perinatal causes P00-P96, Q00-Q99
5.8	6.3	6.4	6.9	7.8	9.6	10.4	15.7	25.3	147.5	M	Ill-defined causes 780-799/R00-R99
1.2	2.0	2.6	1.9	2.6	2.9	4.0	6.7	17.0	212.4	F	
10.0	13.5	19.9	26.6	44.2	68.1	111.5	211.6	440.1	1400.3	M	Other medical causes Rest of 001-799/
5.8	7.9	12.1	18.0	28.4	46.0	78.4	147.9	343.0	1416.0	F	rest of A00-R99
31.9	33.6	34.3	36.6	36.7	38.0	48.7	66.6	106.0	349.0	M	ALL NON- E800-E999/V01-Y89
7.1	7.6	8.6	8.7	10.4	11.8	15.4	27.1	60.9	302.2	F	MEDICAL CAUSES
10.9	10.7	10.0	9.5	8.8	6.9	9.8	11.8	19.0	24.8	M	Road traffic E810-E819, E826-E829/
2.2	2.3	2.0	2.1	2.0	2.9	2.4	4.6	5.9	6.5	F	accidents part of V01-V99, Y850
0.2	0.2	0.2	0.1	0.4	0.3	0.7	0.6	1.3	2.4	M	Fire E890-E899/X00-X09
0.0	0.1	0.0	0.1	0.1	0.2	0.5	0.5	1.3	1.5	F	
9.8	12.0	12.5	14.1	13.4	13.5	14.5	16.6	19.3	31.7	M	Suicide E950-E959/X60-X84
2.9	2.6	3.4	3.8	3.8	3.9	3.6	5.0	4.1	4.5	F	
2339	2418	2338	2034	1845	1829	1476	1411	1076	1205	M	POPULATION
2311	2432	2384	2105	1950	1964	1653	1673	1427	2260	F	(1000s; UN, 2015 revision)

## ITALY: 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	– / 5.6	– / 2.7	–
35–69	19 / 67	4.2 / 38	23 years
70+	50 / 216	19 / 264	7 years
All ages	69 / 288	23 / 304	11 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	7.7/8.8	15/16	22/25	–/0.0	1.8/3.0	3.3/5.2	5.1/8.3
All Cancer	–/0.7	11/30 (36%)	21/64 (33%)	32/95	–/0.5	2.2/22 (10%)	4.2/50 (8%)	6.4/73
Vascular	–/0.4	4.9/16	15/82	20/98	–/0.2	1.1/6.3	7.7/121	8.8/127
Respiratory	–/0.1	1.0/2.2	9.9/20	11/22	–/0.1	0.3/1.1	4.5/17	4.8/18
All Other	–/4.4	2.0/18	4.2/50	6.2/73	–/1.9	0.6/8.9	2.2/76	2.9/87
All Causes	–/5.6	19/67 (28%)	50/216 (23%)	69/288	–/2.7	4.2/38 (11%)	19/264 (7%)	23/304

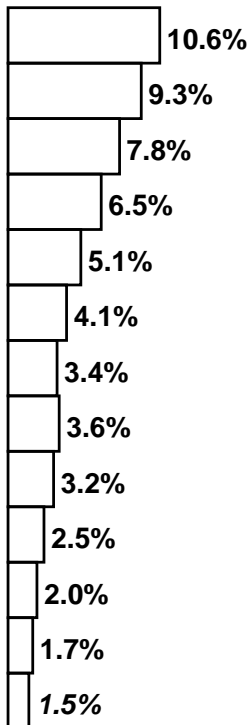
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	32 / 95 (34%)	6.4 / 73 (9%)	38 / 167 (23%)
All Causes	69 / 288 (24%)	23 / 304 (8%)	92 / 592 (15%)

1955-2015<sup>‡</sup>: ITALY

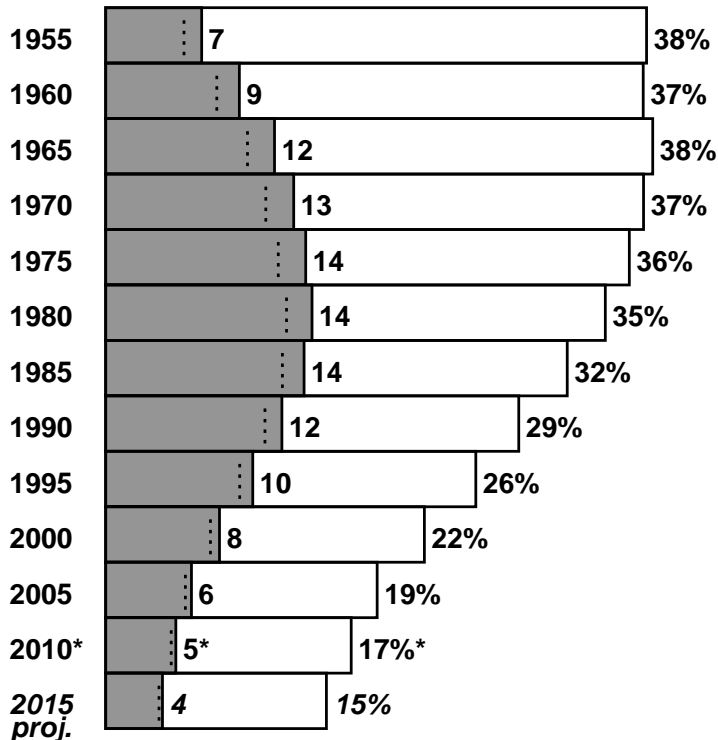
<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

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)

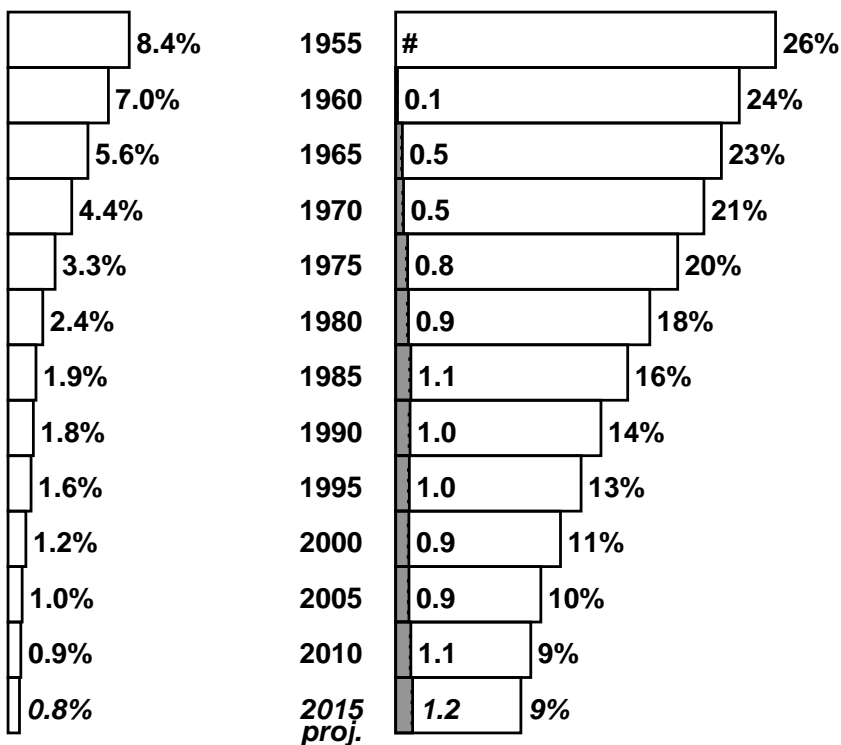
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 17 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

**ITALY: 1950-2015<sup>†</sup>**<sup>†</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population**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	– / 4.4	– / 2.2	–
35–69	16 / 64	5.0 / 37	<b>23 years</b>
70+	48 / 230	21 / 279	7 years
<b>All ages</b>	<b>64 / 298</b>	<b>26 / 318</b>	<b>11 years</b>

**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	–/45	18/92 <b>(20%)</b>	1.5/108 <b>(1%)</b>	20/245	–/35	0.0/70	0.0/118	0.0/223
1965	–/35	35/110 <b>(32%)</b>	9.9/124 <b>(8%)</b>	45/270	–/24	1.4/69 <b>(2%)</b>	0.5/144 <b>(0.3%)</b>	1.9/236
1975	–/22	45/119 <b>(38%)</b>	29/150 <b>(19%)</b>	74/290	–/14	2.8/66 <b>(4%)</b>	3.3/177 <b>(2%)</b>	6.0/256
1985	–/13	45/104 <b>(43%)</b>	42/168 <b>(25%)</b>	87/286	–/6.9	3.4/54 <b>(6%)</b>	7.6/198 <b>(4%)</b>	11/259
1995	–/13	37/93 <b>(39%)</b>	48/180 <b>(27%)</b>	85/285	–/5.6	3.5/48 <b>(7%)</b>	12/217 <b>(6%)</b>	16/271
2005	–/7.1	22/72 <b>(31%)</b>	52/202 <b>(26%)</b>	74/281	–/3.1	3.6/39 <b>(9%)</b>	16/247 <b>(7%)</b>	20/290
2015 proj.	–/4.4	16/64 <b>(25%)</b>	48/230 <b>(21%)</b>	64/298	–/2.2	5.0/37 <b>(13%)</b>	21/279 <b>(7%)</b>	26/318

**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 5.1 / 33M**

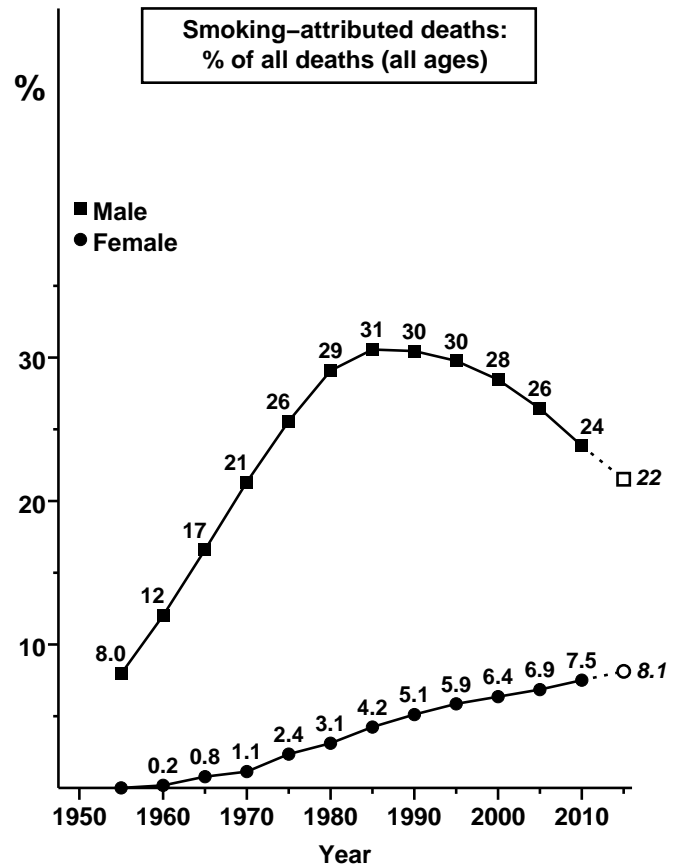
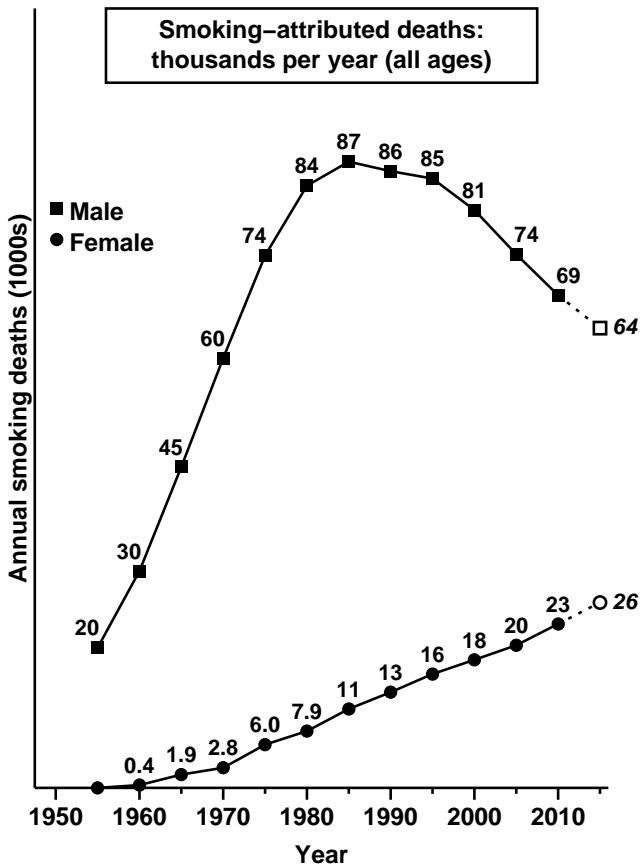
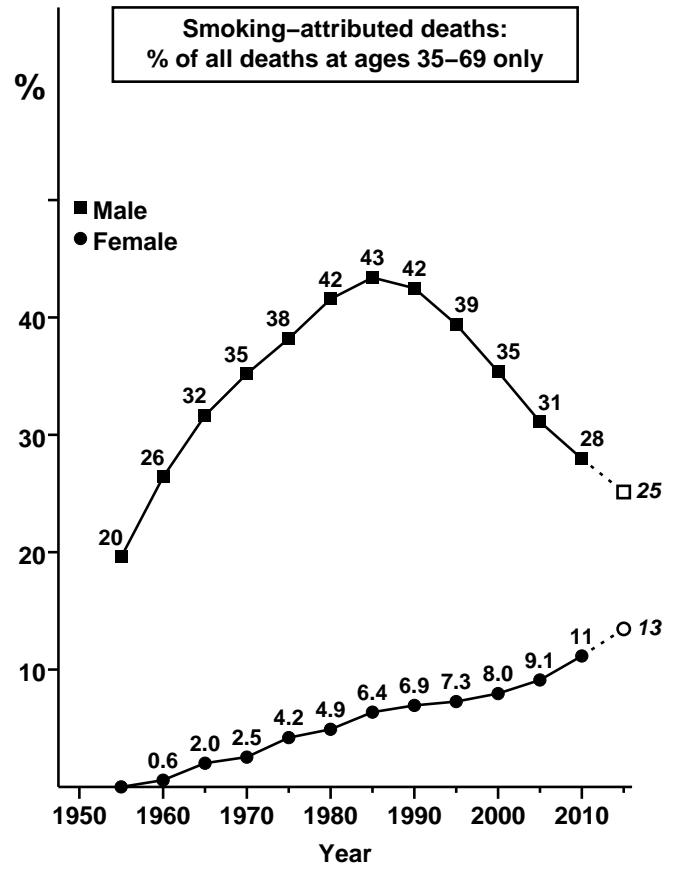
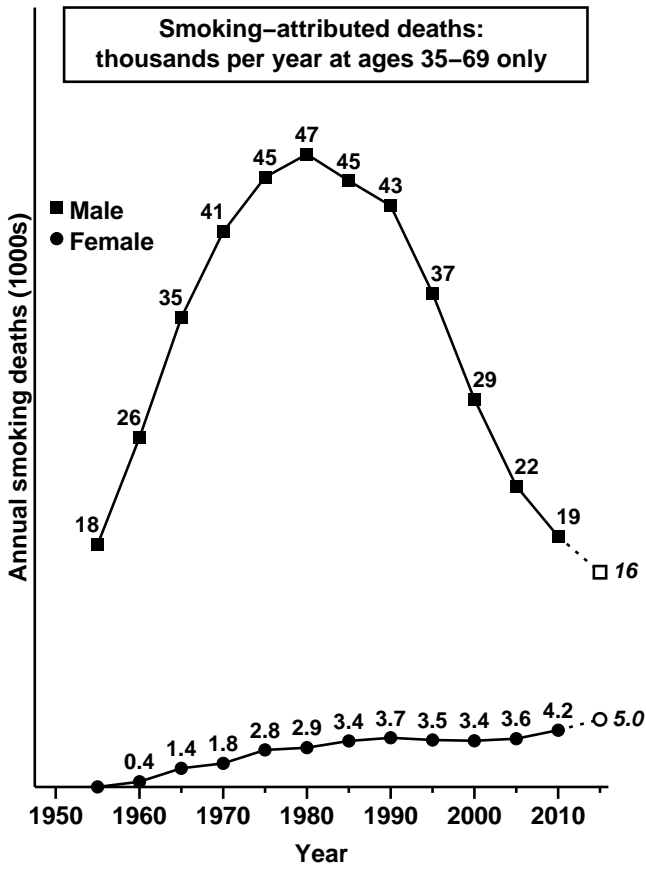
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/0.9M	2.0/5.6M	2.3/11M	4.3/17M	–/0.6M	0.2/3.1M	0.6/13M	0.8/16M
	<b>(36%)</b>	<b>(22%)</b>			<b>(6%)</b>	<b>(5%)</b>	

1955-2015<sup>‡</sup>: ITALY

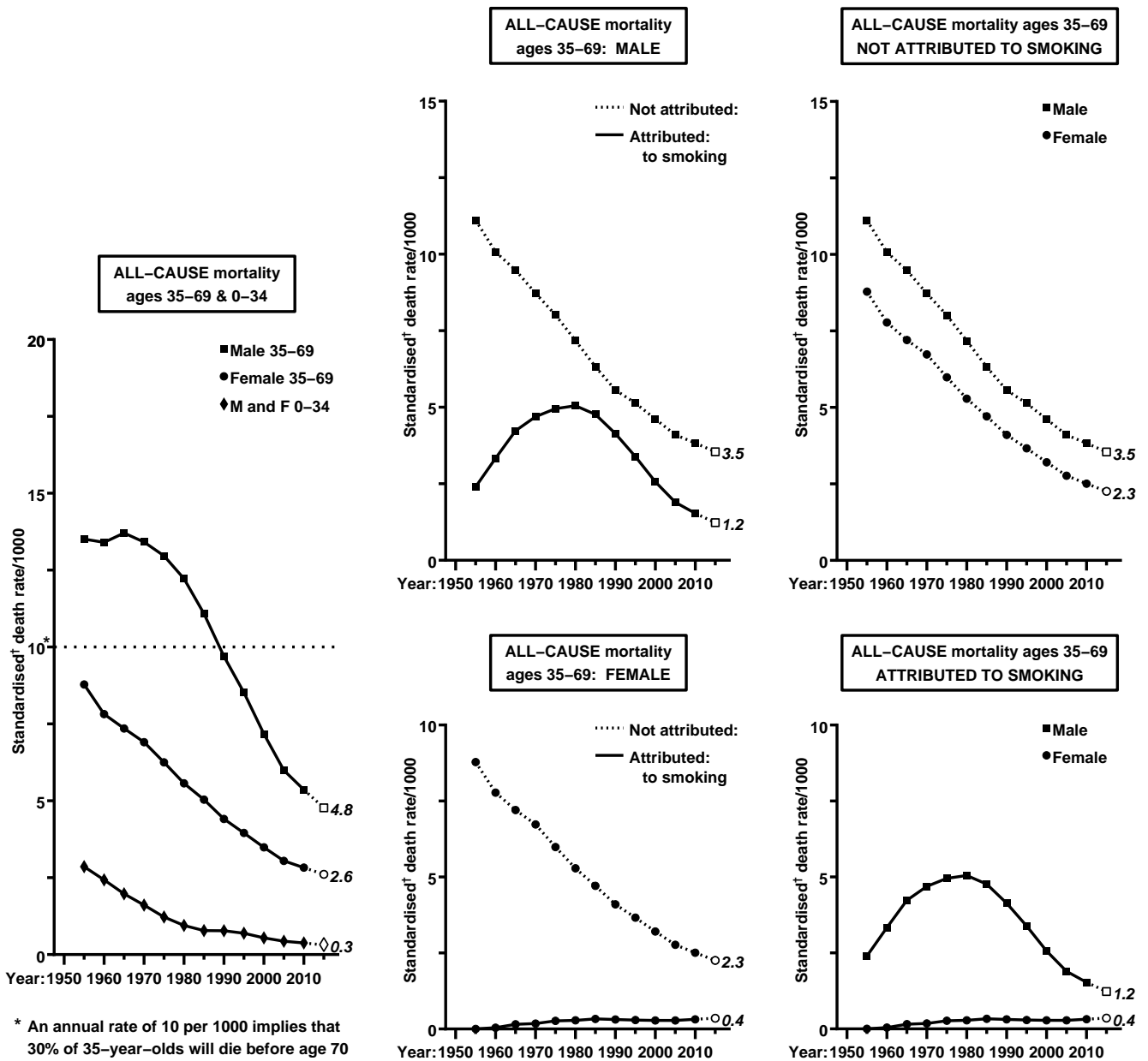
<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



**ITALY: 1955-2015<sup>†</sup>**

<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

<sup>†</sup> 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)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	3.19	2.40	11.1	1.24	72.5	-	2.52	0.00	8.78	0.00	61.8	-	2.07	0.04	7.78	0.00	54.2
1960	-	2.78	3.33	10.1	3.11	66.1	-	1.64	0.15	7.20	0.27	51.8	-	1.30	0.18	6.73	0.42	48.4
1965	-	2.31	4.23	9.47	6.75	64.1	-	0.95	0.26	5.98	0.95	43.6	-	0.70	0.28	5.28	1.26	38.0
1970	-	1.92	4.69	8.72	11.4	59.8	-	0.56	0.33	4.71	1.59	33.6	-	0.51	0.31	4.10	1.76	28.8
1975	-	1.49	4.95	8.01	15.4	55.4	-	0.46	0.29	3.66	1.80	25.6	-	0.36	0.28	3.20	1.73	22.2
1980	-	1.19	5.05	7.17	16.9	49.8	-	0.28	0.28	2.77	1.57	19.1	-	0.26	0.32	2.51	1.50	16.9
1985	-	0.99	4.76	6.32	16.8	44.7	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
1990	-	1.04	4.14	5.56	16.0	38.9	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
1995	-	0.92	3.39	5.13	15.2	35.2	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
2000	-	0.72	2.56	4.61	13.8	31.6	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
2005	-	0.58	1.89	4.10	11.0	27.6	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
2010	-	0.50	1.53	3.83	8.67	24.5	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8
2015	-	0.42	1.23	3.54	6.85	21.7	-	0.23	0.28	2.77	1.42	14.8	-	0.23	0.35	2.25	1.42	14.8

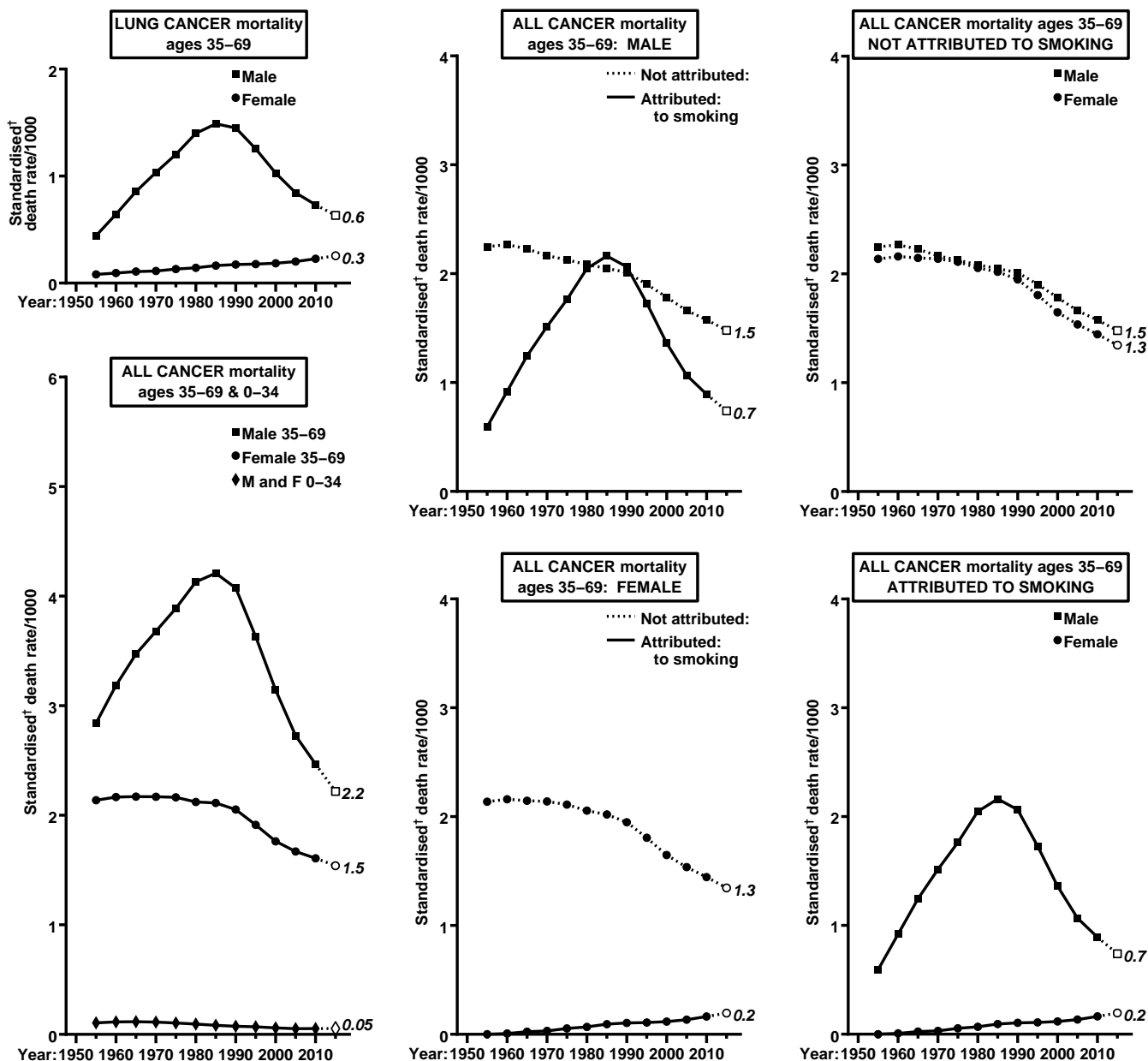
0-34 and 35-69 = means of 7 age-specific rates; 70-79 = mean of 2 rates (70-74 & 75-79)



1955-2015<sup>†</sup>: ITALY

<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

ALL CANCER mortality rates attributed and not attributed to smoking



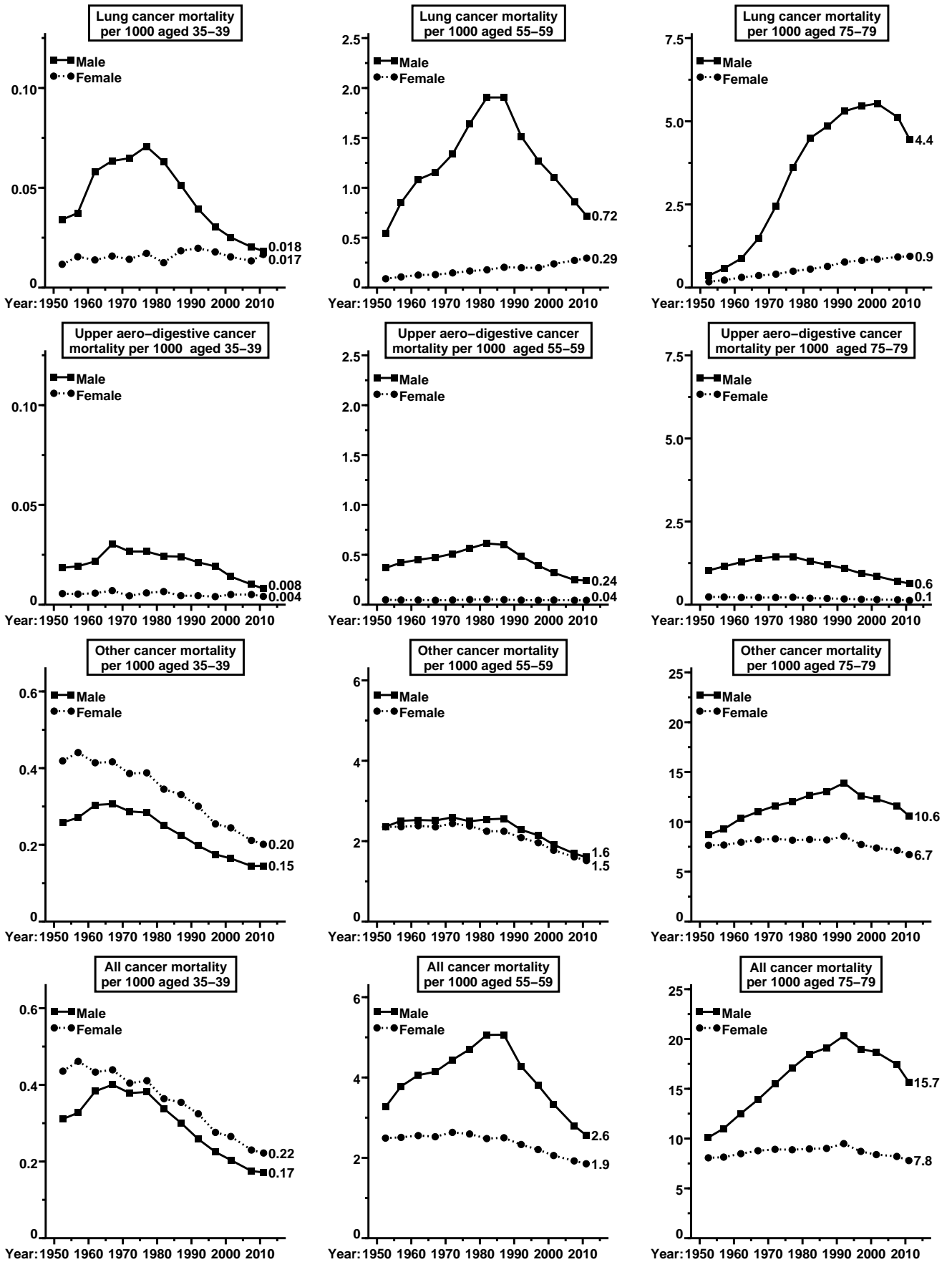
<sup>†</sup> Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	-	0.11	0.59	2.25	0.28	9.42	-	0.10	0.00	2.14	0.00	7.27	-	0.10	0.01	2.16	0.00	7.39
1960	-	0.12	1.24	2.23	1.73	10.5	-	0.11	0.02	2.15	0.03	7.61	-	0.10	0.03	2.14	0.05	7.69
1965	-	0.12	1.51	2.16	3.12	10.6	-	0.10	0.03	2.14	0.05	7.54	-	0.10	0.07	2.05	0.23	7.50
1970	-	0.11	2.16	2.05	5.70	10.4	-	0.09	0.09	2.02	0.34	7.58	-	0.08	0.10	1.95	0.45	7.60
1975	-	0.10	2.06	2.01	6.79	10.8	-	0.07	0.11	1.80	0.52	7.16	-	0.06	0.10	1.80	0.52	7.16
1980	-	0.10	1.73	1.90	6.92	10.3	-	0.06	0.11	1.80	0.52	7.16	-	0.06	0.11	1.80	0.52	7.16
1985	-	0.09	2.16	2.05	6.31	10.7	-	0.08	0.09	2.02	0.34	7.58	-	0.08	0.09	2.02	0.34	7.58
1990	-	0.08	2.06	2.01	6.79	10.8	-	0.07	0.10	1.95	0.45	7.60	-	0.07	0.10	1.95	0.45	7.60
1995	-	0.07	1.73	1.90	6.92	10.3	-	0.06	0.11	1.80	0.52	7.16	-	0.06	0.11	1.80	0.52	7.16
2000	-	0.06	1.36	1.78	6.71	9.72	-	0.05	0.12	1.65	0.57	6.73	-	0.05	0.12	1.65	0.57	6.73
2005	-	0.06	1.07	1.66	5.81	9.27	-	0.05	0.13	1.54	0.57	6.34	-	0.05	0.13	1.54	0.57	6.34
2010	-	0.06	0.89	1.58	4.90	8.71	-	0.05	0.16	1.44	0.62	6.09	-	0.05	0.16	1.44	0.62	6.09
2015	-	0.06	0.74	1.48	4.12	8.16	-	0.05	0.19	1.34	0.66	5.81	-	0.05	0.19	1.34	0.66	5.81

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

**ITALY: 1951-2012**

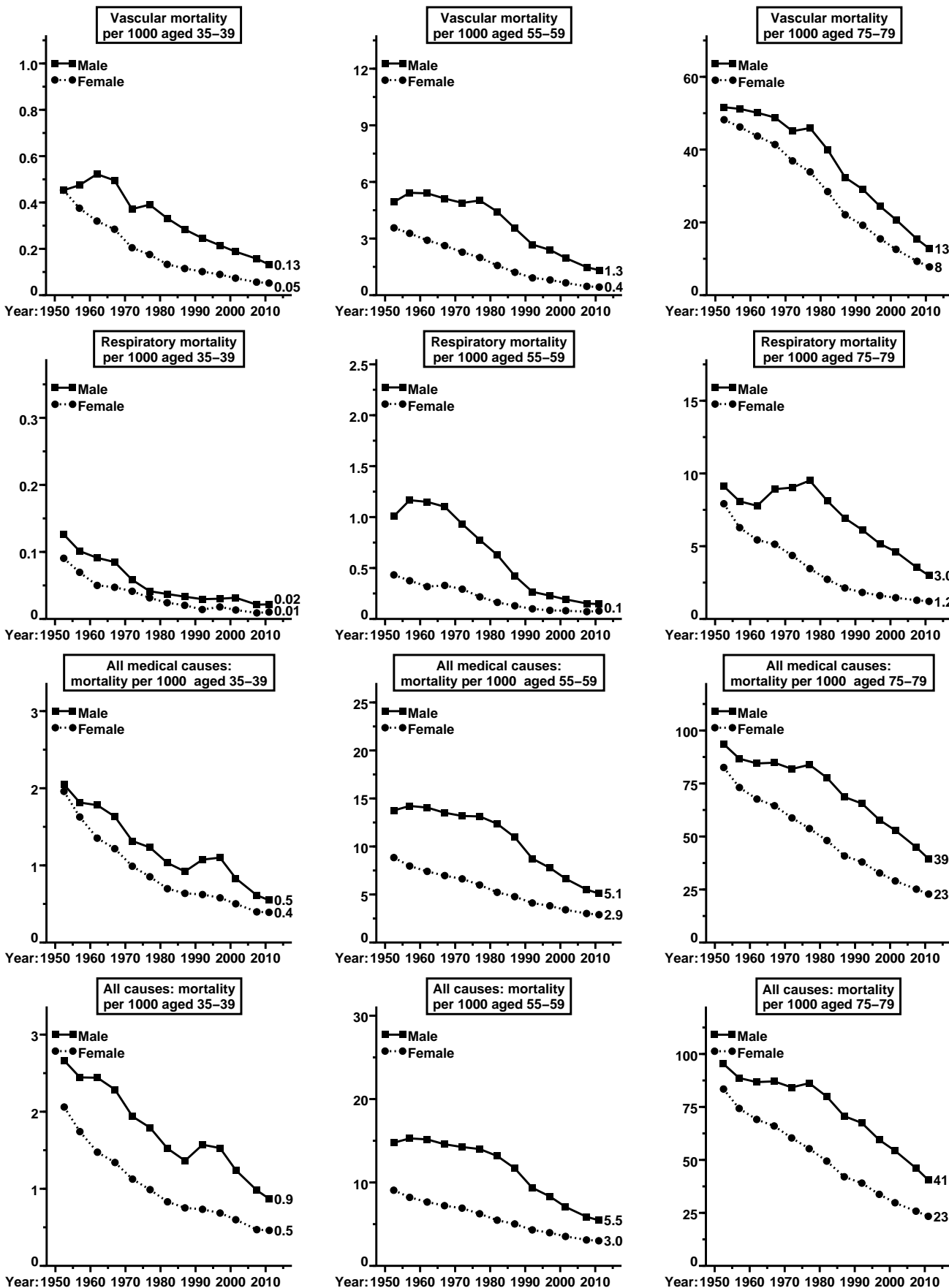
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 3–year average 2010–12

1951-2012: ITALY

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 3-year average 2010-12

<b>JAPAN: 2010</b>
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		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
<b>ALL CAUSES</b>	M	633700	10976	166457	579.5	44.8	559.6	67.7	9.1	11.5	30.4	56.3	63.5	75.1
	F	563312	5888	76315	315.6	25.9	245.9	57.5	8.0	7.0	16.3	23.9	28.2	40.4
<b>Tuberculosis</b>	M	2190	7	284	1.8	0.0	0.9	-	-	-	-	0.0	0.0	0.1
	F	1449	-	88	0.7	-	0.3	-	-	-	-	-	-	-
<b>Other infective and parasitic</b>	M	10605	181	2930	9.9	0.8	9.9	3.1	0.5	0.3	0.3	0.4	0.4	0.7
	F	11619	146	1505	6.7	0.7	4.8	3.2	0.2	0.3	0.4	0.3	0.2	0.5
<b>ALL CANCER</b>	M	211440	921	67313	193.7	3.7	226.3	2.1	1.9	2.1	3.0	3.9	5.2	7.6
	F	142066	904	39904	99.3	3.6	128.4	1.7	1.9	1.8	1.9	2.5	4.8	10.7
<b>Mouth and pharynx cancer</b>	M	4840	23	2162	4.8	0.1	7.3	-	-	-	-	0.1	0.2	0.3
	F	1962	28	452	1.3	0.1	1.5	-	-	-	0.0	0.1	0.2	0.4
<b>Oesophagus cancer</b>	M	9992	7	4496	9.6	0.0	15.1	-	-	-	-	0.0	-	0.1
	F	1875	1	611	1.3	-	2.0	-	-	-	-	-	-	0.0
<b>Stomach cancer</b>	M	32943	78	10445	30.1	0.3	35.1	-	-	-	0.1	0.1	0.7	1.1
	F	17193	63	4081	11.2	0.2	13.1	-	-	-	-	0.2	0.4	1.0
<b>Colorectal cancer</b>	M	24125	78	8506	22.6	0.3	28.6	-	-	0.0	0.0	0.3	0.3	1.2
	F	20495	53	4963	13.3	0.2	15.9	-	-	-	0.0	0.1	0.4	0.9
<b>Liver cancer</b>	M	19711	30	6972	18.4	0.1	23.4	0.1	-	0.1	0.0	0.1	0.1	0.4
	F	9864	13	1590	5.9	0.1	5.0	0.1	0.0	-	0.0	0.0	0.1	0.1
<b>Pancreas cancer</b>	M	14569	5	5674	13.8	0.0	19.0	-	-	-	-	0.0	-	0.1
	F	13448	12	3378	8.8	0.0	10.8	-	-	0.0	-	-	0.1	0.2
<b>Larynx cancer</b>	M	916	-	277	0.8	-	0.9	-	-	-	-	-	-	-
	F	86	-	22	0.1	-	0.1	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	50395	34	14772	45.1	0.1	49.8	-	-	-	0.1	0.1	0.2	0.5
	F	19418	32	4622	12.5	0.1	14.7	0.1	-	0.0	0.0	0.1	0.1	0.5
<b>Malignant melanoma</b>	M	316	4	138	0.3	0.0	0.5	-	-	-	-	0.1	0.0	0.0
	F	310	11	118	0.2	0.0	0.4	-	-	-	-	-	0.0	0.2
<b>Female breast cancer</b>	F	12455	99	7439	12.5	0.3	24.2	-	-	-	-	0.0	0.5	1.9
<b>Cervix cancer</b>	F	2664	86	1468	2.8	0.3	4.8	-	-	-	-	-	0.4	1.7
<b>Other uterine cancer</b>	F	3266	21	1456	2.8	0.1	4.7	-	-	-	-	0.0	0.1	0.4
<b>Ovarian cancer</b>	F	4758	47	2573	4.5	0.2	8.4	-	0.0	-	0.1	0.3	0.3	0.6
<b>Prostate cancer</b>	M	10722	4	1226	8.6	0.0	4.2	-	-	-	-	0.0	0.1	-
<b>Bladder cancer</b>	M	4719	1	871	3.9	0.0	2.9	0.0	-	-	-	-	-	-
	F	2085	1	226	1.1	-	0.7	-	-	0.0	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	25438	365	7728	23.6	1.5	26.0	0.9	1.4	1.1	1.6	1.4	1.9	2.2
	F	22397	249	4541	14.2	1.1	14.6	0.9	1.2	0.8	0.9	1.0	1.1	1.7
<b>Hodgkin's disease</b>	M	93	7	33	0.1	0.0	0.1	-	-	-	-	0.1	0.1	0.1
	F	47	2	7	0.0	0.0	0.0	-	-	-	0.0	-	0.0	-
<b>Myeloma and non-Hodgkin lymphomas</b>	M	7801	70	2227	7.1	0.3	7.5	0.1	0.1	0.2	0.3	0.3	0.4	0.6
	F	6525	33	1399	4.2	0.1	4.5	0.0	0.1	0.1	0.2	0.1	0.3	0.2
<b>Leukaemia</b>	M	4860	215	1786	4.9	0.9	6.0	0.9	0.4	0.8	0.9	1.1	1.2	0.9
	F	3218	153	958	2.6	0.7	3.1	0.5	0.5	0.8	0.6	0.5	0.8	0.8
<b>Diabetes</b>	M	7620	36	2506	7.1	0.1	8.4	-	-	0.1	0.1	0.0	0.3	0.5
	F	6802	15	853	3.7	0.1	2.7	-	-	-	0.0	0.1	0.1	0.2
<b>ALL VASCULAR DISEASE</b>	M	163018	1024	39446	144.8	3.9	132.7	2.9	0.6	1.1	1.9	3.2	6.5	11.2
	F	178864	421	14127	87.2	1.8	45.5	2.4	0.6	0.8	1.1	1.6	2.1	3.9
<b>Rheumatic heart disease and fever</b>	M	748	3	103	0.6	0.0	0.3	0.0	-	-	-	0.0	0.0	-
	F	1687	-	109	0.8	-	0.3	-	-	-	-	-	-	-
<b>Hypertensive disease</b>	M	2517	2	543	2.1	0.0	1.8	-	-	-	-	0.0	0.0	-
	F	4243	4	140	1.8	0.0	0.5	-	-	-	0.0	-	0.0	0.1
<b>Ischaemic heart disease</b>	M	42750	171	13104	39.3	0.6	44.1	0.1	-	0.0	0.2	0.4	1.1	2.5
	F	34467	54	3322	17.6	0.2	10.7	0.1	-	-	0.1	0.2	0.3	0.8
<b>Pulmonary embolism and other venous</b>	M	937	21	287	0.9	0.1	1.0	0.1	-	-	0.0	0.1	0.2	0.2
	F	1492	21	308	1.0	0.1	1.0	-	-	-	0.1	0.0	0.2	0.3
<b>Cerebrovascular disease</b>	M	60186	253	13605	52.9	0.9	45.8	0.1	0.1	0.2	0.5	0.6	1.7	3.3
	F	63275	126	5922	31.8	0.5	19.1	0.3	0.1	0.3	0.2	0.5	0.7	1.3
<b>Other vascular disease</b>	M	55880	574	11804	48.9	2.3	39.7	2.6	0.5	0.9	1.3	2.1	3.4	5.2
	F	73700	216	4326	34.3	1.0	13.9	2.0	0.4	0.5	0.7	0.8	0.8	1.5
<b>Chronic obstructive pulmonary disease</b>	M	14154	35	1187	11.2	0.1	4.0	0.2	0.1	0.0	0.2	0.1	0.1	0.3
	F	5709	18	371	2.8	0.1	1.2	0.1	0.1	-	0.0	0.1	0.1	0.1
<b>Other respiratory disease</b>	M	91108	328	8373	72.6	1.4	28.4	4.2	0.6	0.5	0.9	0.8	1.3	1.8
	F	76638	230	2801	34.0	1.1	9.0	3.6	0.7	0.6	0.5	0.7	0.7	0.9
<b>Peptic ulcer</b>	M	1835	4	556	1.7	0.0	1.9	0.0	-	0.1	-	-	-	0.0
	F	1398	3	131	0.7	0.0	0.4	0.0	-	-	-	0.0	0.0	-
<b>Liver cirrhosis</b>	M	8917	49	5656	10.1	0.2	19.1	-	-	0.0	-	0.1	0.2	0.9
	F	4173	27	1303	3.1	0.1	4.2	-	-	0.0	0.0	-	0.1	0.5
<b>Renal disease</b>	M	12519	33	1712	10.2	0.1	5.8	0.2	0.0	0.1	-	0.1	0.2	0.3
	F	15086	23	791	7.0	0.1	2.5	0.3	0.0	-	0.1	0.2	0.1	0.1
<b>Pregnancy, birth</b>	F	49	25	21	0.1	0.1	0.1	-	-	-	-	-	0.2	0.5
<b>Congenital and perinatal causes</b>	M	1485	1056	200	3.4	5.3	0.7	33.9	0.5	0.4	0.7	0.7	0.8	0.4
	F	1348	848	192	2.9	4.5	0.6	29.6	0.5	0.3	0.4	0.3	0.3	0.4
<b>Ill-defined causes</b>	M	19734	463	4235	17.9	2.1	14.2	8.1	0.3	0.2	0.5	1.3	1.6	2.4
	F	40612	266	1018	17.3	1.3	3.3	5.4	0.2	0.3	0.6	0.6	0.9	1.0
<b>Other medical causes</b>	M	40729	684	9229	36.6	2.9	31.1	5.7	1.1	1.5	1.7	2.6	3.0	4.5
	F	49880	566	5228	26.7	2.6	16.8	5.9	1.9	1.0	1.7	1.9	2.4	3.2
<b>ALL NON-MEDICAL CAUSES</b>	M	48346	6155	22830	58.5	24.0	76.3	7.3	3.5	5.0	21.0	43.1	44.0	44.4
	F	27619	2396	7982	23.5	9.8	25.9	5.1	1.9	1.9	9.6	15.6	16.4	18.6
<b>Road traffic accidents</b>	M	4229	920	1745	5.5	3.8	5.8	0.8	1.1	1.1	6.5	7.1	5.0	4.5
	F	2158	247	643	2.0	1.1	2.1	0.5	0.7	0.2	2.5	1.8	1.2	0.8
<b>Fire</b>	M	841	66	367	0.9	0.3	1.2	0.5	0.2	0.2	0.1	0.2	0.3	0.4
	F	497	44	145	0.4	0.2	0.5	0.3	0.1	0.2	0.2	0.0	0.3	0.1
<b>Suicide</b>	M	21028	3900	13619	29.6	14.8	45.4	-	-	1.4	9.7	29.1	31.6	31.7
	F	8526	1536	4627	10.7	6.1	15.1	-	-	0.7	5.1	10.8	11.8	14.1
<b>POPULATION:</b>			<b>M=male</b>		62018	23283	30175	2767	2868	3038	3100	3483	3796	4230
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		65302	22253	30660	2626	2731	2891	2956	3312	3629	4108

## 2010: JAPAN

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			
99.0	151.9	239.9	383.1	626.5	958.6	1458.2	2273.2	3973.4	10209.5	M	ALL CAUSES	001-999/A00-Y89
56.0	82.1	125.6	192.3	275.6	396.6	593.0	984.2	1807.2	7231.1	F		
0.2	0.1	0.3	0.5	1.4	1.7	2.5	5.6	11.8	51.5	M	Tuberculosis	010-018, 137/
0.0	0.1	0.1	0.2	0.2	0.3	1.2	2.4	6.4	19.9	F		A15-A19, B90
1.2	2.0	4.1	7.5	11.5	16.8	26.0	40.2	76.9	153.4	M	Other infective	Rest of 001-139,279.5&6/
0.7	0.8	1.5	2.8	4.8	8.3	14.8	28.8	56.3	132.0	F	and parasitic	rest of A00-B99 excl A33,A34
12.7	27.2	56.6	122.4	247.9	433.9	683.6	1003.6	1544.8	2582.3	M	ALL CANCER	140-208/C00-C97
20.3	37.0	62.6	104.6	160.1	219.5	294.8	417.8	621.1	1222.0	F		
0.7	1.1	2.4	4.8	9.1	13.5	19.2	24.1	30.2	40.0	M	Mouth and	140-149/C00-C14
0.4	0.4	0.9	1.5	1.6	2.2	3.2	5.0	8.1	19.3	F	pharynx cancer	
0.2	0.8	2.6	7.2	17.3	30.1	47.5	54.3	64.6	75.2	M	Oesophagus cancer	150/C15
0.1	0.2	0.5	1.7	2.7	3.6	4.9	6.1	7.2	15.0	F		
2.0	3.9	7.7	18.3	39.0	68.0	106.9	163.2	237.5	401.2	M	Stomach cancer	151/C16
2.6	3.8	5.8	10.2	16.1	22.9	30.4	46.9	69.3	169.1	F		
1.7	4.6	8.4	17.2	32.8	55.2	79.9	115.0	161.3	279.0	M	Colorectal cancer	153, 154/C18-C21
2.1	4.1	6.6	12.2	19.6	28.3	38.5	57.7	83.6	198.3	F		
0.7	1.9	5.2	12.7	26.6	46.9	69.8	104.1	170.3	180.2	M	Liver cancer	155.0/C22 excl C221
0.1	0.2	0.7	1.5	3.8	9.6	19.4	37.8	65.7	87.6	F		
0.8	1.7	5.4	10.2	21.9	38.3	54.9	74.7	100.2	141.6	M	Pancreas cancer	157/C25
0.4	1.6	2.8	5.9	11.3	21.2	32.1	45.6	67.6	114.8	F		
0.0	0.1	0.1	0.4	1.0	2.1	2.7	4.5	7.1	11.3	M	Larynx cancer	161/C32
-	-	0.0	-	0.1	0.1	0.2	0.2	0.4	0.8	F		
1.9	3.9	10.9	24.2	50.2	94.5	162.9	237.4	385.8	654.2	M	Lung cancer	162/C33, C34
1.2	2.3	4.5	8.5	15.7	28.5	42.5	61.8	91.7	176.8	F		
0.1	0.1	0.4	0.3	0.5	0.8	0.9	1.4	1.9	3.0	M	Malignant melanoma	172/C43
0.1	0.3	0.2	0.2	0.5	0.6	0.8	0.6	1.3	2.2	F		
5.0	10.6	17.6	28.5	37.4	36.4	34.0	31.2	34.2	49.1	F	Female breast cancer	174/C50
2.5	3.6	4.8	5.6	5.8	5.7	5.6	6.3	8.4	11.2	F	Cervix cancer	180/C53
0.7	1.6	2.4	4.7	6.6	8.3	8.7	9.9	10.7	20.0	F	Other uterine cancer	179, 182/C54, C55
1.8	3.2	6.3	8.7	12.9	12.7	12.9	13.1	16.1	21.0	F	Ovarian cancer	183/C56, C570-C574
0.0	0.0	0.2	0.9	3.1	7.1	18.0	37.9	81.2	224.8	M	Prostate cancer	185/C61
0.1	0.1	0.6	0.8	3.0	6.1	9.8	14.9	31.3	93.2	M	Bladder cancer	188/C67
0.0	0.1	0.2	0.3	0.6	1.5	2.2	4.0	8.3	26.9	F		
2.8	5.5	8.0	16.0	29.0	46.9	73.8	114.4	179.3	328.6	M	Other and ill-defined	Rest of 140-199/
2.0	3.1	5.6	10.2	16.8	24.9	39.5	60.3	98.8	227.0	F	cancer sites	rest of C00-C80, C97
0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.6	0.5	0.8	M	Hodgkin's disease	201/C81
-	0.0	-	-	0.0	0.0	0.1	0.2	0.5	0.3	F		
0.8	1.3	2.1	4.8	8.2	14.0	21.1	34.8	59.4	103.7	M	Myeloma and non-	200, 202-203/
0.5	0.6	1.9	2.8	4.9	7.9	12.8	20.5	33.1	60.7	F	Hodgkin lymphomas	C82-C90, C96
1.0	2.0	2.6	4.4	6.1	10.3	15.7	22.2	34.2	45.8	M	Leukaemia	204-208/C91-C95
0.8	1.1	1.9	2.2	3.6	5.0	7.0	10.5	16.2	22.1	F		
0.9	2.0	3.1	5.4	10.0	15.6	21.8	34.8	52.8	94.4	M	Diabetes	250/E10-E14
0.3	0.6	0.9	1.5	2.7	5.0	8.1	16.2	27.9	82.7	F		
19.9	36.6	62.3	95.3	152.4	226.6	335.7	539.0	1004.3	2885.7	M	ALL VASCULAR	390-459/I00-I99
7.5	12.0	21.0	34.3	44.6	73.8	125.5	241.3	534.8	2588.3	F	DISEASE	
0.0	0.1	0.0	0.1	0.3	0.6	1.3	2.3	4.9	16.1	M	Rheumatic heart	390-398/I00-I09
-	-	0.0	0.2	0.2	0.5	1.5	2.4	6.0	24.3	F	disease and fever	
0.1	0.4	0.6	1.0	2.3	3.5	4.7	6.4	13.2	51.8	M	Hypertensive disease	401-405/I10-I15
0.0	0.1	0.1	0.3	0.3	0.7	1.6	3.1	7.6	70.3	F		
5.7	10.4	20.6	31.9	51.3	77.6	110.9	162.0	268.6	630.4	M	Ischaemic heart	410-414/I20-I25
1.3	2.5	4.0	6.9	10.4	18.2	31.4	63.0	132.3	457.9	F	disease	
0.4	0.4	0.8	0.4	0.6	1.6	2.6	3.1	5.4	14.1	M	Pulmonary embolism	415.1, 451-453/
0.5	0.7	0.8	0.9	1.0	1.2	2.0	3.4	6.4	15.5	F	and other venous	126, 180-182
6.5	14.0	21.9	33.9	54.0	75.5	115.1	199.8	389.9	1086.0	M	Cerebrovascular	430-438/I60-I69
3.1	5.3	10.7	16.9	19.2	30.8	48.1	87.8	189.9	896.5	F	disease	
7.2	11.4	18.4	27.9	43.9	68.0	101.1	165.3	322.2	1087.3	M	Other vascular	Rest of 390-459/
2.6	3.4	5.5	8.9	13.5	22.5	40.9	81.5	192.7	1123.9	F	disease	rest of I00-I99
0.6	0.5	0.9	1.3	2.8	6.6	15.6	36.9	98.9	334.8	M	Chronic obstructive	490-496/
0.3	0.3	0.3	0.6	1.3	1.9	3.7	9.2	19.4	81.5	F	pulmonary disease	J40-J47, J67
2.1	4.4	5.4	11.9	24.9	47.8	102.4	233.1	552.1	2208.9	M	Other respiratory	Rest of 460-519/
1.3	1.7	2.4	4.6	7.9	14.7	30.2	74.5	183.3	1218.6	F	disease	rest of J00-J98
0.1	0.3	0.7	1.3	2.4	3.6	4.5	6.8	11.2	27.9	M	Peptic ulcer	531-533/K25-K27
0.0	0.1	0.1	0.2	0.3	0.8	1.4	2.5	4.3	19.3	F		
2.8	6.4	13.3	20.3	25.2	30.3	35.0	37.3	38.0	37.4	M	Liver cirrhosis	571/K70, K74
0.9	2.0	3.0	3.7	5.4	5.9	8.8	15.0	20.7	29.9	F		
0.4	0.7	1.3	2.8	5.6	10.2	19.4	35.9	77.0	277.8	M	Renal disease	580-590/N00-N19
0.2	0.2	0.8	1.2	2.5	4.2	8.7	20.4	42.8	227.5	F		
0.4	0.1	-	-	-	-	-	0.1	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.5	0.5	0.5	0.6	0.7	0.8	1.2	1.1	2.5	4.6	F	Congenital and	740-779/A33,
0.3	0.7	0.5	0.6	0.6	0.8	0.9	1.0	1.6	4.1	F	perinatal causes	P00-P96, Q00-Q99
3.4	5.9	8.8	12.6	19.1	22.6	26.9	34.7	56.0	454.4	M	Ill-defined causes	780-799/R00-R99
1.3	1.6	2.2	3.3	3.3	4.1	7.4	14.2	34.7	708.9	F		
6.0	9.1	14.7	22.1	34.2	50.4	81.2	140.5	267.8	705.5	M	Other medical causes	Rest of 001-799/
3.9	5.9	8.6	11.1	17.6	26.1	44.6	83.0	161.9	670.0	F		rest of A00-R99
48.1	56.1	68.0	79.0	88.5	91.7	102.3	123.8	179.3	390.9	M	ALL NON-	E800-E999/V01-Y89
18.4	19.2	21.6	24.0	24.3	31.3	42.8	57.7	91.8	226.3	F	MEDICAL CAUSES	
3.9	4.4	5.2	5.6	6.2	7.0	8.4	13.4	16.7	25.6	M	Road traffic	E810-E819, E826-E829/
0.6	1.0	0.9	1.4	2.3	3.2	5.1	7.8	11.1	11.4	F	accidents	part of V01-V99, Y850
0.4	0.5	0.8	1.2	1.9	1.7	2.3	2.8	3.6	8.2	M	Fire	E890-E899/X00-X09
0.2	0.2	0.3	0.3	0.6	0.6	1.0	1.0	1.7	4.0	F		
35.0	40.2	46.7	52.6	53.2	48.3	41.6	36.9	38.2	48.5	M	Suicide	E950-E959/X60-X84
13.1	13.2	15.3	15.7	14.3	15.8	18.4	17.5	18.5	20.5	F		
4915	4365	3988	3821	4331	4815	3941	3232	2584	2744	M	POPULATION	
4797	4303	3953	3836	4424	5028	4320	3737	3343	5309	F	(1000s; UN, 2015 revision)	

## JAPAN: 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	– / 11	– / 6.3	–
35–69	31 / 165	4.0 / 76	22 years
70+	90 / 456	32 / 483	7 years
All ages	121 / 633	36 / 565	10 years

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

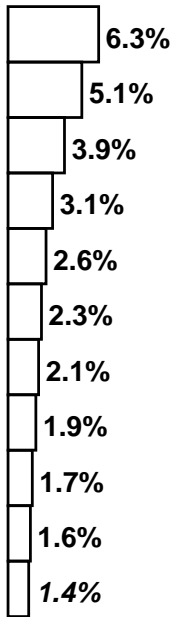
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	12/15	31/35	43/50	–/0.0	1.8/4.6	8.9/15	11/19
All Cancer	–/0.9	18/67 (27%)	44/143 (31%)	62/210	–/0.9	2.1/39 (5%)	11/101 (11%)	13/141
Vascular	–/1.0	8.5/39	19/122	27/162	–/0.4	1.1/14	10/164	11/179
Respiratory	–/0.4	2.5/9.6	21/95	23/105	–/0.3	0.3/3.2	7.1/79	7.4/82
All Other	–/8.7	2.6/50	6.0/96	8.6/154	–/4.7	0.4/19	3.8/139	4.2/163
All Causes	–/11	31/165 (19%)	90/456 (20%)	121/633	–/6.3	4.0/76 (5%)	32/483 (7%)	36/565

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

Cause	Male	Female	Male + Female
All Cancer	62 / 210 (30%)	13 / 141 (9%)	75 / 352 (21%)
All Causes	121 / 633 (19%)	36 / 565 (6%)	157 / 1198 (13%)

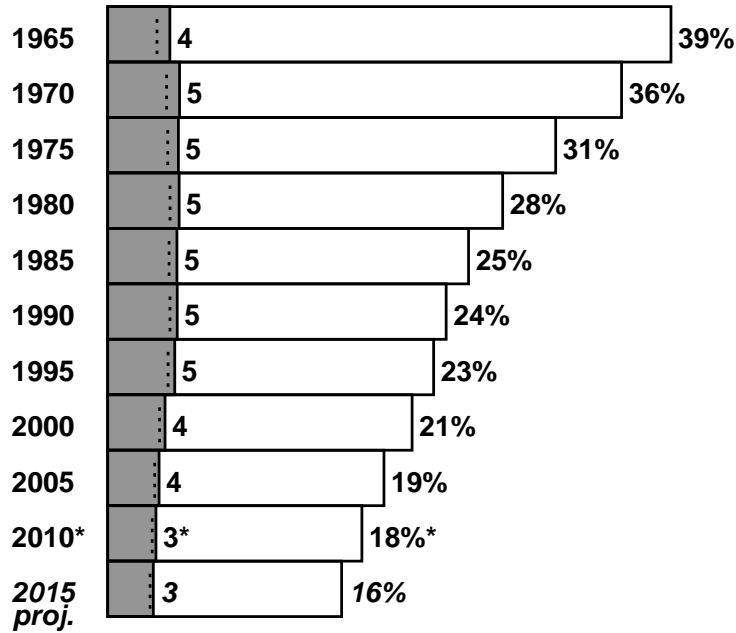
1965-2015: JAPAN

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)

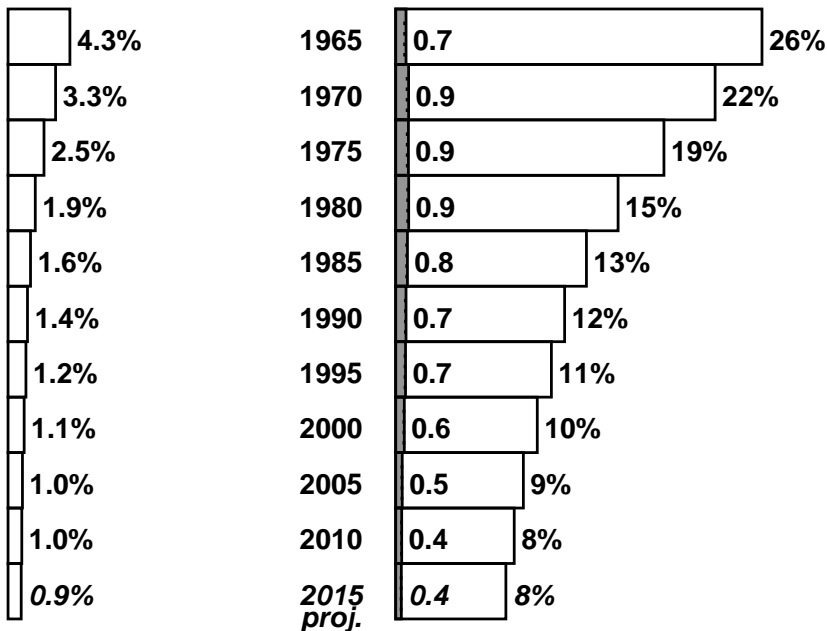
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 3 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



<b>JAPAN: 1960-2015</b>
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**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	– / 9.4	– / 5.6	–
35–69	30 / 151	3.8 / 70	<b>21 years</b>
70+	92 / 523	36 / 559	7 years
<b>All ages</b>	<b>122 / 684</b>	<b>40 / 635</b>	<b>10 years</b>

**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	–/56	18/165 <b>(11%)</b>	8.7/145 <b>(6%)</b>	26/367	–/37	2.8/109 <b>(3%)</b>	1.3/166 <b>(0.8%)</b>	4.1/311
1975	–/38	23/157 <b>(15%)</b>	24/184 <b>(13%)</b>	47/379	–/24	4.4/101 <b>(4%)</b>	8.2/200 <b>(4%)</b>	13/324
1985	–/22	28/157 <b>(18%)</b>	43/226 <b>(19%)</b>	71/405	–/13	5.0/89 <b>(6%)</b>	18/240 <b>(7%)</b>	23/342
1995	–/17	37/184 <b>(20%)</b>	63/287 <b>(22%)</b>	100/488	–/9.1	5.5/89 <b>(6%)</b>	26/311 <b>(8%)</b>	31/409
2005	–/13	32/173 <b>(18%)</b>	85/388 <b>(22%)</b>	117/574	–/7.2	4.0/79 <b>(5%)</b>	28/404 <b>(7%)</b>	32/490
2015 <i>proj.</i>	–/9.4	30/151 <b>(20%)</b>	92/523 <b>(18%)</b>	122/684	–/5.6	3.8/70 <b>(5%)</b>	36/559 <b>(6%)</b>	40/635

**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 6.3 / 54M**

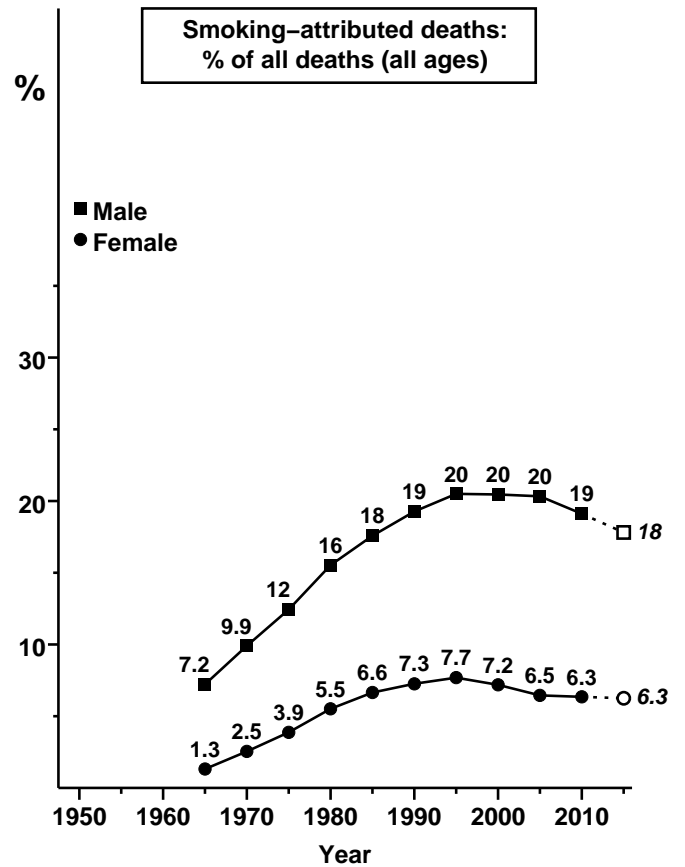
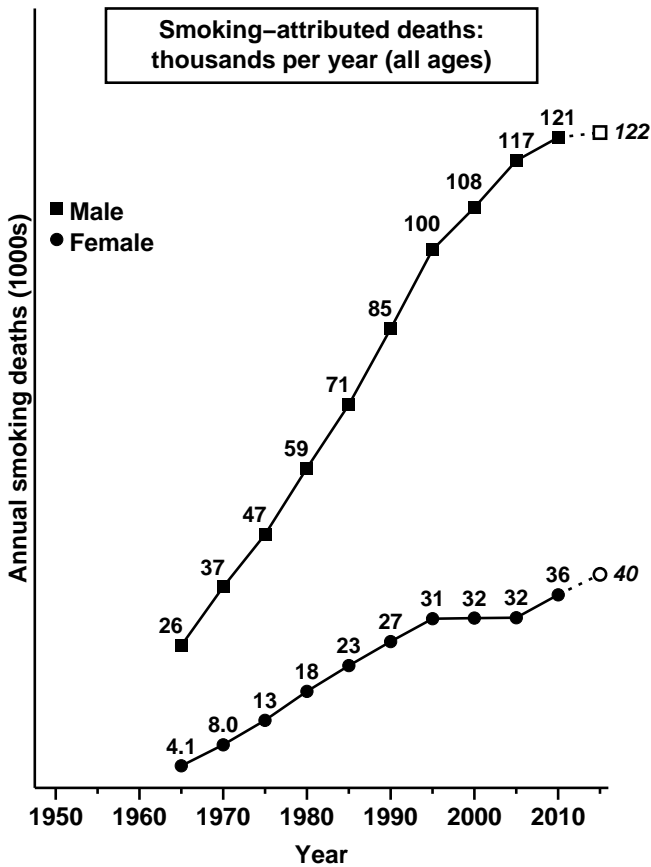
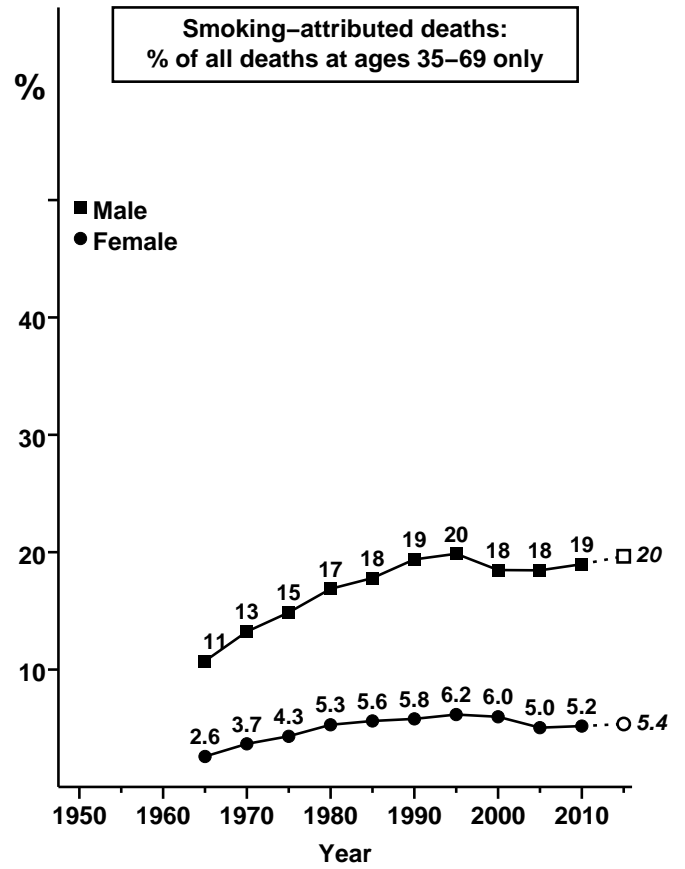
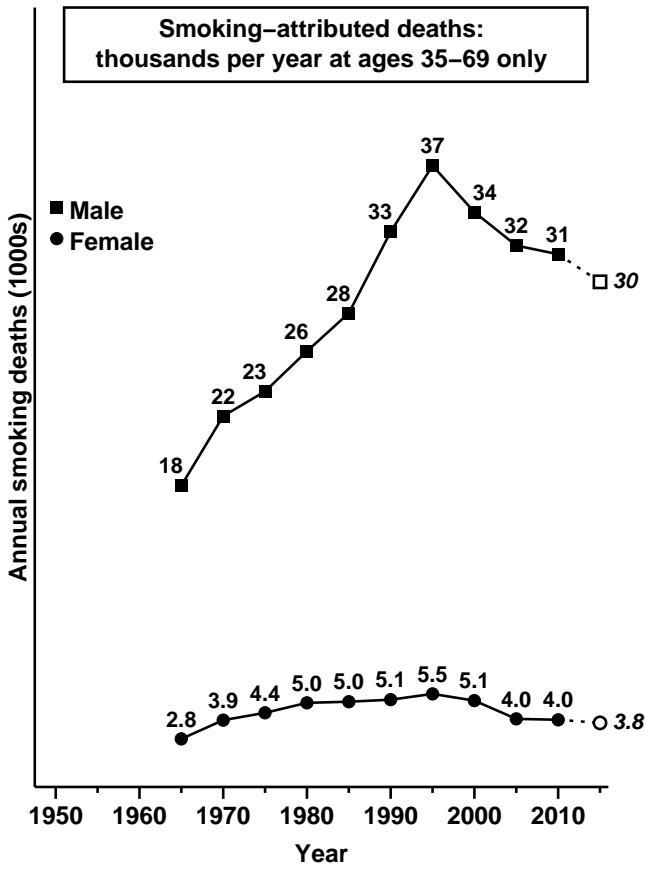
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/1.6M	1.7/9.9M	3.2/18M	4.8/29M	–/0.9M	0.3/5.4M	1.2/19M	1.4/25M
	<b>(17%)</b>	<b>(18%)</b>			<b>(5%)</b>	<b>(6%)</b>	

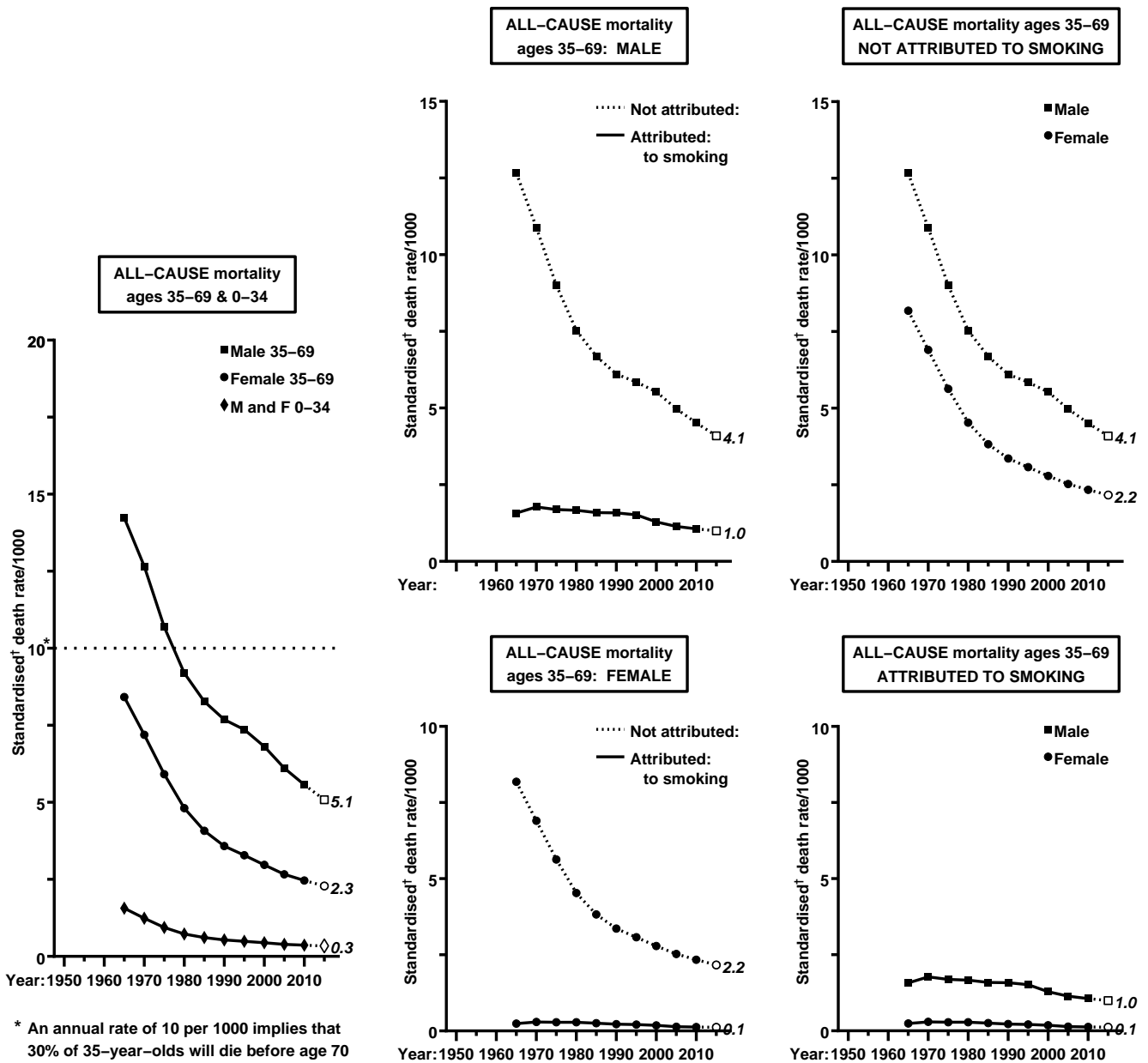


1965-2015: JAPAN



**JAPAN: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



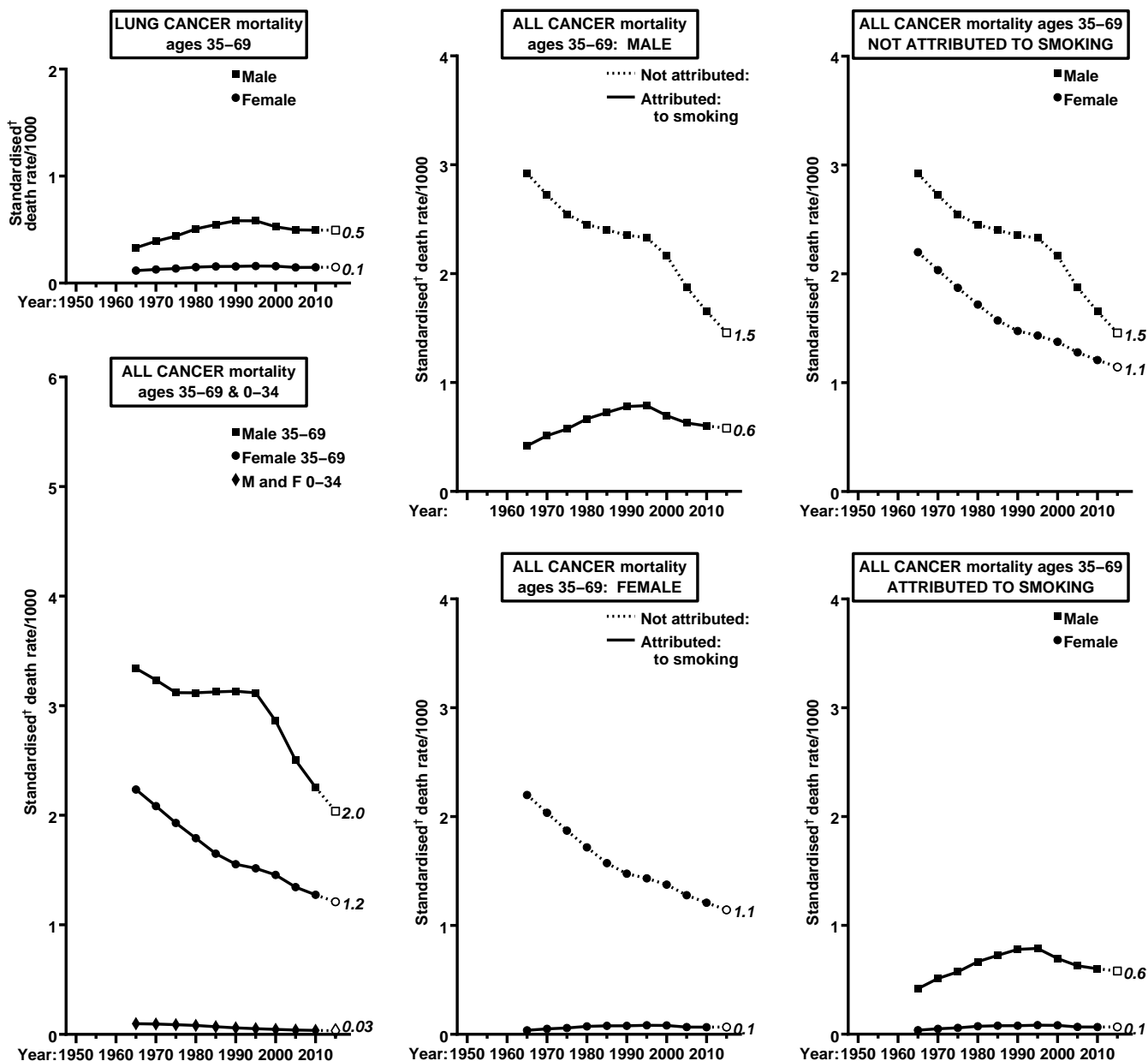
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.86	1.57	12.7	5.36	78.4	-	1.26	0.24	8.18	0.61	56.9	-	0.96	1.37	49.2
1970	-	1.51	1.77	10.9	7.71	69.3	-	0.72	0.29	6.90	2.04	41.7	-	0.55	2.43	33.2
1975	-	1.15	1.69	9.00	9.40	58.2	-	0.45	0.28	5.63	2.40	26.6	-	0.39	2.23	22.6
1980	-	0.90	1.66	7.53	10.6	47.9	-	0.36	0.25	4.53	1.94	19.4	-	0.32	1.50	16.3
1985	-	0.77	1.59	6.68	10.6	40.3	-	0.29	0.22	3.82	1.20	14.4	-	0.27	1.10	13.0
1990	-	0.67	1.58	6.10	10.6	36.0	-	0.26	0.21	3.36	1.10	13.0	-	0.26	1.01	11.8
1995	-	0.61	1.51	5.84	10.4	32.3	-	0.26	0.18	3.07	1.20	14.4	-	0.26	1.01	11.8
2000	-	0.56	1.28	5.53	9.41	28.8	-	0.26	0.14	2.79	1.20	14.4	-	0.26	1.01	11.8
2005	-	0.49	1.14	4.97	8.26	27.0	-	0.26	0.13	2.52	1.20	14.4	-	0.26	1.01	11.8
2010	-	0.45	1.06	4.51	6.69	25.0	-	0.26	0.13	2.34	1.20	13.0	-	0.26	1.01	11.8
2015	-	0.41	0.99	4.09	5.41	23.1	-	0.26	0.12	2.16	1.01	11.8	-	0.26	1.01	11.8

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

ALL CANCER mortality rates attributed and not attributed to smoking



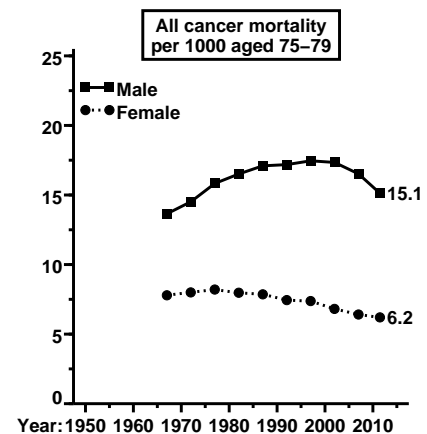
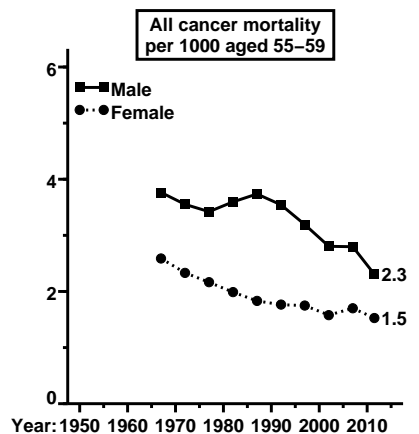
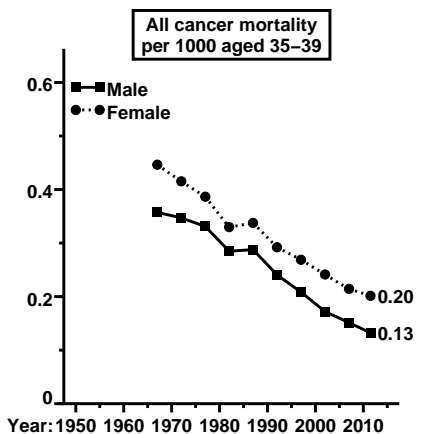
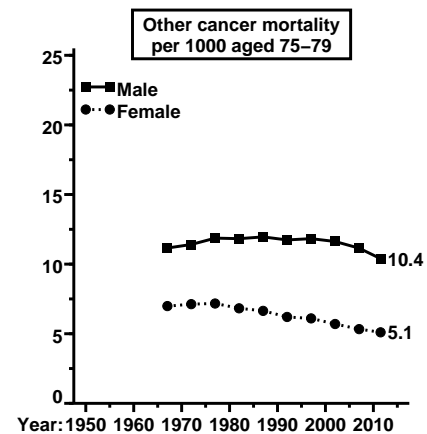
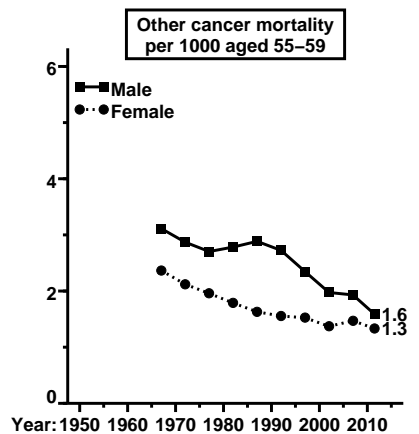
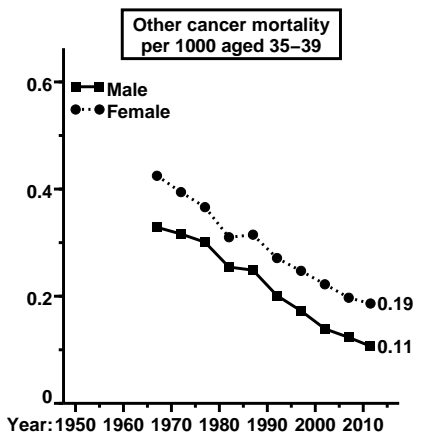
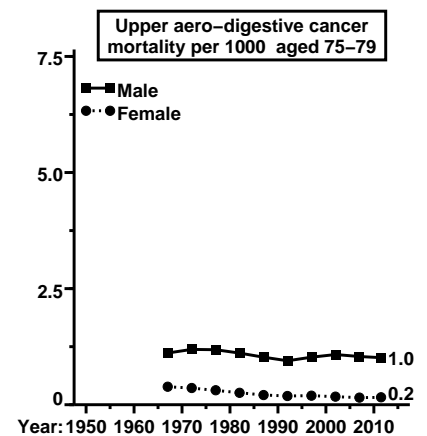
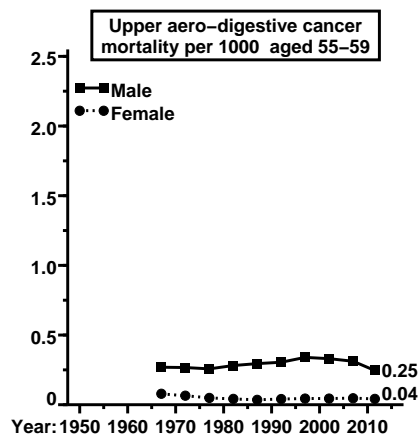
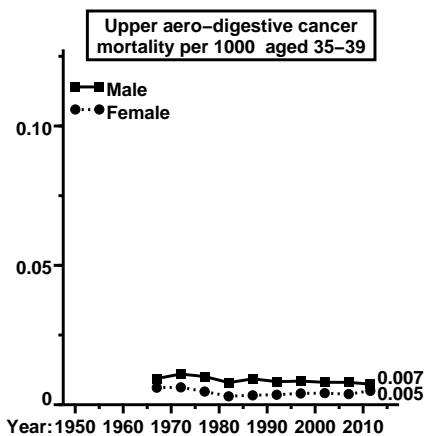
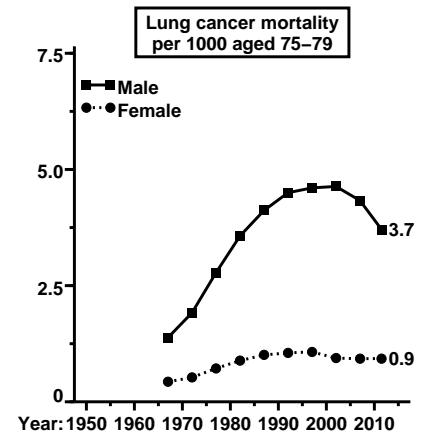
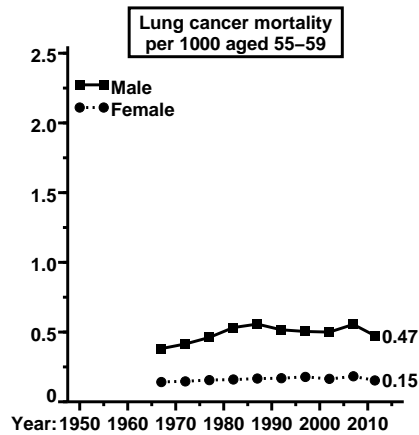
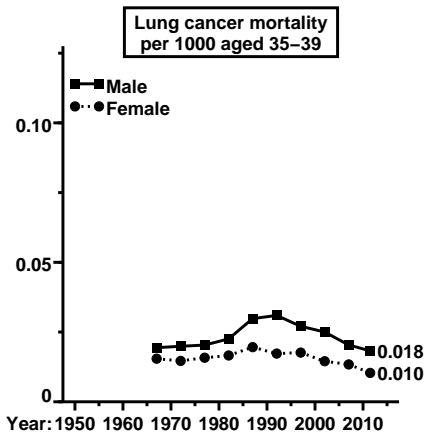
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.10	0.42	2.92	1.40	11.0	-	0.10	0.04	2.20	0.08	7.03	-	0.09	0.05	2.03	0.21	7.03
1970	-	0.09	0.51	2.72	2.04	11.1	-	0.09	0.06	1.87	0.37	6.78	-	0.08	0.07	1.72	0.55	6.59
1975	-	0.09	0.67	2.45	3.90	10.6	-	0.07	0.08	1.57	0.66	6.14	-	0.07	0.08	1.47	0.70	5.77
1980	-	0.07	0.78	2.35	4.81	9.89	-	0.06	0.08	1.43	0.70	5.53	-	0.05	0.08	1.37	0.63	5.32
1985	-	0.06	0.79	2.33	5.15	9.95	-	0.04	0.07	1.28	0.56	5.01	-	0.04	0.07	1.21	0.55	4.67
1990	-	0.05	0.70	2.16	5.12	9.96	-	0.04	0.07	1.21	0.55	4.67	-	0.04	0.07	1.14	0.55	4.36
1995	-	0.04	0.63	1.87	4.72	9.66	-	0.03	0.07	1.14	0.55	4.36	-	0.03	0.07	1.14	0.55	4.36
2000	-	0.04	0.60	1.65	3.97	8.91	-	0.03	0.07	1.14	0.55	4.36	-	0.03	0.07	1.14	0.55	4.36
2005	-	0.04	0.60	1.65	3.97	8.91	-	0.03	0.07	1.14	0.55	4.36	-	0.03	0.07	1.14	0.55	4.36
2010	-	0.03	0.58	1.46	3.32	8.22	-	0.03	0.07	1.14	0.55	4.36	-	0.03	0.07	1.14	0.55	4.36
2015	-	0.03	0.58	1.46	3.32	8.22	-	0.03	0.07	1.14	0.55	4.36	-	0.03	0.07	1.14	0.55	4.36

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

**JAPAN: 1965-2013**

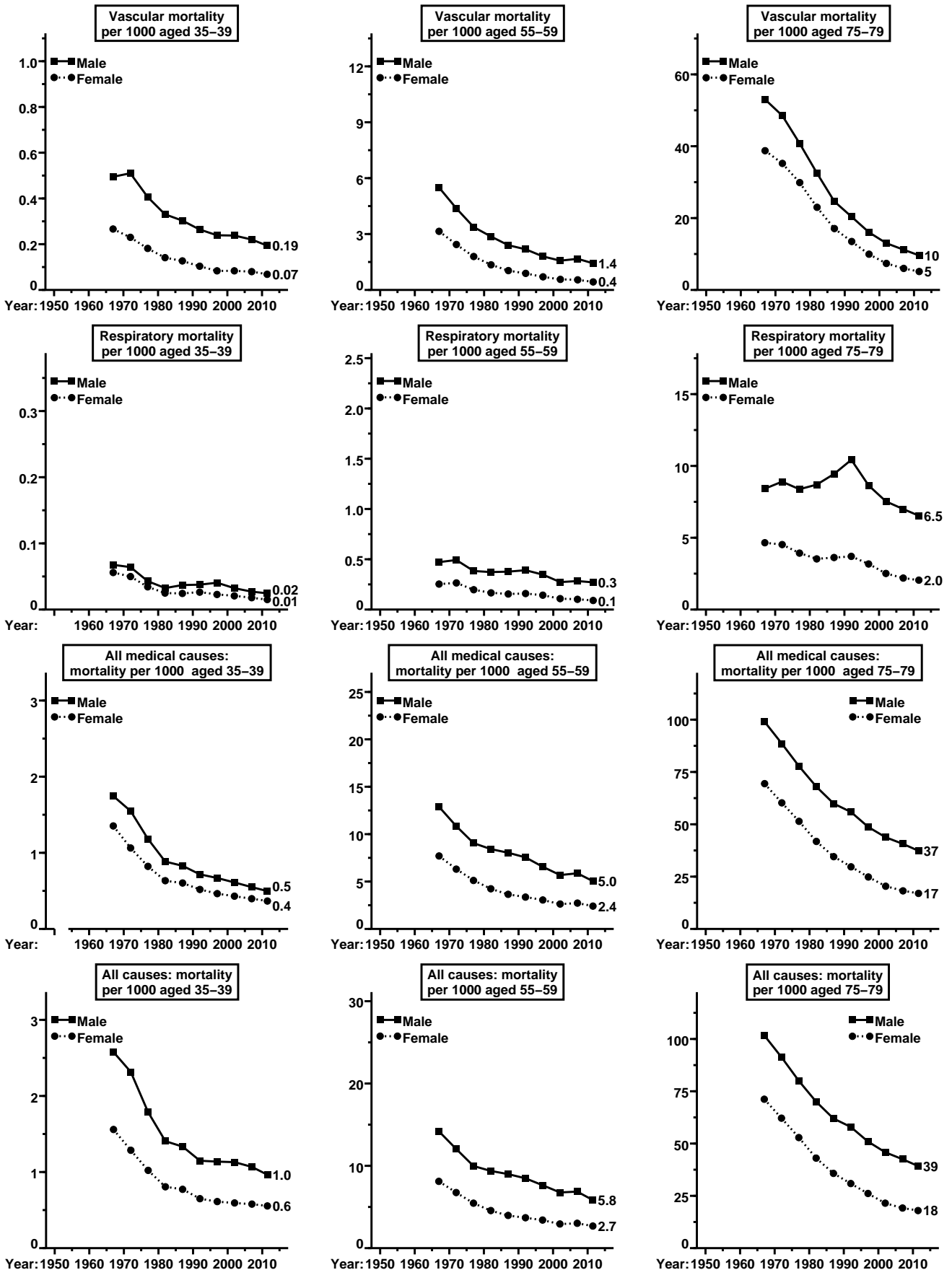
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

1965-2013: JAPAN

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## LATVIA: 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	14584	580	6867	1374.0	121.4	1816.8	131.9	32.4	27.8	79.5	150.8	176.7	250.5
	F	15489	223	3321	665.6	52.3	661.2	131.4	10.6	33.9	31.9	29.9	59.3	69.0
Tuberculosis	M	69	6	59	6.9	1.2	14.0	1.8	-	-	-	1.2	2.7	2.9
	F	16	2	8	1.1	0.5	1.5	1.9	-	-	-	-	-	1.5
Other infective and parasitic	M	87	22	54	8.6	4.6	12.2	7.2	-	-	1.5	2.5	9.3	11.7
	F	75	11	41	5.3	2.5	8.0	3.8	-	2.3	-	-	4.1	7.3
ALL CANCER	M	3206	43	1533	299.0	9.2	423.9	5.4	4.0	8.6	7.7	11.2	15.9	11.7
	F	2831	35	1136	147.3	7.6	225.1	5.6	-	6.8	6.4	6.5	19.3	8.8
Mouth and pharynx cancer	M	116	-	84	11.1	-	21.8	-	-	-	-	-	-	-
	F	33	-	14	1.6	-	2.8	-	-	-	-	-	-	-
Oesophagus cancer	M	117	-	77	11.1	-	21.0	-	-	-	-	-	-	-
	F	18	-	8	1.0	-	1.5	-	-	-	-	-	-	-
Stomach cancer	M	284	1	142	26.5	0.2	38.6	-	-	-	-	-	-	1.5
	F	214	2	76	10.8	0.4	15.0	-	-	-	-	-	1.4	1.5
Colorectal cancer	M	318	1	123	29.3	0.2	34.7	-	-	-	-	-	-	1.5
	F	362	1	114	17.0	0.2	22.7	-	-	-	-	1.3	-	-
Liver cancer	M	67	-	41	6.4	-	11.8	-	-	-	-	-	-	-
	F	51	-	15	2.2	-	3.0	-	-	-	-	-	-	-
Pancreas cancer	M	191	-	102	17.9	-	28.8	-	-	-	-	-	-	-
	F	193	-	66	8.9	-	13.6	-	-	-	-	-	-	-
Larynx cancer	M	83	-	55	7.8	-	15.3	-	-	-	-	-	-	-
	F	6	-	1	0.2	-	0.2	-	-	-	-	-	-	-
Lung cancer	M	817	3	442	76.2	0.6	123.0	-	-	-	-	1.2	2.7	-
	F	188	-	79	9.6	-	15.8	-	-	-	-	-	-	-
Malignant melanoma	M	40	2	20	3.8	0.4	5.3	-	-	-	-	-	1.3	1.5
	F	56	3	20	3.0	0.6	3.9	-	-	-	-	-	4.1	-
Female breast cancer	F	424	4	221	24.5	0.8	43.2	-	-	-	-	-	2.8	2.9
Cervix cancer	F	142	3	98	9.8	0.6	18.8	-	-	-	-	-	2.8	1.5
Other uterine cancer	F	137	-	69	7.4	-	13.9	-	-	-	-	-	-	-
Ovarian cancer	F	221	1	101	12.4	0.2	19.6	-	-	-	-	-	-	1.5
Prostate cancer	M	363	-	75	32.9	-	22.9	-	-	-	-	-	-	-
Bladder cancer	M	159	-	55	14.7	-	16.4	-	-	-	-	-	-	-
	F	41	-	5	1.5	-	1.0	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	470	25	233	44.4	5.3	61.6	5.4	2.0	2.1	7.7	6.2	8.0	5.8
	F	525	15	174	26.3	3.6	34.9	5.6	-	6.8	3.2	2.6	5.5	1.5
Hodgkin's disease	M	11	3	7	1.1	0.6	1.5	-	-	-	-	1.2	1.3	1.5
	F	6	2	2	0.5	0.4	0.4	-	-	-	-	-	2.8	-
Myeloma and non-Hodgkin lymphomas	M	94	2	46	8.7	0.4	12.9	-	-	-	-	1.2	1.3	-
	F	122	1	42	6.0	0.2	8.5	-	-	-	1.6	-	-	-
Leukaemia	M	76	6	31	7.2	1.6	8.3	-	2.0	6.4	-	1.2	1.3	-
	F	92	3	31	4.6	0.6	6.3	-	-	-	1.6	2.6	-	-
Diabetes	M	178	4	73	16.7	0.9	19.2	-	2.0	-	-	-	1.3	2.9
	F	360	-	75	14.9	-	15.3	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	7249	52	3050	675.3	10.4	836.3	-	-	-	3.1	8.7	14.6	46.6
	F	9030	8	1309	345.6	1.6	264.2	-	-	-	-	1.3	1.4	8.8
Rheumatic heart disease and fever	M	22	-	12	2.0	-	3.2	-	-	-	-	-	-	-
	F	36	-	13	1.8	-	2.6	-	-	-	-	-	-	-
Hypertensive disease	M	308	-	143	28.5	-	38.8	-	-	-	-	-	-	-
	F	507	-	97	20.2	-	19.7	-	-	-	-	-	-	-
Ischaemic heart disease	M	4022	11	1592	374.0	2.2	442.7	-	-	-	-	2.5	1.3	11.7
	F	4569	1	560	169.9	0.2	113.6	-	-	-	-	-	-	1.5
Pulmonary embolism and other venous	M	62	1	43	6.0	0.2	10.9	-	-	-	-	-	1.3	-
	F	60	-	27	3.3	-	5.3	-	-	-	-	-	-	-
Cerebrovascular disease	M	1767	7	633	163.3	1.5	180.2	-	-	-	-	-	-	10.2
	F	2893	2	356	108.1	0.4	72.0	-	-	-	-	1.3	-	1.5
Other vascular disease	M	1068	33	627	101.6	6.6	160.5	-	-	-	3.1	6.2	12.0	24.8
	F	965	5	256	42.2	1.0	51.0	-	-	-	-	-	1.4	5.9
Chronic obstructive pulmonary disease	M	217	2	80	19.8	0.6	23.7	-	2.0	2.1	-	-	-	-
	F	68	2	17	3.1	0.4	3.4	-	-	-	-	-	1.4	1.5
Other respiratory disease	M	251	14	160	24.2	2.9	40.3	3.6	-	-	-	1.2	4.0	11.7
	F	127	8	55	7.3	1.8	10.7	3.8	-	2.3	-	2.6	4.1	-
Peptic ulcer	M	67	-	30	6.3	-	7.7	-	-	-	-	-	-	-
	F	66	1	17	2.9	0.2	3.4	-	-	-	-	-	-	1.5
Liver cirrhosis	M	270	9	225	26.3	1.8	54.0	-	-	-	-	1.2	4.0	7.3
	F	145	2	124	10.8	0.4	24.1	-	-	-	-	-	-	2.9
Renal disease	M	78	-	23	7.3	-	6.5	-	-	-	-	-	-	-
	F	131	1	30	5.7	0.2	5.9	-	-	-	-	-	-	1.5
Pregnancy, birth	F	4	3	1	0.4	0.6	0.2	-	-	-	-	-	2.8	1.5
Congenital and perinatal causes	M	61	52	9	8.2	13.2	2.2	81.3	4.0	-	-	2.5	-	4.4
	F	61	49	9	8.0	13.0	1.8	82.6	-	2.3	3.2	-	2.8	-
Ill-defined causes	M	569	16	119	54.0	3.5	30.7	10.8	-	-	1.5	1.2	4.0	7.3
	F	1337	9	35	43.2	2.3	6.9	13.1	-	-	-	1.3	1.4	-
Other medical causes	M	655	37	348	62.3	7.8	87.8	5.4	2.0	4.3	4.6	8.7	10.6	18.9
	F	757	24	214	36.2	5.5	42.3	7.5	4.2	2.3	3.2	-	8.3	13.2
ALL NON-MEDICAL CAUSES	M	1627	323	1104	159.1	65.2	258.4	16.3	18.2	12.8	61.2	112.2	110.3	125.2
	F	481	68	250	33.6	15.6	48.4	13.1	6.4	18.1	19.1	18.2	13.8	20.6
Road traffic accidents	M	156	49	88	15.2	9.9	19.8	1.8	6.1	-	18.4	23.7	12.0	7.3
	F	67	22	37	6.0	5.2	7.0	1.9	-	11.3	11.2	6.5	5.5	-
Fire	M	116	12	84	11.5	2.7	19.9	1.8	4.0	-	3.1	-	4.0	5.8
	F	40	3	19	2.4	0.6	3.7	-	-	-	-	-	1.4	2.9
Suicide	M	375	92	238	36.4	17.9	54.8	-	-	-	10.7	33.6	35.9	45.1
	F	61	6	36	4.2	1.2	7.0	-	-	-	3.2	2.6	1.4	1.5
POPULATION:														
(1000s; UN, 2015 revision)			M=male		955.1	441.0	432.1	55.4	49.3	46.7	65.4	80.2	75.3	68.7
			F=female		1135.4	424.7	518.6	53.3	47.0	44.2	62.7	76.9	72.5	68.1

## 2010: LATVIA

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		
388.1	625.2	966.1	1413.1	2073.5	3068.5	4183.3	5836.5	8506.9	14267.5	M	ALL CAUSES 001-999/A00-Y89
159.2	211.4	299.9	466.7	753.0	1134.1	1604.1	2557.4	4363.0	11451.8	F	
1.4	7.3	18.0	17.0	20.6	26.6	7.1	2.6	8.5	4.9	M	Tuberculosis 010-018, 137/
1.4	1.4	2.5	1.2	2.7	1.4	-	1.4	1.9	5.9	F	A15-A19, B90
18.2	7.3	13.8	12.8	12.0	14.3	7.1	15.8	16.9	4.9	M	Other infective Rest of 001-139,279.5&.6/
6.9	8.2	6.2	4.9	8.1	8.7	13.3	9.9	7.5	17.6	F	and parasitic rest of A00-B99 excl A33,A34
29.4	58.2	121.6	288.0	542.4	805.6	1121.9	1588.4	2014.6	2697.3	M	ALL CANCER 140-208/C00-C97
56.3	68.6	108.7	181.6	279.8	395.9	484.6	680.9	800.4	1103.7	F	
1.4	4.4	12.4	24.1	25.8	53.3	30.9	47.3	33.9	29.5	M	Mouth and 140-149/C00-C14
-	-	-	1.2	5.4	7.2	5.9	5.7	7.5	16.1	F	pharynx cancer
-	1.4	5.5	15.6	41.2	30.8	52.3	57.8	42.3	39.3	M	Oesophagus cancer 150/C15
-	-	-	4.9	1.4	2.9	1.5	4.3	3.7	7.3	F	
5.6	8.7	13.8	28.4	44.6	71.7	97.5	128.7	203.2	216.2	M	Stomach cancer 151/C16
8.2	5.5	12.5	7.3	18.9	20.3	32.4	51.2	69.2	92.3	F	
1.4	1.4	8.3	22.7	39.5	69.7	99.8	178.5	228.5	353.7	M	Colorectal cancer 153, 154/C18-C21
-	-	6.2	19.5	36.5	40.6	56.0	100.9	112.2	170.0	F	
-	1.4	1.4	7.1	15.4	14.3	42.8	26.2	8.5	68.8	M	Liver cancer 155.0/C22 excl C221
-	-	1.2	1.2	4.1	4.3	10.3	11.4	9.3	33.7	F	
1.4	8.7	8.3	9.9	32.6	59.4	80.8	86.6	114.3	142.5	M	Pancreas cancer 157/C25
-	1.4	1.2	2.4	12.2	26.1	51.6	48.3	69.2	82.1	F	
-	-	1.4	12.8	24.0	28.7	40.4	44.6	25.4	24.6	M	Larynx cancer 161/C32
-	-	-	-	-	-	1.5	1.4	1.9	4.4	F	
2.8	8.7	26.3	83.7	180.2	235.7	323.3	425.3	478.2	476.6	M	Lung cancer 162/C33, C34
1.4	1.4	3.8	11.0	21.6	31.9	39.8	41.2	61.7	68.9	F	
1.4	-	1.4	2.8	8.6	18.4	4.8	13.1	21.2	39.3	M	Malignant melanoma 172/C43
1.4	1.4	1.2	3.7	9.5	2.9	7.4	19.9	9.3	20.5	F	
6.9	13.7	25.0	50.0	56.8	84.1	66.3	95.2	93.5	120.2	F	Female breast cancer 174/C50
20.6	11.0	18.7	24.4	23.0	20.3	13.3	11.4	20.6	32.2	F	Cervix cancer 180/C53
-	2.8	5.0	6.1	20.3	23.2	39.8	31.3	46.8	30.8	F	Other uterine cancer 179, 182/C54, C55
5.5	13.7	16.2	25.6	20.3	29.0	26.5	54.0	69.2	64.5	F	Ovarian cancer 183/C56, C570-C574
-	-	-	8.5	17.2	34.9	99.8	210.0	368.2	594.5	M	Prostate cancer 185/C61
-	-	1.4	5.7	13.7	34.9	59.4	73.5	131.2	221.1	M	Bladder cancer 188/C67
11.2	20.4	29.0	55.3	68.7	106.6	140.2	4.3	9.3	41.0	F	
8.2	13.7	13.7	18.3	32.4	68.2	89.9	183.8	283.6	368.5	M	Other and ill-defined Rest of 140-199/
1.4	-	5.5	-	1.7	2.0	-	139.3	138.4	240.4	F	cancer sites rest of C00-C80, C97
-	1.4	1.2	-	-	-	-	2.6	-	-	M	Hodgkin's disease 201/C81
-	-	-	-	-	-	-	1.4	1.9	-	F	
1.4	2.9	4.2	2.8	18.9	26.6	33.3	57.8	46.5	63.9	M	Myeloma and non- 200, 202-203/
2.8	-	1.2	2.4	10.8	18.9	23.6	39.8	37.4	45.4	F	Hodgkin lymphomas C82-C90, C96
1.4	-	2.8	8.5	10.3	18.4	16.6	52.5	29.6	59.0	M	Leukaemia 204-208/C91-C95
1.4	2.8	1.2	2.4	6.8	13.1	16.2	19.9	39.3	33.7	F	
4.2	2.9	11.1	15.6	22.3	45.1	33.3	76.1	114.3	221.1	M	Diabetes 250/E10-E14
2.8	1.4	1.2	6.1	13.5	30.5	51.6	92.4	119.7	228.7	F	
91.1	170.1	341.4	591.6	872.0	1523.0	2265.2	3216.2	4985.6	8568.3	M	ALL VASCULAR 390-459/I00-I99
23.3	50.8	80.0	130.4	266.3	494.6	804.3	1441.5	2853.8	7582.3	F	DISEASE
-	1.4	1.4	4.3	-	8.2	7.1	10.5	16.9	9.8	M	Rheumatic heart 390-398/I00-I09
-	2.8	1.2	1.2	2.7	4.3	5.9	14.2	7.5	13.2	F	disease and fever
2.8	8.7	15.2	31.2	41.2	79.9	92.7	173.3	207.4	245.7	M	Hypertensive disease 401-405/I10-I15
-	4.1	-	9.8	23.0	34.8	66.3	83.9	155.2	392.8	F	
23.8	66.9	143.8	310.7	472.0	822.0	1259.8	1835.2	2835.6	5158.7	M	Ischaemic heart 410-414/I20-I25
11.0	1.4	22.5	54.8	108.1	226.2	371.2	740.6	1490.5	3942.8	F	disease
1.4	4.4	11.1	7.1	20.6	10.2	21.4	13.1	29.6	29.5	M	Pulmonary embolism 415.1, 451-453/
1.4	5.5	6.2	3.7	5.4	7.2	7.4	11.4	16.8	23.4	F	and other venous 126, 180-182
9.8	27.6	58.0	92.2	168.2	311.6	594.2	834.9	1422.0	2323.9	M	Cerebrovascular 430-438/I60-I69
4.1	11.0	30.0	29.2	63.5	129.1	237.2	460.6	996.8	2459.5	F	disease
53.2	61.1	112.0	146.1	169.9	291.1	290.0	349.2	474.0	800.8	M	Other vascular Rest of 390-459/
6.9	26.1	20.0	31.7	63.5	92.8	116.4	130.8	187.0	750.5	F	disease rest of I00-I99
1.4	1.4	5.5	4.3	24.0	41.0	87.9	136.5	186.2	191.6	M	Chronic obstructive 490-496/
1.4	1.4	2.5	-	4.1	2.9	11.8	21.3	15.0	38.1	F	pulmonary disease J40-J47, J67
15.4	17.4	24.9	36.9	65.2	53.3	68.9	57.8	101.6	152.3	M	Other respiratory Rest of 460-519/
4.1	6.9	7.5	9.8	16.2	11.6	19.1	11.4	28.1	60.1	F	disease rest of J00-J98
-	1.4	6.9	8.5	6.9	18.4	11.9	31.5	38.1	78.6	M	Peptic ulcer 531-533/K25-K27
-	1.4	1.2	3.7	2.7	4.3	10.3	7.1	18.7	48.4	F	
21.0	37.8	55.3	65.3	63.5	63.5	71.3	44.6	59.2	24.6	M	Liver cirrhosis 571/K70, K74
8.2	20.6	13.7	30.5	32.4	30.5	32.4	14.2	13.1	2.9	F	
4.2	-	1.4	4.3	5.2	4.1	26.1	13.1	72.0	162.1	M	Renal disease 580-590/N00-N19
1.4	-	-	8.5	10.8	5.8	14.7	27.0	33.7	92.3	F	
-	1.4	-	-	-	-	-	-	-	-	M	Pregnancy, birth 630-676/A34, O00-O99
1.4	4.4	1.4	-	3.4	-	4.8	-	-	-	F	Congenital and 740-779/A33,
-	1.4	3.8	-	1.4	2.9	3.0	2.8	1.9	-	F	perinatal causes P00-P96, Q00-Q99
4.2	23.3	22.1	19.9	36.0	45.1	64.2	173.3	338.6	1415.0	M	Ill-defined causes 780-799/R00-R99
2.8	1.4	3.8	6.1	8.1	15.9	10.3	64.0	192.6	1678.3	F	
32.2	53.8	60.8	76.6	96.1	147.6	147.4	215.3	368.2	496.2	M	Other medical causes Rest of 001-799/
15.1	13.7	22.5	39.0	40.5	72.5	92.8	126.5	213.2	463.2	F	rest of A00-R99
163.9	239.9	282.0	272.4	303.8	280.8	266.2	265.2	203.2	250.6	M	ALL NON- E800-E999/V01-Y89
35.7	33.0	46.2	45.1	66.2	56.6	56.0	56.9	63.6	130.4	F	MEDICAL CAUSES
23.8	16.0	22.1	27.0	18.9	16.4	14.3	36.8	4.2	19.6	M	Road traffic E810-E819, E826-E829/
5.5	6.9	13.7	6.1	6.8	5.8	4.4	8.5	-	2.9	F	accidents part of V01-V99, Y850
2.8	21.8	18.0	25.5	27.5	22.6	21.4	18.4	29.6	29.5	M	Fire E890-E899/X00-X09
2.8	-	3.8	3.7	6.8	2.9	5.9	1.4	7.5	19.1	F	
53.2	53.8	63.6	45.4	63.5	61.5	42.8	52.5	38.1	78.6	M	Suicide E950-E959/X60-X84
4.1	6.9	3.8	6.1	12.2	5.8	10.3	12.8	7.5	8.8	F	
71.4	68.8	72.3	70.5	58.3	48.8	42.1	38.1	23.6	20.4	M	POPULATION
72.9	72.8	80.0	82.1	74.0	69.0	67.9	70.3	53.5	68.2	F	(1000s; UN, 2015 revision)

## LATVIA: 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	– / 0.7	– / 0.2	–
35–69	2.5 / 6.8	0.2 / 3.3	20 years
70+	1.6 / 7.0	0.3 / 12	8 years
All ages	4.1 / 14	0.5 / 15	15 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	–/2	417/449	330/364	747/815	–/0	36/81	36/102	72/183
All Cancer	–/37	711/1554 (46%)	532/1605 (33%)	1243/3196	–/28	46/1100 (4%)	47/1618 (3%)	93/2746
Vascular	–/65	1404/3003	880/4072	2284/7140	–/15	130/1275	181/7740	311/9030
Respiratory	–/17	149/250	113/214	262/481	–/8	12/80	12/123	24/211
All Other	–/532	239/2014	103/1092	342/3638	–/177	21/807	25/2296	46/3280
All Causes	–/654	2503/6819 (37%)	1628/6983 (23%)	4131/14456	–/232	209/3260 (6%)	265/11778 (2%)	474/15270

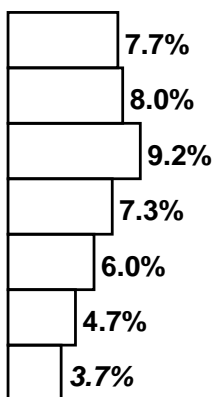
Cancer deaths, and all deaths,  
attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	1.2 / 3.2 (39%)	0.1 / 2.7 (3%)	1.3 / 5.9 (22%)
All Causes	4.1 / 14 (29%)	0.5 / 15 (3%)	4.6 / 30 (15%)



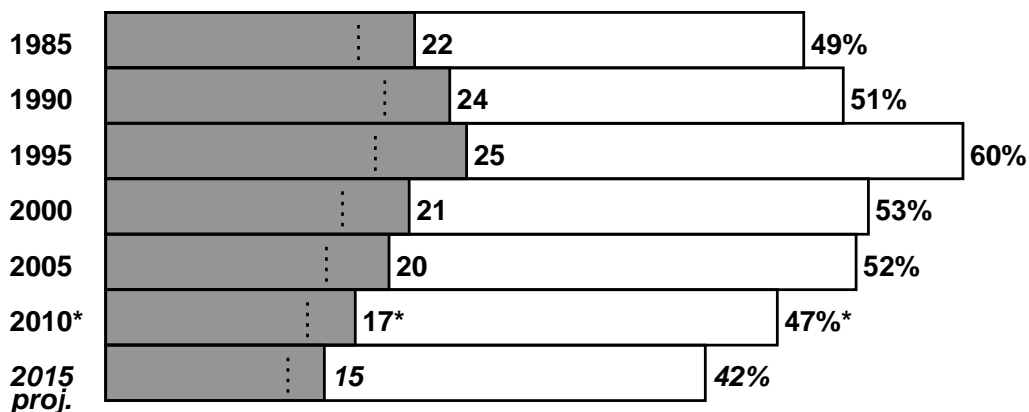
1985-2015: LATVIA

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

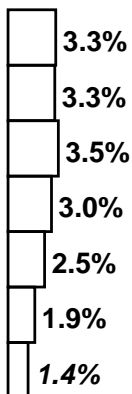
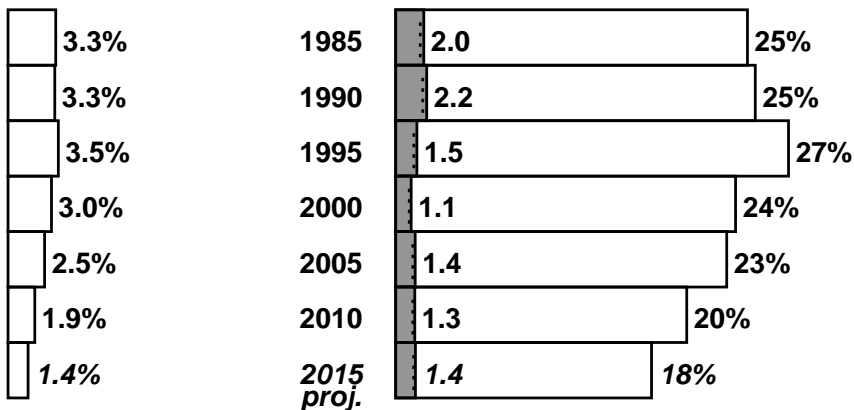


\*eg, at year 2010 male death rates, out of 100 men aged 35, 47 would die before age 70 (with 17 of these deaths attributed to smoking)

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: For smoking-attributed mortality (pages 270–277), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## LATVIA: 1980-2015

*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	– / 0.5	– / 0.2	–
35–69	2.1 / 5.6	0.2 / 2.7	21 years
70+	1.5 / 7.0	0.2 / 11	8 years
All ages	3.6 / 13	0.4 / 14	15 years

## Numbers of deaths attributed to smoking / total deaths

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1985	–/1529	3144/7018 (45%)	1355/6931 (20%)	4499/15478	–/634	327/4210 (8%)	402/12354 (3%)	729/17198
1995	–/1643	4689/11282 (42%)	1431/6517 (22%)	6120/19442	–/569	282/5325 (5%)	414/12219 (3%)	696/18113
2005	–/892	3178/8571 (37%)	1725/6827 (25%)	4903/16290	–/332	237/4043 (6%)	410/12022 (3%)	647/16397
2015 proj.	–/473	2060/5648 (36%)	1532/7045 (22%)	3592/13166	–/156	204/2663 (8%)	173/11292 (2%)	377/14111

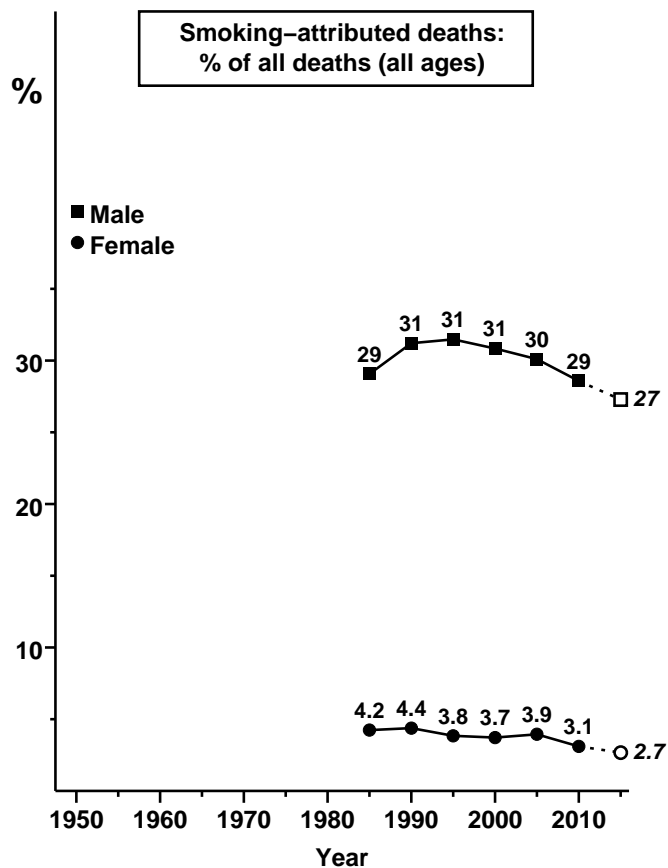
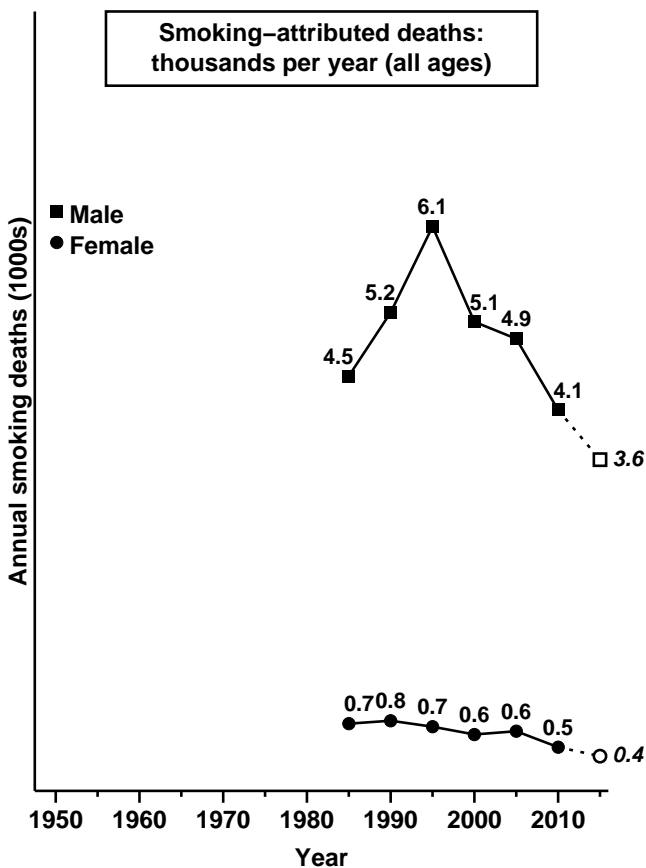
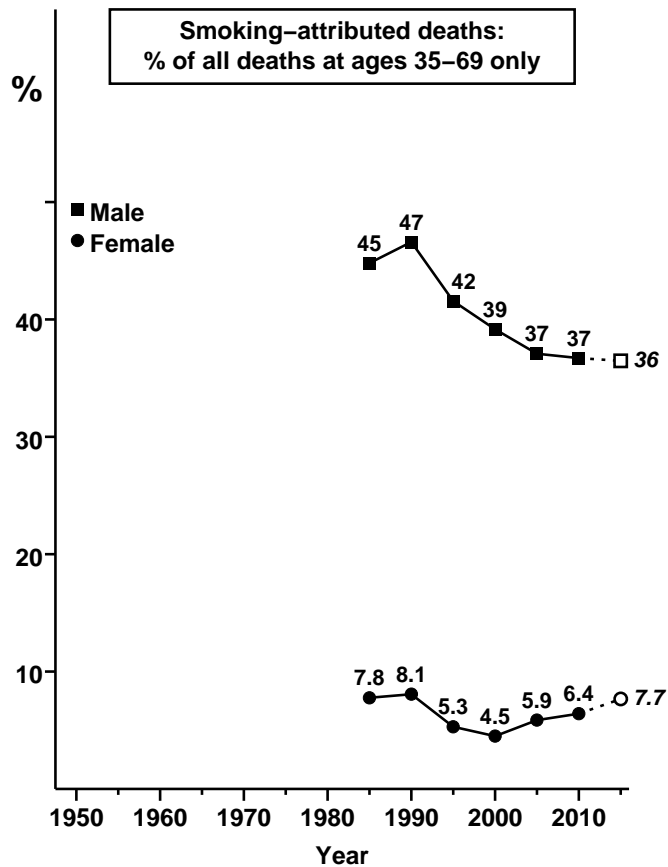
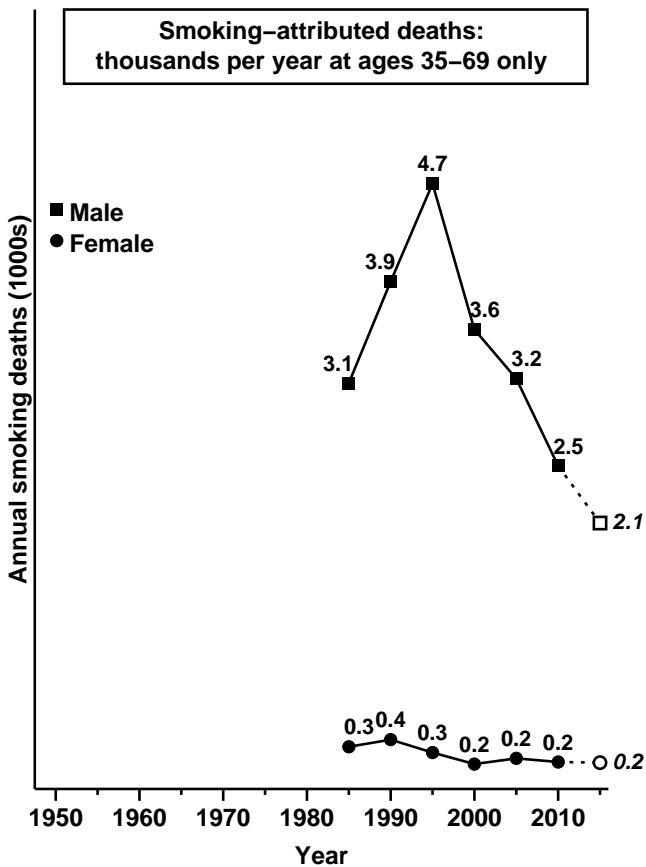
**40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 216 / 1302**

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

**1980–2020, by age & sex:**

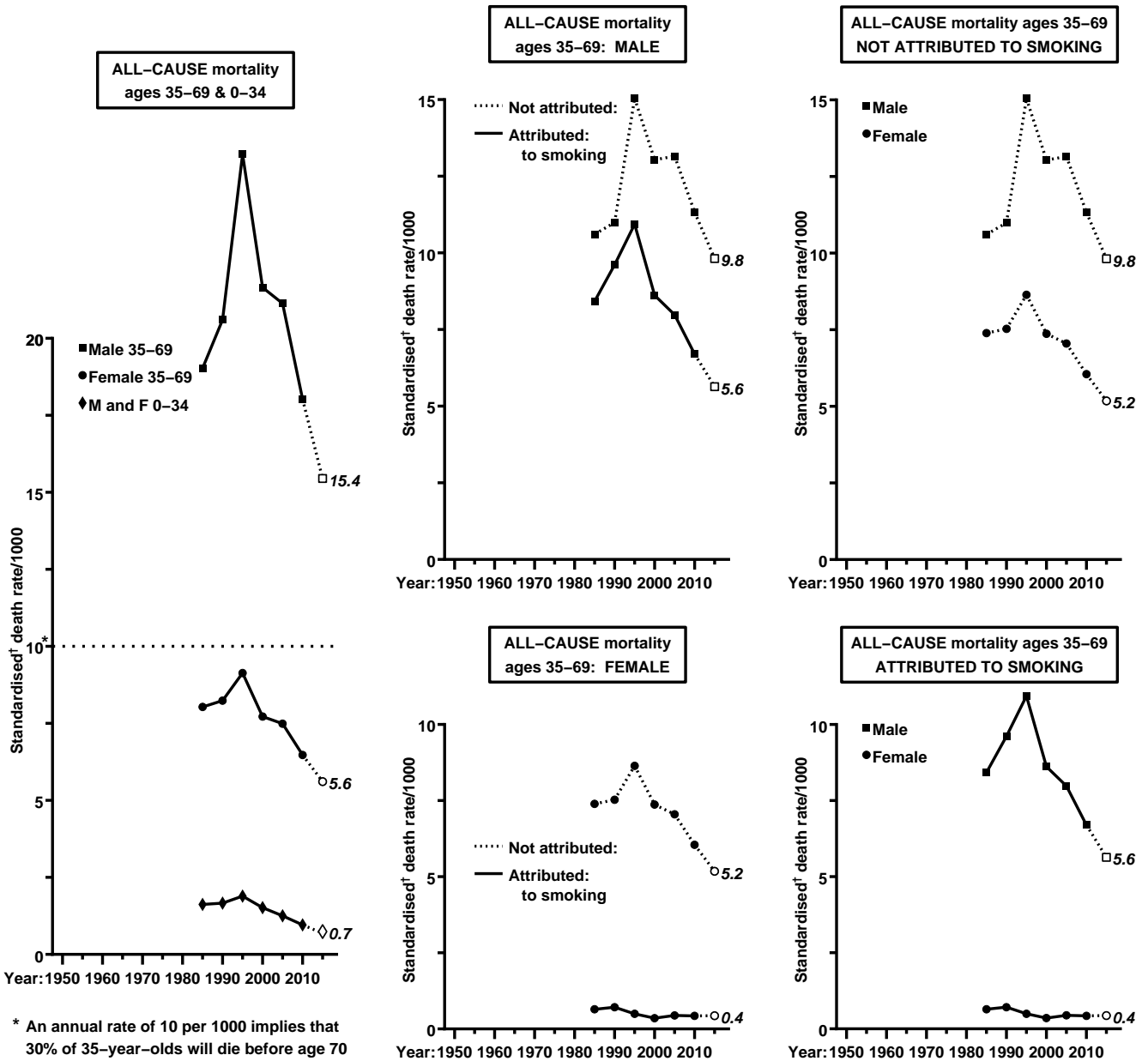
–/45	131/325 (40%)	60/273 (22%)	191/644	–/17	11/162 (6%)	14/479 (3%)	24/658
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1985-2015: LATVIA



**LATVIA: 1985-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



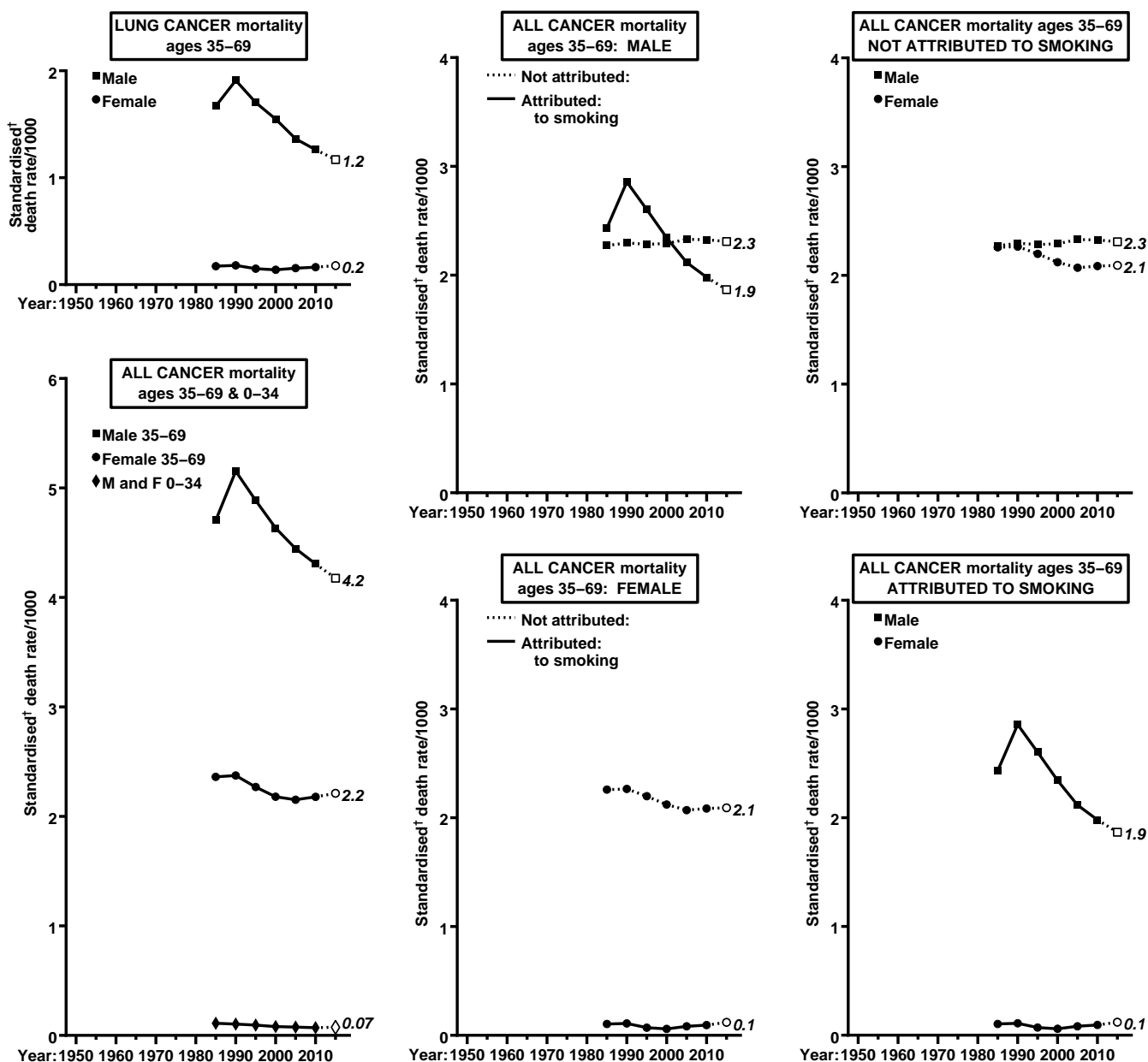
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	2.27	8.42	10.6	17.9	63.2	-	0.97	0.64	7.39	2.07	47.8
1990	-	2.38	9.61	11.0	18.2	60.0	-	0.95	0.71	7.53	2.05	45.6
1995	-	2.76	10.9	15.0	21.5	63.9	-	1.02	0.49	8.64	2.14	45.5
2000	-	2.15	8.61	13.0	20.3	56.2	-	0.88	0.35	7.37	1.87	41.1
2005	-	1.76	7.98	13.2	21.0	55.2	-	0.74	0.44	7.05	1.69	38.7
2010	-	1.37	6.70	11.3	17.7	51.2	-	0.54	0.43	6.05	0.88	33.6
2015	-	1.08	5.63	9.81	15.1	47.3	-	0.40	0.43	5.17	0.42	29.0

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

ALL CANCER mortality rates attributed and not attributed to smoking



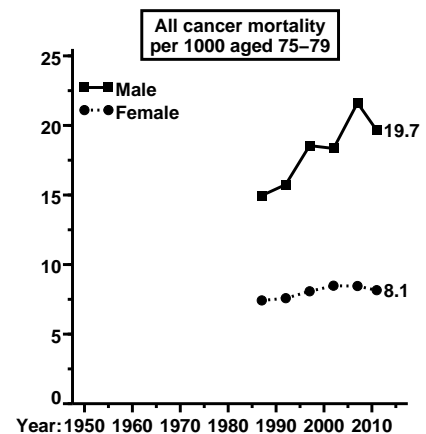
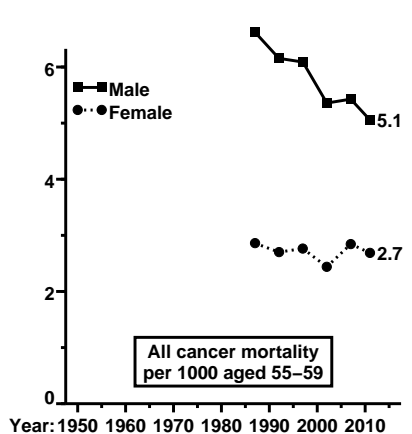
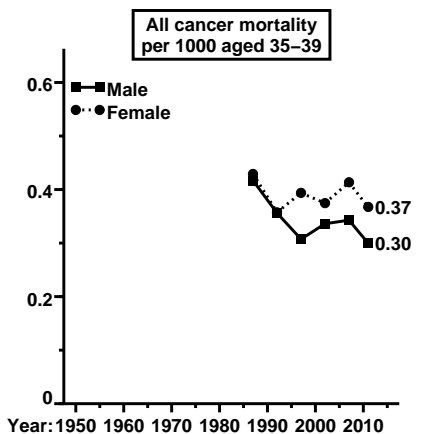
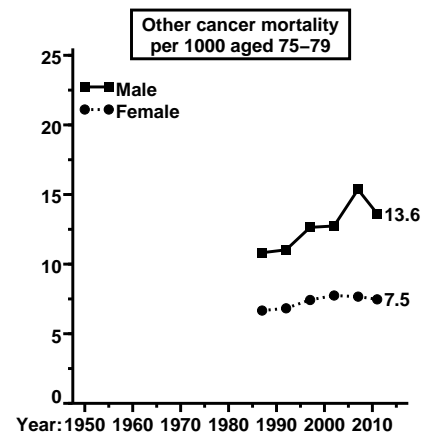
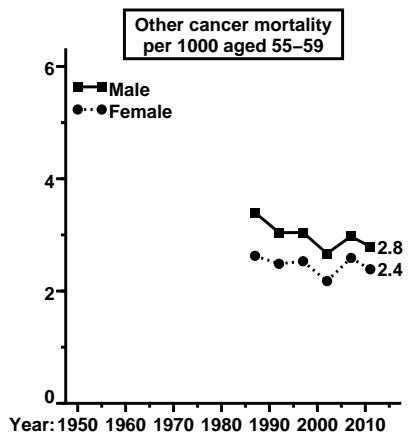
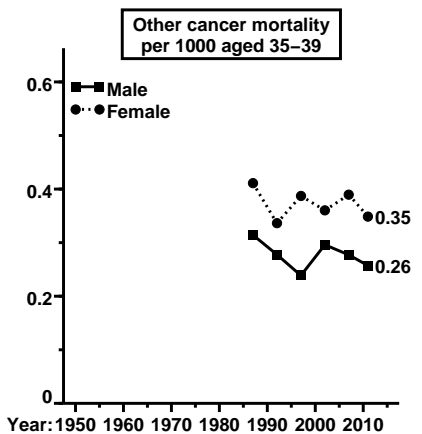
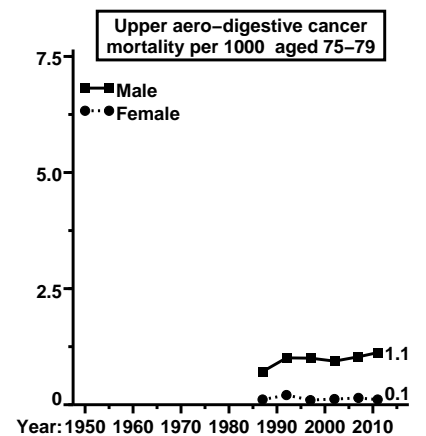
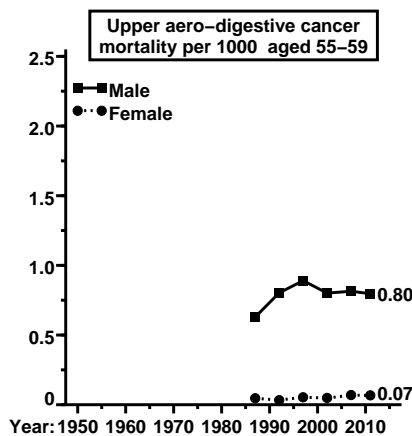
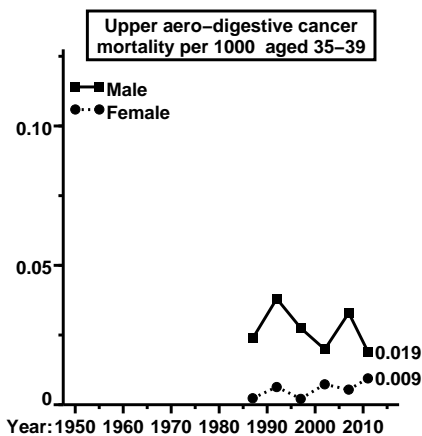
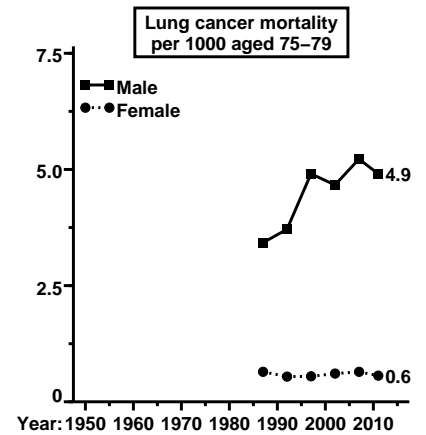
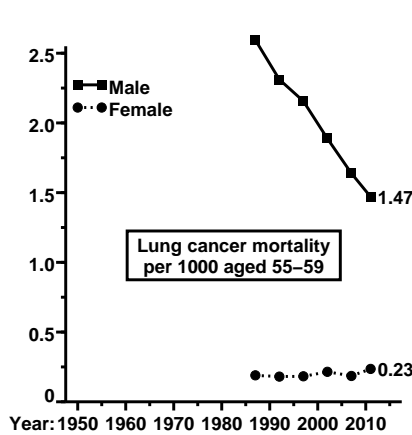
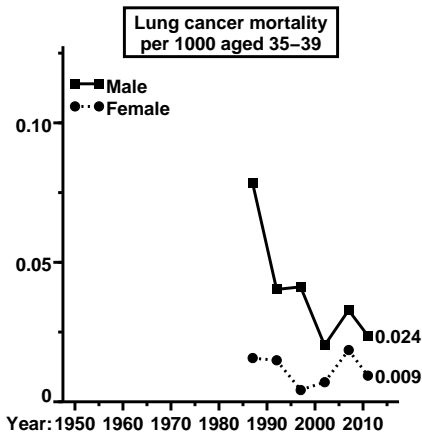
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.12	2.43	2.27	4.77	9.39	-	0.10	0.10	2.26	0.29	6.38
1990	-	0.11	2.86	2.30	5.19	10.1	-	0.10	0.11	2.26	0.30	6.59
1995	-	0.10	2.60	2.28	6.11	10.3	-	0.09	0.07	2.20	0.32	6.90
2000	-	0.09	2.34	2.29	6.59	10.8	-	0.07	0.06	2.12	0.33	7.24
2005	-	0.09	2.12	2.33	7.16	11.5	-	0.06	0.08	2.07	0.32	7.23
2010	-	0.08	1.98	2.33	6.45	11.6	-	0.06	0.09	2.08	0.21	7.06
2015	-	0.07	1.87	2.31	5.91	11.6	-	0.07	0.12	2.09	0.12	6.87

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

**LATVIA: 1985-2012**

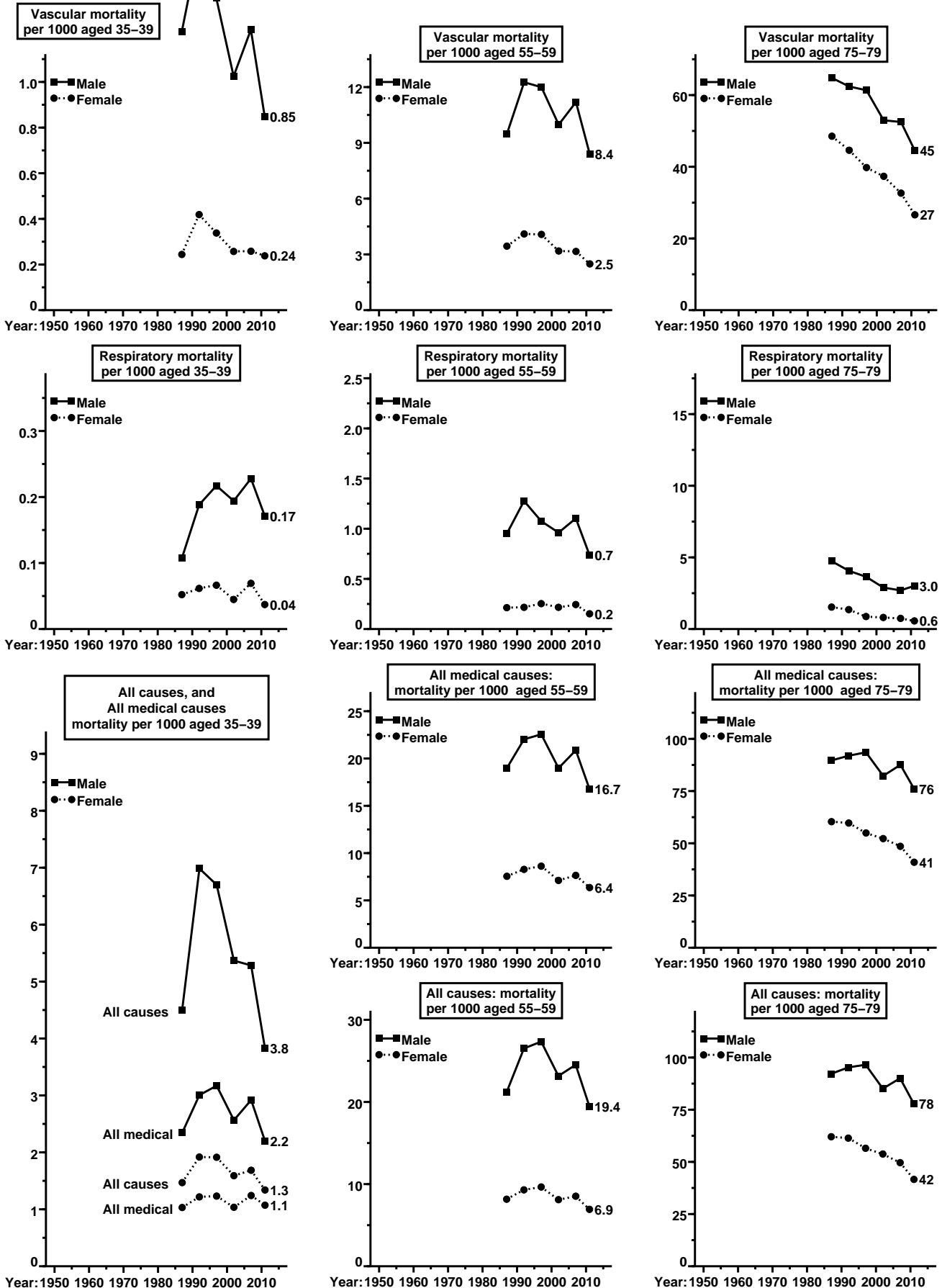
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1985–89,.....,2005–09; then 3–year average 2010–12

1985-2012: LATVIA

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



\* Annual mortality per 1000: averages of years available in 1985-89, ..., 2005-09; then 3-year average 2010-12

## LITHUANIA: 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	21536	1021	10244	1353.0	145.1	1855.3	139.3	16.6	24.7	103.7	180.6	204.4	346.4
	F	20584	316	4307	619.6	49.6	605.6	116.5	14.6	13.1	23.5	36.2	58.0	85.0
Tuberculosis	M	181	12	141	11.9	1.7	22.7	-	-	-	-	-	3.9	8.1
	F	41	2	29	2.0	0.3	3.7	-	-	-	-	-	1.0	1.0
Other infective and parasitic	M	135	18	68	8.8	2.8	11.8	5.3	-	-	0.9	-	2.9	10.2
	F	124	7	41	4.7	1.2	5.7	4.2	-	1.2	-	-	2.0	1.0
ALL CANCER	M	4572	51	2243	286.6	7.3	436.4	5.3	2.8	5.6	6.9	6.9	9.6	14.2
	F	3538	42	1406	129.1	6.2	197.1	5.5	2.9	-	2.7	1.8	14.8	16.0
Mouth and pharynx cancer	M	227	2	185	15.2	0.3	34.1	-	-	-	-	-	-	2.0
	F	48	-	24	1.9	-	3.3	-	-	-	-	-	-	-
Oesophagus cancer	M	143	-	108	9.4	-	20.2	-	-	-	-	-	-	-
	F	20	-	10	0.8	-	1.4	-	-	-	-	-	-	-
Stomach cancer	M	411	3	211	25.8	0.4	40.3	-	-	-	-	-	-	3.0
	F	270	3	92	9.2	0.4	13.0	-	-	-	-	-	1.0	2.0
Colorectal cancer	M	480	-	173	29.1	-	35.0	-	-	-	-	-	-	-
	F	473	-	132	15.2	-	19.2	-	-	-	-	-	-	-
Liver cancer	M	97	1	52	6.1	0.1	9.8	-	-	-	-	-	-	1.0
	F	59	1	16	1.9	0.1	2.3	-	-	-	-	-	-	1.0
Pancreas cancer	M	225	-	142	14.5	-	26.9	-	-	-	-	-	-	-
	F	221	-	57	6.9	-	8.2	-	-	-	-	-	-	-
Larynx cancer	M	126	-	75	8.1	-	13.9	-	-	-	-	-	-	-
	F	5	-	2	0.2	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	1115	3	606	70.6	0.4	121.7	-	-	-	-	-	1.0	2.0
	F	187	1	88	7.0	0.1	12.5	-	-	-	-	0.9	-	-
Malignant melanoma	M	62	1	36	3.9	0.1	6.4	-	-	-	-	-	-	1.0
	F	59	2	17	2.1	0.3	2.3	-	-	-	-	-	2.0	-
Female breast cancer	F	576	4	298	23.1	0.6	41.5	-	-	-	-	-	1.0	3.0
Cervix cancer	F	243	6	156	11.1	0.9	20.2	-	-	-	-	-	-	6.0
Other uterine cancer	F	144	-	56	5.1	-	8.2	-	-	-	-	-	-	-
Ovarian cancer	F	290	2	142	11.5	0.3	19.6	-	-	-	0.9	-	-	1.0
Prostate cancer	M	577	-	143	34.4	-	30.7	-	-	-	-	-	-	-
Bladder cancer	M	194	-	64	11.8	-	12.9	-	-	-	-	-	-	-
	F	54	-	8	1.4	-	1.2	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	643	25	335	40.8	3.5	63.2	1.3	1.4	3.4	3.5	5.2	5.8	4.1
	F	620	16	228	22.5	2.4	32.2	2.8	1.5	-	1.8	0.9	7.9	2.0
Hodgkin's disease	M	9	1	6	0.6	0.1	1.0	-	-	-	-	-	-	1.0
	F	6	1	-	0.2	0.1	-	-	-	-	-	-	1.0	-
Myeloma and non-Hodgkin lymphomas	M	127	4	56	7.9	0.6	10.5	1.3	-	1.1	0.9	-	1.0	-
	F	134	1	38	4.4	0.1	5.7	-	-	-	-	-	1.0	-
Leukaemia	M	136	11	51	8.4	1.6	9.8	2.6	1.4	1.1	2.6	1.7	1.9	-
	F	129	5	42	4.7	0.9	6.0	2.8	1.5	-	-	-	1.0	1.0
Diabetes	M	117	3	67	7.5	0.4	12.4	-	-	-	0.9	-	1.9	-
	F	160	1	46	5.2	0.1	6.8	-	-	-	0.9	-	-	-
ALL VASCULAR DISEASE	M	10130	86	3721	620.3	12.2	713.2	4.0	1.4	2.2	5.2	8.6	24.1	39.6
	F	13497	25	1484	347.1	3.6	216.6	1.4	1.5	-	2.7	1.8	6.9	11.0
Rheumatic heart disease and fever	M	49	2	26	3.0	0.3	4.5	-	-	-	-	-	-	2.0
	F	76	-	27	2.6	-	4.0	-	-	-	-	-	-	-
Hypertensive disease	M	244	6	133	15.5	0.8	24.9	-	-	-	-	0.9	1.9	3.0
	F	332	-	72	9.7	-	10.7	-	-	-	-	-	-	-
Ischaemic heart disease	M	6555	23	2238	399.8	3.2	435.6	-	-	-	-	1.7	7.7	13.2
	F	8557	8	767	212.9	1.1	113.4	-	-	-	-	0.9	3.9	3.0
Pulmonary embolism and other venous	M	138	-	69	8.7	-	13.6	-	-	-	-	-	-	-
	F	156	1	54	5.3	0.1	7.5	-	-	-	-	-	1.0	-
Cerebrovascular disease	M	2097	12	630	126.3	1.7	125.1	-	-	1.1	1.7	-	4.8	4.1
	F	3662	4	403	95.1	0.6	58.5	-	-	-	-	0.9	-	3.0
Other vascular disease	M	1047	43	625	66.9	6.1	109.6	4.0	1.4	1.1	3.5	6.0	9.6	17.3
	F	714	12	161	21.5	1.8	22.5	1.4	1.5	-	2.7	-	2.0	5.0
Chronic obstructive pulmonary disease	M	568	3	156	34.1	0.4	31.5	-	-	-	-	-	1.0	2.0
	F	223	1	37	6.4	0.1	5.2	-	-	-	-	-	-	1.0
Other respiratory disease	M	327	7	193	20.7	1.0	32.5	1.3	-	-	-	1.7	1.0	3.0
	F	162	5	54	5.7	0.7	7.5	-	-	1.2	-	1.8	-	2.0
Peptic ulcer	M	138	-	93	8.9	-	17.0	-	-	-	-	-	-	-
	F	130	-	34	4.0	-	4.7	-	-	-	-	-	-	-
Liver cirrhosis	M	646	26	557	43.1	3.7	91.2	-	-	-	-	0.9	4.8	20.3
	F	321	11	250	16.2	1.6	33.7	-	-	-	-	-	-	11.0
Renal disease	M	85	2	35	5.3	0.3	6.6	-	-	-	-	-	-	2.0
	F	147	1	27	4.3	0.1	3.9	-	-	-	-	-	-	1.0
Pregnancy, birth	F	2	1	1	0.1	0.1	0.1	-	-	-	-	-	-	1.0
Congenital and perinatal causes	M	89	80	8	8.6	14.5	1.2	87.5	2.8	-	2.6	1.7	2.9	4.1
	F	78	64	14	7.6	12.3	1.8	76.3	4.4	-	1.8	2.6	1.0	-
Ill-defined causes	M	373	64	250	24.8	9.3	39.5	11.9	1.4	-	1.7	9.5	15.4	25.4
	F	177	19	59	7.0	2.8	7.8	4.2	-	-	-	4.4	3.9	7.0
Other medical causes	M	1050	53	548	66.1	7.4	94.6	4.0	1.4	5.6	9.5	11.2	5.8	14.2
	F	1064	28	301	35.8	4.3	41.8	8.3	1.5	2.4	4.5	1.8	3.9	8.0
ALL NON-MEDICAL CAUSES	M	3125	616	2164	206.3	84.1	344.7	19.9	6.9	11.2	76.0	140.0	131.1	203.2
	F	920	109	524	44.3	16.0	69.3	16.6	4.4	8.3	10.8	22.1	23.6	26.0
Road traffic accidents	M	243	89	134	16.0	11.9	21.9	1.3	1.4	4.5	21.6	22.5	14.5	17.3
	F	81	18	35	3.9	2.6	4.9	1.4	1.5	-	3.6	3.5	4.9	3.0
Fire	M	69	2	58	4.6	0.3	9.1	-	-	-	-	-	-	1.0
	F	24	4	13	1.2	0.6	1.8	-	-	-	-	0.9	1.0	2.0
Suicide	M	829	204	541	54.2	27.2	83.5	-	-	1.1	20.7	59.6	47.2	62.0
	F	189	26	111	9.3	3.5	14.4	-	-	1.2	6.3	6.2	2.0	9.0
POPULATION:														
(1000s; UN, 2015 revision)			M=male		1440.0	670.1	644.0	75.4	72.1	89.0	115.7	115.7	103.7	98.4
			F=female		1682.8	650.2	763.2	72.1	68.5	84.1	110.7	113.2	101.6	100.0



## 2010: LITHUANIA

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			
502.7	709.7	958.5	1417.9	2198.7	3152.0	4048.0	5121.0	7190.4	14022.5	M	ALL CAUSES	001-999/A00-Y89
112.7	191.4	338.1	461.4	733.5	1002.5	1399.3	2160.7	3947.5	11148.2	F		
13.3	18.8	21.4	20.7	30.1	32.9	21.9	20.7	20.6	26.5	M	Tuberculosis	010-018, 137/
0.9	2.6	5.5	5.7	4.9	4.3	2.2	3.2	5.0	3.1	F		A15-A19, B90
8.6	5.6	6.8	10.4	9.6	16.5	25.3	30.1	36.0	56.0	M	Other infective	Rest of 001-139,279.5&6/
0.9	1.8	1.6	6.5	9.7	8.7	10.9	19.3	29.1	36.0	F	and parasitic	rest of A00-B99 excl A33,A34
29.5	54.4	137.7	261.0	531.9	853.1	1187.4	1505.4	1784.8	2314.0	M	ALL CANCER	140-208/C00-C97
33.4	49.0	118.4	159.5	258.8	314.6	445.7	545.0	751.9	1016.7	F		
1.9	4.7	12.0	29.2	63.8	62.9	64.1	41.5	30.9	17.7	M	Mouth and	140-149/C00-C14
-	0.9	1.6	4.1	6.8	6.5	3.3	6.4	8.8	11.3	F	pharynx cancer	
1.9	2.8	6.8	17.0	28.9	40.4	43.9	39.6	25.7	11.8	M	Oesophagus cancer	150/C15
-	-	1.6	-	1.9	1.1	5.5	3.2	3.8	4.1	F		
2.9	9.4	19.7	19.8	43.3	92.8	94.5	122.5	159.4	206.3	M	Stomach cancer	151/C16
2.7	1.8	9.3	8.1	14.6	16.3	38.1	37.5	60.6	94.8	F		
3.8	2.8	4.3	18.8	38.5	55.4	121.4	190.3	272.6	294.8	M	Colorectal cancer	153, 154/C18-C21
1.8	0.9	4.7	8.9	28.2	43.4	46.9	68.7	137.7	173.1	F		
-	2.8	2.6	8.5	15.6	13.5	25.3	37.7	33.4	32.4	M	Liver cancer	155.0/C22 excl C221
-	0.9	0.8	2.4	1.9	2.2	7.6	11.8	11.4	22.7	F		
1.9	6.6	8.6	17.9	39.7	47.9	65.8	62.2	61.7	76.6	M	Pancreas cancer	157/C25
-	-	4.7	4.9	8.8	10.8	28.3	40.8	50.5	88.6	F		
0.9	1.9	5.1	11.3	24.1	26.9	27.0	54.6	36.0	23.6	M	Larynx cancer	161/C32
-	-	-	0.8	-	1.1	-	1.1	1.3	1.0	F		
3.8	7.5	29.9	62.2	124.0	264.9	359.3	407.0	414.0	380.3	M	Lung cancer	162/C33, C34
0.9	1.8	6.2	9.8	16.5	23.9	28.3	19.3	37.9	51.5	F		
1.9	3.8	4.3	3.8	7.2	12.0	11.8	20.7	12.9	26.5	M	Malignant melanoma	172/C43
1.8	-	3.1	1.6	1.9	3.2	4.4	9.7	22.8	13.4	F		
10.8	7.0	23.4	42.3	51.6	68.3	87.2	90.1	99.8	114.3	F	Female breast cancer	174/C50
7.2	13.1	28.8	26.9	25.3	18.4	21.8	19.3	31.6	39.1	F	Cervix cancer	180/C53
-	-	3.1	4.1	8.8	15.2	26.2	33.3	22.8	40.2	F	Other uterine cancer	179, 182/C54, C55
1.8	11.4	9.3	17.9	35.0	27.1	34.9	50.4	45.5	64.9	F	Ovarian cancer	183/C56, C570-C574
-	-	4.3	7.5	19.3	64.4	119.8	209.1	306.0	601.3	M	Prostate cancer	185/C61
-	-	6.0	3.8	14.4	22.4	43.9	56.5	92.6	188.7	M	Bladder cancer	188/C67
-	-	-	0.8	1.9	2.2	3.3	2.1	16.4	31.9	F		
9.5	8.4	21.4	49.0	84.2	118.2	151.8	175.2	221.2	306.6	M	Other and ill-defined	Rest of 140-199/
4.5	9.6	16.4	23.6	41.8	47.7	81.7	100.8	131.4	183.3	F	cancer sites	rest of C00-C80, C97
-	0.9	0.9	0.9	1.2	1.5	1.7	-	5.1	-	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	-	1.1	2.5	2.1	F		
0.9	1.9	5.1	4.7	19.3	16.5	25.3	49.0	61.7	50.1	M	Myeloma and non-	200, 202-203/
-	0.9	0.8	0.8	6.8	15.2	15.3	27.9	36.6	41.2	F	Hodgkin lymphomas	C82-C90, C96
-	0.9	6.8	6.6	8.4	13.5	32.0	39.6	51.4	97.3	M	Leukaemia	204-208/C91-C95
1.8	0.9	4.7	2.4	6.8	11.9	13.1	21.5	30.3	39.1	F		
1.9	-	9.4	6.6	18.1	22.4	28.7	26.4	30.9	61.9	M	Diabetes	250/E10-E14
-	0.9	3.1	-	6.8	13.0	24.0	36.5	39.2	49.4	F		
77.1	159.4	256.5	456.9	790.7	1329.1	1922.8	2624.5	4222.7	9692.2	M	ALL VASCULAR	390-459/I00-I99
10.8	35.8	54.5	118.8	218.9	407.9	669.2	1214.5	2589.2	9071.6	F	DISEASE	
0.9	1.9	3.4	3.8	8.4	4.5	8.4	15.1	25.7	8.8	M	Rheumatic heart	390-398/I00-I09
-	0.9	1.6	0.8	2.9	5.4	16.4	15.0	24.0	16.5	F	disease and fever	
1.9	2.8	12.0	17.9	34.9	52.4	52.3	65.9	66.9	129.7	M	Hypertensive disease	401-405/I10-I15
0.9	0.9	2.3	1.6	12.7	22.8	33.8	36.5	68.2	177.2	F		
27.6	77.8	135.9	269.4	466.9	862.1	1209.3	1680.6	2746.6	6880.1	M	Ischaemic heart	410-414/I20-I25
3.6	9.6	17.1	52.1	113.8	224.6	372.7	714.5	1513.8	6095.8	F	disease	
2.9	2.8	2.6	5.7	14.4	31.4	35.4	43.3	61.7	64.8	M	Pulmonary embolism	415.1, 451-453/
1.8	1.8	3.9	8.9	7.8	8.7	19.6	20.4	32.9	57.7	F	and other venous	126, 180-182
16.2	15.0	32.5	61.2	133.6	227.5	389.6	593.5	1095.5	2104.7	M	Cerebrovascular	430-438/I60-I69
3.6	14.9	17.1	32.5	56.4	110.7	174.4	377.6	828.9	2314.5	F	disease	
27.6	59.1	70.1	98.9	132.4	151.2	227.7	226.1	226.3	504.1	M	Other vascular	Rest of 390-459/
0.9	7.9	12.5	22.8	25.3	35.8	52.3	50.4	121.3	410.0	F	disease	rest of I00-I99
-	4.7	7.7	11.3	34.9	67.3	94.5	160.2	318.9	589.5	M	Chronic obstructive	490-496/
-	1.8	2.3	4.1	6.8	9.8	12.0	31.1	54.3	116.4	F	pulmonary disease	J40-J47, J67
12.4	15.9	29.9	30.1	43.3	44.9	50.6	73.5	74.6	173.9	M	Other respiratory	Rest of 460-519/
3.6	3.5	3.1	6.5	11.7	9.8	14.2	11.8	34.1	67.0	F	disease	rest of J00-J98
0.9	5.6	8.6	14.1	22.9	32.9	33.7	17.0	36.0	64.8	M	Peptic ulcer	531-533/K25-K27
0.9	2.6	3.1	4.9	5.8	5.4	9.8	11.8	22.8	69.0	F		
48.6	70.3	72.7	89.5	121.5	136.2	99.5	73.5	38.6	26.5	M	Liver cirrhosis	571/K70, K74
13.5	13.1	28.8	35.8	53.5	56.4	34.9	25.8	27.8	14.4	F		
1.9	1.9	3.4	3.8	3.6	15.0	16.9	24.5	25.7	73.7	M	Renal disease	580-590/N00-N19
0.9	1.8	0.8	3.3	2.9	9.8	7.6	18.2	43.0	70.0	F		
0.9	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/A34, O00-O99
-	0.9	1.7	2.8	1.2	1.5	-	1.9	-	-	M	Congenital and	740-779/A33,
0.9	0.9	4.7	0.8	2.9	1.1	1.1	-	-	-	F	perinatal causes	P00-P96, Q00-Q99
32.4	36.6	34.2	40.5	50.5	41.9	40.5	49.0	28.3	64.8	M	Ill-defined causes	780-799/R00-R99
4.5	4.4	11.7	7.3	6.8	7.6	12.0	22.5	22.8	61.8	F		
35.2	41.2	68.4	92.3	109.5	146.7	168.7	220.4	331.8	598.4	M	Other medical causes	Rest of 001-799/
11.7	14.9	21.8	41.5	51.6	64.0	87.2	141.6	231.2	432.6	F		rest of A00-R99
240.9	294.4	300.1	377.8	430.8	411.6	357.6	293.9	241.7	280.0	M	ALL NON-	E800-E999/V01-Y89
29.8	58.6	78.7	66.7	92.4	90.0	68.7	79.4	97.3	140.1	F	MEDICAL CAUSES	
20.9	16.9	12.8	23.6	21.7	28.4	28.7	11.3	30.9	5.9	M	Road traffic	E810-E819, E826-E829/
2.7	1.8	3.1	2.4	6.8	7.6	9.8	10.7	13.9	7.2	F	accidents	part of V01-V99, Y850
3.8	12.2	6.8	10.4	12.0	13.5	5.1	7.5	7.7	5.9	M	Fire	E890-E899/X00-X09
-	3.5	0.8	0.8	1.9	3.2	2.2	2.1	5.0	1.0	F		
74.3	78.8	81.2	94.2	114.3	68.8	72.5	65.9	56.6	79.6	M	Suicide	E950-E959/X60-X84
10.8	20.1	16.4	13.0	18.5	15.2	6.5	11.8	16.4	28.8	F		
105.0	106.7	117.0	106.1	83.1	66.8	59.3	53.1	38.9	33.9	M	POPULATION	
110.9	114.4	128.4	122.9	102.8	92.2	91.8	93.2	79.1	97.1	F	(1000s; UN, 2015 revision)	

## LITHUANIA: 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	– / 1.1	– / 0.3	–
35–69	3.3 / 10	0.2 / 4.4	21 years
70+	2.3 / 10	0.2 / 16	8 years
All ages	5.7 / 22	0.4 / 20	15 years

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

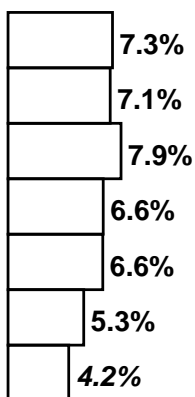
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.6/0.6	0.5/0.5	1.0/1.1	–/0.0	0.0/0.1	0.0/0.1	0.1/0.2
All Cancer	–/0.0	1.0/2.2 (45%)	0.7/2.3 (32%)	1.7/4.5	–/0.0	0.0/1.5 (3%)	0.0/2.1 (2%)	0.1/3.6
Vascular	–/0.1	1.7/3.8	1.2/6.2	2.9/10	–/0.0	0.1/1.5	0.2/12	0.2/13
Respiratory	–/0.0	0.2/0.4	0.3/0.6	0.6/1.0	–/0.0	0.0/0.1	0.0/0.3	0.0/0.4
All Other	–/0.9	0.4/3.9	0.1/1.1	0.5/6.0	–/0.2	0.0/1.4	0.0/1.5	0.0/3.1
All Causes	–/1.1	3.3/10 (32%)	2.3/10 (23%)	5.7/22	–/0.3	0.2/4.4 (3%)	0.2/16 (2%)	0.4/20

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

Cause	Male	Female	Male + Female
All Cancer	1.7 / 4.5 (38%)	0.1 / 3.6 (2%)	1.8 / 8.1 (22%)
All Causes	5.7 / 22 (26%)	0.4 / 20 (2%)	6.1 / 42 (14%)

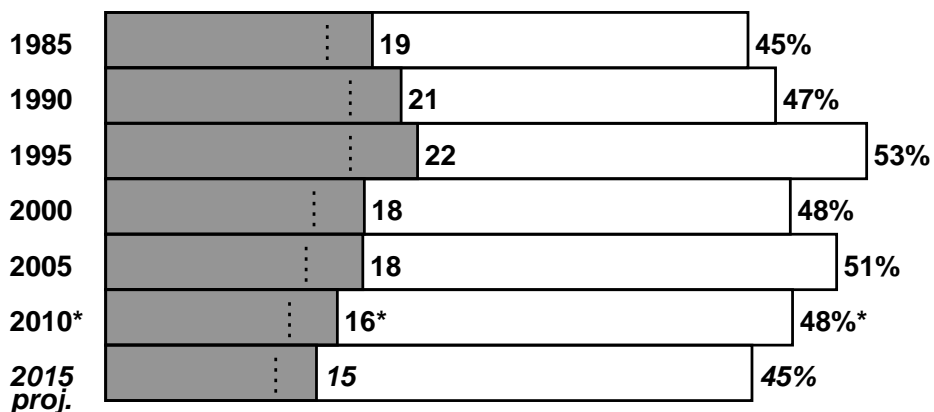
1985-2015: LITHUANIA

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

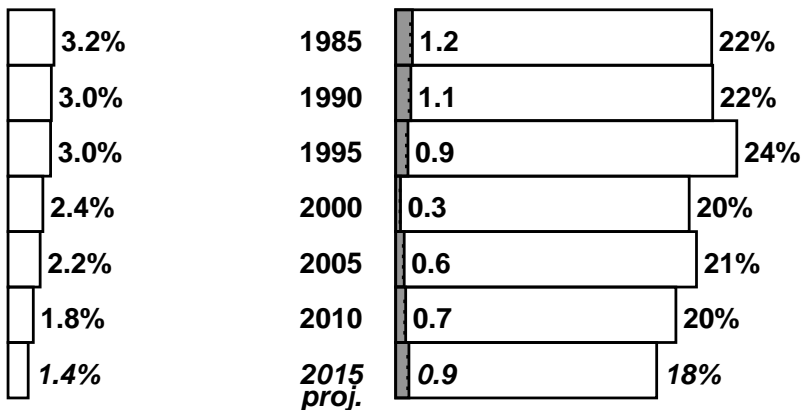


\*eg, at year 2010 male death rates, out of 100 men aged 35, 48 would die before age 70 (with 16 of these deaths attributed to smoking)

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

**Note: For smoking-attributed mortality (pages 280–287), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## LITHUANIA: 1980-2015

*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	– / 0.8	– / 0.2	–
35–69	2.9 / 9.2	0.2 / 4.0	20 years
70+	2.2 / 10	0.0 / 16	8 years
All ages	5.1 / 20	0.2 / 21	15 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	–/2.1	3.5/8.4 (42%)	1.8/8.8 (20%)	5.2/19	–/0.9	0.2/4.6 (5%)	0.2/13	0.4/18
1995	–/2.2	5.1/13 (40%)	2.0/8.8 (23%)	7.1/24	–/0.8	0.2/6.0 (4%)	0.5/14	0.7/21
2005	–/1.5	4.0/12 (34%)	2.4/9.8 (25%)	6.4/23	–/0.5	0.1/5.0 (3%)	0.5/15	0.6/20
2015 proj.	–/0.8	2.9/9.2 (32%)	2.2/10 (22%)	5.1/20	–/0.2	0.2/4.0 (5%)	0.0/16	0.2/21

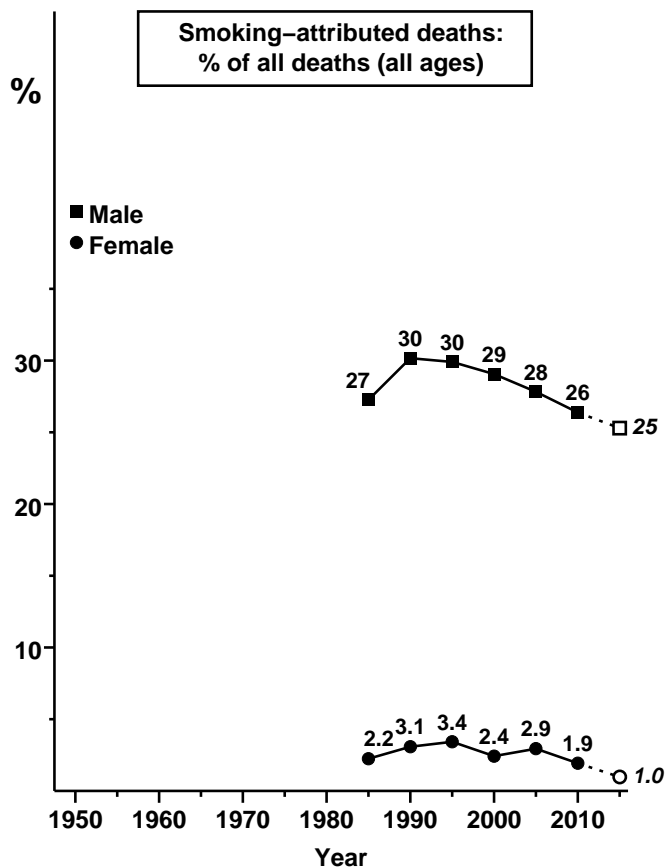
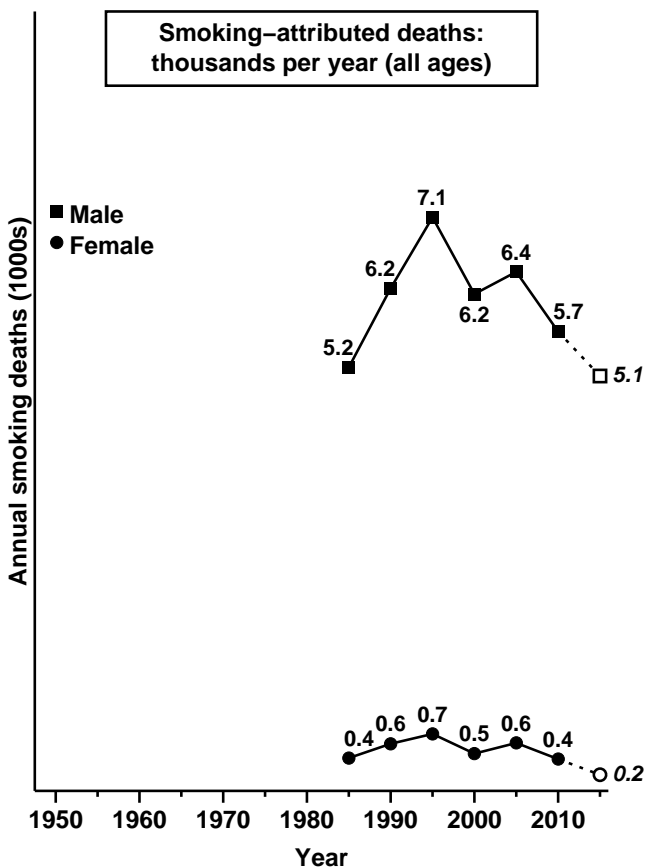
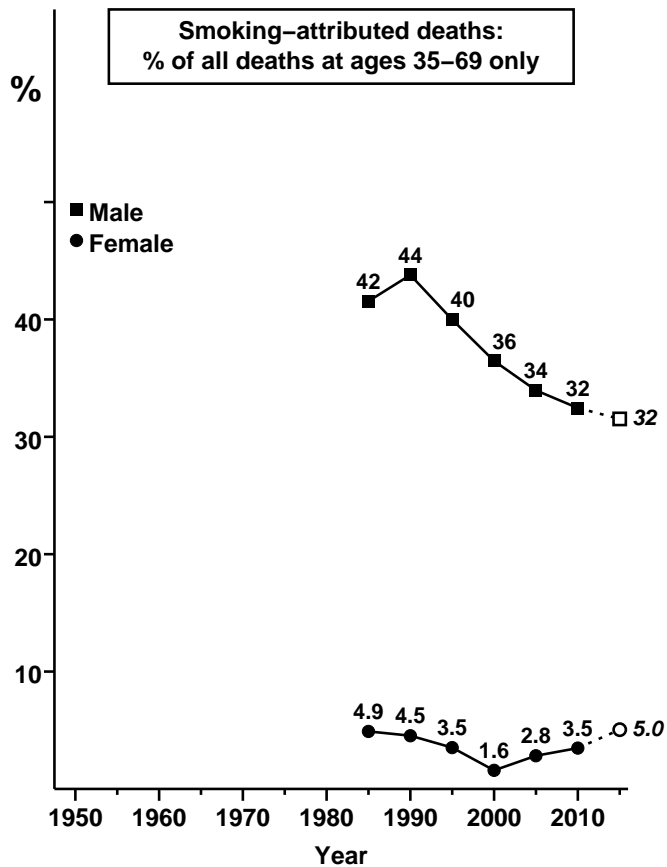
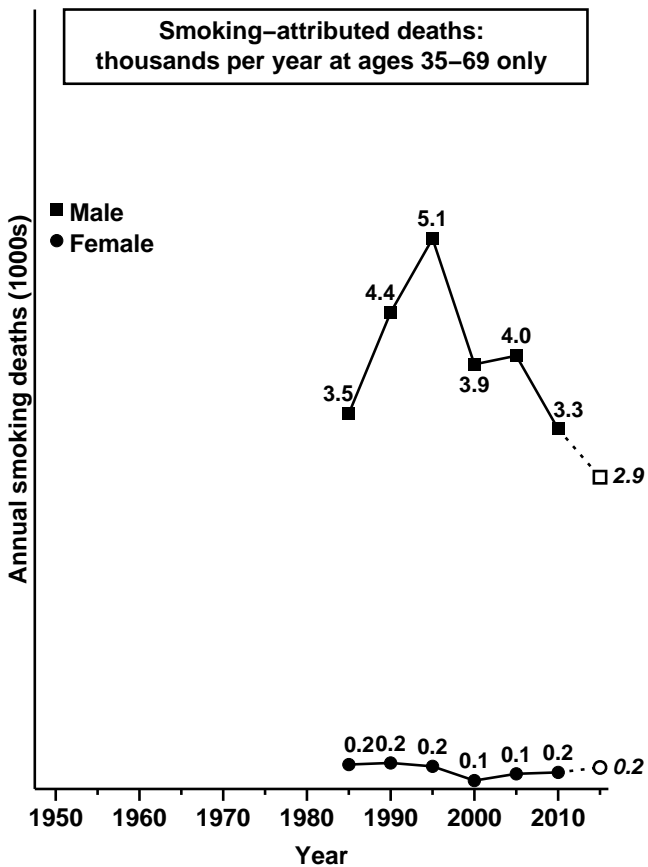
40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 258 / 1660

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

## 1980–2020, by age &amp; sex:

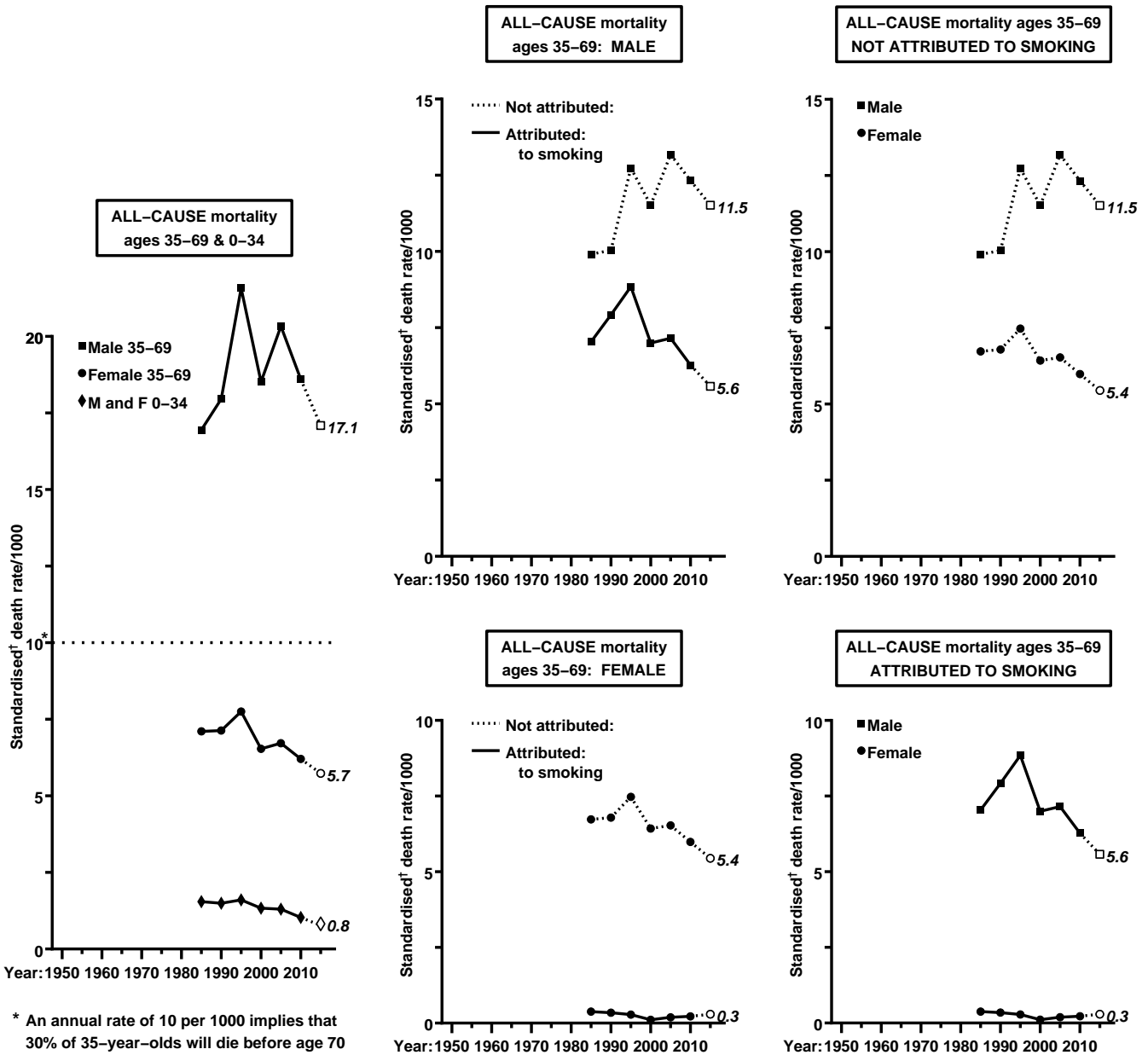
–/66	155/422 (37%)	84/376 (22%)	239/865	–/23	7.8/195 (4%)	11/577 (2%)	19/795
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1985-2015: LITHUANIA



**LITHUANIA: 1985-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

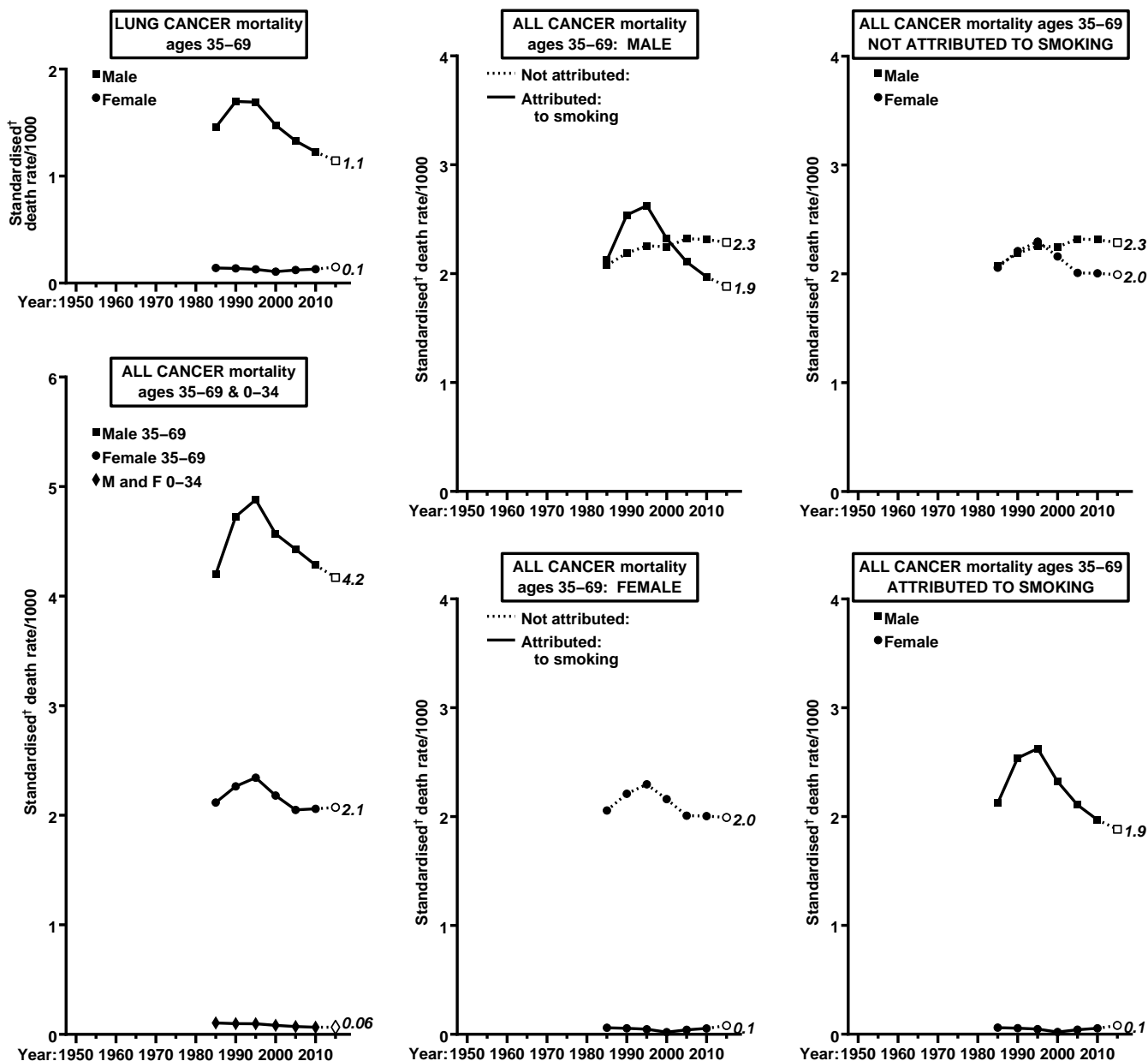
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	2.16	7.04	9.91	15.8	51.9	-	0.93	0.38	6.73	0.89	41.8				
1990	-	2.11	7.92	10.0	17.5	50.4	-	0.88	0.34	6.79	1.46	40.4				
1995	-	2.34	8.84	12.7	18.7	53.0	-	0.86	0.28	7.47	1.79	39.2				
2000	-	1.96	6.99	11.5	18.8	49.5	-	0.70	0.11	6.43	1.17	36.4				
2005	-	1.95	7.15	13.2	17.7	48.5	-	0.65	0.19	6.53	1.13	33.2				
2010	-	1.55	6.27	12.3	15.7	45.4	-	0.51	0.22	5.98	0.39	30.0				
2015	-	1.23	5.57	11.5	13.9	42.5	-	0.40	0.29	5.44	0.00	27.0				

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

1985-2015: LITHUANIA

ALL CANCER mortality rates attributed and not attributed to smoking



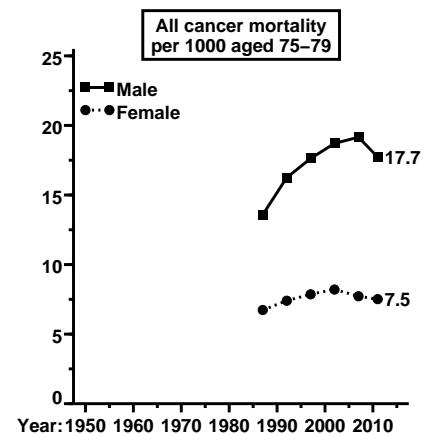
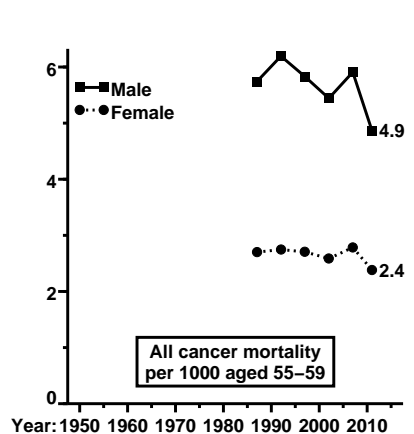
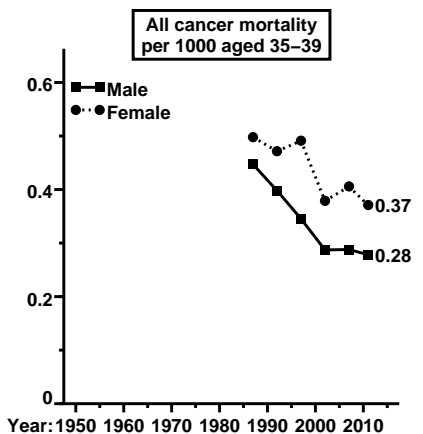
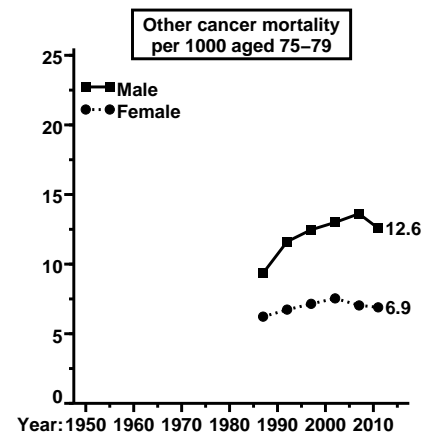
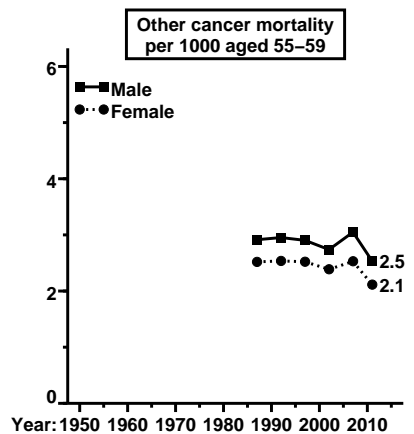
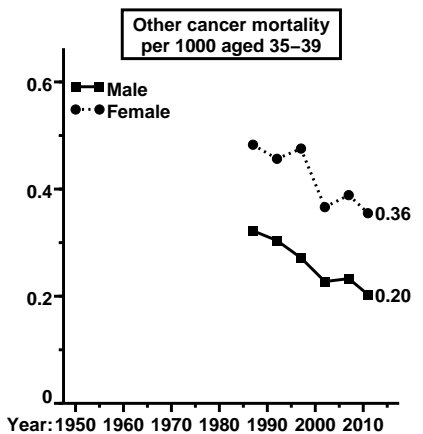
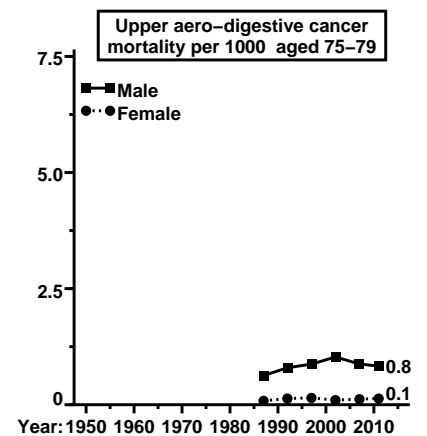
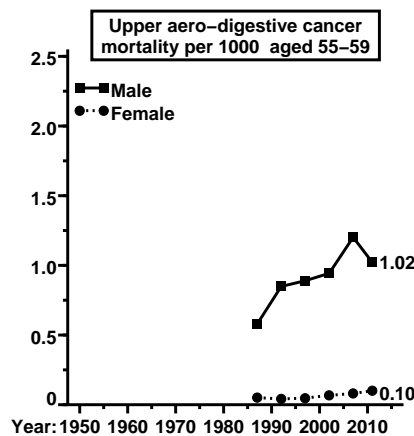
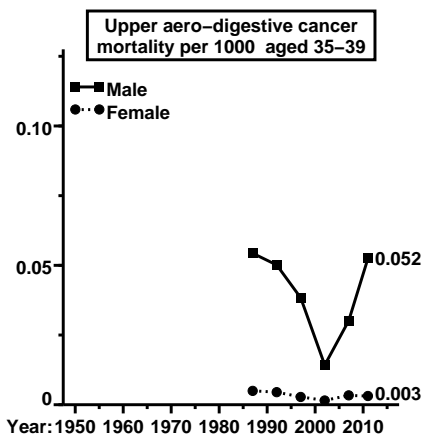
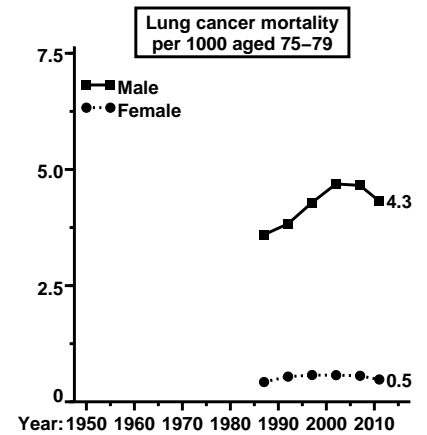
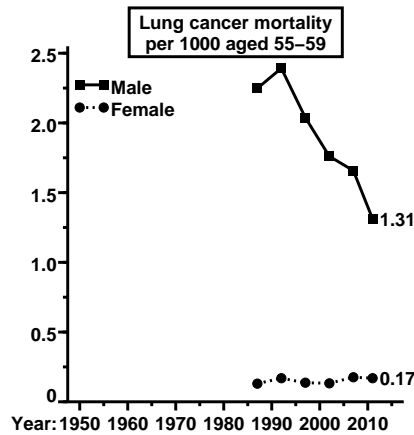
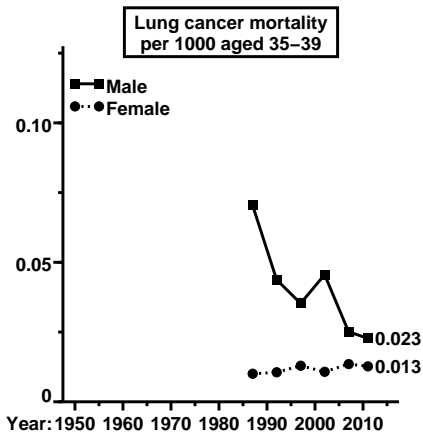
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.11	2.12	2.08	4.30	8.11	-	0.10	0.06	2.06	0.10	5.76
1990	-	0.10	2.54	2.19	5.05	9.26	-	0.10	0.05	2.21	0.22	6.54
1995	-	0.10	2.62	2.26	5.60	10.2	-	0.09	0.05	2.30	0.28	6.65
2000	-	0.08	2.32	2.25	6.27	10.9	-	0.09	0.02	2.16	0.21	7.10
2005	-	0.07	2.11	2.32	6.10	10.7	-	0.07	0.04	2.01	0.23	6.77
2010	-	0.07	1.97	2.31	5.77	10.5	-	0.06	0.05	2.00	0.10	6.45
2015	-	0.07	1.88	2.29	5.48	10.3	-	0.06	0.08	1.99	0.00	6.13

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

**LITHUANIA: 1985-2012**

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

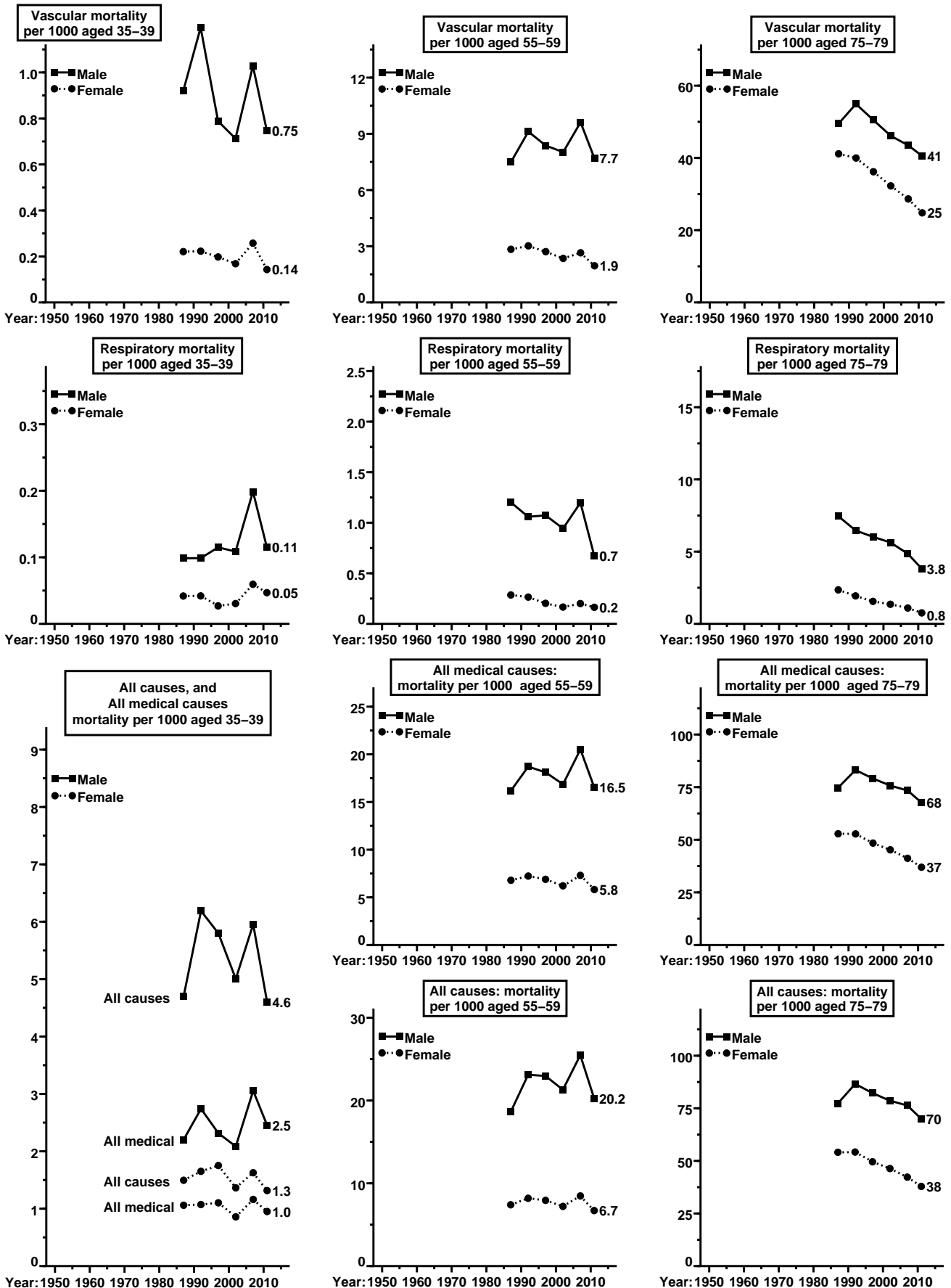


\* Annual mortality per 1000: averages of years available in 1985-89,.....,2005-09; then 3-year average 2010-12



1985-2012: LITHUANIA

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



\* Annual mortality per 1000: averages of years available in 1985-89, ..., 2005-09; then 3-year average 2010-12

## LUXEMBOURG: 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	1810	45	541	633.8	39.5	578.5	67.6	-	12.7	25.9	78.5	33.6	58.2
	F	1811	32	320	402.3	28.8	335.9	78.2	-	-	20.4	20.2	39.9	42.6
Tuberculosis	M	1	-	1	0.4	-	1.5	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infective and parasitic	M	40	-	11	13.9	-	12.4	-	-	-	-	-	-	-
	F	47	1	3	9.5	0.8	3.5	-	-	-	-	-	-	5.3
ALL CANCER	M	577	1	218	205.3	0.9	246.1	-	-	-	-	6.5	-	-
	F	443	6	156	118.8	4.9	164.8	7.1	-	-	-	-	11.4	16.0
Mouth and pharynx cancer	M	10	-	8	3.8	-	8.4	-	-	-	-	-	-	-
	F	3	-	1	0.9	-	1.4	-	-	-	-	-	-	-
Oesophagus cancer	M	18	-	11	6.8	-	13.3	-	-	-	-	-	-	-
	F	10	-	4	2.6	-	5.2	-	-	-	-	-	-	-
Stomach cancer	M	29	-	7	10.0	-	7.3	-	-	-	-	-	-	-
	F	12	2	6	4.0	1.6	5.0	-	-	-	-	-	5.7	5.3
Colorectal cancer	M	72	-	20	25.0	-	21.1	-	-	-	-	-	-	-
	F	55	-	15	13.9	-	15.5	-	-	-	-	-	-	-
Liver cancer	M	28	-	13	10.3	-	15.4	-	-	-	-	-	-	-
	F	9	-	1	1.7	-	1.4	-	-	-	-	-	-	-
Pancreas cancer	M	30	-	13	10.9	-	15.9	-	-	-	-	-	-	-
	F	31	-	7	7.6	-	6.8	-	-	-	-	-	-	-
Larynx cancer	M	7	-	5	2.6	-	5.1	-	-	-	-	-	-	-
	F	1	-	-	0.1	-	-	-	-	-	-	-	-	-
Lung cancer	M	144	-	69	52.2	-	79.8	-	-	-	-	-	-	-
	F	55	-	31	17.1	-	35.0	-	-	-	-	-	-	-
Malignant melanoma	M	6	-	1	2.0	-	0.7	-	-	-	-	-	-	-
	F	6	-	2	1.6	-	1.6	-	-	-	-	-	-	-
Female breast cancer	F	92	-	40	25.2	-	41.9	-	-	-	-	-	-	-
Cervix cancer	F	5	-	3	1.5	-	2.5	-	-	-	-	-	-	-
Other uterine cancer	F	12	-	6	3.4	-	6.7	-	-	-	-	-	-	-
Ovarian cancer	F	21	-	6	5.6	-	6.3	-	-	-	-	-	-	-
Prostate cancer	M	38	-	2	12.5	-	1.8	-	-	-	-	-	-	-
Bladder cancer	M	29	-	7	9.9	-	7.3	-	-	-	-	-	-	-
	F	13	-	2	2.8	-	2.6	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	113	-	47	40.2	-	52.1	-	-	-	-	-	-	-
	F	78	2	25	20.8	1.8	24.9	7.1	-	-	-	-	-	5.3
Hodgkin's disease	M	1	-	-	0.4	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Myeloma and non- Hodgkin lymphomas	M	26	-	10	9.3	-	12.3	-	-	-	-	-	-	-
	F	22	1	3	5.6	0.8	3.5	-	-	-	-	5.7	-	-
Leukaemia	M	26	1	5	9.3	0.9	5.5	-	-	-	-	6.5	-	-
	F	18	1	4	4.2	0.8	4.4	-	-	-	-	-	-	5.3
Diabetes	M	34	-	5	11.6	-	4.2	-	-	-	-	-	-	-
	F	35	-	6	7.5	-	6.8	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	562	2	137	193.2	1.5	149.8	-	-	-	-	-	-	10.6
	F	666	2	50	127.1	1.8	54.8	-	-	-	-	6.7	5.7	-
Rheumatic heart disease and fever	M	1	-	-	0.3	-	-	-	-	-	-	-	-	-
	F	5	-	1	1.0	-	1.1	-	-	-	-	-	-	-
Hypertensive disease	M	14	-	1	4.6	-	1.5	-	-	-	-	-	-	-
	F	20	-	-	3.8	-	-	-	-	-	-	-	-	-
Ischaemic heart disease	M	185	1	62	64.9	0.8	65.9	-	-	-	-	-	-	5.3
	F	130	-	14	25.7	-	16.6	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	30	-	13	10.7	-	14.3	-	-	-	-	-	-	-
	F	44	-	7	9.6	-	7.2	-	-	-	-	-	-	-
Cerebrovascular disease	M	130	-	23	44.3	-	26.6	-	-	-	-	-	-	-
	F	198	1	10	37.4	0.8	10.6	-	-	-	-	-	5.7	-
Other vascular disease	M	202	1	38	68.4	0.8	41.4	-	-	-	-	-	-	5.3
	F	269	1	18	49.6	1.0	19.2	-	-	-	-	6.7	-	-
Chronic obstructive pulmonary disease	M	74	-	8	25.3	-	10.7	-	-	-	-	-	-	-
	F	53	-	10	11.7	-	12.2	-	-	-	-	-	-	-
Other respiratory disease	M	53	-	6	17.6	-	7.2	-	-	-	-	-	-	-
	F	86	1	11	18.0	1.0	12.1	7.1	-	-	-	-	-	-
Peptic ulcer	M	1	-	-	0.3	-	-	-	-	-	-	-	-	-
	F	3	-	1	0.9	-	1.0	-	-	-	-	-	-	-
Liver cirrhosis	M	39	1	28	14.7	0.8	27.3	-	-	-	-	-	-	5.3
	F	26	-	16	8.4	-	16.6	-	-	-	-	-	-	-
Renal disease	M	35	-	1	11.5	-	1.1	-	-	-	-	-	-	-
	F	25	-	3	5.1	-	3.2	-	-	-	-	-	-	-
Pregnancy, birth Congenital and perinatal causes	F	1	-	1	0.3	-	0.7	-	-	-	-	-	-	-
	M	10	9	1	5.1	8.7	0.7	54.1	-	-	6.5	-	-	-
	F	8	6	2	4.2	6.1	2.1	42.7	-	-	-	-	-	-
Ill-defined causes	M	42	2	16	14.9	1.5	17.5	-	-	-	-	-	-	10.6
	F	70	1	13	15.2	0.8	12.5	-	-	-	-	-	5.7	-
Other medical causes	M	179	2	42	60.9	1.9	43.0	6.8	-	-	6.5	-	-	-
	F	254	4	21	50.7	3.7	21.4	7.1	-	-	13.6	-	-	5.3
ALL NON- MEDICAL CAUSES	M	163	28	67	59.1	24.2	57.0	6.8	-	12.7	12.9	72.0	33.6	31.7
	F	94	11	27	24.8	9.7	24.3	14.2	-	-	6.8	13.4	17.1	16.0
Road traffic accidents	M	11	2	6	4.1	1.7	5.7	-	-	-	6.5	-	5.6	-
	F	4	-	2	1.1	-	1.7	-	-	-	-	-	-	-
Fire	M	1	-	-	0.4	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Suicide	M	43	7	29	15.7	6.0	23.1	-	-	6.3	-	19.6	5.6	10.6
	F	11	2	8	4.0	1.6	7.0	-	-	-	-	-	5.7	5.3
<b>POPULATION:</b>														
<b>(1000s; UN, 2015 revision)</b>			<b>M=male</b>		252.3	113.6	118.1	14.8	15.5	15.8	15.5	15.3	17.8	18.9
			<b>F=female</b>		255.6	109.4	115.3	14.1	14.4	15.0	14.7	14.9	17.5	18.8

## 2010: LUXEMBOURG

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			
86.4	119.7	285.6	336.5	642.0	1016.0	1563.2	2706.4	4409.0	11730.4	M	ALL CAUSES	001-999/A00-Y89
40.3	86.1	215.6	224.6	406.1	556.3	822.4	1278.4	2613.6	8602.9	F		
-	-	-	-	-	-	10.5	-	-	-	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	4.6	4.8	-	19.6	15.6	42.0	62.9	61.9	324.0	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
-	-	5.0	-	-	-	19.8	53.3	82.4	238.8	F	and parasitic	
15.2	13.8	85.7	110.3	255.5	508.0	734.4	1057.4	1578.0	2786.8	M	ALL CANCER	140-208/C00-C97
20.2	43.1	100.3	109.4	176.0	298.3	406.3	500.7	635.7	1386.3	F		
-	-	4.8	11.0	6.5	15.6	21.0	-	15.5	16.2	M	Mouth and	140-149/C00-C14
-	-	-	-	-	-	9.9	10.7	-	7.7	F	pharynx cancer	
-	-	-	5.5	19.6	15.6	52.5	25.2	46.4	32.4	M	Oesophagus cancer	150/C15
-	-	-	-	6.8	-	29.7	-	11.8	38.5	F		
-	-	-	-	32.8	7.8	10.5	50.4	92.8	194.4	M	Stomach cancer	151/C16
-	-	10.0	17.3	-	8.1	-	21.3	-	15.4	F		
5.1	4.6	9.5	11.0	26.2	39.1	52.5	138.5	185.6	469.9	M	Colorectal cancer	153, 154/C18-C21
-	4.8	10.0	11.5	20.3	32.2	29.7	85.2	82.4	192.5	F		
-	-	4.8	-	19.6	31.3	52.5	88.1	77.3	48.6	M	Liver cancer	155.0/C22 excl C221
-	-	-	-	-	-	9.9	-	11.8	53.9	F		
-	-	14.3	-	-	23.4	73.4	88.1	77.3	81.0	M	Pancreas cancer	157/C25
-	4.8	5.0	-	13.5	24.2	-	53.3	58.9	107.8	F		
-	-	-	5.5	6.5	23.4	-	-	15.5	16.2	M	Larynx cancer	161/C32
-	-	-	-	-	-	-	-	-	7.7	F		
-	4.6	19.0	49.6	59.0	164.1	262.3	214.0	371.3	550.9	M	Lung cancer	162/C33, C34
-	4.8	10.0	23.0	54.1	24.2	128.8	42.6	70.6	107.8	F		
5.1	-	-	-	-	-	-	25.2	30.9	16.2	M	Malignant melanoma	172/C43
-	4.8	-	-	6.8	-	-	10.7	11.8	15.4	F		
5.0	9.6	25.1	34.6	27.1	112.9	79.3	74.6	58.9	308.1	F	Female breast cancer	174/C50
-	4.8	5.0	-	-	8.1	-	-	11.8	7.7	F	Cervix cancer	180/C53
-	-	-	5.8	6.8	24.2	9.9	-	11.8	38.5	F	Other uterine cancer	179, 182/C54, C55
-	4.8	-	-	6.8	32.2	-	32.0	58.9	53.9	F	Ovarian cancer	183/C56, C570-C574
-	-	4.8	-	-	7.8	-	50.4	92.8	421.3	M	Prostate cancer	185/C61
-	-	4.8	11.0	6.5	7.8	21.0	25.2	108.3	210.6	M	Bladder cancer	188/C67
-	-	-	-	-	8.1	9.9	21.3	-	69.3	F		
5.1	4.6	23.8	11.0	59.0	125.0	136.4	188.8	324.9	486.1	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
10.1	4.8	35.1	11.5	27.1	16.1	69.4	85.2	164.8	223.3	F	cancer sites	
-	-	-	-	-	-	-	12.6	-	-	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	-	-	-	-	F		
-	-	-	-	13.1	31.3	42.0	37.8	46.4	162.0	M	Myeloma and non-	200, 202-203/ C82-C90, C96
-	-	-	-	6.8	8.1	9.9	63.9	35.3	69.3	F	Hodgkin lymphomas	
-	-	-	5.5	6.5	15.6	10.5	113.3	92.8	81.0	M	Leukaemia	204-208/C91-C95
5.0	-	-	5.8	-	-	19.8	-	47.1	69.3	F		
5.1	-	4.8	5.5	6.5	7.8	-	100.7	92.8	243.0	M	Diabetes	250/E10-E14
-	-	10.0	-	-	8.1	29.7	32.0	35.3	177.1	F		
10.2	27.6	61.9	82.8	144.1	312.6	409.1	742.7	1268.6	4569.0	M	ALL VASCULAR	390-459/I00-I99
-	9.6	30.1	28.8	67.7	88.7	158.5	340.9	977.2	3843.2	F	DISEASE	
-	-	-	-	-	-	-	-	15.5	-	M	Rheumatic heart	390-398/I00-I09
-	-	-	-	-	8.1	-	-	-	30.8	F	disease and fever	
-	-	-	-	-	-	10.5	12.6	61.9	129.6	M	Hypertensive disease	401-405/I10-I15
-	-	-	-	-	-	-	32.0	35.3	107.8	F		
5.1	18.4	23.8	44.1	72.1	140.7	157.4	302.1	402.2	1166.6	M	Ischaemic heart	410-414/I20-I25
-	-	-	5.8	27.1	24.2	59.5	53.3	200.1	724.0	F	disease	
-	-	4.8	5.5	19.6	39.1	31.5	37.8	77.3	145.8	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
-	-	10.0	5.8	6.8	8.1	19.8	32.0	106.0	192.5	F	and other venous	
-	4.6	9.5	5.5	32.8	39.1	94.4	176.2	247.5	1247.6	M	Cerebrovascular	430-438/I60-I69
-	9.6	5.0	-	13.5	16.1	29.7	127.8	341.4	1124.5	F	disease	
5.1	4.6	23.8	27.6	19.6	93.8	115.4	214.0	464.1	1879.5	M	Other vascular	Rest of 390-459/ rest of I00-I99
-	-	15.0	17.3	20.3	32.2	49.5	95.9	294.3	1663.6	F	disease	
-	-	-	-	6.5	15.6	52.5	201.4	232.1	567.1	M	Chronic obstructive	490-496/ J40-J47, J67
-	4.8	-	-	6.8	24.2	49.5	21.3	117.7	238.8	F	pulmonary disease	
-	-	4.8	-	6.5	7.8	31.5	50.4	201.1	486.1	M	Other respiratory	Rest of 460-519/ rest of J00-J98
-	-	5.0	5.8	13.5	40.3	19.8	85.2	47.1	477.5	F	disease	
-	-	-	-	-	-	-	-	-	16.2	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	6.8	-	-	10.7	-	7.7	F		
-	9.2	14.3	27.6	59.0	39.1	42.0	75.5	30.9	32.4	M	Liver cirrhosis	571/K70, K74
-	-	10.0	23.0	27.1	16.1	39.6	32.0	11.8	46.2	F		
-	-	-	-	-	7.8	-	37.8	92.8	405.1	M	Renal disease	580-590/N00-N19
-	-	-	5.8	6.8	-	9.9	-	70.6	123.2	F		
5.0	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	4.8	-	-	-	-	-	-	-	F	Congenital and	740-779/A33, P00-P96, Q00-Q99
-	-	5.0	-	-	-	9.9	-	-	-	F	perinatal causes	
-	-	4.8	5.5	39.3	31.3	42.0	37.8	77.3	259.2	M	Ill-defined causes	780-799/R00-R99
-	9.6	10.0	11.5	20.3	16.1	19.8	21.3	129.5	331.2	F		
5.1	27.6	28.6	27.6	39.3	46.9	125.9	163.7	510.5	1442.0	M	Other medical causes	Rest of 001-799/ rest of A00-R99
-	9.6	15.0	17.3	33.8	24.2	49.5	170.4	388.5	1386.3	F		
50.8	36.8	71.4	77.2	65.5	23.4	73.4	176.2	263.0	599.5	M	ALL NON-	E800-E999/V01-Y89
15.1	9.6	25.1	23.0	47.4	40.3	9.9	10.7	117.7	346.6	F	MEDICAL CAUSES	
5.1	-	4.8	-	19.6	-	10.5	12.6	15.5	16.2	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
-	-	5.0	-	6.8	-	-	-	11.8	7.7	F	accidents	
-	-	-	-	-	-	-	12.6	-	-	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	-	-	-	F		
15.2	13.8	38.1	55.2	13.1	15.6	10.5	-	61.9	48.6	M	Suicide	E950-E959/X60-X84
10.1	4.8	-	11.5	6.8	16.1	-	-	-	7.7	F		
19.7	21.7	21.0	18.1	15.3	12.8	9.5	7.9	6.5	6.2	M	POPULATION	
19.8	20.9	19.9	17.4	14.8	12.4	10.1	9.4	8.5	13.0	F	(1000s; UN, 2015 revision)	

## LUXEMBOURG: 2010

## Relative importance of deaths in MIDDLE age (35–69) in the year 2010

Age range (years)	Deaths attributed to SMOKING /total deaths		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 43	– / 23	–
35–69	143 / 547	55 / 316	23 years
70+	223 / 1164	137 / 1511	7 years
All ages	366 / 1754	192 / 1850	13 years

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

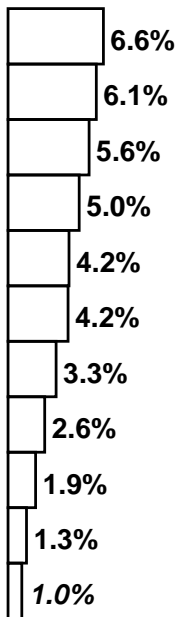
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0	55/63	67/78	122/141	–/0	21/30	21/32	42/62
All Cancer	–/2	77/216 (36%)	97/334 (29%)	174/552	–/3	25/156 (16%)	28/302 (9%)	53/461
Vascular	–/1	42/136	62/436	104/573	–/0	13/51	56/636	69/687
Respiratory	–/0	10/20	47/115	57/135	–/0	11/19	36/128	47/147
All Other	–/37	14/173	17/281	31/491	–/16	6/88	17/444	23/548
All Causes	–/43	143/547 (26%)	223/1164 (19%)	366/1754	–/23	55/316 (17%)	137/1511 (9%)	192/1850

## Cancer deaths, and all deaths, attributed to SMOKING / total deaths in the year 2010

Cause	Male	Female	Male + Female
All Cancer	174 / 552 (32%)	53 / 461 (11%)	227 / 1013 (22%)
All Causes	366 / 1754 (21%)	192 / 1850 (10%)	558 / 3604 (15%)

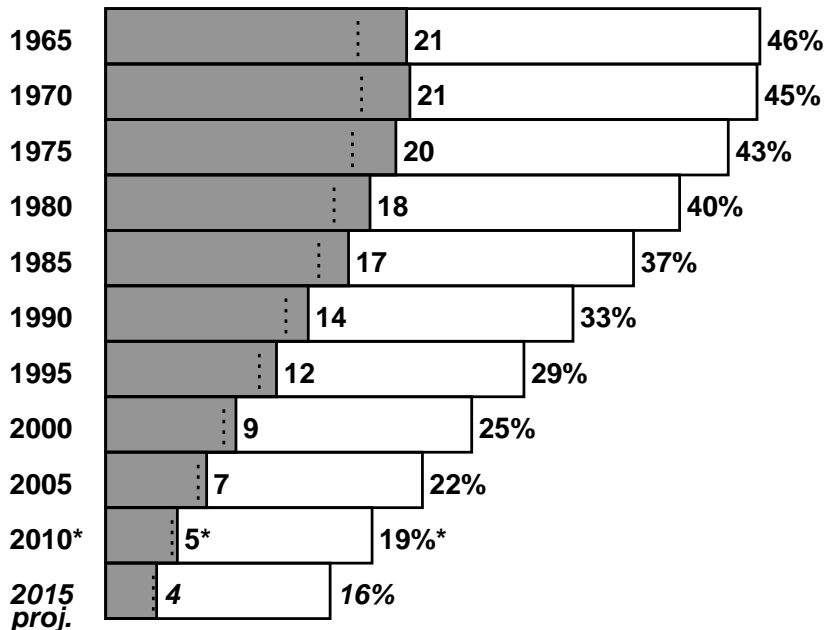
1965-2015: LUXEMBOURG

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)

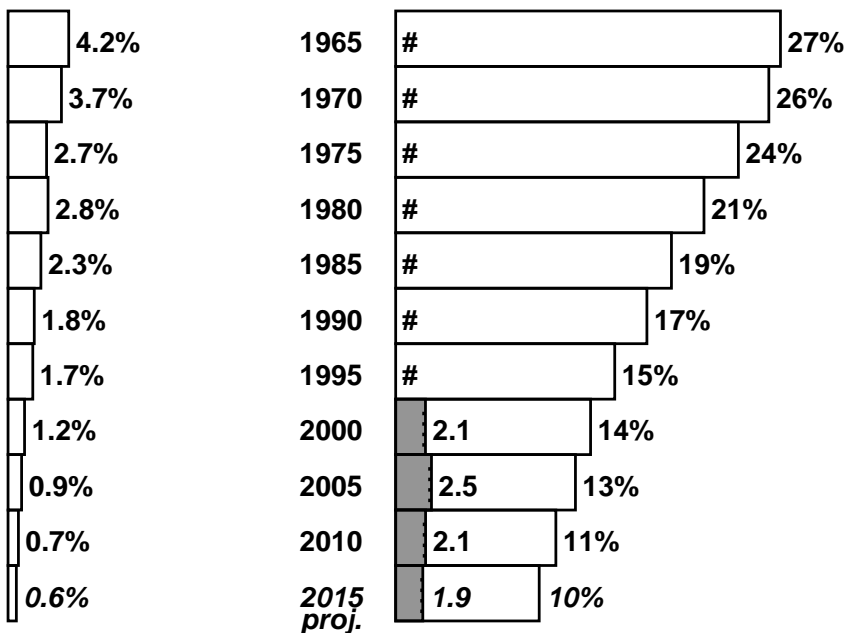
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 19 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

## LUXEMBOURG: 1960-2015

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

Age range (years)	Deaths attributed to SMOKING /total deaths		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 36	– / 21	–
35–69	117 / 529	59 / 326	24 years
70+	188 / 1223	151 / 1488	7 years
All ages	305 / 1788	210 / 1835	13 years

## Numbers of deaths attributed to smoking / total deaths

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	–/169	496/1064 (47%)	214/1052 (20%)	710/2285	–/103	0/614	0/1092	0/1809
1975	–/145	459/995 (46%)	347/1185 (29%)	806/2325	–/62	3/555	0/1342	3/1959
1985	–/116	355/774 (46%)	399/1215 (33%)	754/2105	–/57	41/424	0/1498	41/1979
1995	–/102	290/729 (40%)	315/1071 (29%)	605/1902	–/49	47/374	78/1464 (5%)	125/1887
2005	–/58	184/594 (31%)	263/1117 (24%)	447/1769	–/27	61/321 (19%)	138/1510 (9%)	199/1858
2015 proj.	–/36	117/529 (22%)	188/1223 (15%)	305/1788	–/21	59/326 (18%)	151/1488 (10%)	210/1835

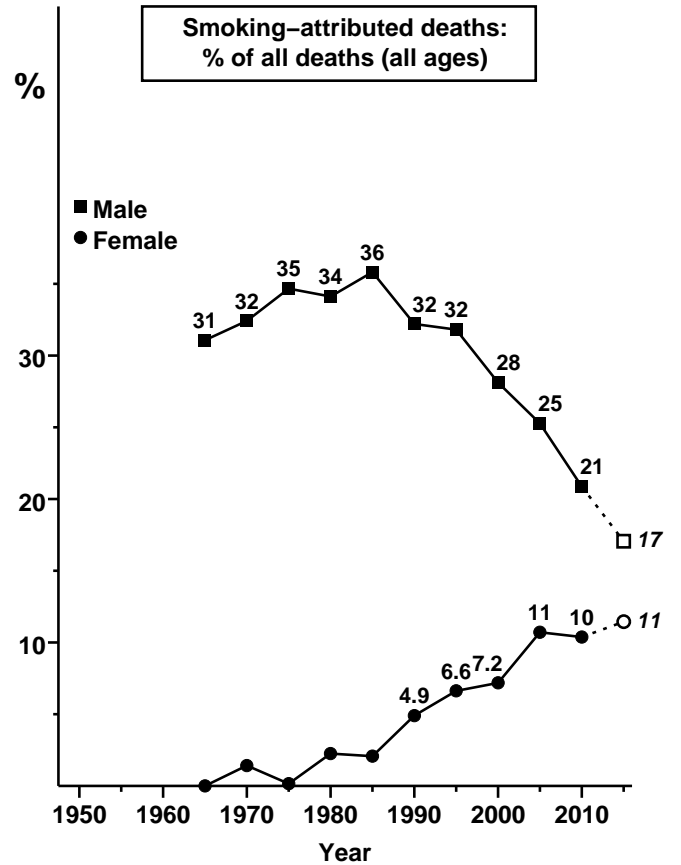
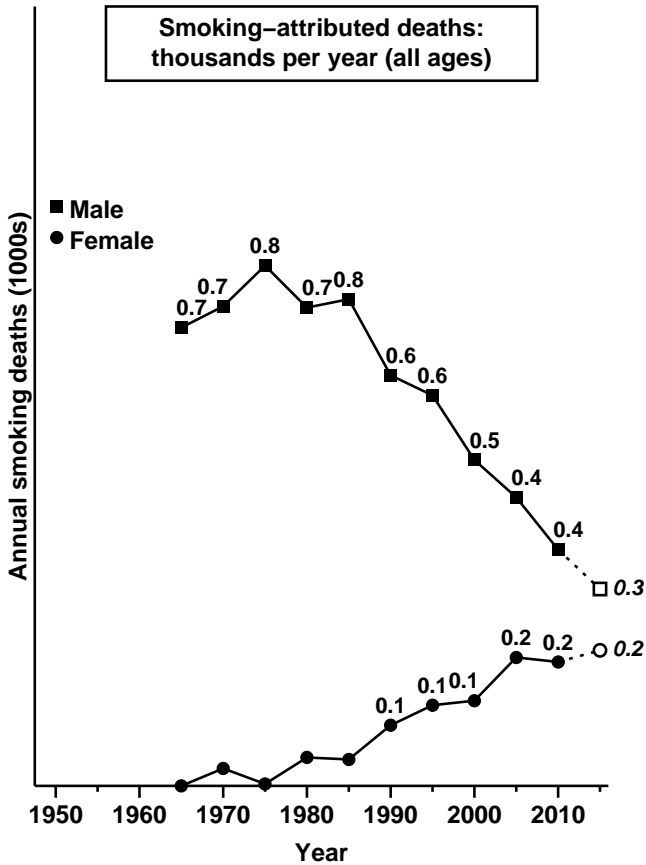
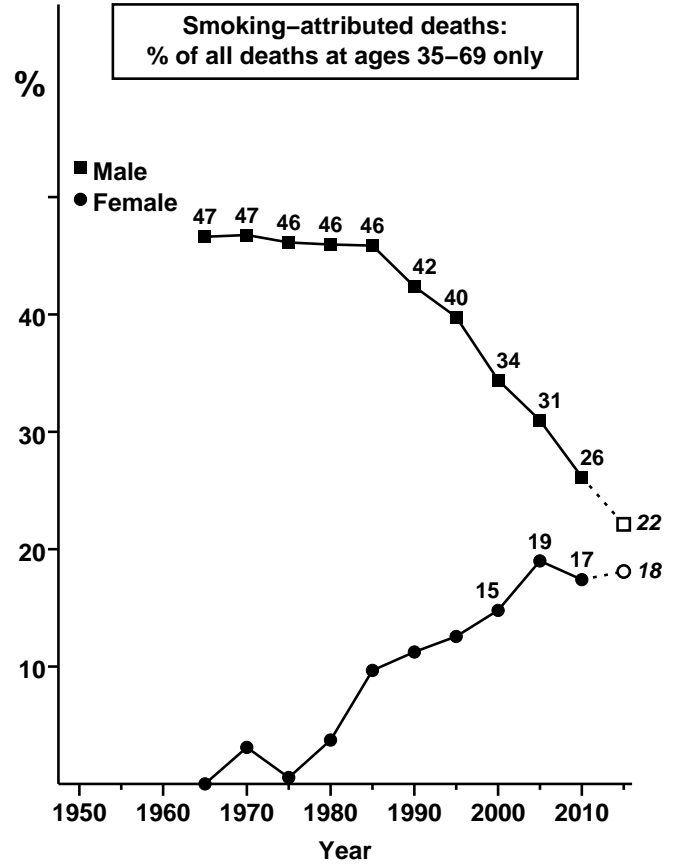
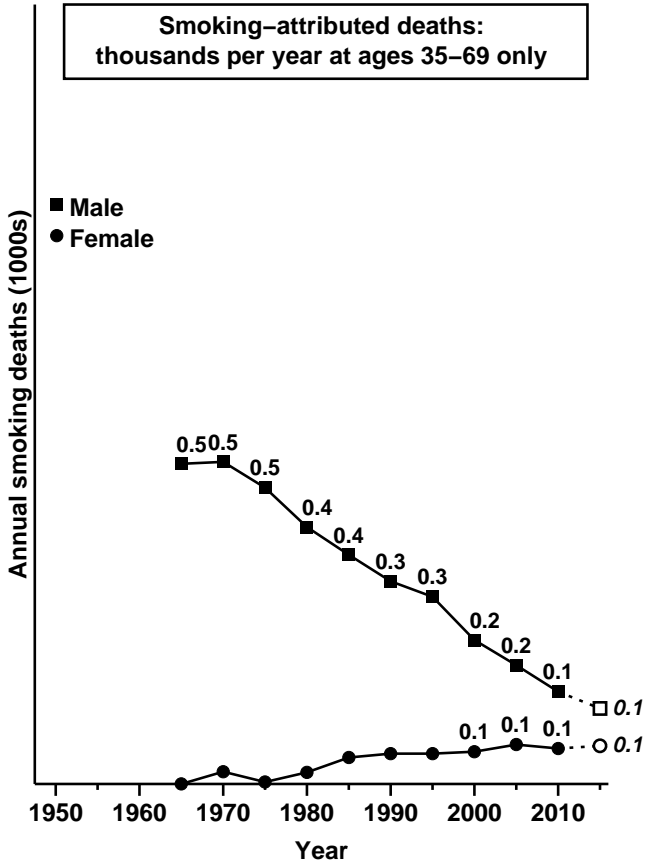
60-year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 42 / 235

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

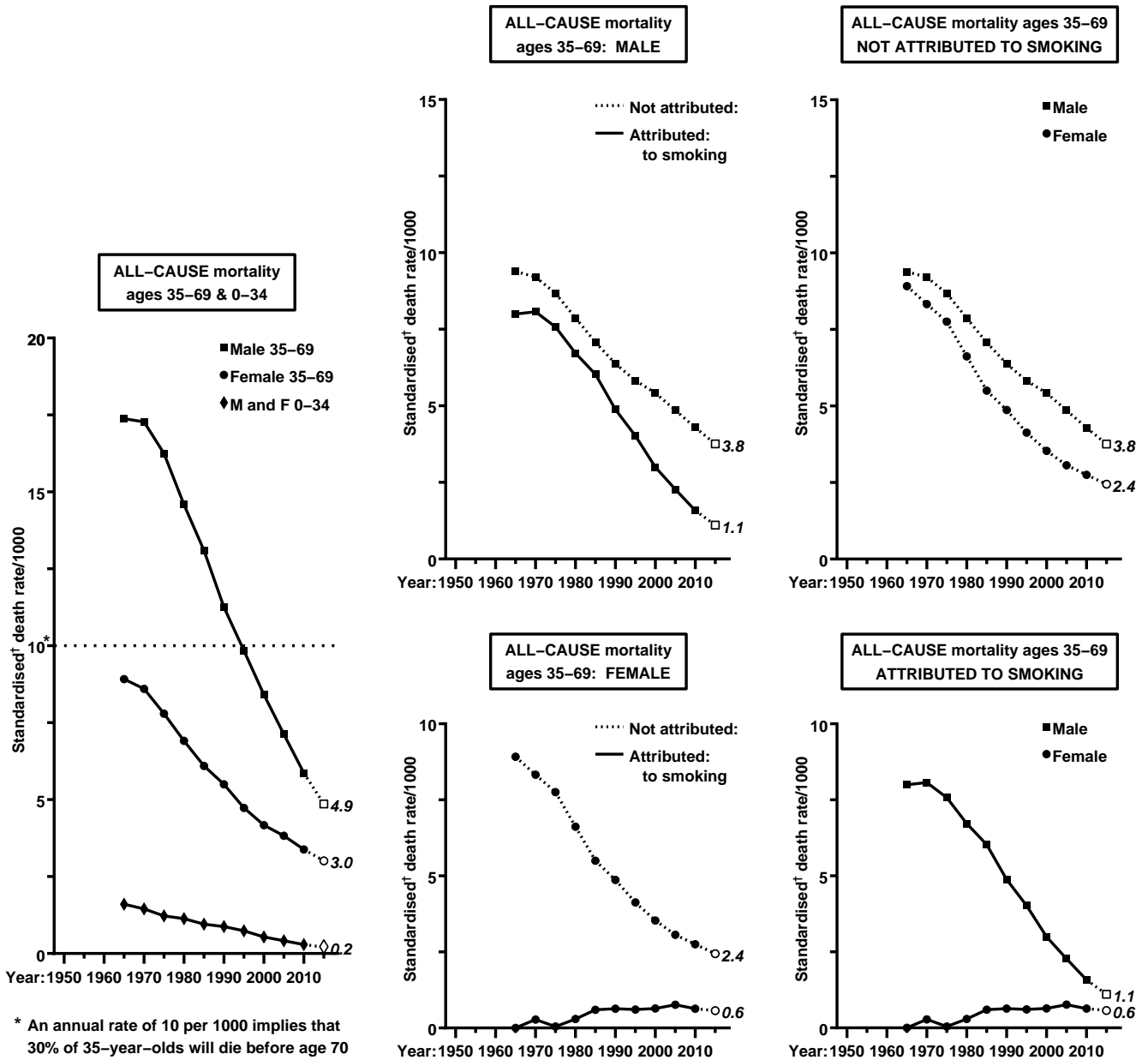
–/6.3	19/47 (41%)	17/69 (25%)	36/122	–/3.2	2.1/26 (8%)	3.7/84 (4%)	5.8/113
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1965-2015: LUXEMBOURG



**LUXEMBOURG: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



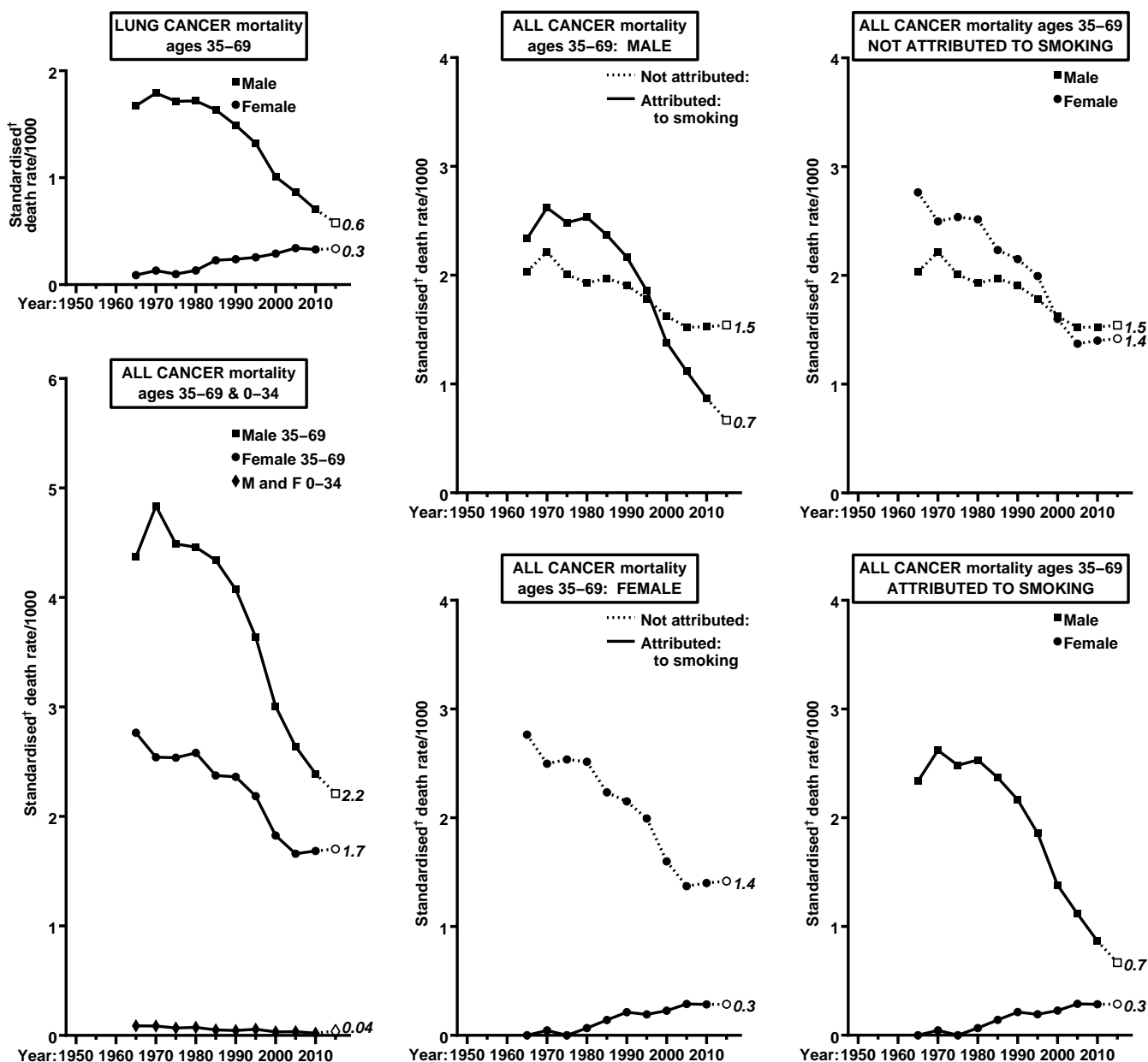
Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.96	7.99	9.38	19.4	67.7	-	1.23	0.00	8.91	0.00	57.5	0.00	57.5	0.00	57.5
1970	-	1.81	8.07	9.20	21.8	63.3	-	1.08	0.28	8.32	0.41	58.7	0.00	54.6	0.00	54.6
1975	-	1.66	7.57	8.67	27.5	60.0	-	0.78	0.04	7.75	0.00	54.6	0.00	54.6	0.00	54.6
1980	-	1.45	6.72	7.87	24.1	54.4	-	0.81	0.29	6.62	1.16	45.1	1.16	45.1	1.16	45.1
1985	-	1.24	6.02	7.07	26.5	48.8	-	0.66	0.60	5.50	0.00	41.3	0.00	41.3	0.00	41.3
1990	-	1.22	4.88	6.37	21.1	44.3	-	0.53	0.63	4.86	1.56	33.3	1.56	33.3	1.56	33.3
1995	-	0.97	4.02	5.82	19.5	40.1	-	0.50	0.60	4.13	2.66	27.9	2.66	27.9	2.66	27.9
2000	-	0.74	2.99	5.42	14.3	34.1	-	0.33	0.64	3.53	2.05	25.8	2.05	25.8	2.05	25.8
2005	-	0.55	2.27	4.85	11.3	30.6	-	0.27	0.76	3.06	2.82	21.7	2.82	21.7	2.82	21.7
2010	-	0.37	1.58	4.29	7.72	26.3	-	0.21	0.63	2.75	2.06	18.4	2.06	18.4	2.06	18.4
2015	-	0.28	1.10	3.75	5.06	22.5	-	0.17	0.57	2.44	1.70	15.5	1.70	15.5	1.70	15.5

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



1965-2015: LUXEMBOURG

ALL CANCER mortality rates attributed and not attributed to smoking



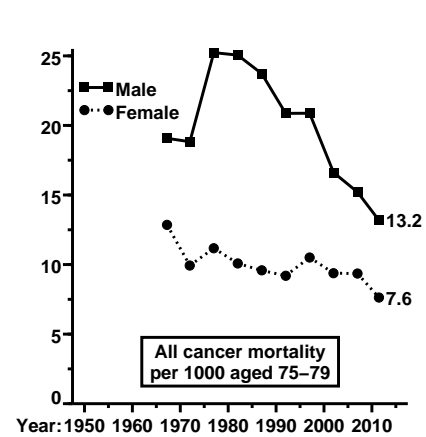
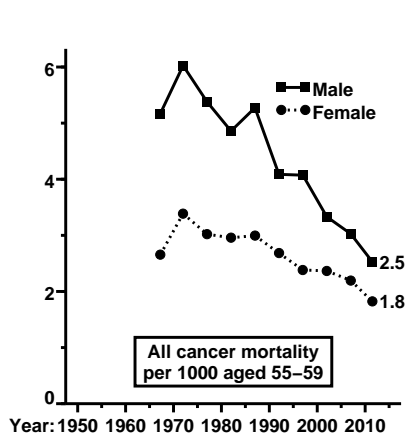
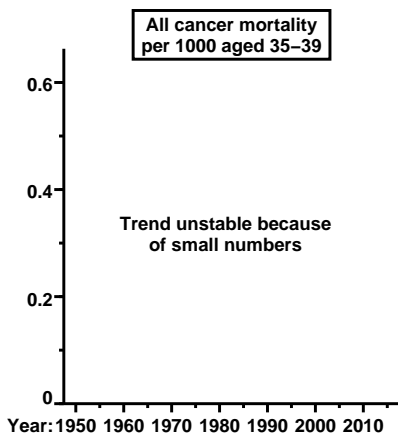
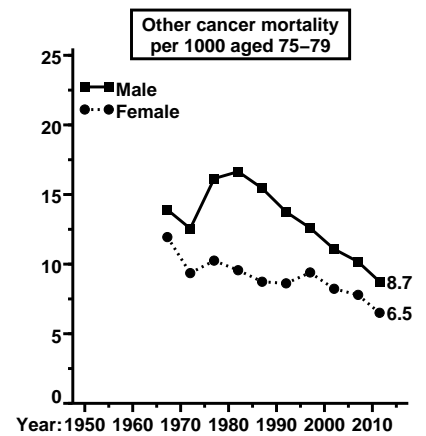
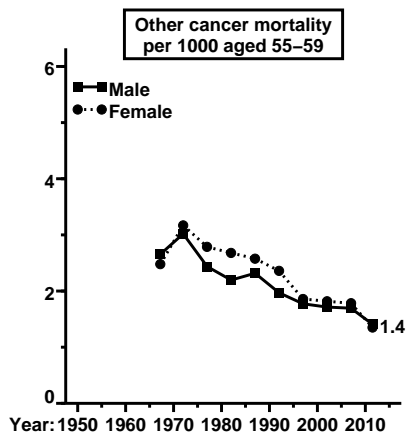
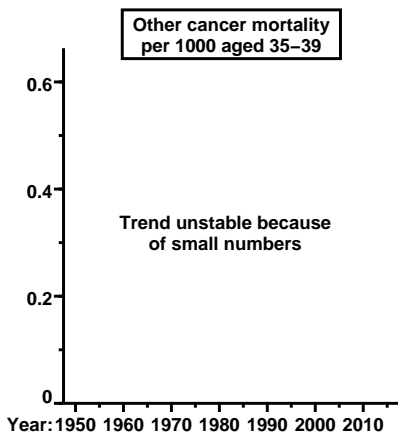
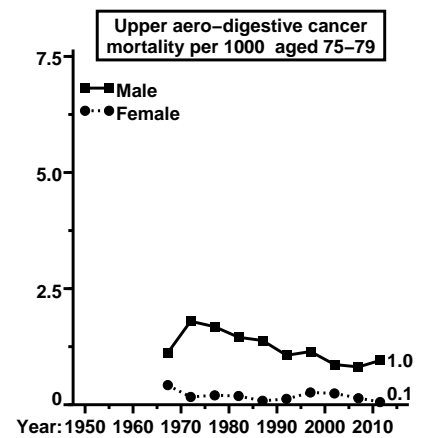
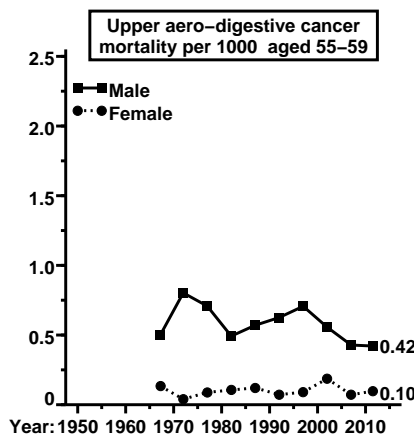
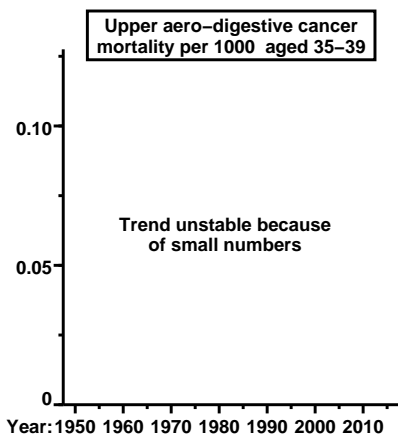
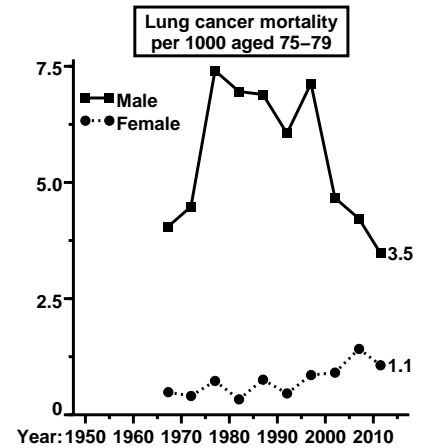
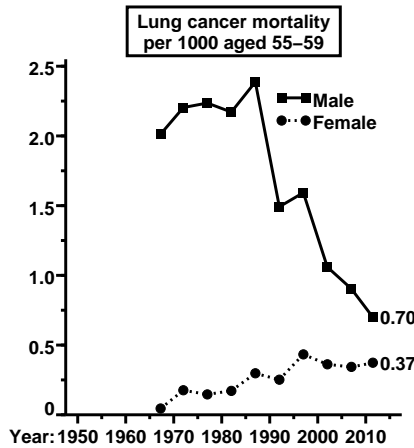
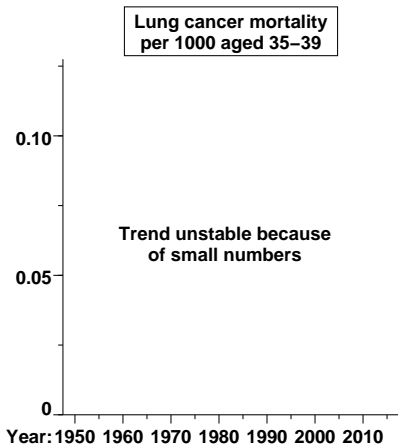
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.10	2.34	2.03	5.45	11.6	-	0.08	0.00	2.76	0.00	9.87	-	0.00	0.00	9.87
1970	-	0.08	2.62	2.21	6.55	11.0	-	0.09	0.04	2.50	0.00	9.97	-	0.00	0.00	9.97
1975	-	0.09	2.48	2.01	9.03	12.3	-	0.05	0.00	2.54	0.00	8.89	-	0.00	0.00	8.89
1980	-	0.08	2.53	1.93	8.60	11.4	-	0.06	0.07	2.51	0.20	9.12	-	0.20	0.20	9.12
1985	-	0.06	2.37	1.97	9.97	11.6	-	0.04	0.14	2.23	0.00	8.91	-	0.00	0.00	8.91
1990	-	0.06	2.17	1.91	7.72	10.4	-	0.03	0.21	2.15	0.28	8.02	-	0.28	0.28	8.02
1995	-	0.06	1.86	1.78	7.77	10.0	-	0.05	0.19	1.99	0.61	7.58	-	0.61	0.61	7.58
2000	-	0.04	1.38	1.62	6.32	9.27	-	0.02	0.23	1.60	0.57	7.69	-	0.57	0.57	7.69
2005	-	0.04	1.12	1.52	5.34	8.50	-	0.03	0.29	1.37	0.85	6.40	-	0.85	0.85	6.40
2010	-	0.02	0.87	1.52	4.00	8.16	-	0.02	0.28	1.40	0.69	6.31	-	0.69	0.69	6.31
2015	-	0.03	0.67	1.54	2.86	7.89	-	0.04	0.28	1.42	0.55	6.20	-	0.55	0.55	6.20

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

**LUXEMBOURG: 1965-2013**

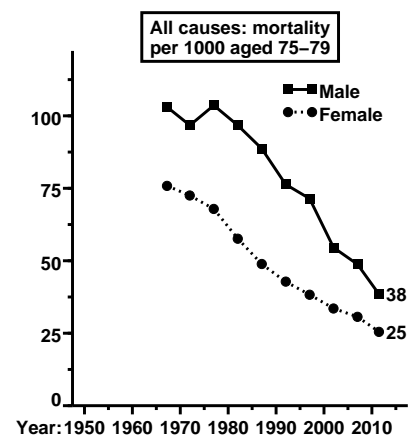
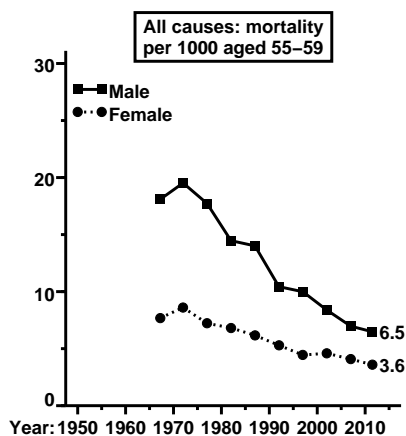
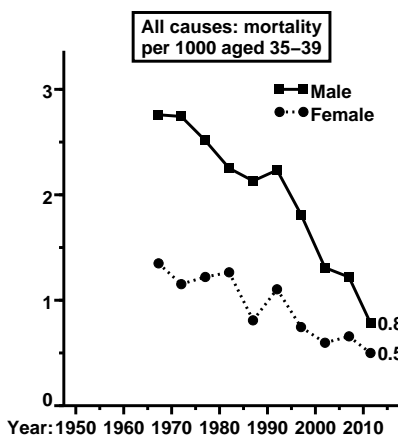
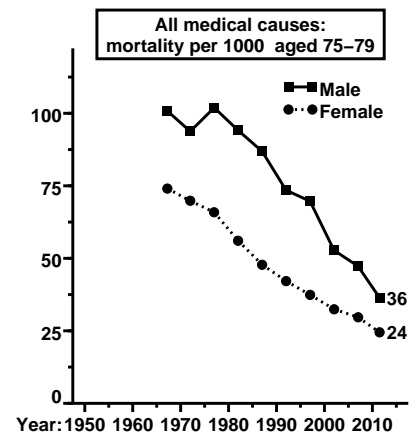
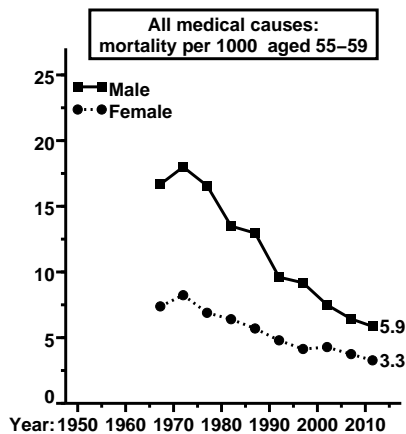
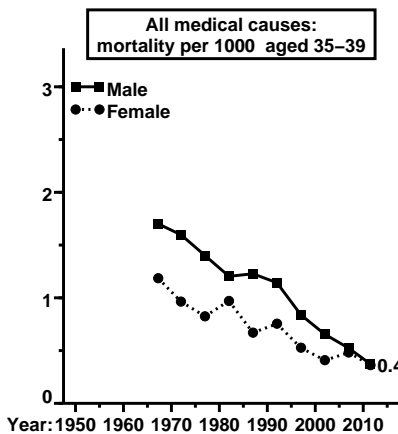
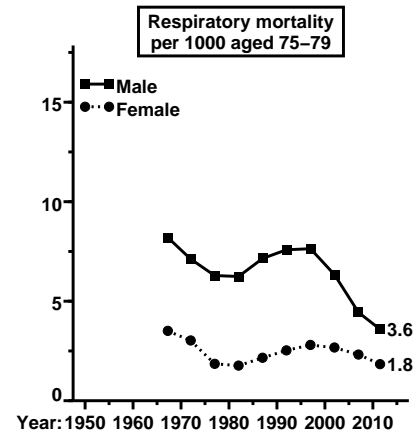
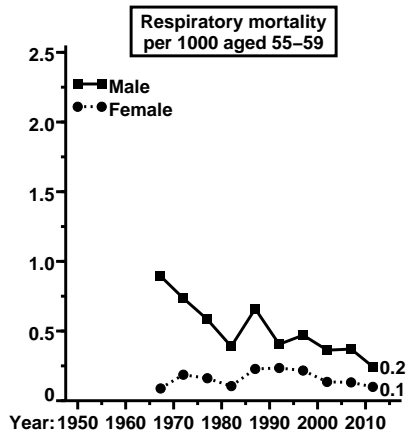
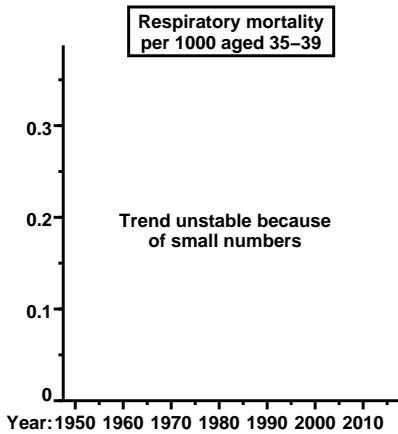
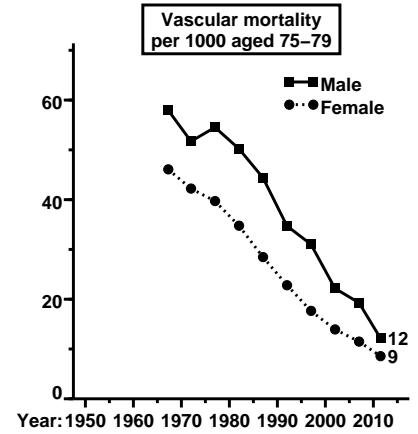
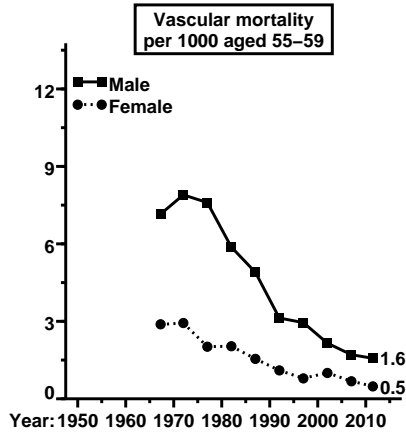
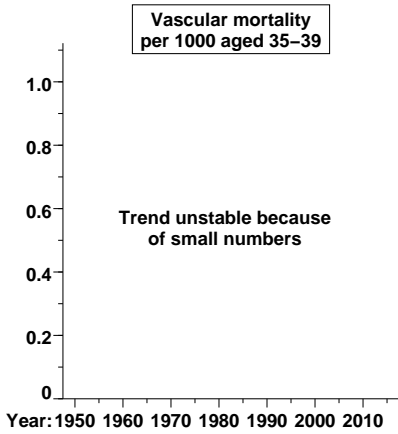
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 4-year average 2010–13

1965-2013: LUXEMBOURG

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## MACEDONIA, The Former Yugoslav Republic of: 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	10168	323	3944	1125.6	65.6	1113.1	190.9	17.2	15.7	47.5	53.3	62.2	72.2
	F	8945	191	2283	759.1	42.8	601.7	167.8	11.5	10.5	23.0	18.2	22.1	46.5
Tuberculosis	M	24	2	16	2.5	0.3	4.5	-	-	-	1.3	-	1.2	-
	F	8	-	3	0.7	-	0.7	-	-	-	-	-	-	-
Other infective and parasitic	M	19	11	6	2.2	2.6	1.4	13.9	1.6	-	-	2.5	-	-
	F	11	3	7	1.1	0.7	1.7	3.6	-	-	-	-	-	1.3
ALL CANCER	M	2211	28	1253	231.9	5.1	353.1	-	4.7	4.3	3.9	5.0	9.4	8.7
	F	1474	24	809	129.2	4.5	203.5	1.8	1.6	-	1.4	1.3	6.2	19.4
Mouth and pharynx cancer	M	31	-	22	3.2	-	5.8	-	-	-	-	-	-	-
	F	17	-	9	1.5	-	2.5	-	-	-	-	-	-	-
Oesophagus cancer	M	18	-	14	1.8	-	3.2	-	-	-	-	-	-	-
	F	4	-	4	0.4	-	0.9	-	-	-	-	-	-	-
Stomach cancer	M	252	-	126	26.7	-	36.7	-	-	-	-	-	-	-
	F	126	3	59	10.9	0.5	15.4	-	-	-	-	-	1.2	2.6
Colorectal cancer	M	219	2	128	23.3	0.3	37.3	-	-	-	-	-	2.4	-
	F	163	1	70	14.0	0.2	18.6	-	-	-	-	-	-	1.3
Liver cancer	M	127	-	79	13.2	-	23.3	-	-	-	-	-	-	-
	F	78	-	29	6.7	-	7.9	-	-	-	-	-	-	-
Pancreas cancer	M	118	1	66	12.5	0.2	18.9	-	-	-	-	-	1.2	-
	F	71	-	31	6.0	-	8.1	-	-	-	-	-	-	-
Larynx cancer	M	96	-	66	9.9	-	18.6	-	-	-	-	-	-	-
	F	4	-	3	0.4	-	0.7	-	-	-	-	-	-	-
Lung cancer	M	667	2	449	68.4	0.3	124.7	-	-	-	-	-	1.2	1.2
	F	135	-	93	12.1	-	22.9	-	-	-	-	-	-	-
Malignant melanoma	M	37	-	21	4.0	-	5.6	-	-	-	-	-	-	-
	F	19	-	12	1.7	-	2.6	-	-	-	-	-	-	-
Female breast cancer	F	308	3	208	27.6	0.6	50.1	-	-	-	-	-	-	3.9
Cervix cancer	F	31	1	20	2.7	0.2	4.9	-	-	-	-	-	1.2	-
Other uterine cancer	F	108	1	60	9.5	0.2	14.7	-	-	-	-	-	-	1.3
Ovarian cancer	F	96	1	55	8.4	0.2	13.5	-	-	-	-	-	1.2	-
Prostate cancer	M	165	-	34	18.7	-	10.2	-	-	-	-	-	-	-
Bladder cancer	M	94	-	35	10.1	-	11.1	-	-	-	-	-	-	-
	F	22	1	10	1.9	0.2	2.7	-	-	-	-	-	-	1.3
Other and ill-defined cancer sites	M	278	10	152	29.0	1.9	41.3	-	3.1	-	2.6	2.5	2.4	2.5
	F	238	9	121	20.8	1.8	31.6	1.8	1.6	-	1.4	1.3	1.2	5.2
Hodgkin's disease	M	12	5	7	1.1	0.9	1.6	-	-	-	-	2.5	1.2	2.5
	F	4	1	-	0.3	0.2	-	-	-	-	-	-	-	1.3
Myeloma and non- Hodgkin lymphomas	M	35	2	20	3.6	0.4	5.2	-	1.6	-	-	-	-	1.2
	F	18	-	11	1.6	-	2.9	-	-	-	-	-	-	-
Leukaemia	M	62	6	34	6.3	1.1	9.6	-	-	4.3	1.3	-	1.2	1.2
	F	32	3	14	2.8	0.5	3.4	-	-	-	-	-	1.2	2.6
Diabetes	M	308	1	108	34.0	0.2	31.3	-	-	-	-	-	-	1.2
	F	429	1	105	35.5	0.2	30.1	-	-	-	-	-	-	1.3
ALL VASCULAR DISEASE	M	5500	41	1685	624.8	7.5	492.6	1.7	3.1	1.4	12.8	7.4	8.2	17.4
	F	5567	25	976	463.4	4.8	269.4	3.6	1.6	1.5	5.4	3.9	6.2	11.6
Rheumatic heart disease and fever	M	9	1	3	0.9	0.2	0.7	-	-	-	1.3	-	-	-
	F	5	-	3	0.5	-	0.8	-	-	-	-	-	-	-
Hypertensive disease	M	283	-	73	32.7	-	22.2	-	-	-	-	-	-	-
	F	398	-	48	32.9	-	13.2	-	-	-	-	-	-	-
Ischaemic heart disease	M	1086	5	557	116.7	0.9	154.8	-	-	-	-	1.2	-	5.0
	F	666	3	223	56.4	0.5	60.3	-	-	-	-	-	1.2	2.6
Pulmonary embolism and other venous	M	14	1	7	1.5	0.2	2.5	-	-	-	-	-	-	1.2
	F	17	1	6	1.5	0.2	1.5	-	-	-	-	-	-	1.3
Cerebrovascular disease	M	1801	12	506	202.7	2.1	152.7	-	-	-	2.6	3.7	4.7	3.7
	F	2017	7	381	167.5	1.3	106.2	-	-	1.5	2.7	2.6	-	2.6
Other vascular disease	M	2307	22	539	270.3	4.1	159.7	1.7	3.1	1.4	9.0	2.5	3.5	7.5
	F	2464	14	315	204.8	2.8	87.5	3.6	1.6	-	2.7	1.3	4.9	5.2
Chronic obstructive pulmonary disease	M	235	3	66	26.5	0.6	20.6	-	1.6	-	-	2.5	-	-
	F	152	3	34	12.9	0.6	9.2	-	1.6	-	-	-	-	2.6
Other respiratory disease	M	166	7	53	19.0	1.5	15.9	5.2	1.6	-	2.6	-	1.2	-
	F	158	5	39	13.4	1.1	10.2	3.6	-	1.5	-	-	2.5	-
Peptic ulcer	M	26	1	9	2.9	0.2	2.4	-	-	-	-	-	-	1.2
	F	14	-	2	1.1	-	0.6	-	-	-	-	-	-	-
Liver cirrhosis	M	130	1	94	13.4	0.2	24.5	-	-	-	-	-	1.2	-
	F	41	-	21	3.5	-	5.1	-	-	-	-	-	-	-
Renal disease	M	146	1	64	15.8	0.2	18.2	-	-	-	-	-	-	1.2
	F	114	2	45	9.7	0.4	12.3	-	-	-	1.4	-	-	1.3
Pregnancy, birth	F	2	1	1	0.2	0.2	0.2	-	-	-	-	-	-	1.3
Congenital and perinatal causes	M	87	85	2	11.9	20.9	0.4	144.0	-	-	1.3	-	-	1.2
	F	70	69	1	9.9	17.6	0.2	116.8	-	1.5	1.4	3.9	-	-
Ill-defined causes	M	672	33	265	75.2	6.4	71.9	12.2	1.6	2.9	5.1	5.0	8.2	10.0
	F	578	20	107	49.5	4.8	26.9	23.7	1.6	3.0	4.0	1.3	-	-
Other medical causes	M	222	14	94	23.7	2.9	24.4	6.9	1.6	2.9	1.3	2.5	2.4	2.5
	F	161	11	62	14.1	2.5	15.5	7.3	3.3	3.0	2.7	-	1.2	-
ALL NON- MEDICAL CAUSES	M	422	95	229	41.9	17.1	51.8	6.9	1.6	4.3	19.3	28.5	30.5	28.6
	F	166	27	71	14.8	5.3	16.1	7.3	1.6	-	6.8	7.8	6.2	7.8
Road traffic accidents	M	98	37	51	9.2	6.7	10.7	3.5	-	1.4	6.4	11.2	14.1	10.0
	F	30	12	17	2.9	2.5	3.8	5.5	1.6	-	-	5.2	1.2	3.9
Fire	M	5	-	3	0.5	-	0.6	-	-	-	-	-	-	-
	F	4	-	2	0.3	-	0.4	-	-	-	-	-	-	-
Suicide	M	87	16	57	8.4	2.8	12.7	-	-	1.4	1.3	6.2	4.7	6.2
	F	35	2	25	3.1	0.4	5.5	-	-	-	1.4	-	1.2	-
POPULATION:			M=male		1027.5	515.8	447.2	57.6	64.1	70.1	77.8	80.6	85.3	80.3
(1000s; UN, 2015 revision)			F=female		1034.9	492.0	454.1	54.8	60.9	66.8	74.1	76.7	81.3	77.4

## 2010: 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			
136.1	217.7	433.2	750.4	1146.0	1973.3	3135.1	4859.8	8952.4	18315.5	M	ALL CAUSES	001-999/A00-Y89
73.0	142.3	204.5	391.8	578.0	1064.9	1757.2	3316.7	6701.3	14393.8	F		
-	2.6	2.8	2.8	3.0	6.5	13.8	10.0	5.0	13.8	M	Tuberculosis	010-018, 137/
1.3	-	1.4	-	1.4	1.9	-	2.6	3.7	12.8	F		A15-A19, B90
1.4	2.7	-	1.4	-	3.0	4.3	3.3	5.0	-	M	Other infective	Rest of 001-139,279.5&6/
										F	and parasitic	rest of A00-B99 excl A33,A34
31.4	51.8	120.4	235.6	410.7	685.0	936.4	1218.3	1603.6	1684.5	M	ALL CANCER	140-208/C00-C97
32.5	53.2	99.5	189.5	225.1	369.1	455.6	608.3	814.6	798.7	F		
1.3	3.9	-	7.0	4.5	12.9	11.1	13.3	10.0	20.7	M	Mouth and	140-149/C00-C14
-	-	-	-	4.4	5.8	7.0	2.6	11.1	17.0	F	pharynx cancer	
1.3	-	1.4	2.8	10.4	6.5	-	3.3	10.0	6.9	M	Oesophagus cancer	150/C15
-	-	2.8	1.4	-	-	2.3	-	-	-	F		
2.6	3.9	15.2	18.2	35.6	71.1	110.5	176.9	209.8	214.0	M	Stomach cancer	151/C16
2.7	5.3	4.2	15.7	7.3	30.9	42.1	52.4	99.5	72.2	F		
7.8	6.5	11.1	12.6	37.1	75.4	110.5	103.5	139.9	207.1	M	Colorectal cancer	153, 154/C18-C21
2.7	2.7	4.2	17.1	13.1	36.7	53.7	76.0	118.0	131.7	F		
3.9	-	5.5	11.2	22.2	53.9	66.3	70.1	94.9	55.2	M	Liver cancer	155.0, 155.1/C22
-	1.3	-	7.1	2.9	25.1	18.7	60.3	44.2	59.5	F		
-	1.3	8.3	15.4	16.3	38.8	52.5	66.8	79.9	103.6	M	Pancreas cancer	157/C25
-	1.3	1.4	7.1	10.2	13.5	23.4	42.0	66.3	25.5	F		
-	-	6.9	14.0	29.6	21.5	58.0	50.1	40.0	48.3	M	Larynx cancer	161/C32
-	-	-	2.9	-	1.9	-	-	3.7	-	F		
2.6	20.7	38.8	95.4	166.0	237.0	312.1	363.8	359.7	241.6	M	Lung cancer	162/C33, C34
5.4	5.3	11.2	21.4	30.5	46.4	39.7	44.6	36.9	63.7	F		
-	1.3	1.4	5.6	8.9	10.8	11.1	6.7	35.0	48.3	M	Malignant melanoma	172/C43
-	1.3	4.2	5.7	2.9	1.9	2.3	2.6	3.7	21.2	F		
8.1	9.3	36.4	55.6	75.5	79.2	86.5	94.4	114.3	127.5	F	Female breast cancer	174/C50
-	1.3	5.6	1.4	8.7	5.8	11.7	10.5	11.1	12.8	F	Cervix cancer	180/C53
5.4	4.0	7.0	12.8	20.3	25.1	28.0	52.4	47.9	59.5	F	Other uterine cancer	179, 182/C54, C55
2.7	5.3	11.2	10.0	17.4	17.4	30.4	52.4	51.6	25.5	F	Ovarian cancer	183.0/C56
-	-	1.4	5.6	8.9	28.0	27.6	93.5	244.8	372.8	M	Prostate cancer	185/C61
-	1.3	1.4	1.4	10.4	21.5	41.4	73.4	109.9	103.6	M	Bladder cancer	188/C67
5.2	7.8	20.8	33.7	50.4	68.9	102.2	5.2	18.4	17.0	F		
5.4	13.3	7.0	22.8	26.1	58.0	88.8	136.8	214.8	220.9	M	Other and ill-defined	Rest of 140-199/
2.6	-	1.4	2.8	-	4.3	-	94.4	140.1	144.4	F	cancer sites	rest of C00-C80, C97
-	-	-	-	-	-	-	-	-	-	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	-	2.6	3.7	4.2	F		
1.3	-	5.5	4.2	4.5	12.9	8.3	26.7	10.0	20.7	M	Myeloma and non-	200, 202-203/
-	-	2.8	1.4	-	11.6	4.7	2.6	14.7	8.5	F	Hodgkin lymphomas	C82-C90, C96
2.6	5.2	1.4	5.6	5.9	21.5	24.9	33.4	45.0	20.7	M	Leukaemia	204-208/C91-C95
-	2.7	-	5.7	2.9	5.8	7.0	13.1	29.5	8.5	F		
1.3	1.3	5.5	25.2	38.5	45.2	102.2	196.9	309.7	538.5	M	Diabetes	250/E10-E14
2.7	1.3	-	11.4	24.7	44.5	126.2	225.5	435.0	505.6	F		
34.0	72.6	167.5	288.9	458.1	863.9	1564.4	2613.5	5610.2	12896.1	M	ALL VASCULAR	390-459/I00-I99
10.8	35.9	58.8	125.4	229.5	481.2	944.0	2037.2	4530.2	10876.0	F	DISEASE	
-	-	-	1.4	1.5	2.1	-	3.3	15.0	6.9	M	Rheumatic heart	390-398/I00-I09
-	1.3	-	-	-	1.9	2.3	-	-	8.5	F	disease and fever	
-	1.3	1.4	19.6	16.3	36.6	80.1	140.2	294.8	752.5	M	Hypertensive disease	401-405/I10-I15
-	-	2.8	11.4	8.7	27.1	42.1	154.7	350.2	832.7	F		
17.0	32.4	70.6	115.0	158.6	286.5	403.3	537.4	839.3	1346.2	M	Ischaemic heart	410-414/I20-I25
-	5.3	14.0	38.5	63.9	106.3	193.9	280.6	508.7	828.5	F	disease	
-	-	-	-	-	6.5	11.1	16.7	-	6.9	M	Pulmonary embolism	415.1, 451-453/
-	1.3	4.2	-	-	-	4.7	2.6	7.4	29.7	F	and other venous	126, 180-182
7.8	15.6	34.6	74.3	142.3	258.5	535.9	981.3	2158.2	3845.4	M	Cerebrovascular	430-438/I60-I69
5.4	16.0	22.4	45.6	78.4	187.5	387.9	881.0	1750.9	3475.2	F	disease	
9.2	23.3	60.9	78.5	139.4	273.6	533.1	934.6	2303.0	6938.2	M	Other vascular	Rest of 390-459/
5.4	12.0	15.4	29.9	78.4	158.5	313.1	718.4	1913.1	5701.4	F	disease	rest of I00-I99
-	1.3	6.9	12.6	11.9	25.9	85.6	126.8	284.8	490.2	M	Chronic obstructive	490-496/
-	1.3	2.8	5.7	8.7	15.5	30.4	55.1	81.1	305.9	F	pulmonary disease	J40-J47, J67
2.6	5.2	5.5	5.6	10.4	21.5	60.8	73.4	134.9	393.5	M	Other respiratory	Rest of 460-519/
-	5.3	4.2	7.1	5.8	21.3	28.0	76.0	110.6	233.7	F	disease	rest of J00-J98
-	1.3	-	1.4	4.5	4.3	5.5	6.7	35.0	48.3	M	Peptic ulcer	531-533/K25-K27
1.3	-	-	-	-	3.9	-	-	22.1	25.5	F		
1.3	13.0	13.8	21.0	25.2	56.0	41.4	53.4	45.0	69.0	M	Liver cirrhosis	571/K70, K74
1.4	-	2.8	2.9	10.2	11.6	7.0	18.4	22.1	29.7	F		
6.5	1.3	6.9	14.0	13.3	30.2	55.2	76.8	144.9	200.2	M	Renal disease	580-590/N00-N19
2.7	1.3	4.2	7.1	5.8	25.1	39.7	44.6	110.6	85.0	F		
1.4	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	-	1.4	1.5	-	-	-	-	-	F	Congenital and	740-779/A33,
7.8	23.3	31.8	50.5	83.0	146.5	160.2	260.4	439.6	1436.0	F	perinatal causes	P00-P96, Q00-Q99
5.4	12.0	19.6	17.1	29.1	32.9	72.4	162.6	376.0	1219.3	M	Ill-defined causes	780-799/R00-R99
6.5	11.7	18.0	23.8	19.3	38.8	52.5	123.5	199.8	255.4	F	Other medical causes	Rest of 001-799/
4.1	6.7	7.0	10.0	20.3	23.2	37.4	55.1	114.3	152.9	M		rest of A00-R99
43.2	32.4	52.6	67.3	63.8	45.2	58.0	96.8	134.9	290.0	M	ALL NON-	E800-E999/V01-Y89
10.8	21.3	4.2	14.2	17.4	30.9	14.0	31.5	77.4	148.7	F	MEDICAL CAUSES	
10.5	13.0	12.5	16.8	8.9	10.8	2.8	13.3	20.0	13.8	M	Road traffic	E810-E819, E826-E829/
4.1	4.0	-	1.4	8.7	3.9	4.7	2.6	-	-	F	accidents	part of V01-V99, Y850
-	1.3	1.4	1.4	-	-	-	3.3	5.0	-	M	Fire	E890-E899/X00-X09
-	-	-	1.4	1.4	-	-	5.2	-	-	F		
7.8	7.8	12.5	16.8	22.2	10.8	11.1	20.0	25.0	20.7	M	Suicide	E950-E959/X60-X84
4.1	8.0	1.4	4.3	7.3	13.5	-	10.5	14.7	-	F		
76.4	77.2	72.2	71.3	67.5	46.4	36.2	30.0	20.0	14.5	M	POPULATION	
74.0	75.2	71.4	70.2	68.9	51.7	42.8	38.1	27.1	23.5	F	(1000s; UN, 2015 revision)	

<b>MACEDONIA, The Former Yugoslav Republic of: 2010</b>
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**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	– / 0.4	– / 0.2	–
35–69	1.6 / 3.9	0.3 / 2.3	21 years
70+	1.1 / 5.8	0.2 / 6.5	8 years
<b>All ages</b>	<b>2.7 / 10</b>	<b>0.4 / 9.0</b>	<b>16 years</b>

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

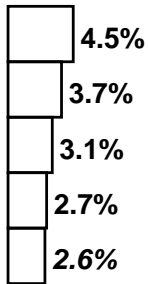
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/3	409/439	187/211	596/653	–/1	51/86	18/49	69/136
All Cancer	–/35	596/1235 (48%)	275/912 (30%)	871/2182	–/28	64/778 (8%)	21/625 (3%)	85/1431
Vascular	–/45	785/1673	603/3666	1388/5384	–/23	159/1018	112/4570	271/5611
Respiratory	–/8	80/126	129/270	209/404	–/9	21/73	23/222	44/304
All Other	–/292	183/891	74/909	257/2092	–/152	32/451	13/1042	45/1645
All Causes	–/383	1644/3921 (42%)	1081/5757 (19%)	2725/10061	–/212	276/2321 (12%)	169/6459 (3%)	445/8992

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

Cause	Male	Female	Male + Female
All Cancer	0.9 / 2.2 (40%)	0.1 / 1.4 (6%)	1.0 / 3.6 (26%)
All Causes	2.7 / 10 (27%)	0.4 / 9.0 (5%)	3.2 / 19 (17%)

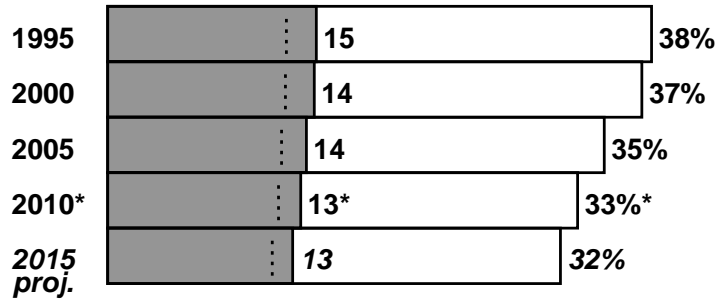
**1995-2015: The Former Yugoslav Republic of MACEDONIA**

**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)**

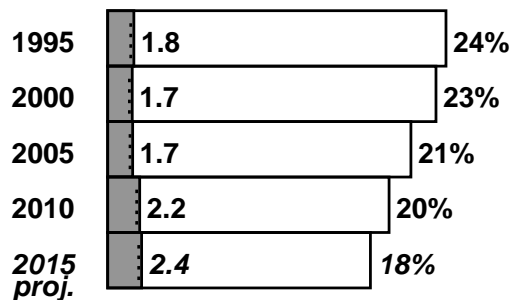
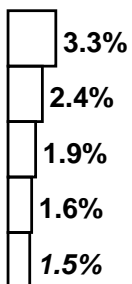
**MALE**



\*eg, at year 2010 male death rates, out of 100 men aged 35, 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**



<b>MACEDONIA, The Former Yugoslav Republic of: 1990-2015</b>
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*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	– / 0.4	– / 0.2	–
35–69	1.7 / 4.3	0.3 / 2.4	21 years
70+	1.2 / 6.2	0.2 / 7.2	8 years
<b>All ages</b>	<b>3.0 / 11</b>	<b>0.5 / 9.9</b>	<b>15 years</b>

**Numbers of deaths attributed to smoking / total deaths**

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1985	...	...	...	...	...	...	...	...
1995	–/742	1515/3857 <b>(39%)</b>	656/4288 <b>(15%)</b>	2171/8887	–/516	186/2381 <b>(8%)</b>	180/4287 <b>(4%)</b>	366/7184
2005	–/459	1655/4000 <b>(41%)</b>	963/5471 <b>(18%)</b>	2618/9930	–/262	202/2405 <b>(8%)</b>	200/5922 <b>(3%)</b>	402/8589
2015 <i>proj.</i>	–/354	1740/4254 <b>(41%)</b>	1235/6168 <b>(20%)</b>	2975/10776	–/191	329/2423 <b>(14%)</b>	162/7249 <b>(2%)</b>	491/9863

**30-year total (thousands), decade of 1990s to decade of 2010s (1990–2020\*): 90 / 552**

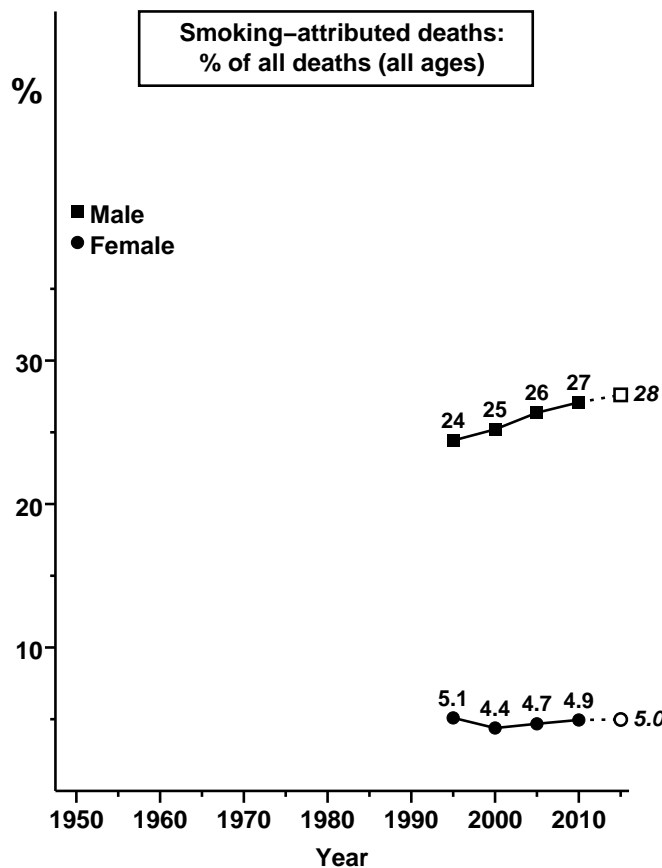
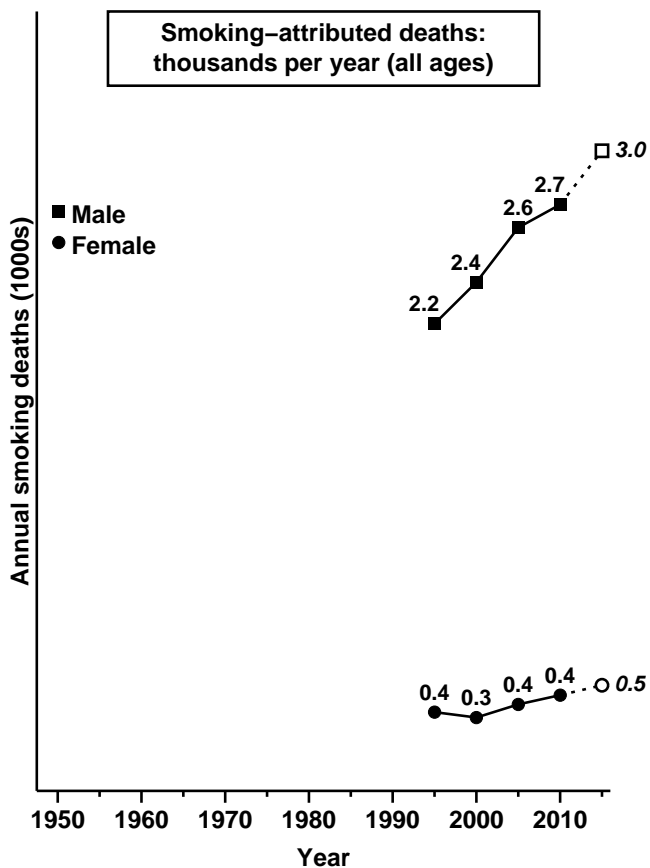
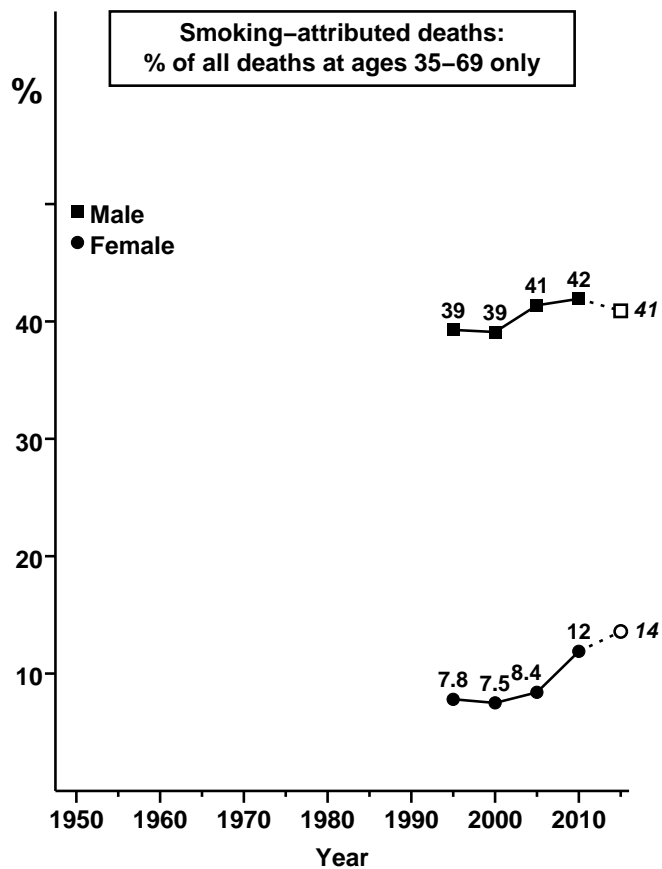
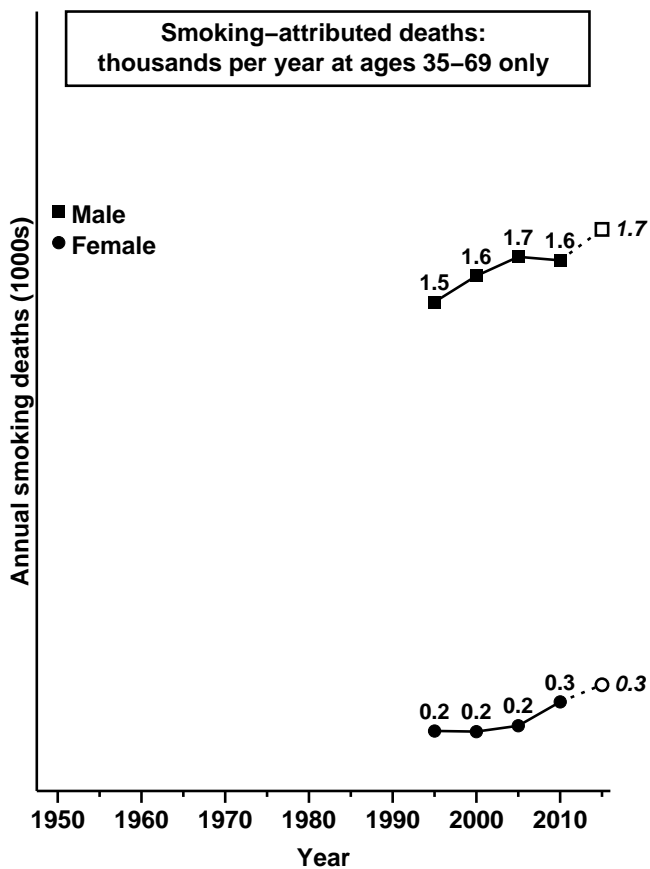
\*Estimated as 10 times the sum of the annual numbers for 1995, 2005 and 2015

**1990–2020, by age & sex:**

–/16	49/121 <b>(41%)</b>	29/159 <b>(18%)</b>	78/296	–/9.7	7.2/72 <b>(10%)</b>	5.4/175 <b>(3%)</b>	13/256
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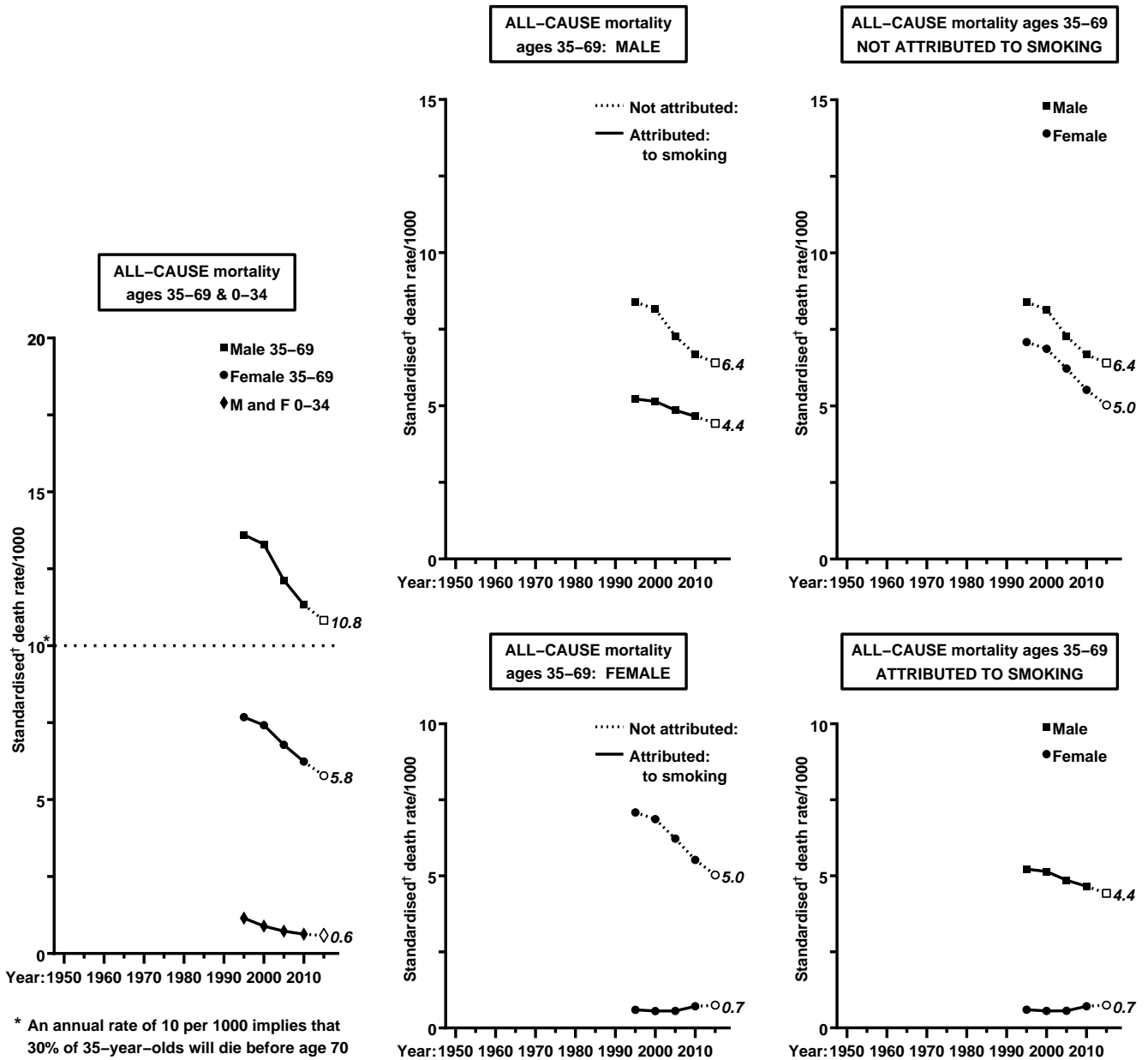


1995-2015: The Former Yugoslav Republic of MACEDONIA



**MACEDONIA, The Former Yugoslav Republic of: 1995-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

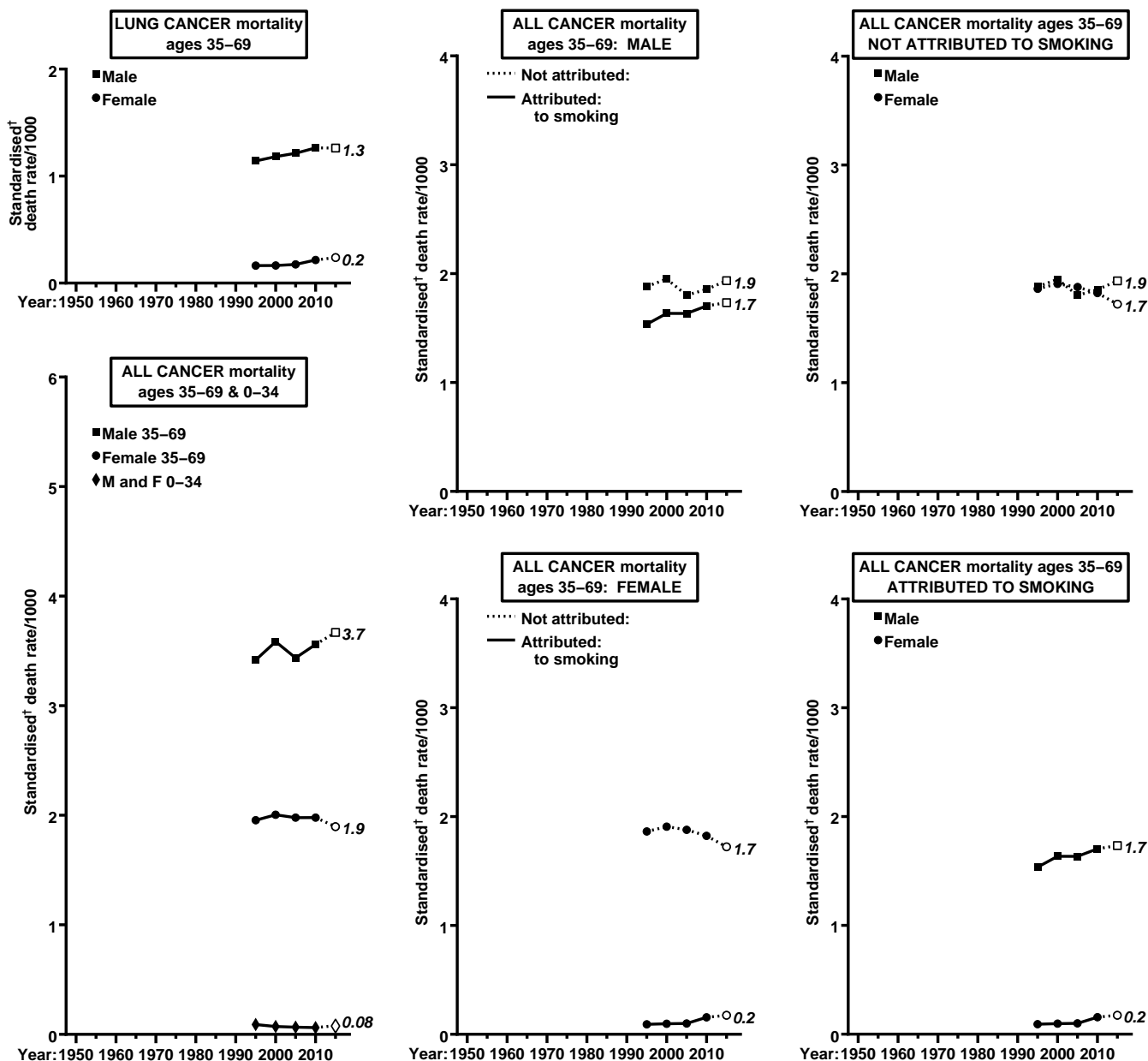


Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79		
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1985	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1990	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1995	-	1.33	5.22	8.39	14.0	69.0	-	0.97	0.59	7.08	2.93	61.6	-	0.71	5.52	1.86	50.2
2000	-	1.08	5.14	8.15	13.8	64.6	-	0.69	0.56	6.86	2.22	57.5	-	0.47	5.52	1.86	50.2
2005	-	0.89	4.85	7.27	14.8	61.9	-	0.55	0.56	6.22	2.39	52.8	-	0.47	5.52	1.86	50.2
2010	-	0.78	4.65	6.67	14.7	56.2	-	0.47	0.71	5.52	1.86	50.2	-	0.44	5.03	1.26	48.0
2015	-	0.74	4.42	6.40	14.6	50.5	-	0.44	0.75	5.03	1.26	48.0	-	0.44	5.03	1.26	48.0

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

1995-2015: The Former Yugoslav Republic of MACEDONIA

ALL CANCER mortality rates attributed and not attributed to smoking



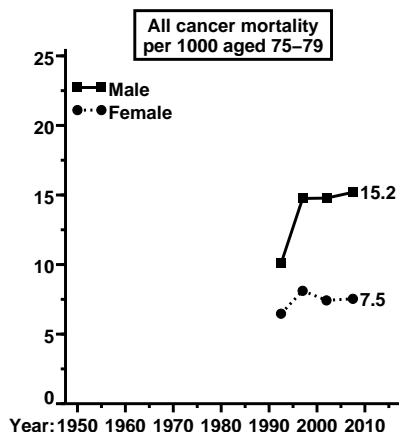
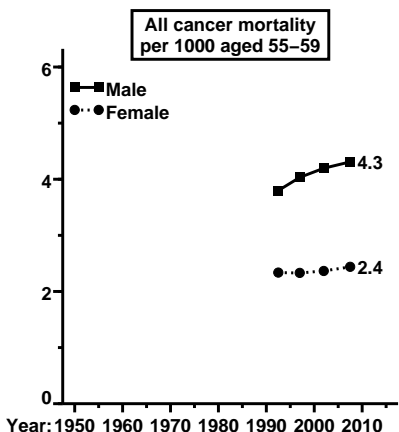
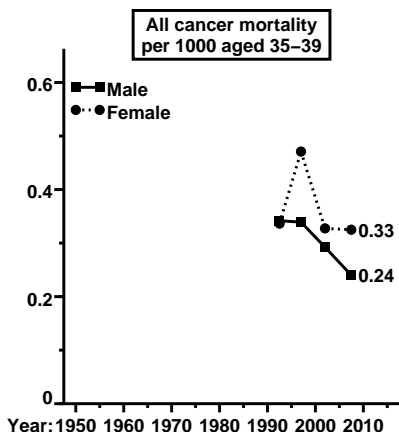
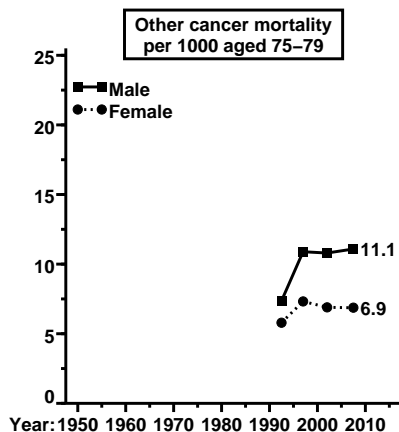
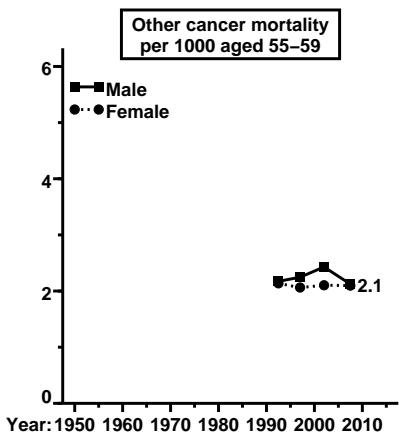
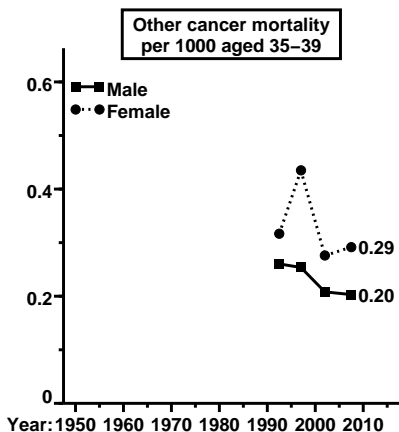
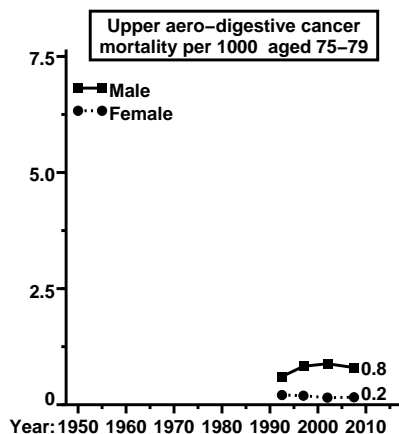
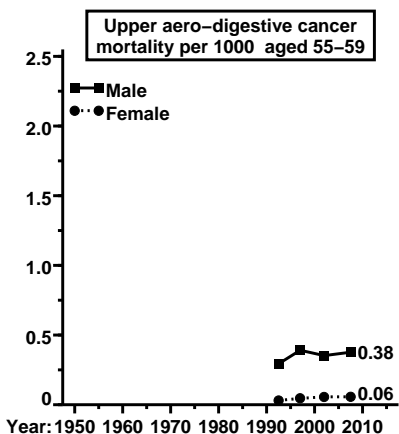
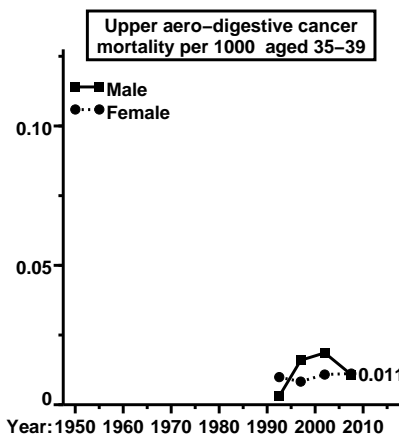
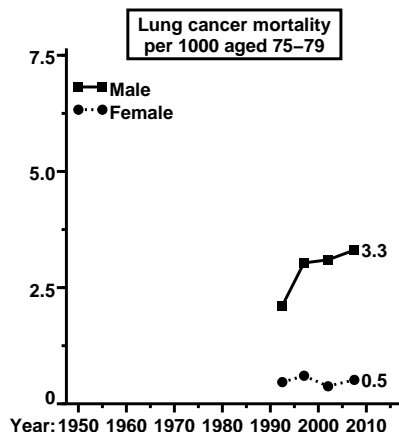
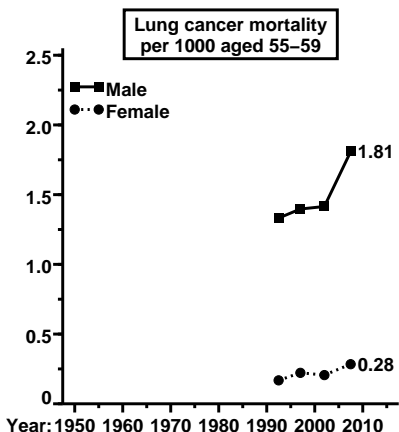
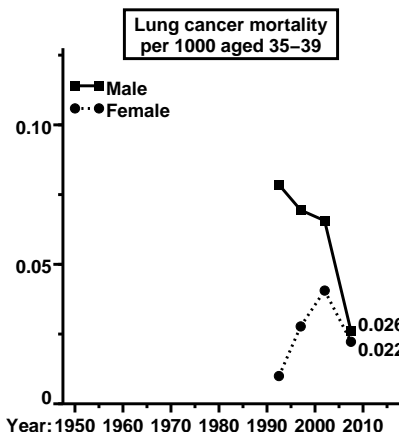
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	
1985	...	...	...	...	...	...	...	...	...	...	...	
1990	...	...	...	...	...	...	...	...	...	...	...	
1995	-	0.09	1.53	1.88	3.36	8.72	-	0.08	0.09	1.86	0.29	6.37
2000	-	0.07	1.63	1.95	3.75	9.59	-	0.07	0.10	1.91	0.23	6.47
2005	-	0.07	1.63	1.80	4.17	9.37	-	0.06	0.10	1.88	0.30	6.42
2010	-	0.07	1.70	1.86	4.49	9.54	-	0.06	0.16	1.82	0.26	6.73
2015	-	0.10	1.73	1.94	4.86	9.21	-	0.05	0.17	1.72	0.19	6.80

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

**MACEDONIA, The Former Yugoslav Republic of: 1991-2010**

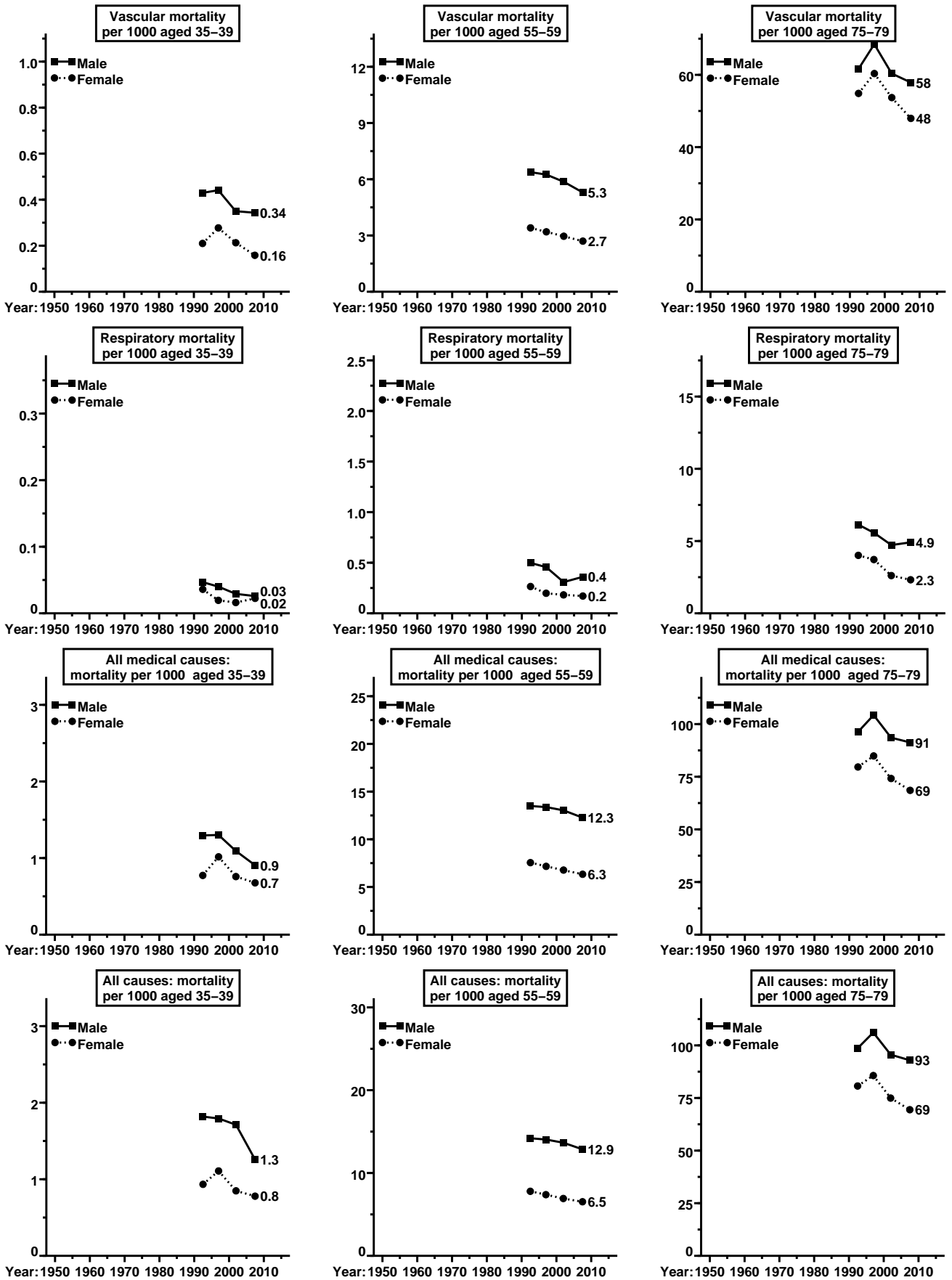
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1990–94,.....,2000–04; then 6–year average 2005–10

**1991-2010: The Former Yugoslav Republic of MACEDONIA**

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



\* Annual mortality per 1000: averages of years available in 1990-94,.....,2000-04; then 6-year average 2005-10

## MALTA: 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	1489	54	473	607.1	58.8	530.8	149.6	-	16.4	37.6	60.9	39.5	107.5
	F	1521	22	281	424.5	29.9	292.3	116.7	-	22.1	7.1	29.5	27.9	6.2
Tuberculosis	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	0.4	-	-	-	-	-	-	-	-	-
Other infective and parasitic	M	1	-	1	0.5	-	1.0	-	-	-	-	-	-	-
	F	3	-	-	0.9	-	-	-	-	-	-	-	-	-
ALL CANCER	M	455	5	215	179.0	5.2	241.1	-	-	16.4	7.5	-	-	12.6
	F	397	3	170	130.2	4.0	175.4	10.6	-	7.4	-	9.8	-	-
Mouth and pharynx cancer	M	12	-	8	5.3	-	9.1	-	-	-	-	-	-	-
	F	7	-	3	2.2	-	3.1	-	-	-	-	-	-	-
Oesophagus cancer	M	5	-	-	1.8	-	-	-	-	-	-	-	-	-
	F	4	-	-	1.1	-	-	-	-	-	-	-	-	-
Stomach cancer	M	22	-	9	8.5	-	11.2	-	-	-	-	-	-	-
	F	9	-	1	2.8	-	1.0	-	-	-	-	-	-	-
Colorectal cancer	M	60	-	28	23.5	-	31.8	-	-	-	-	-	-	-
	F	51	-	22	15.6	-	23.6	-	-	-	-	-	-	-
Liver cancer	M	8	-	6	3.1	-	6.3	-	-	-	-	-	-	-
	F	4	-	1	1.3	-	0.9	-	-	-	-	-	-	-
Pancreas cancer	M	41	-	23	16.1	-	25.3	-	-	-	-	-	-	-
	F	32	-	14	11.2	-	14.4	-	-	-	-	-	-	-
Larynx cancer	M	4	-	3	1.5	-	3.0	-	-	-	-	-	-	-
	F	1	-	-	0.3	-	-	-	-	-	-	-	-	-
Lung cancer	M	122	-	62	47.1	-	69.7	-	-	-	-	-	-	-
	F	37	-	19	12.6	-	20.0	-	-	-	-	-	-	-
Malignant melanoma	M	3	-	1	1.3	-	1.4	-	-	-	-	-	-	-
	F	3	-	1	1.2	-	1.0	-	-	-	-	-	-	-
Female breast cancer	F	79	-	37	26.6	-	37.9	-	-	-	-	-	-	-
Cervix cancer	F	2	-	-	0.6	-	-	-	-	-	-	-	-	-
Other uterine cancer	F	17	-	8	6.0	-	8.0	-	-	-	-	-	-	-
Ovarian cancer	F	37	-	21	13.3	-	21.5	-	-	-	-	-	-	-
Prostate cancer	M	30	-	4	11.5	-	4.3	-	-	-	-	-	-	-
Bladder cancer	M	29	-	9	11.4	-	9.6	-	-	-	-	-	-	-
	F	4	-	-	1.1	-	-	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	81	1	42	32.2	1.2	46.5	-	-	8.2	-	-	-	-
	F	76	2	30	24.0	2.5	30.3	-	-	7.4	-	9.8	-	-
Hodgkin's disease	M	1	-	1	0.3	-	0.9	-	-	-	-	-	-	-
	F	2	-	-	0.6	-	-	-	-	-	-	-	-	-
Myeloma and non- Hodgkin lymphomas	M	17	1	10	6.9	0.9	11.3	-	-	-	-	-	-	6.3
	F	18	-	8	5.2	-	8.6	-	-	-	-	-	-	-
Leukaemia	M	20	3	9	8.5	3.1	10.6	-	-	8.2	7.5	-	-	6.3
	F	14	1	5	4.6	1.5	4.9	10.6	-	-	-	-	-	-
Diabetes	M	47	-	18	18.8	-	20.3	-	-	-	-	-	-	-
	F	56	-	7	15.0	-	7.3	-	-	-	-	-	-	-
ALL VASCULAR DISEASE	M	510	2	135	206.8	1.8	151.4	-	-	-	-	-	-	12.6
	F	642	3	54	163.9	3.3	56.4	-	-	7.4	-	-	9.3	6.2
Rheumatic heart disease and fever	M	2	-	1	0.7	-	1.4	-	-	-	-	-	-	-
	F	5	-	1	1.5	-	1.1	-	-	-	-	-	-	-
Hypertensive disease	M	7	-	2	3.0	-	2.4	-	-	-	-	-	-	-
	F	26	-	3	5.8	-	3.3	-	-	-	-	-	-	-
Ischaemic heart disease	M	319	1	91	129.3	0.9	101.3	-	-	-	-	-	-	6.3
	F	327	-	23	85.0	-	24.5	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	5	-	1	2.1	-	1.0	-	-	-	-	-	-	-
	F	10	1	1	3.0	1.3	0.9	-	-	-	-	-	9.3	-
Cerebrovascular disease	M	103	1	20	41.4	0.9	22.6	-	-	-	-	-	-	6.3
	F	161	1	12	40.0	1.1	12.2	-	-	7.4	-	-	-	-
Other vascular disease	M	74	-	20	30.4	-	22.8	-	-	-	-	-	-	-
	F	113	1	14	28.6	0.9	14.3	-	-	-	-	-	-	6.2
Chronic obstructive pulmonary disease	M	72	1	8	29.0	1.1	9.1	-	-	-	7.5	-	-	-
	F	18	-	1	4.6	-	1.0	-	-	-	-	-	-	-
Other respiratory disease	M	92	-	10	37.2	-	11.8	-	-	-	-	-	-	-
	F	111	-	10	26.8	-	10.4	-	-	-	-	-	-	-
Peptic ulcer	M	2	-	1	0.9	-	1.0	-	-	-	-	-	-	-
	F	3	-	-	0.8	-	-	-	-	-	-	-	-	-
Liver cirrhosis	M	16	-	11	6.2	-	13.0	-	-	-	-	-	-	-
	F	4	-	2	1.4	-	2.2	-	-	-	-	-	-	-
Renal disease	M	22	-	3	8.9	-	2.9	-	-	-	-	-	-	-
	F	28	-	4	7.1	-	4.5	-	-	-	-	-	-	-
Pregnancy, birth Congenital and perinatal causes	F	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	14	12	-	10.0	16.6	-	109.7	-	-	-	6.8	-	-
	F	13	10	1	9.5	15.2	0.9	106.1	-	-	-	-	-	-
Ill-defined causes	M	17	2	4	7.2	1.9	4.1	-	-	-	-	6.8	6.6	-
	F	16	-	1	3.5	-	1.1	-	-	-	-	-	-	-
Other medical causes	M	152	9	26	62.2	10.3	30.6	39.9	-	-	-	13.5	-	19.0
	F	199	-	23	49.8	-	24.5	-	-	-	-	-	-	-
ALL NON- MEDICAL CAUSES	M	89	23	41	40.5	21.8	44.5	-	-	-	22.6	33.9	32.9	63.2
	F	30	6	8	10.5	7.5	8.4	-	-	7.4	7.1	19.7	18.6	-
Road traffic accidents	M	11	6	3	5.0	5.7	3.4	-	-	-	7.5	6.8	-	25.3
	F	5	4	-	2.6	4.8	-	-	-	7.4	7.1	9.8	9.3	-
Fire	M	1	-	-	0.4	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Suicide	M	29	6	20	14.1	5.9	21.4	-	-	-	15.1	6.8	6.6	12.6
	F	2	-	2	0.7	-	2.1	-	-	-	-	-	-	-
<b>POPULATION:</b>														
<b>(1000s; UN, 2015 revision)</b>			<b>M=male</b>		204.7	91.9	94.2	10.0	10.6	12.2	13.3	14.8	15.2	15.8
			<b>F=female</b>		207.4	85.6	96.7	9.4	11.3	13.6	14.1	10.2	10.8	16.3

2010: MALTA

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			
101.2	178.0	178.0	359.7	597.4	929.4	1372.0	2078.6	4902.9	11102.2	M	ALL CAUSES	001-999/A00-Y89
21.1	60.8	136.1	211.5	288.2	606.8	721.6	1459.2	4315.2	8601.2	F		
-	-	-	-	-	-	-	-	-	-	M	Tuberculosis	010-018, 137/ A15-A19, B90
7.2	-	-	-	-	-	-	-	18.8	-	F	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
-	-	-	-	-	-	-	-	37.5	10.2	F		
7.2	23.2	54.8	148.1	280.2	517.8	656.2	897.1	1310.4	1900.4	M	ALL CANCER	140-208/C00-C97
21.1	30.4	93.1	155.1	184.7	382.5	360.8	533.4	1275.8	1050.9	F		
-	15.5	6.8	14.1	7.4	-	19.9	21.9	22.6	20.0	M	Mouth and pharynx cancer	140-149/C00-C14
-	-	-	-	7.4	6.6	8.0	-	37.5	20.4	F		
-	-	-	-	-	-	-	32.8	-	40.0	M	Oesophagus cancer	150/C15
-	-	-	-	-	-	-	10.1	18.8	20.4	F		
-	-	-	-	22.1	6.6	49.7	65.6	45.2	100.0	M	Stomach cancer	151/C16
-	-	7.2	-	-	-	-	10.1	56.3	40.8	F		
-	-	6.8	7.0	29.5	79.7	99.4	65.6	180.8	360.1	M	Colorectal cancer	153, 154/C18-C21
-	-	-	14.1	29.6	33.0	88.2	40.2	150.1	173.4	F		
-	-	-	7.0	7.4	19.9	9.9	10.9	-	20.0	M	Liver cancer	155.0/C22 excl C221
-	-	-	-	-	6.6	-	-	37.5	10.2	F		
-	7.7	-	14.1	29.5	66.4	59.6	54.7	113.0	160.0	M	Pancreas cancer	157/C25
-	7.6	7.2	21.1	14.8	26.4	24.1	30.2	168.9	61.2	F		
-	-	-	-	7.4	13.3	-	-	-	20.0	M	Larynx cancer	161/C32
-	-	-	-	-	-	-	10.1	-	-	F		
-	-	13.7	49.4	66.4	159.3	198.8	306.3	361.5	320.1	M	Lung cancer	162/C33, C34
-	15.2	-	21.1	14.8	33.0	56.1	60.4	112.6	61.2	F		
-	-	-	-	-	-	9.9	-	45.2	-	M	Malignant melanoma	172/C43
-	-	-	7.0	-	-	-	10.1	18.8	-	F		
7.0	-	14.3	42.3	51.7	85.7	64.1	110.7	281.4	163.2	F	Female breast cancer	174/C50
-	-	-	-	-	-	-	20.1	-	-	F	Cervix cancer	180/C53
-	-	-	14.1	7.4	26.4	8.0	40.2	75.0	10.2	F	Other uterine cancer	179, 182/C54, C55
7.0	-	28.6	21.1	22.2	39.6	32.1	80.5	75.0	40.8	F	Ovarian cancer	183/C56, C570-C574
-	-	-	7.0	-	13.3	9.9	98.5	67.8	280.1	M	Prostate cancer	185/C61
-	-	-	7.0	7.4	33.2	19.9	43.8	135.6	200.0	M	Bladder cancer	188/C67
-	-	-	-	-	-	-	10.1	18.8	20.4	F		
7.2	-	27.4	28.2	73.8	79.7	109.4	175.0	158.2	300.1	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
-	7.6	21.5	7.0	37.0	98.9	40.1	80.5	187.6	265.3	F		
-	-	-	-	-	6.6	-	-	-	-	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	-	-	18.8	10.2	F		
7.0	-	-	7.0	22.1	19.9	29.8	21.9	67.8	20.0	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	-	-	-	-	13.2	40.1	20.1	18.8	71.4	F		
-	-	-	7.0	7.4	19.9	39.8	-	113.0	60.0	M	Leukaemia	204-208/C91-C95
-	-	14.3	7.0	-	13.2	-	-	-	81.6	F		
-	-	6.8	21.2	14.8	39.8	59.6	65.6	158.2	320.1	M	Diabetes	250/E10-E14
-	-	-	-	7.4	19.8	24.1	60.4	225.1	316.3	F		
7.2	54.2	68.5	127.0	206.5	219.1	377.8	656.4	2010.8	4480.9	M	ALL VASCULAR DISEASE	390-459/I00-I99
-	15.2	14.3	35.2	59.1	118.7	152.3	533.4	1932.5	4377.1	F		
-	-	-	-	-	-	9.9	10.9	-	-	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	-	8.0	-	37.5	20.4	F		
-	-	6.8	-	-	-	9.9	-	45.2	60.0	M	Hypertensive disease	401-405/I10-I15
-	-	7.2	-	-	-	16.0	-	-	234.7	F		
7.2	15.5	41.1	91.7	162.2	152.7	238.6	426.6	1310.4	2600.5	M	Ischaemic heart disease	410-414/I20-I25
-	7.6	7.2	21.1	22.2	33.0	80.2	301.9	1238.3	2122.2	F		
-	-	6.8	-	-	-	-	10.9	45.2	20.0	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
-	-	-	-	-	6.6	-	10.1	37.5	51.0	F		
-	7.7	-	14.1	36.9	39.8	59.6	142.2	429.3	1000.2	M	Cerebrovascular disease	430-438/I60-I69
-	-	-	7.0	14.8	39.6	24.1	120.8	412.8	1163.2	F		
-	30.9	13.7	21.2	7.4	26.6	59.6	65.6	180.8	800.2	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
-	7.6	-	7.0	22.2	39.6	24.1	100.6	206.4	785.6	F		
-	-	-	-	7.4	26.6	29.8	98.5	429.3	700.1	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	-	-	7.0	-	-	-	30.2	37.5	122.4	F		
-	15.5	-	7.0	7.4	13.3	39.8	65.6	248.5	1300.3	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
-	-	-	7.0	7.4	26.4	32.1	100.6	187.6	826.5	F		
-	-	-	7.0	-	-	-	-	-	20.0	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	-	-	-	-	18.8	20.4	F		
-	-	6.8	7.0	7.4	19.9	49.7	43.8	22.6	-	M	Liver cirrhosis	571/K70, K74
-	-	-	-	7.4	-	8.0	10.1	18.8	-	F		
-	-	-	-	-	19.9	-	21.9	203.3	160.0	M	Renal disease	580-590/N00-N19
-	-	-	-	7.4	-	24.1	10.1	75.0	193.9	F		
-	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth Congenital and perinatal causes	630-676/A34, O00-O99 740-779/A33, P00-P96, Q00-Q99
-	-	-	-	-	6.6	-	10.1	18.8	-	F	Ill-defined causes	780-799/R00-R99
-	-	-	7.0	14.8	6.6	-	-	45.2	180.0	M		
-	-	-	-	-	-	8.0	-	18.8	142.8	F		
-	15.5	6.8	-	29.5	53.1	109.4	186.0	361.5	1680.3	M	Other medical causes	Rest of 001-799/ rest of A00-R99
-	7.6	21.5	-	14.8	39.6	88.2	150.9	431.5	1408.0	F		
79.5	69.7	34.2	35.3	29.5	13.3	49.7	32.8	113.0	340.1	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
-	7.6	7.2	7.0	-	13.2	24.1	20.1	18.8	132.6	F		
7.2	-	6.8	-	-	-	9.9	-	22.6	20.0	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
-	-	-	-	-	-	-	10.1	-	-	F		
-	-	-	-	-	-	-	-	-	20.0	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	-	-	-	F		
36.2	61.9	6.8	21.2	7.4	6.6	9.9	10.9	22.6	20.0	M	Suicide	E950-E959/X60-X84
-	-	-	-	-	6.6	8.0	-	-	-	F		
13.8	12.9	14.6	14.2	13.6	15.1	10.1	9.1	4.4	5.0	M	POPULATION	
14.2	13.2	14.0	14.2	13.5	15.2	12.5	9.9	5.3	9.8	F	(1000s; UN, 2015 revision)	

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

Age range (years)	Deaths attributed to SMOKING /total deaths		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 56	– / 31	–
35–69	131 / 501	11 / 293	<b>22 years</b>
70+	256 / 1093	63 / 1261	7 years
All ages	387 / 1650	74 / 1585	12 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	–/0	47/54	67/74	114/128	–/0	5/15	8/15	13/30
All Cancer	–/6	65/198 (33%)	94/266 (35%)	159/470	–/4	5/162 (3%)	13/225 (6%)	18/391
Vascular	–/2	47/170	91/483	138/655	–/3	5/67	32/621	37/691
Respiratory	–/0	10/21	52/133	62/154	–/0	0/10	10/114	10/124
All Other	–/43	9/110	19/210	28/363	–/22	1/51	8/300	9/373
All Causes	–/56	131/501 (26%)	256/1093 (23%)	387/1650	–/31	11/293 (4%)	63/1261 (5%)	74/1585

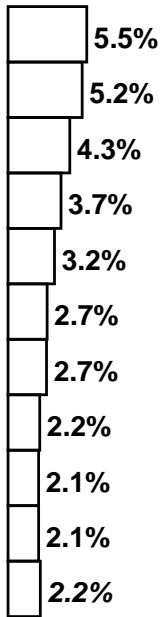
**Cancer deaths, and all deaths, attributed to SMOKING / total deaths in the year 2010**

Cause	Male	Female	Male + Female
All Cancer	159 / 470 (34%)	18 / 391 (5%)	177 / 861 (21%)
All Causes	387 / 1650 (23%)	74 / 1585 (5%)	461 / 3235 (14%)



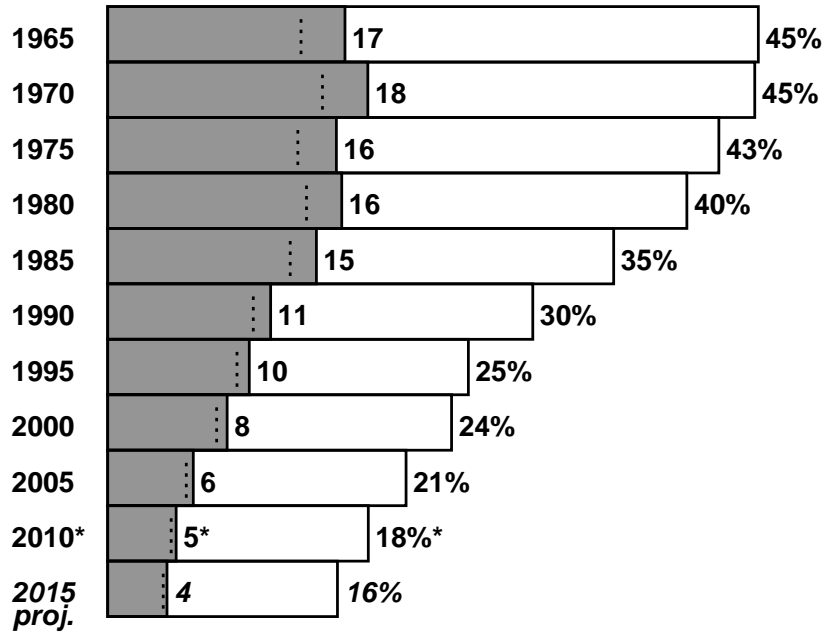
1965-2015: MALTA

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)

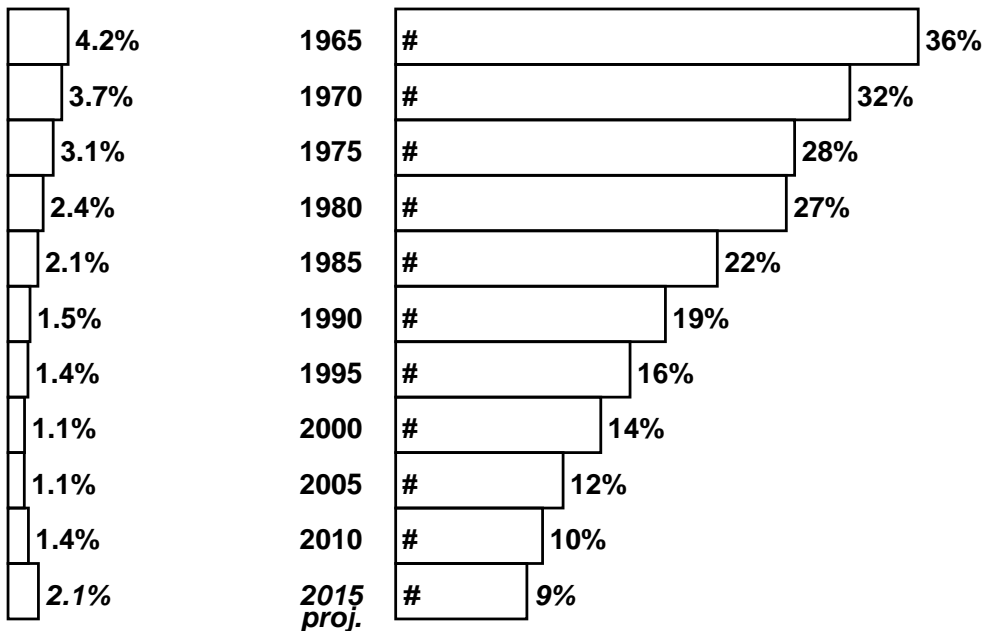
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

**MALTA: 1960-2015****Relative importance of deaths in MIDDLE age (35–69), 2015 projections**

Age range (years)	Deaths attributed to SMOKING /total deaths		Mean years lost PER DEATH FROM SMOKING
	Male	Female	
0–34	– / 57	– / 44	–
35–69	125 / 486	31 / 268	<b>24 years</b>
70+	323 / 1175	120 / 1268	7 years
<b>All ages</b>	<b>448 / 1718</b>	<b>151 / 1580</b>	<b>11 years</b>

**Numbers of deaths attributed to smoking / total deaths**

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	–/165	237/631 (38%)	67/747 (9%)	304/1543	–/117	0/486	0/835	0/1438
1975	–/113	235/616 (38%)	145/806 (18%)	380/1535	–/81	1/426	0/923	1/1430
1985	–/94	226/540 (42%)	188/891 (21%)	414/1525	–/58	0/361	0/1029	0/1448
1995	–/75	174/451 (39%)	234/901 (26%)	408/1427	–/37	0/305	0/981	0/1323
2005	–/56	124/466 (27%)	233/1065 (22%)	357/1587	–/26	4/301	30/1208	34/1535
2015 proj.	–/57	125/486 (26%)	323/1175 (27%)	448/1718	–/44	31/268	120/1268 (9%)	151/1580

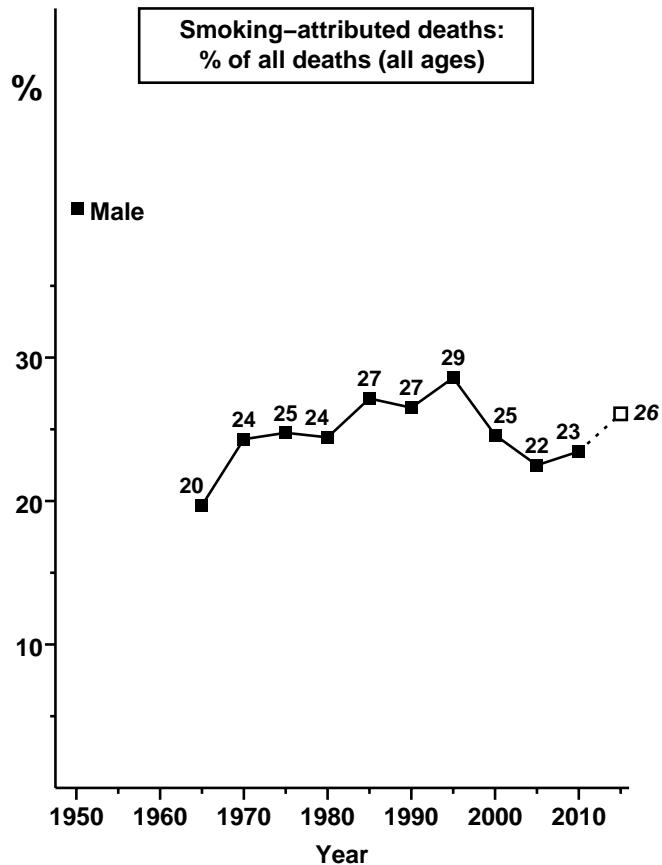
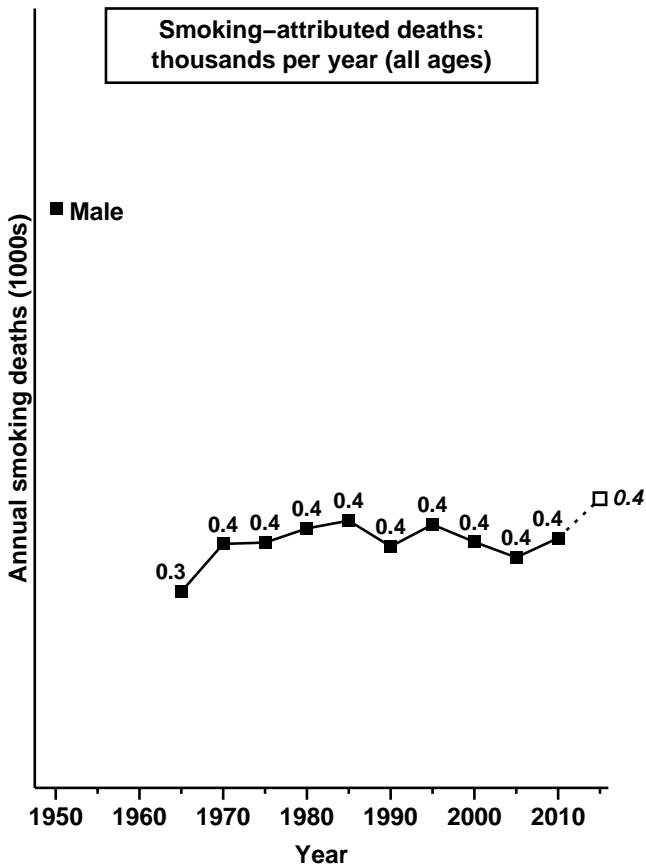
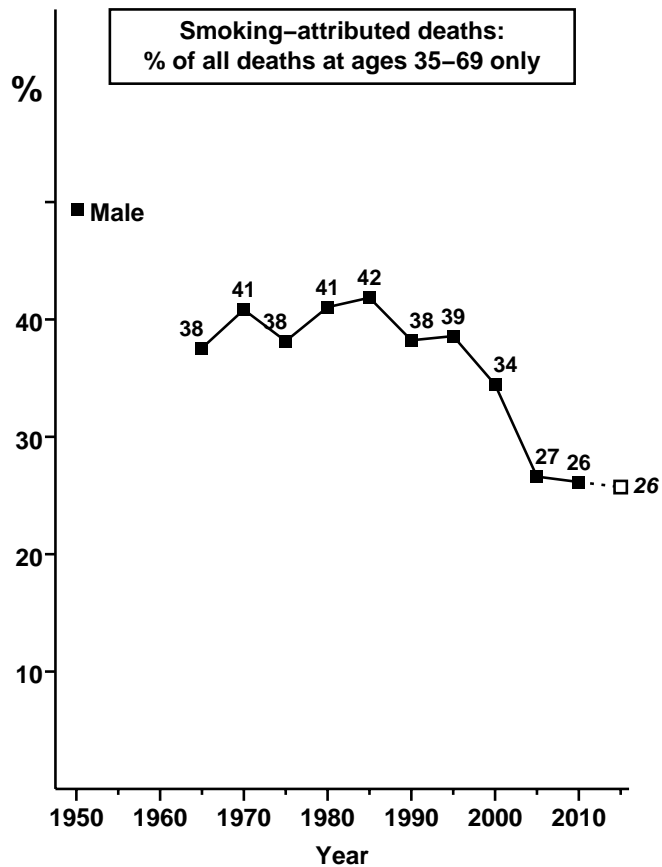
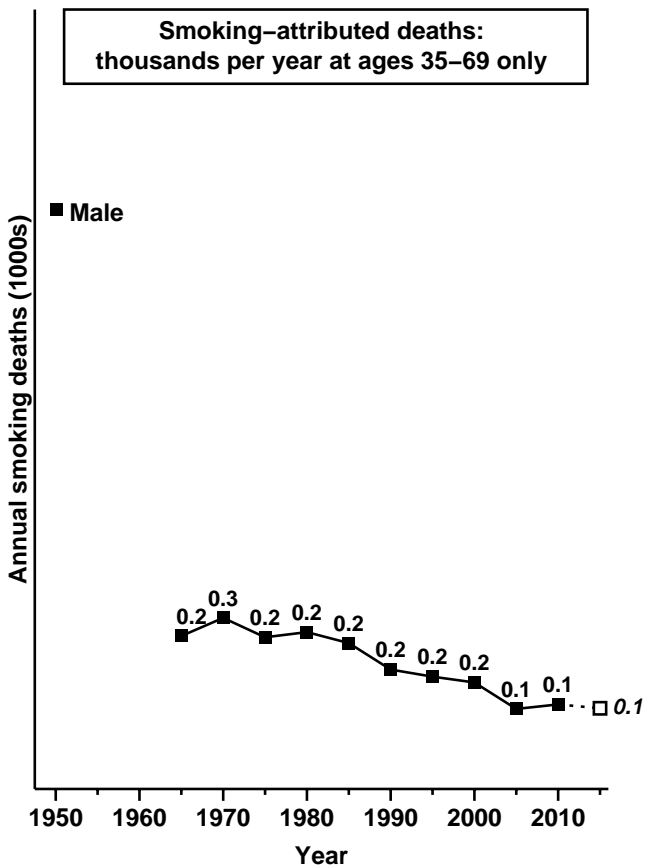
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 25 / 181**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

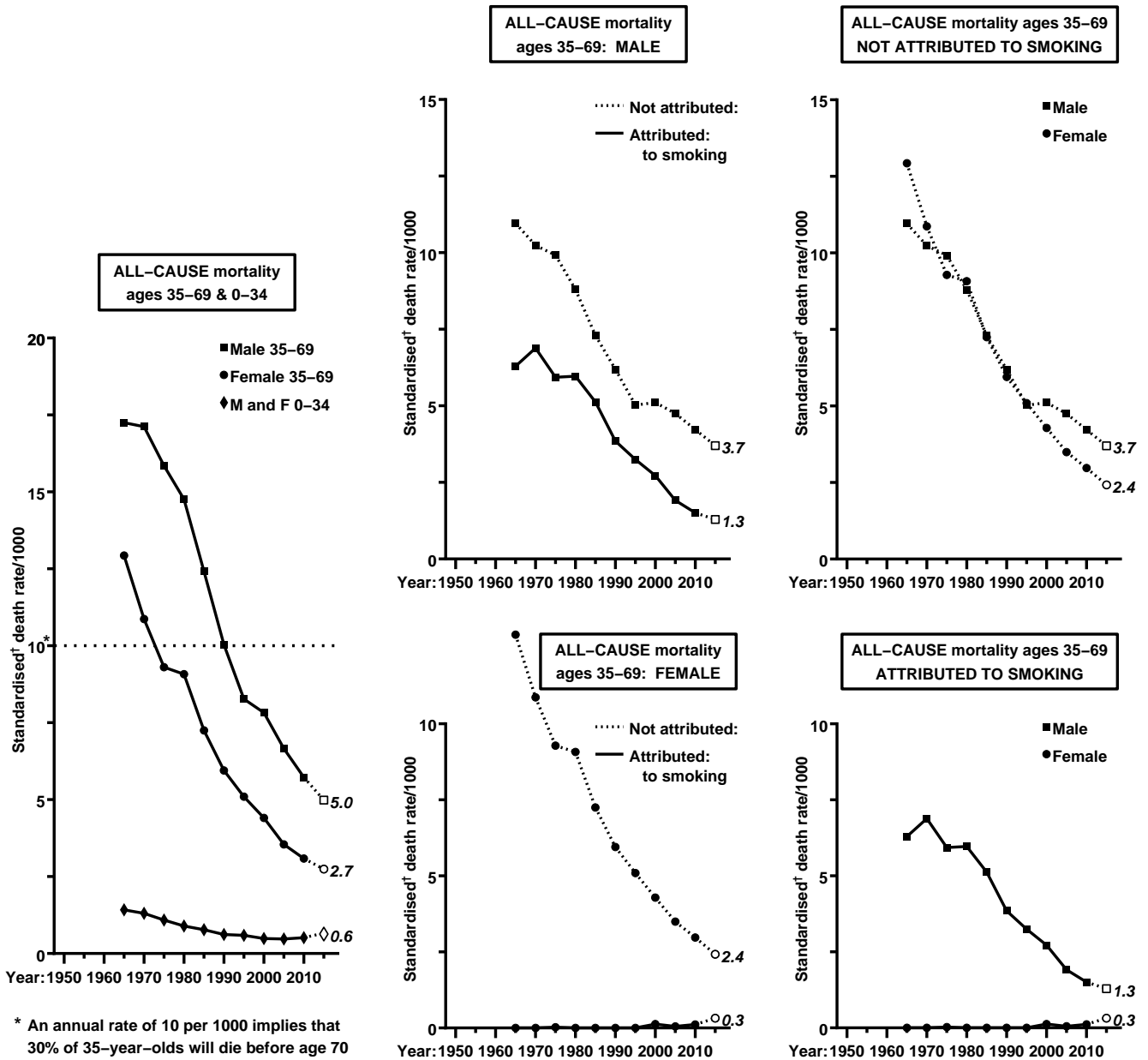
–/5.6	11/32 (35%)	12/56 (21%)	23/93	–/3.6	0.4/21 (2%)	1.5/62 (2%)	1.9/88
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1965-2015: MALTA



**MALTA: 1965-2015**

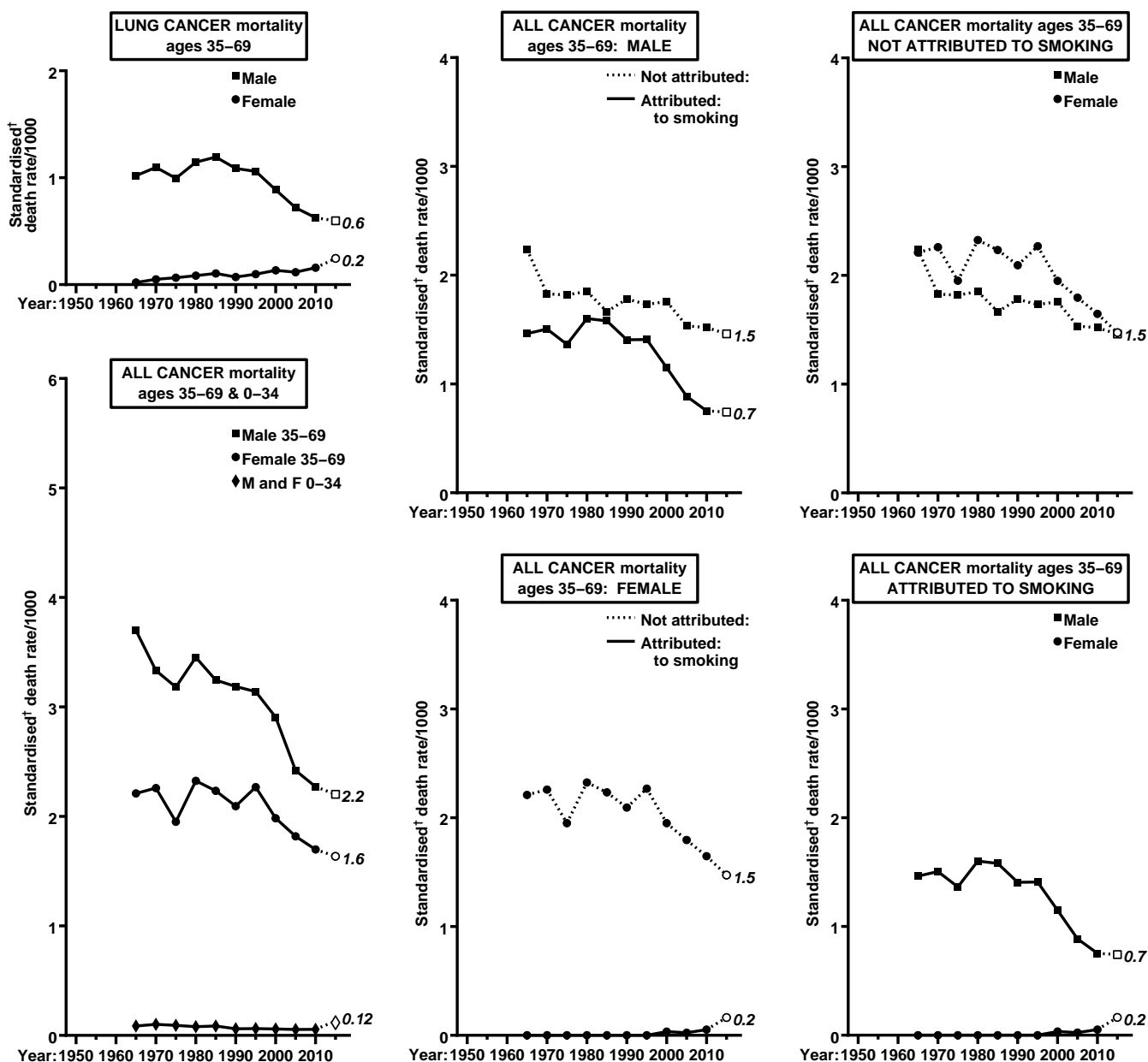
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause 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	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.61	6.29	11.0	9.75	84.2	-	1.22	0.00	12.9	0.00	75.9	0.00	77.0
1970	-	1.51	6.88	10.2	14.0	73.5	-	1.09	0.00	10.9	0.00	77.0	0.00	77.0
1975	-	1.26	5.93	9.92	15.9	66.8	-	0.91	0.02	9.28	0.00	73.8	0.00	73.8
1980	-	1.07	5.96	8.79	16.9	71.7	-	0.71	0.00	9.07	0.00	69.3	0.00	69.3
1985	-	0.94	5.12	7.29	18.3	59.5	-	0.60	0.00	7.25	0.00	53.0	0.00	53.0
1990	-	0.79	3.85	6.19	16.1	48.9	-	0.44	0.00	5.95	0.00	43.1	0.00	43.1
1995	-	0.78	3.24	5.02	16.5	43.2	-	0.40	0.00	5.09	0.00	38.0	0.00	38.0
2000	-	0.64	2.72	5.11	13.1	43.7	-	0.33	0.12	4.28	1.51	34.1	0.79	27.9
2005	-	0.61	1.91	4.75	12.4	35.1	-	0.33	0.05	3.49	0.79	27.9	1.29	25.8
2010	-	0.62	1.50	4.22	10.2	28.9	-	0.41	0.11	2.97	1.29	25.8	2.13	24.6
2015	-	0.65	1.29	3.70	9.84	23.5	-	0.61	0.32	2.42	2.13	24.6	2.13	24.6

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

ALL CANCER mortality rates attributed and not attributed to smoking



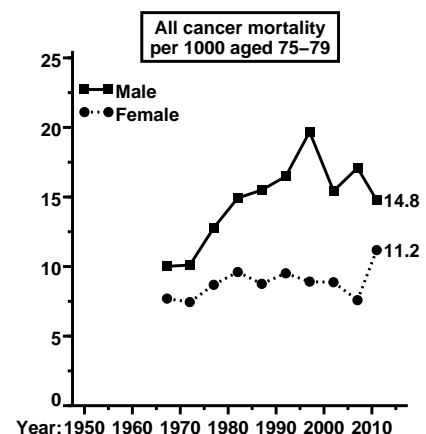
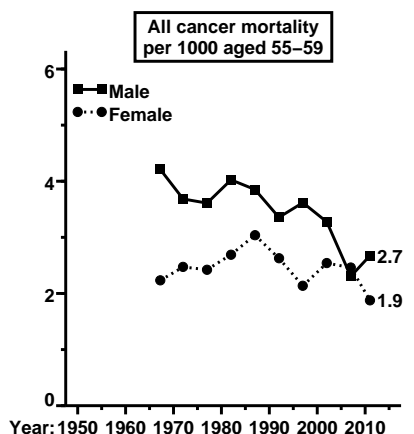
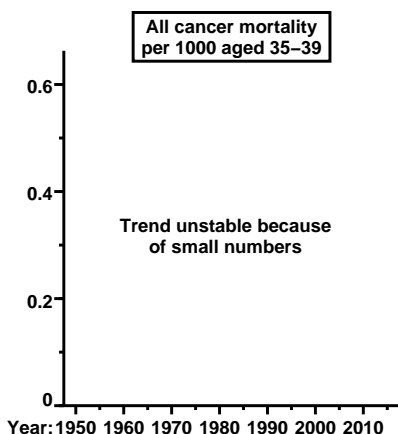
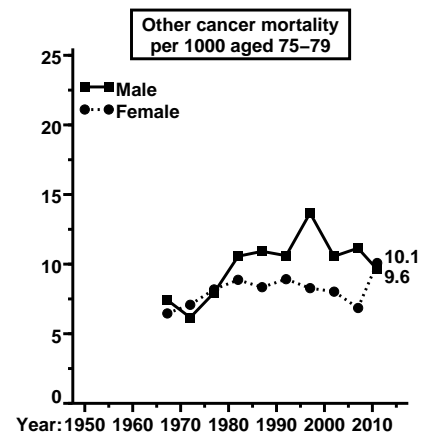
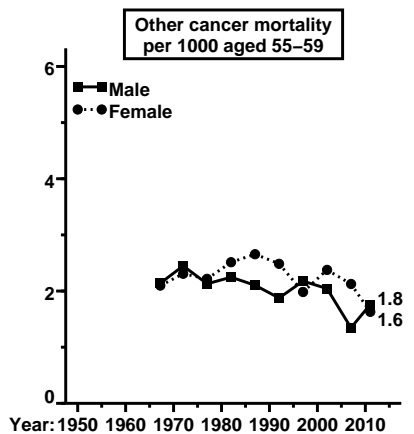
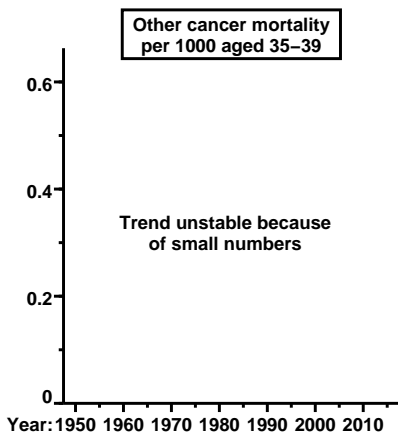
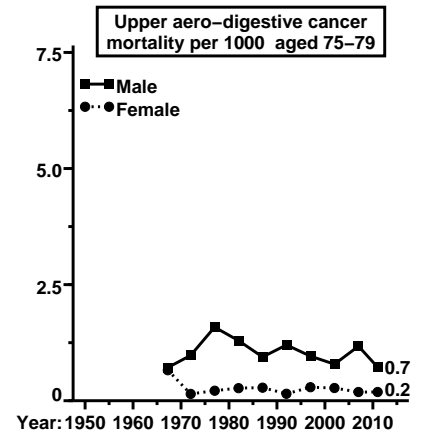
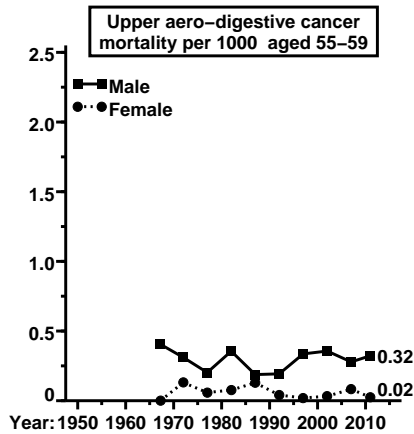
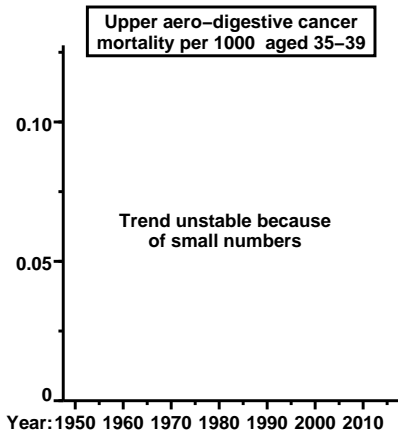
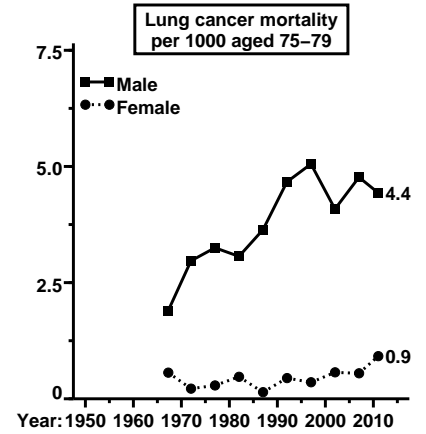
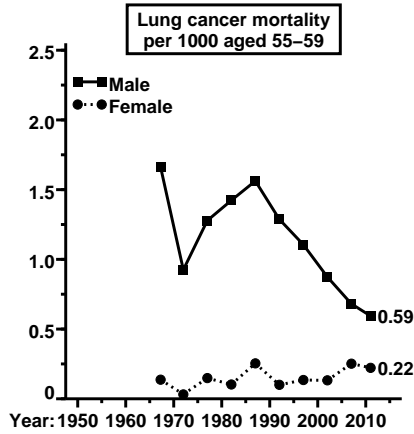
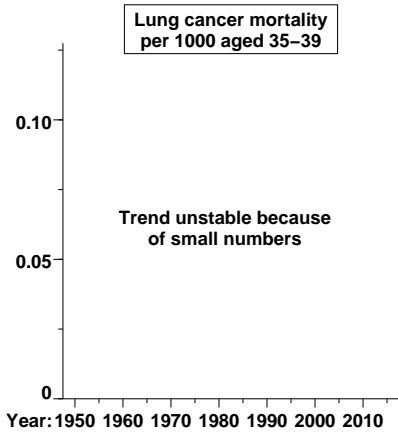
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79		
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.06	1.46	2.24	1.82	7.58	-	0.11	0.00	2.21	0.00	7.62	0.00	7.62	0.00	7.62	0.00
1970	-	0.11	1.50	1.83	2.75	6.87	-	0.09	0.00	2.26	0.00	7.72	0.00	7.72	0.00	7.72	0.00
1975	-	0.09	1.36	1.82	3.46	6.92	-	0.10	0.00	1.95	0.00	7.24	0.00	7.24	0.00	7.24	0.00
1980	-	0.07	1.60	1.85	4.15	8.90	-	0.09	0.00	2.32	0.00	8.64	0.00	8.64	0.00	8.64	0.00
1985	-	0.10	1.58	1.67	5.32	8.81	-	0.07	0.00	2.23	0.00	8.17	0.00	8.17	0.00	8.17	0.00
1990	-	0.05	1.41	1.78	5.15	9.27	-	0.07	0.00	2.09	0.00	7.82	0.00	7.82	0.00	7.82	0.00
1995	-	0.09	1.41	1.73	5.79	10.4	-	0.03	0.00	2.27	0.00	8.55	0.00	8.55	0.00	8.55	0.00
2000	-	0.06	1.15	1.76	4.74	10.1	-	0.05	0.03	1.95	0.30	7.56	0.30	7.56	0.30	7.56	0.30
2005	-	0.06	0.89	1.53	4.69	8.59	-	0.05	0.02	1.79	0.22	7.01	0.22	7.01	0.22	7.01	0.22
2010	-	0.06	0.75	1.52	4.66	8.04	-	0.05	0.05	1.65	0.39	7.12	0.39	7.12	0.39	7.12	0.39
2015	-	0.07	0.74	1.46	5.17	7.26	-	0.16	0.16	1.47	0.73	7.59	0.73	7.59	0.73	7.59	0.73

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

**MALTA: 1965-2012**

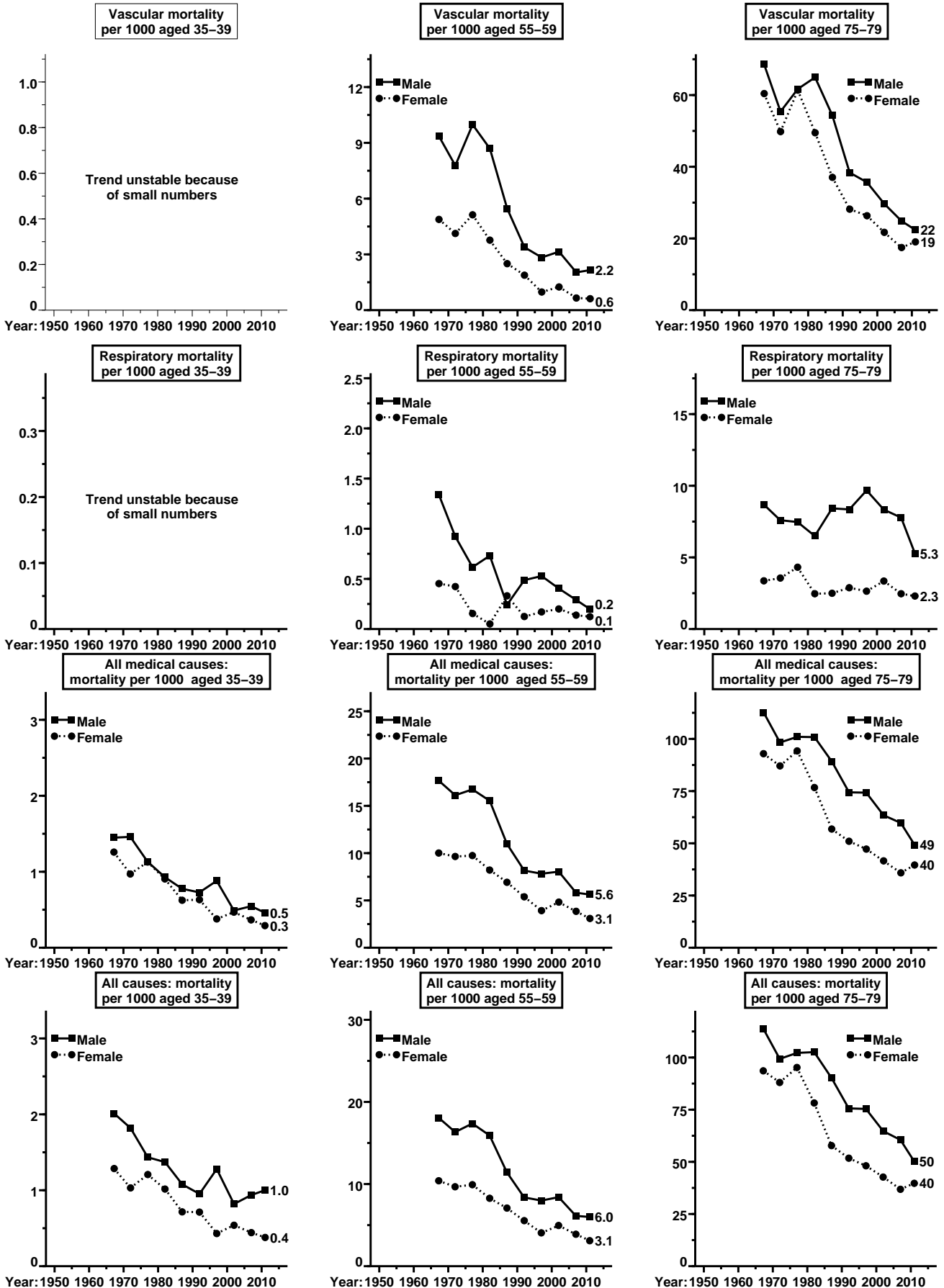
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 3-year average 2010–12

1965-2012: MALTA

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 3-year average 2010-12

## MOLDOVA, Republic of: 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	23211	1537	12584	1439.4	143.1	1926.1	297.5	25.9	30.5	71.0	119.9	167.4	289.8
	F	20420	612	6937	850.1	64.5	932.6	199.7	25.6	23.3	31.2	30.6	52.1	88.8
Tuberculosis	M	468	78	371	23.9	6.5	42.8	-	-	-	1.2	3.3	15.7	25.5
	F	67	16	46	3.0	1.3	5.0	-	-	-	-	1.0	5.0	3.2
Other infective and parasitic	M	82	35	46	4.3	3.5	5.2	11.5	-	-	-	-	6.5	6.4
	F	58	26	24	2.8	2.7	2.8	6.5	1.0	0.8	-	1.5	1.7	7.1
ALL CANCER	M	3231	106	2182	197.8	9.5	350.6	9.7	5.5	4.8	9.5	11.5	10.3	15.3
	F	2401	95	1415	106.8	8.9	183.1	2.8	3.9	9.2	4.9	5.4	10.1	25.7
Mouth and pharynx cancer	M	228	8	186	13.1	0.7	27.1	-	-	0.8	0.6	1.0	1.1	1.3
	F	25	2	13	1.1	0.2	1.4	-	-	-	0.6	-	-	0.6
Oesophagus cancer	M	64	-	49	3.8	-	7.5	-	-	-	-	-	-	-
	F	6	1	2	0.3	0.1	0.3	-	-	-	-	-	-	0.6
Stomach cancer	M	312	3	211	19.5	0.3	35.4	-	-	-	-	-	0.5	1.3
	F	170	5	92	7.4	0.4	10.9	-	-	-	0.6	0.5	0.6	1.3
Colorectal cancer	M	374	4	227	23.7	0.4	39.5	0.9	-	-	-	-	0.5	1.3
	F	346	5	180	15.2	0.4	25.4	-	-	-	-	0.5	-	2.6
Liver cancer	M	260	5	184	15.8	0.4	28.8	-	0.9	-	-	1.0	0.5	0.6
	F	154	2	76	6.6	0.2	9.5	-	-	-	-	-	0.6	0.6
Pancreas cancer	M	190	2	135	11.7	0.2	21.1	-	-	-	-	-	-	1.3
	F	155	-	79	6.8	-	10.8	-	-	-	-	-	-	-
Larynx cancer	M	138	-	108	8.2	-	16.3	-	-	-	-	-	-	-
	F	5	-	2	0.2	-	0.2	-	-	-	-	-	-	-
Lung cancer	M	746	9	554	45.4	0.8	88.1	-	-	-	1.2	0.5	1.1	2.5
	F	181	4	98	8.0	0.4	13.4	-	-	0.8	-	-	-	1.9
Malignant melanoma	M	28	1	19	1.6	0.1	2.7	-	-	-	-	0.5	-	-
	F	27	1	16	1.2	0.1	2.0	-	-	-	-	-	-	0.6
Female breast cancer	F	457	4	313	20.6	0.4	39.5	-	-	-	-	-	0.6	1.9
Cervix cancer	F	192	13	129	8.7	1.2	15.5	-	-	-	-	-	1.1	7.1
Other uterine cancer	F	108	1	70	4.9	0.1	9.2	-	-	-	-	-	-	0.6
Ovarian cancer	F	99	9	68	4.5	0.8	8.5	-	1.0	0.8	-	1.5	1.1	1.3
Prostate cancer	M	200	-	82	13.6	-	17.2	-	-	-	-	-	-	-
Bladder cancer	M	113	-	56	7.5	-	10.4	-	-	-	-	-	-	-
	F	17	-	8	0.7	-	1.1	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	434	42	292	25.7	3.9	45.0	6.2	4.6	0.8	4.1	4.8	3.2	3.8
	F	320	22	191	14.4	2.2	25.1	1.9	2.0	3.3	1.8	1.5	2.8	1.9
Hodgkin's disease	M	16	6	9	0.8	0.5	1.1	-	-	-	-	0.5	2.2	0.6
	F	17	8	6	0.8	0.7	0.8	-	-	0.8	-	1.0	1.1	1.9
Myeloma and non- Hodgkin lymphomas	M	65	14	38	3.7	1.2	5.7	1.8	-	-	2.4	1.9	0.5	1.9
	F	63	6	40	2.9	0.6	5.4	0.9	-	-	0.6	-	1.1	1.3
Leukaemia	M	63	12	32	3.7	1.1	4.5	0.9	-	3.2	1.2	1.4	0.5	0.6
	F	59	12	32	2.8	1.2	4.0	-	1.0	3.3	1.2	0.5	1.1	1.3
Diabetes	M	179	6	108	11.2	0.5	18.5	-	-	-	0.6	1.4	-	1.3
	F	180	5	94	8.0	0.4	13.5	-	-	0.8	-	1.0	-	1.3
ALL VASCULAR DISEASE	M	11209	96	4448	745.1	8.2	762.8	2.7	-	0.8	3.5	4.8	17.9	27.4
	F	13303	23	2807	528.6	2.1	413.5	1.9	-	0.8	2.5	1.0	2.8	5.8
Rheumatic heart disease and fever	M	65	5	50	3.7	0.5	6.8	-	-	0.8	-	-	1.1	1.3
	F	80	-	61	3.6	-	7.7	-	-	-	-	-	-	-
Hypertensive disease	M	334	-	109	22.6	-	20.0	-	-	-	-	-	-	-
	F	537	-	130	21.8	-	20.3	-	-	-	-	-	-	-
Ischaemic heart disease	M	7506	52	2673	505.6	4.3	470.9	-	-	-	1.8	2.9	9.2	16.6
	F	9060	6	1497	354.5	0.5	228.8	-	-	-	-	0.5	0.6	2.6
Pulmonary embolism and other venous	M	45	1	39	2.6	0.1	5.6	-	-	-	-	-	0.5	-
	F	32	-	23	1.5	-	2.8	-	-	-	-	-	-	-
Cerebrovascular disease	M	2824	17	1250	185.5	1.5	214.0	0.9	-	-	0.6	1.0	2.7	5.1
	F	3348	6	953	136.5	0.5	137.1	-	-	-	0.6	-	1.1	1.9
Other vascular disease	M	435	21	327	25.1	1.8	45.6	1.8	-	-	1.2	1.0	4.3	4.5
	F	246	11	143	10.6	1.1	16.8	1.9	-	0.8	1.8	0.5	1.1	1.3
Chronic obstructive pulmonary disease	M	878	4	344	59.1	0.3	63.2	-	-	-	1.2	-	0.5	0.6
	F	547	-	95	21.4	-	14.1	-	-	-	-	-	-	-
Other respiratory disease	M	736	87	585	41.0	9.1	76.0	37.2	-	0.8	1.2	2.9	7.6	14.0
	F	272	43	168	12.9	5.0	19.0	24.3	1.0	0.8	-	1.5	2.8	4.5
Peptic ulcer	M	153	7	119	8.7	0.6	16.4	-	-	-	-	-	1.1	3.2
	F	43	-	25	1.9	-	3.0	-	-	-	-	-	-	-
Liver cirrhosis	M	1780	60	1415	102.2	5.2	198.6	1.8	-	-	1.2	2.4	7.0	24.2
	F	1725	23	1259	78.3	2.0	158.9	-	-	-	-	-	2.8	11.6
Renal disease	M	118	17	62	7.2	1.4	10.3	-	0.9	0.8	1.2	2.4	2.7	1.9
	F	118	4	61	5.0	0.3	7.4	-	-	-	-	0.5	0.6	1.3
Pregnancy, birth	F	18	15	3	0.7	1.2	0.3	-	-	-	0.6	3.5	2.2	1.9
Congenital and perinatal causes	M	222	216	5	15.4	27.1	0.5	185.0	0.9	-	0.6	0.5	1.1	1.3
	F	149	143	5	10.8	18.9	0.5	126.9	3.0	0.8	0.6	1.0	-	-
Ill-defined causes	M	189	16	140	10.8	1.5	18.8	4.4	-	-	0.6	1.4	1.6	2.5
	F	84	9	38	3.9	1.1	5.1	7.5	-	-	-	-	0.6	-
Other medical causes	M	1103	124	798	62.0	11.3	107.5	11.5	3.7	4.0	6.5	10.5	7.0	35.7
	F	626	56	395	28.3	5.8	47.7	12.1	7.9	0.8	2.5	3.0	7.3	7.1
ALL NON- MEDICAL CAUSES	M	2863	685	1961	150.7	58.5	254.9	33.6	14.8	19.3	43.8	78.8	88.3	130.6
	F	829	154	502	37.6	14.7	58.6	17.7	8.9	9.2	20.2	11.4	16.2	19.3
Road traffic accidents	M	328	160	152	15.6	12.9	18.8	2.7	4.6	4.0	10.7	27.7	24.9	15.9
	F	85	29	47	3.9	2.6	5.3	1.9	2.0	-	6.7	2.5	2.8	2.6
Fire	M	101	17	66	5.8	1.6	9.5	2.7	-	0.8	-	1.0	2.2	4.5
	F	56	5	18	2.4	0.6	2.2	0.9	1.0	1.7	-	-	-	0.6
Suicide	M	579	134	418	29.5	10.9	51.8	-	-	1.6	9.5	15.8	20.0	29.3
	F	97	24	59	4.4	2.0	7.1	-	-	-	4.3	3.5	1.7	4.5
POPULATION: (1000s; UN, 2015 revision)	M=male				1963.7	1065.7	796.4	113.0	108.2	124.5	169.0	209.4	184.6	157.0
	F=female				2120.8	1028.8	909.1	107.2	101.5	120.3	163.4	202.5	178.5	155.4



## 2010: Republic of MOLDOVA

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			
477.7	703.7	1061.9	1572.6	2171.0	3167.7	4328.2	6354.0	8964.5	13375.9	M	ALL CAUSES	001-999/A00-Y89
139.6	217.8	402.4	603.3	920.6	1699.5	2544.9	3848.4	6386.3	11794.1	F		
40.3	54.1	62.8	51.6	42.7	34.8	13.0	24.5	19.7	7.6	M	Tuberculosis	010-018, 137/A15-A19, B90
0.7	4.6	7.5	6.8	4.0	9.0	2.6	2.7	1.9	3.5	F		
11.7	8.9	4.1	4.2	3.2	4.2	-	-	3.3	-	M	Other infective and parasitic	Rest of 001-139,279.5&6/rest of A00-B99 excl A33,A34
2.1	3.0	2.5	1.9	2.7	4.5	2.6	5.5	1.9	5.3	F		
30.8	63.0	130.3	264.3	453.1	685.1	827.3	1041.2	974.2	680.1	M	ALL CANCER	140-208/C00-C97
30.6	51.8	95.5	139.1	199.7	336.1	429.2	512.9	571.4	374.3	F		
-	6.5	11.7	31.8	44.3	52.9	42.8	40.0	39.4	15.3	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	0.8	2.5	0.6	2.0	2.2	1.3	6.8	5.6	3.5	F		
0.7	0.8	2.8	7.8	10.5	15.3	14.9	22.2	16.4	-	M	Oesophagus cancer	150/C15
-	-	0.6	-	-	-	1.3	1.4	3.8	-	F		
2.9	10.5	7.6	25.4	38.7	64.0	98.5	93.4	121.4	72.6	M	Stomach cancer	151/C16
1.4	5.3	9.4	12.3	12.1	20.2	15.8	50.6	31.9	33.7	F		
2.9	1.6	8.3	26.1	47.6	59.9	130.1	144.6	173.8	95.5	M	Colorectal cancer	153, 154/C18-C21
0.7	-	4.4	16.0	28.8	42.6	85.3	91.6	104.9	67.4	F		
0.7	2.4	14.5	26.1	37.9	58.5	61.4	77.9	68.9	57.3	M	Liver cancer	155.0/C22 excl C221
0.7	3.8	5.0	11.1	10.1	12.3	23.6	46.5	48.7	28.4	F		
3.7	4.0	11.0	15.6	22.6	55.7	35.3	57.8	45.9	49.7	M	Pancreas cancer	157/C25
0.7	1.5	4.4	6.8	10.7	21.3	30.2	39.7	45.0	40.8	F		
0.7	1.6	9.7	12.0	29.0	27.9	33.5	44.5	23.0	11.5	M	Larynx cancer	161/C32
-	-	-	0.6	0.7	-	-	2.7	-	1.8	F		
5.9	17.8	34.5	60.1	122.5	192.2	184.1	231.4	157.4	118.4	M	Lung cancer	162/C33, C34
1.4	1.5	4.4	8.0	14.7	28.0	35.4	38.3	60.0	33.7	F		
1.5	-	1.4	2.8	4.0	5.6	3.7	8.9	9.8	3.8	M	Malignant melanoma	172/C43
-	1.5	0.6	1.9	2.7	4.5	2.6	4.1	9.4	3.5	F		
8.6	9.1	22.5	31.4	48.2	79.5	77.4	78.0	104.9	47.9	F	Female breast cancer	174/C50
7.1	12.9	13.1	10.5	16.1	22.4	26.2	26.0	37.5	19.5	F	Cervix cancer	180/C53
0.7	1.5	3.1	7.4	10.7	20.2	21.0	26.0	18.7	14.2	F	Other uterine cancer	179, 182/C54, C55
-	3.8	6.2	8.6	8.7	12.3	19.7	15.0	11.2	8.9	F	Ovarian cancer	183/C56, C570-C574
0.7	-	-	4.2	12.1	25.1	78.1	100.1	137.8	118.4	M	Prostate cancer	185/C61
-	0.8	1.4	3.5	9.7	27.9	29.8	44.5	75.4	53.5	M	Bladder cancer	188/C67
-	-	-	-	2.0	3.4	2.6	4.1	5.6	5.3	F		
8.1	13.7	18.6	37.5	58.0	87.7	91.1	133.5	88.6	49.7	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
5.0	6.1	13.7	16.6	25.5	44.8	64.3	57.4	61.8	56.8	F		
0.7	0.8	2.1	2.1	-	-	1.9	2.2	-	-	M	Hodgkin's disease	201/C81
-	-	1.2	-	0.7	1.1	2.6	2.7	-	1.8	F		
1.5	-	4.1	3.5	10.5	5.6	14.9	13.3	9.8	15.3	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C90, C96
2.1	0.8	2.5	3.7	3.4	12.3	13.1	12.3	13.1	1.8	F		
0.7	2.4	2.8	5.7	5.6	7.0	7.4	26.7	6.6	19.1	M	Leukaemia	204-208/C91-C95
1.4	3.0	1.9	3.7	2.7	9.0	6.6	9.6	9.4	5.3	F		
4.4	4.8	4.8	7.1	19.4	39.0	50.2	73.4	75.4	34.4	M	Diabetes	250/E10-E14
1.4	1.5	1.2	8.6	11.4	26.9	43.3	52.0	37.5	40.8	F		
80.6	141.4	255.8	453.1	745.7	1418.9	2244.0	4049.1	6432.2	11018.6	M	ALL VASCULAR DISEASE	390-459/I00-I99
21.4	40.4	96.1	161.3	333.6	778.6	1463.4	2662.7	4988.8	10401.5	F		
2.2	2.4	4.1	9.9	8.1	15.3	5.6	17.8	6.6	-	M	Rheumatic heart disease and fever	390-398/I00-I09
0.7	0.8	5.0	5.5	10.7	16.8	14.4	12.3	11.2	7.1	F		
-	3.2	2.8	7.8	22.6	34.8	68.8	171.3	183.7	351.5	M	Hypertensive disease	401-405/I10-I15
-	0.8	1.9	3.1	15.4	44.8	76.1	127.2	221.1	347.7	F		
44.7	84.8	136.5	260.8	413.6	887.0	1468.8	2687.6	4556.0	8344.2	M	Ischaemic heart disease	410-414/I20-I25
7.8	19.0	38.0	72.0	152.8	423.5	888.5	1731.4	3430.1	7912.4	F		
0.7	4.0	4.8	5.7	3.2	16.7	3.7	4.5	3.3	7.6	M	Pulmonary embolism and other venous	415.1, 451-453/126, 180-182
0.7	2.3	0.6	3.1	2.7	7.8	2.6	4.1	3.8	7.1	F		
17.6	27.5	63.4	127.9	238.6	403.8	619.1	1085.7	1600.7	2219.8	M	Cerebrovascular disease	430-438/I60-I69
8.6	12.2	36.2	61.0	126.6	262.1	452.8	760.4	1264.5	2054.4	F		
15.4	19.4	44.1	41.0	59.7	61.3	78.1	82.3	82.0	95.5	M	Other vascular disease	Rest of 390-459/rest of I00-I99
3.6	5.3	14.3	16.6	25.5	23.5	28.9	27.4	58.1	72.7	F		
3.7	8.1	13.1	33.2	50.0	117.0	217.5	302.6	564.2	848.2	M	Chronic obstructive pulmonary disease	490-496/J40-J47, J67
0.7	0.8	5.0	3.1	11.4	28.0	49.9	98.5	226.7	459.5	F		
33.7	46.0	57.9	110.3	103.2	91.9	89.2	69.0	52.5	65.0	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
10.7	7.6	21.8	22.2	20.1	24.6	26.2	35.6	39.3	24.8	F		
5.9	9.7	12.4	17.7	21.8	19.5	27.9	35.6	19.7	19.1	M	Peptic ulcer	531-533/K25-K27
0.7	0.8	2.5	3.7	3.4	4.5	5.2	12.3	9.4	7.1	F		
50.6	89.7	168.9	195.1	265.2	284.1	336.5	331.5	351.0	187.2	M	Liver cirrhosis	571/K70, K74
22.1	44.2	92.3	139.1	186.3	300.2	328.1	281.7	269.8	165.0	F		
1.5	1.6	4.8	7.1	10.5	15.3	31.6	31.1	29.5	61.1	M	Renal disease	580-590/N00-N19
0.7	3.0	5.6	7.4	9.4	11.2	14.4	13.7	37.5	40.8	F		
2.1	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
-	-	2.1	1.4	-	-	-	-	3.3	-	F	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.7	-	-	0.6	1.3	1.1	-	-	1.9	-	F		
8.8	15.3	13.8	20.5	24.2	19.5	29.8	28.9	32.8	38.2	M	Ill-defined causes	780-799/R00-R99
1.4	0.8	1.2	3.7	4.7	13.4	10.5	15.0	18.7	28.4	F		
45.4	68.7	95.8	115.2	133.0	142.0	152.4	160.2	209.9	171.9	M	Other medical causes	Rest of 001-799/rest of A00-R99
18.5	22.1	27.4	44.3	62.3	73.9	85.3	79.3	88.0	124.2	F		
160.5	192.3	235.1	291.9	299.1	296.6	308.6	206.9	196.8	244.5	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
25.6	37.3	43.7	61.6	70.3	87.4	84.0	76.6	93.7	118.9	F		
21.2	17.8	9.7	24.7	25.0	18.1	14.9	13.3	16.4	19.1	M	Road traffic accidents	E810-E819, E826-E829/part of V01-V99, Y850
3.6	6.1	5.0	4.3	5.4	7.8	5.2	2.7	9.4	3.5	F		
2.2	5.7	6.9	12.0	6.5	16.7	16.7	11.1	16.4	30.6	M	Fire	E890-E899/X00-X09
0.7	-	0.6	1.9	4.7	2.2	5.2	12.3	20.6	23.1	F		
33.7	39.6	61.4	72.8	57.2	40.4	57.6	26.7	19.7	34.4	M	Suicide	E950-E959/X60-X84
4.3	9.1	5.0	7.4	2.0	10.1	11.8	9.6	5.6	7.1	F		
136.5	123.8	145.0	141.5	124.0	71.8	53.8	44.9	30.5	26.2	M	POPULATION	
140.4	131.3	160.3	162.4	149.3	89.3	76.2	73.1	53.4	56.4	F	(1000s; UN, 2015 revision)	

<b>MOLDOVA, Republic of: 2010</b>
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**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	– / 1.4	– / 0.6	–
35–69	3.3 / 12	0.2 / 6.4	21 years
70+	1.1 / 8.8	0.4 / 13	8 years
<b>All ages</b>	<b>4.4 / 22</b>	<b>0.6 / 20</b>	<b>17 years</b>

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

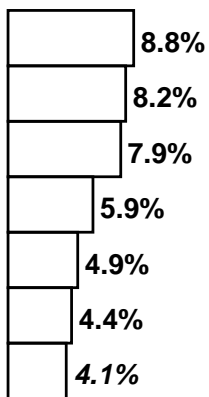
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/7	487/537	148/186	635/730	–/3	30/99	27/79	57/181
All Cancer	–/84	858/2178 (39%)	213/963 (22%)	1071/3225	–/75	35/1450 (2%)	32/892 (4%)	67/2417
Vascular	–/82	1612/4155	618/6397	2230/10634	–/25	161/2598	238/10150	399/12773
Respiratory	–/85	440/824	240/555	680/1464	–/44	22/205	88/452	110/701
All Other	–/1137	428/4462	21/853	449/6452	–/448	17/2160	7/1032	24/3640
All Causes	–/1388	3338/11621 (29%)	1092/8766 (12%)	4430/21775	–/594	235/6409 (4%)	365/12525 (3%)	600/19528

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

Cause	Male	Female	Male + Female
All Cancer	1.1 / 3.2 (33%)	0.1 / 2.4 (3%)	1.1 / 5.6 (20%)
All Causes	4.4 / 22 (20%)	0.6 / 20 (3%)	5.0 / 41 (12%)

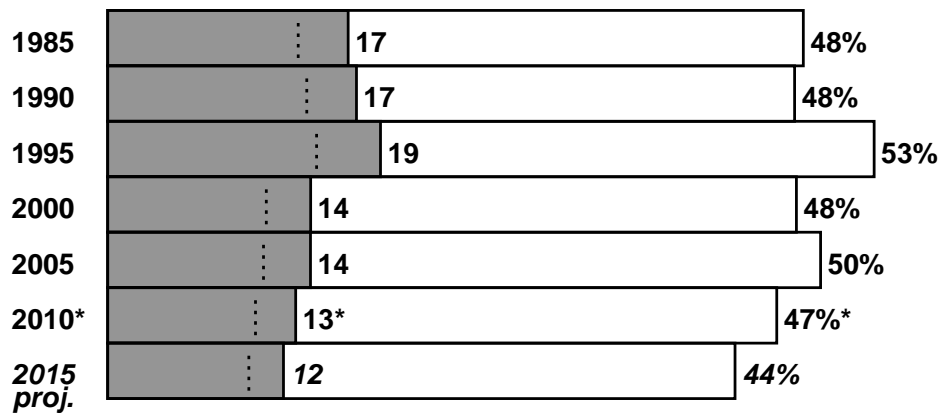
1985-2015: Republic of MOLDOVA

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

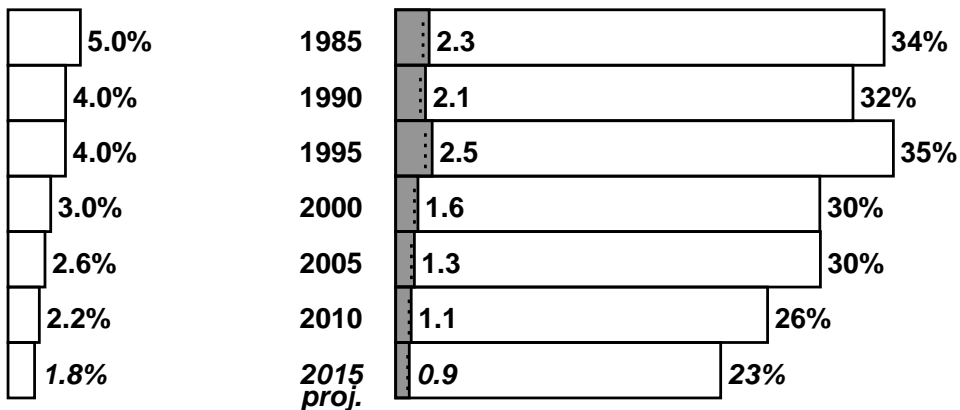


\*eg, at year 2010 male death rates, out of 100 men aged 35, 47 would die before age 70 (with 13 of these deaths attributed to smoking)

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

**Note: For smoking-attributed mortality (pages 320–327), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



<b>MOLDOVA, Republic of: 1980-2015</b>
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**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	– / 1.3	– / 0.5	–
35–69	3.4 / 12	0.2 / 6.1	<b>20 years</b>
70+	1.0 / 7.8	0.4 / 12	<b>8 years</b>
<b>All ages</b>	<b>4.4 / 21</b>	<b>0.7 / 18</b>	<b>17 years</b>

**Numbers of deaths attributed to smoking / total deaths**

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...
1985	–/3574	3660/10146 <b>(36%)</b>	845/7305 <b>(12%)</b>	4505/21025	–/2053	569/8356 <b>(7%)</b>	238/10800 <b>(2%)</b>	807/21209
1995	–/2678	4704/13269 <b>(35%)</b>	1030/8889 <b>(12%)</b>	5734/24836	–/1344	658/9209 <b>(7%)</b>	169/13407 <b>(1%)</b>	827/23960
2005	–/1489	3442/12042 <b>(29%)</b>	1057/8878 <b>(12%)</b>	4499/22409	–/698	312/7354 <b>(4%)</b>	221/12665 <b>(2%)</b>	533/20717
2015 <i>proj.</i>	–/1291	3416/11731 <b>(29%)</b>	1023/7833 <b>(13%)</b>	4439/20855	–/502	223/6086 <b>(4%)</b>	450/11567 <b>(4%)</b>	673/18155

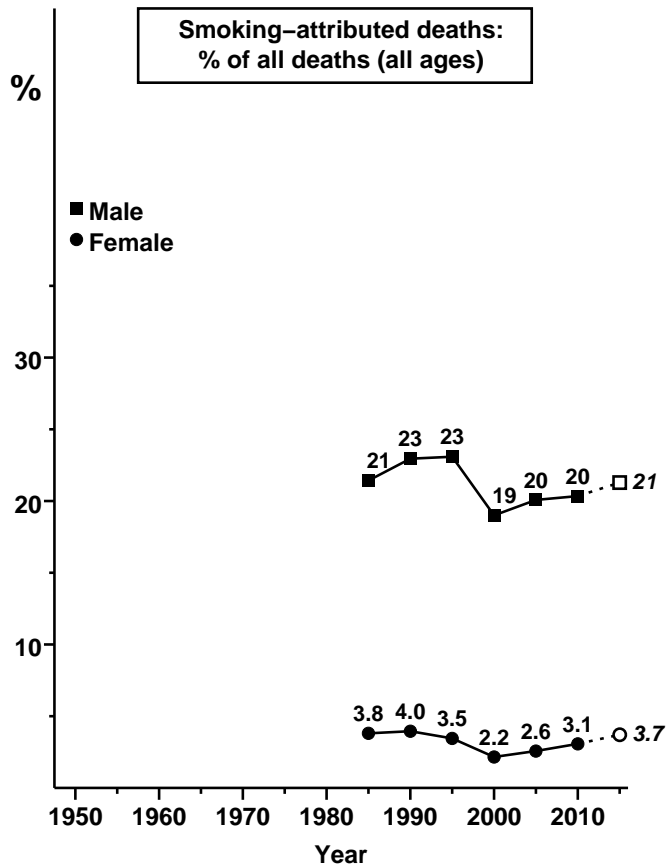
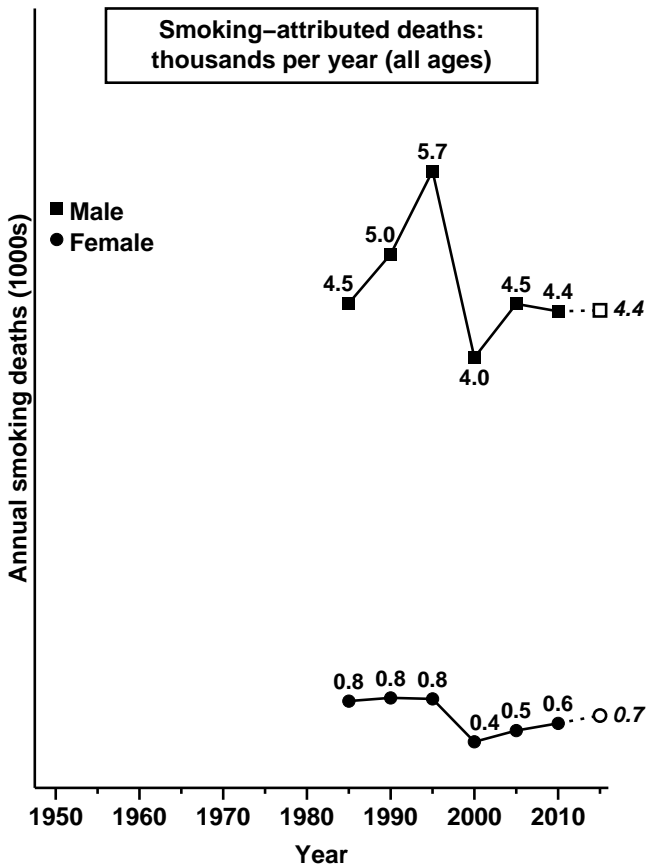
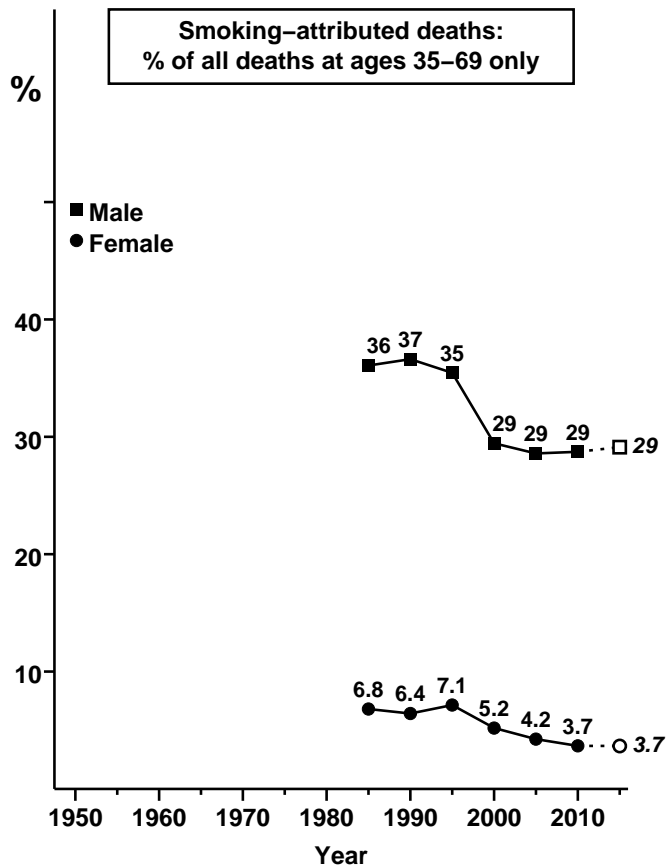
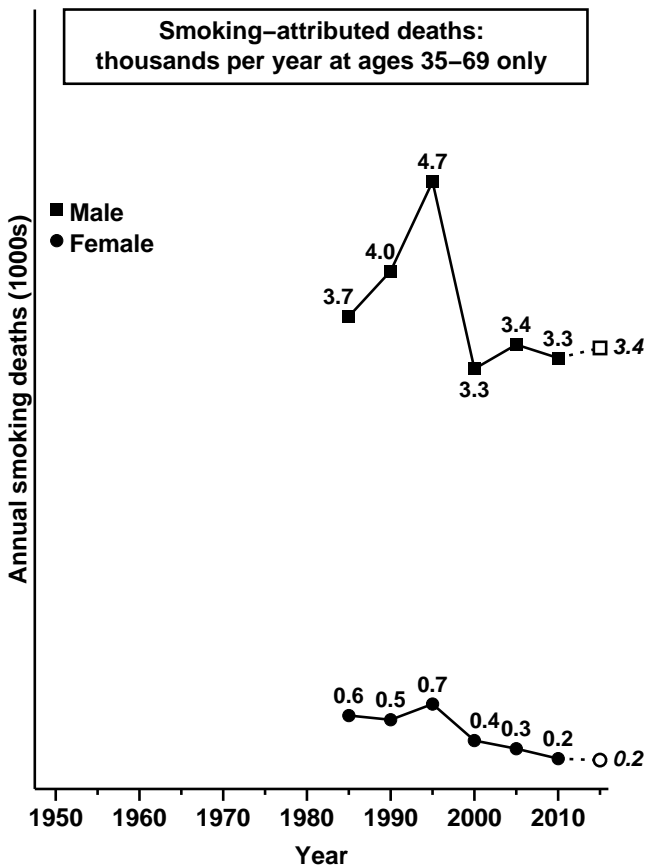
**40–year total (thousands), decade of 1980s to decade of 2010s (1980–2020\*): 220 / 1732**

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

**1980–2020, by age & sex:**

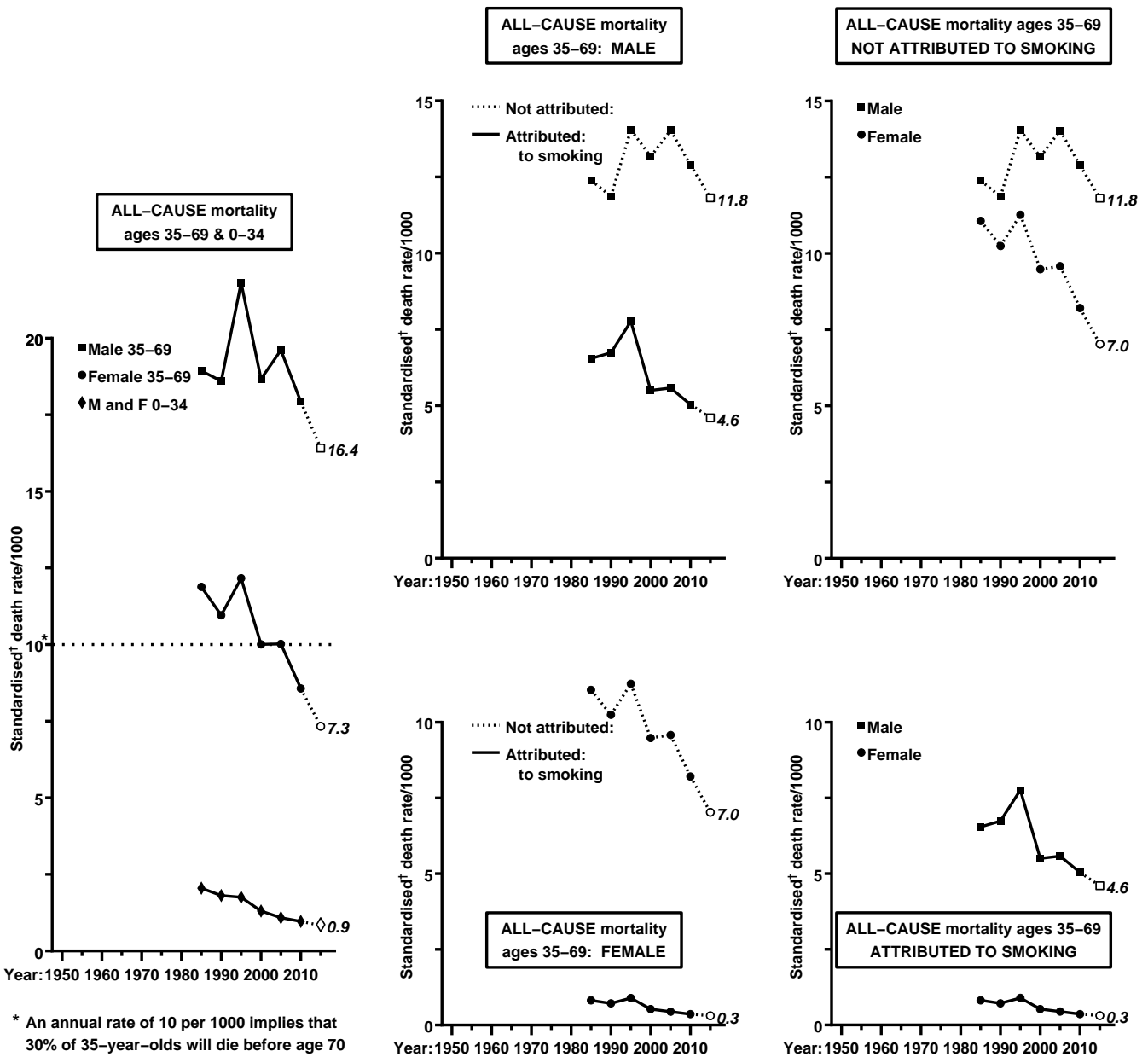
–/90	152/472 <b>(32%)</b>	40/329 <b>(12%)</b>	192/891	–/46	18/310 <b>(6%)</b>	11/484 <b>(2%)</b>	28/840
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1985-2015: Republic of MOLDOVA



**MOLDOVA, Republic of: 1985-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



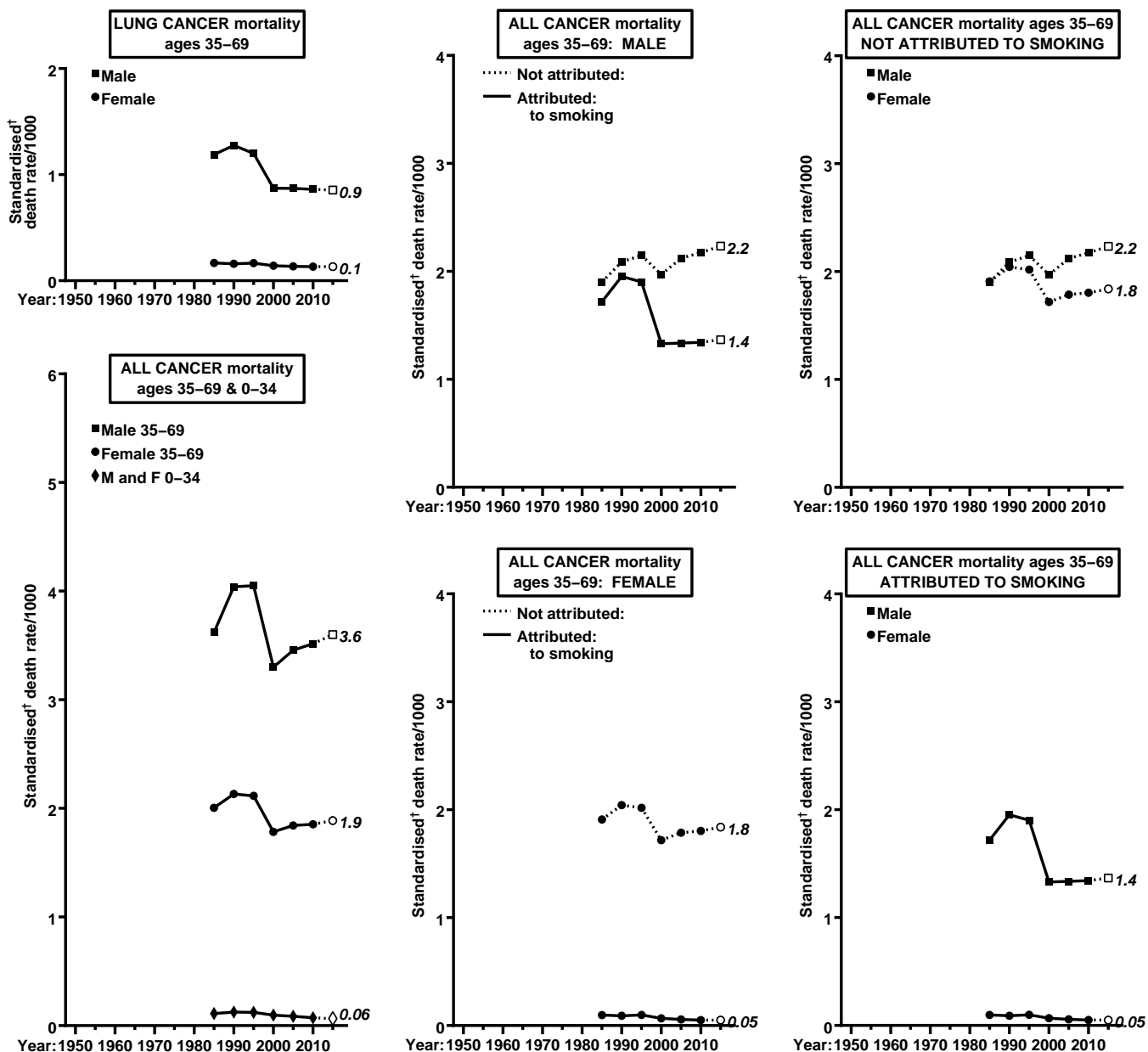
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	
1985	-	2.62	6.55	12.4	9.78	68.4	-	1.48	0.81	11.1	1.49	56.1
1990	-	2.44	6.74	11.9	11.6	67.5	-	1.17	0.71	10.2	2.17	55.7
1995	-	2.34	7.76	14.0	11.8	77.8	-	1.17	0.89	11.3	1.06	65.8
2000	-	1.74	5.50	13.2	7.51	67.7	-	0.86	0.53	9.48	0.31	54.4
2005	-	1.42	5.58	14.0	10.1	68.6	-	0.74	0.44	9.58	1.15	53.5
2010	-	1.29	5.04	12.9	10.1	63.1	-	0.63	0.36	8.21	1.60	48.0
2015	-	1.18	4.60	11.8	10.1	58.0	-	0.53	0.31	7.03	1.90	43.1

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

1985-2015: Republic of MOLDOVA

ALL CANCER mortality rates attributed and not attributed to smoking



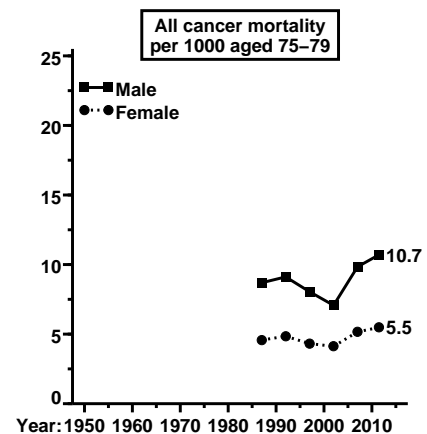
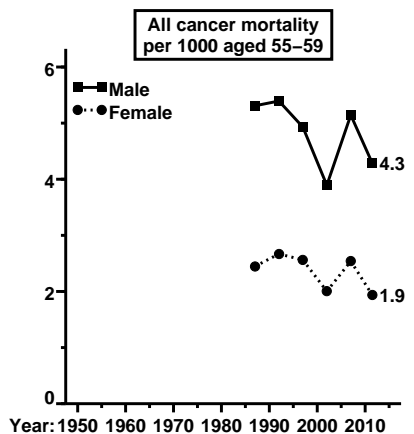
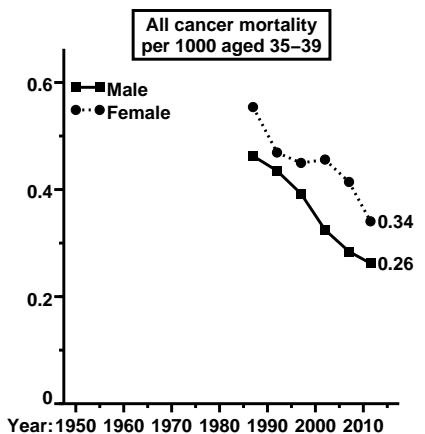
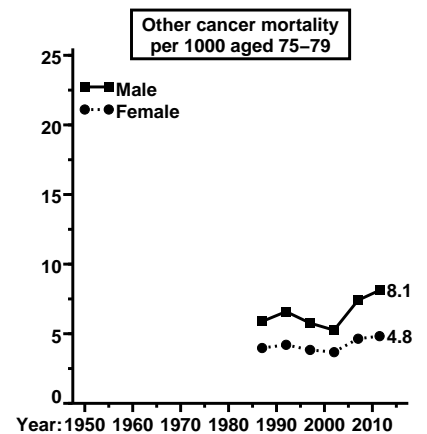
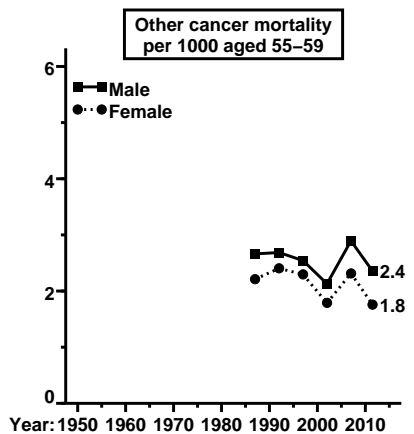
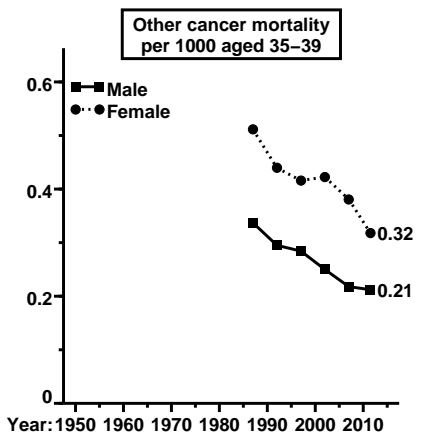
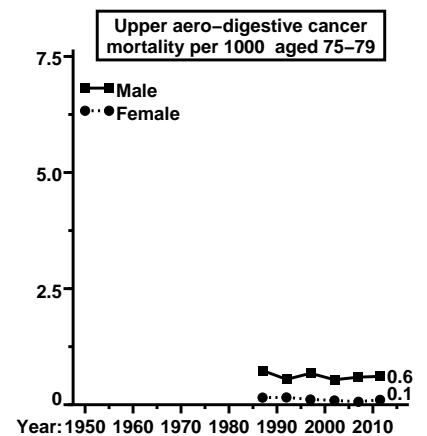
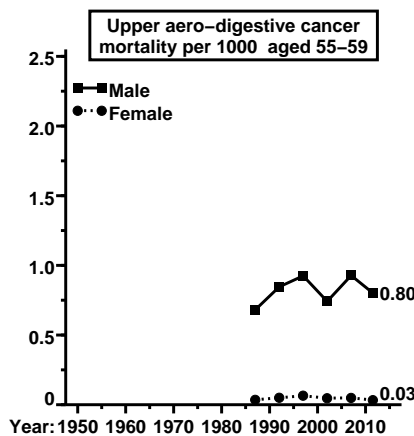
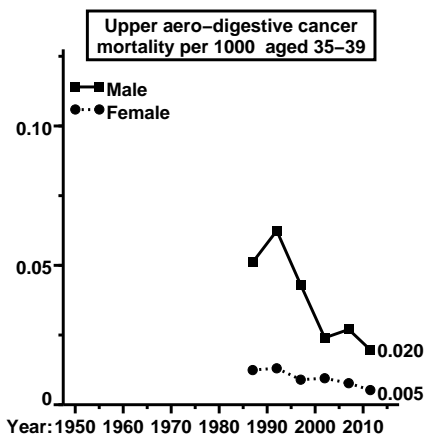
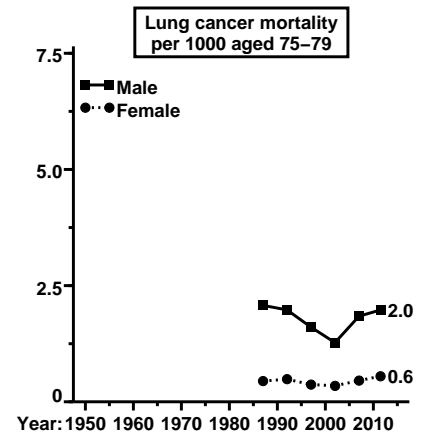
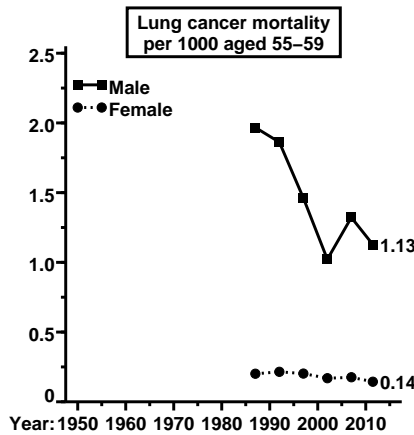
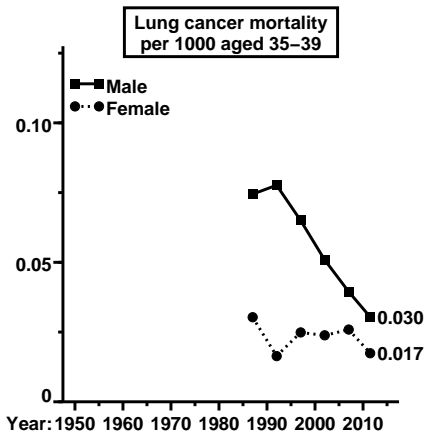
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...	...
1985	-	0.12	1.72	1.90	1.95	5.77	-	0.10	0.10	1.91	0.13	4.11
1990	-	0.13	1.95	2.09	2.55	7.06	-	0.12	0.09	2.04	0.21	4.72
1995	-	0.13	1.90	2.15	2.20	6.57	-	0.12	0.10	2.02	0.09	4.56
2000	-	0.09	1.33	1.97	1.38	5.69	-	0.10	0.07	1.72	0.02	3.88
2005	-	0.09	1.33	2.12	1.93	6.97	-	0.08	0.06	1.79	0.11	4.63
2010	-	0.07	1.34	2.17	2.33	7.87	-	0.07	0.05	1.80	0.19	5.01
2015	-	0.07	1.37	2.23	2.74	8.93	-	0.06	0.05	1.84	0.27	5.44

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

**MOLDOVA, Republic of: 1985-2013**

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

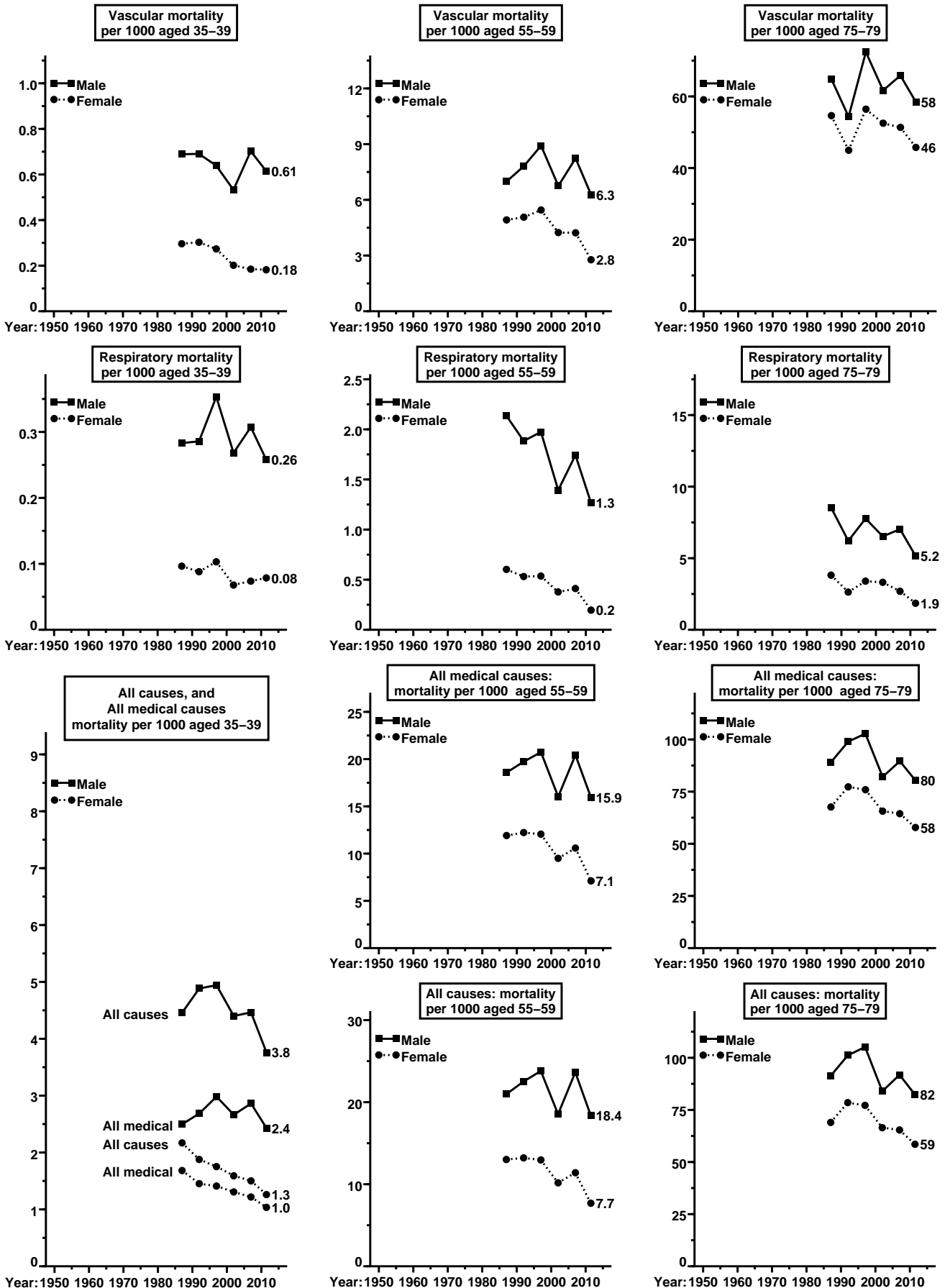


\* Annual mortality per 1000: averages of years available in 1985–89,.....,2005–09; then 4-year average 2010–13



1985-2013: Republic of MOLDOVA

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



\* Annual mortality per 1000: averages of years available in 1985-89,.....,2005-09; then 4-year average 2010-13

**MONTENEGRO: 2010<sup>‡</sup>**<sup>‡</sup>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
<b>ALL CAUSES</b>	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
<b>ALL CANCER</b>	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	-	-	-	-	-	-	-
<b>ALL VASCULAR DISEASE</b>	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	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital and perinatal causes	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	-	-	-	-	-	-
<b>ALL NON-MEDICAL CAUSES</b>	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
<b>POPULATION:</b>			<b>M=male</b>		306.8	153.7	129.3	20.7	20.9	22.1	22.5	21.7	24.0	21.8
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		315.1	146.2	135.9	19.2	19.4	20.7	21.0	20.5	23.3	22.1

2010<sup>‡</sup>: MONTENEGRO<sup>‡</sup>2009 rates applied to 2010 populationAnnual 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
-	-	-	-	-	-	-	-	-	10.8	F		
-	-	-	4.8	4.6	-	-	9.1	-	-	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
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	-	-	-	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		
-	-	-	4.7	-	7.1	-	9.1	-	-	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	-	-	-	-	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		
-	-	-	-	4.6	7.1	-	-	27.4	72.3	M	Leukaemia	204-208/C91-C95
-	5.0	-	-	-	6.2	-	-	-	-	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
-	-	-	-	4.6	-	-	-	-	-	F		
-	-	-	-	-	-	-	-	-	-	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/ I26, I80-I82
-	-	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		
-	-	-	-	-	-	-	9.1	-	-	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	-	-	-	-	-	-	-	-	-	F		
4.8	5.0	18.2	28.4	51.1	127.5	91.1	363.3	356.6	723.3	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
-	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 Congenital and perinatal causes	630-676/A34, O00-O99 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		
-	-	-	4.8	4.6	-	-	-	-	-	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	-	-	-	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<sup>‡</sup>**<sup>‡</sup>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	<b>23 years</b>
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

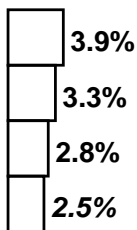
**Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010**

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<sup>‡</sup>: MONTENEGRO**

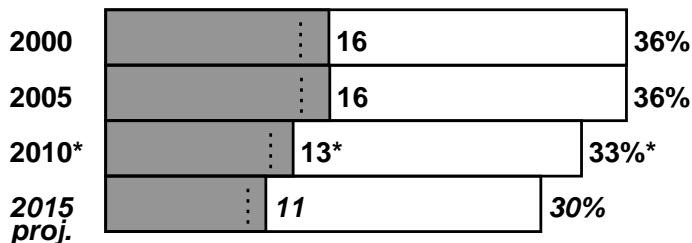
<sup>‡</sup>2010 mortality involves 2009 rates applied to 2010 population

**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)**

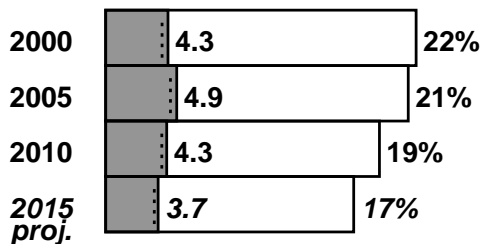
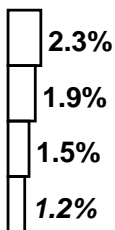
**MALE**



\*eg, at year 2010 male death rates, out of 100 men aged 35, 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**



## NETHERLANDS: 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
		M	F	M	F	M	F	M	F	M	F	M	F	M
ALL CAUSES	M	65977	1425	19709	635.2	41.4	561.9	96.4	7.5	12.1	28.6	45.8	42.3	57.1
	F	70081	893	13363	451.8	27.1	372.7	84.7	7.9	7.5	13.1	15.9	22.5	38.5
Tuberculosis	M	36	2	9	0.3	0.1	0.3	-	-	-	-	-	0.2	0.2
	F	18	1	1	0.1	0.0	0.0	-	-	-	-	-	-	0.2
Other infective and parasitic	M	974	16	262	9.3	0.5	7.4	1.1	-	0.6	0.2	0.2	-	1.2
	F	1076	16	168	6.8	0.5	4.8	2.2	0.4	0.2	-	-	-	0.6
ALL CANCER	M	23131	158	9026	223.4	4.5	261.7	2.5	2.4	3.8	2.3	5.3	6.9	8.4
	F	19232	151	7724	150.7	4.4	214.4	2.7	2.5	1.4	3.1	2.9	6.0	12.6
Mouth and pharynx cancer	M	417	2	271	4.2	0.1	7.5	-	-	-	-	-	0.2	0.2
	F	192	-	93	1.5	-	2.6	-	-	-	-	-	-	-
Oesophagus cancer	M	1199	1	619	11.7	0.0	17.6	-	-	-	-	-	-	0.2
	F	443	1	166	3.3	0.0	4.7	-	-	-	-	-	-	0.2
Stomach cancer	M	926	5	384	9.0	0.1	11.1	-	-	-	-	0.2	0.6	0.2
	F	524	4	178	3.9	0.1	5.1	-	-	-	0.2	0.2	-	0.4
Colorectal cancer	M	2691	2	1029	25.9	0.1	30.0	-	-	-	-	-	-	0.4
	F	2420	4	732	17.5	0.1	20.6	-	-	-	0.2	-	-	0.6
Liver cancer	M	334	3	166	3.3	0.1	4.7	-	-	-	0.2	0.2	-	0.2
	F	156	1	49	1.2	0.0	1.3	0.2	-	-	-	-	-	-
Pancreas cancer	M	1210	3	555	11.8	0.1	16.2	-	-	-	-	-	-	0.6
	F	1271	1	430	9.6	0.0	12.3	-	-	-	-	-	0.2	-
Larynx cancer	M	173	-	83	1.7	-	2.3	-	-	-	-	-	-	-
	F	36	-	15	0.3	-	0.4	-	-	-	-	-	-	-
Lung cancer	M	6536	3	2720	63.1	0.1	79.7	-	-	0.2	-	-	0.2	0.2
	F	3678	5	1912	31.6	0.1	53.3	-	-	-	0.2	0.2	0.2	0.4
Malignant melanoma	M	446	6	288	4.5	0.2	7.9	-	-	-	-	-	0.6	0.6
	F	337	9	177	2.9	0.3	4.7	-	-	-	0.2	0.2	0.2	1.2
Female breast cancer	F	3213	10	1644	26.6	0.3	44.0	-	-	-	-	-	0.2	1.8
Cervix cancer	F	205	7	110	1.8	0.2	2.9	-	-	-	-	-	0.2	1.2
Other uterine cancer	F	425	-	170	3.3	-	4.9	-	-	-	-	-	-	-
Ovarian cancer	F	1072	12	461	8.7	0.3	12.8	-	-	-	-	0.4	0.8	1.2
Prostate cancer	M	2593	-	458	24.2	-	14.4	-	-	-	-	-	-	-
Bladder cancer	M	856	1	218	8.1	0.0	6.4	-	-	-	-	-	-	0.2
	F	372	-	98	2.6	-	2.8	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	4054	85	1615	39.5	2.4	45.9	1.3	1.8	2.4	1.4	2.8	2.8	4.6
	F	3480	65	1104	25.6	1.9	31.1	1.8	1.9	0.4	1.8	0.8	2.3	4.5
Hodgkin's disease	M	40	4	17	0.4	0.1	0.5	-	-	-	-	0.2	0.6	-
	F	32	2	15	0.3	0.1	0.4	-	-	-	0.2	-	0.2	-
Myeloma and non-Hodgkin lymphomas	M	985	10	377	9.5	0.3	10.8	0.2	-	0.2	0.4	0.6	0.4	0.2
	F	829	6	240	6.1	0.2	6.8	0.2	-	0.2	0.2	0.4	0.2	-
Leukaemia	M	671	33	226	6.6	0.9	6.5	1.1	0.6	1.0	0.4	1.4	1.4	0.8
	F	547	24	130	4.1	0.7	3.6	0.5	0.6	0.8	-	0.6	1.4	1.0
Diabetes	M	1382	6	452	13.2	0.2	12.8	-	-	0.2	-	-	0.4	0.6
	F	1620	4	227	9.8	0.1	6.6	-	-	-	-	0.2	-	0.6
ALL VASCULAR DISEASE	M	18275	87	4516	172.7	2.5	129.7	2.1	0.4	0.8	1.0	2.2	3.2	7.8
	F	20734	44	2011	118.7	1.3	57.1	1.1	-	0.2	0.6	1.2	2.3	3.6
Rheumatic heart disease and fever	M	2	-	-	0.0	-	-	-	-	-	-	-	-	-
	F	7	-	4	0.1	-	0.1	-	-	-	-	-	-	-
Hypertensive disease	M	359	1	107	3.4	0.0	3.0	-	-	-	-	-	-	0.2
	F	706	-	54	4.0	-	1.6	-	-	-	-	-	-	-
Ischaemic heart disease	M	6004	16	1837	57.1	0.5	52.1	-	-	-	-	-	0.8	2.4
	F	4378	7	596	26.5	0.2	17.1	-	-	-	-	-	0.2	1.2
Pulmonary embolism and other venous	M	207	4	84	2.0	0.1	2.2	-	-	-	0.2	-	0.2	0.4
	F	341	7	79	2.3	0.2	2.1	-	-	-	0.2	0.2	0.2	0.8
Cerebrovascular disease	M	3462	17	711	32.6	0.5	20.9	0.6	-	-	0.4	0.4	0.4	1.6
	F	5377	12	526	31.0	0.3	14.8	-	-	-	0.2	0.4	1.0	0.8
Other vascular disease	M	8241	49	1777	77.6	1.4	51.5	1.5	0.4	0.8	0.4	1.8	1.8	3.2
	F	9925	18	752	54.9	0.5	21.4	1.1	-	0.2	0.2	0.6	0.8	0.8
Chronic obstructive pulmonary disease	M	3322	1	460	30.8	0.0	13.9	-	-	-	-	-	0.2	-
	F	2748	3	505	17.9	0.1	14.9	-	-	-	-	-	-	0.6
Other respiratory disease	M	3338	25	462	31.1	0.7	13.6	1.9	0.4	0.4	0.6	0.4	0.6	0.8
	F	3608	25	238	19.8	0.8	6.8	2.0	0.2	0.4	0.8	0.2	0.6	1.0
Peptic ulcer	M	84	-	25	0.8	-	0.7	-	-	-	-	-	-	-
	F	100	-	19	0.6	-	0.6	-	-	-	-	-	-	-
Liver cirrhosis	M	502	4	377	5.1	0.1	10.1	-	-	-	-	-	-	0.8
	F	264	3	149	2.3	0.1	4.0	-	-	-	-	-	0.2	0.4
Renal disease	M	737	1	85	6.8	0.0	2.5	-	-	-	-	-	0.2	-
	F	941	2	56	5.1	0.1	1.7	-	-	-	0.2	-	-	0.2
Pregnancy, birth	F	4	4	-	0.1	0.1	-	-	-	-	-	-	0.6	0.2
Congenital and perinatal causes	M	430	346	78	6.7	10.5	2.0	68.1	0.6	0.6	1.0	1.0	0.2	1.8
	F	378	283	85	6.0	9.0	2.2	60.3	0.6	0.4	0.4	0.4	0.4	0.6
Ill-defined causes	M	2349	105	987	23.3	3.0	27.4	4.9	-	0.4	1.8	3.5	5.7	5.0
	F	2877	44	452	17.4	1.3	12.4	3.6	1.0	0.2	0.4	1.4	0.4	2.2
Other medical causes	M	8177	144	1539	77.2	4.2	43.6	10.0	1.8	2.2	4.5	3.0	3.0	4.8
	F	13972	130	1114	78.6	3.9	31.5	9.9	1.9	2.3	1.8	2.9	3.5	5.3
ALL NON-MEDICAL CAUSES	M	3240	530	1431	34.4	15.1	36.2	5.8	2.0	3.2	17.3	30.3	21.7	25.5
	F	2509	183	614	17.9	5.4	15.8	2.9	1.2	2.3	5.7	6.7	8.4	10.3
Road traffic accidents	M	444	157	165	5.1	4.5	4.2	1.1	0.6	0.4	7.2	10.2	6.1	5.6
	F	166	43	63	1.7	1.3	1.6	0.2	0.4	1.4	1.8	1.8	1.6	1.4
Fire	M	20	1	15	0.2	0.0	0.4	-	-	-	-	0.2	-	-
	F	19	2	7	0.1	0.1	0.2	-	-	-	0.2	0.2	-	-
Suicide	M	1124	216	782	12.6	6.1	19.2	-	-	1.0	7.2	11.6	10.7	12.5
	F	476	80	329	5.1	2.3	8.2	-	-	0.2	2.5	2.9	4.5	6.3
POPULATION:			<b>M=male</b>		8235.3	3492.7	4000.9	469.8	505.3	504.0	513.5	508.3	493.9	497.7
(1000s; UN, 2015 revision)			<b>F=female</b>		8396.2	3370.4	3980.6	446.1	482.4	481.4	490.1	491.4	485.4	493.7

## 2010: NETHERLANDS

## 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			
79.4	119.0	203.7	351.9	601.6	961.8	1615.9	2622.8	4748.4	11935.5	M	ALL CAUSES	001-999/A00-Y89
55.6	90.2	160.2	284.8	436.6	621.5	960.0	1570.8	2788.8	9887.6	F		
0.2	-	0.1	-	0.2	0.2	1.3	1.4	5.4	4.1	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	-	-	-	-	0.2	-	0.7	3.2	F		
0.9	1.8	3.6	4.5	8.4	11.8	21.0	38.7	75.4	186.2	M	Other infective	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
0.7	0.8	1.2	3.5	5.5	6.9	15.3	24.3	48.2	156.2	F	and parasitic	
21.1	33.6	73.8	141.0	280.0	471.7	810.9	1193.0	1790.8	2891.4	M	ALL CANCER	140-208/C00-C97
27.9	48.2	89.7	169.1	263.4	379.3	523.1	709.8	922.3	1481.1	F		
0.7	0.9	4.2	5.3	9.8	13.8	18.0	17.5	15.7	25.7	M	Mouth and	140-149/C00-C14
-	0.3	0.3	2.0	3.3	5.2	7.4	4.9	10.6	12.3	F	pharynx cancer	
0.7	1.1	5.3	12.1	19.9	36.5	47.9	67.0	75.9	95.1	M	Oesophagus cancer	150/C15
0.2	0.5	0.8	3.2	7.3	8.7	12.3	12.2	21.1	40.7	F		
0.9	1.8	4.1	6.1	11.3	18.6	35.0	47.5	75.4	102.8	M	Stomach cancer	151/C16
0.9	1.1	1.9	3.2	4.8	8.0	16.0	20.4	27.1	45.8	F		
2.4	3.0	7.1	17.1	30.3	55.0	95.0	135.3	208.3	358.0	M	Colorectal cancer	153, 154/C18-C21
1.1	2.7	7.4	14.4	26.7	37.5	54.5	88.8	129.4	236.9	F		
0.5	0.8	1.8	2.6	6.7	7.8	12.7	16.8	26.0	25.7	M	Liver cancer	155.0/C22 excl C221
-	0.3	0.5	1.5	1.8	2.5	2.7	6.4	9.1	13.7	F		
0.9	0.9	3.5	8.6	19.5	28.4	52.0	68.0	79.0	123.5	M	Pancreas cancer	157/C25
0.7	1.4	4.3	6.5	13.9	23.6	35.5	62.4	68.2	102.0	F		
-	0.1	0.1	2.2	3.3	5.1	5.6	7.4	9.4	21.2	M	Larynx cancer	161/C32
-	0.5	-	0.8	0.4	0.5	0.5	1.2	2.1	2.5	F		
2.1	6.2	17.7	39.8	89.0	146.0	257.3	364.8	557.1	670.9	M	Lung cancer	162/C33, C34
2.6	8.1	19.7	43.1	74.4	94.7	130.5	169.5	188.8	154.3	F		
3.0	3.0	3.5	6.1	10.0	11.2	18.8	19.9	14.8	27.1	M	Malignant melanoma	172/C43
1.9	2.9	1.9	5.2	4.9	8.2	7.9	10.0	12.3	19.2	F		
9.1	16.3	27.2	44.2	56.5	74.6	79.7	90.1	113.9	217.3	F	Female breast cancer	174/C50
1.9	1.8	2.0	2.0	4.0	3.6	4.9	6.7	5.3	11.8	F	Cervix cancer	180/C53
0.2	0.1	1.2	3.0	5.5	9.2	15.1	15.2	20.4	34.0	F	Other uterine cancer	179, 182/C54, C55
1.1	2.0	5.4	8.7	16.1	25.4	31.3	45.3	53.8	68.7	F	Ovarian cancer	183/C56, C570-C574
-	0.3	0.5	2.2	7.8	25.7	64.6	125.2	221.3	572.6	M	Prostate cancer	185/C61
0.5	0.8	1.5	3.3	4.7	12.1	22.1	36.0	75.9	162.8	M	Bladder cancer	188/C67
0.7	0.5	1.2	1.8	3.3	3.8	8.1	11.9	16.9	43.3	F		
7.8	9.9	16.8	26.4	50.3	81.4	128.8	198.6	303.5	490.6	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
5.2	7.8	11.5	22.9	30.7	52.5	87.1	103.8	164.9	347.3	F	cancer sites	
-	0.3	0.5	0.5	0.4	0.5	1.0	1.7	3.1	3.2	M	Hodgkin's disease	201/C81
0.2	-	0.3	0.3	0.6	1.1	0.2	0.3	1.8	2.1	F		
0.9	2.5	4.8	6.0	10.8	18.6	31.7	54.5	69.1	127.2	M	Myeloma and non-	200, 202-203/ C82-C90, C96
1.4	1.4	2.5	3.2	6.8	12.9	19.7	35.6	46.8	77.0	F	Hodgkin lymphomas	
0.7	2.1	2.6	2.6	6.2	10.9	20.5	33.0	56.1	85.2	M	Leukaemia	204-208/C91-C95
0.9	0.8	1.7	2.9	2.6	7.2	9.4	25.2	29.9	52.1	F		
1.0	1.6	4.8	10.4	12.8	23.0	36.2	53.2	104.2	240.8	M	Diabetes	250/E10-E14
0.3	0.8	1.5	3.2	7.3	12.3	20.5	35.9	78.4	242.5	F		
13.2	26.1	39.7	80.8	136.2	225.3	386.3	689.2	1363.0	3872.1	M	ALL VASCULAR	390-459/I00-I99
6.6	12.0	24.6	39.7	58.1	88.4	170.5	378.8	800.3	3507.4	F	DISEASE	
-	-	-	-	-	-	-	0.3	0.5	-	M	Rheumatic heart	390-398/I00-I09
-	-	-	-	0.2	0.2	0.5	-	-	0.7	F	disease and fever	
-	0.5	1.2	2.2	4.0	6.5	6.3	11.4	28.3	69.4	M	Hypertensive disease	401-405/I10-I15
0.2	0.3	0.8	0.5	1.8	2.0	5.4	13.1	28.1	122.4	F		
5.9	11.4	16.8	34.8	55.8	97.5	142.2	235.6	455.2	1098.8	M	Ischaemic heart	410-414/I20-I25
1.1	2.3	6.6	12.9	16.3	27.4	53.0	105.6	185.3	671.3	F	disease	
0.3	1.4	1.1	2.5	2.5	3.6	4.3	8.8	12.6	29.3	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.5	0.9	2.3	2.4	1.8	2.7	4.0	8.2	15.8	42.3	F	and other venous	
1.7	2.1	5.9	12.8	20.2	32.4	71.2	136.6	276.1	772.3	M	Cerebrovascular	430-438/I60-I69
1.9	4.4	7.5	10.4	15.9	20.3	43.4	102.8	217.0	898.7	F	disease	
5.2	10.8	14.8	28.5	53.6	85.2	162.2	296.5	590.4	1902.2	M	Other vascular	Rest of 390-459/ rest of I00-I99
3.0	4.1	7.4	13.6	22.1	35.9	64.2	149.1	354.1	1772.0	F	disease	
0.3	0.3	2.9	5.8	11.5	23.9	52.5	125.5	316.1	804.4	M	Chronic obstructive	490-496/ J40-J47, J67
0.3	1.1	2.0	7.5	17.7	23.9	51.6	89.8	154.0	348.7	F	pulmonary disease	
1.6	0.9	2.7	7.8	13.7	23.2	45.4	106.7	239.3	902.2	M	Other respiratory	Rest of 460-519/ rest of J00-J98
0.7	0.9	2.6	5.7	6.4	11.1	20.0	45.6	120.3	660.2	F	disease	
-	0.5	0.3	0.2	0.7	0.9	2.5	2.4	7.6	15.8	M	Peptic ulcer	531-533/K25-K27
0.2	-	0.3	-	-	1.4	2.0	2.1	6.3	13.0	F		
1.6	3.1	4.7	10.3	17.1	16.8	17.0	17.2	13.9	17.6	M	Liver cirrhosis	571/K70, K74
-	1.4	1.1	5.5	6.0	7.6	6.2	8.8	12.3	11.1	F		
0.2	0.1	0.3	1.8	3.3	4.3	7.1	19.2	50.3	217.3	M	Renal disease	580-590/N00-N19
0.2	0.6	0.1	0.7	1.6	1.6	6.9	14.6	33.0	171.5	F		
-	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.7	0.5	0.8	2.5	2.4	5.4	2.0	0.7	0.5	1.4	F	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.3	0.3	0.8	2.2	5.3	4.7	2.0	0.9	0.3	1.4	F	perinatal causes	
6.4	7.5	11.8	21.1	32.6	46.3	65.9	81.4	115.4	341.8	M	Ill-defined causes	780-799/R00-R99
3.8	3.8	7.5	11.4	14.1	17.2	28.6	35.3	70.0	478.1	F		
7.8	12.2	20.5	25.6	46.3	68.6	124.2	236.2	554.4	2054.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
5.2	8.7	13.7	19.8	32.0	49.1	92.3	198.7	487.7	2473.1	F		
24.4	30.6	37.6	40.1	36.5	40.5	43.6	58.2	112.2	385.9	M	ALL NON-	E800-E999/V01-Y89
9.1	11.7	14.9	16.6	19.2	17.9	21.0	26.2	54.9	340.1	F	MEDICAL CAUSES	
3.7	3.6	3.9	4.7	4.0	3.6	6.1	5.0	17.1	31.1	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
0.7	1.4	1.1	1.5	2.2	2.9	1.5	4.6	5.6	6.7	F	accidents	
-	0.3	0.3	0.8	0.2	0.4	0.8	-	0.5	1.4	M	Fire	E890-E899/X00-X09
-	0.1	-	0.2	0.2	0.2	0.7	0.3	-	2.1	F		
11.8	19.5	23.4	23.6	21.5	19.9	15.0	14.8	14.4	22.5	M	Suicide	E950-E959/X60-X84
6.5	7.8	9.4	9.7	9.3	8.3	6.2	6.4	4.2	7.9	F		
574.3	665.8	662.4	602.8	548.6	552.7	394.5	297.2	222.7	221.8	M	POPULATION	
572.4	657.2	649.7	596.9	547.1	552.0	405.3	328.7	284.4	432.2	F	(1000s; UN, 2015 revision)	

## NETHERLANDS: 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	– / 1.5	– / 0.9	–
35–69	6.0 / 19	4.0 / 14	24 years
70+	12 / 45	8.7 / 56	7 years
All ages	18 / 66	13 / 71	13 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	2.3/2.6	3.5/3.8	5.8/6.4	–/0.0	1.7/2.0	1.4/1.7	3.1/3.7
All Cancer	–/0.2	3.4/8.8 (38%)	5.2/14 (37%)	8.5/23	–/0.2	2.1/7.8 (27%)	2.0/11 (18%)	4.1/19
Vascular	–/0.1	1.4/4.5	2.9/14	4.3/18	–/0.0	0.8/2.0	2.9/19	3.8/21
Respiratory	–/0.0	0.5/1.0	2.8/6.0	3.3/7.0	–/0.0	0.5/0.8	2.2/5.9	2.8/6.7
All Other	–/1.2	0.7/5.2	1.2/11	1.8/18	–/0.7	0.6/2.9	1.6/20	2.1/24
All Causes	–/1.5	6.0/19 (31%)	12/45 (27%)	18/66	–/0.9	4.0/14 (30%)	8.7/56 (16%)	13/71

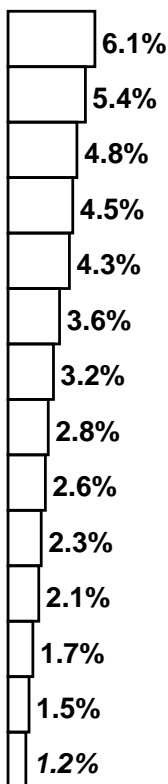
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	8.5 / 23 (37%)	4.1 / 19 (21%)	13 / 42 (30%)
All Causes	18 / 66 (27%)	13 / 71 (18%)	31 / 136 (23%)



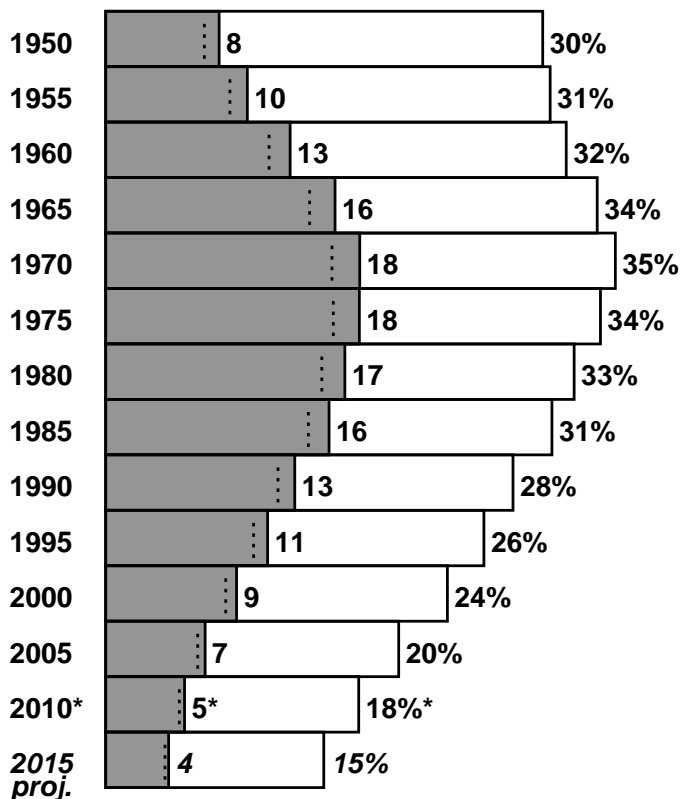
1950-2015: NETHERLANDS

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)

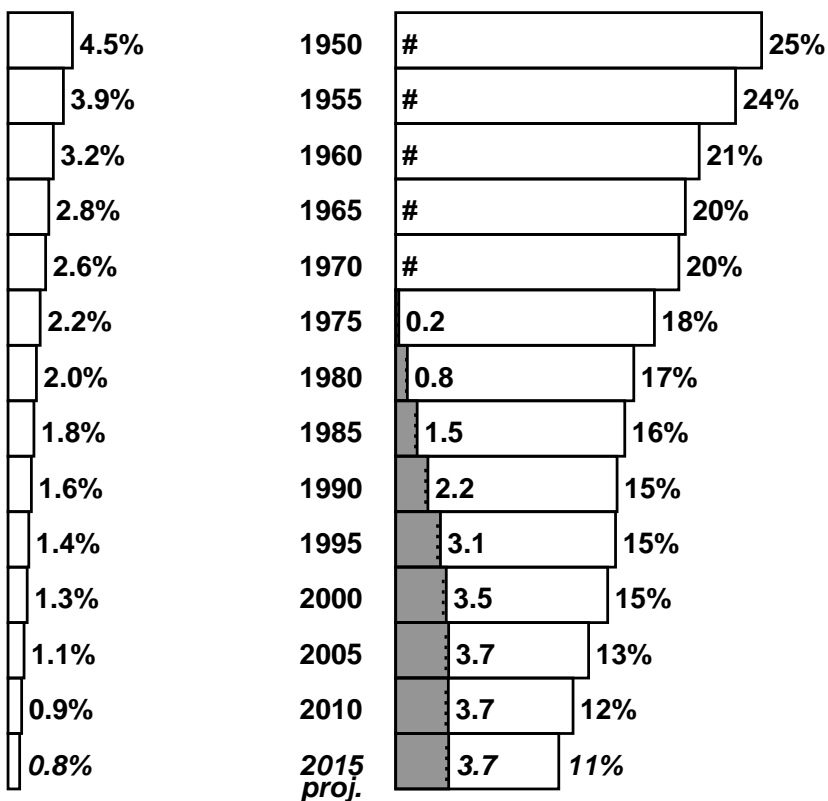
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 5 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



# Real risk too low to estimate reliably

## NETHERLANDS: 1950-2015

*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	– / 1.2	– / 0.8	–
35–69	5.2 / 18	4.4 / 14	23 years
70+	11 / 46	10 / 56	7 years
All ages	16 / 65	15 / 70	12 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	–/5.5	5.3/16 (33%)	2.1/22 (10%)	7.3/43	–/3.8	0.0/12	0.0/23	0.0/39
1965	–/5.1	9.8/21 (47%)	5.4/28 (19%)	15/54	–/3.1	0.0/12	0.0/28	0.0/43
1975	–/4.1	12/23 (51%)	11/35 (33%)	23/62	–/2.4	0.2/13 (1%)	0.2/35 (0.5%)	0.3/49
1985	–/3.1	11/23 (49%)	15/39 (39%)	27/65	–/1.8	1.2/12 (10%)	1.2/42 (3%)	2.4/56
1995	–/2.6	9.2/22 (42%)	15/44 (35%)	25/68	–/1.5	2.6/13 (20%)	3.5/53 (7%)	6.1/68
2005	–/1.8	6.7/20 (33%)	13/44 (29%)	20/66	–/1.1	3.6/13 (27%)	7.4/56 (13%)	11/70
2015 proj.	–/1.2	5.2/18 (29%)	11/46 (25%)	16/65	–/0.8	4.4/14 (32%)	10/56 (18%)	15/70

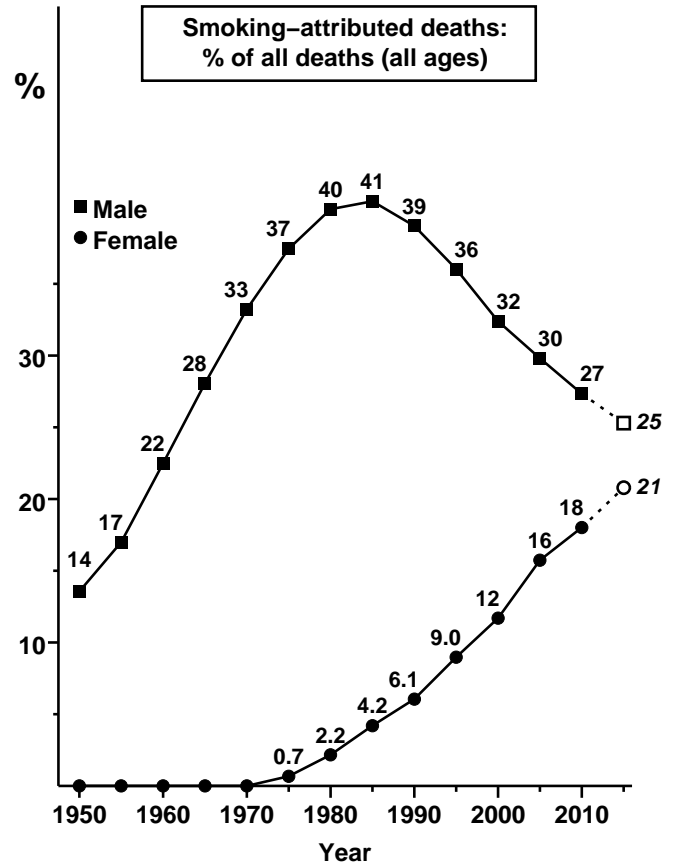
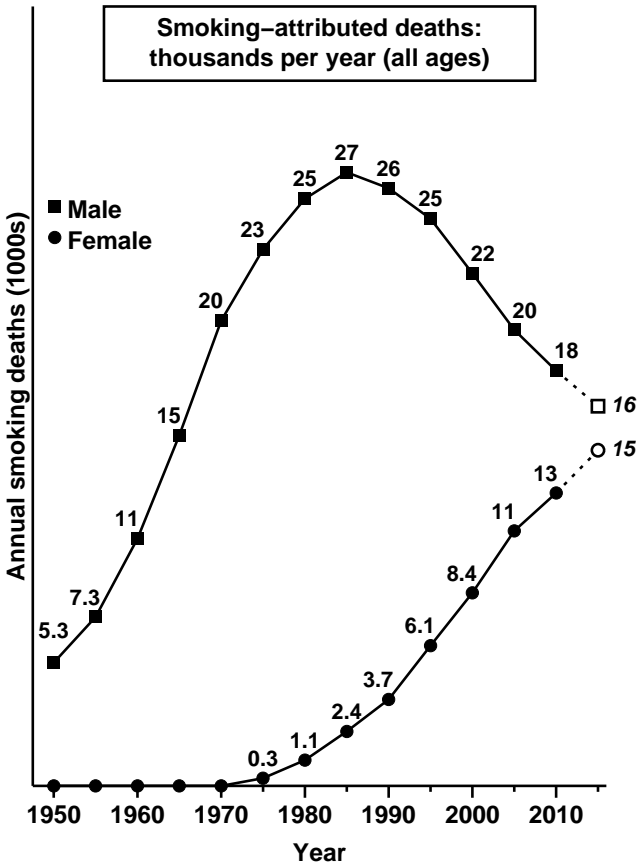
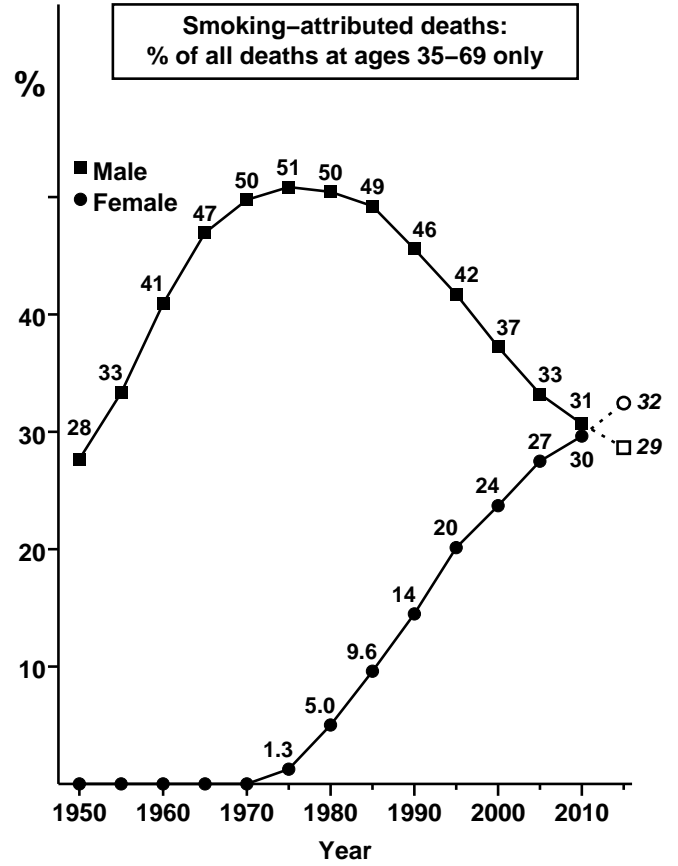
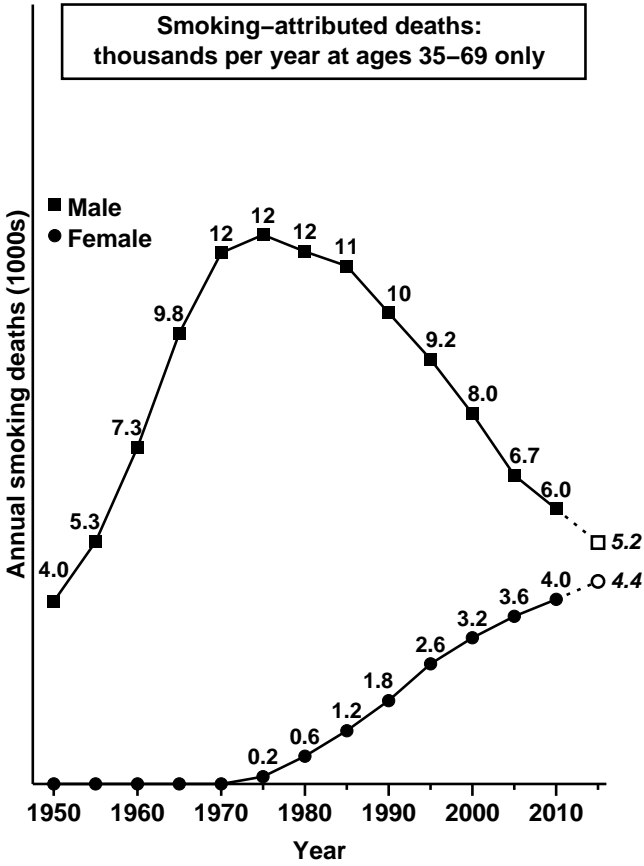
60-year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 1604 / 7386

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

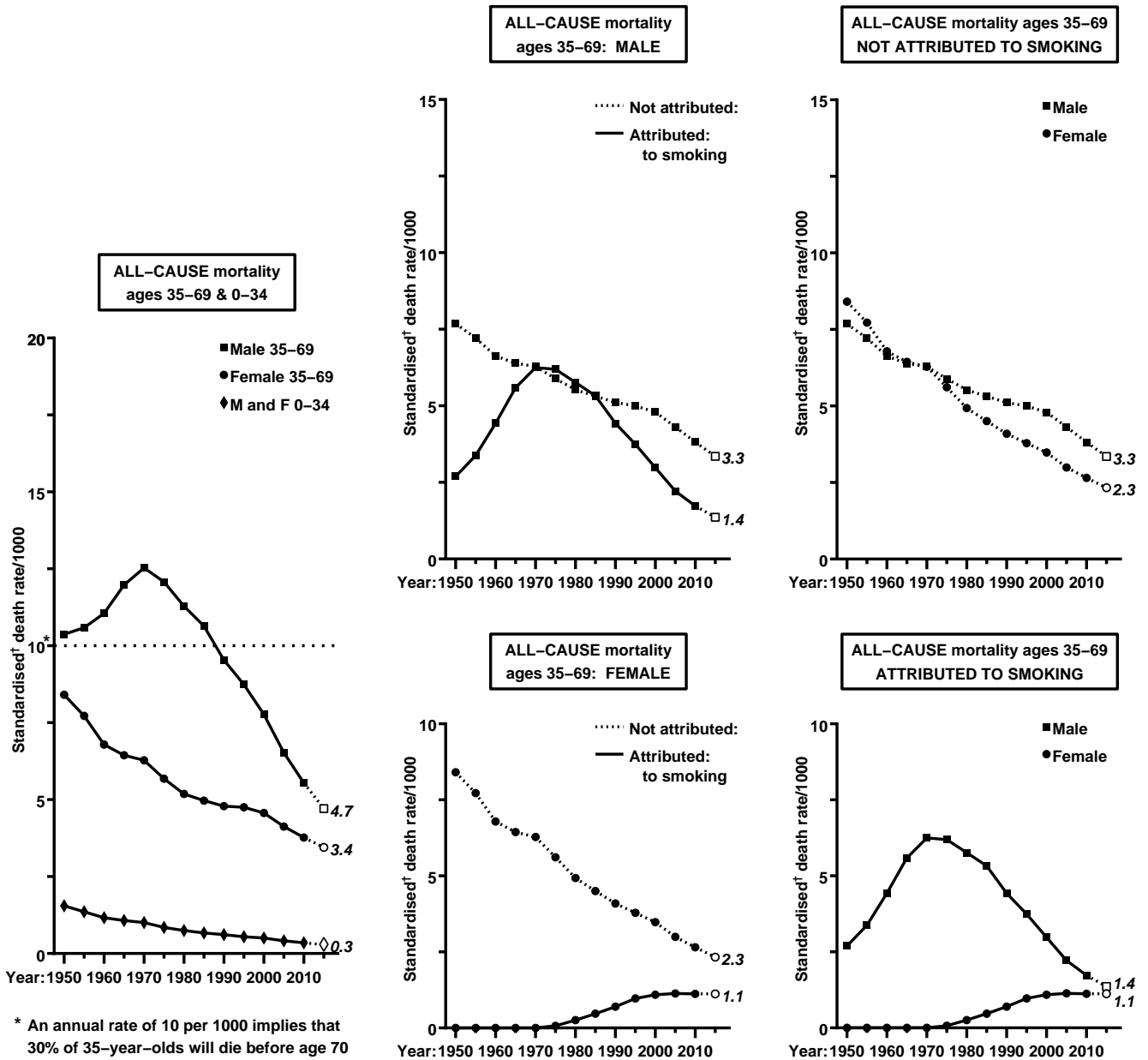
–/179	541/1276 (42%)	719/2360 (30%)	1260/3814	–/107	119/768 (16%)	225/2696 (8%)	344/3571
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1950-2015: NETHERLANDS



**NETHERLANDS: 1950-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

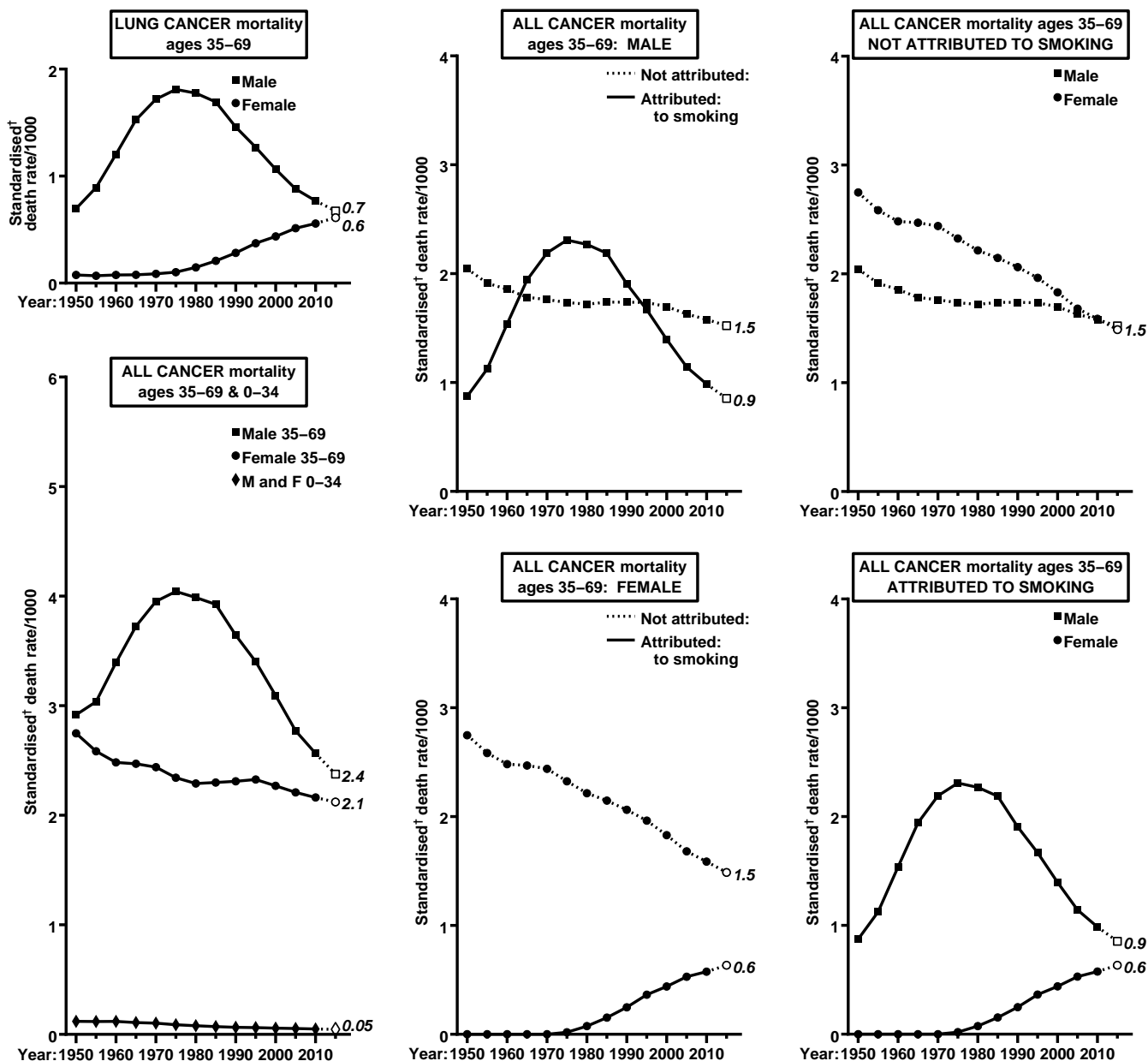
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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	No	Yes	No	Yes	No	
1950	-	1.78	2.69	7.68	5.29	58.5	-	1.31	0.00	8.41	0.00	59.8
1955	-	1.58	3.37	7.21	6.87	57.2	-	1.12	0.00	7.72	0.00	56.8
1960	-	1.40	4.43	6.63	9.93	52.4	-	0.92	0.00	6.79	0.00	51.4
1965	-	1.32	5.59	6.39	14.3	50.1	-	0.82	0.00	6.44	0.00	47.5
1970	-	1.25	6.25	6.28	20.7	47.5	-	0.76	0.00	6.28	0.00	45.3
1975	-	1.04	6.19	5.88	24.6	42.7	-	0.65	0.07	5.61	0.26	39.3
1980	-	0.92	5.76	5.52	27.7	39.0	-	0.57	0.25	4.93	0.55	34.0
1985	-	0.81	5.32	5.31	27.8	37.3	-	0.52	0.47	4.50	1.10	30.5
1990	-	0.75	4.43	5.11	26.3	36.5	-	0.47	0.70	4.09	1.70	28.7
1995	-	0.67	3.74	5.00	23.0	37.0	-	0.42	0.97	3.78	2.60	27.2
2000	-	0.62	2.97	4.79	18.8	34.8	-	0.38	1.09	3.48	3.71	24.8
2005	-	0.50	2.21	4.31	14.8	30.1	-	0.32	1.13	2.99	4.64	20.7
2010	-	0.42	1.73	3.81	11.2	25.5	-	0.27	1.12	2.65	4.67	17.2
2015	-	0.36	1.36	3.35	8.51	21.5	-	0.23	1.12	2.33	4.71	14.1

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

1950-2015: NETHERLANDS

ALL CANCER mortality rates attributed and not attributed to smoking



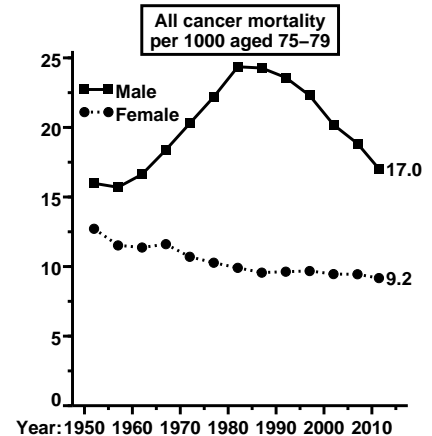
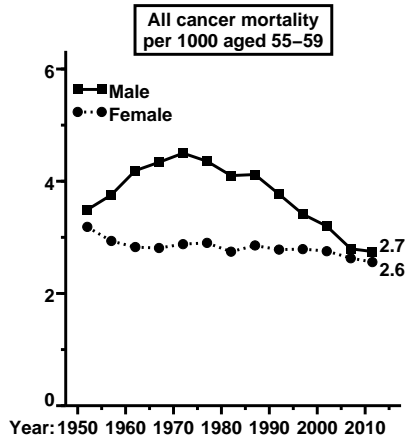
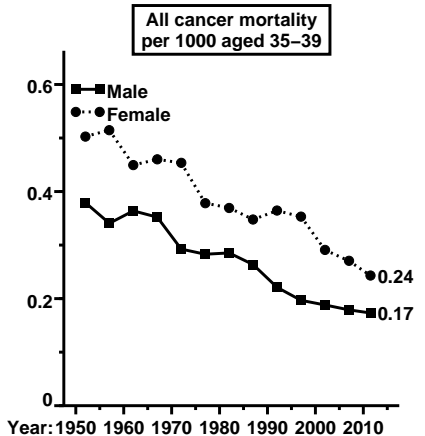
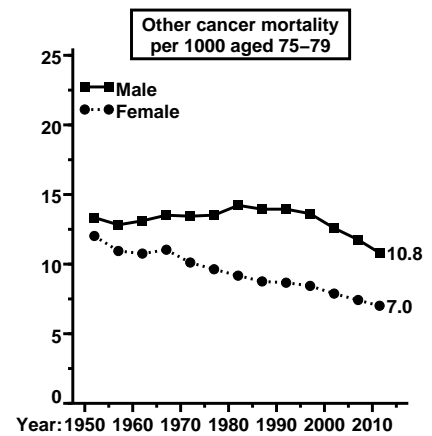
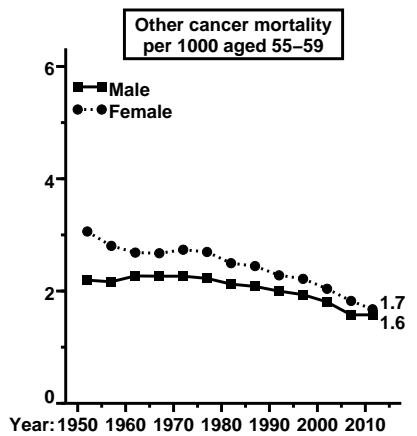
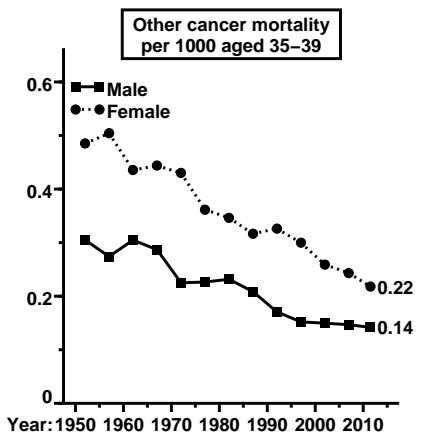
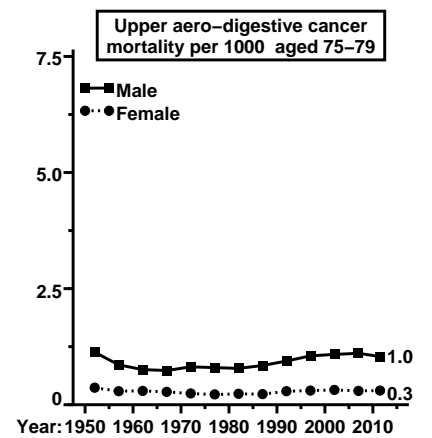
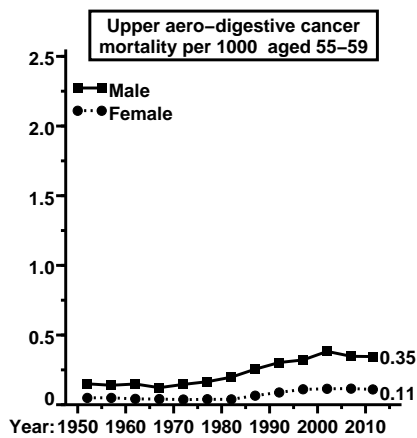
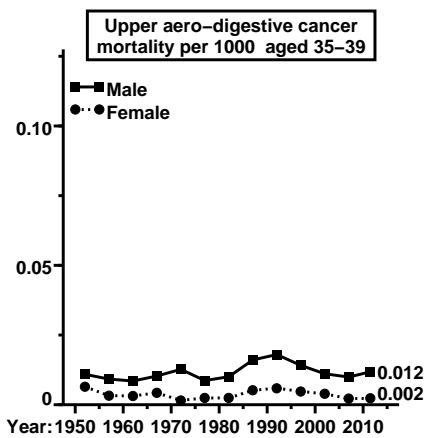
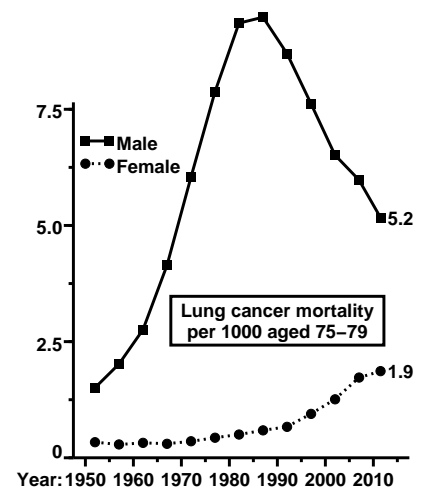
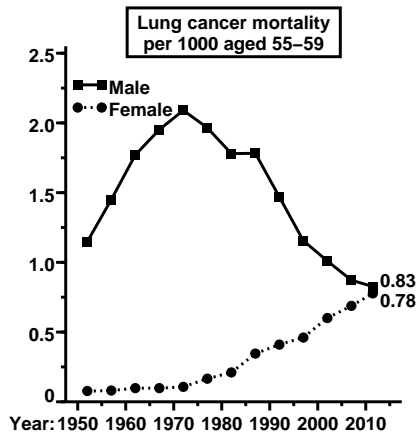
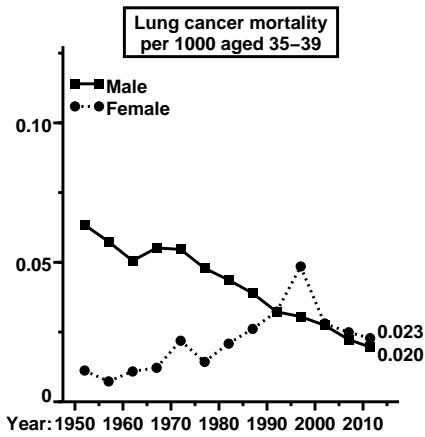
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	0.12	0.87	2.04	1.71	12.0	-	0.11	0.00	2.75	0.00	11.0				
1955	-	0.12	1.12	1.91	2.19	11.4	-	0.11	0.00	2.58	0.00	10.3				
1960	-	0.13	1.54	1.86	3.25	10.7	-	0.11	0.00	2.48	0.00	9.67				
1965	-	0.11	1.94	1.78	4.81	10.8	-	0.10	0.00	2.47	0.00	9.91				
1970	-	0.11	2.19	1.76	7.09	10.2	-	0.10	0.00	2.44	0.00	9.38				
1975	-	0.09	2.31	1.73	9.03	9.86	-	0.08	0.02	2.32	0.05	8.89				
1980	-	0.08	2.27	1.72	11.0	9.74	-	0.07	0.07	2.21	0.12	8.36				
1985	-	0.07	2.19	1.74	11.2	9.71	-	0.07	0.15	2.15	0.27	8.06				
1990	-	0.06	1.91	1.74	10.7	9.92	-	0.06	0.25	2.06	0.42	8.01				
1995	-	0.06	1.67	1.73	9.32	9.89	-	0.06	0.36	1.96	0.68	7.68				
2000	-	0.06	1.39	1.70	7.97	9.76	-	0.05	0.44	1.83	1.06	7.28				
2005	-	0.05	1.14	1.63	7.06	9.21	-	0.05	0.53	1.68	1.57	6.69				
2010	-	0.05	0.99	1.58	5.96	8.84	-	0.05	0.58	1.59	1.85	6.34				
2015	-	0.04	0.85	1.52	5.03	8.44	-	0.05	0.63	1.49	2.16	5.96				

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

**NETHERLANDS: 1950-2013**

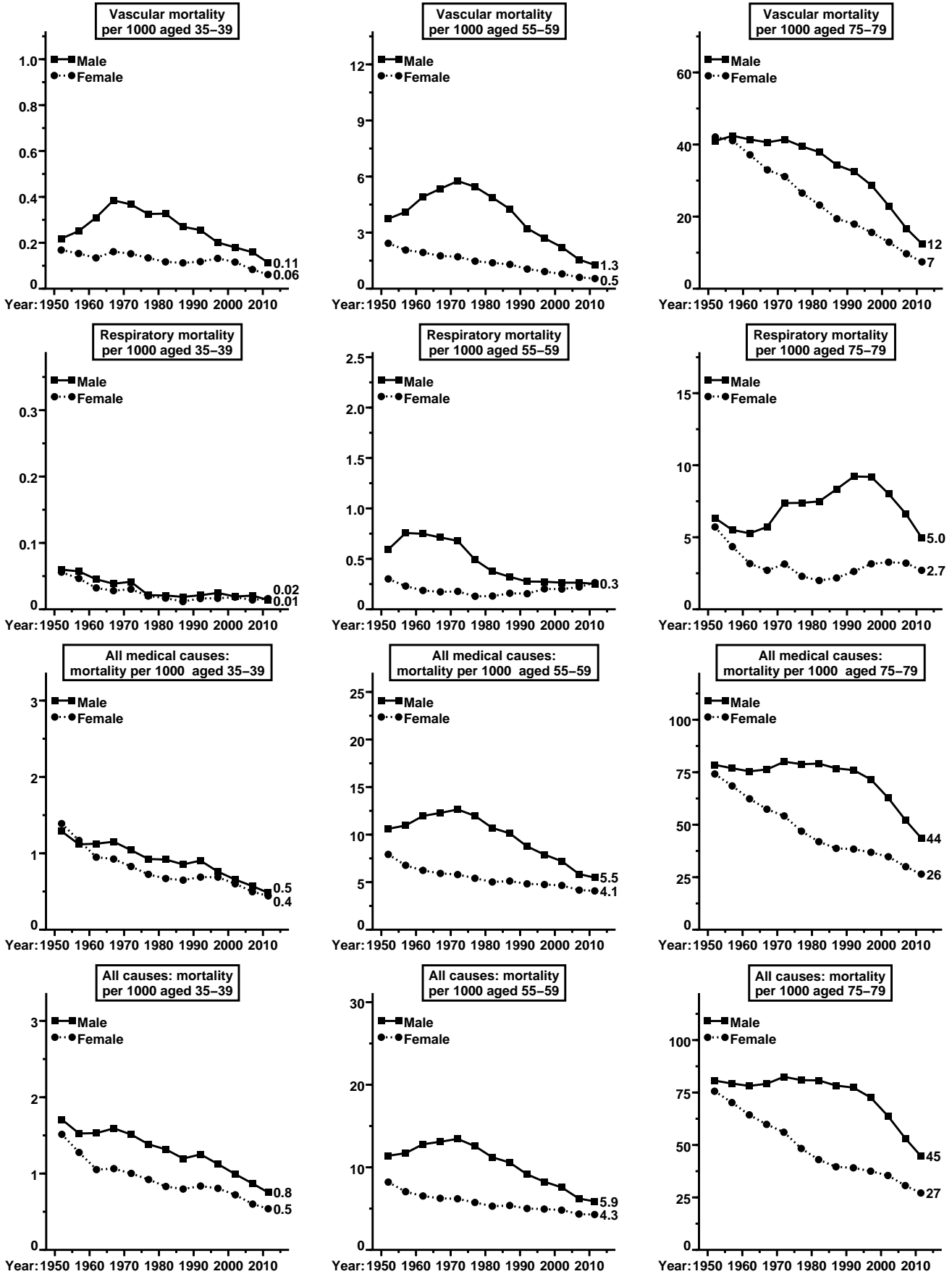
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 4-year average 2010-13

1950-2013: NETHERLANDS

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



\* Annual mortality per 1000: averages of years available in 1950-54, ..., 2005-09; then 4-year average 2010-13

## NEW ZEALAND: 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	14344	744	4236	581.8	69.3	538.1	151.5	8.2	17.1	72.1	88.8	70.8	76.7
	F	14305	450	2981	432.7	43.1	361.9	119.8	4.3	13.8	33.9	35.6	39.4	54.8
Tuberculosis	M	10	1	5	0.4	0.1	0.8	-	-	-	-	-	0.7	-
	F	7	-	3	0.2	-	0.4	-	-	-	-	-	-	-
Other infective and parasitic	M	113	5	47	4.7	0.5	5.6	2.5	-	-	-	-	-	0.8
	F	129	10	16	3.9	0.9	1.9	5.3	-	-	0.6	-	-	0.7
ALL CANCER	M	4440	45	1664	184.7	4.3	218.5	4.4	2.0	3.3	4.8	3.1	4.9	7.8
	F	4036	55	1599	142.3	5.4	194.3	4.0	1.4	1.4	1.9	7.1	5.5	16.4
Mouth and pharynx cancer	M	90	1	42	3.8	0.1	5.2	-	-	-	-	0.6	-	-
	F	26	1	10	0.9	0.1	1.2	-	-	-	-	-	0.7	-
Oesophagus cancer	M	139	-	55	5.8	-	7.6	-	-	-	-	-	-	-
	F	82	-	23	2.7	-	2.9	-	-	-	-	-	-	-
Stomach cancer	M	158	-	80	6.7	-	9.8	-	-	-	-	-	-	-
	F	95	2	42	3.3	0.2	4.9	-	-	-	-	-	0.7	0.7
Colorectal cancer	M	618	-	226	25.7	-	29.2	-	-	-	-	-	-	-
	F	590	5	179	19.6	0.5	22.4	-	-	-	0.6	-	0.7	2.1
Liver cancer	M	109	-	65	4.8	-	7.6	-	-	-	-	-	-	-
	F	22	5	8	0.8	0.5	1.1	0.7	-	-	0.6	1.3	0.7	-
Pancreas cancer	M	220	-	92	9.3	-	12.0	-	-	-	-	-	-	-
	F	215	-	72	7.4	-	9.7	-	-	-	-	-	-	-
Larynx cancer	M	20	-	7	0.8	-	1.1	-	-	-	-	-	-	-
	F	5	-	2	0.2	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	893	-	374	37.9	-	50.4	-	-	-	-	-	-	-
	F	757	-	323	28.0	-	40.5	-	-	-	-	-	-	-
Malignant melanoma	M	199	2	94	8.4	0.2	11.9	-	-	-	-	0.6	0.7	-
	F	125	6	48	4.5	0.6	5.7	-	-	-	-	1.3	-	2.9
Female breast cancer	F	641	6	363	24.3	0.6	40.6	-	-	-	-	0.7	-	3.6
Cervix cancer	F	52	4	32	2.1	0.4	3.5	-	-	-	-	-	1.4	1.4
Other uterine cancer	F	100	-	47	3.7	-	5.9	-	-	-	-	-	-	-
Ovarian cancer	F	217	2	99	7.9	0.2	11.9	-	-	-	-	0.7	0.7	-
Prostate cancer	M	589	-	110	22.9	-	16.1	-	-	-	-	-	-	-
Bladder cancer	M	126	-	21	4.8	-	2.8	-	-	-	-	-	-	-
	F	49	1	10	1.5	0.1	1.2	-	-	-	-	-	-	0.7
Other and ill-defined cancer sites	M	862	29	361	36.3	2.8	46.0	3.7	1.4	2.0	3.6	0.6	2.8	5.4
	F	729	13	258	24.7	1.2	31.9	1.3	-	0.7	0.6	2.6	0.7	2.9
Hodgkin's disease	M	8	-	5	0.3	-	0.7	-	-	-	-	-	-	-
	F	8	3	2	0.3	0.3	0.2	-	-	-	-	0.7	-	1.4
Myeloma and non-Hodgkin lymphomas	M	237	2	81	9.8	0.2	11.2	-	-	-	-	-	-	1.6
	F	206	2	50	6.6	0.2	6.4	0.7	-	-	-	-	-	0.7
Leukaemia	M	172	11	51	7.2	1.0	7.0	0.6	0.7	1.3	1.2	1.2	1.4	0.8
	F	117	5	31	3.8	0.5	4.0	1.3	1.4	0.7	-	-	-	-
Diabetes	M	397	2	159	16.6	0.2	20.3	-	-	-	-	-	0.7	0.8
	F	377	2	92	12.0	0.2	11.5	-	-	-	-	-	0.7	0.7
ALL VASCULAR DISEASE	M	4877	34	1211	191.3	3.3	155.2	1.9	-	0.7	1.8	5.5	5.6	7.8
	F	5298	28	541	140.8	2.7	67.4	4.0	0.7	1.4	0.6	1.9	4.2	6.4
Rheumatic heart disease and fever	M	65	3	25	2.7	0.3	2.8	-	-	-	-	0.6	0.7	0.8
	F	79	3	20	2.6	0.3	2.3	-	-	-	-	0.7	1.4	-
Hypertensive disease	M	116	-	29	4.5	-	3.9	-	-	-	-	-	-	-
	F	217	-	13	5.6	-	1.7	-	-	-	-	-	-	-
Ischaemic heart disease	M	2900	6	784	114.4	0.6	100.4	-	-	-	-	0.6	-	3.9
	F	2489	2	237	65.9	0.2	30.5	-	-	-	-	0.7	-	0.7
Pulmonary embolism and other venous	M	22	-	2	0.8	-	0.3	-	-	-	-	-	-	-
	F	31	2	12	1.1	0.2	1.4	-	-	-	-	0.7	-	0.7
Cerebrovascular disease	M	945	8	170	36.4	0.8	22.1	0.6	-	0.7	0.6	0.6	2.1	0.8
	F	1522	3	155	40.1	0.3	18.9	-	-	-	-	-	1.4	0.7
Other vascular disease	M	829	17	201	32.5	1.6	25.7	1.2	-	-	1.2	3.7	2.8	2.3
	F	960	18	104	25.6	1.8	12.6	4.0	0.7	1.4	0.6	-	1.4	4.3
Chronic obstructive pulmonary disease	M	860	5	155	33.5	0.5	21.6	1.2	-	-	1.2	-	0.7	-
	F	798	4	164	24.7	0.4	20.8	-	-	0.7	0.6	0.7	0.7	-
Other respiratory disease	M	383	17	55	14.4	1.6	7.0	6.2	0.7	0.7	0.6	1.2	0.7	0.8
	F	416	5	29	10.6	0.5	3.5	2.6	-	-	-	-	-	0.7
Peptic ulcer	M	37	1	12	1.5	0.1	1.6	-	-	-	-	-	0.7	-
	F	33	-	3	0.9	-	0.3	-	-	-	-	-	-	-
Liver cirrhosis	M	82	1	54	3.7	0.1	6.6	-	-	-	-	-	0.7	-
	F	32	-	21	1.3	-	2.5	-	-	-	-	-	-	-
Renal disease	M	137	1	10	5.0	0.1	1.3	0.6	-	-	-	-	-	-
	F	136	2	10	3.4	0.2	1.2	0.7	-	-	-	-	0.7	-
Pregnancy, birth	F	6	2	4	0.3	0.2	0.4	-	-	-	-	-	1.4	-
Congenital and perinatal causes	M	203	158	37	9.9	14.2	4.2	91.7	1.4	1.3	0.6	0.6	2.1	1.6
	F	150	126	17	7.5	11.9	2.1	73.1	0.7	0.7	2.6	1.9	2.1	2.1
Ill-defined causes	M	49	20	7	2.1	1.8	0.9	10.6	-	0.7	0.6	-	0.7	-
	F	67	13	5	2.0	1.2	0.6	8.6	-	-	-	-	-	-
Other medical causes	M	1536	51	299	59.8	4.8	38.1	8.1	2.0	2.6	4.8	5.5	3.5	7.0
	F	2088	35	275	56.9	3.4	33.4	5.9	1.4	1.4	1.3	1.9	4.2	7.8
ALL NON-MEDICAL CAUSES	M	1220	403	521	54.2	37.8	56.3	24.3	2.0	7.9	57.6	72.8	49.8	50.4
	F	732	168	202	26.0	16.0	21.4	15.8	-	8.3	26.2	22.0	20.0	19.9
Road traffic accidents	M	288	131	123	13.1	12.1	13.3	3.1	1.4	2.0	21.8	28.4	18.2	10.1
	F	114	43	44	4.8	4.1	5.0	1.3	-	2.1	7.7	9.7	5.5	2.1
Fire	M	12	2	6	0.5	0.2	0.7	-	0.7	-	0.6	-	-	-
	F	5	-	3	0.2	-	0.3	-	-	-	-	-	-	-
Suicide	M	387	145	209	18.0	13.9	21.9	-	-	2.0	18.2	29.0	23.8	24.0
	F	148	68	70	6.6	6.5	7.0	-	-	2.1	13.4	9.1	10.4	10.7
POPULATION:			M=male		2144.6	1058.3	912.3	160.4	147.0	152.1	165.0	162.2	142.6	129.1
(1000s; UN, 2015 revision)			F=female		2224.4	1032.7	970.9	151.9	140.0	144.7	156.5	154.4	144.7	140.4



## 2010: NEW ZEALAND

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			
127.8	166.2	255.0	368.9	583.5	835.8	1429.7	2222.1	3995.2	10076.8	M	ALL CAUSES	001-999/A00-Y89
68.1	117.7	172.4	253.8	363.5	583.2	974.6	1495.1	2672.6	8963.4	F		
-	-	-	-	-	0.9	4.7	1.5	4.2	1.7	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	0.6	-	-	-	0.8	1.1	-	1.8	3.2	F		
-	2.7	5.1	7.1	8.1	3.5	13.0	8.9	23.1	74.3	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
-	0.6	0.6	4.1	0.8	0.8	6.8	15.0	22.0	86.2	F	and parasitic	
24.4	42.8	74.7	123.9	227.3	391.9	644.5	974.0	1408.7	2373.6	M	ALL CANCER	140-208/C00-C97
32.2	59.8	90.7	129.3	209.8	326.0	512.7	671.9	909.8	1500.2	F		
-	2.0	3.2	5.0	6.5	8.8	10.6	20.9	18.9	40.5	M	Mouth and	140-149/C00-C14
0.6	0.6	1.2	-	0.8	1.7	3.4	4.1	5.5	9.7	F	pharynx cancer	
-	1.4	1.9	3.5	4.0	14.1	28.4	34.2	39.9	70.9	M	Oesophagus cancer	150/C15
-	1.9	1.2	-	3.1	5.9	7.9	19.1	20.1	36.6	F		
5.6	4.1	6.3	5.0	9.7	16.7	21.3	31.3	25.2	76.0	M	Stomach cancer	151/C16
0.6	3.1	3.6	3.4	6.2	5.9	11.3	6.8	18.3	38.8	F		
2.1	4.8	8.9	17.7	40.3	56.2	74.5	141.5	230.9	315.7	M	Colorectal cancer	153, 154/C18-C21
1.9	4.9	10.7	9.5	24.2	38.2	67.6	99.5	146.4	272.7	F		
-	1.4	4.4	14.2	9.7	13.2	10.6	16.4	35.7	27.0	M	Liver cancer	155.0/C22 excl C221
-	-	-	-	2.3	-	5.6	-	3.7	7.5	F		
2.1	1.4	4.4	3.5	20.1	20.2	31.9	56.6	67.2	97.9	M	Pancreas cancer	157/C25
1.9	0.6	1.2	4.1	5.5	15.3	39.4	47.7	56.8	83.0	F		
-	-	-	-	-	2.6	4.7	7.5	4.2	10.1	M	Larynx cancer	161/C32
-	-	-	-	-	0.8	1.1	1.4	1.8	1.1	F		
-	6.1	15.2	27.6	45.1	93.2	165.6	235.3	304.4	364.6	M	Lung cancer	162/C33, C34
1.9	5.5	9.5	30.5	46.0	77.2	112.7	173.1	206.8	209.1	F		
4.2	3.4	2.5	7.8	15.3	22.0	28.4	32.8	58.8	89.5	M	Malignant melanoma	172/C43
0.6	1.9	2.4	6.1	3.9	12.7	12.4	17.7	29.3	45.3	F		
13.9	21.0	32.8	38.6	48.4	61.1	68.7	70.9	119.0	167.1	F	Female breast cancer	174/C50
1.9	4.3	3.0	2.0	3.1	3.4	6.8	5.5	5.5	9.7	F	Cervix cancer	180/C53
-	0.6	1.2	5.4	7.8	9.3	16.9	16.4	23.8	30.2	F	Other uterine cancer	179, 182/C54, C55
1.9	3.1	6.0	10.8	14.0	17.0	30.4	45.0	33.0	70.0	F	Ovarian cancer	183/C56, C570-C574
-	0.7	-	2.8	11.3	27.2	71.0	104.2	201.6	528.4	M	Prostate cancer	185/C61
0.7	1.4	-	0.7	4.0	3.5	9.5	16.4	50.4	118.2	M	Bladder cancer	188/C67
0.6	1.2	-	-	1.6	2.5	2.2	4.1	12.8	30.2	F		
7.7	13.6	21.5	28.3	47.5	85.2	118.3	166.8	243.5	411.9	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
5.0	9.2	14.3	16.9	32.8	52.6	92.4	104.9	146.4	324.4	F	cancer sites	
0.7	-	0.6	-	-	0.9	2.4	-	-	5.1	M	Hodgkin's disease	201/C81
-	-	0.6	-	0.8	-	-	1.4	3.7	-	F		
0.7	0.7	2.5	2.8	12.1	20.2	39.0	67.0	69.3	128.3	M	Myeloma and non-	200, 202-203/ C82-C90, C96
1.3	1.2	1.8	1.4	4.7	14.4	20.3	38.2	51.2	105.6	F	Hodgkin lymphomas	
0.7	2.0	3.2	5.0	1.6	7.9	28.4	43.2	58.8	89.5	M	Leukaemia	204-208/C91-C95
-	0.6	1.2	0.7	4.7	7.6	13.5	16.4	25.6	59.3	F		
2.1	2.0	8.2	17.0	25.8	36.0	50.9	77.4	126.0	209.3	M	Diabetes	250/E10-E14
-	2.5	3.6	9.5	12.5	19.5	32.7	68.2	84.2	201.5	F		
18.9	42.1	69.6	106.9	180.5	245.2	423.4	686.6	1358.3	4261.0	M	ALL VASCULAR	390-459/I00-I99
8.8	19.1	29.2	42.6	53.0	112.9	206.2	384.3	968.4	4222.5	F	DISEASE	
1.4	0.7	3.8	3.5	3.2	3.5	3.5	11.9	12.6	38.8	M	Rheumatic heart	390-398/I00-I09
1.3	1.2	0.6	2.7	2.3	2.5	5.6	9.5	22.0	39.9	F	disease and fever	
-	0.7	1.9	1.4	4.8	4.4	14.2	14.9	29.4	106.4	M	Hypertensive disease	401-405/I10-I15
-	0.6	-	0.7	0.8	5.1	4.5	23.2	36.6	180.0	F		
6.3	23.1	45.5	74.3	119.3	167.0	267.3	420.0	793.6	2447.9	M	Ischaemic heart	410-414/I20-I25
0.6	6.2	10.7	14.2	23.4	56.9	101.4	194.9	483.3	1986.2	F	disease	
-	-	-	-	0.8	-	1.2	3.0	6.3	25.3	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.6	0.6	-	1.4	2.3	1.7	3.4	5.5	5.5	10.8	F	and other venous	
2.1	6.8	8.2	12.8	26.6	34.3	63.9	125.1	310.7	903.2	M	Cerebrovascular	430-438/I60-I69
5.0	6.2	9.5	17.6	12.5	22.1	59.7	100.9	261.8	1236.2	F	disease	
9.1	10.9	10.1	14.9	25.8	36.0	73.3	111.7	205.7	739.4	M	Other vascular	Rest of 390-459/ rest of I00-I99
1.3	4.3	8.3	6.1	11.7	24.6	31.6	50.4	159.3	769.5	F	disease	
0.7	2.0	4.4	12.0	16.1	29.9	86.3	163.8	312.8	744.5	M	Chronic obstructive	490-496/ J40-J47, J67
1.3	3.7	5.4	10.8	23.4	38.2	63.1	130.8	216.0	448.3	F	pulmonary disease	
3.5	1.4	1.9	6.4	5.6	11.4	18.9	34.2	67.2	432.2	M	Other respiratory	Rest of 460-519/ rest of J00-J98
-	0.6	1.8	4.1	4.7	3.4	10.1	24.5	51.2	362.1	F	disease	
-	-	-	-	2.4	5.3	3.5	1.5	14.7	27.0	M	Peptic ulcer	531-533/K25-K27
-	-	-	0.7	0.8	0.8	-	2.7	7.3	25.9	F		
1.4	2.7	4.4	8.5	4.0	9.7	15.4	10.4	23.1	15.2	M	Liver cirrhosis	571/K70, K74
0.6	1.2	0.6	1.4	3.1	5.1	5.6	6.8	1.8	5.4	F		
-	-	1.3	-	1.6	1.8	4.7	10.4	42.0	167.1	M	Renal disease	580-590/N00-N19
0.6	-	-	1.4	2.3	0.8	3.4	5.5	14.6	120.7	F		
1.3	1.2	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34,000-099
2.8	2.7	5.1	3.5	7.2	1.8	5.9	1.5	8.4	5.1	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.6	0.6	0.6	1.4	2.3	3.4	5.6	2.7	-	5.4	F	perinatal causes	
-	-	-	-	3.2	0.9	2.4	-	8.4	30.4	M	Ill-defined causes	780-799/R00-R99
-	-	0.6	1.4	-	-	2.2	1.4	7.3	47.4	F		
8.4	14.2	19.6	26.2	41.1	47.5	110.0	189.1	489.2	1394.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
7.6	11.7	17.3	23.0	31.2	47.5	95.8	132.2	325.8	1619.8	F		
65.6	53.6	60.7	57.4	60.4	50.1	46.1	62.5	109.2	341.0	M	ALL NON-	E800-E999/V01-Y89
15.1	16.0	22.1	24.4	19.5	23.8	29.3	49.1	62.2	314.7	F	MEDICAL CAUSES	
16.8	12.2	13.9	14.9	11.3	12.3	11.8	16.4	14.7	27.0	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
3.1	3.1	4.2	4.1	3.9	5.1	11.3	12.3	5.5	16.2	F	accidents	
0.7	0.7	-	0.7	1.6	0.9	-	-	4.2	3.4	M	Fire	E890-E899/X00-X09
-	1.9	-	-	-	-	-	-	1.8	1.1	F		
28.6	27.1	27.2	21.9	20.1	16.7	11.8	19.4	12.6	23.6	M	Suicide	E950-E959/X60-X84
8.2	6.2	9.5	8.1	6.2	5.9	4.5	1.4	7.3	5.4	F		
143.2	147.4	158.1	141.2	124.1	113.8	84.6	67.1	47.6	59.2	M	POPULATION	
158.6	162.2	167.6	147.7	128.2	117.8	88.8	73.4	54.6	92.8	F	(1000s; UN, 2015 revision)	

## NEW ZEALAND: 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	– / 0.8	– / 0.5	–
35–69	0.8 / 4.3	0.7 / 3.1	23 years
70+	1.8 / 9.6	2.1 / 11	7 years
All ages	2.6 / 15	2.8 / 15	12 years

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

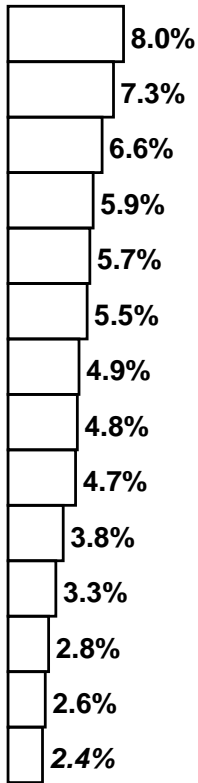
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0	293/358	452/532	745/890	–/0	267/342	335/403	602/745
All Cancer	–/49	409/1641 (25%)	683/2773 (25%)	1092/4463	–/54	322/1626 (20%)	458/2359 (19%)	780/4039
Vascular	–/39	260/1230	474/3703	734/4972	–/23	183/539	820/4870	1003/5432
Respiratory	–/17	98/206	479/1040	577/1263	–/13	135/213	573/1091	708/1317
All Other	–/681	69/1175	120/2047	189/3903	–/363	90/667	242/2906	332/3936
All Causes	–/794	836/4263 (20%)	1756/9566 (18%)	2592/14623	–/463	730/3052 (24%)	2093/11229 (19%)	2823/14744

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

Cause	Male	Female	Male + Female
All Cancer	1.1 / 4.5 (24%)	0.8 / 4.0 (19%)	1.9 / 8.5 (22%)
All Causes	2.6 / 15 (18%)	2.8 / 15 (19%)	5.4 / 29 (18%)

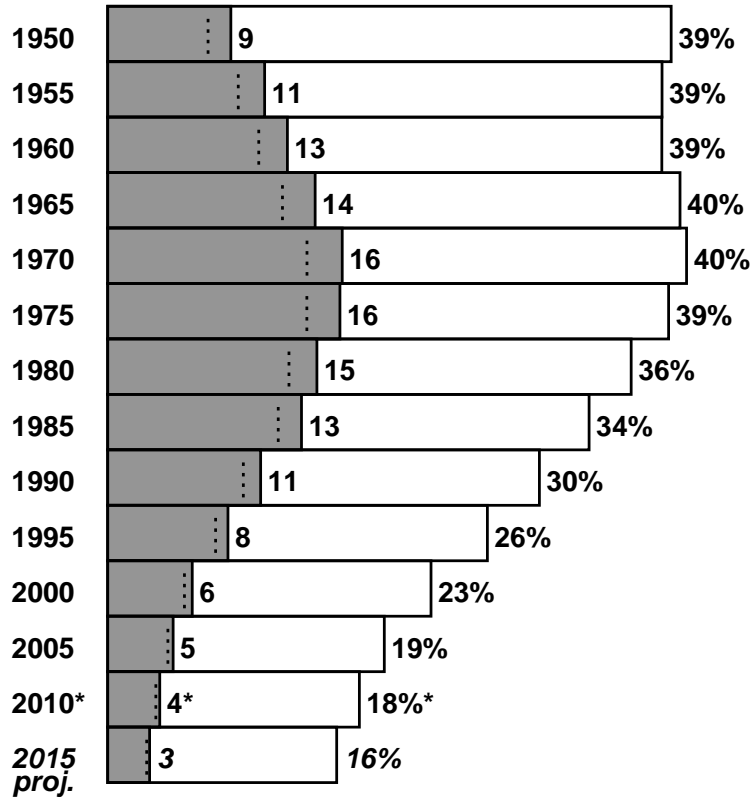
1950-2015: NEW ZEALAND

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)

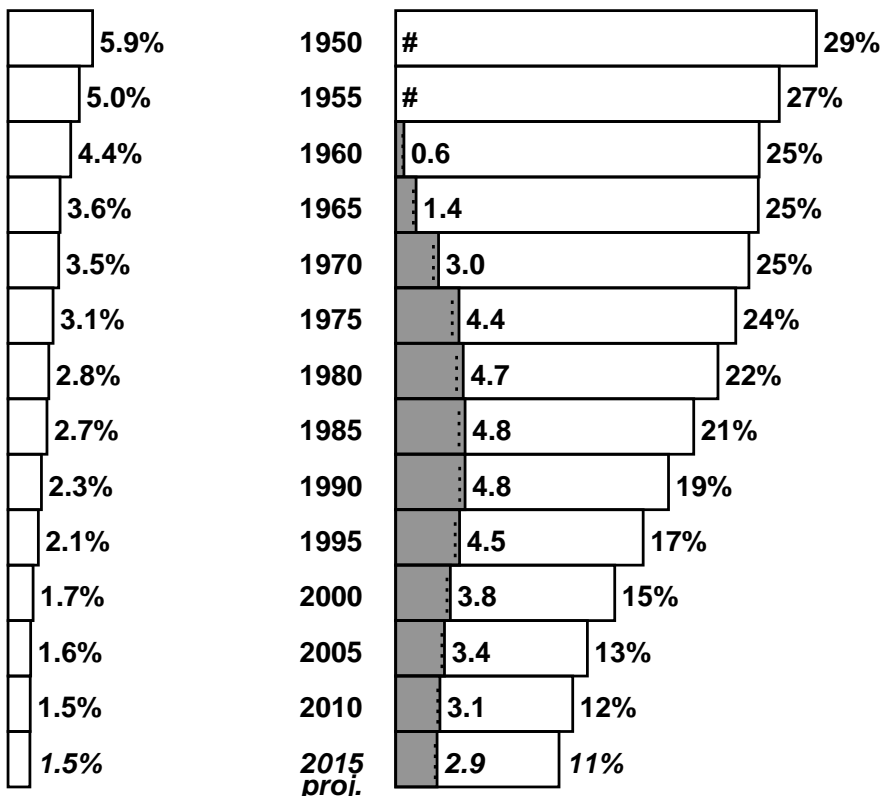
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 4 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



# Real risk too low to estimate reliably

<b>NEW ZEALAND: 1950-2015</b>
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*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	– / 0.7	– / 0.5	–
35–69	0.8 / 4.4	0.8 / 3.3	<b>23 years</b>
70+	1.7 / 10	2.5 / 12	7 years
All ages	2.5 / 15	3.3 / 15	12 years

**Numbers of deaths attributed to smoking / total deaths**

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
1955	–/1591	1161/4048 (29%)	559/5166 (11%)	1720/10805	–/1056	23/2782	0/4760	23/8598
1965	–/1515	1854/5091 (36%)	1202/6121 (20%)	3056/12727	–/918	173/3088 (6%)	31/6274	204/10280
1975	–/1574	2429/5892 (41%)	1795/6480 (28%)	4224/13946	–/867	646/3464 (19%)	415/7139 (6%)	1061/11470
1985	–/1351	2123/5340 (40%)	2174/7567 (29%)	4297/14258	–/719	745/3266 (23%)	946/8428 (11%)	1691/12413
1995	–/1120	1444/4750 (30%)	2086/8468 (25%)	3530/14338	–/608	741/3021 (25%)	1397/9682 (14%)	2138/13311
2005	–/820	939/4186 (22%)	1810/9016 (20%)	2749/14022	–/456	699/2933 (24%)	1780/10755 (17%)	2479/14144
2015 proj.	–/736	785/4421 (18%)	1738/10197 (17%)	2523/15354	–/459	814/3259 (25%)	2477/11701 (21%)	3291/15419

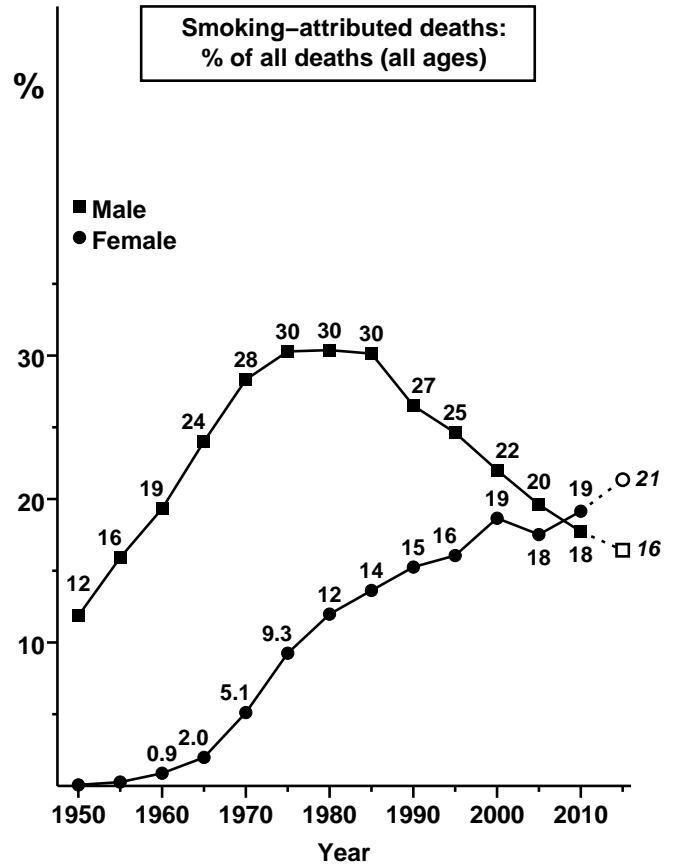
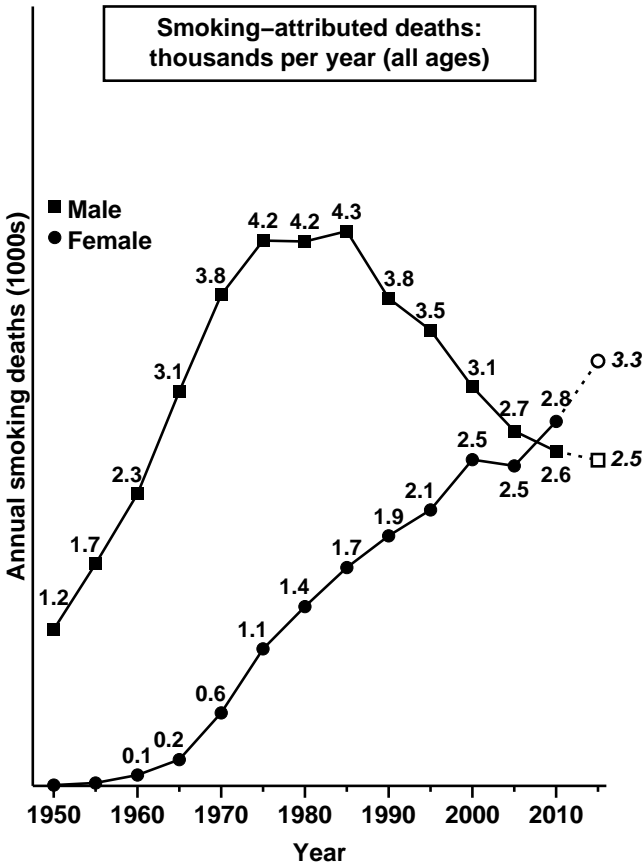
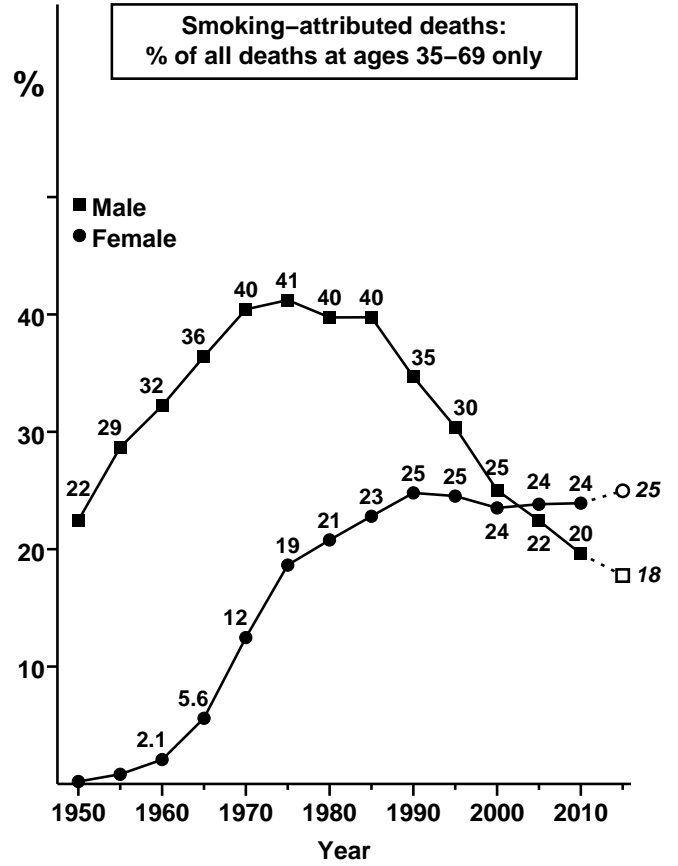
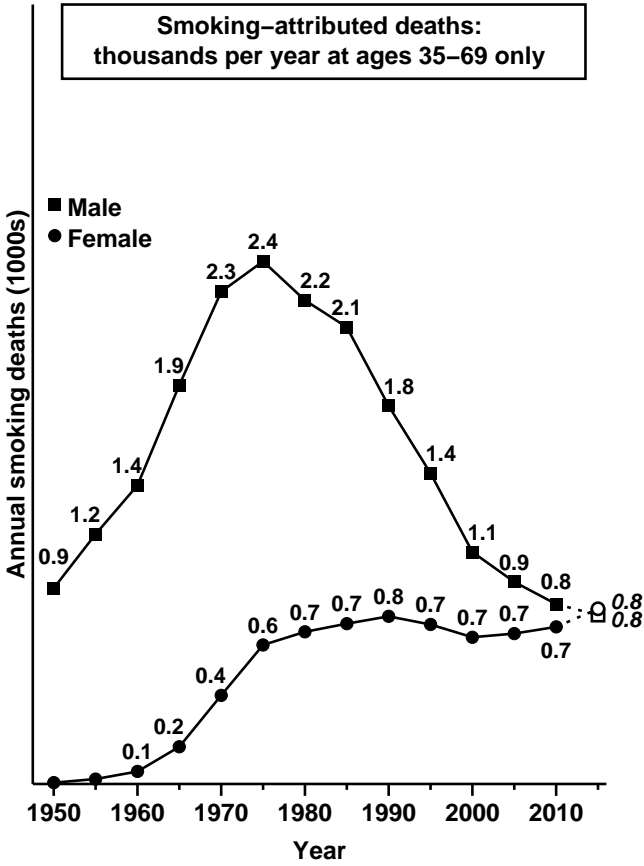
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 312 / 1617**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

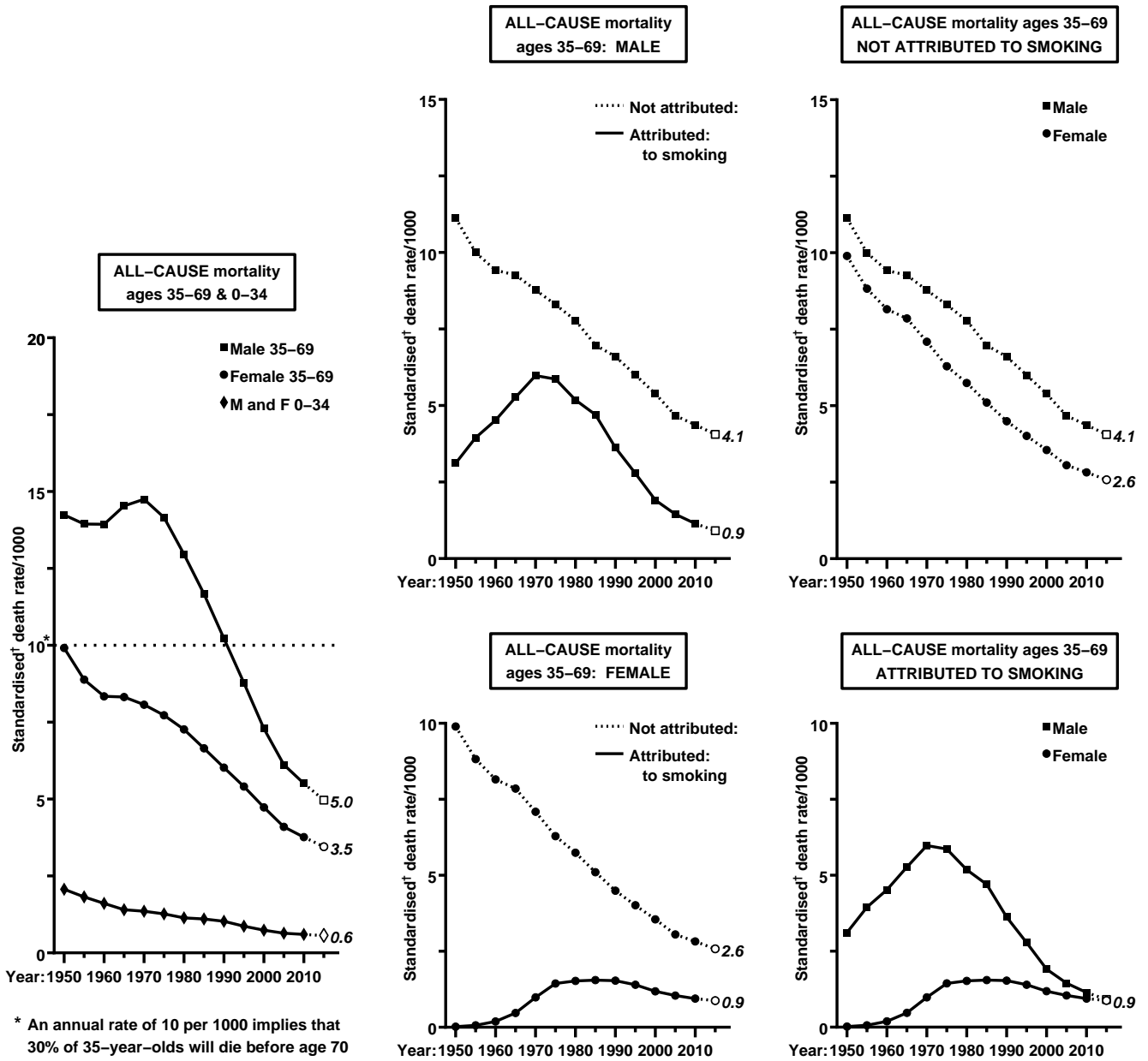
–/71	96/297 (32%)	108/478 (23%)	204/846	–/40	38/190 (20%)	70/540 (13%)	109/770
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1950-2015: NEW ZEALAND



**NEW ZEALAND: 1950-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

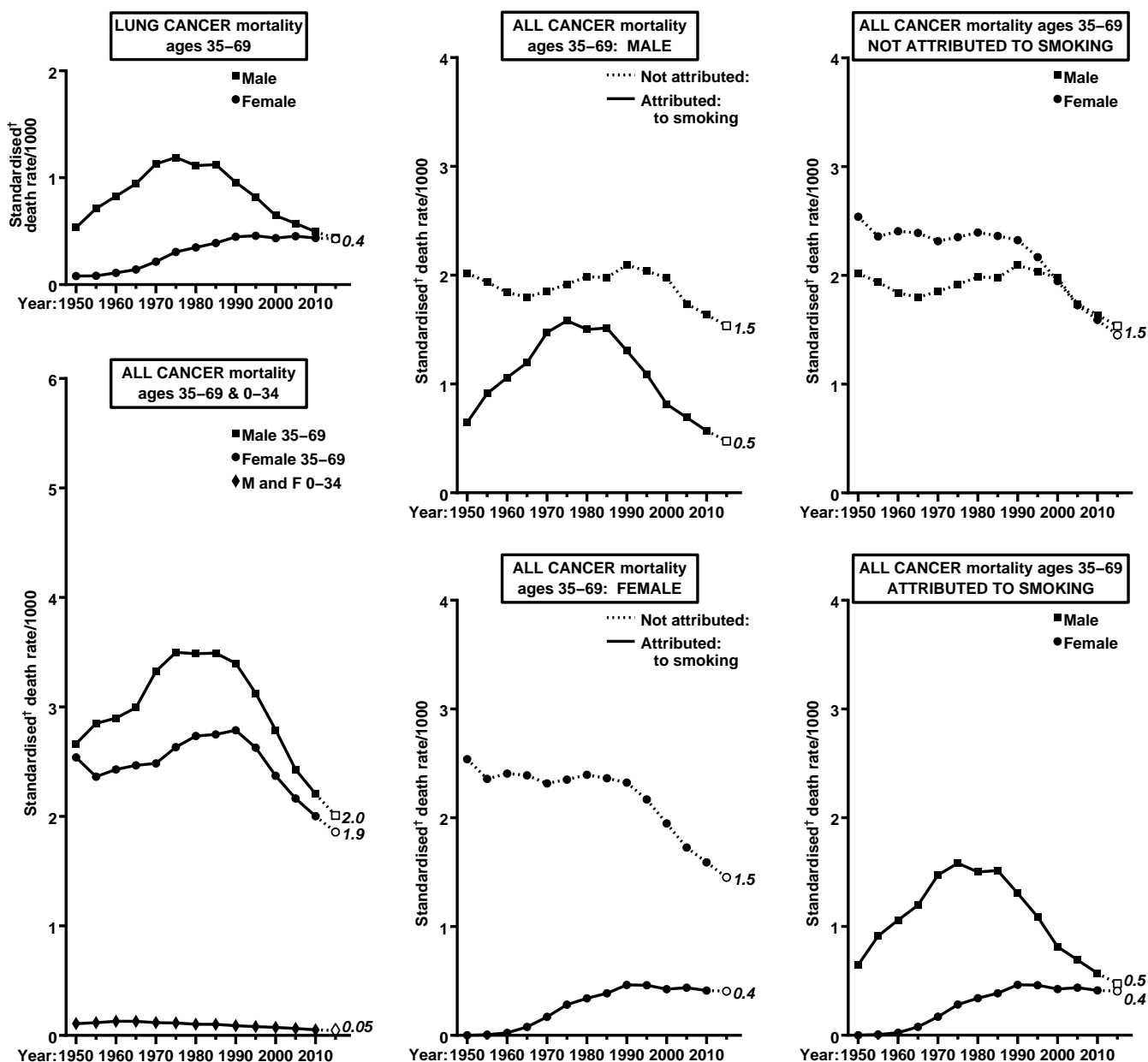
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.40	3.11	11.1	5.43	69.2	-	1.73	0.02	9.89	0.00	58.1				
1955	-	2.18	3.95	9.99	9.14	65.9	-	1.45	0.06	8.82	0.00	53.6				
1960	-	1.94	4.52	9.42	13.0	64.5	-	1.28	0.19	8.15	0.41	52.0				
1965	-	1.75	5.27	9.26	18.7	67.3	-	1.05	0.47	7.85	0.46	49.3				
1970	-	1.68	5.98	8.77	21.2	59.1	-	1.03	0.98	7.09	1.50	46.5				
1975	-	1.62	5.86	8.29	22.8	53.1	-	0.91	1.44	6.29	3.14	41.3				
1980	-	1.45	5.18	7.78	21.8	49.6	-	0.82	1.52	5.74	4.71	35.8				
1985	-	1.41	4.70	6.97	20.7	46.9	-	0.79	1.55	5.10	5.57	33.5				
1990	-	1.38	3.62	6.60	16.7	43.3	-	0.67	1.53	4.49	5.88	28.6				
1995	-	1.12	2.78	6.00	14.2	38.6	-	0.61	1.40	4.01	5.90	25.0				
2000	-	0.97	1.91	5.38	11.4	33.6	-	0.50	1.18	3.55	6.23	20.7				
2005	-	0.82	1.45	4.67	8.59	28.9	-	0.45	1.04	3.05	5.29	18.9				
2010	-	0.75	1.14	4.37	6.93	26.1	-	0.45	0.94	2.82	5.27	16.6				
2015	-	0.69	0.91	4.06	5.61	23.6	-	0.44	0.87	2.58	5.29	14.5				

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

1950-2015: NEW ZEALAND

ALL CANCER mortality rates attributed and not attributed to smoking



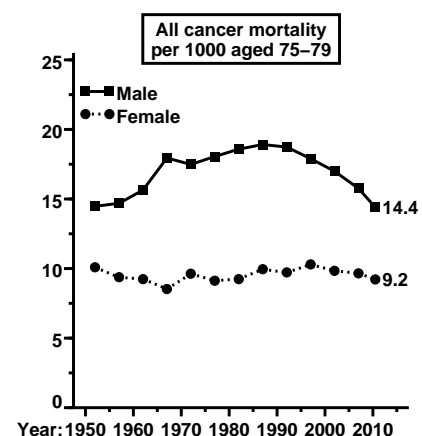
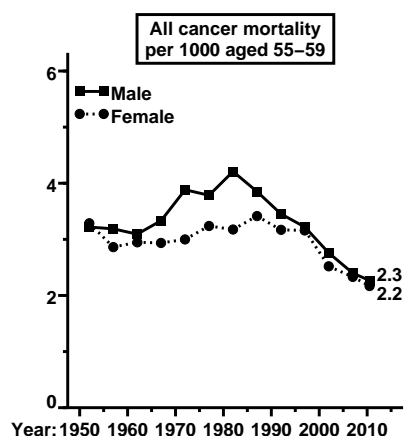
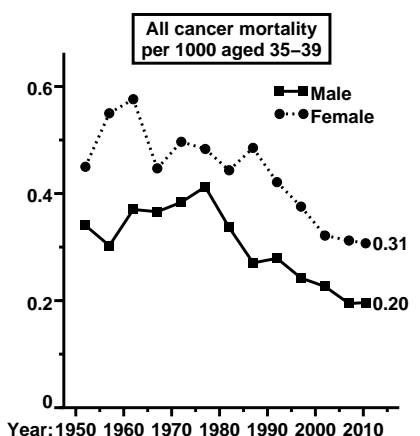
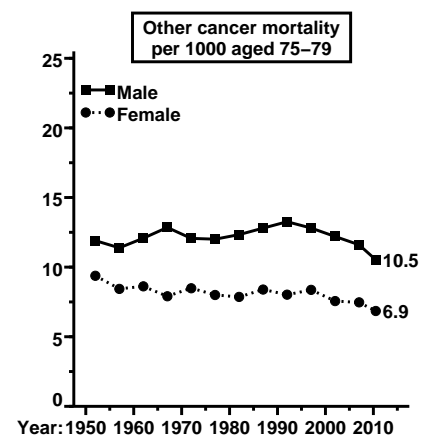
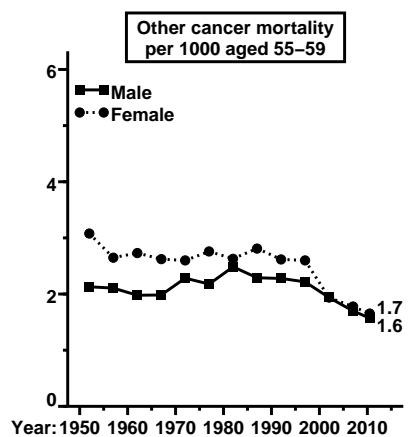
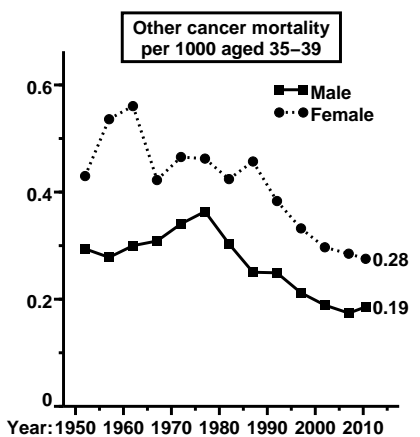
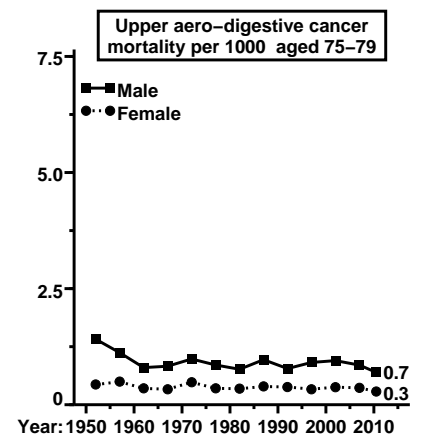
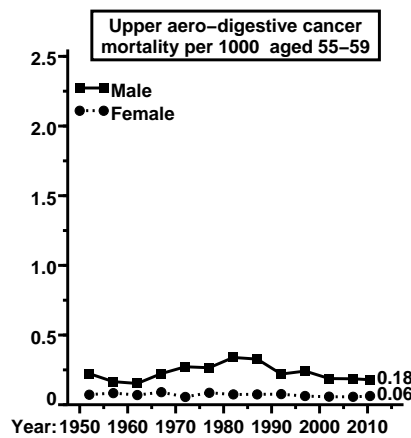
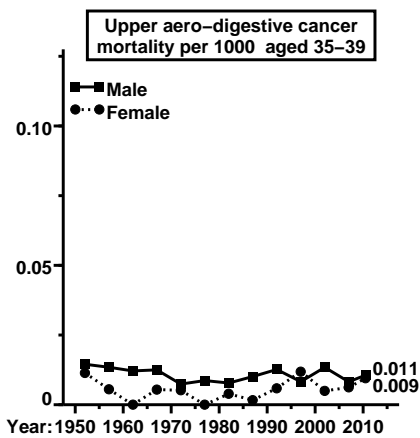
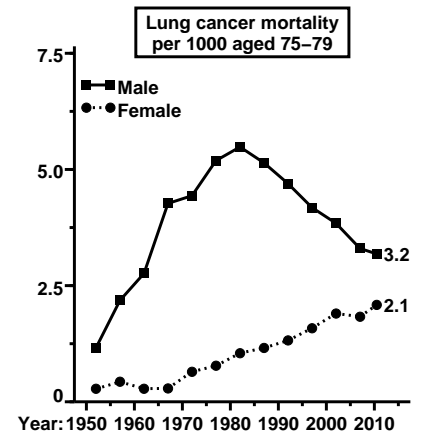
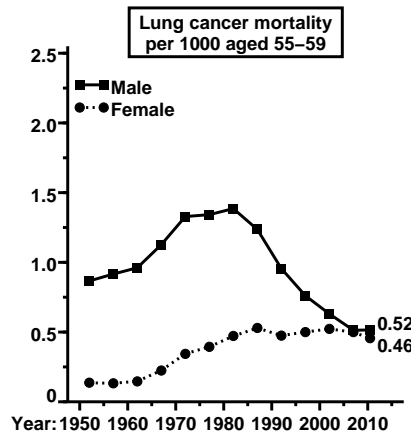
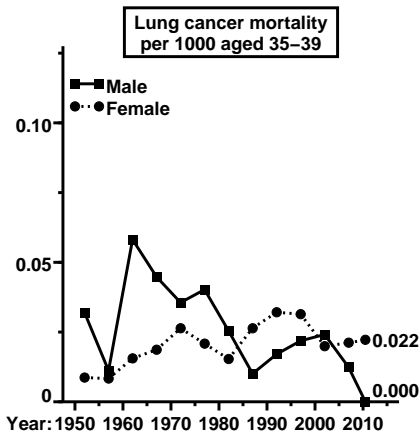
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	-	0.11	0.65	2.02	1.37	11.4	-	0.11	0.00	2.54	0.00	8.95	-	0.11	0.01	2.36	0.00	8.35
1955	-	0.12	0.91	1.94	2.20	10.3	-	0.11	0.01	2.36	0.00	8.35	-	0.12	0.02	2.41	0.05	7.88
1960	-	0.14	1.06	1.84	3.01	10.2	-	0.12	0.02	2.41	0.05	7.88	-	0.12	0.08	2.39	0.07	7.48
1965	-	0.14	1.20	1.80	4.18	10.1	-	0.12	0.08	2.39	0.07	7.48	-	0.10	0.17	2.31	0.24	7.71
1970	-	0.13	1.47	1.85	5.42	9.93	-	0.10	0.28	2.35	0.54	7.94	-	0.10	0.34	2.39	0.90	7.58
1975	-	0.12	1.58	1.92	6.18	9.70	-	0.10	0.34	2.39	0.90	7.58	-	0.10	0.39	2.36	1.15	7.73
1980	-	0.11	1.50	1.99	6.25	9.61	-	0.09	0.46	2.32	1.37	7.51	-	0.08	0.46	2.32	1.37	7.51
1985	-	0.10	1.51	1.98	6.38	10.1	-	0.10	0.46	2.17	1.52	7.48	-	0.08	0.42	1.95	1.88	7.00
1990	-	0.10	1.30	2.09	5.59	10.2	-	0.08	0.44	1.73	1.70	6.89	-	0.07	0.41	1.59	1.91	6.23
1995	-	0.08	1.09	2.04	5.25	10.5	-	0.08	0.41	1.59	2.15	5.56	-	0.07	0.42	1.95	1.88	7.00
2000	-	0.07	0.81	1.97	4.69	10.5	-	0.07	0.44	1.73	1.70	6.89	-	0.06	0.41	1.59	1.91	6.23
2005	-	0.06	0.69	1.74	3.88	9.79	-	0.06	0.41	1.59	1.91	6.23	-	0.05	0.41	1.59	1.91	6.23
2010	-	0.05	0.57	1.64	3.37	9.27	-	0.05	0.41	1.59	1.91	6.23	-	0.05	0.41	1.59	1.91	6.23
2015	-	0.04	0.47	1.53	2.93	8.79	-	0.05	0.40	1.45	2.15	5.56	-	0.05	0.40	1.45	2.15	5.56

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

**NEW ZEALAND: 1950-2011**

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

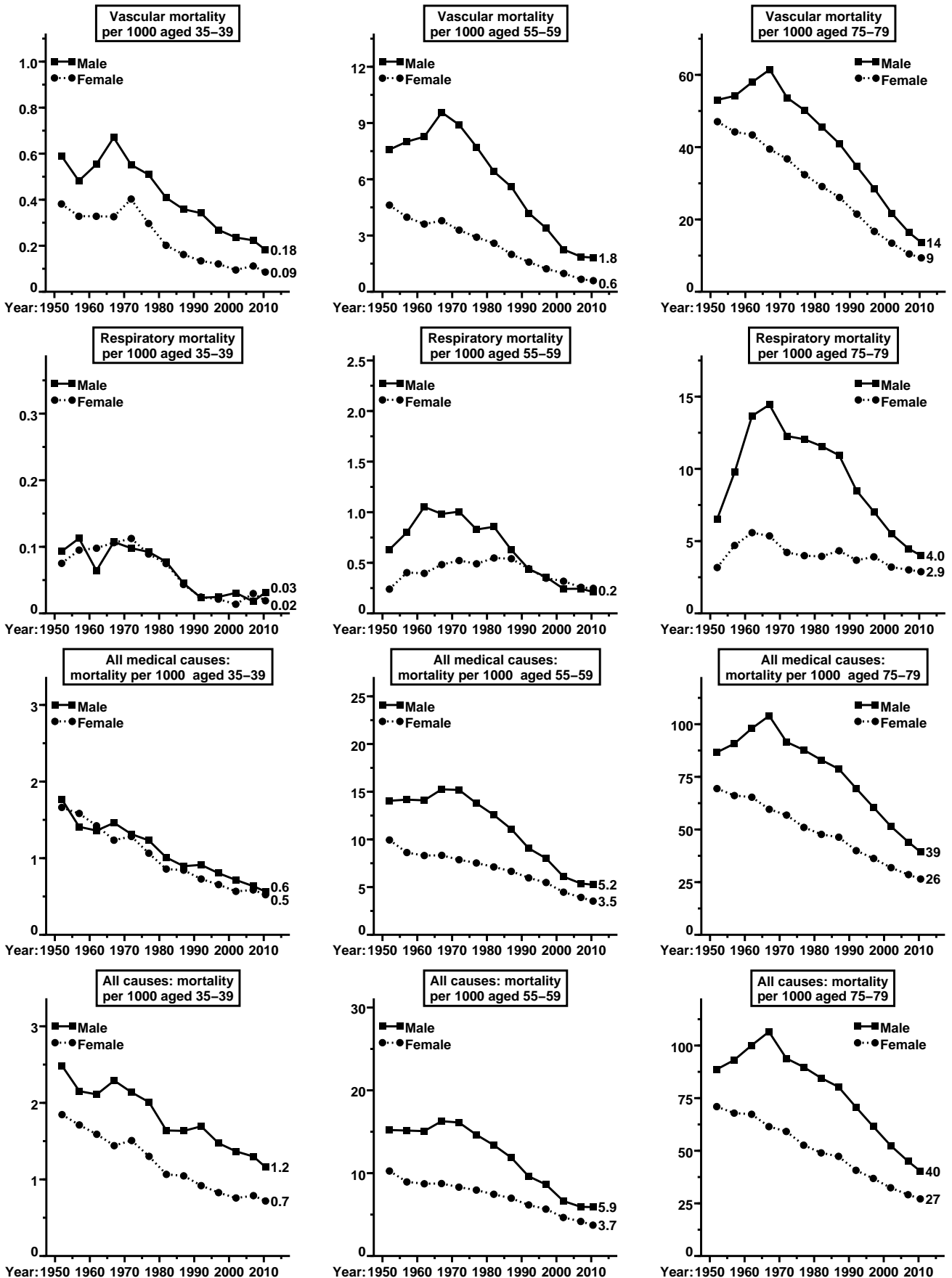


\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11



1950-2011: NEW ZEALAND

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

<b>NORWAY: 2010</b>
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		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	19976	601	5292	633.5	53.8	551.3	64.9	9.2	14.2	36.0	80.5	91.5	79.8
	F	21466	313	3325	444.6	29.3	349.1	57.6	9.6	5.2	25.6	35.2	34.7	37.1
Tuberculosis	M	10	-	1	0.3	-	0.1	-	-	-	-	-	-	-
	F	17	-	3	0.3	-	0.3	-	-	-	-	-	-	-
Other infective and parasitic	M	390	6	76	11.7	0.6	7.9	1.9	0.7	-	-	1.3	-	-
	F	524	1	56	9.7	0.1	6.2	-	-	-	-	0.7	-	-
ALL CANCER	M	5815	51	1988	190.9	4.5	215.4	2.5	3.3	2.5	3.0	3.8	6.4	10.4
	F	5110	50	1794	136.8	4.6	188.9	2.0	0.7	1.3	6.4	5.2	5.2	11.5
Mouth and pharynx cancer	M	92	-	49	3.3	-	5.4	-	-	-	-	-	-	-
	F	47	1	16	1.3	0.1	1.6	-	-	-	-	-	-	0.6
Oesophagus cancer	M	165	-	81	5.7	-	8.7	-	-	-	-	-	-	-
	F	57	-	21	1.5	-	2.3	-	-	-	-	-	-	-
Stomach cancer	M	199	1	77	6.5	0.1	8.4	-	-	-	-	-	-	0.6
	F	146	-	43	3.6	-	4.3	-	-	-	-	-	-	-
Colorectal cancer	M	773	4	248	25.2	0.3	27.4	-	-	-	-	-	0.6	1.8
	F	816	1	195	19.4	0.1	21.1	-	-	-	-	-	-	0.6
Liver cancer	M	79	2	35	2.7	0.2	3.6	0.6	-	-	-	-	0.6	-
	F	38	1	11	0.9	0.1	1.2	-	-	-	-	-	-	0.6
Pancreas cancer	M	313	1	135	10.6	0.1	14.9	0.6	-	-	-	-	-	-
	F	317	1	107	8.6	0.1	11.3	-	-	-	-	-	-	0.6
Larynx cancer	M	25	-	13	0.8	-	1.5	-	-	-	-	-	-	-
	F	7	-	2	0.1	-	0.2	-	-	-	-	-	-	-
Lung cancer	M	1242	2	540	42.4	0.2	58.7	-	-	-	-	-	0.6	0.6
	F	925	3	414	27.3	0.3	44.0	-	-	-	0.6	-	-	1.3
Malignant melanoma	M	198	2	92	6.7	0.2	9.6	-	-	0.6	-	-	-	0.6
	F	140	5	72	4.3	0.5	7.4	-	-	-	-	-	0.7	2.6
Female breast cancer	F	673	4	298	19.2	0.4	30.6	-	-	-	-	-	-	2.6
Cervix cancer	F	78	-	43	2.4	-	4.3	-	-	-	-	-	-	-
Other uterine cancer	F	120	1	36	3.0	0.1	3.9	-	-	-	-	-	0.7	-
Ovarian cancer	F	323	1	157	9.6	0.1	16.5	-	-	-	-	-	0.7	-
Prostate cancer	M	1043	-	126	30.9	-	14.7	-	-	-	-	-	-	-
Bladder cancer	M	224	1	45	6.9	0.1	5.1	-	-	-	-	-	-	0.6
	F	110	-	21	2.5	-	2.2	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	977	25	375	32.8	2.2	39.0	0.6	2.6	1.2	-	3.1	3.8	4.3
	F	923	24	255	23.1	2.2	27.0	2.0	0.7	1.3	3.8	3.3	2.0	2.6
Hodgkin's disease	M	8	-	5	0.3	-	0.6	-	-	-	-	-	-	-
	F	7	2	1	0.2	0.2	0.1	-	-	-	-	0.7	0.7	-
Myeloma and non-Hodgkin lymphomas	M	311	5	115	10.5	0.4	12.2	-	-	-	1.8	0.6	-	0.6
	F	252	2	64	6.2	0.2	6.8	-	-	-	-	0.7	0.7	-
Leukaemia	M	166	8	52	5.6	0.7	5.5	0.6	0.7	0.6	1.2	-	0.6	1.2
	F	131	4	38	3.4	0.4	3.9	-	-	-	1.9	0.7	-	-
Diabetes	M	352	3	107	11.2	0.3	11.1	-	-	-	-	-	1.3	0.6
	F	350	1	30	6.4	0.1	3.2	-	-	-	-	-	-	0.6
ALL VASCULAR DISEASE	M	6105	19	1248	185.4	1.7	130.1	1.9	-	-	1.8	0.6	1.3	6.1
	F	7023	13	440	122.2	1.2	47.5	0.7	0.7	1.3	0.6	2.0	1.3	1.9
Rheumatic heart disease and fever	M	5	-	2	0.2	-	0.2	-	-	-	-	-	-	-
	F	8	1	2	0.2	0.1	0.2	-	-	-	-	-	0.7	-
Hypertensive disease	M	182	-	46	5.7	-	4.7	-	-	-	-	-	-	-
	F	288	-	16	5.0	-	1.8	-	-	-	-	-	-	-
Ischaemic heart disease	M	2782	3	693	86.1	0.3	71.3	-	-	-	-	-	-	1.8
	F	2424	1	176	42.4	0.1	18.9	-	-	-	-	-	-	0.6
Pulmonary embolism and other venous	M	66	1	12	2.0	0.1	1.2	-	-	-	-	-	-	0.6
	F	114	2	20	2.5	0.2	2.1	-	-	-	0.6	-	-	0.6
Cerebrovascular disease	M	1280	4	193	38.2	0.4	20.3	0.6	-	-	0.6	-	0.6	0.6
	F	1900	2	117	33.1	0.2	12.6	-	0.7	-	-	0.7	-	-
Other vascular disease	M	1790	11	302	53.3	1.0	32.5	1.3	-	-	1.2	0.6	0.6	3.1
	F	2289	7	109	38.9	0.7	12.0	0.7	-	1.3	-	1.3	0.7	0.6
Chronic obstructive pulmonary disease	M	1042	-	167	31.7	-	18.9	-	-	-	-	-	-	-
	F	967	1	169	21.8	0.1	18.9	-	-	-	-	0.7	-	-
Other respiratory disease	M	837	5	81	23.9	0.5	8.5	1.3	-	-	-	-	0.6	1.2
	F	1035	-	36	16.5	-	3.9	-	-	-	-	-	-	-
Peptic ulcer	M	87	-	24	2.7	-	2.4	-	-	-	-	-	-	-
	F	114	-	9	2.1	-	1.0	-	-	-	-	-	-	-
Liver cirrhosis	M	131	-	93	4.8	-	9.1	-	-	-	-	-	-	-
	F	74	-	44	2.4	-	4.5	-	-	-	-	-	-	-
Renal disease	M	280	-	28	8.0	-	3.1	-	-	-	-	-	-	-
	F	307	1	17	5.4	0.1	1.8	0.7	-	-	-	-	-	-
Pregnancy, birth	F	3	1	2	0.1	0.1	0.2	-	-	-	-	-	-	0.6
Congenital and perinatal causes	M	111	84	23	5.2	7.6	2.1	44.5	0.7	3.1	1.2	1.3	1.9	0.6
	F	98	69	24	4.7	6.6	2.3	41.5	2.1	-	0.6	0.7	0.7	0.6
Ill-defined causes	M	992	47	346	32.4	4.2	34.9	7.0	1.3	1.2	1.2	3.8	9.5	5.5
	F	1200	22	125	22.6	2.1	12.9	3.4	0.7	0.7	1.9	5.2	0.7	1.9
Other medical causes	M	2350	48	493	72.0	4.3	51.1	4.5	0.7	4.3	4.2	6.3	5.7	4.3
	F	3591	40	311	66.7	3.8	32.5	7.4	2.7	1.3	4.5	2.0	4.6	3.8
ALL NON-MEDICAL CAUSES	M	1474	338	617	53.3	30.1	56.4	1.3	2.6	3.1	24.6	63.5	64.8	51.0
	F	1053	114	265	26.8	10.6	25.2	2.0	2.7	0.7	11.5	18.9	22.2	16.0
Road traffic accidents	M	155	59	65	6.0	5.2	6.0	0.6	-	0.6	7.2	13.8	9.5	4.9
	F	52	16	23	1.9	1.5	2.1	-	-	-	3.8	3.9	2.6	-
Fire	M	32	3	15	1.1	0.3	1.4	-	-	0.6	-	-	-	1.2
	F	24	-	6	0.6	-	0.6	-	-	-	-	-	-	-
Suicide	M	383	122	207	15.1	10.9	18.5	-	-	0.6	11.4	25.2	23.5	15.3
	F	164	37	112	6.5	3.4	10.4	-	-	-	2.6	5.9	7.2	8.3
POPULATION: (1000s; UN, 2015 revision)			M=male		2444.4	1116.7	1115.2	157.2	152.2	161.8	166.4	158.9	157.3	162.8
			F=female		2446.8	1067.6	1076.9	149.2	145.9	153.4	156.4	153.4	152.8	156.5

## 2010: NORWAY

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			
84.7	130.7	213.1	348.8	576.0	951.3	1554.2	2468.5	4520.6	12164.6	M	ALL CAUSES	001-999/A00-Y89
49.2	83.3	136.1	248.9	374.9	605.1	946.5	1538.0	2734.4	10102.3	F		
-	-	-	-	-	-	0.9	-	-	11.4	M	Tuberculosis	010-018, 137/
-	-	-	-	0.7	0.7	0.9	2.4	-	8.4	F		A15-A19, B90
1.6	2.6	2.9	5.5	12.0	6.8	24.0	27.8	73.8	309.7	M	Other infective	Rest of 001-139,279.5&.6/
-	1.1	-	3.8	8.2	8.3	21.6	22.3	63.9	279.2	F	and parasitic	rest of A00-B99 excl A33,A34
9.8	21.2	48.8	106.7	207.9	391.8	721.7	972.9	1589.9	2684.2	M	ALL CANCER	140-208/C00-C97
21.8	32.4	71.1	121.9	232.2	338.2	504.7	652.8	907.4	1422.6	F		
-	1.1	0.6	1.8	7.3	6.8	20.3	19.9	25.8	16.5	M	Mouth and	140-149/C00-C14
-	-	1.2	2.5	3.4	0.7	3.6	5.9	4.1	15.3	F	pharynx cancer	
-	-	1.7	6.7	10.6	14.9	26.8	29.1	32.6	54.6	M	Oesophagus cancer	150/C15
-	-	-	0.6	2.0	5.5	8.1	7.0	12.2	14.6	F		
1.6	0.5	1.7	4.9	7.3	12.2	30.5	29.1	37.8	97.7	M	Stomach cancer	151/C16
1.1	0.6	3.0	4.5	6.2	7.6	7.2	16.4	21.8	50.8	F		
2.2	2.1	4.0	11.0	22.6	47.5	102.6	123.1	247.2	360.4	M	Colorectal cancer	153, 154/C18-C21
1.1	1.1	9.1	9.6	26.6	33.2	66.6	102.1	153.7	292.5	F		
-	1.6	2.9	1.8	4.7	4.1	10.2	13.2	18.9	26.6	M	Liver cancer	155.0/C22 excl C221
-	-	1.2	-	0.7	2.8	3.6	2.4	2.7	15.3	F		
0.6	1.6	2.9	6.1	13.9	24.4	54.5	58.2	68.7	118.0	M	Pancreas cancer	157/C25
-	2.8	-	8.3	13.7	26.3	27.9	47.0	73.5	80.1	F		
-	-	-	-	2.0	2.0	6.5	4.0	5.2	7.6	M	Larynx cancer	161/C32
-	-	-	-	0.7	0.7	-	-	-	3.5	F		
-	2.1	9.2	26.4	59.8	121.5	192.2	254.1	352.0	384.6	M	Lung cancer	162/C33, C34
1.7	2.8	12.8	24.9	52.6	94.7	118.8	139.7	205.4	165.7	F		
0.6	1.1	4.0	7.4	9.3	18.3	26.8	26.5	51.5	68.5	M	Malignant melanoma	172/C43
2.9	2.2	4.9	5.7	6.8	11.1	18.0	15.3	16.3	26.5	F		
7.4	7.3	17.0	28.1	37.6	44.3	72.9	81.0	85.7	166.4	F	Female breast cancer	174/C50
2.9	2.8	1.2	3.8	5.5	4.2	9.9	7.0	15.0	12.5	F	Cervix cancer	180/C53
-	0.6	0.6	1.9	6.2	5.5	12.6	15.3	17.7	39.7	F	Other uterine cancer	179, 182/C54, C55
0.6	2.8	4.2	12.8	25.9	26.3	43.2	47.0	40.8	66.2	F	Ovarian cancer	183/C56, C570-C574
-	0.5	1.1	1.8	10.6	19.7	69.3	137.7	293.6	814.8	M	Prostate cancer	185/C61
-	-	1.1	4.3	2.0	6.1	22.2	35.7	54.9	151.0	M	Bladder cancer	188/C67
-	-	1.8	1.9	2.0	2.8	7.2	12.9	19.1	44.6	F		
3.3	9.0	13.8	23.9	35.9	83.5	103.5	165.4	242.1	394.7	M	Other and ill-defined	Rest of 140-199/
2.3	5.6	10.9	11.5	32.8	50.5	75.6	105.7	155.1	306.4	F	cancer sites	rest of C00-C80, C97
-	-	-	-	2.0	-	1.9	1.3	-	2.5	M	Hodgkin's disease	201/C81
-	-	-	-	-	-	0.9	-	-	2.8	F		
0.6	0.5	3.5	8.6	13.9	21.7	37.0	42.4	118.5	114.2	M	Myeloma and non-	200, 202-203/
-	2.8	1.2	3.2	6.8	13.8	19.8	32.9	54.4	82.2	F	Hodgkin lymphomas	C82-C90, C96
1.1	1.1	2.3	1.8	6.0	8.8	17.6	33.1	41.2	72.3	M	Leukaemia	204-208/C91-C95
1.7	1.1	1.8	2.5	2.7	8.3	9.0	15.3	29.9	37.6	F		
3.8	2.1	5.2	4.9	10.6	19.0	32.3	42.4	96.2	195.4	M	Diabetes	250/E10-E14
0.6	0.6	1.2	1.9	2.7	5.5	9.9	15.3	50.3	187.3	F		
14.2	30.7	54.6	75.4	136.2	236.3	363.1	721.4	1387.3	4422.9	M	ALL VASCULAR	390-459/I00-I99
2.3	10.6	14.6	27.4	36.9	84.4	156.6	325.2	785.0	3980.2	F	DISEASE	
-	-	-	-	0.7	0.7	-	-	1.7	2.5	M	Rheumatic heart	390-398/I00-I09
-	-	-	-	1.4	-	-	-	1.4	2.8	F	disease and fever	
0.6	0.5	2.9	3.7	3.3	10.9	11.1	33.1	41.2	110.4	M	Hypertensive disease	401-405/I10-I15
-	-	-	1.3	2.0	2.8	6.3	16.4	35.4	161.6	F		
8.2	15.9	33.3	48.4	78.4	134.4	180.2	342.8	619.8	1860.5	M	Ischaemic heart	410-414/I20-I25
0.6	4.5	7.3	11.5	11.6	36.6	60.3	102.1	270.7	1365.5	F	disease	
-	1.1	0.6	0.6	1.3	2.0	2.8	7.9	10.3	52.0	M	Pulmonary embolism	415.1, 451-453/
-	0.6	1.2	1.9	0.7	4.8	5.4	12.9	12.2	50.1	F	and other venous	126, 180-182
2.2	5.3	8.0	12.3	24.6	28.5	61.0	135.0	345.1	989.9	M	Cerebrovascular	430-438/I60-I69
-	3.4	4.2	8.3	10.9	20.1	41.4	85.7	229.9	1071.6	F	disease	
3.3	7.9	9.8	10.4	27.9	59.8	108.1	202.5	369.1	1407.5	M	Other vascular	Rest of 390-459/
1.7	2.2	1.8	4.5	10.2	20.1	43.2	108.0	235.3	1328.6	F	disease	rest of I00-I99
-	1.6	1.1	6.1	12.0	34.6	76.7	161.5	302.2	732.3	M	Chronic obstructive	490-496/
1.1	0.6	1.8	3.8	13.0	40.8	71.1	143.2	193.2	371.1	F	pulmonary disease	J40-J47, J67
2.7	1.1	1.7	6.7	8.6	13.6	24.9	63.5	156.2	776.7	M	Other respiratory	Rest of 460-519/
-	1.7	2.4	1.3	3.4	4.8	13.5	34.0	62.6	643.4	F	disease	rest of J00-J98
-	1.1	0.6	3.7	2.7	3.4	5.5	6.6	18.9	59.6	M	Peptic ulcer	531-533/K25-K27
-	-	0.6	0.6	1.4	1.4	2.7	5.9	15.0	62.0	F		
-	2.1	4.6	9.2	13.9	21.1	12.9	25.1	5.2	20.3	M	Liver cirrhosis	571/K70, K74
-	0.6	3.0	7.7	3.4	6.2	10.8	7.0	16.3	8.4	F		
-	-	-	1.8	4.0	5.4	10.2	22.5	51.5	260.2	M	Renal disease	580-590/N00-N19
0.6	-	1.2	1.3	2.0	2.8	4.5	21.1	28.6	174.1	F		
1.1	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.6	1.1	1.7	1.8	5.3	2.7	1.9	2.6	1.7	1.3	F	Congenital and	740-779/A33,
2.9	2.8	-	1.9	1.4	3.5	3.6	1.2	1.4	2.1	F	perinatal causes	P00-P96, Q00-Q99
6.6	8.5	17.2	32.5	39.9	60.4	79.5	108.5	140.8	552.1	M	Ill-defined causes	780-799/R00-R99
2.3	5.0	2.4	17.9	12.3	18.0	32.4	59.9	102.0	645.5	F		
6.0	5.8	21.3	39.8	58.5	91.7	134.9	231.6	554.6	1663.8	M	Other medical causes	Rest of 001-799/
5.2	9.5	10.3	23.6	29.4	65.7	83.7	209.0	420.4	1917.0	F		rest of A00-R99
39.3	52.9	53.4	54.6	64.4	64.5	65.6	82.1	142.5	474.7	M	ALL NON-	E800-E999/V01-Y89
11.4	18.5	27.3	35.7	28.0	24.9	30.6	38.7	88.4	401.1	F	MEDICAL CAUSES	
5.5	3.7	7.5	4.3	6.0	7.5	7.4	7.9	18.9	17.8	M	Road traffic	E810-E819, E826-E829/
1.1	1.1	3.0	2.5	4.8	1.4	0.9	3.5	4.1	4.9	F	accidents	part of V01-V99, Y850
-	1.1	0.6	1.2	2.0	3.4	1.9	5.3	5.2	8.9	M	Fire	E890-E899/X00-X09
-	0.6	0.6	0.6	1.4	0.7	-	2.4	4.1	9.1	F		
15.3	22.2	19.5	17.2	17.3	20.4	17.6	30.4	25.8	20.3	M	Suicide	E950-E959/X60-X84
6.9	7.3	12.2	14.7	9.6	15.2	7.2	5.9	4.1	4.9	F		
183.0	188.9	174.1	163.1	150.5	147.3	108.2	75.6	58.2	78.8	M	POPULATION	
174.7	178.8	164.6	156.7	146.4	144.6	111.2	85.2	73.5	143.6	F	(1000s; UN, 2015 revision)	

<b>NORWAY: 2010</b>
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**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	– / 0.6	– / 0.3	–
35–69	1.2 / 5.3	0.8 / 3.3	22 years
70+	2.6 / 14	2.9 / 18	7 years
<b>All ages</b>	<b>3.8 / 20</b>	<b>3.7 / 21</b>	<b>11 years</b>

**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	0.4/0.5	0.6/0.7	1.1/1.2	–/0.0	0.3/0.4	0.4/0.5	0.7/0.9
All Cancer	–/0.0	0.6/1.9 (30%)	0.9/3.8 (25%)	1.5/5.7	–/0.0	0.4/1.7 (20%)	0.6/3.2 (18%)	0.9/5.0
Vascular	–/0.0	0.3/1.3	0.7/4.9	1.0/6.2	–/0.0	0.1/0.4	1.1/6.7	1.2/7.2
Respiratory	–/0.0	0.1/0.3	0.7/1.7	0.8/2.0	–/0.0	0.1/0.2	0.8/1.9	0.9/2.1
All Other	–/0.5	0.2/1.8	0.2/3.8	0.4/6.1	–/0.2	0.1/0.9	0.5/6.1	0.6/7.2
<b>All Causes</b>	<b>–/0.6</b>	<b>1.2/5.3 (22%)</b>	<b>2.6/14 (18%)</b>	<b>3.8/20</b>	<b>–/0.3</b>	<b>0.8/3.3 (23%)</b>	<b>2.9/18 (16%)</b>	<b>3.7/21</b>

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

Cause	Male	Female	Male + Female
All Cancer	1.5 / 5.7 (27%)	0.9 / 5.0 (18%)	2.5 / 11 (23%)
All Causes	3.8 / 20 (19%)	3.7 / 21 (17%)	7.4 / 42 (18%)

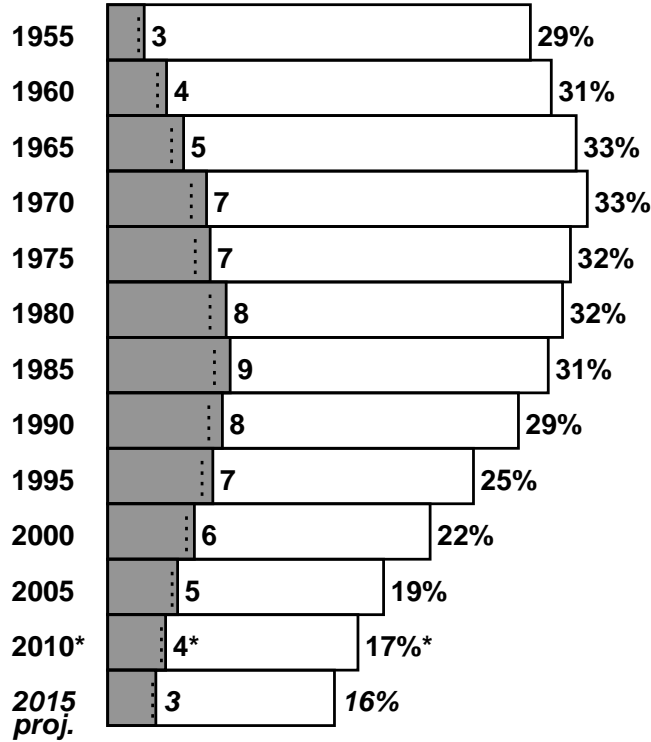
1955-2015: NORWAY

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)

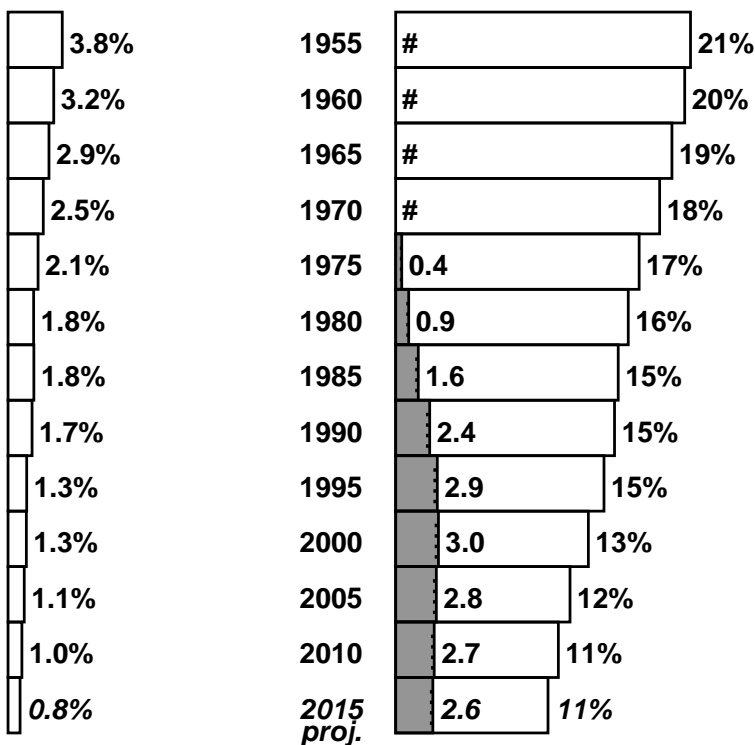
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 17 would die before age 70 (with 4 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



# Real risk too low to estimate reliably

<b>NORWAY: 1950-2015</b>
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**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	– / 0.6	– / 0.3	–
35–69	1.1 / 5.4	0.8 / 3.4	<b>22 years</b>
70+	2.5 / 14	3.2 / 17	7 years
<b>All ages</b>	<b>3.6 / 20</b>	<b>4.0 / 21</b>	<b>11 years</b>

**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	–/1.7	0.5/5.5 <b>(9%)</b>	0.0/7.9 <b>(0.2%)</b>	0.5/15	–/1.1	0.0/3.9	0.0/9.4	0.0/14
1965	–/1.4	1.2/7.4 <b>(16%)</b>	0.4/10 <b>(4%)</b>	1.6/19	–/0.8	0.0/4.3	0.0/11	0.0/17
1975	–/1.2	1.8/7.9 <b>(23%)</b>	1.3/13 <b>(10%)</b>	3.1/22	–/0.6	0.1/4.1 <b>(3%)</b>	0.0/13	0.1/18
1985	–/1.1	2.1/7.6 <b>(28%)</b>	2.2/15 <b>(15%)</b>	4.3/23	–/0.5	0.4/3.7 <b>(10%)</b>	0.5/16 <b>(3%)</b>	0.9/20
1995	–/0.8	1.6/5.8 <b>(28%)</b>	2.7/16 <b>(17%)</b>	4.4/23	–/0.4	0.6/3.3 <b>(19%)</b>	1.4/18 <b>(7%)</b>	2.0/22
2005	–/0.7	1.2/5.0 <b>(24%)</b>	2.7/14 <b>(19%)</b>	3.9/20	–/0.3	0.7/3.1 <b>(22%)</b>	2.6/18 <b>(14%)</b>	3.3/22
2015 <i>proj.</i>	–/0.6	1.1/5.4 <b>(21%)</b>	2.5/14 <b>(18%)</b>	3.6/20	–/0.3	0.8/3.4 <b>(24%)</b>	3.2/17 <b>(19%)</b>	4.0/21

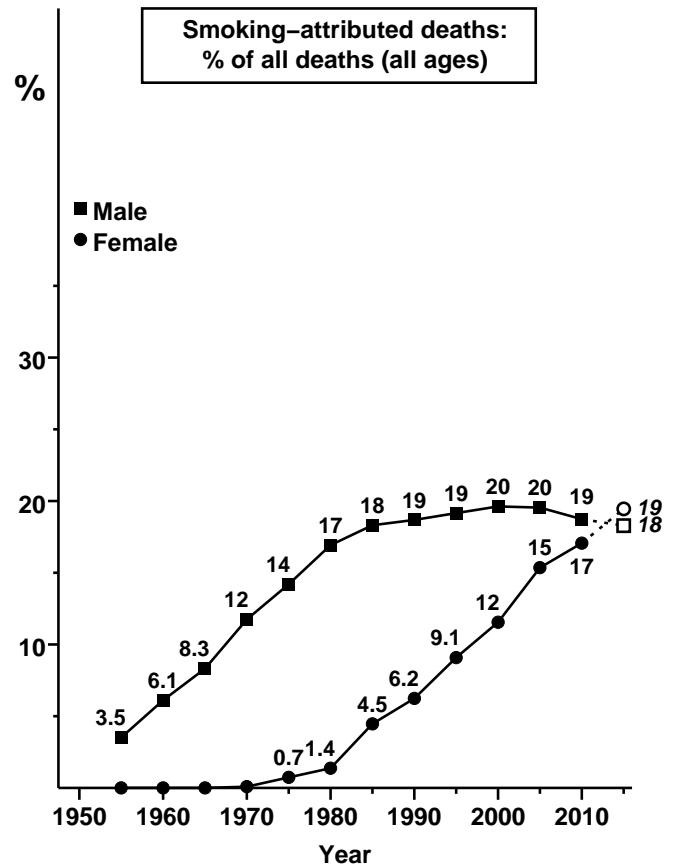
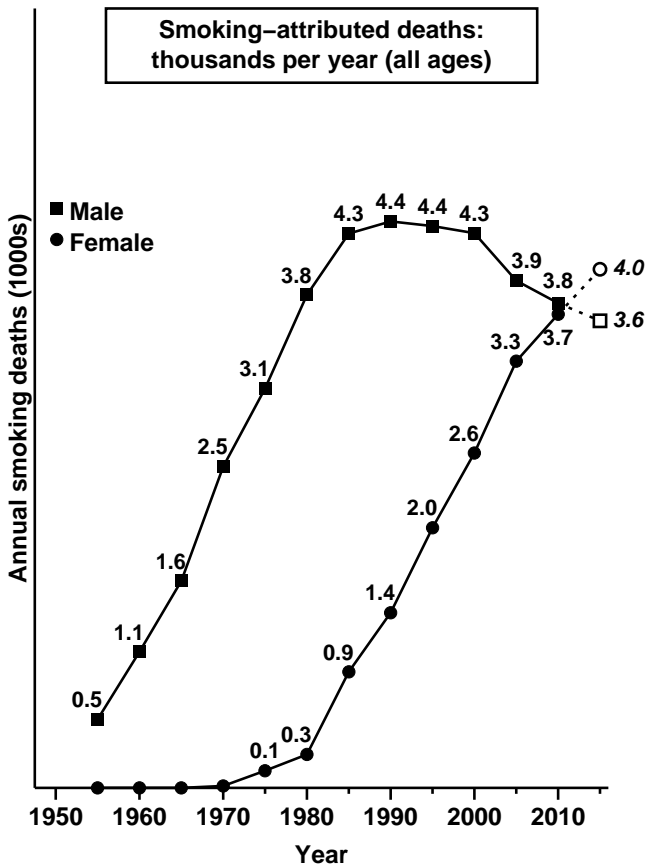
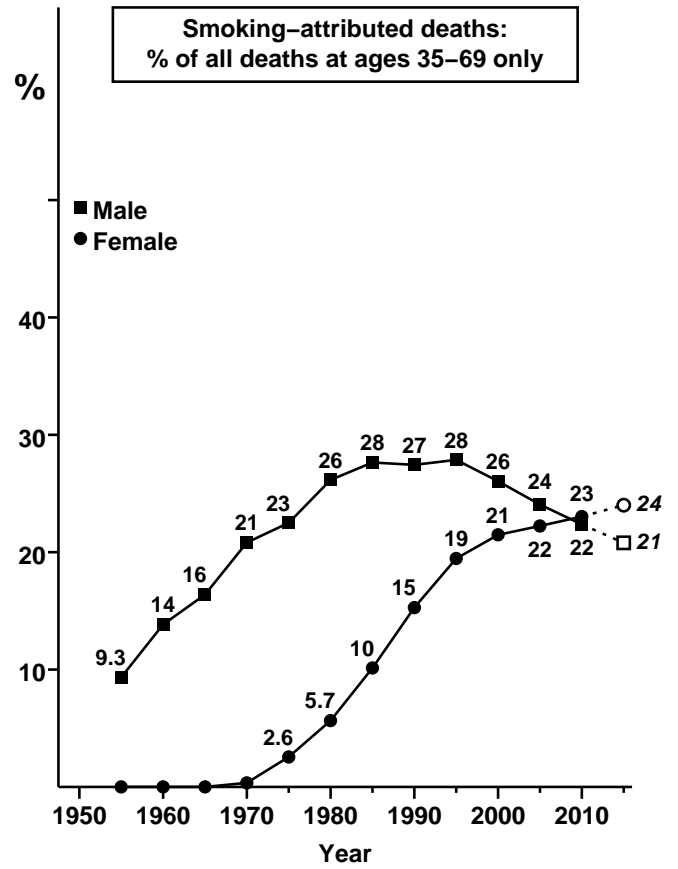
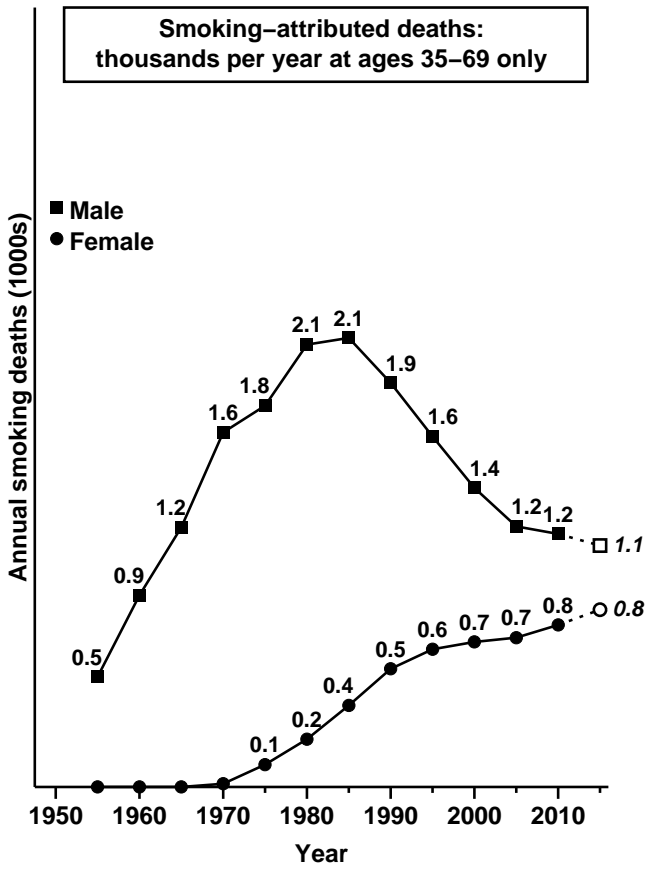
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 313 / 2464**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

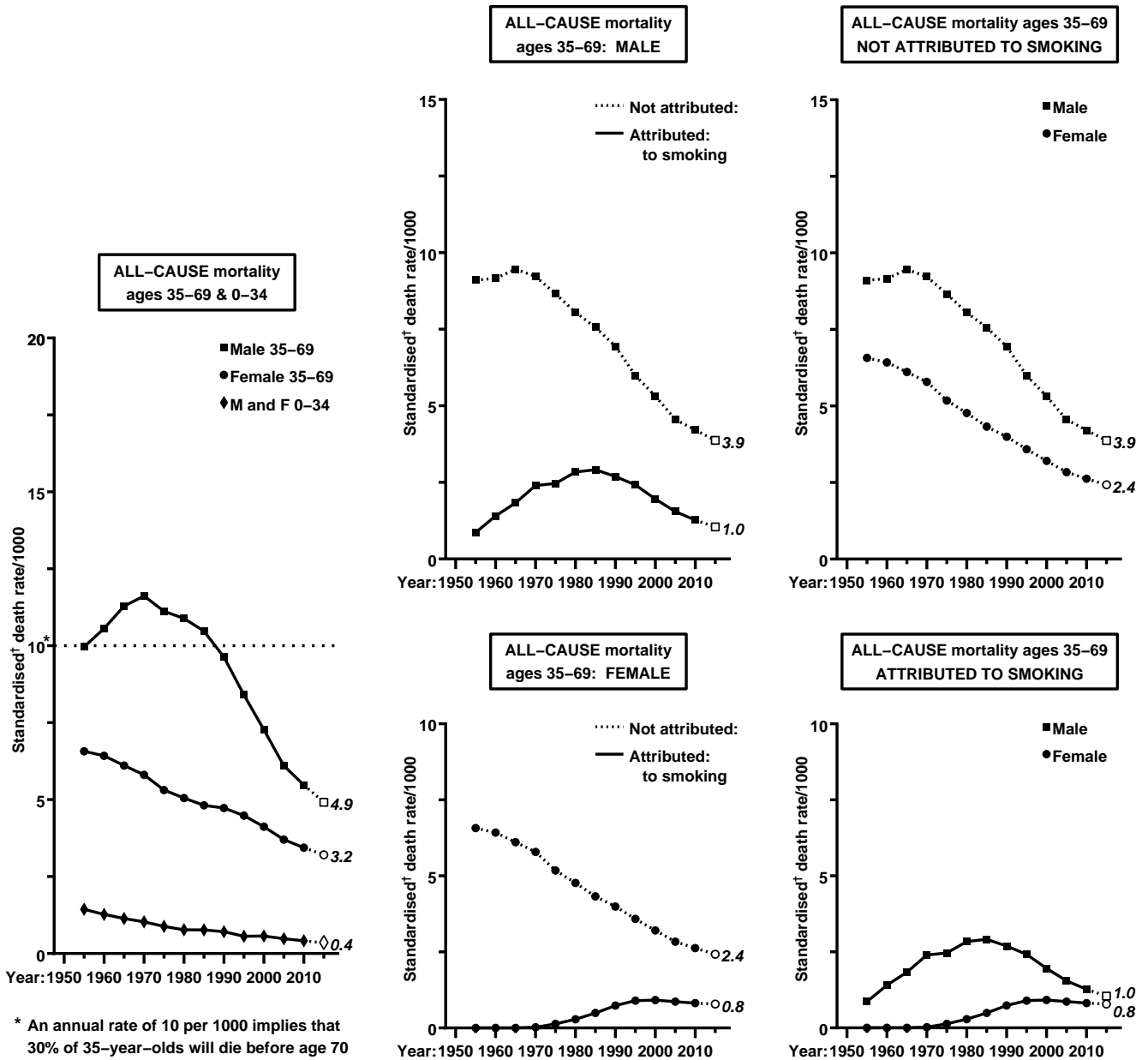
–/58	90/391 <b>(23%)</b>	119/822 <b>(14%)</b>	209/1271	–/29	26/220 <b>(12%)</b>	77/943 <b>(8%)</b>	104/1192
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1955-2015: NORWAY



**NORWAY: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

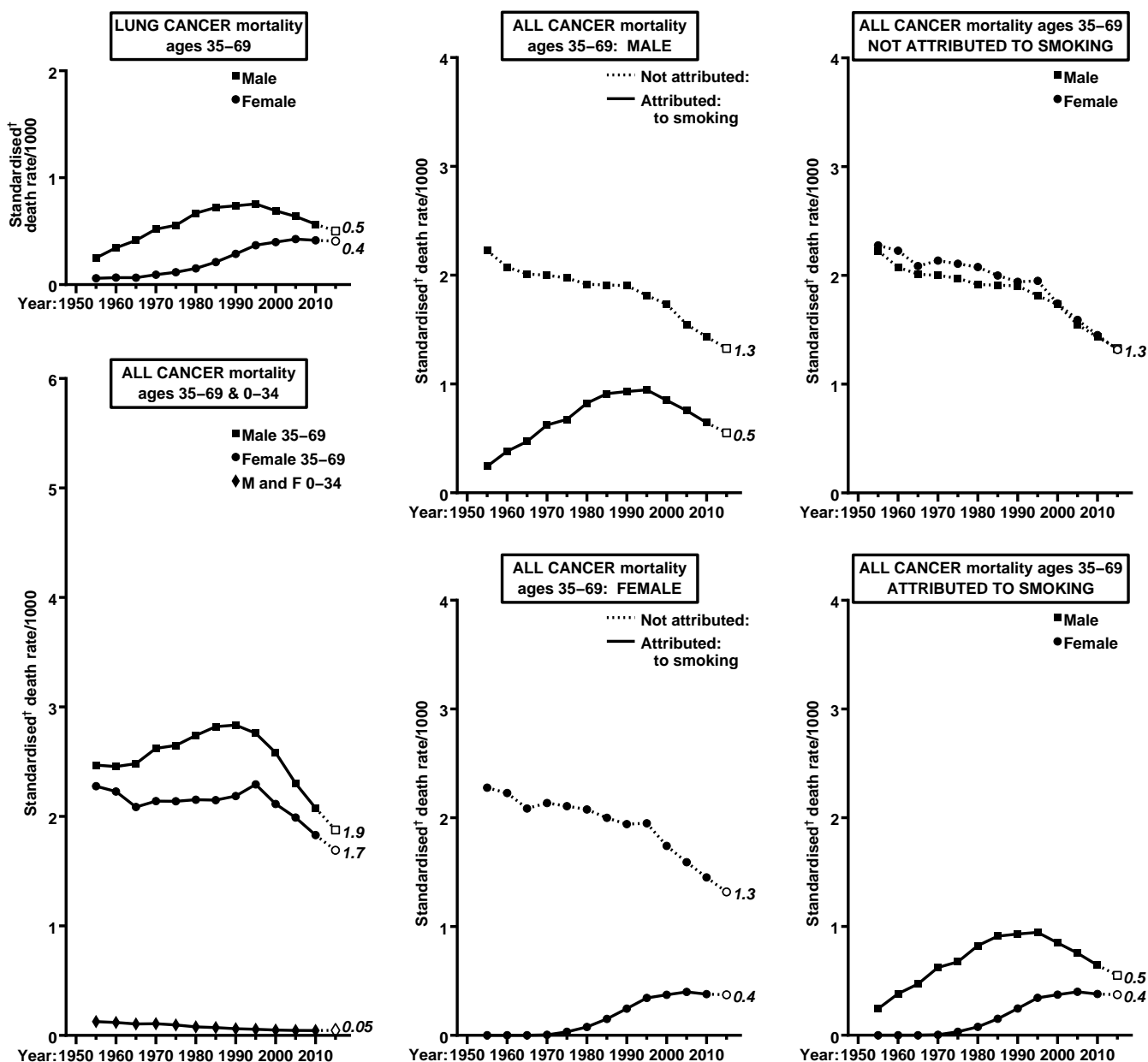
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	1.77	0.86	9.10	0.23	56.6	-	1.10	0.00	6.57	0.00	47.9	-	0.92	0.00	6.42	0.00	47.4
1960	-	1.61	1.40	9.16	1.44	58.9	-	0.83	0.00	6.11	0.00	47.3	-	0.71	0.02	5.78	0.00	43.8
1965	-	1.44	1.83	9.46	2.95	59.8	-	0.60	0.13	5.18	0.17	39.1	-	0.51	0.28	4.77	0.20	35.2
1970	-	1.34	2.39	9.22	5.55	59.9	-	0.52	0.49	4.32	1.52	31.1	-	0.48	0.73	3.99	2.08	29.5
1975	-	1.15	2.46	8.65	7.95	56.3	-	0.37	0.90	3.58	3.12	25.6	-	0.37	0.91	3.20	4.01	22.5
1980	-	1.02	2.84	8.05	9.39	53.0	-	0.32	0.86	2.84	4.80	18.7	-	0.32	0.81	2.62	4.91	16.4
1985	-	1.01	2.91	7.56	10.6	50.8	-	0.28	0.81	2.62	4.91	16.4	-	0.28	0.81	2.62	4.91	16.4
1990	-	0.93	2.69	6.94	11.1	47.5	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3
1995	-	0.74	2.42	5.99	10.9	43.2	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3
2000	-	0.76	1.95	5.31	10.6	37.6	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3
2005	-	0.63	1.55	4.55	9.11	30.4	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3
2010	-	0.55	1.27	4.21	7.78	27.3	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3
2015	-	0.47	1.04	3.87	6.77	24.4	-	0.24	0.78	2.42	5.09	14.3	-	0.24	0.78	2.42	5.09	14.3

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



ALL CANCER mortality rates attributed and not attributed to smoking



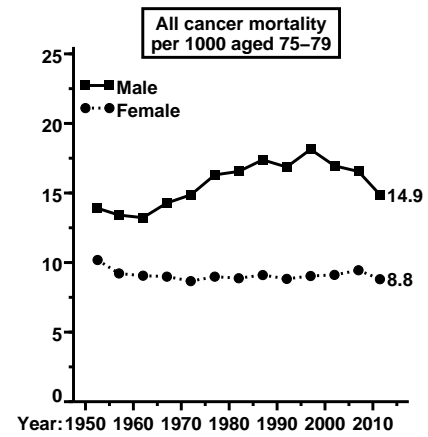
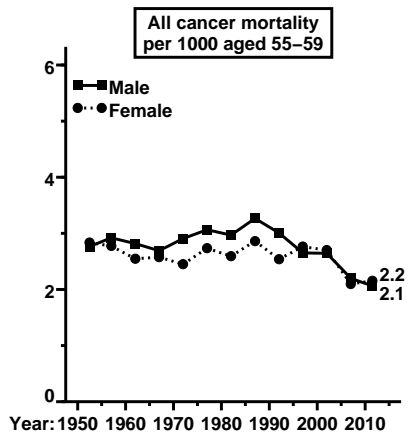
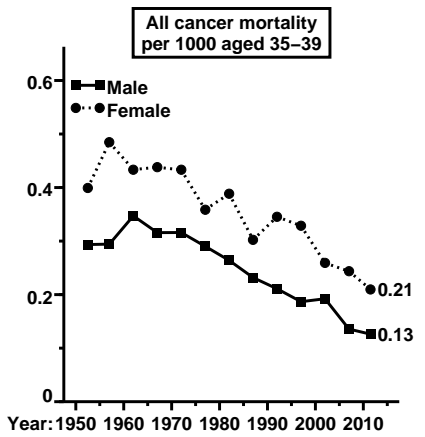
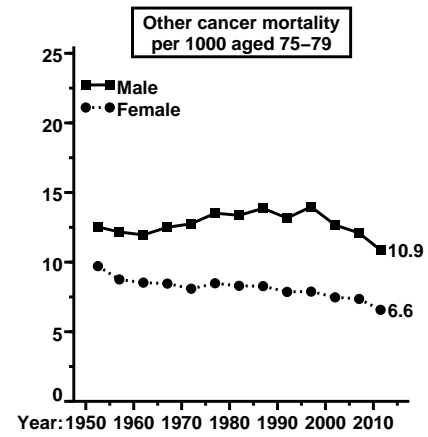
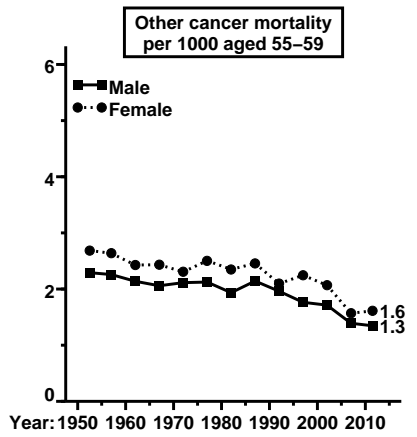
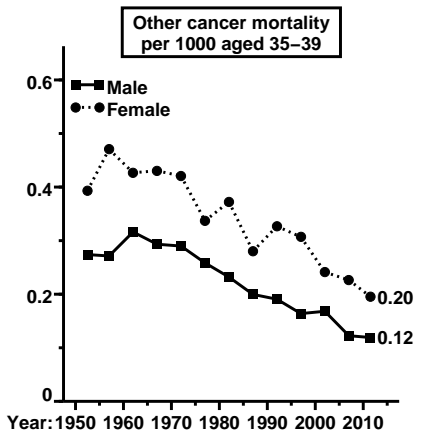
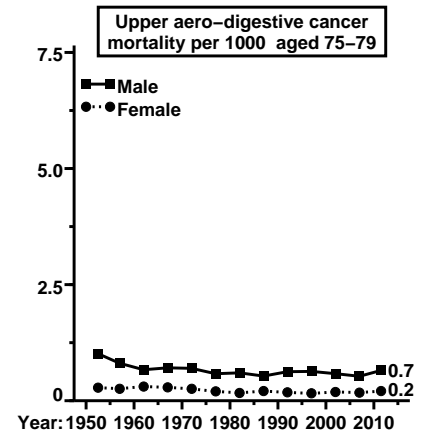
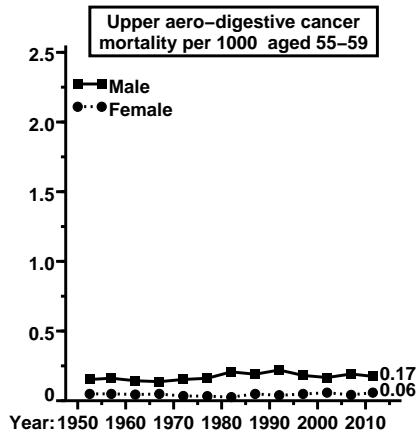
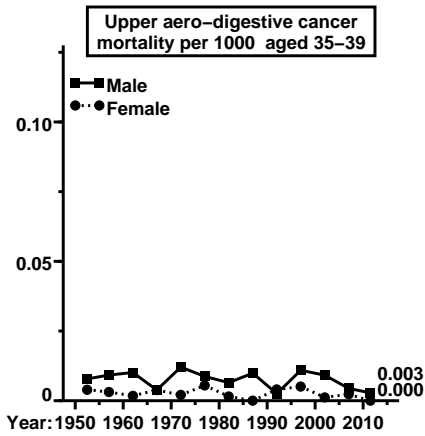
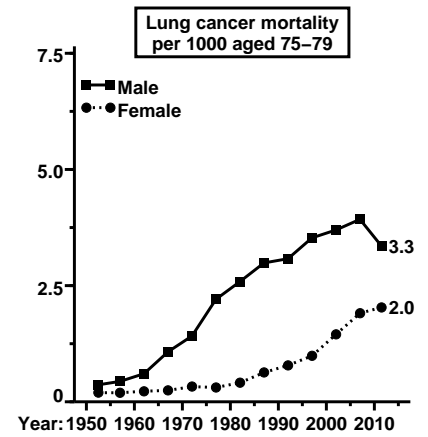
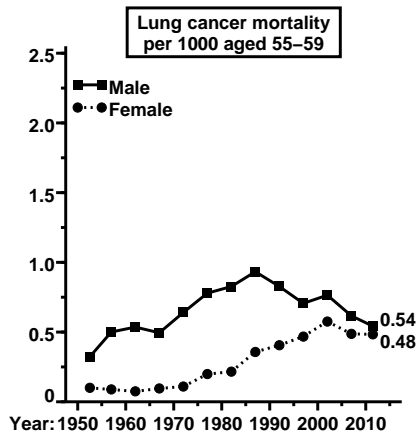
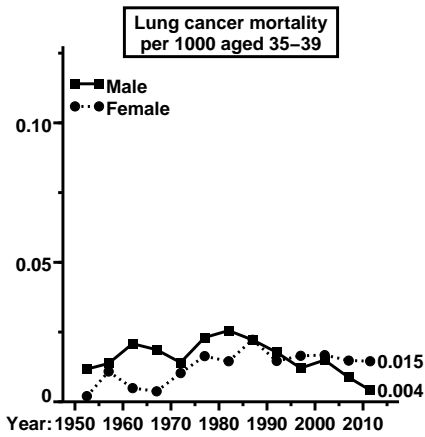
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	-	0.13	0.24	2.23	0.06	11.7	-	0.12	0.00	2.28	0.00	8.38		
1960	-	0.14	0.38	2.07	0.42	11.2	-	0.10	0.00	2.23	0.00	7.71		
1965	-	0.12	0.47	2.01	0.85	11.2	-	0.09	0.00	2.09	0.00	7.98		
1970	-	0.12	0.62	2.00	1.56	11.2	-	0.09	0.00	2.14	0.00	7.84		
1975	-	0.11	0.67	1.97	2.33	10.9	-	0.08	0.03	2.11	0.03	7.50		
1980	-	0.09	0.82	1.92	2.93	11.3	-	0.07	0.08	2.08	0.04	7.75		
1985	-	0.07	0.91	1.91	3.40	11.3	-	0.07	0.15	2.00	0.34	7.52		
1990	-	0.07	0.93	1.90	3.77	10.9	-	0.05	0.25	1.94	0.49	7.30		
1995	-	0.06	0.95	1.81	3.98	11.0	-	0.05	0.34	1.95	0.80	7.14		
2000	-	0.05	0.85	1.73	4.24	10.4	-	0.05	0.37	1.74	1.17	6.84		
2005	-	0.05	0.75	1.55	4.19	9.58	-	0.04	0.40	1.59	1.63	6.44		
2010	-	0.04	0.64	1.43	3.74	9.02	-	0.05	0.38	1.45	1.84	5.98		
2015	-	0.04	0.55	1.33	3.34	8.48	-	0.05	0.37	1.32	2.05	5.51		

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

**NORWAY: 1951-2013**

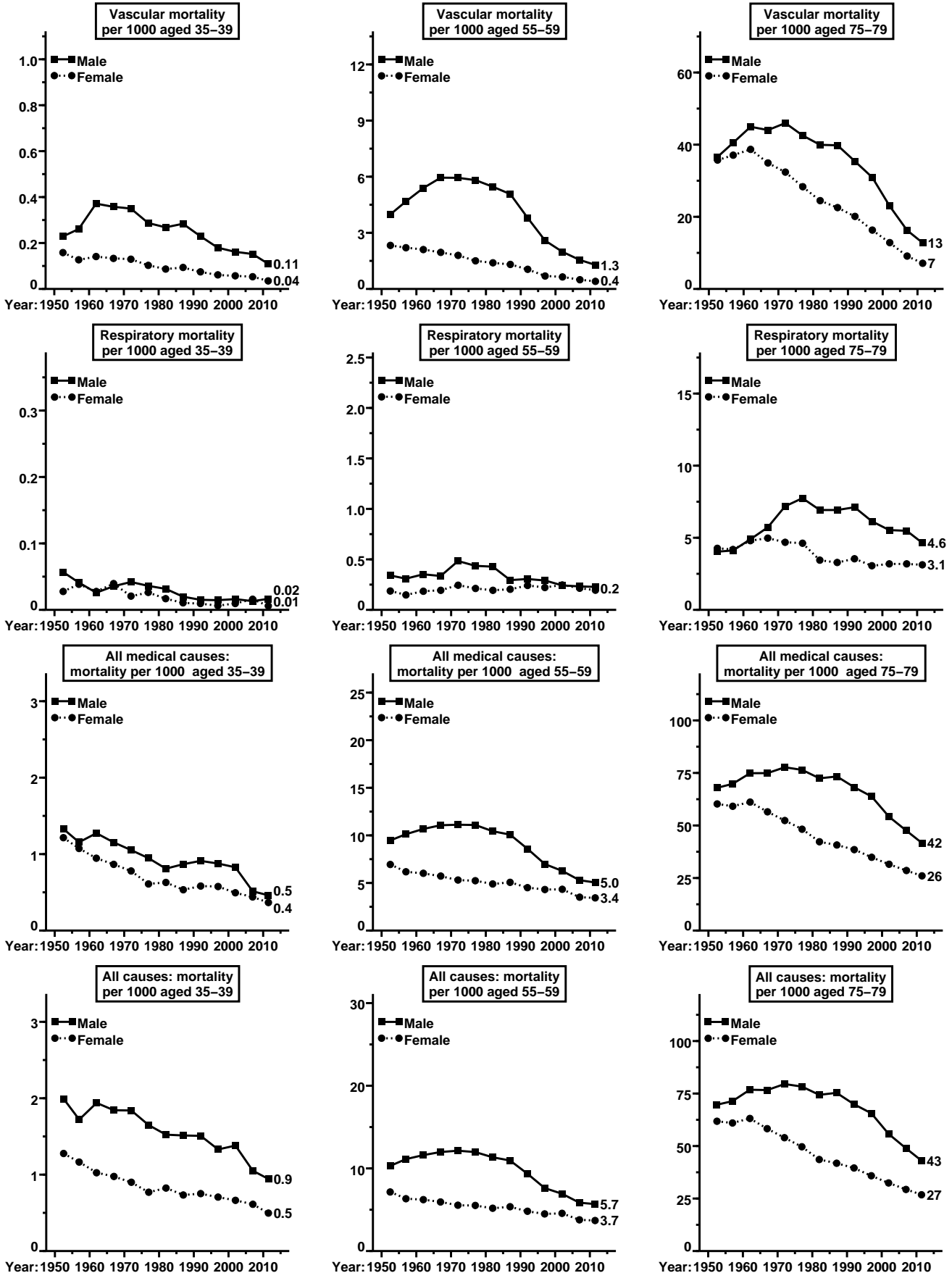
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 4-year average 2010–13

1951-2013: NORWAY

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 4-year average 2010-13

**POLAND: 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
<b>ALL CAUSES</b>	M	199833	8207	90751	1023.9	83.8	1265.2	128.7	13.6	17.8	64.9	105.5	109.9	146.3
	F	178645	2847	39819	542.3	33.9	494.3	107.8	10.1	11.9	20.4	22.2	26.4	38.4
<b>Tuberculosis</b>	M	462	14	333	2.3	0.1	4.1	-	-	-	-	0.1	0.1	0.7
	F	124	3	50	0.4	0.0	0.6	-	-	-	-	0.1	-	0.1
<b>Other infective and parasitic</b>	M	1215	130	611	6.3	1.4	8.3	4.3	0.2	0.5	0.6	0.7	1.3	2.5
	F	1005	57	297	3.5	0.7	3.7	2.0	0.7	0.2	0.3	0.4	0.7	0.5
<b>ALL CANCER</b>	M	51818	521	26122	266.3	5.3	384.2	2.7	2.8	3.7	4.3	5.6	7.9	10.1
	F	40795	402	18394	145.6	4.2	224.1	2.9	2.3	1.8	3.0	2.9	5.6	11.0
<b>Mouth and pharynx cancer</b>	M	1763	6	1341	8.9	0.1	17.5	-	-	-	-	0.1	0.1	0.2
	F	464	4	265	1.7	0.0	3.1	-	-	-	-	0.1	0.1	0.1
<b>Oesophagus cancer</b>	M	1106	-	736	5.6	-	10.3	-	-	-	-	-	-	-
	F	290	1	128	1.0	0.0	1.5	-	-	-	-	-	0.1	-
<b>Stomach cancer</b>	M	3486	15	1689	17.9	0.1	24.6	-	-	-	-	0.1	0.4	0.4
	F	1878	12	681	6.4	0.1	8.4	-	-	-	-	0.2	0.1	0.5
<b>Colorectal cancer</b>	M	5959	23	2568	30.8	0.2	39.6	-	-	-	-	0.1	0.4	0.9
	F	4861	18	1605	16.1	0.2	20.2	-	-	-	-	0.1	0.4	0.7
<b>Liver cancer</b>	M	1020	7	515	5.3	0.1	7.6	0.2	-	-	-	0.1	0.1	0.1
	F	907	7	311	3.0	0.1	3.9	0.1	-	-	0.2	0.1	0.1	0.1
<b>Pancreas cancer</b>	M	2280	3	1363	11.8	0.0	19.9	-	-	-	-	-	0.1	0.1
	F	2250	5	882	7.8	0.1	11.0	-	-	-	0.1	-	-	0.3
<b>Larynx cancer</b>	M	1358	2	915	6.9	0.0	12.6	-	-	-	-	-	0.1	0.1
	F	169	-	108	0.7	-	1.2	-	-	-	-	-	-	-
<b>Lung cancer</b>	M	16204	16	9047	83.4	0.1	134.2	-	-	-	0.1	0.1	0.2	0.6
	F	6170	6	3624	23.4	0.1	44.0	-	-	-	-	0.1	-	0.3
<b>Malignant melanoma</b>	M	621	22	346	3.1	0.2	4.7	-	-	-	0.1	0.2	0.5	0.6
	F	569	12	258	2.1	0.1	3.1	-	-	-	-	0.1	0.1	0.6
<b>Female breast cancer</b>	F	5226	42	2824	19.6	0.4	33.4	-	-	-	-	-	0.3	2.4
<b>Cervix cancer</b>	F	1735	22	1178	7.0	0.2	13.4	-	-	-	-	0.1	0.3	1.0
<b>Other uterine cancer</b>	F	1330	1	568	4.7	0.0	7.2	-	-	-	-	-	0.1	-
<b>Ovarian cancer</b>	F	2570	19	1515	9.9	0.2	18.1	-	-	-	-	0.1	0.2	1.0
<b>Prostate cancer</b>	M	3940	-	926	20.3	-	15.8	-	-	-	-	-	-	-
<b>Bladder cancer</b>	M	2470	1	902	12.8	0.0	14.3	-	-	-	-	-	-	0.1
	F	641	-	183	2.0	-	2.3	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	8731	270	4466	44.8	2.8	64.0	1.6	2.1	2.2	2.8	2.6	4.1	4.2
	F	9104	154	3348	31.1	1.7	41.6	1.9	1.4	1.2	1.6	1.3	1.9	2.7
<b>Hodgkin's disease</b>	M	111	28	59	0.6	0.3	0.8	-	-	0.1	0.1	0.5	0.3	0.8
	F	78	15	41	0.3	0.1	0.5	-	-	-	0.1	0.1	0.6	0.2
<b>Myeloma and non-Hodgkin lymphomas</b>	M	1337	33	639	6.9	0.3	9.3	0.1	0.2	0.2	0.1	0.2	0.7	0.8
	F	1341	39	467	4.7	0.4	6.0	0.1	0.1	0.1	0.4	0.4	0.9	0.7
<b>Leukaemia</b>	M	1432	95	610	7.4	1.0	9.1	0.8	0.4	1.2	1.2	1.5	0.8	1.3
	F	1212	45	408	4.2	0.6	5.0	0.7	0.8	0.4	0.7	0.3	0.5	0.4
<b>Diabetes</b>	M	2742	24	1247	14.0	0.2	17.8	0.1	-	-	-	0.1	0.2	1.1
	F	3770	16	717	11.2	0.2	9.6	-	0.1	0.2	0.1	0.1	0.1	0.6
<b>ALL VASCULAR DISEASE</b>	M	81484	612	29745	416.6	5.8	429.8	2.3	0.7	0.7	3.2	4.8	9.5	19.1
	F	92519	245	10472	250.9	2.5	137.1	3.1	0.2	0.9	1.3	2.6	4.1	5.5
<b>Rheumatic heart disease and fever</b>	M	305	8	113	1.6	0.1	1.7	0.2	-	-	-	-	0.2	0.2
	F	507	2	119	1.6	0.0	1.6	-	-	0.1	-	-	-	0.1
<b>Hypertensive disease</b>	M	2614	5	1174	13.3	0.0	16.7	-	-	-	-	0.1	0.1	0.1
	F	3633	2	515	10.1	0.0	6.8	-	-	-	-	-	0.1	-
<b>Ischaemic heart disease</b>	M	24873	71	10630	127.2	0.6	153.2	-	-	-	0.1	0.1	0.9	3.3
	F	20959	15	2754	58.0	0.1	36.5	-	-	-	-	-	0.2	0.8
<b>Pulmonary embolism and other venous</b>	M	1367	25	671	7.0	0.2	9.3	-	-	-	0.2	0.1	0.4	0.9
	F	1343	11	365	4.2	0.1	4.5	-	-	-	0.1	0.1	0.3	0.3
<b>Cerebrovascular disease</b>	M	15334	103	5444	78.5	1.0	80.6	0.2	0.1	0.3	0.7	0.7	1.6	3.2
	F	20236	67	2934	57.0	0.7	38.2	0.1	-	0.4	0.2	0.8	1.3	1.8
<b>Other vascular disease</b>	M	36991	400	11713	188.9	3.8	168.3	1.9	0.6	0.4	2.3	3.8	6.3	11.4
	F	45841	148	3785	120.0	1.6	49.6	3.0	0.2	0.4	1.0	1.7	2.2	2.6
<b>Chronic obstructive pulmonary disease</b>	M	4826	9	1298	24.8	0.1	21.2	-	-	-	-	-	0.3	0.1
	F	2336	1	605	7.3	0.0	8.0	-	-	-	-	-	0.1	-
<b>Other respiratory disease</b>	M	6661	205	2276	34.1	2.2	31.9	4.3	1.0	1.1	1.5	2.0	2.5	3.0
	F	5510	131	827	15.8	1.5	10.2	4.1	0.5	0.9	0.7	1.5	1.3	1.8
<b>Peptic ulcer</b>	M	796	12	394	4.0	0.1	5.2	-	-	-	-	0.1	0.2	0.4
	F	663	5	135	1.9	0.1	1.6	-	-	-	-	-	0.1	0.2
<b>Liver cirrhosis</b>	M	4453	155	3716	22.5	1.4	46.4	0.1	-	-	0.2	0.7	2.5	6.3
	F	1732	47	1266	7.3	0.4	14.2	-	-	-	0.2	0.1	0.6	2.1
<b>Renal disease</b>	M	2380	26	670	12.1	0.3	10.0	0.2	-	0.2	0.1	0.4	0.2	0.7
	F	2586	17	404	7.4	0.2	5.2	0.2	0.1	-	0.2	0.1	0.2	0.4
<b>Pregnancy, birth</b>	F	9	8	1	0.0	0.1	0.0	-	-	-	0.2	-	0.1	0.3
<b>Congenital and perinatal causes</b>	M	1130	1090	37	8.5	14.9	0.5	99.6	1.8	0.8	1.2	0.3	0.7	0.2
	F	908	876	28	7.2	12.6	0.3	83.1	1.5	1.3	1.0	0.8	0.4	0.4
<b>Ill-defined causes</b>	M	13294	584	7757	67.5	5.7	99.4	5.3	0.6	0.8	2.3	6.8	8.7	15.1
	F	11202	135	1897	31.3	1.5	22.6	3.6	0.3	0.2	0.8	1.0	1.8	2.6
<b>Other medical causes</b>	M	10179	547	5003	52.1	5.5	67.2	4.1	2.0	2.9	4.8	4.6	7.7	12.4
	F	10051	218	2610	31.9	2.5	32.6	3.9	1.6	1.4	2.0	2.3	2.7	3.3
<b>ALL NON-MEDICAL CAUSES</b>	M	18393	4278	11542	92.5	40.8	139.4	5.7	4.6	7.2	46.9	79.0	68.1	74.4
	F	5435	686	2116	20.4	7.4	24.4	5.0	2.7	4.8	10.7	10.3	8.6	9.7
<b>Road traffic accidents</b>	M	3159	1272	1578	15.8	12.3	19.2	1.4	1.6	2.8	18.1	26.6	19.0	16.7
	F	907	286	375	4.0	3.1	4.3	1.7	1.2	2.6	5.7	4.7	3.0	3.0
<b>Fire</b>	M	438	47	319	2.2	0.4	3.9	-	0.1	-	0.2	0.5	1.1	1.1
	F	130	13	62	0.5	0.1	0.7	0.4	0.1	-	0.2	0.1	0.2	0.1
<b>Suicide</b>	M	5506	1360	3687	27.5	12.7	43.9	-	-	1.0	13.6	25.0	23.9	25.3
	F	836	132	575	3.7	1.3	6.5	-	-	0.6	1.8	1.9	1.9	2.9
<b>POPULATION:</b>			<b>M=male</b>		18671	9002	8292	1034	907	1021	1278	1494	1693	1575
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		19904	8639	8826	980	860	969	1222	1438	1638	1532

## 2010: POLAND

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			
228.7	387.9	620.5	976.8	1489.3	2127.7	3025.8	4320.8	6519.5	12487.5	M	ALL CAUSES	001-999/A00-Y89
72.4	126.8	219.7	368.1	559.7	856.9	1256.5	2007.8	3616.2	10512.6	F		
1.4	2.7	3.4	5.0	5.1	6.1	5.0	6.5	8.2	11.2	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.3	0.6	1.0	0.6	0.5	0.4	0.6	1.2	2.2	5.1	F		
2.3	4.2	6.3	6.2	9.1	12.5	17.3	23.8	34.7	49.2	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
0.9	1.5	1.4	3.0	2.8	7.0	9.7	14.6	23.9	40.3	F	and parasitic	
20.0	45.8	105.7	235.5	459.1	734.4	1089.0	1503.3	1892.6	2223.0	M	ALL CANCER	140-208/C00-C97
25.2	48.3	103.7	180.9	283.7	403.5	523.2	665.6	859.6	1157.3	F		
1.0	3.9	7.8	17.6	30.4	30.2	31.3	35.0	26.7	27.3	M	Mouth and	140-149/C00-C14
0.3	1.0	1.4	3.1	4.6	6.0	5.0	5.4	6.2	11.8	F	pharynx cancer	
0.3	1.0	3.3	7.6	14.5	20.9	24.6	27.1	24.9	28.8	M	Oesophagus cancer	150/C15
0.1	0.2	0.4	1.6	2.2	3.2	2.8	4.2	6.5	8.9	F		
1.0	3.8	9.1	16.2	29.2	44.6	68.5	106.1	125.2	167.3	M	Stomach cancer	151/C16
1.7	2.7	4.6	6.4	8.3	14.8	20.6	31.5	46.8	66.0	F		
1.8	4.0	9.1	19.0	39.4	76.7	126.9	184.3	261.2	312.7	M	Colorectal cancer	153, 154/C18-C21
2.1	2.8	6.0	14.2	23.0	36.8	57.0	87.7	120.3	185.0	F		
0.7	1.2	2.8	4.6	8.0	14.2	21.9	30.5	38.5	41.8	M	Liver cancer	155.0/C22 excl C221
0.3	0.4	1.1	2.5	5.0	7.2	10.9	15.6	21.1	34.6	F		
1.0	3.5	6.0	14.1	24.1	33.4	57.4	59.9	62.4	80.1	M	Pancreas cancer	157/C25
0.8	1.2	4.1	7.4	13.6	20.8	29.0	43.7	53.7	69.1	F		
0.1	1.0	4.4	10.5	18.8	25.4	28.1	32.8	35.9	26.8	M	Larynx cancer	161/C32
-	0.2	0.2	1.2	2.4	2.5	2.4	3.4	2.2	1.9	F		
1.7	8.6	27.4	79.5	162.4	274.3	385.3	510.4	556.5	489.7	M	Lung cancer	162/C33, C34
1.1	3.8	14.3	35.2	61.4	88.9	103.5	101.2	105.3	105.9	F		
1.0	1.9	2.4	3.2	6.1	8.7	9.5	12.4	20.9	24.2	M	Malignant melanoma	172/C43
1.1	1.2	2.3	2.7	3.8	4.0	6.5	8.0	11.6	16.8	F		
4.8	12.2	22.5	30.9	45.7	53.4	63.9	73.4	87.1	126.4	F	Female breast cancer	174/C50
3.8	6.3	11.2	17.3	17.8	17.8	19.7	19.1	21.8	24.7	F	Cervix cancer	180/C53
0.2	0.6	2.7	3.7	8.9	14.0	20.3	25.8	29.8	37.4	F	Other uterine cancer	179, 182/C54, C55
2.0	5.5	11.5	17.0	23.3	29.5	38.3	39.2	44.2	44.1	F	Ovarian cancer	183/C56, C570-C574
0.1	0.2	1.2	3.4	12.0	29.1	64.8	115.8	215.7	369.3	M	Prostate cancer	185/C61
0.2	1.0	1.8	5.0	15.3	27.3	49.2	80.3	109.5	166.3	M	Bladder cancer	188/C67
-	0.3	0.5	1.2	3.3	4.8	5.8	10.7	14.9	29.5	F		
7.9	11.3	24.0	42.9	78.3	115.5	167.9	226.1	306.9	363.4	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
5.1	8.2	17.1	29.2	47.8	78.7	105.0	144.0	220.4	317.3	F	cancer sites	
0.7	0.4	0.8	0.9	0.4	0.8	1.3	1.6	1.6	2.0	M	Hodgkin's disease	201/C81
0.5	0.3	0.4	0.1	0.5	0.9	1.0	1.2	0.7	0.8	F		
1.4	2.0	2.8	6.0	10.1	17.8	24.8	40.3	50.9	56.9	M	Myeloma and non-	200, 202-203/ C82-C90, C96
0.1	0.7	1.6	3.6	6.6	10.8	18.9	29.3	37.1	36.5	F	Hodgkin lymphomas	
1.1	1.8	2.9	5.0	10.0	15.6	27.4	40.9	56.0	66.3	M	Leukaemia	204-208/C91-C95
1.1	0.9	1.9	3.7	5.6	9.5	12.6	22.3	29.8	40.4	F		
2.4	4.1	7.6	12.7	20.5	31.3	45.6	63.8	106.2	168.8	M	Diabetes	250/E10-E14
0.8	1.0	2.0	4.6	8.6	17.1	32.7	54.8	104.3	206.2	F		
39.5	91.9	163.4	300.6	490.5	755.4	1167.5	1818.1	3106.0	7073.9	M	ALL VASCULAR	390-459/I00-I99
10.3	21.7	39.7	75.7	129.8	242.4	440.4	887.5	1954.2	6805.0	F	DISEASE	
0.1	0.1	0.3	1.2	1.7	3.0	5.7	9.1	11.7	21.2	M	Rheumatic heart	390-398/I00-I09
0.1	-	0.2	0.3	1.5	3.7	5.5	10.4	13.4	22.9	F	disease and fever	
0.7	2.1	6.1	12.5	21.6	31.2	42.6	61.9	87.7	182.6	M	Hypertensive disease	401-405/I10-I15
0.1	1.1	1.4	3.4	6.1	13.8	21.6	39.7	76.3	252.2	F		
9.4	26.8	55.0	108.8	182.6	278.9	411.2	597.7	930.0	1752.4	M	Ischaemic heart	410-414/I20-I25
1.1	3.5	7.6	19.9	34.4	65.4	123.3	230.5	469.8	1453.4	F	disease	
1.8	3.8	4.5	6.9	10.6	15.9	21.6	31.6	51.8	69.9	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.9	1.7	1.4	2.9	5.2	8.9	10.4	18.9	37.8	60.5	F	and other venous	
6.6	15.0	25.9	48.0	88.6	146.0	233.8	378.2	650.8	1250.0	M	Cerebrovascular	430-438/I60-I69
3.9	7.2	12.7	23.6	35.0	64.5	120.8	225.4	490.4	1333.5	F	disease	
20.9	44.0	71.6	123.1	185.4	280.3	452.6	739.6	1374.0	3797.9	M	Other vascular	Rest of 390-459/ rest of I00-I99
4.2	8.2	16.4	25.7	47.6	86.2	158.8	362.6	866.5	3682.6	F	disease	
0.1	0.9	3.0	7.4	19.2	37.6	80.5	140.7	261.9	412.4	M	Chronic obstructive	490-496/ J40-J47, J67
0.3	0.3	0.9	3.0	8.2	17.4	25.8	42.7	64.6	102.5	F	pulmonary disease	
7.2	9.1	16.2	24.1	36.0	52.0	78.8	126.9	234.2	630.7	M	Other respiratory	Rest of 460-519/ rest of J00-J98
2.2	2.4	4.8	8.4	11.6	16.4	25.7	49.6	99.7	385.9	F	disease	
1.4	1.6	2.8	5.2	6.7	8.7	9.8	15.2	25.3	50.2	M	Peptic ulcer	531-533/K25-K27
0.1	0.2	0.8	1.5	1.7	3.5	3.7	7.8	13.8	40.4	F		
15.3	24.5	39.4	51.8	63.4	68.4	61.5	46.8	42.2	36.0	M	Liver cirrhosis	571/K70, K74
4.8	8.1	11.1	19.1	19.5	18.6	18.6	18.4	16.7	16.4	F		
1.1	1.4	4.2	5.0	10.3	18.8	29.1	49.7	114.9	233.9	M	Renal disease	580-590/N00-N19
1.1	0.9	1.9	3.1	5.3	8.4	15.8	32.8	62.2	162.8	F		
0.1	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/A34,000-099
0.3	0.8	0.3	0.3	0.6	0.3	0.7	0.4	0.2	-	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.3	0.6	0.2	0.3	0.1	0.4	0.2	0.1	0.1	0.2	F	perinatal causes	
27.0	48.0	76.9	101.7	132.0	152.7	157.3	168.5	226.2	777.4	M	Ill-defined causes	780-799/R00-R99
6.3	10.7	13.9	18.7	27.2	38.9	42.3	61.3	116.2	882.7	F		
18.9	30.8	44.1	59.7	79.0	97.3	140.5	206.5	314.4	544.8	M	Other medical causes	Rest of 001-799/ rest of A00-R99
6.0	11.3	14.2	23.9	34.4	53.6	85.0	129.6	229.4	506.4	F		
91.9	122.1	147.0	161.4	157.7	152.1	143.3	150.6	152.6	276.0	M	ALL NON-	E800-E999/V01-Y89
13.7	19.2	24.2	25.3	26.3	29.2	32.8	41.9	69.3	201.4	F	MEDICAL CAUSES	
15.2	18.1	19.9	19.9	19.9	20.8	20.6	21.1	21.8	25.0	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
2.6	3.7	4.3	4.1	4.8	4.8	5.8	8.3	11.6	10.5	F	accidents	
1.7	2.0	3.6	5.3	5.2	4.8	4.3	3.2	6.8	6.4	M	Fire	E890-E899/X00-X09
0.5	0.3	1.2	0.6	0.5	1.1	0.8	1.4	1.8	3.4	F		
31.3	42.0	47.0	51.3	53.3	42.4	40.1	36.8	28.4	33.9	M	Suicide	E950-E959/X60-X84
3.5	4.3	6.9	7.5	7.7	7.6	8.4	4.3	6.2	5.4	F		
1361	1172	1237	1508	1383	1029	601	558	427	392	M	POPULATION	
1326	1151	1241	1574	1530	1217	787	829	725	886	F	(1000s; UN, 2015 revision)	

## POLAND: 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	– / 8.4	– / 3.0	–
35–69	36 / 92	9.4 / 41	23 years
70+	28 / 101	12 / 136	8 years
All ages	63 / 201	21 / 179	16 years

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

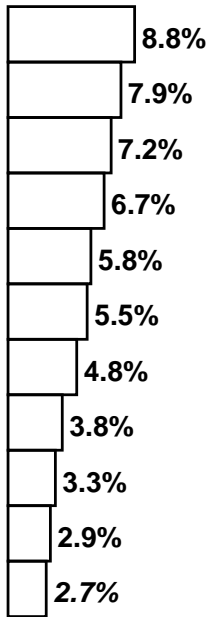
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	8.6/9.2	6.6/7.1	15/16	–/0.0	2.8/3.6	1.7/2.5	4.6/6.1
All Cancer	–/0.5	13/26 (50%)	9.8/25 (39%)	23/52	–/0.4	3.5/19 (19%)	2.3/22 (10%)	5.8/41
Vascular	–/0.6	15/30	12/51	27/82	–/0.2	3.7/11	6.9/82	11/93
Respiratory	–/0.2	2.2/3.6	3.9/8.0	6.1/12	–/0.1	0.7/1.5	1.4/6.5	2.2/8.1
All Other	–/7.0	5.6/32	1.8/17	7.4/56	–/2.2	1.3/9.8	1.0/26	2.4/38
All Causes	–/8.4	36/92 (39%)	28/101 (27%)	63/201	–/3.0	9.4/41 (23%)	12/136 (9%)	21/179

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

Cause	Male	Female	Male + Female
All Cancer	23 / 52 (44%)	5.8 / 41 (14%)	29 / 93 (31%)
All Causes	63 / 201 (31%)	21 / 179 (12%)	84 / 381 (22%)

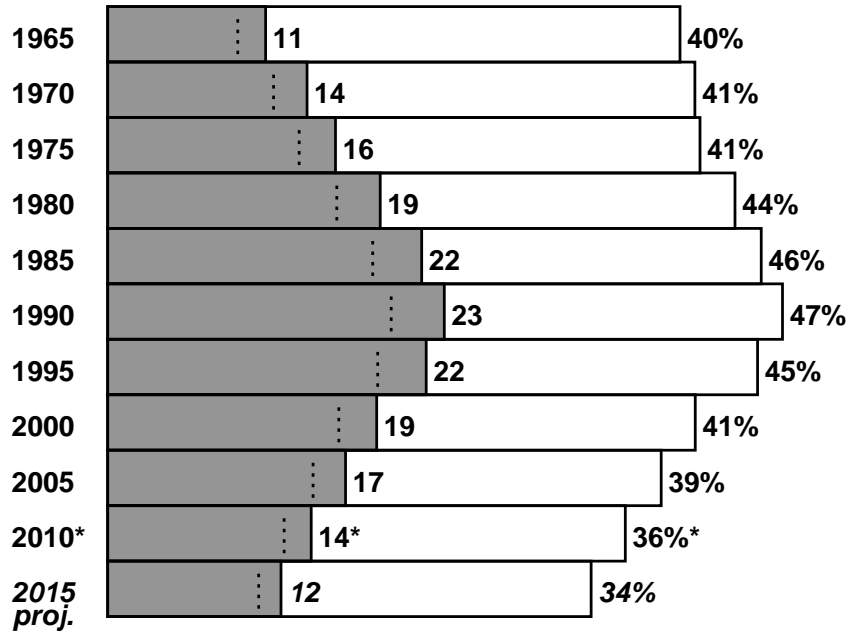
1965-2015: POLAND

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)

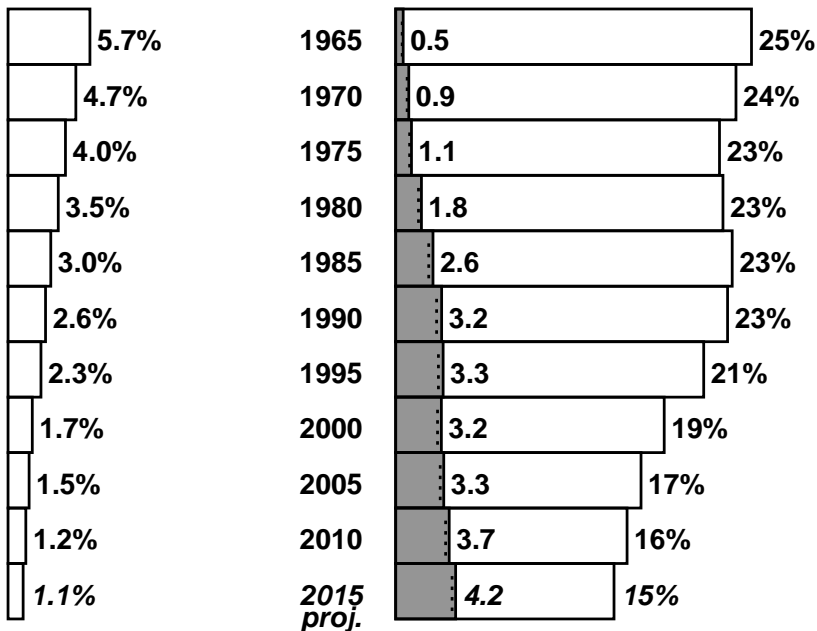
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 36 would die before age 70 (with 14 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



## POLAND: 1960-2015

*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	– / 7.1	– / 2.4	–
35–69	34 / 96	12 / 43	22 years
70+	26 / 100	13 / 140	8 years
All ages	60 / 203	25 / 186	15 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	–/25	16/58 (28%)	4.1/40 (10%)	20/123	–/16	0.8/41 (2%)	0.2/56 (0.4%)	1.0/113
1975	–/21	28/72 (38%)	13/64 (20%)	40/157	–/11	2.0/42 (5%)	1.8/83 (2%)	3.8/137
1985	–/20	43/87 (49%)	21/89 (24%)	64/196	–/9.8	5.0/45 (11%)	4.6/119 (4%)	9.6/174
1995	–/13	50/104 (48%)	23/88 (26%)	73/205	–/6.1	7.5/49 (15%)	7.4/127 (6%)	15/182
2005	–/9.0	39/92 (42%)	28/96 (29%)	67/197	–/3.4	8.0/41 (20%)	10/128 (8%)	18/172
2015 proj.	–/7.1	34/96 (36%)	26/100 (26%)	60/203	–/2.4	12/43 (28%)	13/140 (9%)	25/186

60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 4.0 / 20M

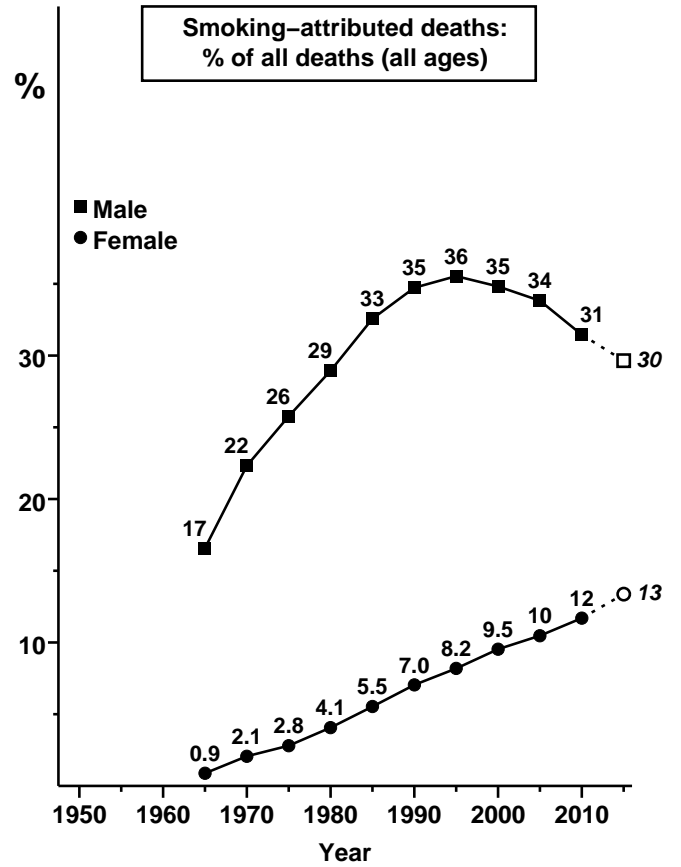
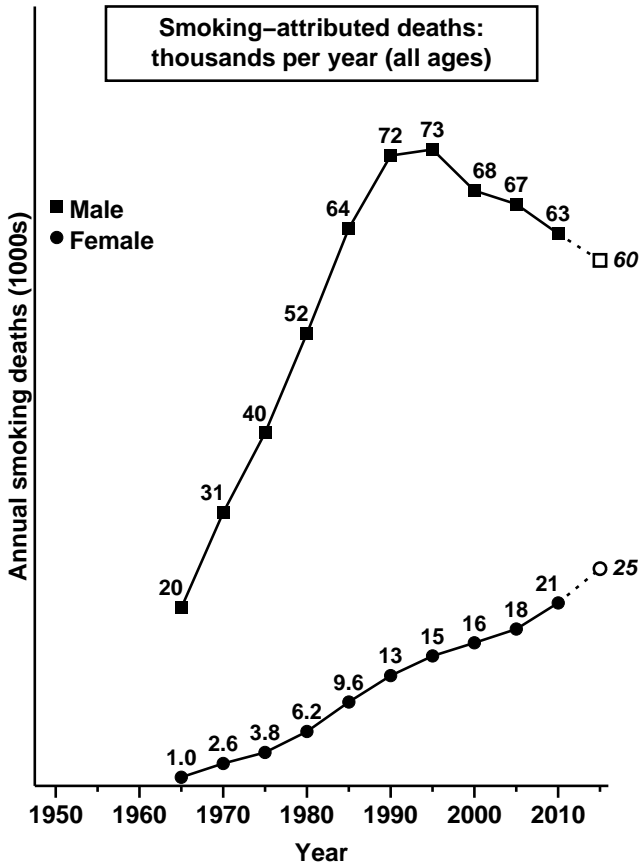
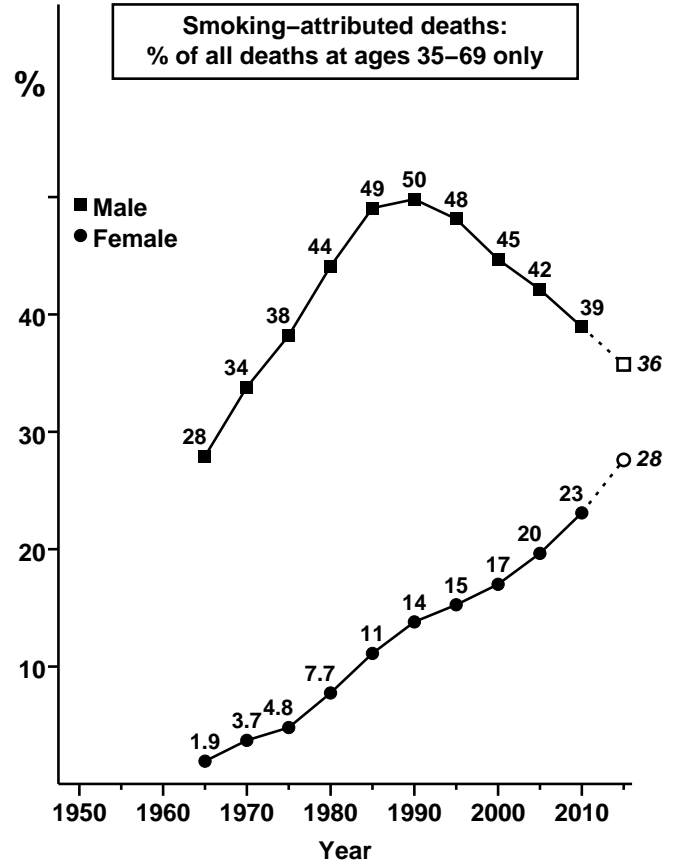
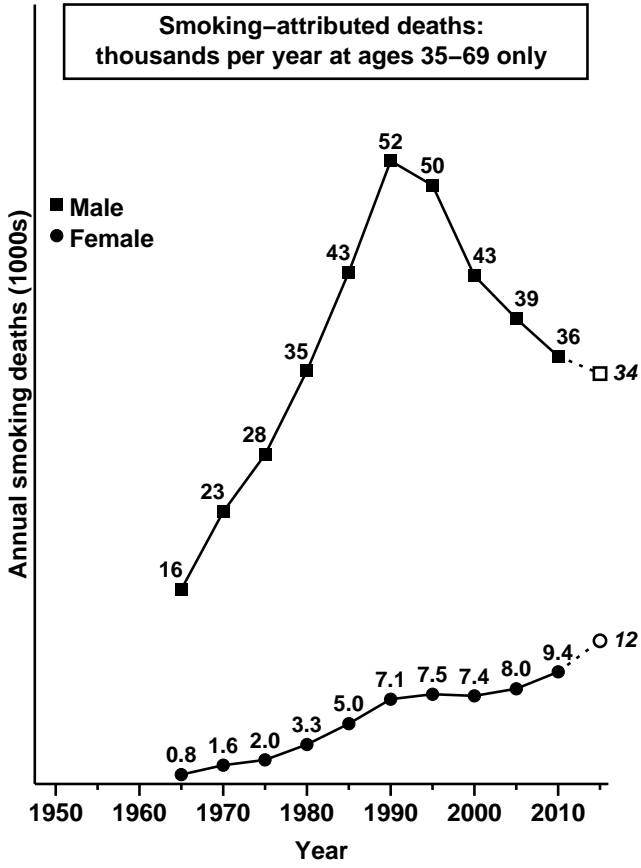
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

–/1.0M	2.1/5.1M (41%)	1.1/4.8M (24%)	3.2/11M	–/0.5M	0.4/2.6M (14%)	0.4/6.5M (6%)	0.7/9.6M
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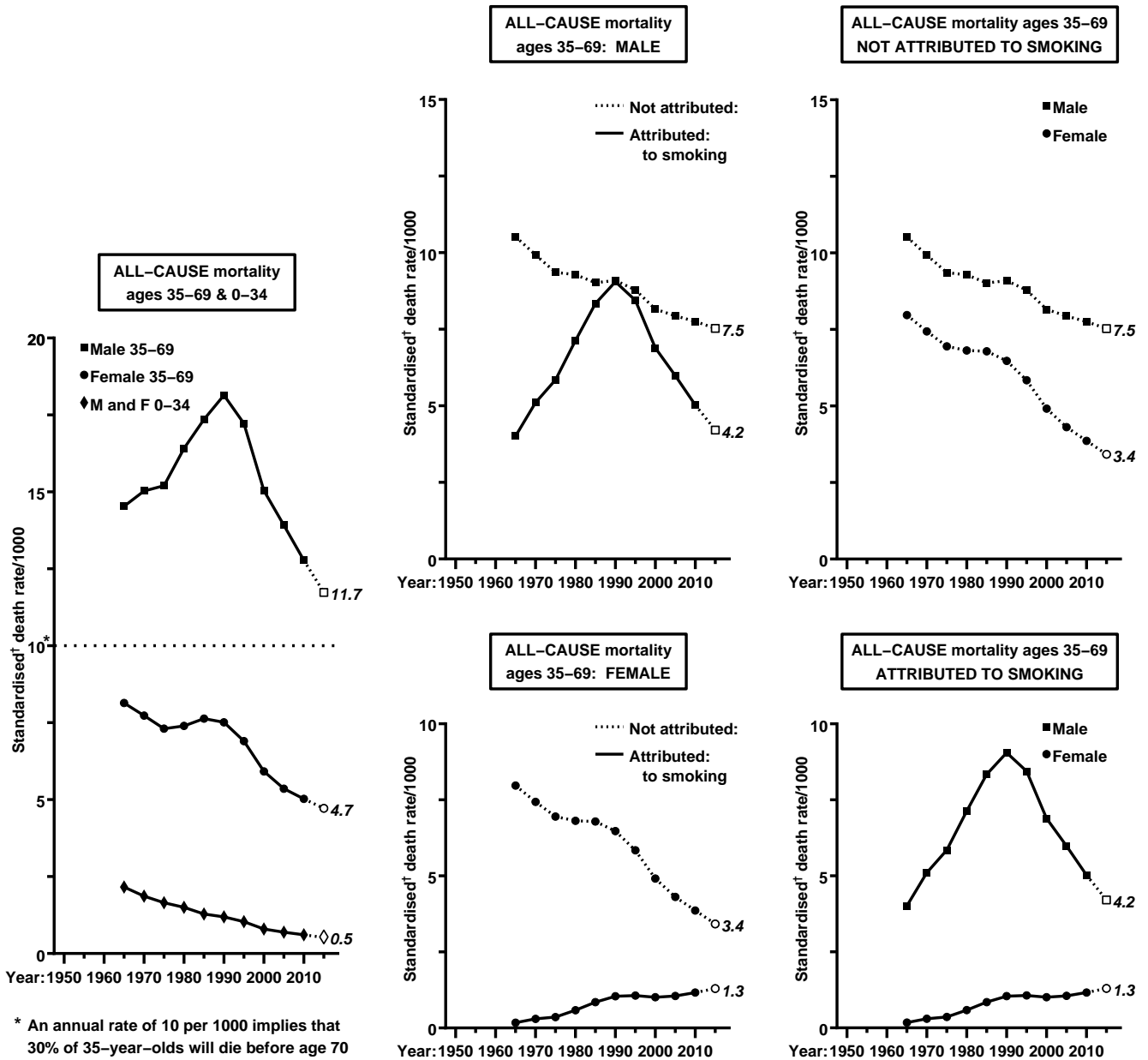


1965-2015: POLAND



**POLAND: 1965-2015**

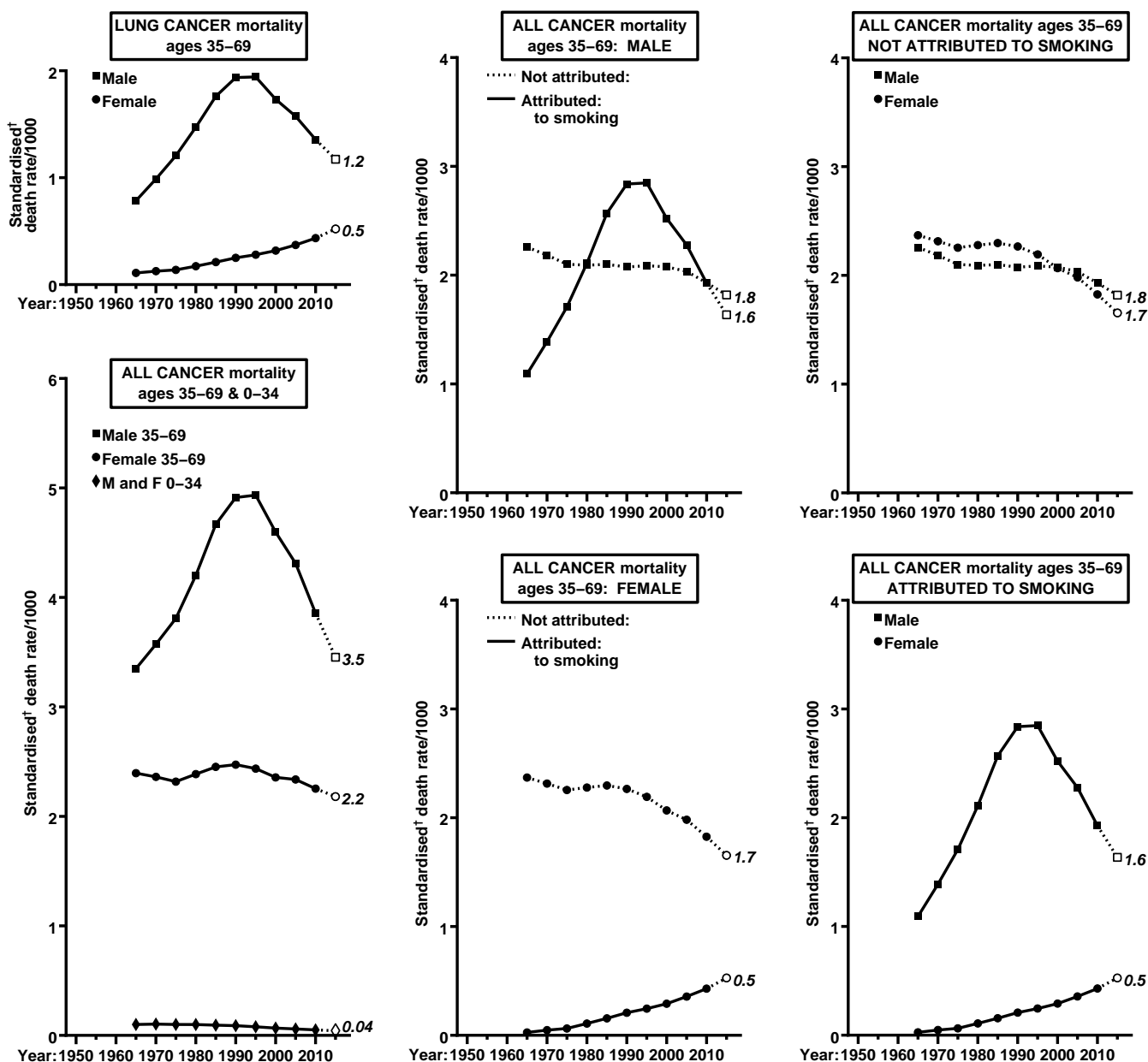
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



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	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	-	2.64	4.01	10.5	8.83	68.6	-	1.68	0.17	7.97	0.29	54.8
1970	-	2.34	5.10	9.92	14.5	67.3	-	1.38	0.30	7.43	0.94	53.8
1975	-	2.13	5.85	9.35	17.0	62.5	-	1.17	0.36	6.95	1.33	49.6
1980	-	1.98	7.13	9.28	18.6	60.3	-	1.02	0.58	6.81	1.69	46.4
1985	-	1.70	8.34	9.02	21.0	58.6	-	0.86	0.85	6.78	2.31	46.2
1990	-	1.62	9.05	9.09	21.8	58.3	-	0.76	1.04	6.47	2.89	44.0
1995	-	1.40	8.44	8.78	22.3	54.8	-	0.66	1.06	5.84	3.27	41.4
2000	-	1.10	6.89	8.15	20.4	45.0	-	0.49	1.01	4.91	3.32	34.5
2005	-	0.96	5.98	7.93	19.2	40.5	-	0.42	1.05	4.30	3.15	29.5
2010	-	0.86	5.02	7.75	16.7	37.5	-	0.36	1.16	3.86	3.15	25.2
2015	-	0.77	4.21	7.53	14.5	34.6	-	0.30	1.29	3.42	3.15	21.6

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

ALL CANCER mortality rates attributed and not attributed to smoking



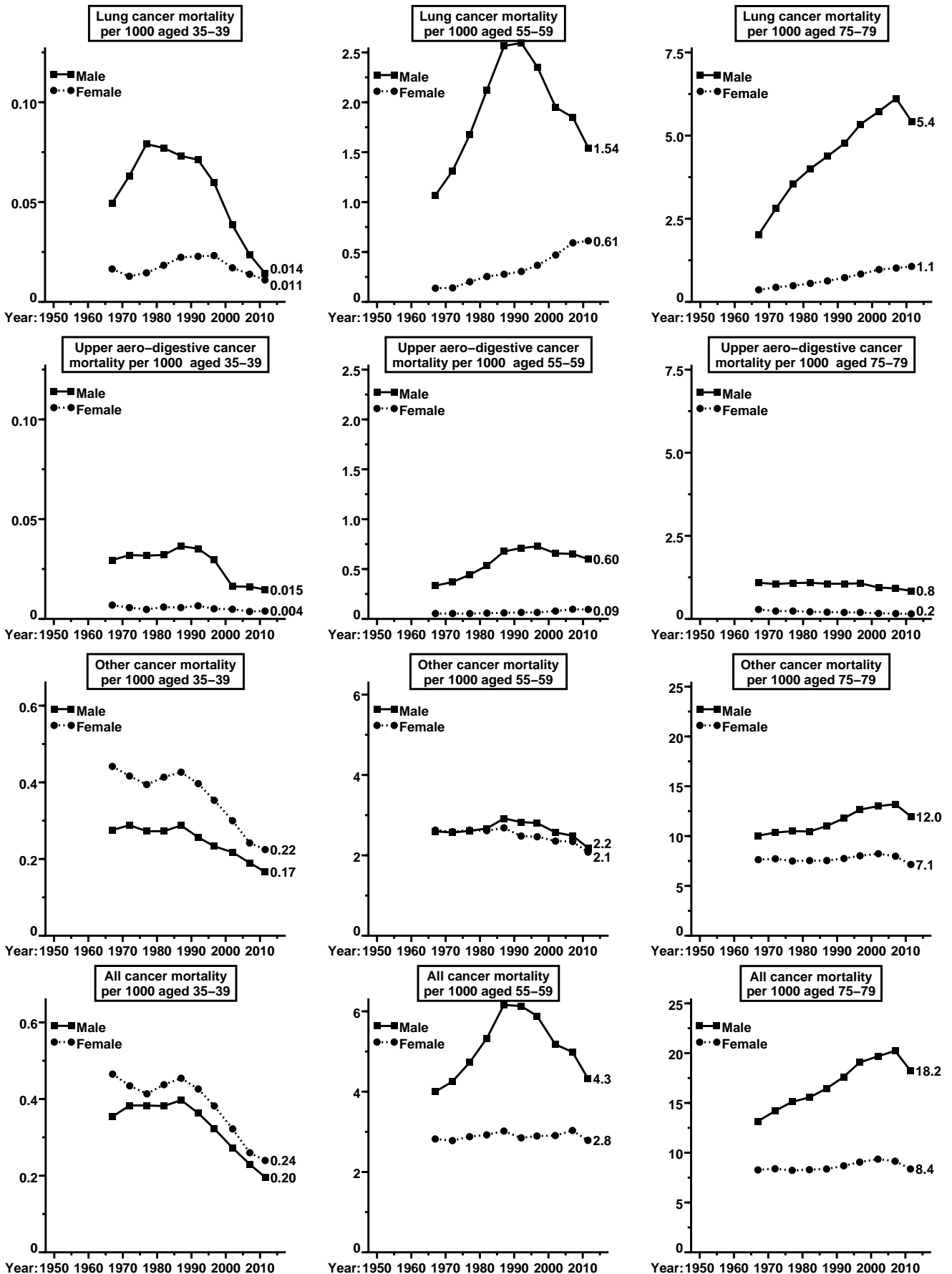
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.10	1.09	2.26	2.31	9.48	-	0.10	0.03	2.37	0.04	7.51		
1970	-	0.11	1.39	2.18	3.45	9.71	-	0.10	0.05	2.31	0.12	7.61		
1975	-	0.10	1.71	2.10	4.44	9.42	-	0.09	0.06	2.25	0.18	7.30		
1980	-	0.10	2.11	2.09	4.97	9.29	-	0.09	0.11	2.28	0.25	7.11		
1985	-	0.10	2.57	2.10	5.76	9.44	-	0.09	0.16	2.30	0.35	7.31		
1990	-	0.09	2.84	2.07	6.36	9.83	-	0.08	0.21	2.27	0.48	7.33		
1995	-	0.08	2.85	2.09	7.13	10.1	-	0.07	0.24	2.19	0.60	7.45		
2000	-	0.07	2.52	2.08	7.63	10.3	-	0.06	0.29	2.07	0.73	7.55		
2005	-	0.06	2.28	2.03	7.76	10.3	-	0.05	0.36	1.98	0.79	7.28		
2010	-	0.06	1.93	1.93	7.14	9.85	-	0.04	0.43	1.82	0.91	6.83		
2015	-	0.05	1.64	1.82	6.57	9.41	-	0.04	0.53	1.65	1.05	6.38		

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

**POLAND: 1965-2013**

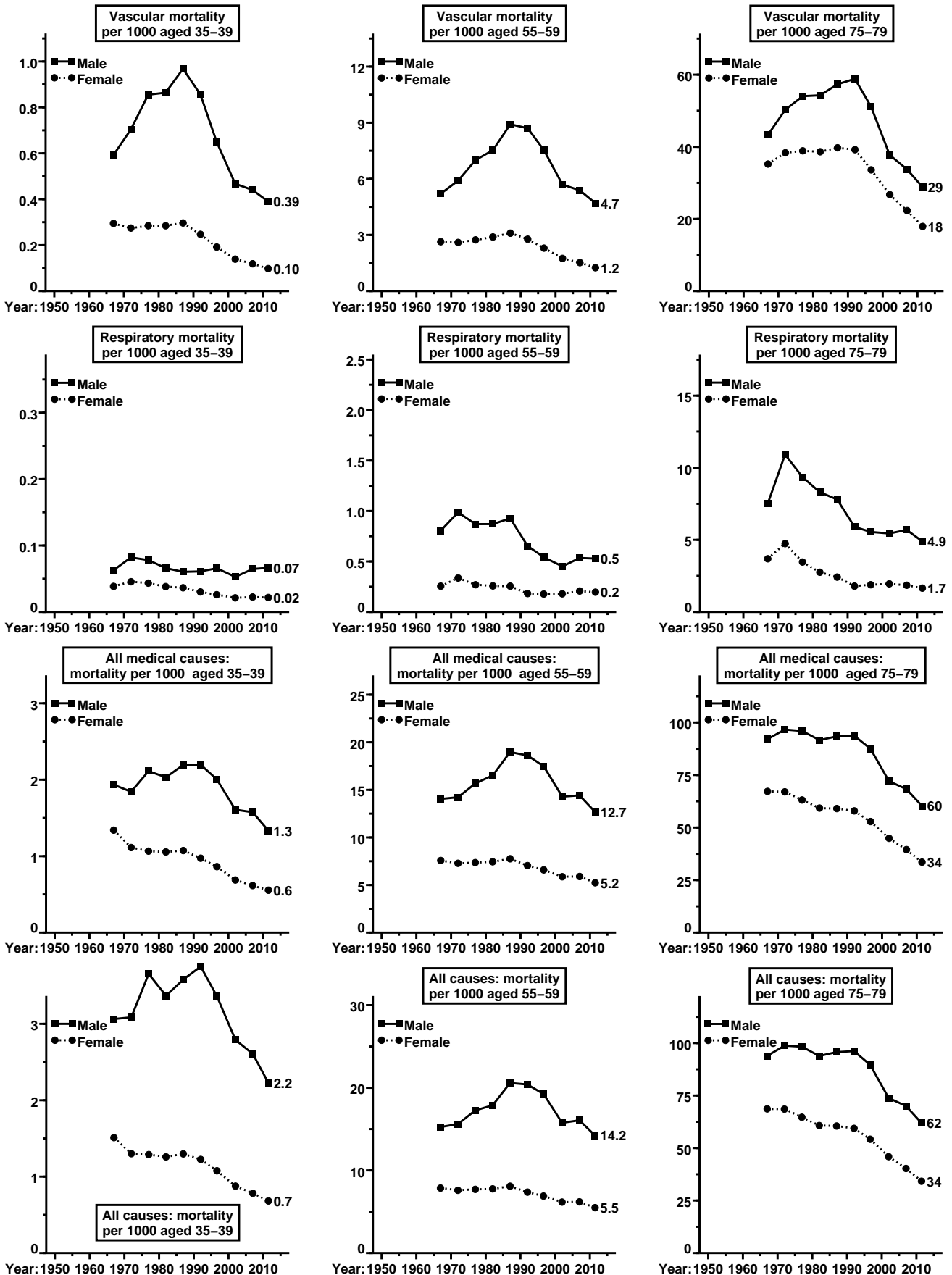
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

1965-2013: POLAND

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## PORTUGAL: 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
<b>ALL CAUSES</b>	M	54413	1238	15830	734.6	55.1	744.8	65.5	14.8	16.8	36.4	65.5	78.0	109.0
	F	51828	682	7284	426.7	32.1	307.0	69.2	10.9	8.7	19.4	34.7	31.0	50.6
Tuberculosis	M	143	2	58	2.0	0.1	2.7	-	-	-	-	-	-	0.5
	F	62	1	8	0.6	0.0	0.3	-	-	-	-	-	-	0.2
Other infective and parasitic	M	1371	78	641	20.7	3.1	27.4	1.2	0.4	0.3	0.3	0.7	5.9	13.0
	F	1091	32	220	10.0	1.3	8.8	0.8	0.4	0.4	0.4	0.3	2.3	4.5
<b>ALL CANCER</b>	M	14955	123	6010	211.7	5.5	287.8	2.8	3.7	1.7	5.8	8.0	5.9	10.4
	F	10027	129	3341	104.5	5.6	140.2	3.8	3.1	1.8	3.6	6.5	7.0	13.5
Mouth and pharynx cancer	M	577	2	415	9.6	0.1	18.8	-	-	-	-	0.3	-	0.3
	F	113	3	38	1.2	0.1	1.5	-	-	-	-	0.3	-	0.5
Oesophagus cancer	M	450	-	295	7.1	-	13.7	-	-	-	-	-	-	-
	F	82	1	23	0.8	0.0	1.0	-	-	-	-	-	0.3	-
Stomach cancer	M	1378	4	571	19.6	0.2	27.3	-	-	-	0.3	-	0.3	0.5
	F	945	6	265	9.2	0.2	11.2	-	-	-	-	0.3	0.3	1.0
Colorectal cancer	M	2226	5	739	30.1	0.2	36.4	-	-	-	-	0.3	0.3	0.8
	F	1538	6	417	14.8	0.3	17.6	-	-	0.4	0.4	-	0.6	0.5
Liver cancer	M	481	3	236	7.2	0.1	11.3	0.4	-	-	-	0.3	0.3	-
	F	173	3	38	1.6	0.1	1.6	-	-	-	-	-	0.6	0.2
Pancreas cancer	M	680	2	314	9.9	0.1	15.2	-	-	-	0.3	-	-	0.3
	F	570	-	154	5.5	-	6.7	-	-	-	-	-	-	-
Larynx cancer	M	370	-	229	5.8	-	10.6	-	-	-	-	-	-	-
	F	18	-	6	0.2	-	0.2	-	-	-	-	-	-	-
Lung cancer	M	2910	4	1474	43.2	0.1	70.9	-	-	-	-	-	0.3	0.8
	F	748	2	287	8.2	0.1	12.0	-	-	-	-	-	-	0.5
Malignant melanoma	M	126	2	65	1.9	0.1	3.1	-	-	-	-	-	-	0.5
	F	118	1	41	1.2	0.0	1.6	-	-	-	-	-	-	0.2
Female breast cancer	F	1661	22	771	19.4	0.8	31.6	-	-	-	0.4	-	1.2	4.3
Cervix cancer	F	230	5	133	2.9	0.2	5.5	-	-	-	-	-	0.6	0.8
Other uterine cancer	F	415	2	155	4.4	0.1	6.7	-	-	-	-	-	0.3	0.2
Ovarian cancer	F	362	5	159	4.2	0.2	6.8	-	-	-	-	-	0.3	1.0
Prostate cancer	M	1786	-	224	21.4	-	11.6	-	-	-	-	-	-	-
Bladder cancer	M	604	-	146	7.7	-	7.2	-	-	-	-	-	-	-
	F	207	-	25	1.6	-	1.1	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	2270	61	937	32.8	2.8	44.3	2.0	2.2	1.4	2.4	4.3	2.4	4.7
	F	1935	50	587	20.0	2.4	24.7	3.8	1.9	0.7	2.2	4.8	1.8	2.0
Hodgkin's disease	M	34	8	10	0.5	0.3	0.5	-	-	-	-	0.3	1.8	0.3
	F	26	4	9	0.3	0.2	0.4	-	-	0.4	-	-	0.6	0.2
Myeloma and non-Hodgkin lymphomas	M	620	7	210	8.6	0.3	9.9	-	-	-	0.3	0.7	0.3	0.8
	F	533	8	142	5.3	0.3	6.1	-	-	-	0.4	0.3	-	1.5
Leukaemia	M	443	25	145	6.3	1.2	7.0	0.4	1.5	0.3	2.4	1.7	0.3	1.6
	F	353	11	91	3.5	0.5	3.8	-	1.2	0.4	0.4	0.7	0.6	0.5
Diabetes	M	2024	2	382	25.5	0.1	19.0	-	-	-	-	-	-	0.5
	F	2724	3	259	21.0	0.1	11.6	-	-	0.4	0.4	-	-	0.2
<b>ALL VASCULAR DISEASE</b>	M	14962	52	2777	186.8	2.2	135.1	-	0.7	1.4	1.0	1.7	3.2	7.0
	F	18818	35	1205	134.6	1.5	52.5	1.7	-	-	0.7	3.1	2.3	3.0
Rheumatic heart disease and fever	M	58	-	19	0.8	-	0.9	-	-	-	-	-	-	-
	F	114	2	24	1.1	0.1	1.1	-	-	-	-	0.3	0.3	-
Hypertensive disease	M	708	-	75	8.4	-	3.7	-	-	-	-	-	-	-
	F	1175	1	49	8.0	0.0	2.2	-	-	-	-	-	-	0.2
Ischaemic heart disease	M	3971	12	1101	52.4	0.5	52.9	-	-	-	0.7	-	0.9	1.8
	F	3533	2	311	26.4	0.1	13.6	-	-	-	-	-	0.3	0.2
Pulmonary embolism and other venous	M	313	4	78	4.1	0.2	3.6	-	-	0.3	-	-	0.6	0.3
	F	420	5	66	3.5	0.2	2.8	-	-	-	-	0.3	0.3	0.8
Cerebrovascular disease	M	6137	15	977	75.4	0.6	48.2	-	-	0.3	-	0.7	0.9	2.3
	F	8259	11	528	59.0	0.4	23.0	-	-	-	-	0.7	1.2	1.2
Other vascular disease	M	3775	21	527	45.8	0.9	25.8	-	0.7	0.7	0.3	1.0	0.9	2.6
	F	5317	14	227	36.5	0.7	9.9	1.7	-	-	0.7	1.7	0.3	0.5
Chronic obstructive pulmonary disease	M	1786	6	211	21.4	0.3	10.6	-	-	-	0.7	0.3	0.3	0.5
	F	969	3	69	7.1	0.1	3.0	-	0.4	-	-	0.3	0.3	-
Other respiratory disease	M	4413	24	566	53.2	1.1	27.5	0.8	-	0.7	1.0	1.3	1.2	2.3
	F	4624	23	219	32.1	1.1	9.5	1.2	-	0.4	0.4	2.7	0.9	1.8
Peptic ulcer	M	114	-	29	1.5	-	1.4	-	-	-	-	-	-	-
	F	109	1	7	0.8	0.0	0.3	-	-	-	-	-	-	0.2
Liver cirrhosis	M	1070	11	730	17.5	0.4	33.0	-	-	-	-	0.3	-	2.6
	F	287	3	184	3.9	0.1	7.4	0.4	-	-	-	-	-	0.5
Renal disease	M	932	2	94	11.1	0.1	4.6	-	-	-	-	-	-	0.5
	F	1019	1	74	7.3	0.0	3.3	-	-	-	-	-	-	0.2
Pregnancy, birth	F	8	6	2	0.2	0.3	0.1	-	-	-	0.7	0.7	-	0.5
Congenital and perinatal causes	M	136	118	16	3.9	6.5	0.7	39.9	1.8	0.7	0.7	1.0	0.9	0.8
	F	149	125	24	4.5	7.3	0.9	46.2	1.6	1.5	0.4	0.3	0.6	0.5
Ill-defined causes	M	4930	217	1794	70.1	9.5	81.0	7.6	1.5	3.5	5.8	12.3	16.5	19.2
	F	5127	80	610	40.5	3.7	25.3	6.2	1.2	0.7	2.2	5.1	3.8	6.5
Other medical causes	M	4530	111	1051	59.4	5.1	49.6	7.2	2.2	3.1	3.8	5.7	4.4	9.1
	F	5334	78	633	42.9	3.6	26.8	3.8	1.6	1.5	4.0	4.8	4.7	5.0
<b>ALL NON-MEDICAL CAUSES</b>	M	3047	492	1471	49.7	21.3	64.4	6.0	4.4	5.2	17.2	34.2	39.6	42.4
	F	1480	162	429	16.8	7.2	17.2	5.0	2.7	2.2	6.8	10.9	9.1	13.8
Road traffic accidents	M	710	231	327	12.7	10.0	14.1	2.4	1.5	2.1	8.9	16.6	19.5	19.0
	F	231	58	92	3.5	2.6	3.6	0.4	1.2	0.4	3.6	4.8	4.1	3.8
Fire	M	28	-	16	0.4	-	0.7	-	-	-	-	-	-	-
	F	33	3	7	0.4	0.2	0.3	-	0.8	-	-	0.3	-	-
Suicide	M	836	86	448	13.4	3.6	19.4	-	-	0.3	3.8	5.3	5.9	9.9
	F	265	40	135	3.8	1.7	5.4	-	-	0.4	1.1	3.1	2.6	4.5
<b>POPULATION:</b>														
(1000s; UN, 2015 revision)		<b>M=male</b>			5065.1	2123.4	2357.9	250.4	271.1	286.6	291.2	301.0	338.5	384.6
		<b>F=female</b>			5519.8	2084.9	2574.5	240.0	257.9	274.6	277.9	293.7	341.6	399.1

## 2010: PORTUGAL

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			
162.1	284.4	412.8	609.6	861.5	1156.1	1727.3	2853.3	4817.6	12177.9	M	ALL CAUSES	001-999/A00-Y89
74.8	111.5	167.6	244.2	318.8	472.9	759.5	1454.1	2730.4	9850.3	F		
1.0	1.3	1.1	2.0	4.4	2.7	6.4	6.3	12.3	25.5	M	Tuberculosis	010-018, 137/
0.5	0.2	0.5	0.3	-	-	0.7	3.6	6.0	8.3	F		A15-A19, B90
23.2	30.1	30.6	27.9	20.9	25.3	33.3	57.1	82.2	205.8	M	Other infective	Rest of 001-139,279.5&6/
6.6	9.6	5.2	5.9	7.6	11.7	15.2	33.3	62.7	176.1	F	and parasitic	rest of A00-B99 excl A33,A34
24.2	67.3	132.3	230.8	357.1	502.7	700.1	999.3	1389.2	2243.0	M	ALL CANCER	140-208/C00-C97
27.6	45.5	80.4	126.9	161.4	226.5	312.8	459.8	618.9	1116.9	F		
1.2	7.5	16.7	25.3	26.6	28.0	26.1	27.2	21.8	33.1	M	Mouth and	140-149/C00-C14
0.2	1.5	1.5	1.9	1.1	1.5	3.0	4.0	5.2	14.3	F	pharynx cancer	
0.5	3.0	8.3	14.0	19.7	29.1	21.6	21.8	24.6	34.2	M	Oesophagus cancer	150/C15
-	0.2	0.2	1.1	0.8	1.8	2.7	4.0	4.0	11.0	F		
1.7	8.1	12.4	22.4	31.3	49.0	66.6	100.6	123.5	195.5	M	Stomach cancer	151/C16
3.1	4.3	5.7	8.6	10.8	17.7	28.1	42.4	64.3	118.3	F		
4.0	5.6	12.6	17.2	39.1	67.9	108.3	163.2	233.0	382.8	M	Colorectal cancer	153, 154/C18-C21
2.8	5.1	10.0	14.0	19.8	32.4	39.0	71.3	95.7	202.6	F		
0.5	1.3	5.7	12.8	13.1	18.6	26.9	40.8	38.0	45.6	M	Liver cancer	155.0/C22 excl C221
-	0.5	0.5	1.1	1.4	3.3	4.7	10.1	12.9	21.5	F		
0.2	3.5	4.8	11.6	19.7	28.0	38.5	48.0	59.2	82.5	M	Pancreas cancer	157/C25
-	0.2	2.2	5.9	6.5	11.4	20.7	32.2	35.0	71.5	F		
0.5	3.8	9.7	10.5	13.1	16.9	19.6	20.9	24.0	28.2	M	Larynx cancer	161/C32
-	-	0.5	-	0.3	0.3	0.7	0.4	0.8	2.7	F		
3.5	11.3	28.8	59.1	98.2	121.0	174.8	223.0	252.0	265.5	M	Lung cancer	162/C33, C34
0.7	2.8	9.0	15.6	11.3	19.2	25.4	40.9	53.1	63.8	F		
0.7	0.8	2.1	1.5	3.4	4.4	8.8	9.5	10.6	10.3	M	Malignant melanoma	172/C43
0.9	1.5	1.2	1.3	1.7	2.7	2.0	3.3	8.8	13.4	F		
9.0	12.4	22.5	34.9	41.1	48.8	52.9	65.5	78.0	146.9	F	Female breast cancer	174/C50
1.9	3.8	4.2	5.1	5.7	5.4	12.2	6.9	8.4	15.5	F	Cervix cancer	180/C53
0.5	1.3	2.5	3.5	7.1	13.8	18.3	23.5	23.7	39.9	F	Other uterine cancer	179, 182/C54, C55
0.2	1.3	3.5	6.7	8.2	11.1	16.3	19.9	24.5	24.4	F	Ovarian cancer	183/C56, C570-C574
-	0.3	1.6	2.9	8.8	22.3	45.3	83.4	204.5	549.5	M	Prostate cancer	185/C61
1.0	1.6	1.1	3.5	7.5	13.5	22.4	33.5	64.8	145.5	M	Bladder cancer	188/C67
-	0.2	-	1.1	1.7	3.0	1.4	6.2	13.7	39.0	F		
6.9	17.2	21.5	34.9	55.7	72.6	101.0	136.9	218.5	314.4	M	Other and ill-defined	Rest of 140-199/
6.4	7.6	13.2	17.2	32.3	36.6	60.0	79.7	125.9	228.0	F	cancer sites	rest of C00-C80, C97
0.5	-	0.3	0.6	0.3	-	1.6	3.2	2.8	2.2	M	Hodgkin's disease	201/C81
0.5	-	-	-	0.8	-	1.4	2.5	0.8	1.2	F		
0.7	2.7	4.0	8.7	14.7	20.9	17.2	50.8	73.2	86.9	M	Myeloma and non-	200, 202-203/
0.5	1.0	2.2	6.4	5.7	11.4	15.2	32.6	38.2	59.0	F	Hodgkin lymphomas	C82-C90, C96
2.2	0.8	2.7	5.8	5.9	10.5	21.2	36.7	38.6	66.8	M	Leukaemia	204-208/C91-C95
0.9	1.8	1.2	2.7	5.1	6.3	8.8	14.5	25.7	43.8	F		
0.2	2.4	7.5	7.6	19.7	34.5	61.4	148.7	234.2	484.9	M	Diabetes	250/E10-E14
0.9	0.5	2.2	6.2	9.1	16.2	45.8	105.7	191.8	504.5	F		
13.8	28.4	48.7	97.2	152.0	222.3	383.3	739.1	1455.2	4288.4	M	ALL VASCULAR	390-459/I00-I99
6.8	9.9	18.7	31.1	44.7	82.7	173.5	421.4	946.6	4189.7	F	DISEASE	
0.2	0.8	0.3	0.3	0.6	1.7	2.4	4.1	4.5	11.9	M	Rheumatic heart	390-398/I00-I09
-	-	-	0.8	0.8	2.1	3.7	5.4	8.0	15.8	F	disease and fever	
-	0.8	0.5	2.9	4.1	7.1	10.4	28.6	65.9	245.4	M	Hypertensive disease	401-405/I10-I15
-	-	0.5	1.3	2.3	3.0	8.1	19.6	50.7	281.6	F		
4.2	12.1	22.1	45.4	64.4	88.2	133.9	227.9	389.5	900.3	M	Ischaemic heart	410-414/I20-I25
1.4	2.8	5.7	8.3	9.1	20.4	47.5	99.9	211.1	720.8	F	disease	
0.7	0.8	2.1	3.5	5.3	6.4	6.4	17.7	32.4	72.8	M	Pulmonary embolism	415.1, 451-453/
1.6	2.0	1.2	1.3	2.3	3.6	7.1	11.9	32.2	70.3	F	and other venous	126, 180-182
4.7	9.4	14.0	30.9	49.4	78.0	150.8	300.0	623.1	1828.8	M	Cerebrovascular	430-438/I60-I69
2.4	3.5	9.2	14.2	20.9	35.1	75.6	187.2	419.8	1835.3	F	disease	
4.0	4.6	9.7	14.3	28.1	40.9	79.4	160.9	339.8	1229.3	M	Other vascular	Rest of 390-459/
1.4	1.5	2.0	5.1	9.3	18.6	31.5	97.4	224.8	1265.8	F	disease	rest of I00-I99
0.2	1.1	0.5	5.5	12.8	19.9	34.1	86.6	189.4	564.1	M	Chronic obstructive	490-496/
0.2	0.5	2.0	2.1	2.5	4.8	8.5	23.9	51.1	209.8	F	pulmonary disease	J40-J47, J67
4.7	5.6	12.4	20.7	29.1	34.5	85.8	162.7	391.2	1500.8	M	Other respiratory	Rest of 460-519/
2.4	1.3	4.2	4.3	8.5	15.6	30.2	77.8	203.5	1090.9	F	disease	rest of J00-J98
-	0.3	1.6	0.9	2.5	1.0	3.2	7.2	10.6	27.1	M	Peptic ulcer	531-533/K25-K27
-	-	0.5	0.3	0.6	-	0.7	2.5	6.0	23.5	F		
7.7	18.5	22.6	38.7	46.3	49.3	47.7	66.6	64.3	36.4	M	Liver cirrhosis	571/K70, K74
2.4	4.5	7.2	6.4	11.6	9.3	10.5	10.1	13.7	11.3	F		
0.5	1.3	1.9	4.1	4.4	4.7	15.2	42.6	74.3	330.7	M	Renal disease	580-590/N00-N19
-	0.2	0.2	2.7	2.0	5.7	12.2	16.3	53.9	228.0	F		
0.5	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.7	0.5	-	1.5	0.9	0.7	0.4	0.5	0.6	-	F	Congenital and	740-779/A33,
0.9	2.0	2.0	0.5	0.6	-	-	-	-	-	F	perinatal causes	P00-P96, Q00-Q99
31.6	51.8	65.6	69.9	94.1	115.5	138.7	203.0	330.8	1020.2	M	Ill-defined causes	780-799/R00-R99
9.9	14.2	17.2	19.9	22.4	36.0	57.6	109.3	199.5	1084.4	F		
10.4	19.6	28.5	39.3	54.4	73.3	121.9	224.3	430.9	1141.3	M	Other medical causes	Rest of 001-799/
6.4	10.4	12.5	19.3	29.2	43.1	66.4	149.9	308.4	1025.7	F		rest of A00-R99
43.7	56.1	59.4	63.5	62.9	69.6	95.8	109.2	152.6	309.5	M	ALL NON-	E800-E999/V01-Y89
9.7	12.6	14.5	18.2	18.7	21.3	25.4	40.2	68.4	181.2	F	MEDICAL CAUSES	
13.6	13.9	13.2	14.8	11.9	10.5	20.4	22.2	25.7	30.9	M	Road traffic	E810-E819, E826-E829/
2.4	2.5	5.0	2.7	4.2	3.0	5.8	9.1	12.1	7.8	F	accidents	part of V01-V99, Y850
0.2	0.5	0.5	0.3	0.6	1.7	1.2	0.5	1.7	4.3	M	Fire	E890-E899/X00-X09
0.2	0.5	-	0.3	0.3	0.3	0.3	0.4	3.6	3.9	F		
11.9	19.3	18.6	20.1	22.5	18.9	24.9	30.4	53.1	76.0	M	Suicide	E950-E959/X60-X84
3.1	3.8	4.7	6.7	4.8	7.8	6.8	9.4	10.1	11.6	F		
404.6	372.7	371.9	343.5	319.8	296.0	249.4	220.7	178.9	184.2	M	POPULATION	
423.9	395.6	400.4	372.6	353.2	333.7	295.1	276.2	248.7	335.6	F	(1000s; UN, 2015 revision)	

<b>PORTUGAL: 2010</b>
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**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	– / 0.7	–
35–69	4.2 / 16	0.3 / 7.4	25 years
70+	4.6 / 37	0.8 / 43	7 years
<b>All ages</b>	<b>8.8 / 54</b>	<b>1.1 / 52</b>	<b>15 years</b>

**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	1.3/1.4	1.1/1.4	2.4/2.8	–/0.0	0.1/0.3	0.1/0.4	0.2/0.8
All Cancer	–/0.1	2.1/6.0 (36%)	1.7/8.7 (19%)	3.8/15	–/0.1	0.1/3.4 (4%)	0.2/6.6 (2%)	0.3/10
Vascular	–/0.0	0.9/2.8	1.2/12	2.1/15	–/0.0	0.1/1.3	0.3/17	0.4/19
Respiratory	–/0.0	0.3/0.8	1.2/5.6	1.5/6.4	–/0.0	0.0/0.3	0.2/5.5	0.3/5.9
All Other	–/1.1	0.9/6.2	0.5/11	1.4/18	–/0.5	0.1/2.4	0.1/14	0.2/17
<b>All Causes</b>	<b>–/1.3</b>	<b>4.2/16 (27%)</b>	<b>4.6/37 (12%)</b>	<b>8.8/54</b>	<b>–/0.7</b>	<b>0.3/7.4 (4%)</b>	<b>0.8/43 (2%)</b>	<b>1.1/52</b>

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

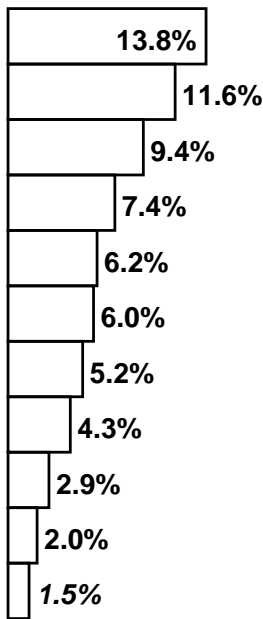
Cause	Male	Female	Male + Female
All Cancer	3.8 / 15 (26%)	0.3 / 10 (3%)	4.1 / 25 (16%)
All Causes	8.8 / 54 (16%)	1.1 / 52 (2%)	9.9 / 105 (9%)



1965-2015<sup>‡</sup>: PORTUGAL

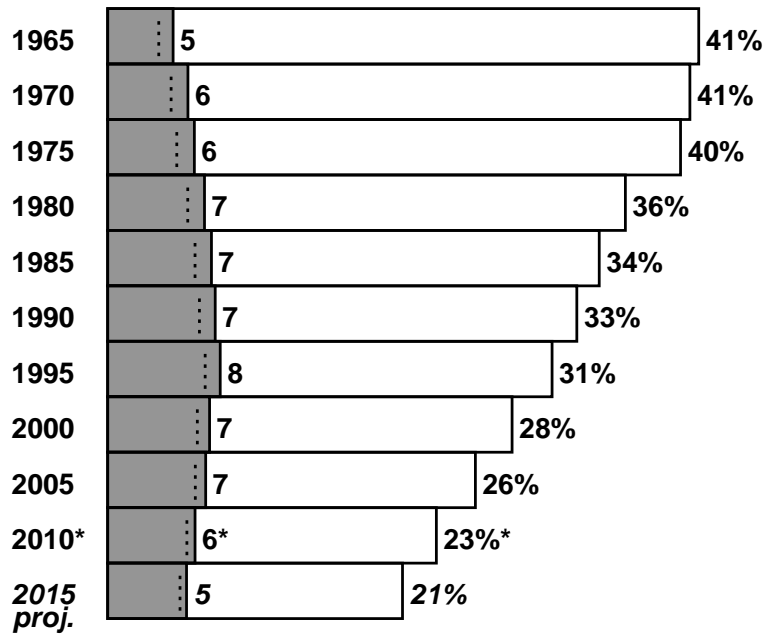
<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

Population risk of dying at ages 0–34



MALE

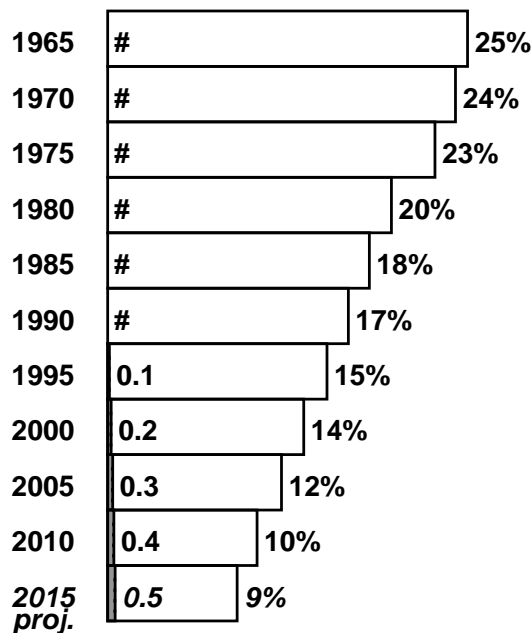
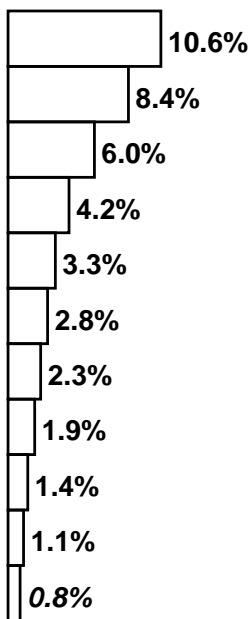
Population risk of a 35-year-old dying at ages 35–69 from smoking (shaded) or from any cause (shaded and white)



\*eg, at year 2010 male death rates, out of 100 men aged 35, 23 would die before age 70 (with 6 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



# Real risk too low to estimate reliably

**PORTUGAL: 1960-2015<sup>†</sup>**<sup>†</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population**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	– / 0.8	– / 0.4	–
35–69	3.9 / 15	0.4 / 6.7	<b>25 years</b>
70+	4.3 / 37	1.1 / 45	7 years
<b>All ages</b>	<b>8.2 / 52</b>	<b>1.5 / 52</b>	<b>15 years</b>

**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	–/13	2.0/18 <b>(11%)</b>	0.6/19 <b>(3%)</b>	2.6/50	–/9.8	0.0/12	0.0/26	0.0/47
1975	–/7.6	3.1/20 <b>(15%)</b>	1.4/23 <b>(6%)</b>	4.5/51	–/4.8	0.0/12	0.0/30	0.0/47
1985	–/4.7	4.0/19 <b>(21%)</b>	3.0/27 <b>(11%)</b>	7.0/50	–/2.4	0.0/10	0.0/33	0.0/46
1995	–/3.8	4.8/19 <b>(25%)</b>	4.0/32 <b>(13%)</b>	8.8/55	–/1.5	0.1/9.7 <b>(0.8%)</b>	0.2/38 <b>(0.5%)</b>	0.3/50
2005	–/2.1	4.5/17 <b>(27%)</b>	4.8/36 <b>(13%)</b>	9.4/55	–/0.9	0.2/8.2 <b>(3%)</b>	0.6/43 <b>(1%)</b>	0.8/52
2015 <i>proj.</i>	–/0.8	3.9/15 <b>(27%)</b>	4.3/37 <b>(12%)</b>	8.2/52	–/0.4	0.4/6.7 <b>(6%)</b>	1.1/45 <b>(3%)</b>	1.5/52

**60-year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 432 / 6076**

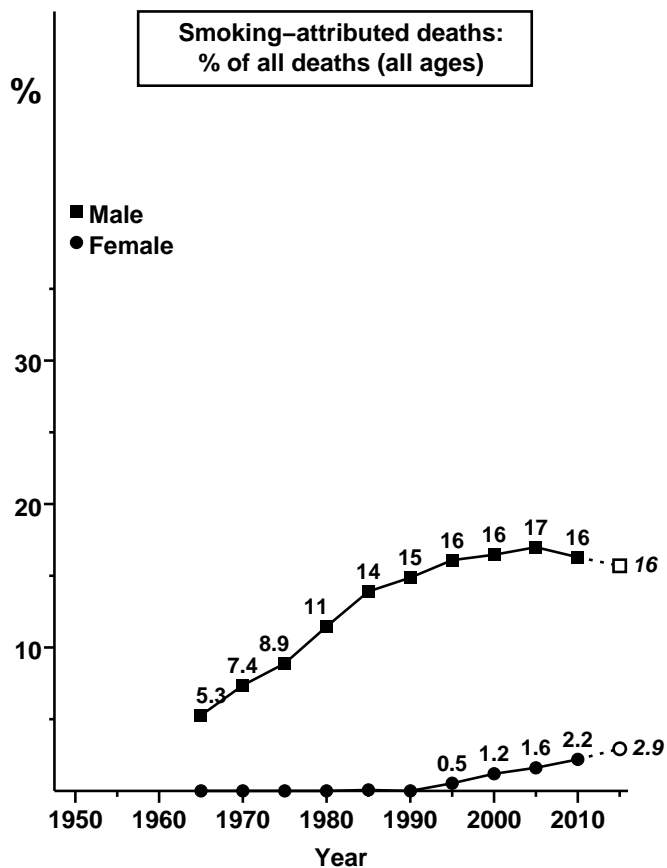
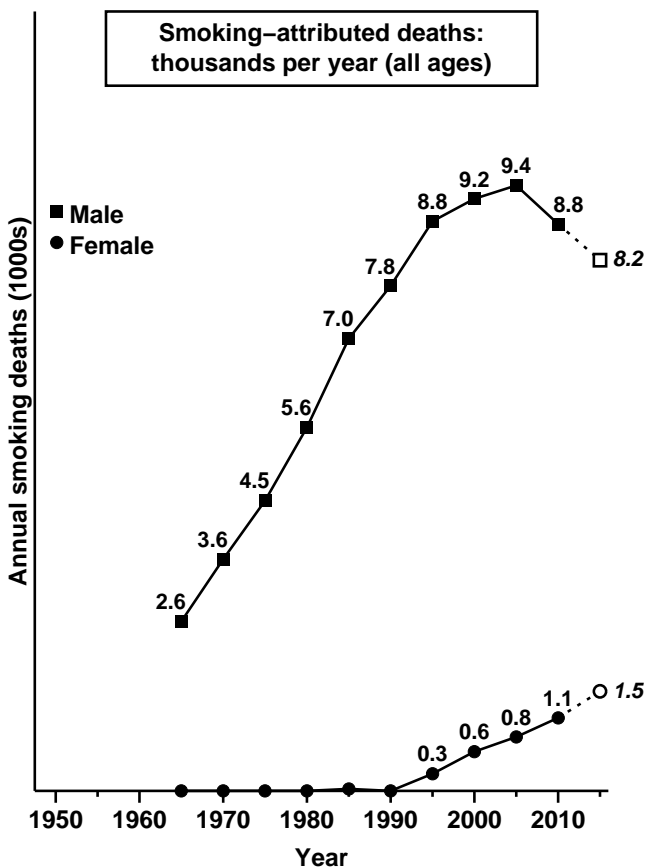
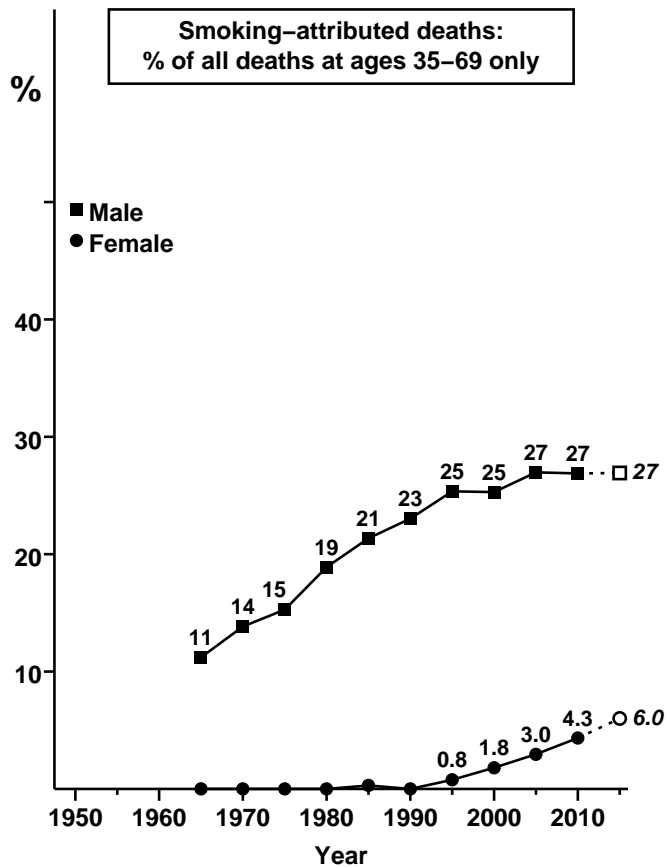
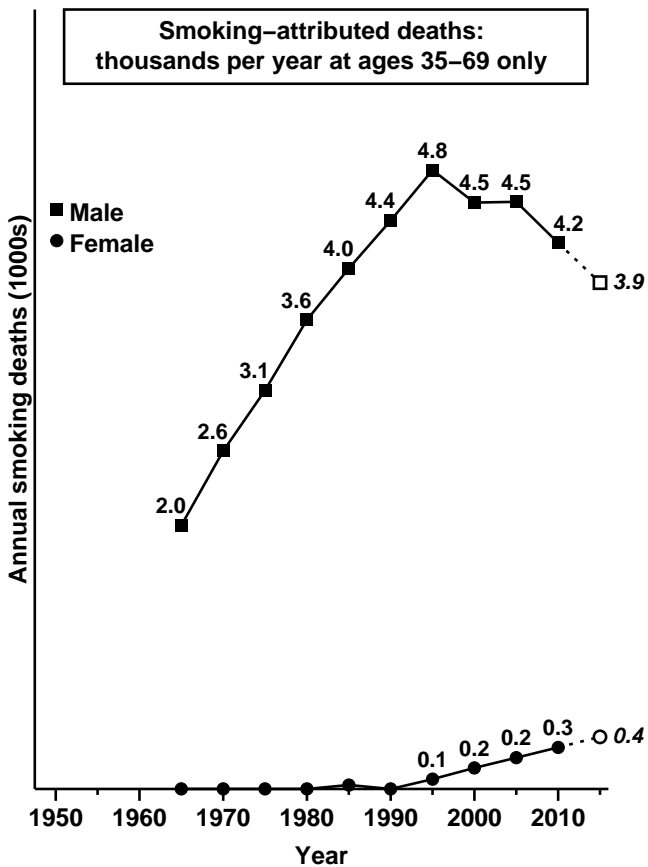
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/320	224/1077 <b>(21%)</b>	181/1736 <b>(10%)</b>	406/3133	–/199	7.5/593 <b>(1%)</b>	19/2151 <b>(0.9%)</b>	27/2943
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1965-2015<sup>‡</sup>: PORTUGAL

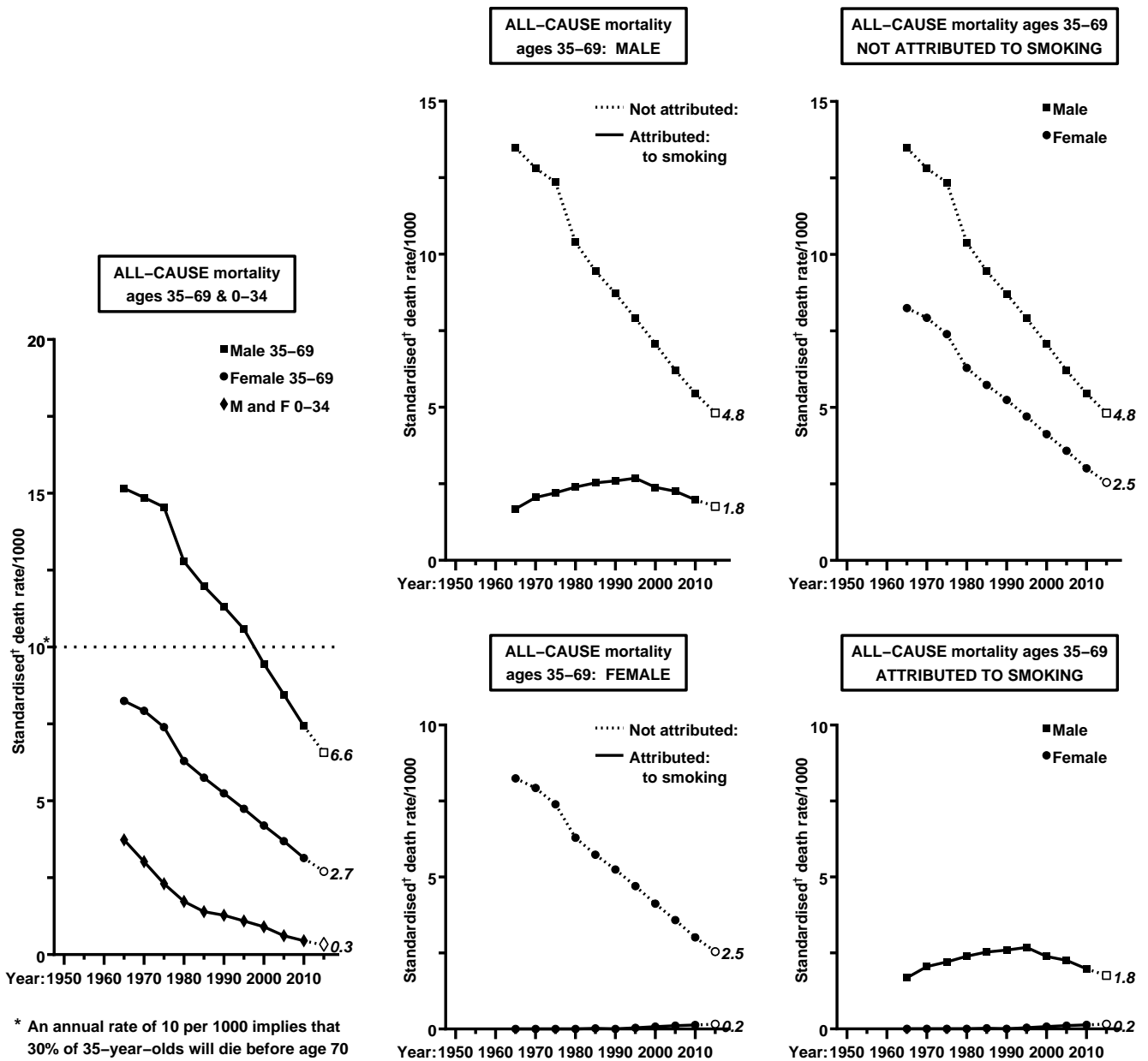
<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



**PORTUGAL: 1965-2015†**

‡2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

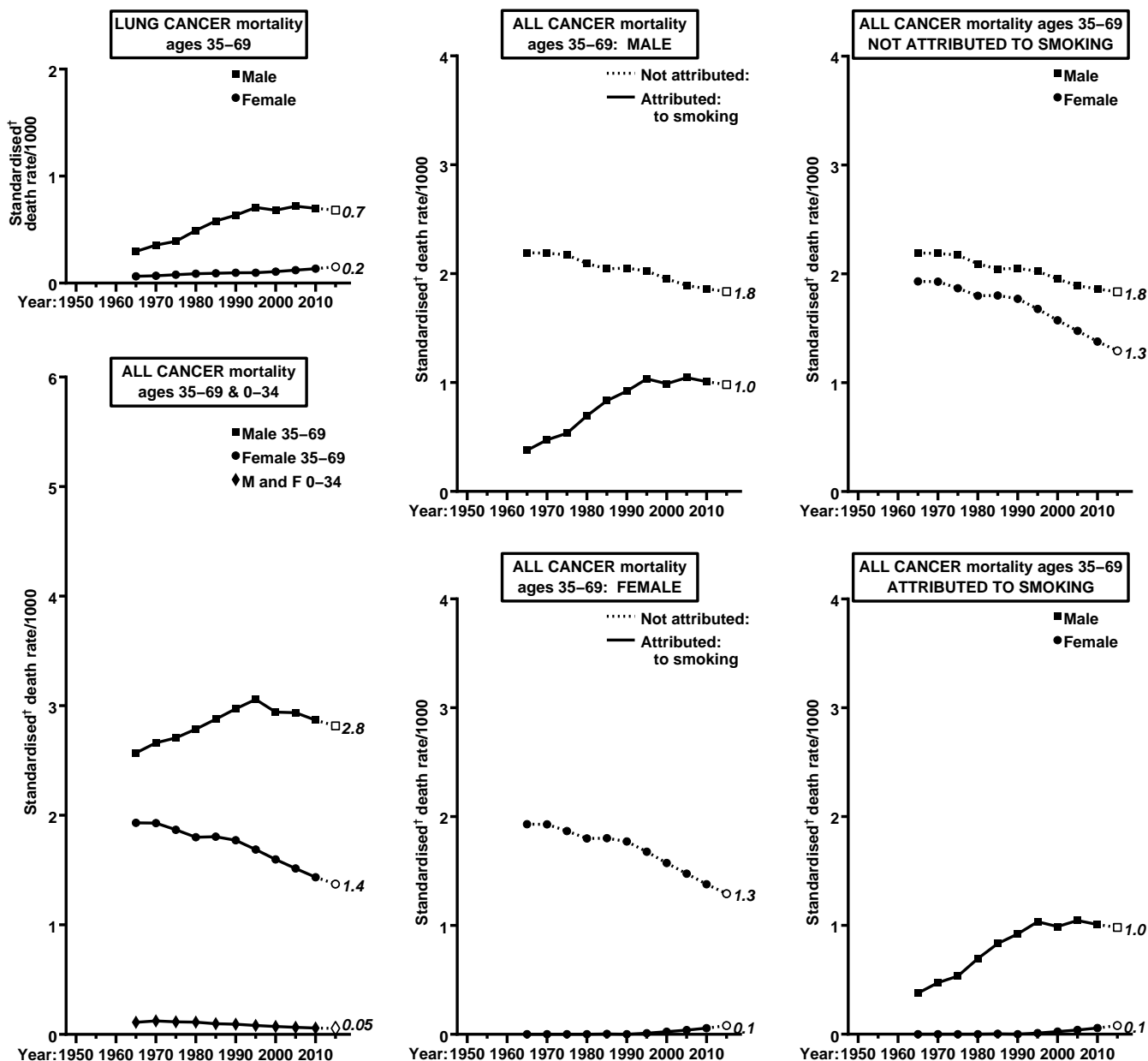
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	4.24	1.68	13.5	3.02	81.3	-	3.22	0.00	8.24	0.00	60.2	-	2.50	0.00	61.0
1970	-	3.54	2.05	12.8	4.77	81.5	-	1.77	0.00	7.39	0.00	55.8	-	1.24	0.00	46.8
1975	-	2.83	2.20	12.3	5.80	78.1	-	0.96	0.02	5.73	0.00	41.5	-	0.80	0.00	38.3
1980	-	2.21	2.39	10.4	6.69	65.5	-	0.66	0.04	4.70	0.28	34.1	-	0.54	0.38	30.1
1985	-	1.83	2.53	9.45	8.27	58.9	-	0.40	0.11	3.58	0.46	25.7	-	0.31	0.44	20.7
1990	-	1.75	2.59	8.71	8.28	54.4	-	0.24	0.13	3.01	0.44	20.7	-	0.16	0.44	16.7
1995	-	1.53	2.68	7.90	8.24	49.8	-	0.24	0.16	2.54	0.44	16.7	-	0.24	0.16	2.54
2000	-	1.27	2.38	7.07	8.15	44.8	-	0.24	0.16	2.54	0.44	16.7	-	0.24	0.16	2.54
2005	-	0.83	2.25	6.20	7.06	39.3	-	0.24	0.16	2.54	0.44	16.7	-	0.24	0.16	2.54
2010	-	0.58	1.97	5.45	5.57	32.6	-	0.24	0.16	2.54	0.44	16.7	-	0.24	0.16	2.54
2015	-	0.42	1.76	4.81	4.52	27.2	-	0.24	0.16	2.54	0.44	16.7	-	0.24	0.16	2.54

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

1965-2015<sup>†</sup>: PORTUGAL

<sup>‡</sup>2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

ALL CANCER mortality rates attributed and not attributed to smoking



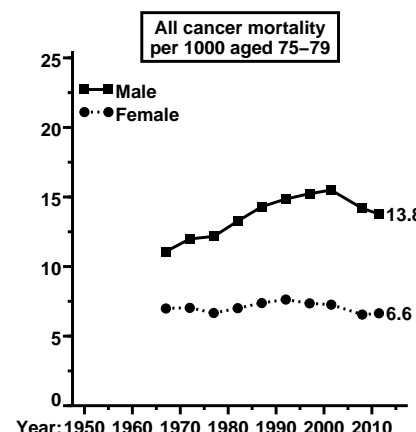
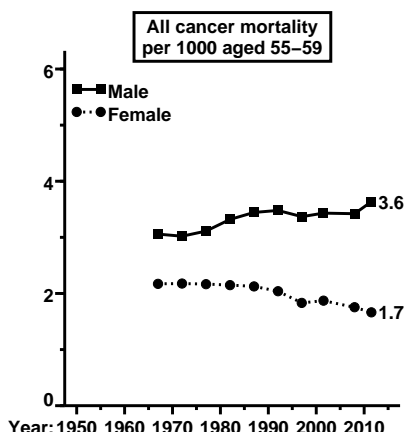
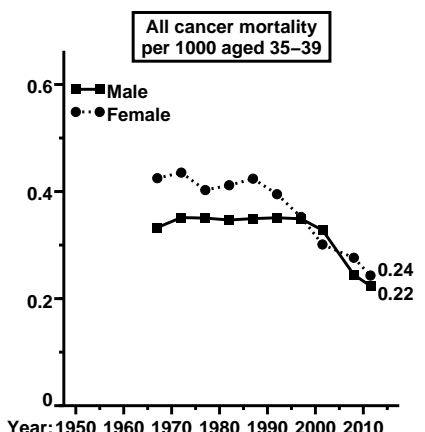
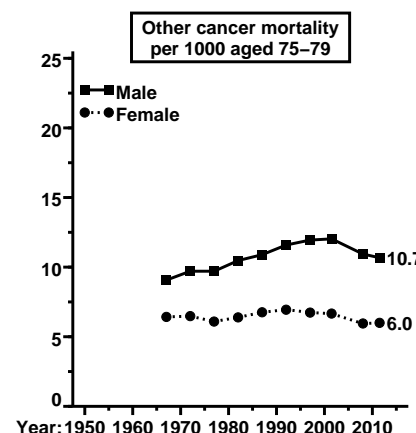
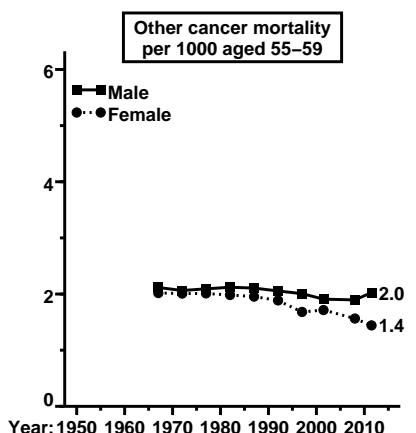
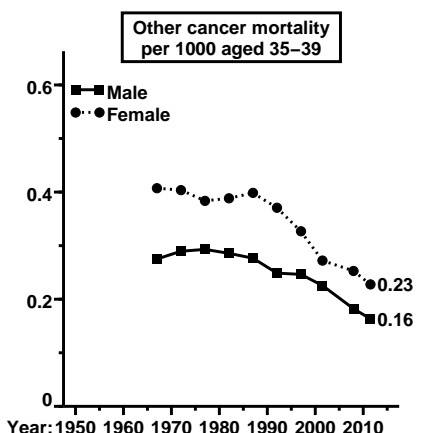
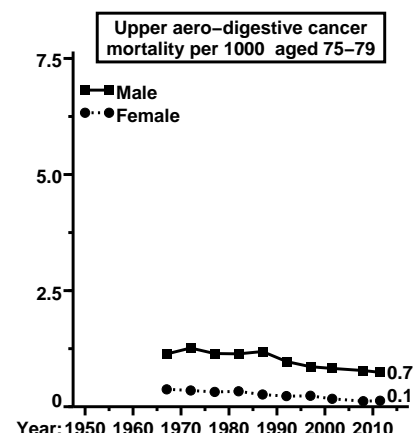
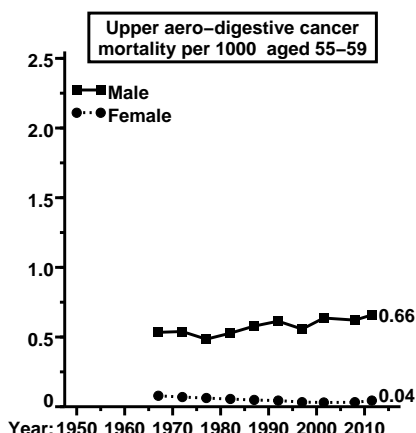
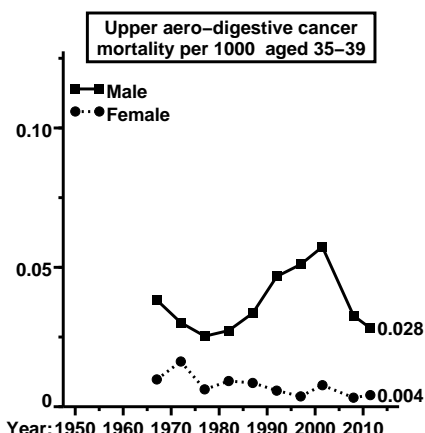
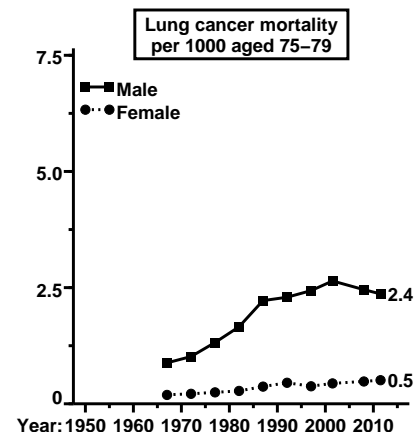
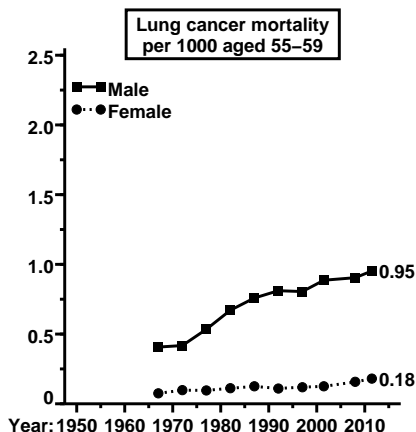
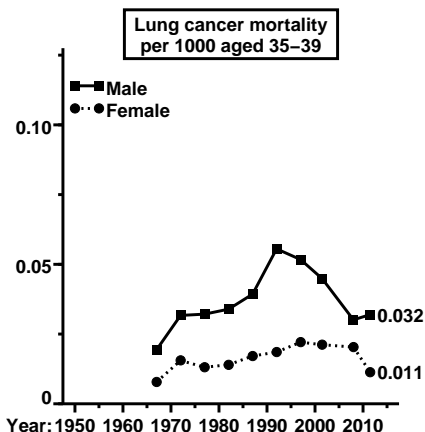
<sup>†</sup> Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.12	0.38	2.19	0.60	9.02	-	0.10	0.00	1.93	0.00	6.12
1970	-	0.13	0.47	2.19	0.97	9.59	-	0.12	0.00	1.93	0.00	6.43
1975	-	0.12	0.53	2.17	1.23	9.58	-	0.11	0.00	1.87	0.00	6.14
1980	-	0.12	0.69	2.09	1.69	9.58	-	0.10	0.00	1.80	0.00	6.05
1985	-	0.10	0.83	2.04	2.40	9.77	-	0.09	0.00	1.80	0.00	6.28
1990	-	0.10	0.92	2.05	2.63	10.1	-	0.09	0.00	1.77	0.00	6.67
1995	-	0.08	1.03	2.02	2.83	10.3	-	0.08	0.01	1.68	0.06	6.30
2000	-	0.08	0.99	1.95	3.07	10.2	-	0.07	0.02	1.57	0.09	6.10
2005	-	0.07	1.04	1.89	2.97	9.78	-	0.06	0.04	1.48	0.13	5.85
2010	-	0.06	1.01	1.86	2.65	9.25	-	0.05	0.06	1.38	0.15	5.43
2015	-	0.06	0.98	1.83	2.40	8.80	-	0.05	0.08	1.29	0.17	5.05

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

**PORTUGAL: 1965-2013**

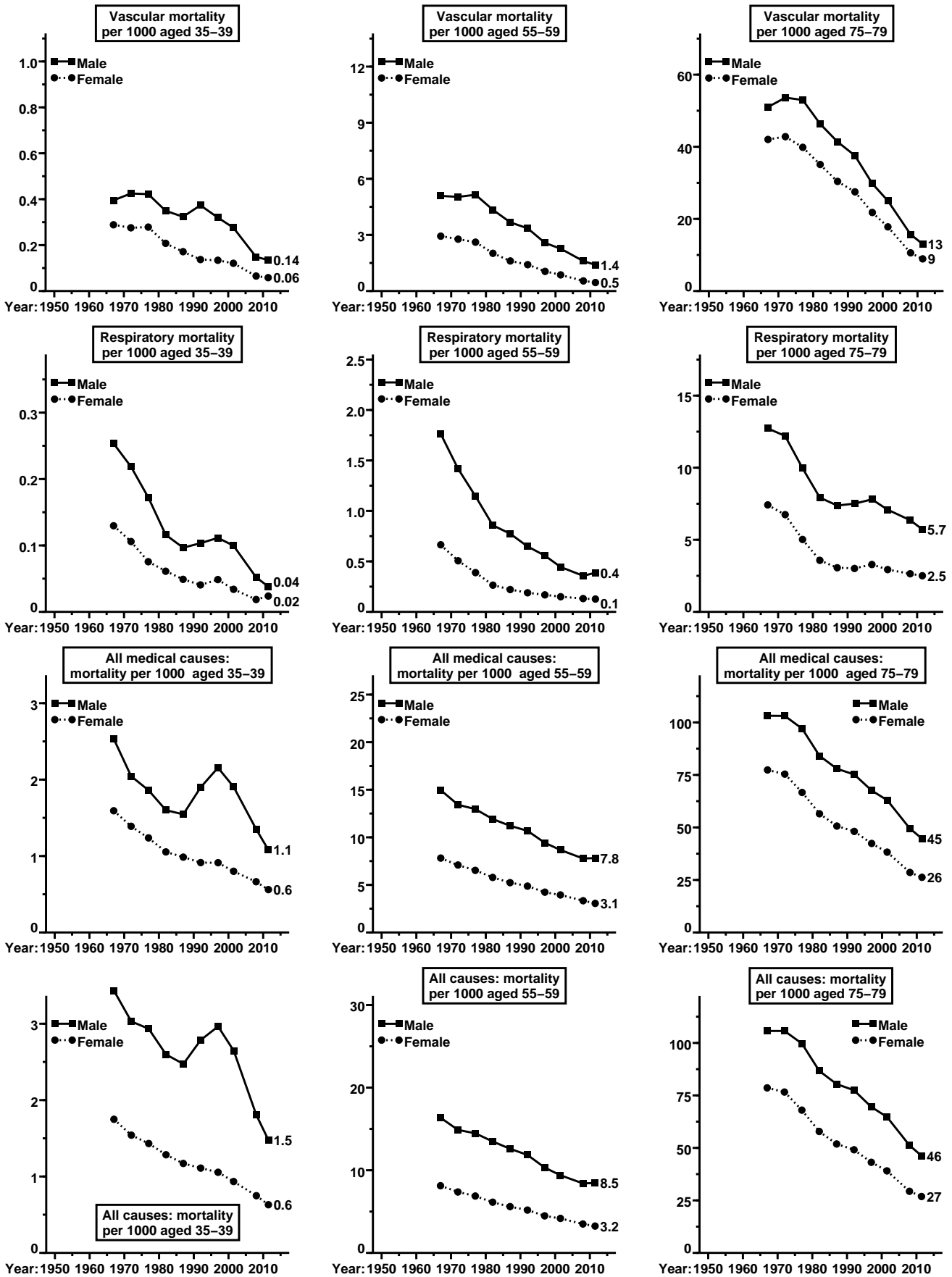
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 4-year average 2010–13

1965-2013: PORTUGAL

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## ROMANIA: 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
<b>ALL CAUSES</b>	M	137957	5139	57164	1192.8	113.8	1477.2	262.5	30.6	30.3	67.6	113.5	122.8	169.8
	F	121766	2562	26846	692.8	62.9	627.2	210.3	22.5	21.6	35.7	41.1	48.4	60.5
<b>Tuberculosis</b>	M	1249	79	1003	11.7	1.5	22.8	0.6	-	-	0.2	1.8	1.8	6.4
	F	233	31	135	1.9	0.7	3.0	0.2	-	0.2	0.4	1.2	1.3	1.4
<b>Other infective and parasitic</b>	M	531	96	225	4.8	2.1	5.6	4.8	0.6	0.5	0.9	6.2	0.7	1.1
	F	461	87	146	3.4	2.1	3.3	6.0	1.0	0.9	0.9	3.6	0.9	1.3
<b>ALL CANCER</b>	M	28151	389	15643	247.9	8.2	408.8	5.9	4.8	3.9	5.0	8.9	10.6	18.4
	F	19156	332	8954	128.1	7.3	202.8	5.8	3.1	3.0	5.2	5.0	11.0	17.9
<b>Mouth and pharynx cancer</b>	M	1728	9	1422	16.1	0.2	34.2	-	-	-	0.2	-	-	1.0
	F	248	2	127	1.7	0.1	2.8	0.2	-	-	-	-	-	0.1
<b>Oesophagus cancer</b>	M	564	2	405	5.1	0.0	10.2	-	-	-	-	-	-	0.3
	F	111	-	50	0.7	-	1.1	-	-	-	-	-	-	-
<b>Stomach cancer</b>	M	2355	16	1205	20.5	0.3	32.5	0.2	0.4	-	-	0.3	0.5	1.0
	F	1184	11	433	7.3	0.2	10.3	-	-	-	0.2	0.1	0.5	0.8
<b>Colorectal cancer</b>	M	3073	26	1341	26.2	0.5	36.8	-	-	-	0.2	0.6	1.3	1.5
	F	2362	15	841	14.4	0.3	19.7	-	-	-	-	0.1	1.3	0.8
<b>Liver cancer</b>	M	1697	17	936	14.9	0.4	24.8	0.7	0.2	-	0.2	0.6	0.3	0.6
	F	944	11	354	5.9	0.2	8.3	0.4	-	-	-	0.1	0.6	0.5
<b>Pancreas cancer</b>	M	1494	8	843	13.2	0.1	22.1	-	-	-	-	-	0.1	0.9
	F	1142	2	422	7.1	0.0	10.0	-	-	-	-	-	0.2	0.1
<b>Larynx cancer</b>	M	912	-	696	8.4	-	17.6	-	-	-	-	-	-	-
	F	53	1	27	0.4	0.0	0.6	-	-	-	-	0.1	-	-
<b>Lung cancer</b>	M	7705	28	4980	68.8	0.5	129.5	0.2	-	-	0.3	0.6	0.1	2.5
	F	1951	10	993	13.1	0.2	22.6	-	-	-	-	0.3	0.3	0.8
<b>Malignant melanoma</b>	M	189	7	114	1.7	0.1	2.7	-	-	-	-	-	0.6	0.4
	F	174	6	95	1.2	0.1	2.0	-	-	-	-	0.1	0.6	0.1
<b>Female breast cancer</b>	F	3153	25	1706	21.8	0.5	37.8	-	-	-	-	0.1	0.6	2.6
<b>Cervix cancer</b>	F	1739	39	1166	13.3	0.8	25.1	-	-	-	-	0.3	1.4	3.6
<b>Other uterine cancer</b>	F	552	5	295	3.8	0.1	6.7	-	-	-	-	-	0.3	0.4
<b>Ovarian cancer</b>	F	995	8	565	7.0	0.1	12.9	-	-	-	-	-	0.2	0.9
<b>Prostate cancer</b>	M	2007	-	441	16.4	-	13.5	-	-	-	-	-	-	-
<b>Bladder cancer</b>	M	1114	2	399	9.3	0.0	11.4	-	-	-	-	-	-	0.3
	F	277	-	71	1.6	-	1.7	-	-	-	-	-	-	-
<b>Other and ill-defined cancer sites</b>	M	4044	172	2267	36.0	3.7	57.8	3.0	3.0	2.1	2.7	4.7	3.9	6.6
	F	3273	110	1390	21.7	2.6	31.6	2.5	2.3	1.9	2.9	1.9	2.7	3.8
<b>Hodgkin's disease</b>	M	70	13	36	0.7	0.3	0.9	-	-	-	0.2	0.4	0.6	0.6
	F	47	7	23	0.4	0.1	0.5	-	-	-	0.4	0.1	0.3	0.3
<b>Myeloma and non- Hodgkin lymphomas</b>	M	538	33	287	4.8	0.7	7.5	0.2	0.2	0.5	0.2	0.7	1.5	1.5
	F	472	34	212	3.2	0.7	4.9	0.2	0.2	0.2	0.4	1.0	1.1	2.0
<b>Leukaemia</b>	M	661	56	271	5.8	1.3	7.3	1.7	1.1	1.2	1.0	1.2	1.6	1.0
	F	479	46	184	3.4	1.1	4.2	2.5	0.6	0.9	1.4	0.4	0.9	1.0
<b>Diabetes</b>	M	1095	10	509	9.4	0.2	13.8	-	-	-	-	-	-	1.3
	F	1355	7	392	7.9	0.1	9.4	-	-	-	0.2	0.1	0.5	0.3
<b>ALL VASCULAR DISEASE</b>	M	73993	323	21763	614.3	6.4	591.0	2.4	0.4	1.4	1.4	6.3	11.5	21.6
	F	82366	157	10301	421.3	3.3	252.7	1.8	0.4	0.9	2.0	3.5	5.4	9.4
<b>Rheumatic heart disease and fever</b>	M	176	5	80	1.6	0.1	2.1	-	-	0.5	-	-	0.1	0.1
	F	220	2	79	1.4	0.1	1.9	-	-	-	0.4	-	-	-
<b>Hypertensive disease</b>	M	11312	17	2601	92.4	0.3	73.6	-	-	-	-	-	0.6	1.7
	F	15672	9	1682	78.9	0.2	42.0	-	-	-	-	0.4	0.2	0.7
<b>Ischaemic heart disease</b>	M	27021	125	9467	227.2	2.4	251.8	-	-	-	-	3.1	4.8	8.9
	F	26276	34	3635	135.6	0.7	88.5	-	-	-	0.2	1.0	0.9	2.6
<b>Pulmonary embolism and other venous</b>	M	434	9	217	3.8	0.2	5.7	-	-	-	-	0.4	-	0.8
	F	446	8	174	2.8	0.2	4.1	-	-	-	-	-	0.3	0.8
<b>Cerebrovascular disease</b>	M	22490	73	6039	185.4	1.5	169.7	1.3	-	-	0.3	1.8	3.1	3.8
	F	26815	53	3586	138.4	1.1	89.1	0.4	-	0.4	0.4	1.2	2.8	2.7
<b>Other vascular disease</b>	M	12560	94	3359	103.9	1.9	88.1	1.1	0.4	0.9	1.0	1.0	2.8	6.2
	F	12937	51	1145	64.2	1.1	27.1	1.4	0.4	0.6	1.1	0.9	1.1	2.6
<b>Chronic obstructive pulmonary disease</b>	M	3895	19	1250	32.6	0.4	34.4	0.2	-	0.5	0.5	0.3	0.6	0.8
	F	2007	11	294	10.5	0.2	7.0	0.2	0.2	0.2	-	0.1	0.3	0.7
<b>Other respiratory disease</b>	M	4167	614	1862	39.0	15.1	46.3	70.7	5.0	2.3	6.5	5.5	6.7	8.7
	F	2663	463	692	19.8	12.3	15.7	65.8	4.1	2.4	2.9	4.2	4.1	2.6
<b>Peptic ulcer</b>	M	339	9	197	3.0	0.2	5.0	-	-	-	-	0.1	0.1	0.9
	F	186	2	58	1.1	0.1	1.3	-	-	0.2	0.2	-	-	-
<b>Liver cirrhosis</b>	M	6905	132	5097	63.3	2.5	125.1	-	-	-	0.2	3.0	4.2	10.3
	F	4077	37	2486	29.3	0.7	56.1	-	-	-	-	0.3	1.6	3.3
<b>Renal disease</b>	M	1228	32	462	10.4	0.7	12.1	1.3	0.4	0.3	0.2	0.3	0.9	1.5
	F	1115	28	369	6.9	0.7	8.8	0.2	0.6	0.6	1.1	0.4	1.1	0.7
<b>Pregnancy, birth Congenital and perinatal causes</b>	F	51	32	19	0.5	0.7	0.3	-	-	-	1.1	0.6	1.6	1.6
	M	787	768	15	11.4	20.2	0.3	138.8	0.7	-	0.7	0.4	0.3	0.4
	F	553	544	7	8.5	15.1	0.2	101.8	1.2	0.6	0.9	0.4	0.6	-
<b>Ill-defined causes</b>	M	1271	239	787	11.9	4.9	17.5	3.5	0.6	0.5	1.7	5.2	10.4	12.2
	F	787	96	408	6.0	2.1	8.8	1.9	0.4	0.2	2.7	2.8	3.6	3.4
<b>Other medical causes</b>	M	4785	331	2307	42.6	7.5	57.3	14.0	5.0	4.2	6.2	6.0	7.3	9.6
	F	3938	194	1211	24.7	4.7	27.6	7.8	4.3	3.5	4.3	4.1	4.3	4.4
<b>ALL NON- MEDICAL CAUSES</b>	M	9561	2098	6044	90.5	44.0	137.3	20.3	13.3	16.5	44.2	69.6	67.7	76.7
	F	2818	541	1374	22.9	12.8	30.1	18.7	7.4	8.9	13.8	14.7	12.2	13.7
<b>Road traffic accidents</b>	M	1729	606	919	16.6	12.6	20.8	3.3	3.0	3.4	14.2	26.3	20.2	18.1
	F	535	155	233	4.6	3.6	5.1	2.3	2.7	2.2	4.7	5.0	4.4	3.8
<b>Fire</b>	M	232	35	128	2.1	0.8	3.1	0.9	0.4	0.5	0.7	0.6	0.9	1.4
	F	165	18	50	1.1	0.5	1.2	1.8	0.2	0.2	0.4	0.3	-	0.4
<b>Suicide</b>	M	2304	451	1579	21.7	9.1	34.9	-	-	1.9	9.9	16.3	15.6	20.2
	F	462	79	275	3.8	1.7	6.0	-	-	0.9	3.4	2.8	1.7	3.3
<b>POPULATION:</b>			<b>M=male</b>		9860	4420	4527	542	542	565	583	731	672	784
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		10439	4204	4791	513	515	537	552	687	634	767



## 2010: ROMANIA

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		
253.1	422.7	777.0	1255.7	1718.6	2367.2	3546.3	5130.3	7416.3	13963.7	M	ALL CAUSES 001-999/A00-Y89
101.5	170.3	299.1	448.7	655.5	1009.8	1705.7	2709.6	5039.5	12420.2	F	
11.0	16.7	26.8	30.1	26.8	24.3	23.9	19.8	18.0	16.2	M	Tuberculosis 010-018, 137/
2.5	1.8	3.8	3.0	2.5	2.5	4.6	3.0	6.0	5.4	F	A15-A19, B90
2.4	2.4	3.3	4.9	7.0	7.0	11.9	19.8	25.1	25.3	M	Other infective Rest of 001-139,279.5& 6/
2.1	0.6	2.1	2.1	2.9	6.5	7.1	9.2	15.9	24.1	F	and parasitic rest of A00-B99 excl A33,A34
29.4	69.5	174.7	355.7	518.0	729.0	985.2	1248.7	1350.9	1415.9	M	ALL CANCER 140-208/C00-C97
37.9	66.0	120.2	181.2	247.3	325.2	442.0	562.8	704.6	817.6	F	
2.3	9.1	24.9	48.1	51.8	54.5	49.1	39.1	27.2	28.5	M	Mouth and 140-149/C00-C14
0.5	1.5	2.6	3.9	3.2	4.0	3.5	4.6	8.3	12.8	F	pharynx cancer
0.2	1.4	4.9	12.4	14.9	17.7	19.6	20.9	14.2	15.0	M	Oesophagus cancer 150/C15
0.3	0.2	0.3	1.6	1.6	1.4	2.3	3.4	5.3	4.3	F	
1.9	5.4	12.1	25.4	32.8	60.8	89.1	112.4	138.6	125.5	M	Stomach cancer 151/C16
1.2	2.3	4.4	6.8	10.1	16.6	30.5	38.7	60.7	58.1	F	
2.3	6.8	10.5	19.6	40.0	69.0	109.0	155.3	200.2	218.8	M	Colorectal cancer 153, 154/C18-C21
2.6	4.3	7.2	13.5	21.1	34.7	54.7	75.7	110.9	134.4	F	
1.0	3.2	10.3	21.0	30.3	44.5	63.1	87.5	82.8	70.8	M	Liver cancer 155.0/C22 excl C221
0.3	1.4	3.8	5.9	8.8	15.5	22.8	32.0	45.0	45.7	F	
1.8	3.4	10.7	19.5	25.5	41.4	52.5	67.5	70.7	74.4	M	Pancreas cancer 157/C25
1.4	2.1	6.3	7.9	7.9	16.5	28.0	42.3	48.4	60.5	F	
0.8	2.4	8.1	20.8	25.8	29.6	35.8	26.7	20.2	22.9	M	Larynx cancer 161/C32
0.3	0.5	-	0.4	0.9	0.8	1.2	1.9	1.9	1.4	F	
5.6	14.9	47.1	114.5	185.5	238.8	299.9	352.6	296.7	207.8	M	Lung cancer 162/C33, C34
1.9	5.0	10.3	20.0	30.1	40.1	50.7	59.1	69.9	70.0	F	
1.4	1.1	2.1	2.7	3.4	4.2	4.2	6.6	7.4	8.7	M	Malignant melanoma 172/C43
0.5	1.1	0.9	2.5	2.2	4.6	2.5	4.2	4.2	7.0	F	
7.1	14.4	25.0	39.0	52.4	56.4	70.6	78.0	92.2	130.8	F	Female breast cancer 174/C50
9.2	15.3	26.5	27.2	32.9	33.7	30.9	37.9	36.4	36.5	F	Cervix cancer 180/C53
0.4	1.8	4.4	4.8	9.6	11.1	15.0	16.1	18.4	18.2	F	Other uterine cancer 179, 182/C54, C55
1.9	4.0	6.6	11.5	15.8	19.5	30.9	30.8	34.4	22.3	F	Ovarian cancer 183/C56, C570-C574
-	-	1.1	3.8	8.5	25.6	55.4	101.0	164.4	284.5	M	Prostate cancer 185/C61
-	1.0	1.9	5.7	11.7	20.6	38.7	63.0	80.6	97.8	M	Bladder cancer 188/C67
0.1	0.1	0.7	1.6	1.8	2.4	5.0	8.1	12.0	24.3	F	
9.6	16.7	32.9	51.9	69.1	99.0	125.2	160.8	184.6	188.0	M	Other and ill-defined Rest of 140-199/
6.9	8.8	18.0	26.8	38.3	52.9	69.3	97.1	121.5	156.9	F	cancer sites rest of C00-C80, C97
-	0.1	1.1	1.3	1.0	1.1	1.9	1.6	3.5	2.0	M	Hodgkin's disease 201/C81
0.1	0.2	0.5	0.7	0.7	0.5	0.8	0.7	1.9	1.1	F	
1.6	1.9	3.1	5.5	9.8	10.1	20.4	24.3	22.6	24.5	M	Myeloma and non- 200, 202-203/
1.7	1.5	1.4	3.1	5.0	9.2	12.3	16.3	17.8	12.8	F	Hodgkin lymphomas C82-C90, C96
0.9	2.0	3.9	3.5	7.8	12.0	21.2	29.4	37.1	46.7	M	Leukaemia 204-208/C91-C95
1.6	1.4	1.4	3.9	4.9	5.4	10.9	15.9	15.4	20.7	F	
1.5	2.3	3.5	8.6	16.5	23.8	40.3	48.9	73.9	72.0	M	Diabetes 250/E10-E14
0.3	0.6	1.8	4.4	10.3	19.8	28.6	49.0	69.7	84.8	F	
48.4	105.5	227.9	401.5	629.2	999.7	1724.8	2883.4	4822.8	10830.3	M	ALL VASCULAR 390-459/I00-I99
14.4	36.5	67.0	128.0	210.5	420.7	891.6	1681.1	3667.9	10464.9	F	DISEASE
0.4	0.6	1.8	2.0	1.4	3.3	5.3	7.4	8.1	15.8	M	Rheumatic heart 390-398/I00-I09
0.4	0.2	0.7	0.9	2.1	2.7	6.3	5.7	11.1	13.3	F	disease and fever
3.2	7.7	16.8	41.2	72.9	122.2	251.4	473.5	809.8	1825.9	M	Hypertensive disease 401-405/I10-I15
1.2	3.1	8.9	18.2	35.1	65.6	162.0	314.3	725.1	2039.0	F	
23.7	50.4	112.1	188.8	286.3	431.9	669.3	1007.8	1599.5	3599.6	M	Ischaemic heart 410-414/I20-I25
5.0	13.5	24.1	46.1	77.3	154.4	299.0	536.6	1128.9	3303.4	F	disease
1.4	1.3	3.3	4.2	5.4	10.3	13.8	17.7	21.6	31.7	M	Pulmonary embolism 415.1, 451-453/
0.8	1.4	2.6	2.4	3.4	7.6	10.4	12.7	18.4	25.2	F	and other venous 126, 180-182
9.8	22.6	49.2	92.0	161.5	295.1	557.7	985.5	1654.6	3155.2	M	Cerebrovascular 430-438/I60-I69
5.2	11.5	20.9	39.8	66.1	147.5	332.6	624.9	1344.1	3109.2	F	disease
10.0	23.0	44.7	73.2	101.7	136.8	227.3	391.5	729.2	2202.2	M	Other vascular Rest of 390-459/
1.8	6.9	9.8	20.5	26.7	42.9	81.2	186.9	440.3	1974.9	F	disease rest of I00-I99
2.9	4.5	11.7	25.6	35.5	52.3	108.2	175.1	265.6	480.0	M	Chronic obstructive 490-496/
1.2	2.0	2.4	3.9	6.1	11.9	21.7	41.2	88.3	244.4	F	pulmonary disease J40-J47, J67
15.8	20.7	30.5	41.8	50.8	70.3	94.1	120.9	179.3	287.7	M	Other respiratory Rest of 460-519/
5.8	6.7	10.3	13.0	15.9	23.0	35.1	54.6	90.9	181.2	F	disease rest of J00-J98
1.3	1.2	2.5	5.4	6.3	7.4	10.9	13.2	14.8	16.2	M	Peptic ulcer 531-533/K25-K27
0.4	0.4	0.5	0.8	1.6	2.2	3.5	4.6	6.7	16.0	F	
22.9	43.6	93.0	137.5	170.9	185.6	222.2	215.6	185.3	133.4	M	Liver cirrhosis 571/K70, K74
6.9	14.7	34.4	51.9	76.6	90.9	117.5	119.0	106.8	94.1	F	
3.0	1.9	4.7	8.2	13.7	24.3	28.9	55.3	73.2	125.8	M	Renal disease 580-590/N00-N19
1.6	2.5	3.7	5.0	7.4	13.9	28.0	36.3	46.6	70.0	F	
1.7	0.7	-	-	-	-	-	-	-	-	M	Pregnancy, birth 630-676/A34, O00-O99
0.6	0.2	0.2	0.7	0.1	0.2	-	0.5	-	0.8	F	Congenital and 740-779/A33,
0.1	0.1	0.3	-	-	0.3	0.2	0.2	0.2	-	F	perinatal causes P00-P96, Q00-Q99
13.7	17.9	21.4	20.8	15.8	14.9	18.0	20.1	21.2	43.1	M	Ill-defined causes 780-799/R00-R99
5.6	7.2	8.0	8.4	8.0	12.7	11.5	11.8	14.1	34.9	F	
16.7	22.1	42.0	57.0	66.3	82.3	114.8	156.3	230.9	357.3	M	Other medical causes Rest of 001-799/
5.4	9.2	18.0	21.7	32.1	46.4	60.1	86.0	163.1	301.6	F	rest of A00-R99
83.2	114.0	134.7	158.1	161.8	146.2	163.1	152.6	155.2	159.5	M	ALL NON- 800-E999/V01-Y89
15.8	21.2	26.5	25.5	34.3	33.7	54.1	50.8	58.8	81.2	F	MEDICAL CAUSES
16.0	17.2	19.6	24.6	21.9	21.4	24.7	20.6	23.3	23.7	M	Road traffic E810-E819, E826-E829/
2.6	4.5	4.9	3.9	5.8	4.1	10.0	8.7	10.8	11.5	F	accidents part of V01-V99, Y850
1.1	1.9	2.1	3.7	3.7	3.1	5.8	3.2	9.2	12.3	M	Fire E890-E899/X00-X09
0.7	0.6	1.2	0.7	0.9	0.5	3.8	3.7	6.9	10.3	F	
25.5	33.6	39.1	40.9	41.9	31.5	31.6	31.7	24.8	33.2	M	Suicide E950-E959/X60-X84
4.3	5.0	6.1	5.1	5.8	6.0	9.4	8.7	6.5	7.0	F	
789	836	571	709	702	543	377	378	283	253	M	POPULATION
772	816	573	746	773	631	479	565	434	444	F	(1000s; UN, 2015 revision)

## ROMANIA: 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	– / 5.1	– / 2.5	–
35–69	22 / 56	3.1 / 27	22 years
70+	13 / 74	4.7 / 91	8 years
All ages	35 / 135	7.8 / 120	16 years

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

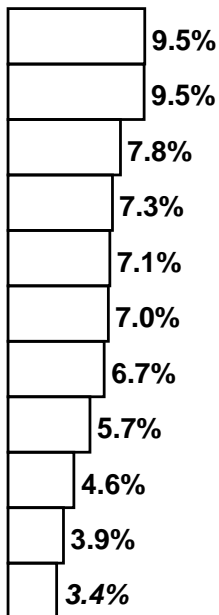
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	4.7/5.0	2.3/2.7	7.0/7.7	–/0.0	0.6/1.0	0.5/0.9	1.1/2.0
All Cancer	–/0.4	8.0/16 (51%)	3.4/12 (29%)	11/28	–/0.3	0.8/9.1 (9%)	0.6/9.8 (6%)	1.4/19
Vascular	–/0.3	11/21	7.3/51	18/72	–/0.2	1.8/10	3.3/71	5.1/81
Respiratory	–/0.6	1.9/3.1	1.9/4.4	3.9/8.1	–/0.5	0.3/1.0	0.7/3.2	1.0/4.7
All Other	–/3.7	1.9/16	0.4/7.2	2.3/27	–/1.6	0.3/6.2	0.1/7.2	0.4/15
All Causes	–/5.1	22/56 (40%)	13/74 (18%)	35/135	–/2.5	3.1/27 (12%)	4.7/91 (5%)	7.8/120

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

Cause	Male	Female	Male + Female
All Cancer	11 / 28 (40%)	1.4 / 19 (7%)	13 / 47 (27%)
All Causes	35 / 135 (26%)	7.8 / 120 (7%)	43 / 255 (17%)

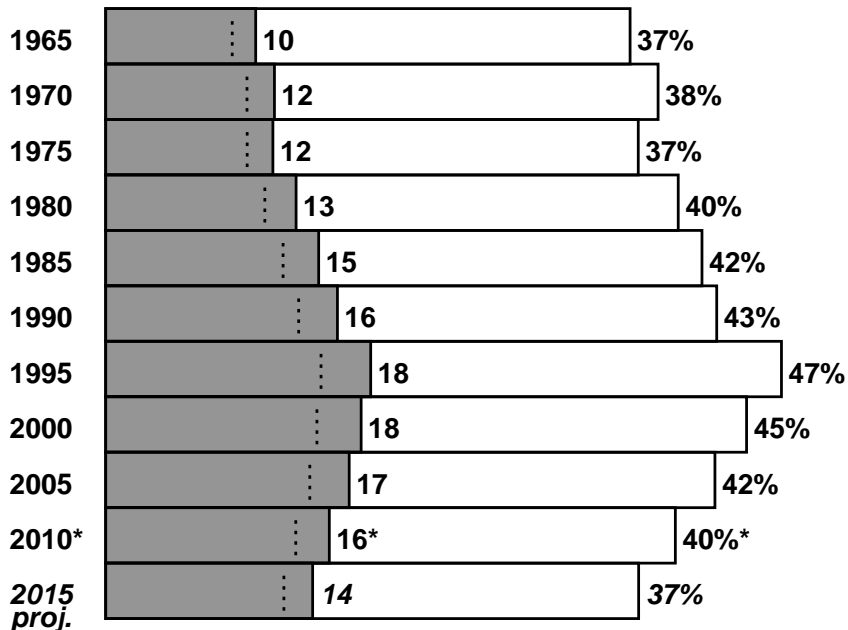
1965-2015: ROMANIA

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

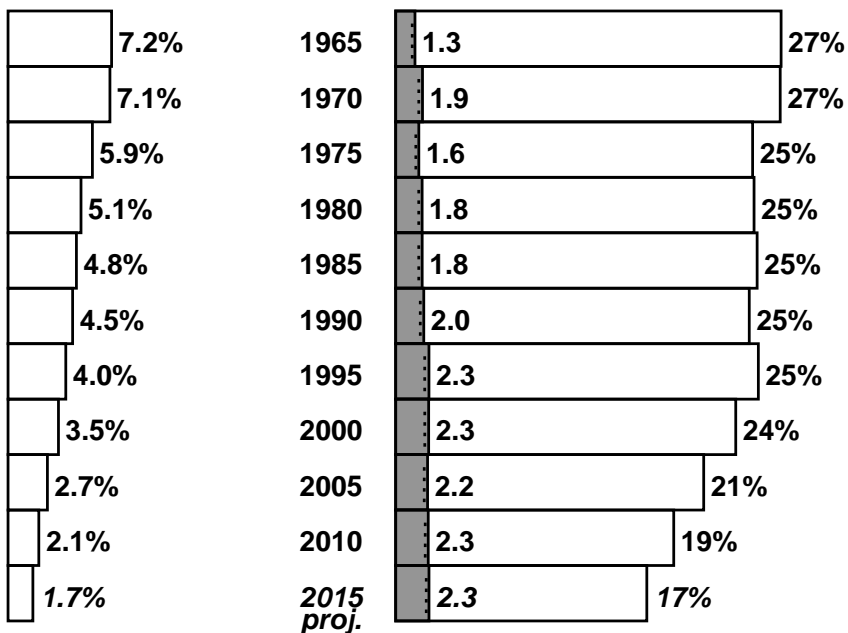


\*eg, at year 2010 male death rates, out of 100 men aged 35, 40 would die before age 70 (with 16 of these deaths attributed to smoking)

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

**Note: For smoking-attributed mortality (pages 384–391), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## ROMANIA: 1960-2015

*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	– / 3.8	– / 1.8	–
35–69	22 / 55	3.4 / 26	22 years
70+	14 / 71	5.3 / 88	8 years
All ages	36 / 130	8.7 / 116	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	–/16	10/35 (29%)	3.5/30 (12%)	14/80	–/11	1.4/27 (5%)	0.3/41 (0.8%)	1.7/79
1975	–/15	13/43 (31%)	6.3/45 (14%)	20/103	–/11	1.9/30 (6%)	0.7/57 (1%)	2.7/98
1985	–/13	20/53 (38%)	6.5/61 (11%)	27/128	–/8.6	2.4/32 (7%)	0.6/74 (0.8%)	3.0/115
1995	–/11	30/75 (40%)	7.8/63 (12%)	37/149	–/5.8	3.5/38 (9%)	2.3/81 (3%)	5.8/125
2005	–/6.6	24/61 (40%)	11/71 (15%)	35/138	–/3.5	3.2/31 (10%)	3.8/87 (4%)	7.0/122
2015 proj.	–/3.8	22/55 (39%)	14/71 (20%)	36/130	–/1.8	3.4/26 (13%)	5.3/88 (6%)	8.7/116

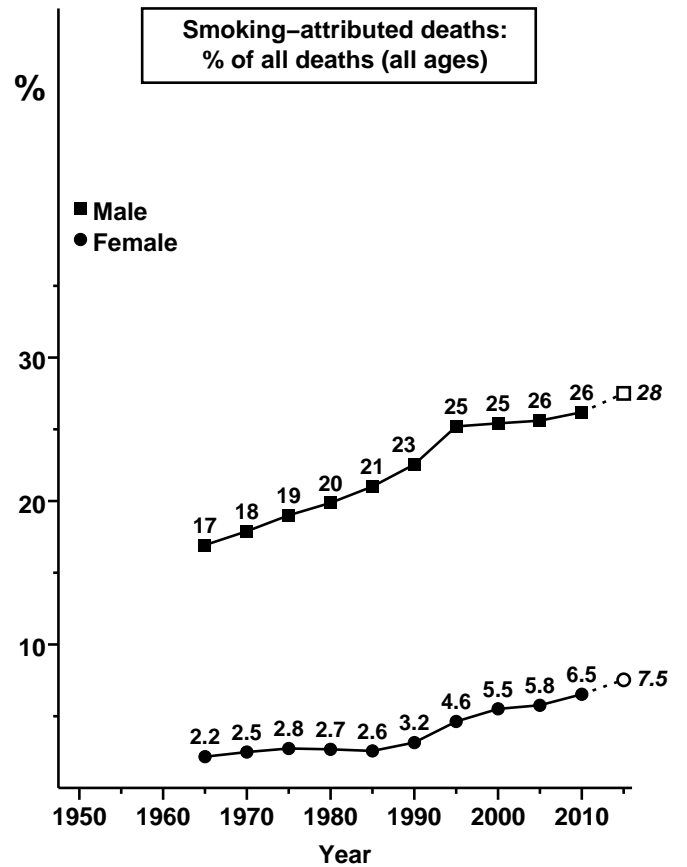
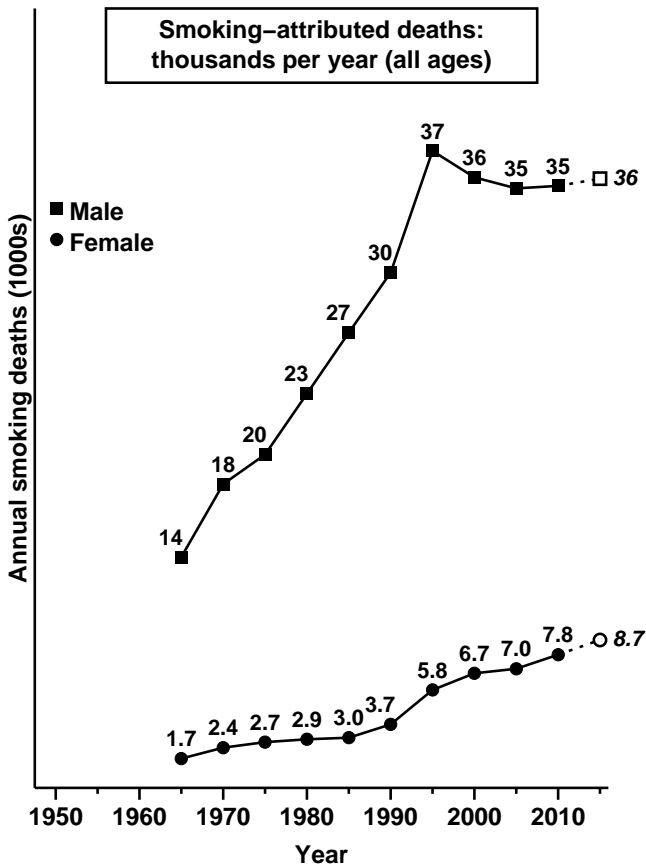
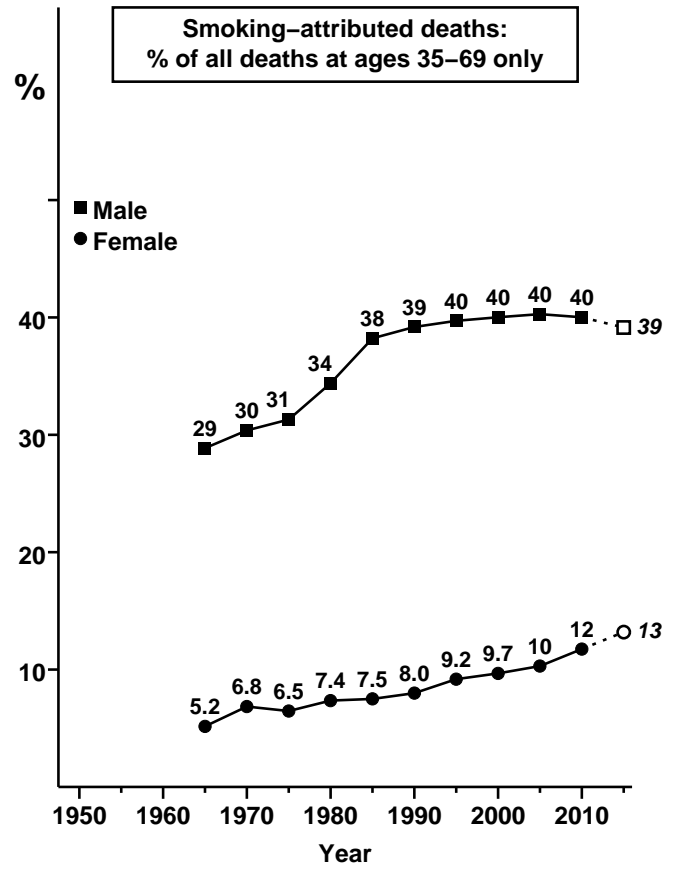
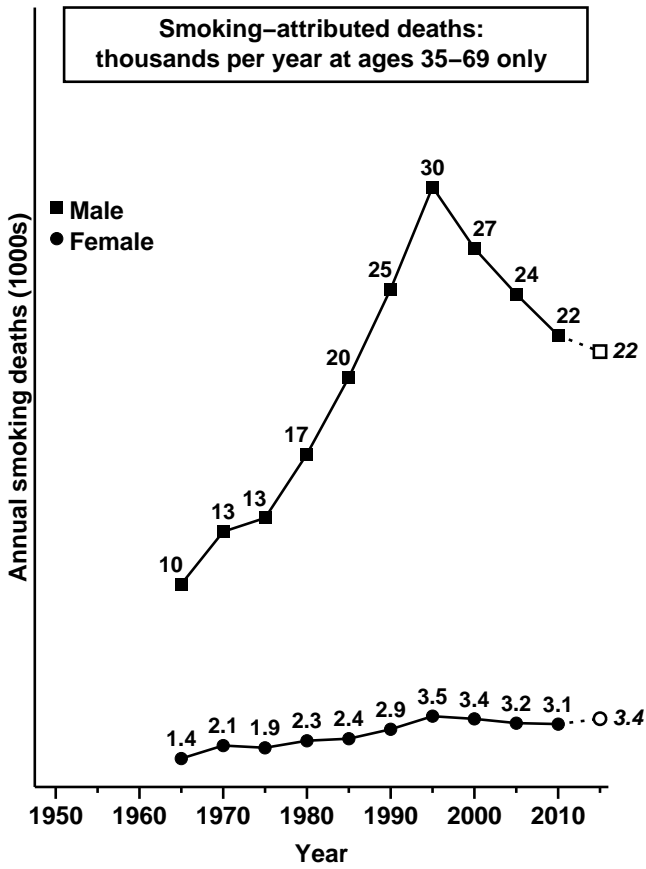
60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 2.0 / 14M

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

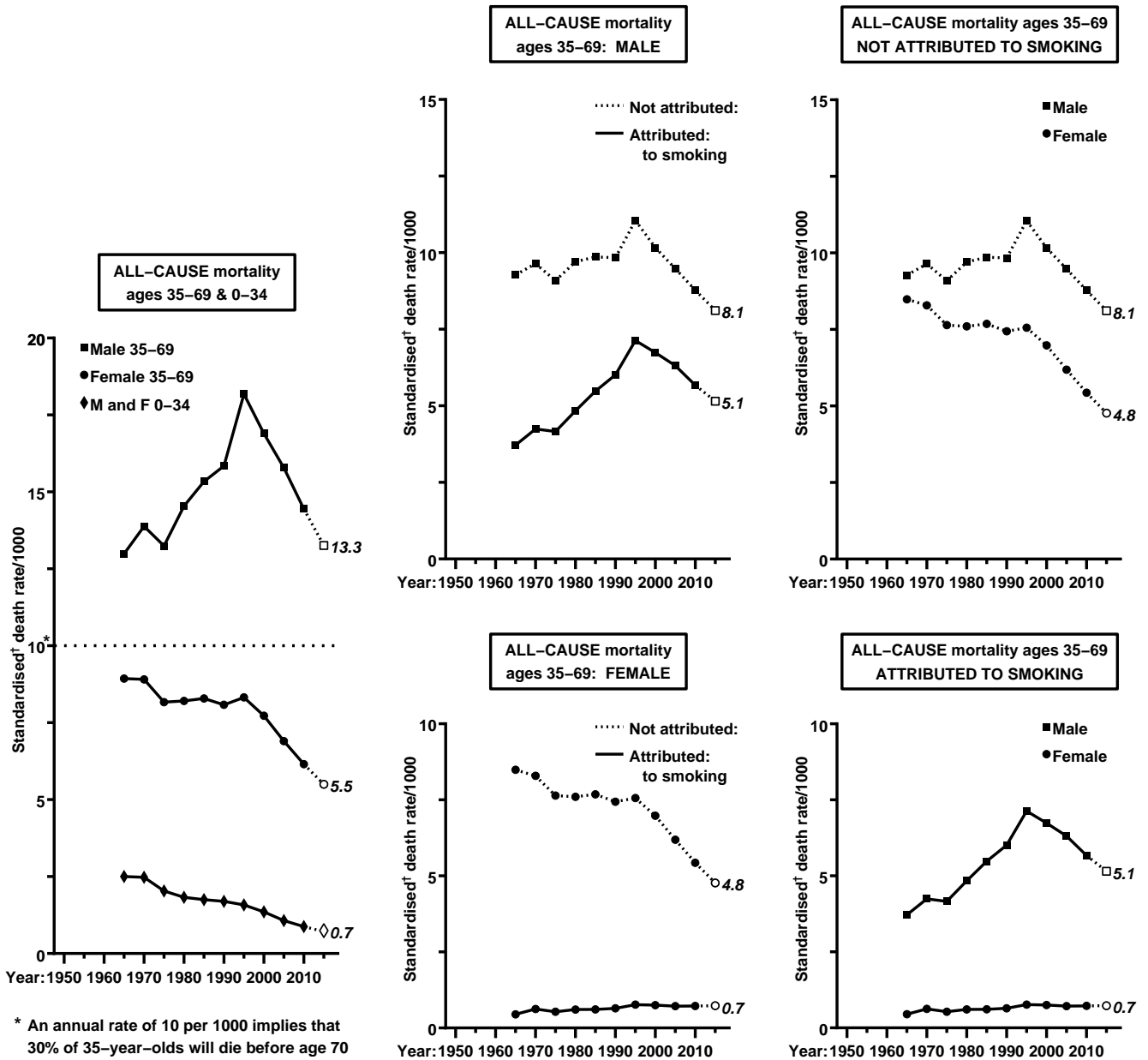
–/0.7M	1.2/3.2M (37%)	0.5/3.4M (14%)	1.7/7.3M	–/0.4M	0.2/1.8M (9%)	0.1/4.3M (3%)	0.3/6.5M
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1965-2015: ROMANIA



**ROMANIA: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



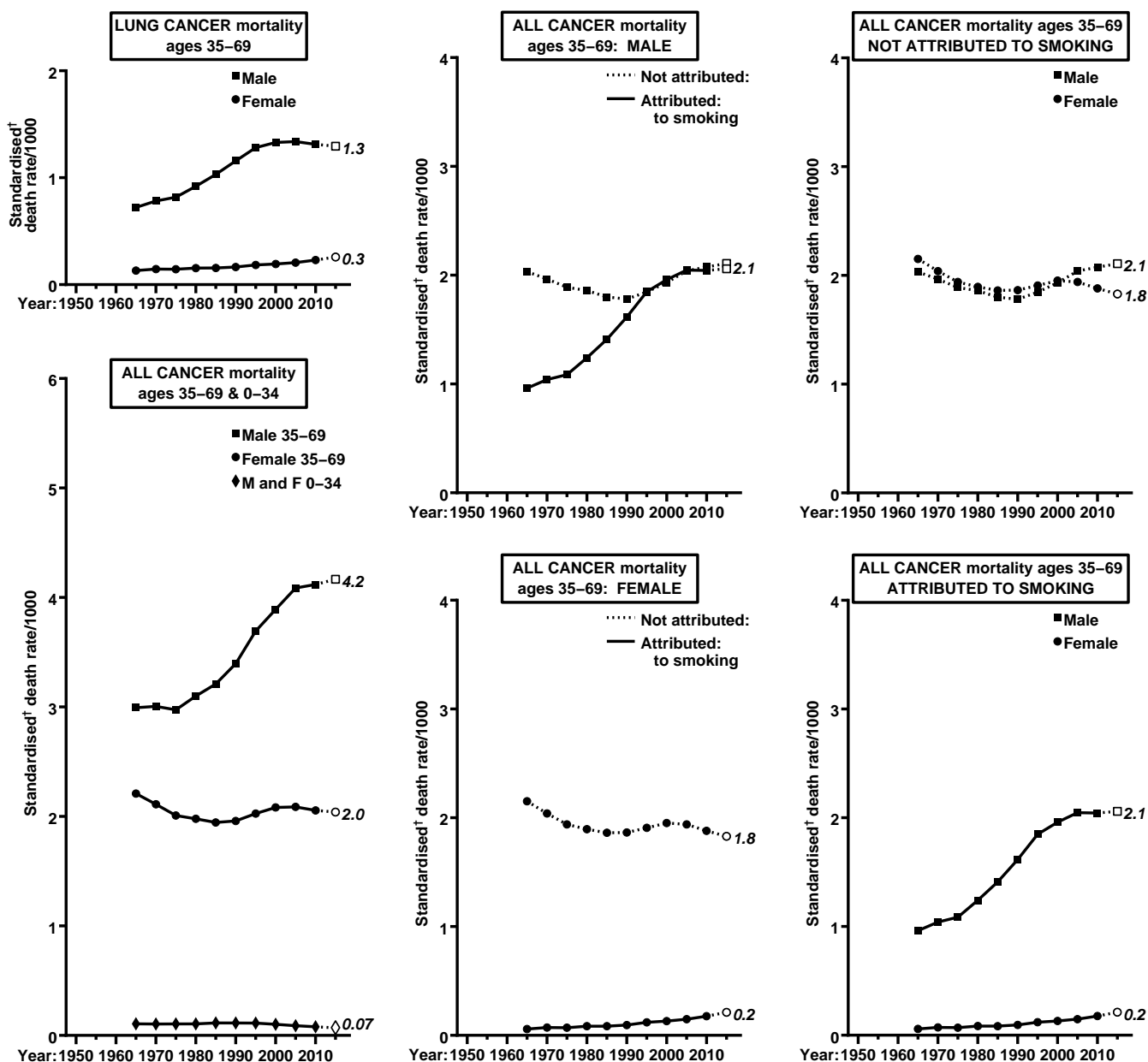
\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

† 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	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.86	3.72	9.27	9.99	69.3	-	2.14	0.45	8.48	0.64	66.9
1970	-	2.85	4.24	9.64	10.8	66.6	-	2.10	0.62	8.29	0.53	61.8
1975	-	2.33	4.16	9.09	10.9	63.9	-	1.73	0.53	7.64	1.02	59.4
1980	-	2.16	4.83	9.70	9.82	65.8	-	1.49	0.61	7.60	0.73	59.2
1985	-	2.10	5.48	9.86	8.77	65.2	-	1.39	0.61	7.68	0.67	56.2
1990	-	2.07	6.01	9.83	8.69	64.5	-	1.32	0.64	7.44	1.04	52.4
1995	-	1.98	7.13	11.0	10.1	64.5	-	1.17	0.76	7.56	1.84	51.1
2000	-	1.68	6.73	10.2	10.6	59.4	-	1.02	0.75	6.97	2.27	47.0
2005	-	1.34	6.31	9.47	11.3	54.2	-	0.79	0.71	6.19	2.29	41.9
2010	-	1.13	5.67	8.77	12.7	49.4	-	0.62	0.72	5.43	2.30	36.0
2015	-	0.98	5.15	8.11	14.1	44.6	-	0.50	0.73	4.77	2.30	30.8

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

ALL CANCER mortality rates attributed and not attributed to smoking



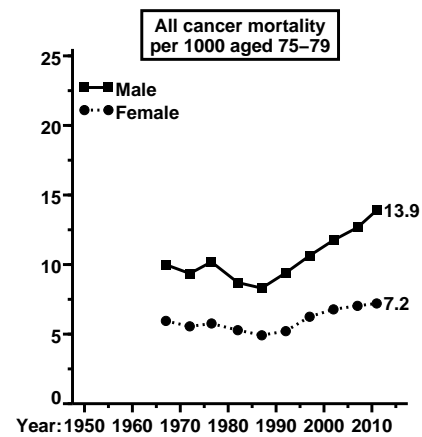
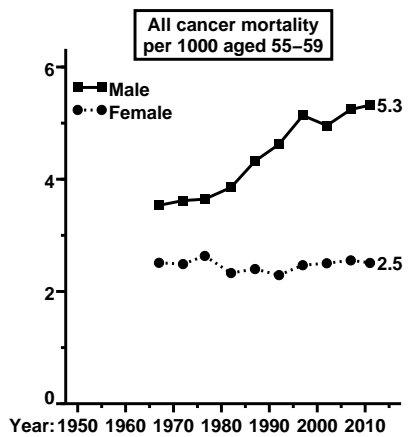
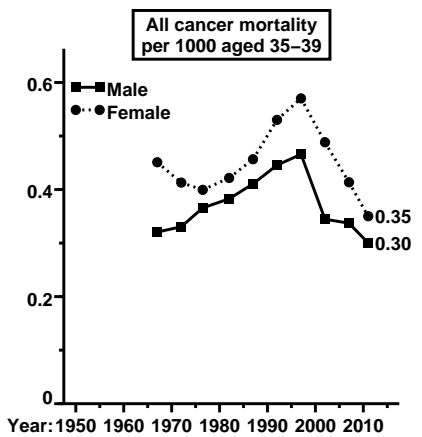
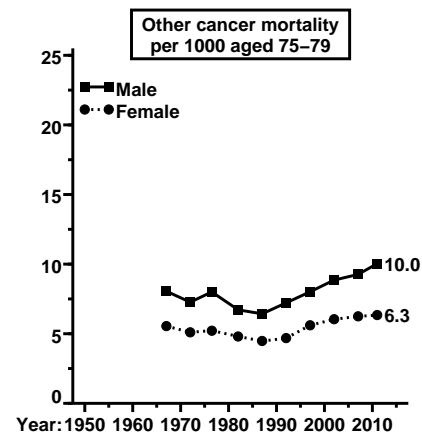
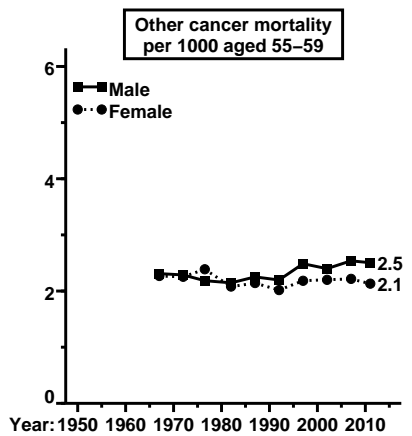
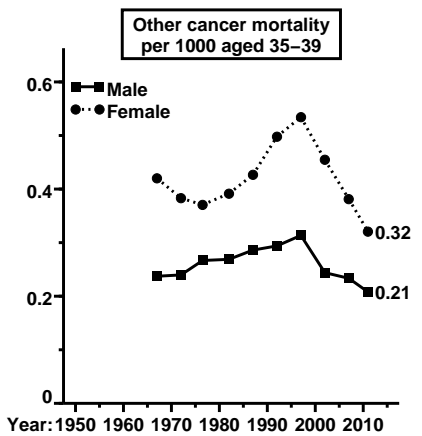
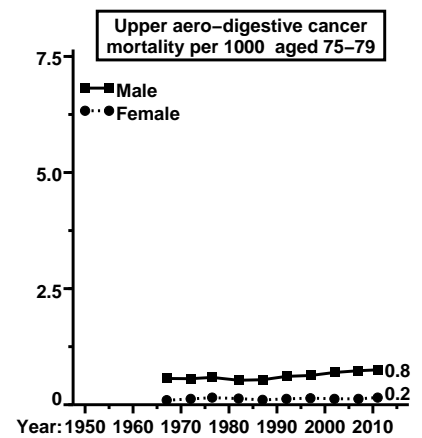
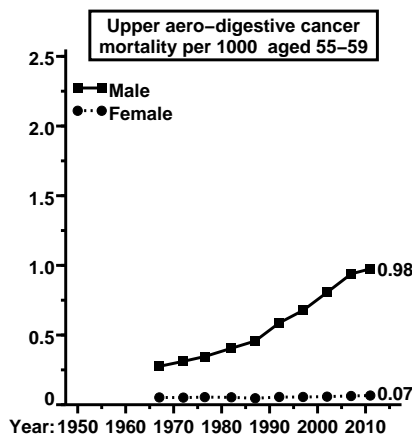
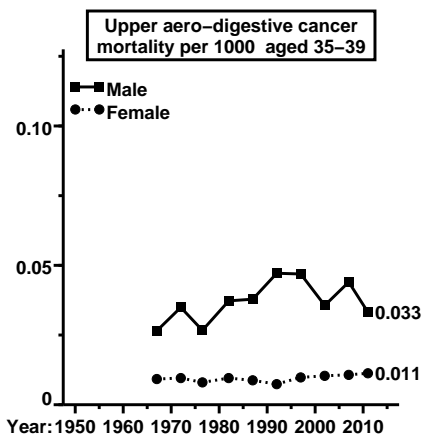
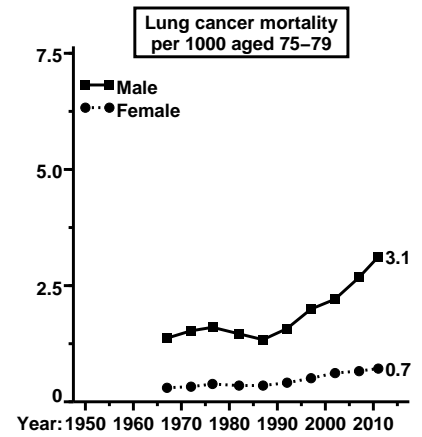
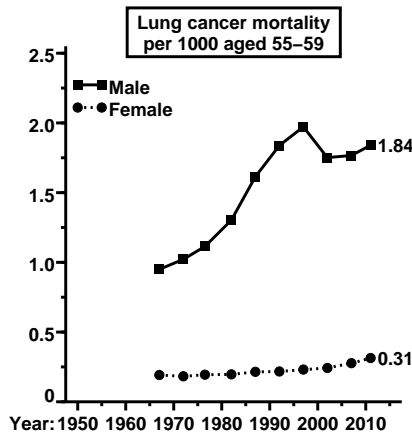
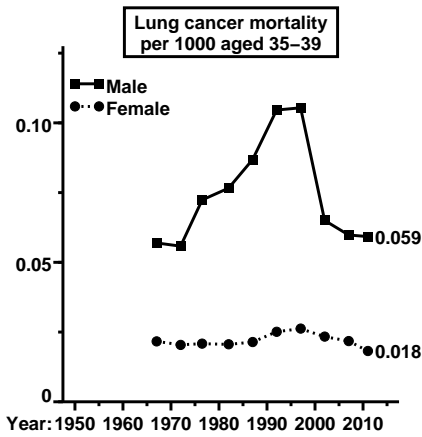
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.11	0.96	2.03	1.75	8.14	-	0.10	0.06	2.15	0.04	6.20	-	0.10	0.07	2.04	0.03	5.31
1970	-	0.11	1.04	1.96	1.78	7.63	-	0.10	0.07	1.94	0.07	5.38	-	0.10	0.08	1.89	0.06	5.14
1975	-	0.11	1.08	1.89	1.70	7.22	-	0.10	0.08	1.86	0.06	5.14	-	0.10	0.08	1.89	0.06	5.14
1980	-	0.11	1.24	1.86	1.70	7.22	-	0.10	0.08	1.89	0.06	5.14	-	0.10	0.08	1.89	0.06	5.14
1985	-	0.12	1.41	1.80	1.53	6.69	-	0.11	0.08	1.86	0.05	4.78	-	0.11	0.08	1.86	0.05	4.78
1990	-	0.12	1.61	1.78	1.67	6.92	-	0.11	0.09	1.86	0.10	4.78	-	0.11	0.09	1.86	0.10	4.78
1995	-	0.11	1.85	1.85	2.26	7.49	-	0.11	0.12	1.91	0.20	5.29	-	0.11	0.12	1.91	0.20	5.29
2000	-	0.10	1.96	1.93	2.69	7.94	-	0.10	0.13	1.95	0.30	5.75	-	0.10	0.13	1.95	0.30	5.75
2005	-	0.09	2.05	2.04	3.20	8.33	-	0.09	0.15	1.94	0.35	5.90	-	0.09	0.15	1.94	0.35	5.90
2010	-	0.08	2.04	2.07	4.10	8.97	-	0.07	0.18	1.88	0.43	5.99	-	0.07	0.18	1.88	0.43	5.99
2015	-	0.08	2.06	2.11	5.20	9.61	-	0.06	0.21	1.83	0.52	6.08	-	0.06	0.21	1.83	0.52	6.08

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

**ROMANIA: 1965-2012**

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

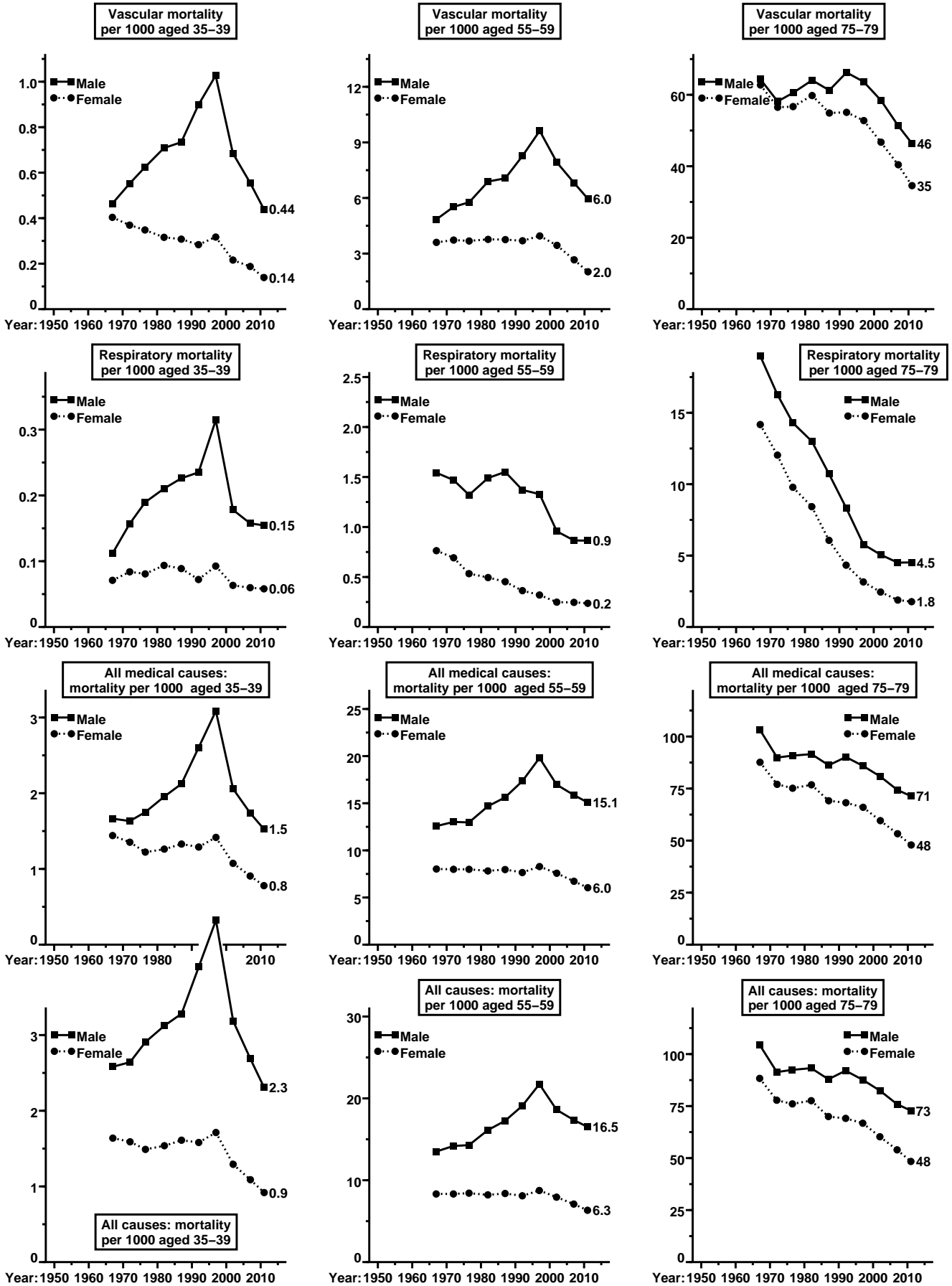


\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 3-year average 2010–12



1965-2012: ROMANIA

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 3-year average 2010-12

<b>RUSSIAN FEDERATION: 2010</b>
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		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	1050676	96270	553314	1706.5	256.1	2288.5	234.5	35.9	39.7	113.7	246.8	440.9	681.5
	F	977840	34169	250644	827.4	98.4	820.6	186.7	24.0	26.4	51.5	76.1	129.9	194.6
Tuberculosis	M	17463	3445	13089	24.9	8.7	43.1	0.4	0.0	0.0	0.6	5.5	18.0	36.6
	F	4366	1275	2611	5.2	3.2	7.2	0.2	0.0	0.1	0.3	3.1	7.2	11.5
Other infective and parasitic	M	7776	4273	3244	10.9	11.4	10.6	10.6	1.0	0.6	1.0	2.9	22.0	41.3
	F	4004	1938	1587	5.0	5.3	4.7	8.1	0.7	0.4	0.8	2.8	11.5	12.8
ALL CANCER	M	155006	2776	90098	256.1	7.7	412.4	5.8	3.4	3.3	4.9	7.1	10.9	18.2
	F	135130	2800	63712	129.7	7.7	205.4	4.2	3.4	3.0	3.5	6.0	10.8	23.1
Mouth and pharynx cancer	M	7310	61	5551	11.6	0.2	23.4	0.1	0.0	0.1	0.1	0.2	0.2	0.5
	F	1709	43	890	1.7	0.1	2.8	-	0.1	0.0	0.1	0.2	0.2	0.3
Oesophagus cancer	M	5093	12	3505	8.3	0.0	15.8	-	-	-	-	0.0	0.0	0.2
	F	1389	4	469	1.2	0.0	1.6	-	-	-	0.0	0.0	-	0.0
Stomach cancer	M	19553	166	11059	32.3	0.4	50.4	-	-	-	0.0	0.2	0.8	1.9
	F	14885	175	5644	13.5	0.5	18.9	-	-	0.0	0.1	0.2	0.8	1.9
Colorectal cancer	M	17032	134	7830	29.0	0.3	38.6	0.0	-	-	0.2	0.3	0.4	1.6
	F	21158	121	7767	18.9	0.3	26.3	-	-	0.1	0.1	0.1	0.6	1.4
Liver cancer	M	4682	76	2762	7.7	0.2	12.6	0.2	0.0	-	0.1	0.2	0.3	0.6
	F	3700	59	1533	3.4	0.2	5.2	0.2	-	0.0	0.0	0.2	0.2	0.5
Pancreas cancer	M	7783	101	4946	12.7	0.3	21.8	0.0	-	-	0.0	0.1	0.4	1.3
	F	7823	33	3168	7.2	0.1	10.8	-	0.0	-	0.1	0.0	0.1	0.4
Larynx cancer	M	4276	7	3025	6.9	0.0	13.5	-	-	-	0.0	0.0	0.0	0.1
	F	250	2	145	0.2	0.0	0.5	-	-	-	-	-	-	0.0
Lung cancer	M	42583	129	27123	69.9	0.3	124.9	-	-	-	0.1	0.3	0.5	1.4
	F	8739	60	3976	8.2	0.2	13.1	0.1	0.0	0.0	0.1	0.2	0.3	0.5
Malignant melanoma	M	1595	88	1030	2.5	0.2	4.2	-	-	-	0.0	0.1	0.5	0.9
	F	1900	83	1041	1.9	0.2	3.2	0.0	-	-	0.1	0.2	0.4	0.8
Female breast cancer	F	23282	245	13921	23.5	0.6	43.3	-	-	0.0	0.0	0.2	0.9	3.3
Cervix cancer	F	6193	420	4049	6.7	1.1	11.8	-	-	-	0.0	0.2	2.0	5.2
Other uterine cancer	F	6559	53	3330	6.4	0.1	11.0	-	0.0	-	0.1	0.1	0.1	0.7
Ovarian cancer	F	7820	127	4793	8.0	0.3	14.8	-	-	0.1	0.2	0.3	0.5	1.3
Prostate cancer	M	10251	7	3311	18.1	0.0	18.8	-	-	-	-	0.1	0.0	0.1
Bladder cancer	M	5335	10	2133	9.3	0.0	11.2	-	0.0	-	0.0	-	0.0	0.1
	F	1366	7	320	1.1	0.0	1.1	-	-	-	-	-	0.0	0.1
Other and ill-defined cancer sites	M	23055	1322	14233	37.3	3.7	61.4	3.3	2.0	1.5	2.8	3.7	5.4	7.0
	F	21756	910	9613	20.9	2.7	31.1	2.6	2.3	1.8	1.5	2.8	3.0	4.7
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and non- Hodgkin lymphomas	M	2853	204	1768	4.6	0.6	7.6	0.2	0.2	0.5	0.2	0.6	0.9	1.4
	F	3001	136	1467	3.0	0.4	4.9	-	0.2	0.1	0.3	0.4	0.9	0.8
Leukaemia	M	3605	459	1822	5.9	1.4	8.2	2.1	1.1	1.2	1.3	1.4	1.3	1.3
	F	3600	322	1586	3.6	1.0	5.2	1.3	0.7	0.8	1.0	0.9	0.9	1.3
Diabetes	M	2723	199	1542	4.4	0.5	6.6	0.1	0.1	0.1	0.1	0.7	1.1	1.4
	F	6393	171	2486	6.0	0.5	8.7	0.2	0.1	0.1	0.3	0.6	0.8	1.1
ALL VASCULAR DISEASE	M	518284	10078	241774	877.2	26.0	1076.8	4.5	1.3	1.8	4.7	16.2	46.6	106.7
	F	633633	3347	108642	491.1	8.8	380.4	3.9	0.9	1.3	3.5	6.8	15.3	30.1
Rheumatic heart disease and fever	M	1383	50	1041	2.1	0.1	4.1	0.0	0.0	0.1	0.1	0.2	0.2	0.4
	F	2557	28	1395	2.5	0.1	4.6	0.0	-	0.0	0.1	0.1	0.1	0.2
Hypertensive disease	M	11507	92	5331	19.6	0.2	24.9	0.1	-	-	0.1	0.1	0.5	0.9
	F	17600	31	3758	14.2	0.1	13.3	0.0	-	-	0.0	0.1	0.1	0.3
Ischaemic heart disease	M	283058	2543	134062	480.5	6.5	605.5	-	0.0	-	0.7	3.1	10.4	31.3
	F	314863	570	50535	241.7	1.5	182.1	-	0.0	-	0.5	1.0	2.2	6.5
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	142587	1214	53432	248.0	3.1	259.0	0.2	0.3	0.1	1.0	2.6	5.2	12.4
	F	229662	596	33686	174.5	1.6	121.1	0.3	0.2	0.3	1.2	1.5	2.7	4.9
Other vascular disease, incl. venous	M	79749	6179	47908	127.1	16.0	183.3	4.2	0.9	1.6	2.9	10.2	30.3	61.6
	F	68951	2122	19268	58.1	5.6	59.3	3.6	0.7	1.0	1.7	4.2	10.1	18.2
Chronic obstructive pulmonary disease	M	22292	177	8102	38.7	0.5	41.9	0.1	0.0	0.1	0.3	0.4	0.6	1.8
	F	9513	84	2096	7.8	0.2	7.4	0.1	0.0	0.1	0.2	0.2	0.3	0.7
Other respiratory disease	M	30652	3643	20760	47.3	10.0	77.3	14.8	1.5	1.0	1.9	4.5	14.7	31.5
	F	12351	1725	5240	12.7	5.1	15.7	12.8	1.3	1.1	1.4	3.0	6.1	10.0
Peptic ulcer	M	5426	252	3567	8.6	0.6	14.4	-	0.0	-	0.1	0.5	1.0	2.8
	F	3058	59	1152	2.7	0.1	3.6	0.0	-	-	0.1	0.1	0.3	0.5
Liver cirrhosis & other liver disease	M	30082	3159	23485	44.9	8.1	86.0	0.3	0.1	0.1	0.4	3.6	15.4	36.6
	F	20621	1625	15440	23.2	4.1	44.9	0.3	0.1	0.2	0.3	2.2	8.7	17.2
Renal disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pregnancy, birth	F	298	222	76	0.4	0.6	0.2	-	-	-	0.2	1.0	1.1	1.6
Congenital and perinatal causes	M	6381	5980	355	12.2	20.8	1.3	138.6	2.1	1.4	1.1	1.0	0.8	0.8
	F	4976	4554	362	9.8	16.7	1.0	110.0	2.0	1.5	0.8	1.0	0.7	0.6
Ill-defined causes	M	46187	5881	21636	76.6	15.5	78.7	12.6	1.6	2.2	5.0	13.0	28.9	45.3
	F	56175	1784	6042	40.9	5.1	18.4	11.0	1.2	0.7	2.4	4.0	6.8	9.8
Other medical causes	M	41344	4915	24908	65.1	13.6	96.3	16.4	5.9	4.1	5.1	9.7	20.6	33.7
	F	37515	2543	15070	36.0	7.5	47.2	12.1	3.8	3.6	4.1	5.8	8.8	14.2
ALL NON- MEDICAL CAUSES	M	167060	51492	100754	239.5	132.8	343.1	30.3	19.0	25.0	88.4	181.7	260.2	324.9
	F	49807	12042	26128	57.0	33.5	75.7	23.7	10.6	14.3	33.6	39.5	51.5	61.6
Road traffic accidents	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire	M	6296	1038	4371	9.5	2.9	15.6	3.4	1.4	0.8	1.1	2.4	4.1	6.9
	F	2717	419	1307	2.9	1.3	3.9	2.2	1.1	0.6	0.6	0.8	1.4	2.1
Suicide	M	27675	10573	14267	39.0	26.7	48.1	-	0.2	3.8	23.8	45.0	55.1	58.9
	F	5805	1720	2576	6.5	4.6	7.5	-	-	2.0	7.1	7.5	7.9	7.7

POPULATION:  
(1000s; UN, 2015 revision)

M=male  
F=female

66390	33225	28902	4077	3545	3299	4516	6351	6078	5359
76768	32280	34570	3881	3376	3140	4292	6150	5974	5467

## 2010: RUSSIAN FEDERATION

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			
791.6	1009.8	1274.4	1835.0	2550.0	3922.2	4636.5	6679.1	9514.8	15480.7	M	ALL CAUSES	001-999/A00-Y89
243.3	323.0	400.5	590.3	905.0	1421.6	1860.4	3223.8	5806.8	12780.7	F		
42.0	48.1	47.7	51.2	48.5	37.9	26.1	20.4	18.0	29.3	M	Tuberculosis	010-018/A15-A19
10.7	9.9	8.5	7.4	6.0	4.9	3.1	3.5	4.9	6.6	F		
25.3	13.5	8.1	6.9	6.7	7.4	6.2	5.6	6.6	6.5	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
8.6	5.0	3.4	3.0	4.0	4.7	3.9	4.2	5.4	5.2	F		
29.4	62.2	127.5	274.2	501.7	851.8	1040.2	1346.0	1548.2	1607.6	M	ALL CANCER	140-208/C00-C97
40.4	67.7	101.5	169.7	245.6	386.0	427.1	594.6	725.4	792.2	F		
1.5	4.0	9.3	20.4	35.3	48.5	44.5	42.3	39.9	34.1	M	Mouth and pharynx cancer	140-149/C00-C14
0.7	1.1	1.5	2.5	4.0	5.0	4.5	5.6	7.8	10.7	F		
0.4	1.2	4.3	11.0	22.2	34.3	37.5	39.8	33.9	34.1	M	Oesophagus cancer	150/C15
0.2	0.3	0.5	1.2	1.9	2.7	4.3	5.9	10.2	12.9	F		
3.7	9.2	16.8	33.6	59.7	104.8	124.7	180.9	213.3	207.7	M	Stomach cancer	151/C16
3.2	5.5	8.0	13.1	20.4	35.2	46.9	74.3	103.0	104.6	F		
2.3	4.7	9.2	20.0	38.0	78.7	117.7	179.4	226.9	272.2	M	Colorectal cancer	153, 154/C18-C21
2.5	4.3	8.9	17.7	30.1	53.6	67.0	107.4	143.0	160.9	F		
1.1	1.9	4.2	8.2	15.5	25.4	32.2	40.1	43.8	49.7	M	Liver cancer	155.0, 155.1/C22
0.5	1.4	2.0	3.6	5.5	10.1	12.9	17.3	22.7	25.3	F		
2.1	3.9	8.3	16.6	27.4	44.6	49.3	61.3	64.8	70.0	M	Pancreas cancer	157/C25
1.0	1.9	3.4	6.9	11.8	23.1	27.5	40.5	48.5	53.1	F		
0.5	1.6	3.9	9.5	19.2	29.3	30.5	31.6	30.2	22.5	M	Larynx cancer	161/C32
0.0	0.1	0.1	0.4	0.9	0.9	0.8	0.9	1.2	1.1	F		
3.5	12.5	33.5	83.7	162.1	263.3	315.8	375.6	376.6	304.2	M	Lung cancer	162/C33, C34
1.6	3.5	4.9	9.7	16.1	26.8	29.3	39.5	49.8	55.9	F		
1.4	2.0	2.6	3.2	4.8	7.2	8.4	9.2	12.0	14.8	M	Malignant melanoma	172/C43
0.9	1.7	2.2	3.4	3.6	5.3	5.2	6.5	7.8	9.5	F		
7.9	16.0	26.3	42.9	55.6	79.4	75.0	86.5	85.5	103.9	F	Female breast cancer	174/C50
8.9	10.8	10.4	12.7	12.8	14.2	13.1	15.7	18.3	18.9	F	Cervix cancer	180/C53
1.7	2.4	4.5	7.9	13.2	22.8	24.2	31.4	32.4	32.6	F	Other uterine cancer	179, 182/C54, C55
2.1	5.7	9.8	15.7	19.8	25.0	25.3	31.7	30.8	24.9	F	Ovarian cancer	183.0/C56
0.0	0.3	1.1	4.7	13.8	39.7	72.2	118.8	184.5	237.3	M	Prostate cancer	185/C61
0.2	0.8	1.9	4.0	10.4	22.0	39.2	58.3	83.8	102.5	M	Bladder cancer	188/C67
0.1	0.3	0.3	0.6	1.1	2.4	3.2	5.7	10.8	16.4	F		
9.5	15.2	25.6	47.9	75.7	124.8	131.1	160.9	182.0	203.2	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
6.6	9.8	14.1	24.5	37.5	60.7	64.8	94.9	118.1	133.3	F	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
1.4	2.5	3.3	5.5	9.6	14.2	16.4	21.1	20.6	19.9	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C85, C90
1.0	1.2	2.0	3.4	5.5	9.9	11.1	14.8	16.0	11.7	F	Leukaemia	204-208/C91-C95
1.7	2.5	3.3	5.9	8.0	15.0	20.7	26.8	35.8	35.3	M		
1.5	2.0	2.6	3.7	5.7	9.2	11.8	15.9	19.5	16.6	F		
2.2	2.8	3.0	4.2	6.8	13.8	13.5	21.9	25.5	22.9	M	Diabetes	250/E10-E14
1.0	1.7	1.9	4.4	9.3	19.3	23.0	35.1	45.1	35.2	F		
171.9	289.8	459.0	763.6	1171.2	2031.3	2650.9	4182.1	6469.0	10691.8	M	ALL VASCULAR DISEASE	390-459/I00-I99
48.5	83.1	122.0	204.8	375.6	709.2	1120.0	2209.6	4394.9	9882.8	F		
1.0	1.3	2.6	4.6	5.1	7.2	6.7	8.3	6.2	4.2	M	Rheumatic heart disease and fever	390-398/I00-I09
0.5	1.0	2.0	3.2	5.7	9.5	10.6	13.2	13.4	7.6	F		
1.8	4.1	8.5	15.8	26.8	49.4	67.7	102.5	166.1	207.6	M	Hypertensive disease	401-404/I10-I13
0.7	1.8	3.6	6.9	13.5	26.2	40.5	74.5	136.0	225.7	F		
59.7	125.9	233.0	425.5	682.5	1197.5	1514.5	2355.6	3542.3	5763.8	M	Ischaemic heart disease	410-414/I20-I25
11.7	25.2	42.1	82.8	173.1	360.7	578.9	1145.3	2238.0	4948.4	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
22.6	43.9	76.2	140.7	251.4	503.1	775.2	1329.3	2178.5	3595.8	M	Cerebrovascular disease	430-438/I60-I69
10.1	18.6	32.6	60.3	110.4	224.0	391.6	806.1	1655.6	3722.0	F		
86.7	114.6	138.7	177.0	205.4	274.1	286.8	386.4	575.9	1120.5	M	Other vascular disease, incl. venous	Rest of 390-459/ rest of I00-I99
25.5	36.5	41.6	51.5	72.9	88.8	98.5	170.4	351.8	979.1	F	Chronic obstructive pulmonary disease	490-494, 496/J40-J47
2.1	4.0	7.8	17.1	37.9	84.4	139.8	241.1	397.1	449.8	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
0.7	1.3	2.0	3.8	7.6	14.4	21.7	38.9	76.0	117.8	F		
38.7	49.6	61.0	78.4	94.6	116.2	102.8	115.0	140.3	225.3	M		
10.3	11.5	12.7	14.5	18.7	20.8	21.1	29.0	46.4	93.2	F		
3.6	6.2	9.0	13.2	17.3	25.0	26.6	32.6	38.4	48.5	M	Peptic ulcer	531-533/K25-K27
1.0	1.5	2.2	3.1	4.5	6.4	6.8	9.7	17.4	31.1	F		
49.0	63.7	71.9	84.7	100.8	132.6	99.2	92.9	71.7	63.1	M	Liver cirrhosis & other liver disease	570-573/K70-K76
24.7	31.3	33.2	45.3	70.1	65.9	43.9	40.6	36.5	29.2	F	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	M		
...	...	...	...	...	...	...	...	...	...	F		
1.1	0.3	0.0	0.0	-	-	-	-	-	-	F	Pregnancy, birth	630-676/O00-O99
0.8	1.1	1.0	1.4	1.4	2.0	1.2	0.9	1.5	1.0	M	Congenital and perinatal causes	740-779/P00-P96, Q00-Q99
0.8	1.0	0.9	1.2	1.3	1.4	0.7	0.7	0.5	0.6	F	Ill-defined causes	780-799/R00-R99
51.5	63.0	66.7	79.3	87.5	107.5	95.6	113.3	233.9	1406.0	M		
11.0	12.5	13.1	16.2	21.8	25.7	29.0	46.4	149.0	1321.0	F		
46.1	57.5	67.2	88.3	110.8	151.2	153.0	213.7	275.0	393.3	M	Other medical causes	Rest of 001-799/ rest of A00-R99
18.2	23.7	28.9	39.9	56.2	78.8	84.7	126.3	196.8	300.1	F		
329.1	348.3	344.5	372.4	364.8	361.1	281.4	293.6	289.7	535.5	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
66.2	72.6	70.3	77.2	84.3	84.1	75.2	85.2	108.6	165.7	F	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	M	Fire	E890-E899/X00-X09
...	...	...	...	...	...	...	...	...	...	F		
10.1	12.2	13.8	17.2	18.9	20.0	16.7	16.4	17.0	35.2	M	Suicide	E950-E959/X60-X84
2.5	2.8	3.0	3.7	4.9	5.3	4.9	5.6	9.6	15.9	F		
53.5	52.7	49.7	52.0	47.4	39.0	42.5	55.4	69.1	88.8	M		
7.5	7.5	7.8	7.7	6.2	7.5	8.3	10.9	15.2	20.8	F		
4955	4300	5355	5238	4435	2935	1685	2195	1100	968	M	POPULATION	
5121	4641	5972	6223	5683	4059	2870	4189	2497	3231	F	(1000s; UN, 2015 revision)	

<b>RUSSIAN FEDERATION: 2010</b>
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**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	– / 98	– / 35	–
35–69	204 / 558	9.9 / 254	21 years
70+	84 / 390	15 / 675	8 years
<b>All ages</b>	<b>288 / 1047</b>	<b>25 / 963</b>	<b>17 years</b>

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

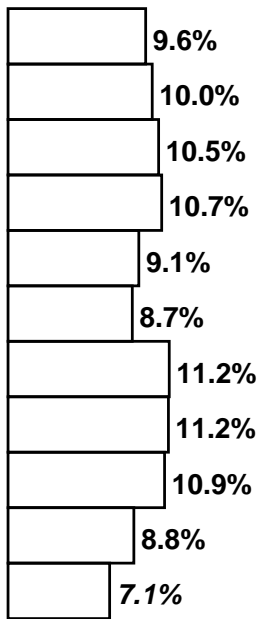
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.1	25/27	14/15	39/42	–/0.1	1.2/4.0	1.5/4.7	2.7/8.7
All Cancer	–/2.8	42/91 (46%)	20/61 (33%)	63/155	–/2.8	1.6/64 (2%)	1.9/67 (3%)	3.5/134
Vascular	–/10	120/244	49/260	169/513	–/3.3	6.7/111	11/510	17/624
Respiratory	–/4.0	18/30	11/20	29/54	–/2.0	0.8/8.0	1.7/13	2.5/23
All Other	–/81	24/193	3.2/50	27/324	–/26	0.9/71	0.7/85	1.6/182
<b>All Causes</b>	<b>–/98</b>	<b>204/558 (37%)</b>	<b>84/390 (21%)</b>	<b>288/1047</b>	<b>–/35</b>	<b>9.9/254 (4%)</b>	<b>15/675 (2%)</b>	<b>25/963</b>

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

Cause	Male	Female	Male + Female
All Cancer	63 / 155 (40%)	3.5 / 134 (3%)	66 / 289 (23%)
All Causes	288 / 1047 (27%)	25 / 963 (3%)	313 / 2010 (16%)

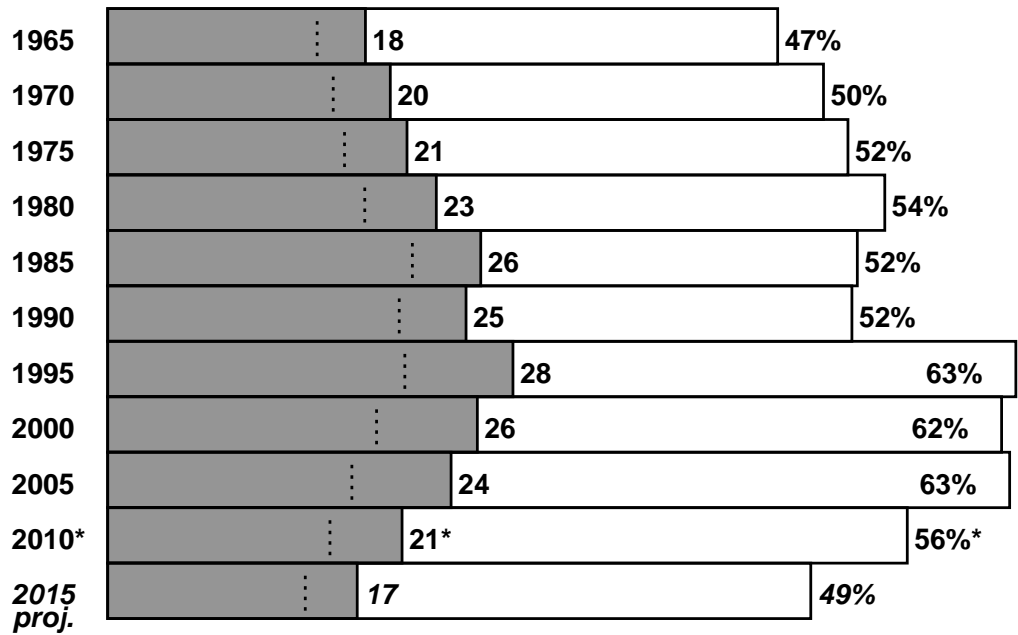
1965-2015: RUSSIAN FEDERATION

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)

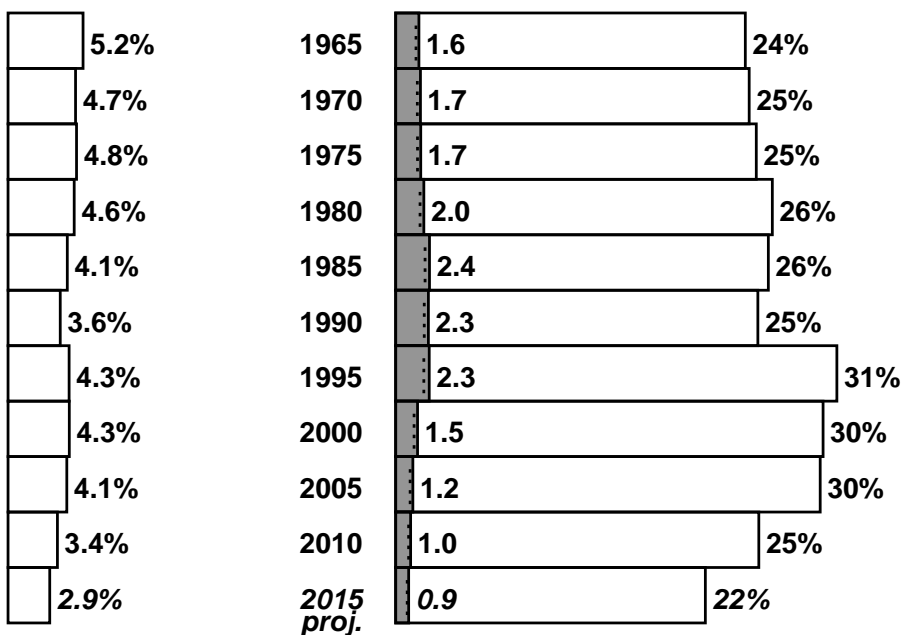
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 56 would die before age 70 (with 21 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



<b>RUSSIAN FEDERATION: 1960-2015</b>
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*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	– / 80	– / 30	–
35–69	180 / 507	9.9 / 236	<b>21 years</b>
70+	68 / 370	12 / 652	8 years
<b>All ages</b>	<b>248 / 957</b>	<b>22 / 918</b>	<b>17 years</b>

**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	–/109	83/223 <b>(37%)</b>	19/132 <b>(14%)</b>	102/464	–/58	12/182 <b>(6%)</b>	2.5/253 <b>(1%)</b>	14/493
1975	–/111	134/351 <b>(38%)</b>	37/178 <b>(21%)</b>	171/640	–/48	16/229 <b>(7%)</b>	12/380 <b>(3%)</b>	27/658
1985	–/113	205/401 <b>(51%)</b>	57/239 <b>(24%)</b>	262/753	–/48	21/236 <b>(9%)</b>	19/537 <b>(4%)</b>	40/821
1995	–/124	309/714 <b>(43%)</b>	70/286 <b>(24%)</b>	379/1124	–/42	25/335 <b>(7%)</b>	28/646 <b>(4%)</b>	53/1023
2005	–/119	259/700 <b>(37%)</b>	87/380 <b>(23%)</b>	347/1200	–/40	12/317 <b>(4%)</b>	19/685 <b>(3%)</b>	31/1041
2015 <i>proj.</i>	–/80	180/507 <b>(36%)</b>	68/370 <b>(18%)</b>	248/957	–/30	9.9/236 <b>(4%)</b>	12/652 <b>(2%)</b>	22/918

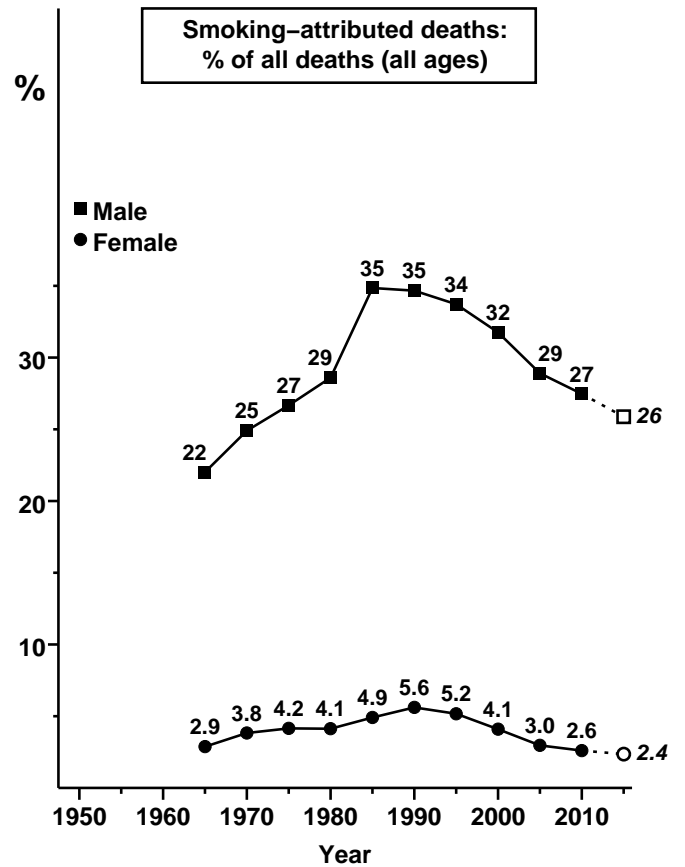
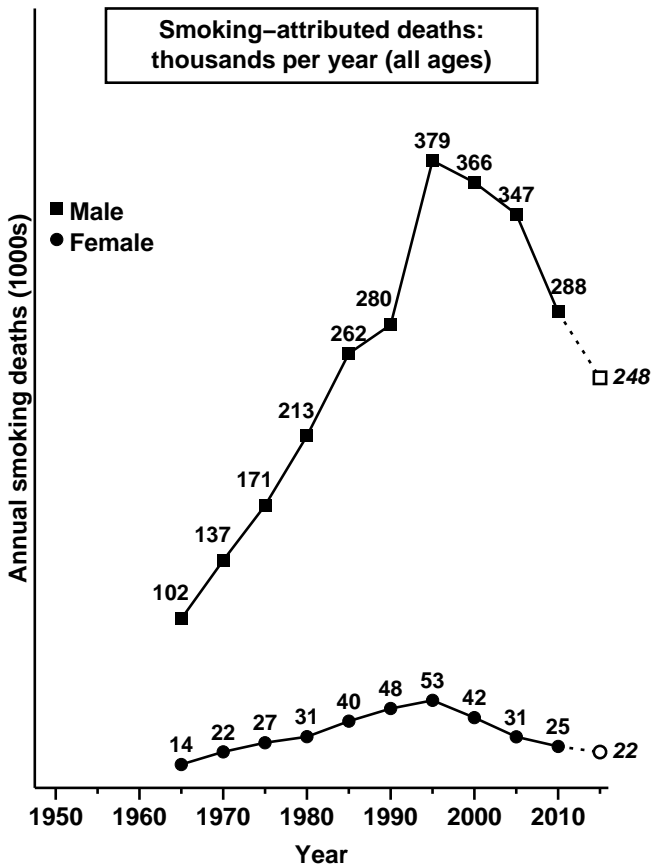
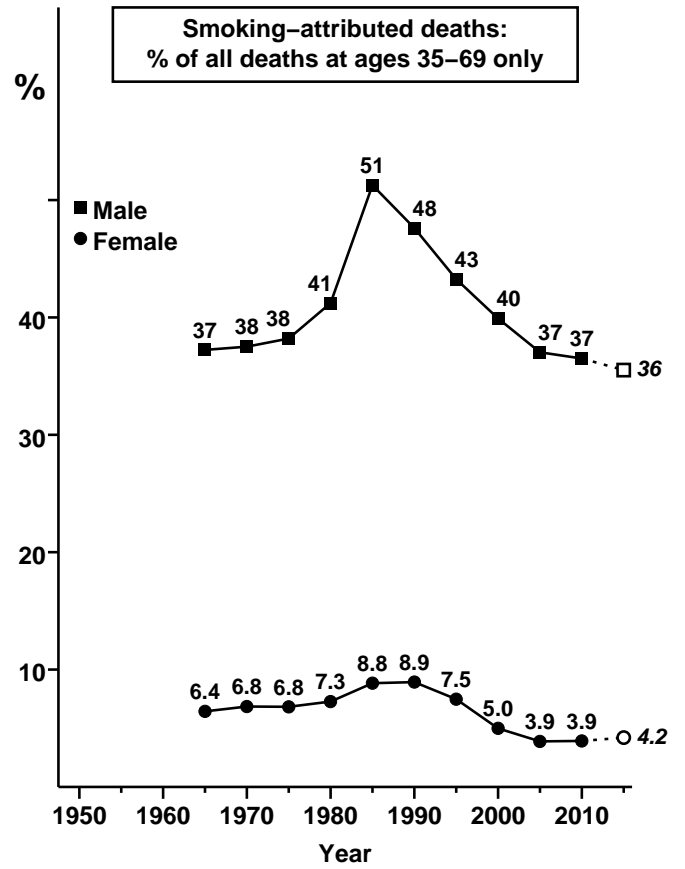
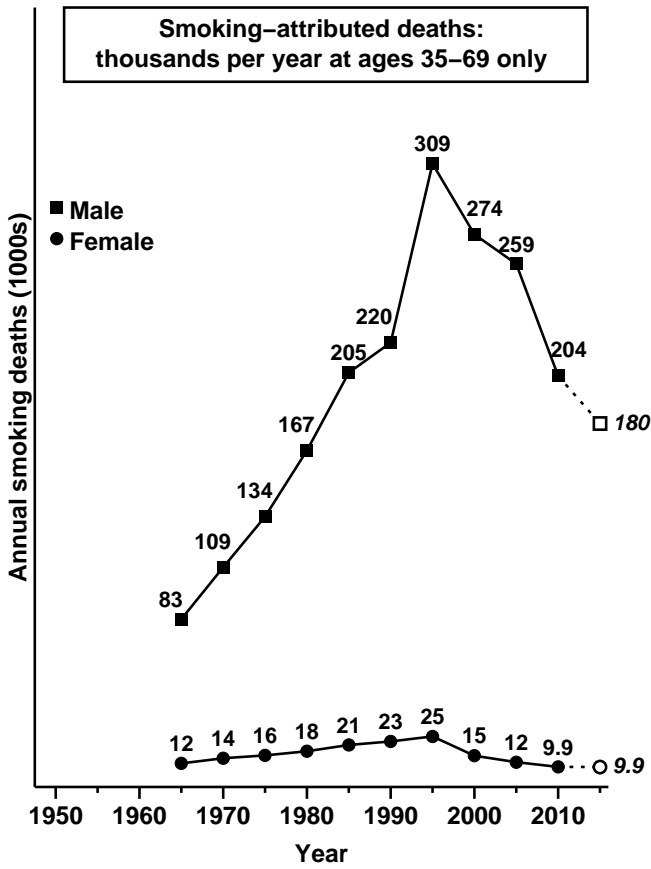
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 17 / 101M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

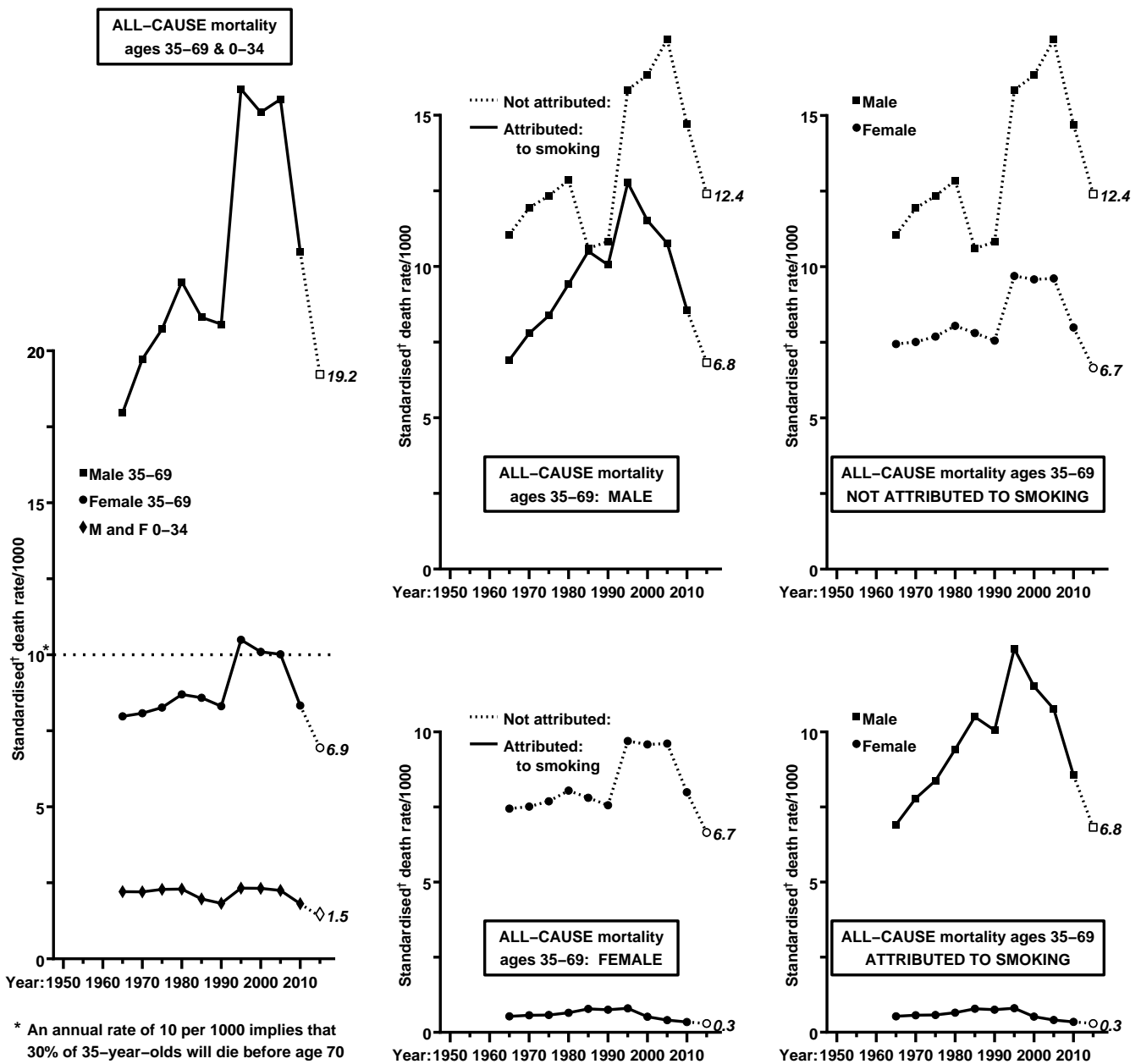
–/6.6M	12/29M	3.4/16M	15/51M	–/2.7M	1.0/15M	0.9/32M	1.9/50M
	<b>(40%)</b>	<b>(21%)</b>			<b>(6%)</b>	<b>(3%)</b>	

1965-2015: RUSSIAN FEDERATION



**RUSSIAN FEDERATION: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



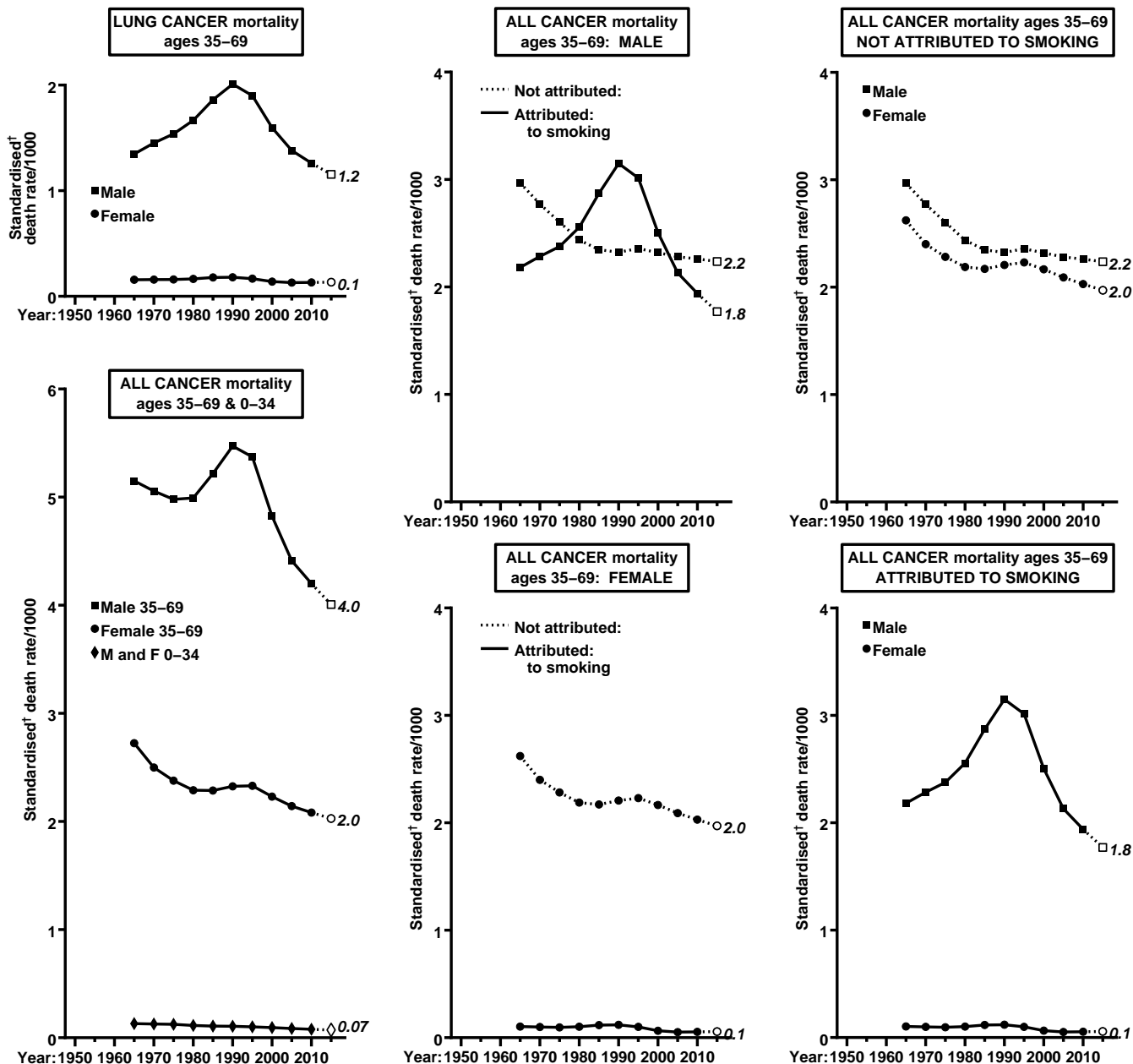
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)									
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1965	-	2.88	6.91	11.1	12.0	65.1	-	1.53	0.53	7.44	0.62	48.6	-	1.38	0.57	7.51	1.57	51.1
1970	-	3.02	7.79	11.9	16.9	66.4	-	1.40	0.57	7.69	1.82	51.1	-	1.35	0.65	8.04	1.71	48.8
1975	-	3.17	8.37	12.3	18.9	67.7	-	1.20	0.78	7.81	2.19	48.0	-	1.06	0.75	7.56	2.89	46.0
1980	-	3.23	9.42	12.8	21.4	63.4	-	1.24	0.80	9.69	2.90	51.3	-	1.25	0.52	9.58	2.53	52.3
1985	-	2.73	10.5	10.6	23.2	58.9	-	1.19	0.41	9.61	1.68	51.1	-	1.00	0.34	7.99	1.14	44.0
1990	-	2.59	10.1	10.8	18.5	62.3	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0
1995	-	3.40	12.8	15.8	25.0	66.3	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0
2000	-	3.38	11.5	16.3	22.5	68.2	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0
2005	-	3.30	10.8	17.5	22.5	68.2	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0
2010	-	2.62	8.56	14.7	18.5	62.3	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0
2015	-	2.10	6.82	12.4	15.2	56.9	-	0.84	0.29	6.65	0.76	38.0	-	0.84	0.29	6.65	0.76	38.0

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



1965-2015: RUSSIAN FEDERATION

ALL CANCER mortality rates attributed and not attributed to smoking



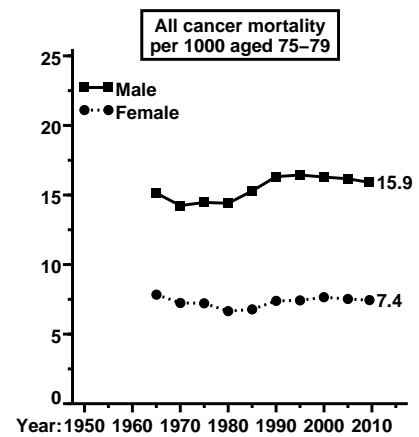
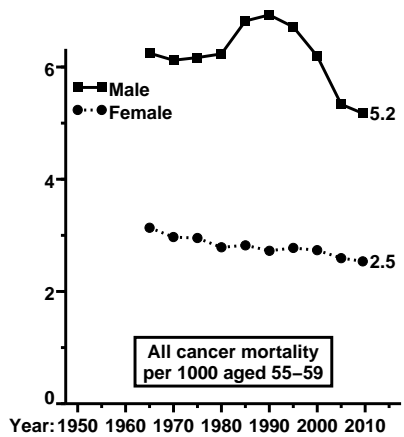
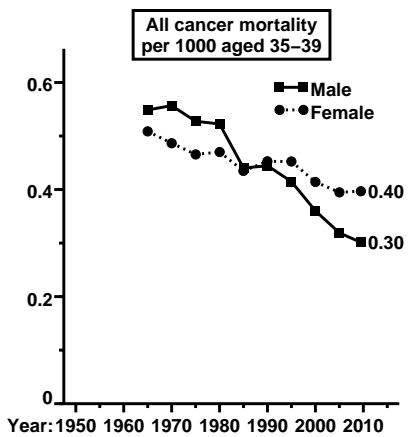
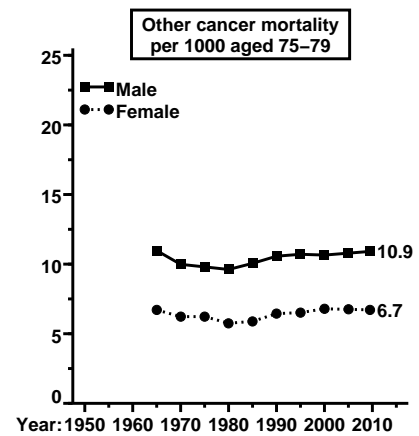
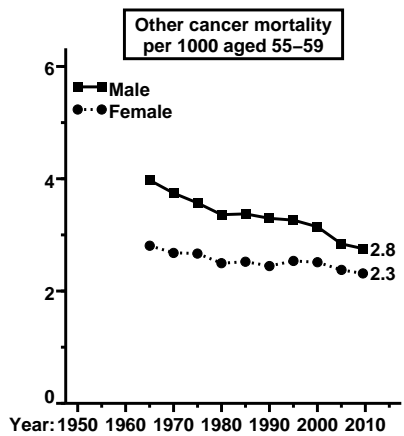
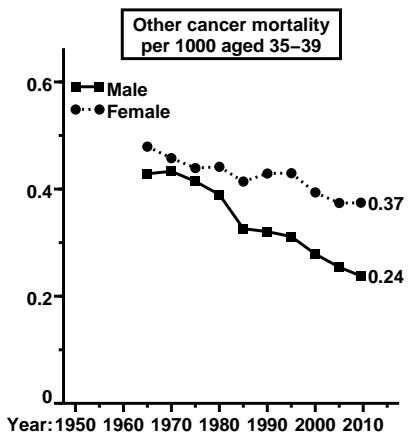
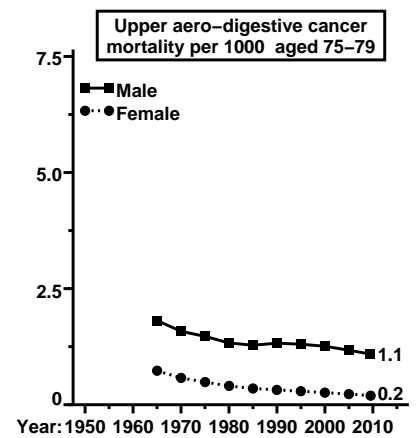
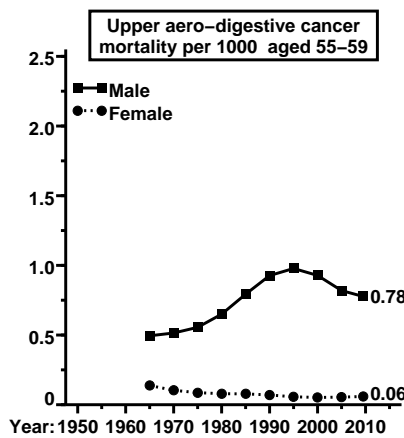
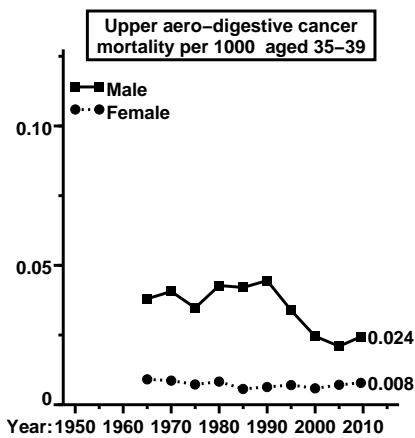
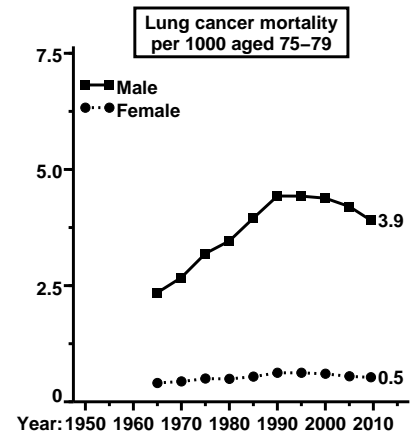
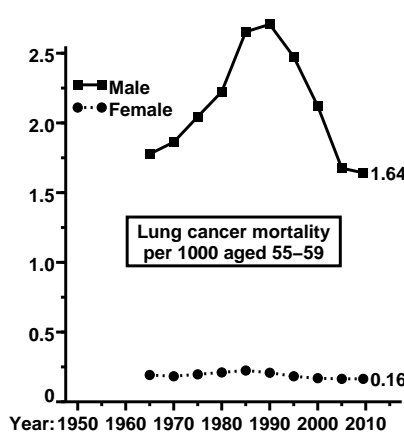
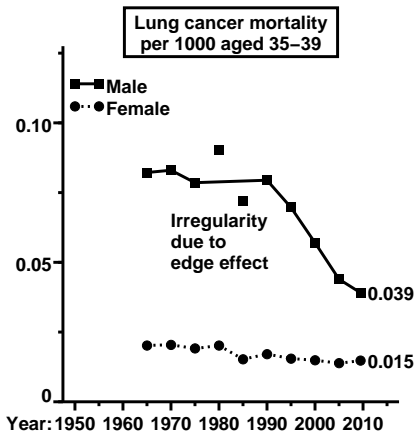
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79			
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	0.14	2.18	2.97	3.26	10.5	-	0.12	0.10	2.62	0.09	6.54	-	0.12	0.10	2.40	0.20	6.85
1970	-	0.14	2.28	2.77	4.29	10.1	-	0.12	0.10	2.28	0.24	6.50	-	0.11	0.10	2.19	0.23	6.09
1975	-	0.13	2.38	2.60	4.76	9.62	-	0.11	0.12	2.17	0.30	6.20	-	0.10	0.12	2.21	0.41	6.61
1980	-	0.12	2.55	2.44	5.60	9.28	-	0.10	0.12	2.21	0.41	6.61	-	0.10	0.12	2.21	0.41	6.61
1985	-	0.11	2.87	2.35	6.49	9.57	-	0.10	0.10	2.23	0.38	6.61	-	0.10	0.10	2.23	0.38	6.61
1990	-	0.11	3.15	2.32	6.15	9.49	-	0.09	0.06	2.17	0.33	6.76	-	0.09	0.06	2.17	0.33	6.76
1995	-	0.10	2.13	2.28	5.54	9.49	-	0.08	0.05	2.09	0.23	6.51	-	0.08	0.05	2.09	0.23	6.51
2000	-	0.08	1.94	2.26	5.00	9.51	-	0.08	0.05	2.03	0.18	6.42	-	0.08	0.05	2.03	0.18	6.42
2005	-	0.08	1.77	2.24	4.51	9.50	-	0.07	0.06	1.97	0.14	6.33	-	0.07	0.06	1.97	0.14	6.33
2010	-	0.07					-						-					
2015	-	0.07					-						-					

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

**RUSSIAN FEDERATION: 1965-2011**

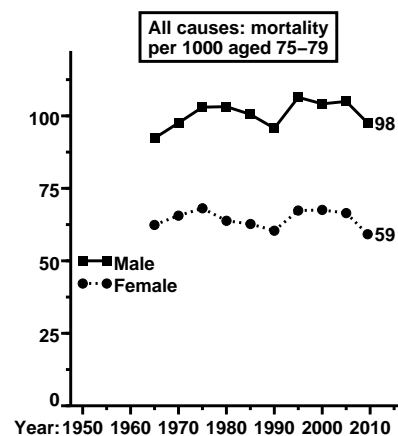
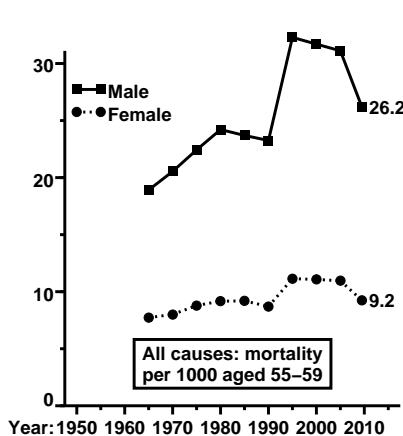
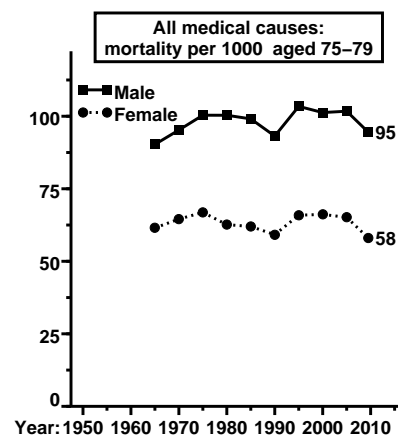
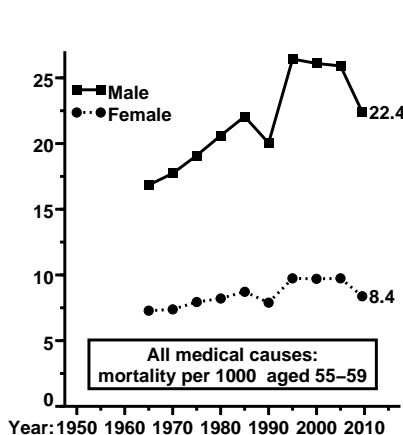
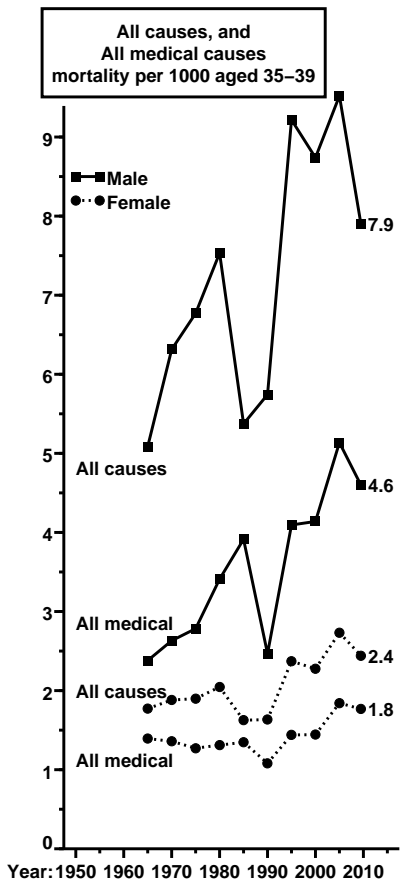
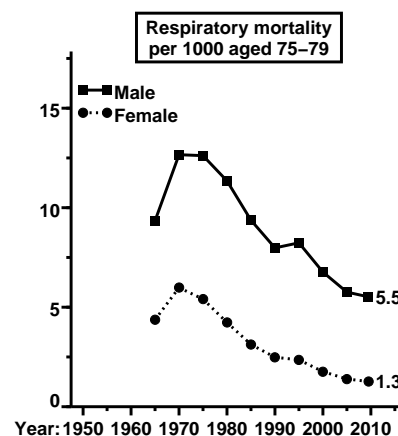
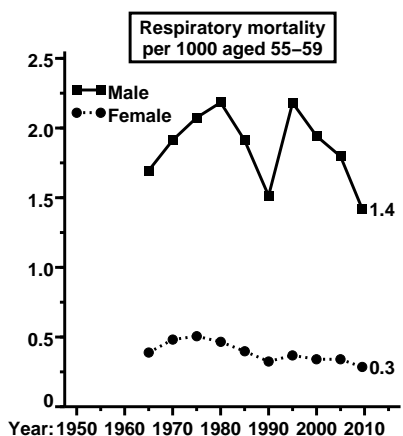
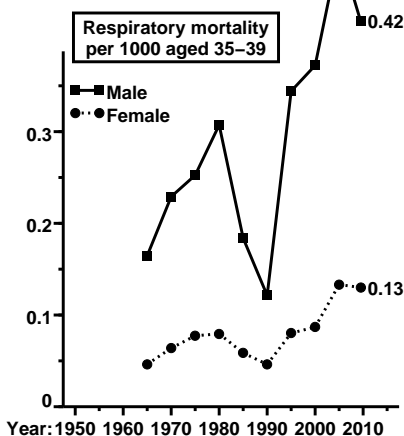
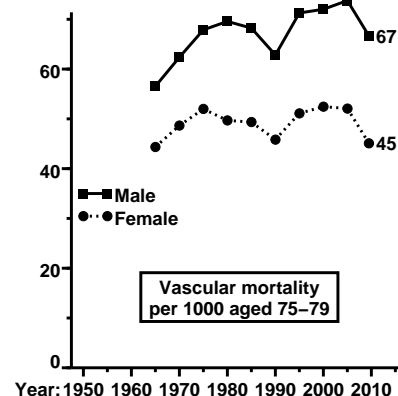
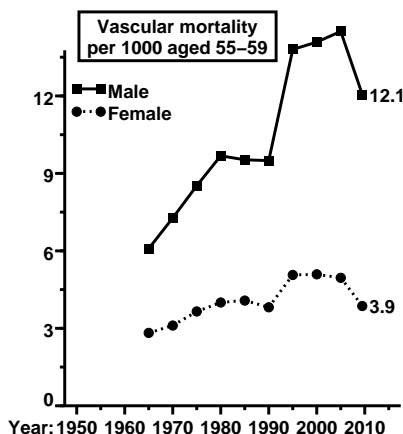
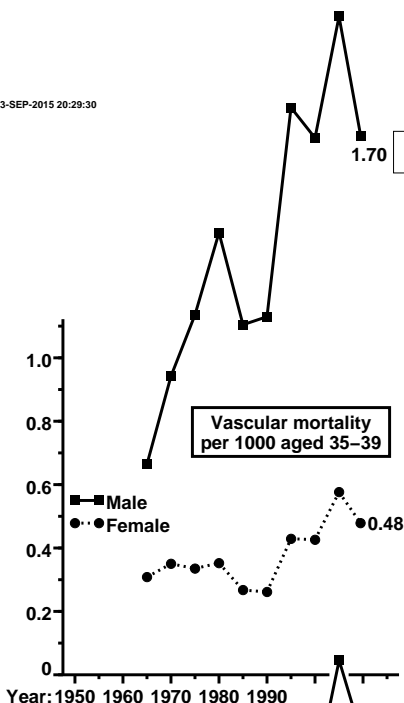
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1965–69,.....,2005–09; then 2-year average 2010–11

1965-2011: RUSSIAN FEDERATION

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



\* Annual mortality per 1000: averages of years available in 1965-69, ..., 2005-09; then 2-year average 2010-11

## 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	0.8
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
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
	F	198	185	13	9.0	15.6	0.8	102.6	1.1	3.3	-	0.9	0.4	0.8
Ill-defined causes	M	2363	138	991	53.1	8.6	64.6	17.3	1.0	-	2.8	8.8	15.1	14.9
	F	2228	39	387	32.9	2.7	23.7	8.3	0.5	-	2.4	2.6	2.8	2.4
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		
1.6	2.6	2.1	4.2	5.7	2.7	6.7	8.6	9.2	16.3	M	Tuberculosis	010-018, 137/A15-A19, B90
-	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	Other infective and parasitic	Rest of 001-139,279.5&.6/rest of A00-B99 excl A33,A34
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		
1.2	2.6	5.4	7.0	14.2	20.6	27.4	21.7	20.0	9.2	M	Oesophagus cancer	150/C15
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		
1.6	0.8	0.4	0.8	0.7	1.4	1.3	1.3	5.0	1.0	M	Hodgkin's disease	201/C81
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		
-	-	-	-	0.3	0.9	1.3	4.6	4.2	5.1	M	Rheumatic heart disease and fever	390-398/I00-I09
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	Hypertensive disease	401-405/I10-I15
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 and other venous	415.1, 451-453/126, 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	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.4	-	0.4	0.8	1.4	0.9	-	-	-	-	F	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		
17.1	20.0	37.9	59.4	84.7	99.6	133.2	160.7	241.5	714.0	M	Ill-defined causes	780-799/R00-R99
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)	

<b>SERBIA: 2010</b>
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**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
<b>All ages</b>	<b>15 / 52</b>	<b>6.2 / 51</b>	<b>15 years</b>

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

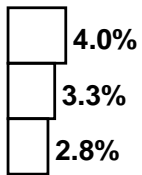
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	2.3/2.4	1.2/1.4	3.5/3.8	–/0.0	0.6/0.8	0.3/0.5	1.0/1.3
All Cancer	–/0.1	3.4/6.3 (55%)	1.8/5.6 (32%)	5.2/12	–/0.1	0.8/4.4 (19%)	0.4/4.5 (10%)	1.3/9.0
Vascular	–/0.1	3.8/7.1	3.3/18	7.0/26	–/0.0	1.3/3.7	2.3/27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

**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%)

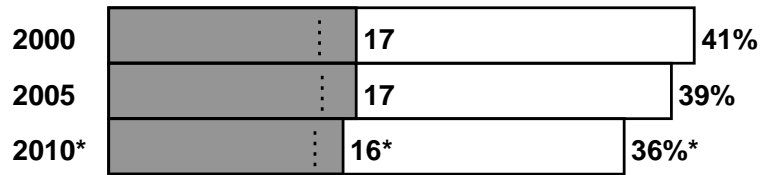
2000-2010: SERBIA

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)

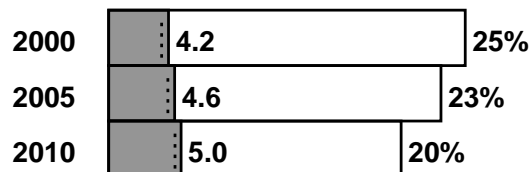
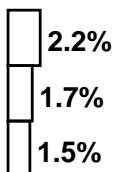
MALE



\*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



## SLOVAKIA: 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	27645	1043	12671	1134.0	77.0	1307.2	157.8	17.4	21.9	45.4	87.4	90.5	118.5
	F	25800	451	5685	623.5	38.8	509.1	133.2	15.9	15.8	19.9	25.7	25.0	36.3
Tuberculosis	M	27	-	22	1.0	-	1.9	-	-	-	-	-	-	-
	F	8	-	4	0.2	-	0.3	-	-	-	-	-	-	-
Other infective and parasitic	M	159	9	78	6.5	0.8	8.1	4.2	-	-	0.5	-	-	0.8
	F	179	4	46	4.5	0.4	4.3	2.2	-	-	-	-	0.5	-
ALL CANCER	M	7007	82	3872	285.6	5.7	415.6	2.8	3.0	2.0	4.3	7.6	7.4	12.4
	F	5067	62	2254	138.9	4.5	198.5	2.9	2.4	4.3	1.1	4.5	5.9	10.7
Mouth and pharynx cancer	M	563	1	476	21.5	0.1	45.8	-	-	-	-	-	0.4	-
	F	74	-	48	2.2	-	3.9	-	-	-	-	-	-	-
Oesophagus cancer	M	243	-	194	9.4	-	19.4	-	-	-	-	-	-	-
	F	20	-	12	0.6	-	1.1	-	-	-	-	-	-	-
Stomach cancer	M	428	1	219	17.4	0.1	22.4	-	-	-	-	-	-	0.4
	F	258	6	91	6.8	0.4	8.2	-	-	-	-	0.5	0.9	1.3
Colorectal cancer	M	1058	4	494	44.0	0.2	56.1	-	-	-	-	0.5	-	1.2
	F	701	1	254	18.1	0.1	22.8	-	-	-	-	-	-	0.4
Liver cancer	M	201	1	102	8.3	0.1	11.6	-	-	-	-	-	-	0.4
	F	120	-	44	3.2	-	4.0	-	-	-	-	-	-	-
Pancreas cancer	M	396	2	249	16.0	0.1	27.1	-	-	-	-	-	-	0.8
	F	340	-	137	9.1	-	12.9	-	-	-	-	-	-	-
Larynx cancer	M	151	-	116	5.9	-	11.8	-	-	-	-	-	-	-
	F	5	-	5	0.2	-	0.4	-	-	-	-	-	-	-
Lung cancer	M	1588	3	952	64.9	0.2	105.7	-	-	-	-	-	0.4	0.8
	F	525	2	282	14.8	0.1	24.8	-	-	-	0.6	-	-	0.4
Malignant melanoma	M	108	3	62	4.4	0.2	6.5	-	-	-	-	-	-	1.2
	F	90	1	41	2.5	0.1	3.5	-	-	-	-	-	0.5	-
Female breast cancer	F	785	5	390	21.9	0.3	33.6	-	-	-	-	-	0.5	1.7
Cervix cancer	F	206	2	143	6.3	0.1	11.5	-	-	-	-	-	0.5	0.4
Other uterine cancer	F	198	1	86	5.3	0.1	7.9	-	-	-	-	-	-	0.4
Ovarian cancer	F	279	6	157	8.1	0.4	13.5	-	-	0.7	-	-	0.9	1.3
Prostate cancer	M	533	-	144	22.8	-	17.9	-	-	-	-	-	-	-
Bladder cancer	M	219	-	73	9.3	-	8.2	-	-	-	-	-	-	-
	F	84	-	20	2.1	-	1.9	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	1125	54	597	45.5	3.8	62.6	2.1	1.5	1.4	3.2	6.7	5.7	5.8
	F	1040	21	411	28.1	1.6	36.7	0.7	0.8	2.9	0.6	1.0	1.8	3.4
Hodgkin's disease	M	20	1	12	0.8	0.1	1.0	-	-	-	0.5	-	-	-
	F	20	6	8	0.6	0.4	0.7	-	-	-	-	2.0	0.5	0.4
Myeloma and non-Hodgkin lymphomas	M	195	3	97	8.1	0.2	10.7	-	0.8	-	-	-	0.4	0.4
	F	185	2	81	5.1	0.2	7.2	0.7	-	-	-	-	-	0.4
Leukaemia	M	179	9	85	7.3	0.7	8.9	0.7	0.8	0.7	0.5	0.5	0.4	1.2
	F	137	9	44	3.8	0.8	3.9	1.5	1.6	0.7	-	1.0	0.5	0.4
Diabetes	M	269	4	133	11.1	0.2	14.8	-	-	-	-	-	0.9	0.8
	F	382	1	88	9.3	0.1	8.3	-	-	-	-	0.5	-	-
ALL VASCULAR DISEASE	M	12856	61	4498	539.8	4.0	485.9	2.1	0.8	1.4	1.6	4.3	4.4	13.6
	F	15682	35	1896	348.8	2.7	178.0	3.7	1.6	0.7	1.7	3.5	3.6	3.8
Rheumatic heart disease and fever	M	25	1	15	1.0	0.1	1.5	-	-	-	-	-	-	0.4
	F	52	-	18	1.4	-	1.8	-	-	-	-	-	-	-
Hypertensive disease	M	328	1	123	13.6	0.1	13.0	-	-	-	-	-	0.4	-
	F	521	2	72	11.6	0.2	6.5	0.7	-	-	-	0.5	-	-
Ischaemic heart disease	M	7723	18	2555	325.3	1.1	277.5	-	-	-	0.5	0.9	1.3	5.0
	F	9221	2	947	201.9	0.1	90.7	-	-	-	-	0.5	-	0.4
Pulmonary embolism and other venous	M	324	5	153	13.3	0.3	16.4	-	-	-	-	0.5	0.4	1.2
	F	433	3	104	10.5	0.2	9.4	-	-	-	0.6	-	-	0.8
Cerebrovascular disease	M	2514	8	845	106.3	0.5	95.2	-	-	0.7	-	0.5	0.4	2.1
	F	3342	12	437	75.4	0.9	41.0	-	0.8	0.7	1.1	1.0	1.8	0.8
Other vascular disease	M	1942	28	807	80.3	2.0	82.3	2.1	0.8	0.7	1.1	2.4	1.8	5.0
	F	2113	16	318	47.9	1.2	28.6	2.9	0.8	-	-	1.5	1.8	1.7
Chronic obstructive pulmonary disease	M	569	4	180	24.0	0.2	20.4	-	-	-	-	-	0.9	0.8
	F	278	3	84	7.0	0.2	7.5	0.7	-	-	-	0.5	-	0.4
Other respiratory disease	M	1270	46	455	53.0	3.7	46.8	9.8	3.8	0.7	3.2	0.5	3.1	5.0
	F	1192	33	188	28.1	2.9	16.7	8.8	1.6	3.6	1.1	1.5	1.8	2.1
Peptic ulcer	M	127	-	82	5.1	-	7.9	-	-	-	-	-	-	-
	F	101	3	21	2.5	0.2	1.9	-	-	-	-	0.5	-	0.8
Liver cirrhosis	M	996	18	864	37.7	1.1	80.5	-	-	-	-	-	2.2	5.4
	F	344	4	297	11.0	0.3	24.4	-	-	-	-	1.0	-	0.8
Renal disease	M	300	2	111	12.5	0.1	11.6	-	-	-	-	0.5	0.4	-
	F	369	3	88	9.0	0.2	8.6	0.7	-	-	-	0.5	0.5	-
Pregnancy, birth	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital and perinatal causes	M	169	159	9	9.2	15.8	0.8	105.5	1.5	2.0	0.5	0.5	-	0.4
	F	136	127	8	7.6	13.2	0.6	90.0	-	-	0.6	1.0	0.5	-
Ill-defined causes	M	405	83	264	15.2	5.8	22.6	11.2	-	0.7	1.1	8.6	7.9	11.6
	F	225	35	83	6.5	2.8	6.7	7.3	0.8	0.7	2.3	2.0	2.7	3.8
Other medical causes	M	1210	84	623	48.8	6.1	62.1	10.5	1.5	2.7	2.7	6.2	7.4	11.6
	F	1171	51	350	30.6	4.3	31.0	11.0	3.2	2.9	1.7	3.5	3.6	4.3
ALL NON-MEDICAL CAUSES	M	2281	491	1480	84.6	33.4	128.4	11.9	6.8	12.3	31.4	59.4	55.9	56.1
	F	666	90	278	19.3	7.0	22.4	5.9	6.3	3.6	11.3	6.9	5.9	9.4
Road traffic accidents	M	306	139	139	11.1	9.6	11.8	2.1	3.8	2.7	10.8	19.9	14.9	12.8
	F	105	32	46	3.5	2.6	3.7	-	4.0	2.2	5.7	2.5	1.4	2.6
Fire	M	27	4	17	1.1	0.3	1.5	0.7	-	-	-	0.5	-	0.8
	F	5	1	2	0.1	0.1	0.2	-	-	-	-	0.5	-	-
Suicide	M	539	122	371	19.5	7.9	31.4	-	-	2.7	4.9	15.7	15.7	16.5
	F	92	16	63	3.0	1.1	5.0	-	-	0.7	2.8	1.0	0.9	2.6
POPULATION:			<b>M=male</b>		2621.2	1287.9	1176.0	143.2	132.2	146.2	184.9	210.5	228.8	242.2
(1000s; UN, 2015 revision)			<b>F=female</b>		2785.7	1234.5	1258.0	136.6	126.1	139.2	176.3	202.2	220.0	234.1



## 2010: SLOVAKIA

## 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			
189.1	322.5	578.2	966.6	1439.8	2363.6	3290.7	5006.8	7761.0	15454.9	M	ALL CAUSES	001-999/A00-Y89
80.5	132.3	202.2	367.6	520.5	897.7	1363.1	2491.7	4684.9	12463.6	F		
-	0.6	2.1	2.1	4.3	3.1	1.1	3.1	4.1	2.2	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.5	0.6	0.5	-	-	-	0.8	-	1.1	2.9	F		
-	0.6	6.4	4.7	9.2	16.2	19.6	20.4	41.3	86.2	M	Other infective	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
0.5	-	1.6	2.0	5.0	5.1	15.9	22.8	43.4	65.0	F	and parasitic	
20.3	47.3	118.6	283.3	469.4	789.4	1181.0	1553.1	2000.7	2425.1	M	ALL CANCER	140-208/C00-C97
31.3	54.3	73.9	163.5	225.6	374.1	466.6	705.0	921.0	1178.0	F		
0.9	7.9	24.1	52.2	75.1	74.6	85.9	62.9	66.1	30.9	M	Mouth and	140-149/C00-C14
1.0	1.7	2.6	5.0	5.5	7.1	4.8	5.0	9.1	12.4	F	pharynx cancer	
0.9	1.7	10.7	18.1	25.0	40.0	39.1	33.0	31.0	28.7	M	Oesophagus cancer	150/C15
-	-	-	1.5	0.5	1.9	4.0	3.0	2.3	2.9	F		
3.8	4.5	5.9	16.5	32.6	37.7	55.5	106.9	132.3	168.0	M	Stomach cancer	151/C16
1.0	3.4	1.6	6.4	8.5	14.8	21.5	37.7	44.5	80.2	F		
1.9	5.6	15.5	27.9	48.4	100.0	193.6	235.8	380.3	499.6	M	Colorectal cancer	153, 154/C18-C21
2.4	5.1	7.4	16.8	23.4	45.6	58.8	80.3	148.4	224.5	F		
-	1.1	2.7	6.7	10.9	19.2	40.2	51.9	64.1	75.2	M	Liver cancer	155.0, 155.1/C22
0.5	2.3	1.1	1.5	5.5	5.1	11.9	20.8	30.8	26.8	F		
0.5	1.7	5.3	19.1	34.8	41.5	87.0	78.6	107.5	95.1	M	Pancreas cancer	157/C25
1.0	2.8	1.6	5.9	8.5	31.4	39.0	53.5	77.6	77.4	F		
0.5	0.6	3.2	9.3	17.4	28.5	22.8	36.2	12.4	13.3	M	Larynx cancer	161/C32
-	-	0.5	1.0	-	1.3	-	-	-	-	F		
1.4	5.6	16.6	64.6	103.3	233.9	314.3	402.4	419.6	384.7	M	Lung cancer	162/C33, C34
2.9	2.3	8.4	21.8	32.4	46.8	58.8	69.4	76.5	99.4	F		
0.9	2.8	2.1	5.7	6.0	9.2	18.5	25.1	26.9	30.9	M	Malignant melanoma	172/C43
2.4	1.7	2.1	3.0	2.5	6.4	6.4	11.9	14.8	22.0	F		
4.8	8.5	14.2	36.2	43.8	54.5	73.1	110.1	129.0	158.6	F	Female breast cancer	174/C50
4.8	9.1	10.0	11.9	16.9	17.3	10.3	22.8	16.0	22.9	F	Cervix cancer	180/C53
1.0	-	2.1	4.0	9.0	16.0	23.1	28.8	39.9	44.9	F	Other uterine cancer	179, 182/C54, C55
2.9	2.8	5.3	11.4	18.9	26.3	27.0	45.6	38.8	34.4	F	Ovarian cancer	183.0/C56
-	0.6	-	2.6	15.2	30.8	76.1	133.6	235.6	420.0	M	Prostate cancer	185/C61
-	-	-	3.6	12.0	13.8	28.3	59.7	76.5	157.0	M	Bladder cancer	188/C67
-	-	1.1	0.5	1.5	2.6	8.0	13.9	20.5	30.6	F		
8.0	8.4	26.2	40.8	66.4	131.6	156.6	238.9	308.0	382.4	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
4.3	10.2	11.6	28.2	37.9	72.5	92.2	152.7	203.2	263.7	F	cancer sites	
-	1.1	-	2.6	1.6	0.8	1.1	1.6	10.3	2.2	M	Hodgkin's disease	201/C81
0.5	0.6	-	0.5	0.5	1.9	0.8	2.0	1.1	2.9	F		
-	3.9	2.7	6.7	9.8	16.9	34.8	44.0	68.2	75.2	M	Myeloma and non-	200, 202-203/ C82-C90, C96
1.0	2.3	2.6	4.0	8.5	15.4	16.7	25.8	39.9	39.2	F	Hodgkin lymphomas	
1.4	1.7	3.7	6.7	10.9	10.8	27.2	42.4	62.0	61.9	M	Leukaemia	204-208/C91-C95
1.0	1.7	1.6	4.0	2.0	7.1	10.3	21.8	28.5	35.4	F		
2.4	2.8	2.1	6.2	16.3	24.6	48.9	70.7	90.9	95.1	M	Diabetes	250/E10-E14
0.5	0.6	2.6	5.9	6.0	12.2	30.2	48.6	98.2	150.9	F		
32.1	71.5	163.5	290.5	501.0	947.1	1395.2	2497.9	4321.8	10206.7	M	ALL VASCULAR	390-459/I00-I99
15.4	21.5	45.4	87.7	150.9	320.2	604.9	1300.9	2930.8	9430.3	F	DISEASE	
-	1.1	1.6	1.6	-	3.9	2.2	3.1	10.3	4.4	M	Rheumatic heart	390-398/I00-I09
-	0.6	0.5	1.0	1.0	1.3	8.0	16.9	8.0	9.6	F	disease and fever	
1.9	-	3.2	8.8	14.1	32.3	30.4	55.0	124.0	241.0	M	Hypertensive disease	401-405/I10-I15
0.5	1.1	1.1	3.0	9.5	10.9	19.9	36.7	77.6	326.7	F		
12.7	33.8	83.4	175.7	283.9	541.7	811.3	1488.7	2660.0	6446.3	M	Ischaemic heart	410-414/I20-I25
3.9	6.8	17.9	32.2	71.2	174.5	328.2	745.6	1667.4	5788.5	F	disease	
0.9	2.2	7.5	6.7	19.6	32.3	45.7	58.2	93.0	185.7	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.5	2.3	4.2	6.4	9.5	17.3	25.4	40.6	100.4	188.2	F	and other venous	
3.8	14.1	23.5	44.5	82.1	190.8	307.8	561.2	913.5	1905.6	M	Cerebrovascular	430-438/I60-I69
7.2	4.5	11.1	19.8	34.4	66.7	143.1	299.4	715.6	1876.3	F	disease	
12.7	20.3	44.4	53.2	101.2	146.2	197.9	331.7	520.8	1423.7	M	Other vascular	Rest of 390-459/ rest of I00-I99
3.4	6.2	10.6	25.3	25.4	49.4	80.3	161.6	361.8	1241.0	F	disease	
-	1.7	2.1	8.3	21.8	43.9	65.2	103.8	225.3	464.2	M	Chronic obstructive	490-496/ J40-J47, J67
1.0	0.6	3.2	5.5	7.5	16.7	18.3	31.7	47.9	111.8	F	pulmonary disease	
9.9	12.4	29.4	26.4	49.5	82.3	117.5	215.4	382.4	988.2	M	Other respiratory	Rest of 460-519/ rest of J00-J98
3.4	9.6	6.9	11.9	17.4	23.7	43.7	108.1	218.0	641.0	F	disease	
0.9	2.2	5.9	7.8	10.9	12.3	15.2	22.0	20.7	46.4	M	Peptic ulcer	531-533/K25-K27
-	0.6	1.1	1.5	1.5	2.6	6.4	18.8	13.7	44.0	F		
15.6	29.3	57.7	98.2	100.6	144.7	117.5	99.0	57.9	50.9	M	Liver cirrhosis	571/K70, K74
4.8	8.5	22.2	26.8	38.4	35.9	34.2	18.8	17.1	8.6	F		
1.9	1.7	5.9	7.8	12.0	22.3	29.4	53.5	121.9	207.8	M	Renal disease	580-590/N00-N19
-	-	1.1	3.0	7.5	13.5	35.0	48.6	84.5	148.1	F		
0.9	1.1	0.5	1.0	0.5	-	1.1	-	-	2.2	F	Pregnancy, birth	630-676/A34, O00-O99
0.5	1.1	-	1.0	1.5	-	-	-	1.1	-	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
12.3	20.8	25.1	22.2	31.6	26.9	19.6	23.6	20.7	73.0	F	perinatal causes	
3.4	4.0	6.9	9.4	6.5	10.3	6.4	15.9	17.1	72.6	M	Ill-defined causes	780-799/R00-R99
12.7	25.9	35.3	49.1	67.5	106.2	138.1	202.8	312.1	493.0	M	Other medical causes	Rest of 001-799/ rest of A00-R99
6.8	15.3	16.9	20.3	27.4	55.2	75.5	126.9	214.6	433.7	F		
80.2	104.7	123.5	159.2	145.2	144.7	141.4	141.5	161.2	313.9	M	ALL NON-	E800-E999/V01-Y89
12.5	15.8	20.1	29.2	25.4	28.2	25.4	45.6	76.5	176.7	F	MEDICAL CAUSES	
8.0	12.4	12.8	12.9	13.6	13.1	9.8	15.7	12.4	26.5	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
3.4	4.0	2.1	4.0	3.5	5.1	4.0	8.9	11.4	7.6	F	accidents	
0.5	0.6	1.6	2.6	0.5	3.9	1.1	3.1	2.1	6.6	M	Fire	E890-E899/X00-X09
-	-	-	0.5	-	0.6	-	-	1.1	1.0	F		
26.4	29.8	27.8	40.3	34.3	33.1	28.3	20.4	26.9	44.2	M	Suicide	E950-E959/X60-X84
2.4	4.0	7.4	6.4	4.5	6.4	4.0	2.0	6.8	4.8	F		
212.0	177.7	187.1	193.5	183.8	130.0	92.0	63.6	48.4	45.2	M	POPULATION	
207.4	176.9	189.5	201.9	200.8	155.8	125.8	100.9	87.6	104.7	F	(1000s; UN, 2015 revision)	

## SLOVAKIA: 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	– / 1.1	– / 0.5	–
35–69	4.3 / 13	0.7 / 5.8	21 years
70+	3.0 / 14	0.8 / 19	8 years
All ages	7.3 / 28	1.6 / 25	15 years

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

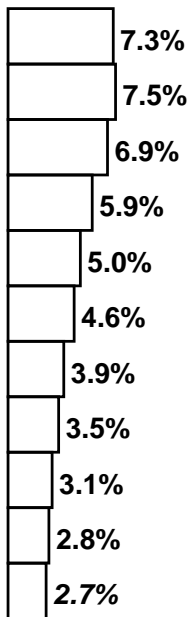
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.9/1.0	0.6/0.6	1.5/1.6	–/0.0	0.2/0.3	0.1/0.2	0.3/0.5
All Cancer	–/0.1	1.6/3.8 (43%)	0.9/3.0 (31%)	2.6/6.9	–/0.1	0.2/2.3 (9%)	0.1/2.7 (5%)	0.4/5.1
Vascular	–/0.1	1.9/4.6	1.6/8.3	3.5/13	–/0.0	0.4/1.9	0.6/14	0.9/15
Respiratory	–/0.1	0.3/0.6	0.4/1.1	0.7/1.8	–/0.0	0.1/0.3	0.1/1.1	0.2/1.4
All Other	–/0.9	0.4/3.8	0.1/1.4	0.5/6.1	–/0.3	0.1/1.3	0.0/1.9	0.1/3.6
All Causes	–/1.1	4.3/13 (33%)	3.0/14 (22%)	7.3/28	–/0.5	0.7/5.8 (12%)	0.8/19 (4%)	1.6/25

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

Cause	Male	Female	Male + Female
All Cancer	2.6 / 6.9 (37%)	0.4 / 5.1 (7%)	2.9 / 12 (24%)
All Causes	7.3 / 28 (26%)	1.6 / 25 (6%)	8.8 / 53 (17%)

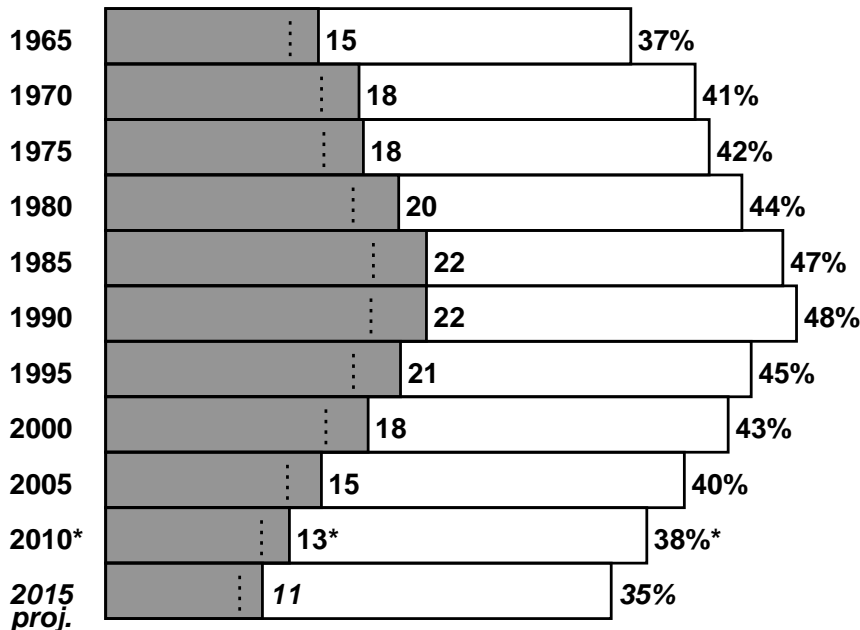
1965-2015: SLOVAKIA

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)

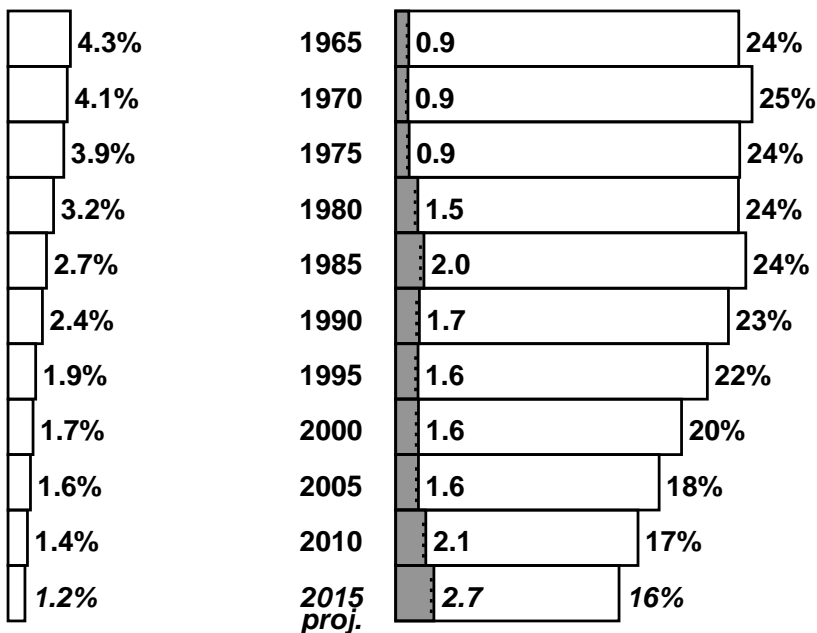
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 38 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



## SLOVAKIA: 1960-2015

*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	– / 1.0	– / 0.4	–
35–69	4.2 / 14	1.0 / 6.0	21 years
70+	2.9 / 14	1.0 / 20	8 years
All ages	7.1 / 29	2.0 / 26	15 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	–/2.9	3.3/8.3 (40%)	1.5/7.3 (21%)	4.9/18	–/1.7	0.2/5.5 (4%)	0.3/9.1 (4%)	0.5/16
1975	–/3.0	4.7/11 (42%)	3.2/11 (29%)	7.9/25	–/1.6	0.2/6.1 (4%)	0.3/13 (2%)	0.5/20
1985	–/2.3	6.1/13 (49%)	3.3/14 (24%)	9.5/29	–/1.2	0.5/6.2 (8%)	0.5/16 (3%)	1.0/24
1995	–/1.6	5.9/13 (45%)	3.1/13 (23%)	9.0/28	–/0.7	0.5/6.5 (7%)	0.8/17 (5%)	1.2/24
2005	–/1.2	4.7/13 (37%)	3.3/14 (24%)	8.0/28	–/0.5	0.5/5.8 (9%)	0.7/19 (4%)	1.2/25
2015 proj.	–/1.0	4.2/14 (31%)	2.9/14 (21%)	7.1/29	–/0.4	1.0/6.0 (17%)	1.0/20 (5%)	2.0/26

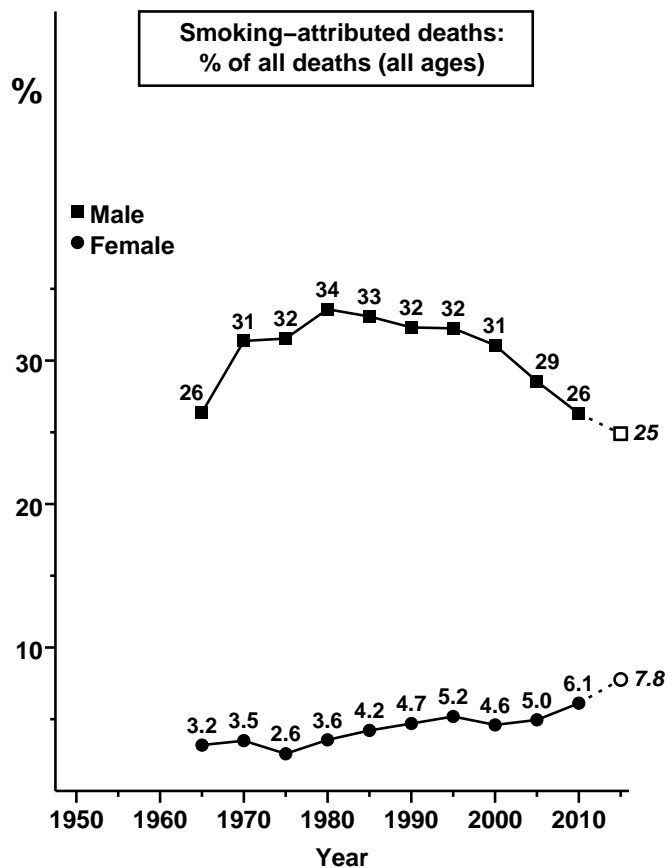
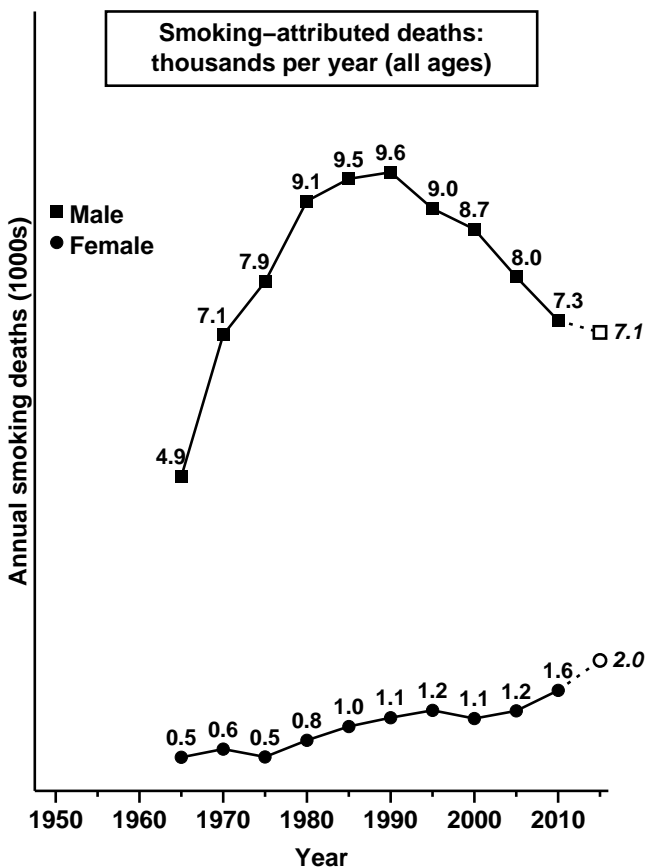
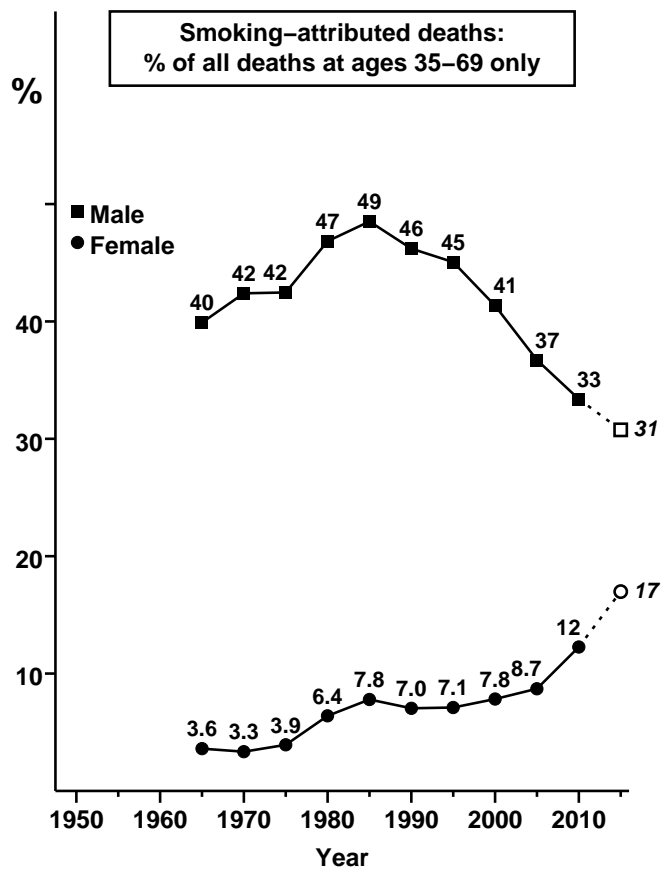
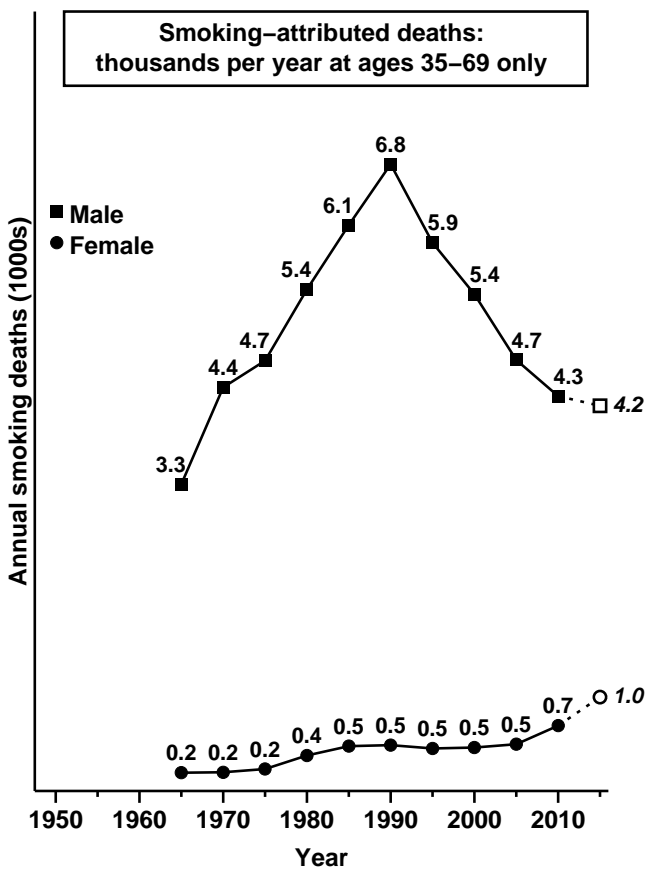
60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 529 / 2919

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

## 1960–2020, by age &amp; sex:

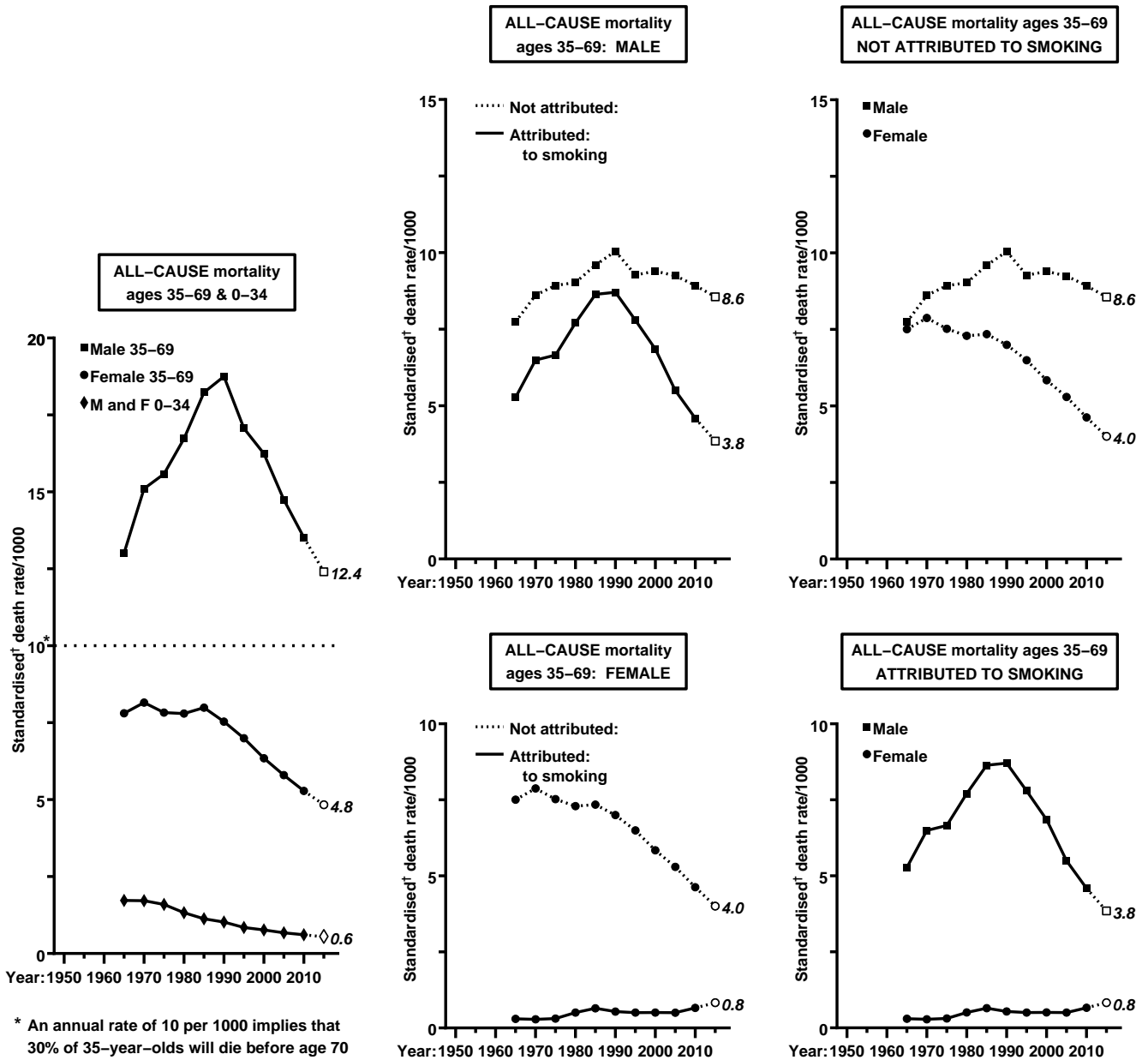
–/119	289/715 (40%)	174/732 (24%)	463/1565	–/61	29/361 (8%)	36/931 (4%)	66/1353
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1965-2015: SLOVAKIA



**SLOVAKIA: 1965-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

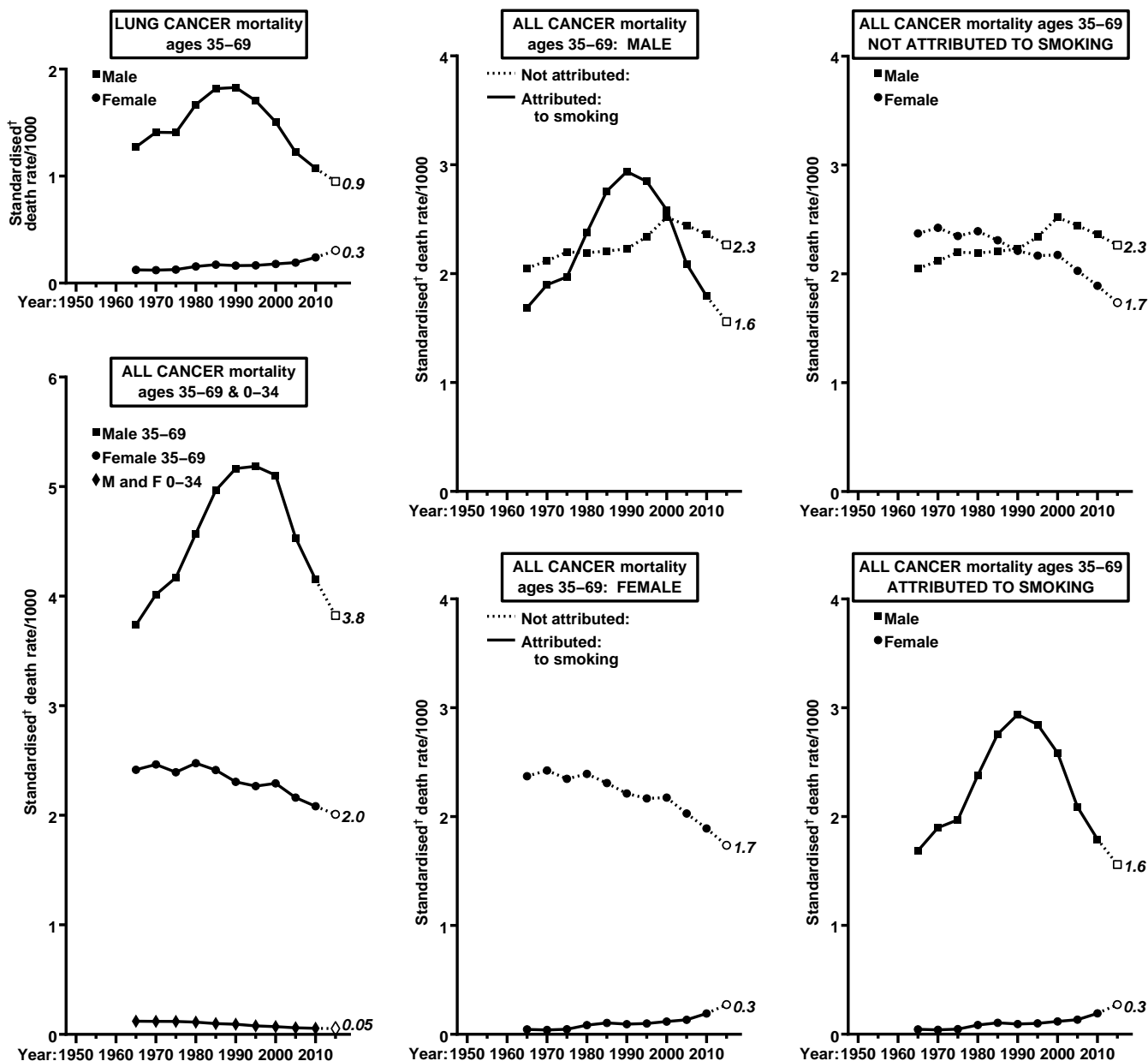


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	2.17	5.27	7.74	17.2	55.1	-	1.27	0.30	7.50	2.30	54.8
1970	-	2.22	6.49	8.61	25.0	58.2	-	1.20	0.28	7.87	2.49	56.9
1975	-	2.05	6.65	8.93	24.6	55.5	-	1.13	0.31	7.52	1.35	52.9
1980	-	1.73	7.70	9.02	24.2	56.5	-	0.92	0.50	7.29	1.61	51.1
1985	-	1.48	8.64	9.59	20.5	58.4	-	0.78	0.65	7.34	1.90	49.2
1990	-	1.35	8.70	10.0	20.0	60.3	-	0.69	0.54	7.00	2.61	47.4
1995	-	1.13	7.79	9.27	19.3	58.2	-	0.56	0.50	6.49	2.27	45.4
2000	-	1.03	6.85	9.39	19.4	52.7	-	0.50	0.51	5.84	1.73	40.7
2005	-	0.89	5.50	9.24	18.0	51.8	-	0.45	0.50	5.29	1.88	38.2
2010	-	0.83	4.59	8.93	15.9	48.4	-	0.39	0.66	4.62	2.05	34.5
2015	-	0.77	3.85	8.56	14.0	45.2	-	0.34	0.83	4.00	2.22	31.1

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

1965-2015: SLOVAKIA

ALL CANCER mortality rates attributed and not attributed to smoking



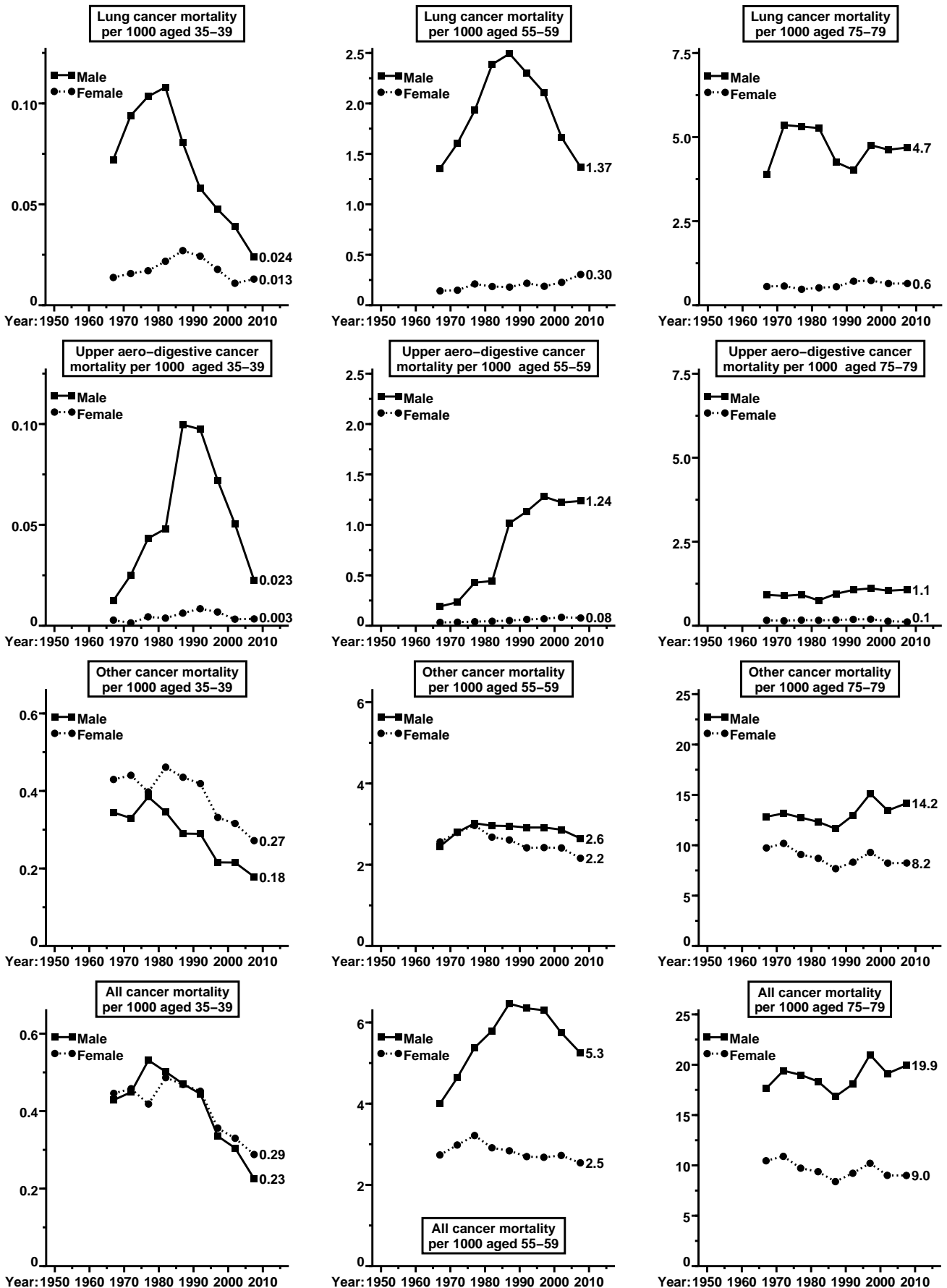
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.13	1.69	2.05	4.68	10.4	-	0.11	0.04	2.37	0.26	9.00
1970	-	0.13	1.90	2.12	6.71	10.7	-	0.10	0.04	2.42	0.29	9.28
1975	-	0.13	1.97	2.20	6.59	10.2	-	0.10	0.05	2.35	0.16	8.49
1980	-	0.13	2.38	2.19	6.81	10.1	-	0.09	0.08	2.39	0.21	8.20
1985	-	0.11	2.76	2.21	5.74	9.94	-	0.09	0.10	2.31	0.25	7.47
1990	-	0.10	2.94	2.23	6.05	10.8	-	0.09	0.09	2.21	0.39	7.62
1995	-	0.08	2.85	2.34	6.37	11.2	-	0.08	0.10	2.17	0.41	7.95
2000	-	0.07	2.58	2.52	6.75	11.9	-	0.07	0.12	2.17	0.32	8.03
2005	-	0.07	2.09	2.44	6.36	11.5	-	0.05	0.13	2.03	0.36	7.64
2010	-	0.06	1.79	2.36	5.95	11.4	-	0.05	0.19	1.89	0.45	7.56
2015	-	0.06	1.56	2.26	5.56	11.4	-	0.04	0.27	1.74	0.55	7.46

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

**SLOVAKIA: 1965-2010**

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

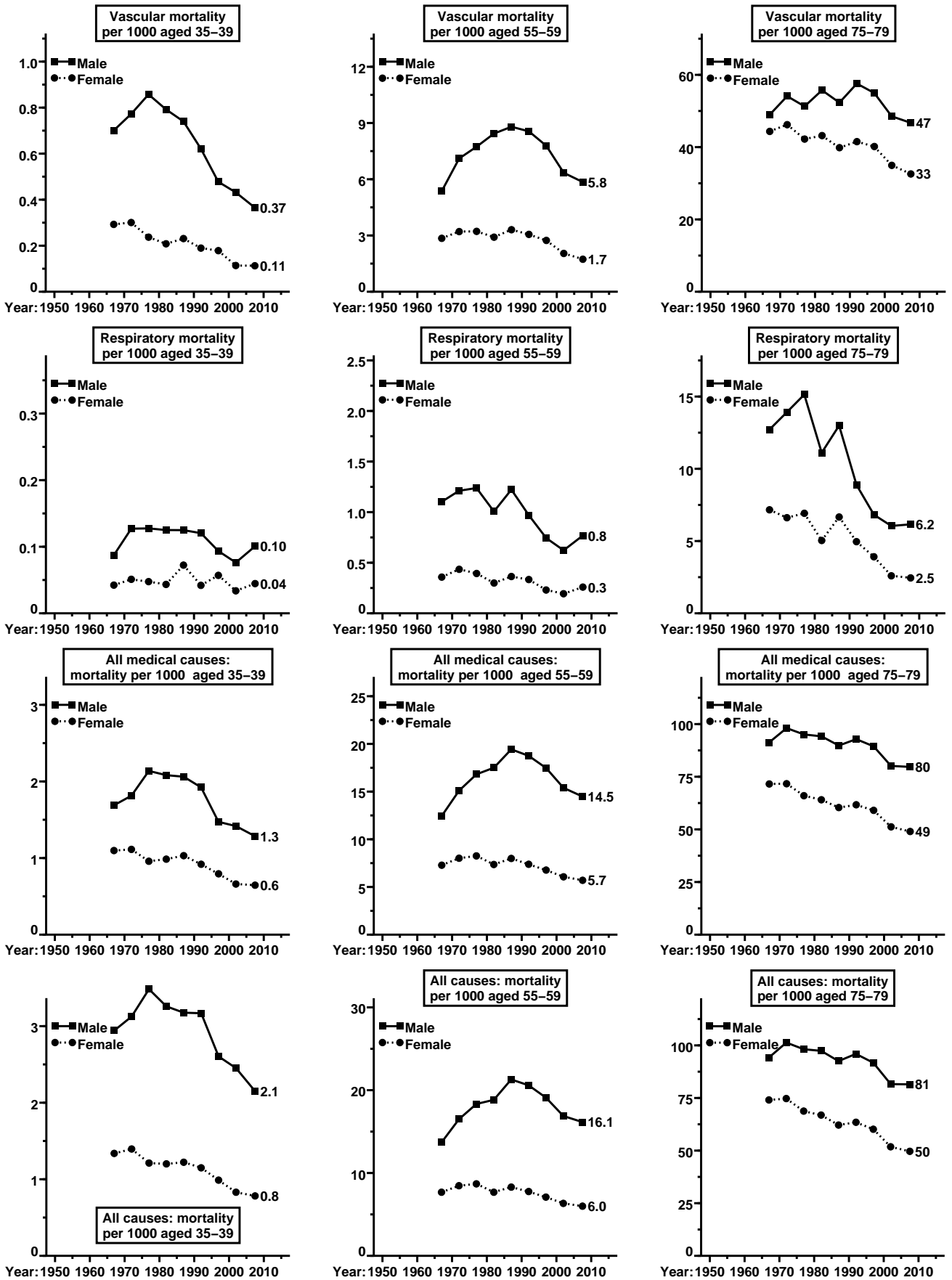


\* Annual mortality per 1000: averages of years available in 1965-69,.....,2000-04; then 6-year average 2005-10



1965-2010: SLOVAKIA

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2000-04; then 6-year average 2005-10

## SLOVENIA: 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	9292	239	3509	772.2	49.0	813.9	55.2	10.7	6.3	35.5	75.4	63.8	96.3
	F	9317	109	1536	435.5	27.4	348.8	90.7	13.6	6.7	15.8	12.8	12.7	39.7
Tuberculosis	M	11	-	4	0.9	-	0.8	-	-	-	-	-	-	-
	F	9	-	1	0.4	-	0.2	-	-	-	-	-	-	-
Other infective and parasitic	M	31	2	18	2.6	0.4	3.9	-	-	-	1.9	-	-	1.2
	F	33	-	5	1.5	-	1.3	-	-	-	-	-	-	-
ALL CANCER	M	3227	20	1372	265.1	4.0	325.3	1.9	2.1	-	3.7	4.3	3.8	11.9
	F	2616	28	807	144.4	6.1	182.7	10.1	4.5	-	-	1.6	4.2	22.5
Mouth and pharynx cancer	M	138	-	103	11.5	-	23.0	-	-	-	-	-	-	-
	F	31	-	15	2.0	-	3.3	-	-	-	-	-	-	-
Oesophagus cancer	M	63	1	40	5.2	0.2	9.1	-	-	-	-	-	-	1.2
	F	12	-	3	0.6	-	0.7	-	-	-	-	-	-	-
Stomach cancer	M	241	3	79	19.8	0.5	18.6	-	-	-	-	-	1.3	2.4
	F	153	-	31	7.4	-	7.1	-	-	-	-	-	-	-
Colorectal cancer	M	443	1	149	36.0	0.2	36.1	-	-	-	-	-	-	1.2
	F	343	2	85	17.7	0.4	19.7	-	-	-	-	-	1.4	1.3
Liver cancer	M	129	-	58	10.6	-	14.2	-	-	-	-	-	-	-
	F	62	-	13	3.1	-	3.2	-	-	-	-	-	-	-
Pancreas cancer	M	165	-	91	13.6	-	22.3	-	-	-	-	-	-	-
	F	198	1	51	10.3	0.2	12.1	-	-	-	-	-	-	1.3
Larynx cancer	M	58	-	31	4.8	-	6.9	-	-	-	-	-	-	-
	F	9	-	4	0.5	-	0.9	-	-	-	-	-	-	-
Lung cancer	M	805	2	422	66.1	0.3	99.6	-	-	-	-	-	1.3	1.2
	F	316	2	139	19.5	0.4	31.1	-	-	-	-	-	-	2.6
Malignant melanoma	M	70	1	41	5.9	0.2	9.2	-	-	-	-	1.4	-	-
	F	48	2	18	2.9	0.4	3.9	-	-	-	-	-	-	2.6
Female breast cancer	F	416	4	163	24.5	0.8	35.8	-	-	-	-	-	-	5.3
Cervix cancer	F	43	1	25	3.0	0.2	5.0	-	-	-	-	-	-	1.3
Other uterine cancer	F	91	-	23	4.8	-	5.3	-	-	-	-	-	-	-
Ovarian cancer	F	150	-	64	9.0	-	14.4	-	-	-	-	-	-	-
Prostate cancer	M	358	-	60	29.3	-	16.0	-	-	-	-	-	-	-
Bladder cancer	M	132	-	35	10.7	-	8.4	-	-	-	-	-	-	-
	F	52	-	10	2.5	-	2.4	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	405	9	195	33.6	1.9	45.1	1.9	2.1	-	1.9	1.4	-	6.0
	F	483	13	115	25.9	3.2	25.9	8.1	4.5	-	-	1.6	1.4	6.6
Hodgkin's disease	M	5	-	2	0.4	-	0.6	-	-	-	-	-	-	-
	F	5	-	1	0.2	-	0.2	-	-	-	-	-	-	-
Myeloma and non-Hodgkin lymphomas	M	135	-	46	11.0	-	11.1	-	-	-	-	-	-	-
	F	116	-	29	5.9	-	7.3	-	-	-	-	-	-	-
Leukaemia	M	80	3	20	6.7	0.7	4.9	-	-	-	1.9	1.4	1.3	-
	F	88	3	18	4.8	0.7	4.3	2.0	-	-	-	-	1.4	1.3
Diabetes	M	117	1	40	9.6	0.2	9.9	-	-	-	-	-	-	1.2
	F	138	1	22	6.5	0.2	5.2	-	-	-	-	-	-	1.3
ALL VASCULAR DISEASE	M	3071	11	806	253.3	1.9	193.2	-	-	-	-	2.9	-	10.7
	F	4260	4	270	169.2	1.0	63.9	-	2.3	-	2.0	1.6	1.4	-
Rheumatic heart disease and fever	M	30	-	7	2.5	-	1.9	-	-	-	-	-	-	-
	F	50	-	2	1.9	-	0.5	-	-	-	-	-	-	-
Hypertensive disease	M	173	-	32	14.3	-	8.1	-	-	-	-	-	-	-
	F	357	-	11	13.3	-	2.8	-	-	-	-	-	-	-
Ischaemic heart disease	M	1108	1	389	91.5	0.2	91.3	-	-	-	-	-	-	1.2
	F	943	-	78	39.0	-	18.9	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	59	-	17	4.8	-	4.0	-	-	-	-	-	-	-
	F	92	1	12	4.2	0.3	2.6	-	-	-	2.0	-	-	-
Cerebrovascular disease	M	829	5	180	67.9	0.8	45.2	-	-	-	-	-	-	6.0
	F	1144	3	98	47.2	0.8	22.7	-	2.3	-	-	1.6	1.4	-
Other vascular disease	M	872	5	181	72.3	0.9	42.6	-	-	-	-	2.9	-	3.6
	F	1674	-	69	63.5	-	16.3	-	-	-	-	-	-	-
Chronic obstructive pulmonary disease	M	271	-	50	22.2	-	13.1	-	-	-	-	-	-	-
	F	151	-	15	6.4	-	3.2	-	-	-	-	-	-	-
Other respiratory disease	M	290	2	32	23.9	0.3	7.9	-	-	-	-	-	1.3	1.2
	F	407	3	12	15.3	0.9	3.0	4.0	-	-	2.0	-	-	-
Peptic ulcer	M	27	-	7	2.2	-	1.6	-	-	-	-	-	-	-
	F	41	-	4	1.7	-	1.0	-	-	-	-	-	-	-
Liver cirrhosis	M	441	4	336	37.1	0.7	74.8	-	-	-	-	-	1.3	3.6
	F	175	1	106	12.3	0.2	23.3	-	-	-	-	-	-	1.3
Renal disease	M	71	-	5	5.9	-	1.3	-	-	-	-	-	-	-
	F	121	1	12	5.2	0.2	3.0	-	-	-	-	1.6	-	-
Pregnancy, birth	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital and perinatal causes	M	33	26	7	4.4	6.8	1.5	41.9	-	2.1	-	1.4	2.5	-
	F	40	32	6	5.7	9.3	1.2	56.4	2.3	4.4	2.0	-	-	-
Ill-defined causes	M	172	7	110	14.6	1.5	24.6	3.8	-	-	-	2.9	2.5	1.2
	F	103	5	24	5.4	1.2	5.6	4.0	-	-	-	1.6	1.4	1.3
Other medical causes	M	541	19	201	45.2	4.1	46.4	5.7	4.3	-	3.7	2.9	3.8	8.3
	F	697	13	121	33.5	3.5	27.1	10.1	2.3	2.2	4.0	1.6	1.4	2.6
ALL NON-MEDICAL CAUSES	M	989	147	521	85.2	29.0	109.4	1.9	4.3	4.2	26.2	60.9	48.5	57.1
	F	526	21	131	28.0	4.8	28.2	6.0	2.3	-	5.9	4.8	4.2	10.6
Road traffic accidents	M	111	43	51	9.9	8.4	10.2	-	2.1	-	5.6	20.3	12.8	17.8
	F	32	5	18	2.5	1.2	3.7	2.0	-	-	2.0	3.2	-	1.3
Fire	M	6	-	3	0.5	-	0.8	-	-	-	-	-	-	-
	F	3	-	-	0.1	-	-	-	-	-	-	-	-	-
Suicide	M	336	59	203	29.4	11.9	41.6	-	-	4.2	16.8	23.2	20.4	19.0
	F	78	6	51	6.1	1.3	10.8	-	-	-	2.0	-	4.2	2.6
POPULATION:														
(1000s; UN, 2015 revision)			M=male		1016.9	432.1	495.8	52.5	46.7	47.9	53.5	68.9	78.4	84.1
			F=female		1035.6	398.2	483.7	49.6	44.1	45.1	50.5	62.4	70.9	75.6

## 2010: SLOVENIA

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			
111.9	212.8	347.3	600.5	993.8	1502.9	1927.9	3381.2	5351.5	11907.6	M	ALL CAUSES	001-999/A00-Y89
55.2	95.4	157.0	267.1	399.9	564.4	902.3	1524.9	3008.9	9334.8	F		
-	-	-	1.3	2.5	-	2.2	2.6	7.1	17.2	M	Tuberculosis	010-018, 137/ A15-A19, B90
1.3	2.5	3.8	-	8.9	-	10.8	2.6	10.7	30.1	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
-	-	-	-	-	1.8	7.5	8.2	8.8	33.6	F		
14.2	54.1	94.4	211.9	424.3	653.4	824.7	1464.2	2061.3	3031.7	M	ALL CANCER	140-208/C00-C97
19.8	47.7	78.5	145.4	225.8	312.0	449.2	680.0	989.1	1678.9	F		
1.3	3.8	7.5	27.8	37.0	38.1	45.3	34.4	50.0	34.4	M	Mouth and pharynx cancer	140-149/C00-C14
-	1.3	2.6	1.3	5.3	7.0	5.6	10.3	6.6	13.4	F		
1.3	-	5.0	10.1	11.5	14.5	21.6	29.1	25.0	17.2	M	Oesophagus cancer	150/C15
-	-	-	-	1.3	1.8	1.9	2.1	6.6	8.4	F		
-	6.3	6.3	12.6	21.7	38.1	45.3	111.2	167.9	301.0	M	Stomach cancer	151/C16
-	1.3	5.2	2.6	9.3	7.0	24.4	26.8	85.5	117.5	F		
1.3	2.5	8.8	22.7	39.5	87.1	90.7	251.5	368.0	408.5	M	Colorectal cancer	153, 154/C18-C21
4.2	4.0	5.2	11.9	22.6	28.0	62.0	94.8	127.2	255.2	F		
-	1.3	3.8	7.6	15.3	30.9	41.0	98.0	71.5	60.2	M	Liver cancer	155.0, 155.1/C22
1.4	-	-	1.3	1.3	1.8	16.9	20.6	26.3	45.3	F		
1.3	3.8	3.8	7.6	30.6	38.1	71.2	74.1	78.6	103.2	M	Pancreas cancer	157/C25
-	2.6	5.2	7.9	6.6	26.3	35.7	49.5	83.3	141.0	F		
-	2.5	3.8	6.3	11.5	7.3	17.3	23.8	32.1	38.7	M	Larynx cancer	161/C32
-	-	-	-	2.7	-	3.8	2.1	2.2	5.0	F		
2.6	10.1	23.9	56.8	152.9	217.8	233.2	336.3	464.4	533.2	M	Lung cancer	162/C33, C34
2.8	1.3	14.4	35.7	39.9	63.1	60.1	82.4	116.2	137.7	F		
2.6	5.0	2.5	11.3	7.6	18.1	17.3	26.5	25.0	47.3	M	Malignant melanoma	172/C43
-	2.6	-	4.0	8.0	3.5	9.4	14.4	13.2	25.2	F		
4.2	15.9	18.3	34.4	49.2	70.1	58.3	92.7	122.8	248.5	F	Female breast cancer	174/C50
1.4	5.3	3.9	7.9	9.3	1.8	5.6	8.2	17.5	8.4	F	Cervix cancer	180/C53
1.4	-	1.3	2.6	8.0	10.5	13.2	30.9	28.5	67.2	F	Other uterine cancer	179, 182/C54, C55
1.4	6.6	7.8	5.3	19.9	28.0	31.9	33.0	54.8	75.5	F	Ovarian cancer	183.0/C56
-	-	1.3	5.0	7.6	39.9	58.3	169.5	285.8	662.2	M	Prostate cancer	185/C61
-	2.5	-	5.0	12.7	12.7	25.9	53.0	125.0	180.6	M	Bladder cancer	188/C67
-	-	-	-	5.3	1.8	9.4	12.4	24.1	42.0	F		
2.6	15.1	21.4	32.8	56.1	79.9	108.0	148.3	235.8	339.7	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
2.8	6.6	9.2	25.1	33.2	38.6	65.8	136.0	175.4	350.9	F		
-	-	-	-	-	1.8	2.2	-	3.6	8.6	M	Hodgkin's disease	201/C81
-	-	1.3	-	-	-	-	2.1	-	5.0	F		
1.3	-	1.3	5.0	16.6	23.6	30.2	68.8	89.3	163.4	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
-	-	3.9	1.3	1.3	12.3	31.9	26.8	61.4	77.2	F		
-	1.3	5.0	1.3	3.8	5.5	17.3	39.7	39.3	133.3	M	Leukaemia	204-208/C91-C95
-	-	-	4.0	2.7	10.5	13.2	35.0	37.3	55.4	F		
-	2.5	-	5.0	11.5	20.0	30.2	37.1	92.9	154.8	M	Diabetes	250/E10-E14
1.4	-	2.6	1.3	5.3	8.8	16.9	28.9	76.8	110.8	F		
14.2	29.0	70.5	124.9	212.8	370.3	531.1	1106.8	1964.8	5530.2	M	ALL VASCULAR DISEASE	390-459/I00-I99
15.6	10.6	30.1	29.1	43.8	99.9	218.1	478.1	1263.2	5335.6	F		
-	-	1.3	-	-	3.6	8.6	23.8	17.9	38.7	M	Rheumatic heart disease and fever	390-398/I00-I09
-	-	-	-	-	1.8	1.9	4.1	21.9	60.4	F		
-	-	-	6.3	7.6	12.7	30.2	68.8	100.0	374.1	M	Hypertensive disease	401-405/I10-I15
-	-	-	-	2.7	1.8	15.0	33.0	83.3	490.2	F		
7.7	12.6	39.0	68.1	112.1	170.6	228.8	444.8	635.9	1599.7	M	Ischaemic heart disease	410-414/I20-I25
1.4	1.3	6.5	11.9	8.0	26.3	77.1	150.4	320.2	1084.6	F		
-	2.5	-	3.8	3.8	7.3	10.8	21.2	64.3	68.8	M	Pulmonary embolism and other venous	415.1, 451-453/ 126, 180-182
1.4	2.6	3.9	-	1.3	5.3	3.8	12.4	30.7	99.1	F		
1.3	2.5	12.6	21.4	39.5	92.6	146.8	293.9	653.8	1505.1	M	Cerebrovascular disease	430-438/I60-I69
9.9	2.6	13.1	5.3	25.2	35.1	67.7	133.9	396.9	1338.1	F		
5.2	11.3	17.6	25.2	49.7	83.5	105.8	254.2	493.0	1943.8	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
2.8	4.0	6.5	11.9	6.6	29.8	52.6	144.2	410.1	2263.2	F		
-	-	-	2.5	12.7	29.0	47.5	82.1	221.5	550.4	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
-	-	-	6.6	6.6	7.0	1.9	20.6	54.8	169.6	F		
-	1.3	3.8	5.0	5.1	14.5	25.9	90.0	200.1	713.9	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
1.4	-	2.6	-	-	1.8	15.0	18.6	105.3	562.4	F		
-	1.3	-	2.5	1.3	1.8	4.3	7.9	14.3	55.9	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	1.3	-	5.6	6.2	11.0	48.7	F		
9.0	29.0	37.8	71.9	103.2	132.5	140.3	119.2	100.0	120.4	M	Liver cirrhosis	571/K70, K74
2.8	5.3	10.5	23.8	38.5	35.1	47.0	59.8	41.7	33.6	F		
1.3	-	-	-	1.3	-	6.5	18.5	46.4	197.8	M	Renal disease	580-590/N00-N19
-	-	-	1.3	1.3	8.8	9.4	18.6	43.9	132.6	F		
-	-	1.3	-	-	-	-	-	-	-	M	Pregnancy, birth Congenital and perinatal causes	630-676/A34,000-099 740-779/A33, P00-P96, Q00-Q99
1.4	-	-	1.3	4.0	1.8	-	-	4.4	-	F		
3.9	6.3	8.8	26.5	35.7	41.8	49.7	50.3	53.6	90.3	M	Ill-defined causes	780-799/R00-R99
2.8	2.6	-	4.0	2.7	14.0	13.2	8.2	28.5	95.7	F		
7.7	16.4	22.6	39.1	48.4	76.2	114.4	172.1	325.1	709.6	M	Other medical causes	Rest of 001-799/ rest of A00-R99
4.2	5.3	15.7	25.1	33.2	38.6	67.7	109.2	250.0	664.9	F		
60.5	70.5	104.5	109.8	122.3	157.9	140.3	227.7	253.6	705.3	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
5.7	23.9	17.0	29.1	35.9	35.1	50.8	88.6	125.0	460.0	F		
6.4	12.6	12.6	10.1	10.2	9.1	10.8	18.5	7.1	34.4	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
-	6.6	3.9	2.6	5.3	-	7.5	4.1	6.6	6.7	F		
-	-	-	-	1.3	1.8	2.2	-	3.6	8.6	M	Fire	E890-E899/X00-X09
-	-	-	-	-	-	-	-	-	5.0	F		
25.7	32.7	50.3	44.1	40.8	56.3	41.0	66.2	71.5	124.7	M	Suicide	E950-E959/X60-X84
4.2	8.0	2.6	18.5	12.0	22.8	7.5	18.6	8.8	13.4	F		
77.7	79.4	79.5	79.3	78.5	55.1	46.3	37.8	28.0	23.3	M	POPULATION	
70.6	75.5	76.4	75.6	75.3	57.1	53.2	48.5	45.6	59.6	F	(1000s; UN, 2015 revision)	

## SLOVENIA: 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	– / 0.3	– / 0.1	–
35–69	1.1 / 3.6	0.2 / 1.6	23 years
70+	1.2 / 5.4	0.6 / 7.6	8 years
All ages	2.3 / 9.3	0.8 / 9.3	14 years

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

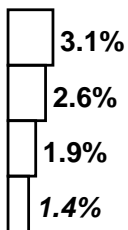
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/1	379/414	328/366	707/781	–/1	99/138	109/162	208/301
All Cancer	–/21	595/1397 (43%)	528/1777 (30%)	1123/3195	–/23	120/843 (14%)	146/1694 (9%)	266/2560
Vascular	–/11	354/859	406/2169	760/3039	–/2	69/281	322/4007	391/4290
Respiratory	–/2	50/89	206/489	256/580	–/1	13/31	110/560	123/592
All Other	–/230	103/1253	58/950	161/2433	–/76	26/414	41/1369	67/1859
All Causes	–/267	1102/3601 (31%)	1198/5386 (22%)	2300/9254	–/105	228/1569 (15%)	619/7629 (8%)	847/9303

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

Cause	Male	Female	Male + Female
All Cancer	1.1 / 3.2 (35%)	0.3 / 2.6 (10%)	1.4 / 5.8 (24%)
All Causes	2.3 / 9.3 (25%)	0.8 / 9.3 (9%)	3.1 / 19 (17%)

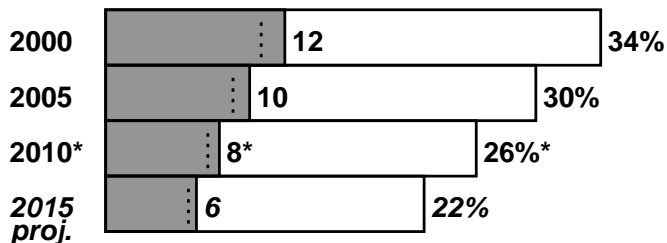
2000-2015: SLOVENIA

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)

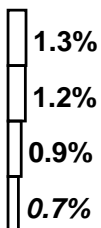
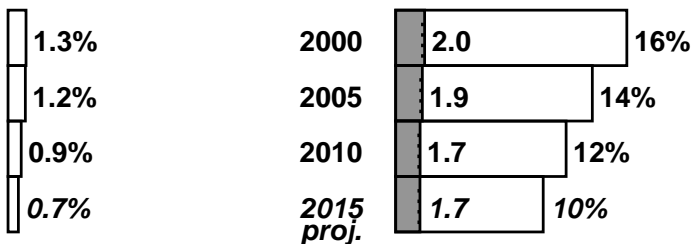
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 26 would die before age 70 (with 8 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



## SPAIN: 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	198121	4320	53964	612.8	41.8	607.1	81.1	10.1	13.3	31.2	46.2	50.0	60.9
	F	183926	2295	23590	350.7	24.5	248.9	74.8	7.2	8.5	14.2	18.2	20.3	28.2
Tuberculosis	M	262	8	80	0.8	0.1	0.8	0.1	-	-	-	-	0.1	0.2
	F	130	4	12	0.2	0.0	0.1	0.1	-	-	-	-	0.1	0.1
Other infective and parasitic	M	3208	92	1379	10.4	0.8	13.0	1.4	0.1	0.3	0.3	0.5	1.1	2.1
	F	2889	62	475	5.9	0.6	4.7	1.7	0.4	0.1	0.3	0.6	0.5	1.0
ALL CANCER	M	63959	524	23814	211.1	5.0	277.8	2.4	3.8	3.9	4.9	5.6	6.0	8.7
	F	39348	431	12848	99.2	4.2	135.0	3.1	2.2	2.8	3.1	4.1	4.8	9.4
Mouth and pharynx cancer	M	1754	13	1076	6.5	0.1	12.0	-	-	0.1	0.1	0.3	0.2	0.2
	F	523	6	193	1.4	0.1	2.0	-	-	-	0.1	-	0.1	0.1
Oesophagus cancer	M	1529	6	810	5.5	0.0	9.2	-	-	-	-	-	0.1	0.2
	F	279	2	103	0.7	0.0	1.1	-	-	-	-	-	0.1	0.1
Stomach cancer	M	3601	15	1323	11.8	0.1	15.5	-	-	-	-	0.2	0.3	0.4
	F	2250	10	578	5.2	0.1	6.1	-	-	-	-	-	0.3	0.3
Colorectal cancer	M	8816	25	2659	27.9	0.2	31.9	-	-	-	-	0.2	0.2	0.9
	F	6067	14	1506	13.8	0.1	16.2	-	-	-	-	0.3	0.1	0.4
Liver cancer	M	2451	12	1081	8.4	0.1	12.3	0.2	-	0.1	0.1	0.2	0.1	0.2
	F	987	3	179	2.2	0.0	1.9	-	-	-	-	-	-	0.1
Pancreas cancer	M	3000	5	1342	10.3	0.0	15.4	-	-	-	-	0.1	-	0.2
	F	2716	3	799	6.6	0.0	8.8	-	-	-	-	-	0.1	0.1
Larynx cancer	M	1439	1	719	5.1	0.0	8.3	-	-	-	-	-	-	0.1
	F	67	-	33	0.2	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	17303	17	7961	60.0	0.1	93.6	0.1	0.1	-	0.1	0.1	0.1	0.5
	F	3452	15	1820	10.5	0.1	18.7	0.1	-	-	0.1	0.2	0.2	0.4
Malignant melanoma	M	551	14	258	1.9	0.1	2.7	0.1	-	-	0.1	-	0.2	0.4
	F	424	13	172	1.2	0.1	1.7	0.1	-	-	-	0.2	0.3	0.3
Female breast cancer	F	6295	46	2735	17.3	0.3	27.6	-	-	-	0.1	-	0.3	2.1
Cervix cancer	F	667	17	367	2.1	0.1	3.5	-	-	-	-	-	0.1	0.8
Other uterine cancer	F	1489	5	474	3.7	0.0	5.2	-	-	-	-	-	0.1	0.1
Ovarian cancer	F	1961	21	916	5.7	0.2	9.7	-	-	-	0.1	0.2	0.3	0.7
Prostate cancer	M	5875	2	692	16.3	0.0	8.8	-	-	-	0.1	-	0.1	-
Bladder cancer	M	4033	3	940	12.2	0.0	11.5	-	-	-	-	-	0.1	0.1
	F	903	2	131	1.8	0.0	1.4	-	-	-	-	-	-	0.1
Other and ill-defined cancer sites	M	9398	261	3656	31.5	2.6	41.5	1.3	2.5	1.9	2.8	3.0	3.0	3.6
	F	7717	165	2062	18.6	1.7	22.0	1.5	1.7	1.7	1.3	1.9	1.4	2.7
Hodgkin's disease	M	147	22	61	0.5	0.2	0.6	-	-	0.2	0.2	0.6	0.4	0.2
	F	131	15	35	0.3	0.1	0.3	-	-	-	0.1	0.2	0.3	0.3
Myeloma and non-Hodgkin lymphomas	M	2245	36	759	7.3	0.3	8.8	0.1	0.3	0.3	0.6	0.2	0.2	0.7
	F	1964	15	438	4.5	0.1	4.9	-	-	-	0.1	0.6	0.3	0.1
Leukaemia	M	1817	92	477	5.8	1.0	5.4	0.7	1.0	1.3	0.8	0.9	1.0	1.0
	F	1456	79	307	3.5	0.9	3.2	1.4	0.5	1.1	1.2	0.6	0.8	0.7
Diabetes	M	4108	15	676	11.9	0.1	8.2	-	-	-	-	0.3	0.1	0.4
	F	5691	9	364	9.7	0.1	4.2	-	-	-	-	-	0.3	0.2
ALL VASCULAR DISEASE	M	54406	300	11448	159.5	2.6	131.2	1.4	0.3	0.4	2.2	3.2	4.3	6.6
	F	64722	159	3709	106.7	1.6	40.7	1.9	0.5	0.5	1.3	1.6	2.4	2.9
Rheumatic heart disease and fever	M	519	3	123	1.6	0.0	1.5	-	-	0.1	0.1	-	-	0.1
	F	1297	2	200	2.6	0.0	2.3	-	-	-	-	-	-	0.1
Hypertensive disease	M	3124	3	378	8.5	0.0	4.7	-	-	-	0.1	-	0.1	0.1
	F	6350	3	165	9.7	0.0	1.9	-	-	-	-	-	0.1	0.1
Ischaemic heart disease	M	20226	84	5547	61.9	0.7	63.2	-	-	0.1	0.3	0.9	1.0	2.4
	F	15042	25	1127	25.9	0.2	12.5	0.1	-	-	0.1	0.1	0.6	0.7
Pulmonary embolism and other venous	M	914	8	255	2.8	0.1	2.8	-	-	-	-	0.2	0.1	0.1
	F	1352	15	162	2.5	0.1	1.7	-	-	0.1	-	0.2	0.3	0.4
Cerebrovascular disease	M	12632	57	1972	35.8	0.5	23.1	0.1	-	0.2	0.2	0.6	0.8	1.4
	F	17529	35	1021	29.0	0.3	11.0	0.3	0.1	-	0.4	0.2	0.8	0.6
Other vascular disease	M	16991	145	3173	48.9	1.3	36.0	1.4	0.3	-	1.5	1.4	2.3	2.4
	F	23152	79	1034	37.0	0.8	11.3	1.4	0.4	0.4	0.8	1.1	0.6	1.1
Chronic obstructive pulmonary disease	M	11647	11	1262	32.1	0.1	15.9	-	-	0.1	0.2	0.1	0.2	0.2
	F	4036	13	313	6.9	0.1	3.5	0.1	-	-	-	0.2	0.3	0.3
Other respiratory disease	M	11804	144	1592	32.7	1.3	17.9	1.5	0.3	0.2	0.4	1.4	2.4	2.7
	F	12779	73	641	20.7	0.8	6.8	1.4	0.4	0.1	0.7	0.5	1.2	1.0
Peptic ulcer	M	291	1	79	0.9	0.0	0.8	-	-	-	-	-	-	0.1
	F	224	2	24	0.4	0.0	0.3	0.1	-	-	-	-	-	0.1
Liver cirrhosis	M	3448	13	2245	12.9	0.1	24.0	-	0.1	-	-	-	0.1	0.5
	F	1348	8	552	3.8	0.1	5.7	-	0.1	0.1	0.1	-	0.1	0.2
Renal disease	M	3293	13	317	8.9	0.1	3.8	0.5	0.1	-	-	-	-	0.3
	F	3460	9	147	5.6	0.1	1.7	0.1	0.1	-	-	-	0.1	0.3
Pregnancy, birth	F	20	15	5	0.1	0.1	0.0	-	-	-	0.1	0.2	0.3	0.4
Congenital and perinatal causes	M	946	769	125	5.5	8.7	1.2	54.9	1.2	1.1	1.1	1.1	0.6	0.7
	F	856	663	122	5.0	7.9	1.1	51.2	0.6	1.0	0.6	0.6	0.5	0.9
Ill-defined causes	M	5524	336	2213	18.4	3.2	22.5	5.2	0.6	0.9	2.0	3.7	4.8	5.1
	F	5248	142	703	10.1	1.4	6.9	4.1	-	0.6	0.4	1.1	1.9	2.1
Other medical causes	M	25913	434	4313	74.1	4.3	48.6	8.2	1.9	2.9	4.0	3.5	4.3	5.5
	F	38421	282	2470	64.6	3.1	26.7	6.7	1.4	2.2	2.7	3.5	2.4	2.9
ALL NON-MEDICAL CAUSES	M	9312	1660	4421	33.6	15.3	41.4	5.6	1.7	3.5	16.1	26.9	25.9	27.8
	F	4754	423	1205	11.8	4.3	11.6	4.4	1.6	1.2	5.0	6.0	5.5	6.5
Road traffic accidents	M	1845	649	892	7.4	6.2	8.2	1.8	0.4	1.7	9.0	11.4	10.7	8.6
	F	514	157	192	1.9	1.7	1.8	1.3	0.8	0.9	3.0	2.9	1.7	1.6
Fire	M	121	20	56	0.5	0.2	0.6	0.3	0.1	-	0.1	0.4	0.2	0.3
	F	67	8	22	0.2	0.1	0.2	0.2	-	-	-	0.1	0.2	0.1
Suicide	M	2468	374	1465	9.1	3.2	13.6	-	-	0.3	1.9	6.0	5.9	8.4
	F	690	82	442	2.4	0.8	4.1	-	-	-	0.6	1.4	1.3	2.0
POPULATION:			M=male		23044	9641	11003	1260	1175	1064	1130	1282	1641	2089
(1000s; UN, 2015 revision)			F=female		23557	9100	10972	1187	1110	1007	1068	1214	1556	1957

2010: SPAIN

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			
88.3	159.0	269.4	445.4	697.6	1047.0	1542.7	2496.0	4188.1	10477.2	M	ALL CAUSES	001-999/A00-Y89
45.5	82.9	130.1	196.5	291.8	395.3	600.2	1097.8	2110.7	8483.2	F		
0.2	0.5	1.2	0.8	0.5	1.4	0.8	3.0	5.2	13.2	M	Tuberculosis	010-018, 137/A15-A19, B90
-	0.3	0.1	0.1	0.1	-	0.3	1.1	2.3	5.4	F		
5.1	12.6	17.6	14.5	10.8	13.9	16.3	29.1	54.7	129.6	M	Other infective and parasitic	Rest of 001-139,279.5&.6/rest of A00-B99 excl A33,A34
2.2	3.4	5.4	3.0	3.6	4.6	10.4	19.3	39.2	118.9	F		
14.5	32.9	88.3	189.6	341.3	536.1	741.8	1065.9	1502.0	2344.6	M	ALL CANCER	140-208/C00-C97
19.9	42.2	69.7	121.0	174.0	223.3	294.7	424.4	596.3	1067.0	F		
0.5	1.6	5.8	11.5	18.6	21.8	24.1	21.6	32.7	29.2	M	Mouth and pharynx cancer	140-149/C00-C14
0.1	0.7	1.2	2.1	2.7	3.4	3.9	5.4	6.1	14.1	F		
0.2	1.2	3.4	8.6	15.6	15.0	20.2	29.1	25.7	33.8	M	Oesophagus cancer	150/C15
-	0.1	0.5	1.2	1.9	2.0	2.1	3.5	3.6	7.0	F		
0.9	2.0	4.0	10.7	19.6	29.6	41.4	59.9	84.7	135.8	M	Stomach cancer	151/C16
1.2	2.0	2.8	4.4	7.3	10.6	14.6	23.0	35.9	72.2	F		
0.8	2.5	8.1	17.9	35.1	60.5	98.5	149.1	224.2	385.4	M	Colorectal cancer	153, 154/C18-C21
1.3	2.9	6.9	13.6	22.3	26.0	40.7	60.4	92.1	203.4	F		
0.6	1.7	6.3	9.9	14.1	22.3	31.2	45.6	59.6	64.4	M	Liver cancer	155.0/C22 excl C221
0.1	0.7	0.5	1.4	2.4	3.6	4.8	12.4	23.5	29.9	F		
0.8	2.2	5.6	12.1	19.2	29.0	39.0	51.8	71.5	82.9	M	Pancreas cancer	157/C25
0.6	1.4	2.5	6.5	10.6	15.1	24.9	33.5	47.5	74.2	F		
0.1	0.4	2.0	7.2	13.1	16.7	18.9	23.9	28.9	36.6	M	Larynx cancer	161/C32
-	0.1	0.1	0.6	0.7	0.3	0.5	0.6	1.2	1.1	F		
2.2	7.9	25.4	63.6	120.0	190.8	245.6	322.0	393.2	448.2	M	Lung cancer	162/C33, C34
1.4	5.6	11.6	23.4	27.7	31.0	30.2	39.8	41.3	54.2	F		
0.8	0.9	2.2	2.5	2.9	4.3	5.2	6.8	11.1	16.7	M	Malignant melanoma	172/C43
0.6	0.9	1.3	1.6	2.1	2.7	3.0	4.2	4.7	10.1	F		
6.5	13.9	18.2	29.2	37.4	40.0	48.4	57.1	77.9	145.6	F	Female breast cancer	174/C50
1.4	2.3	3.3	4.1	4.7	4.2	4.8	7.2	8.6	8.4	F	Cervix cancer	180/C53
0.1	0.9	1.7	3.2	5.9	10.9	13.8	19.9	25.4	37.5	F	Other uterine cancer	179, 182/C54, C55
1.2	2.6	5.2	8.3	11.2	17.2	22.2	21.8	30.0	34.0	F	Ovarian cancer	183/C56, C570-C574
0.1	-	0.8	2.4	6.7	17.0	35.0	73.8	152.5	408.6	M	Prostate cancer	185/C61
0.2	0.6	1.4	5.4	12.4	24.1	36.6	65.1	104.0	211.8	M	Bladder cancer	188/C67
0.1	0.2	0.7	1.1	1.5	2.3	4.3	8.1	13.8	37.0	F		
5.2	8.8	17.6	27.8	48.8	79.7	102.7	149.1	205.9	324.4	M	Other and ill-defined cancer sites	Rest of 140-199/rest of C00-C80, C97
3.4	6.1	10.4	15.2	27.4	38.4	53.0	83.2	122.5	230.9	F		
0.2	0.2	0.5	0.7	0.8	0.7	1.4	2.5	1.9	3.6	M	Hodgkin's disease	201/C81
0.3	0.1	0.3	0.2	0.1	0.7	0.6	1.4	1.6	3.4	F		
0.5	1.4	3.4	5.9	9.4	15.7	25.6	34.7	59.1	86.3	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/C82-C90, C96
0.6	1.0	1.1	2.9	4.4	9.0	15.1	26.9	38.5	57.6	F		
1.4	1.5	1.8	3.4	4.9	8.7	16.4	30.8	46.9	76.8	M	Leukaemia	204-208/C91-C95
1.1	0.9	1.4	2.0	3.5	6.0	7.7	16.0	22.1	46.4	F		
0.3	0.6	1.9	3.5	8.5	15.1	27.9	58.1	113.0	249.4	M	Diabetes	250/E10-E14
0.1	0.4	0.8	1.3	4.0	6.6	16.3	33.4	76.2	284.2	F		
12.9	28.2	52.6	91.2	146.6	226.5	360.7	639.5	1150.8	3425.6	M	ALL VASCULAR DISEASE	390-459/I00-I99
4.1	8.3	16.4	24.6	41.9	66.0	123.8	299.5	682.4	3437.9	F		
0.1	0.2	0.1	0.8	1.7	3.4	4.2	6.7	13.8	28.0	M	Rheumatic heart disease and fever	390-398/I00-I09
0.1	-	0.4	0.9	1.7	3.7	9.5	14.8	24.2	47.4	F		
0.1	0.5	0.8	2.1	4.4	7.1	17.6	28.9	56.1	247.9	M	Hypertensive disease	401-405/I10-I15
0.2	0.1	0.3	1.0	1.6	3.8	6.1	19.9	52.1	368.1	F		
5.1	12.8	27.7	48.1	73.3	110.4	164.8	268.5	440.3	1083.0	M	Ischaemic heart disease	410-414/I20-I25
0.7	2.2	4.6	6.7	13.4	20.8	39.1	90.5	185.8	749.3	F		
0.5	1.4	1.5	2.4	2.5	5.0	6.0	11.5	17.4	50.8	M	Pulmonary embolism and other venous	415.1, 451-453/126, 180-182
0.5	0.8	0.7	1.1	1.6	2.3	5.0	7.5	15.9	63.4	F		
1.8	3.7	8.5	14.6	23.6	37.5	72.1	143.8	292.1	860.7	M	Cerebrovascular disease	430-438/I60-I69
1.3	2.6	5.6	7.9	12.0	16.2	31.5	80.5	196.1	923.2	F		
5.4	9.6	13.9	23.4	41.1	63.1	95.9	180.2	331.1	1155.3	M	Other vascular disease	Rest of 390-459/rest of I00-I99
1.3	2.5	4.7	7.0	11.7	19.2	32.6	86.2	208.4	1286.5	F		
0.3	0.8	2.1	5.4	12.0	30.0	60.6	143.7	296.0	830.2	M	Chronic obstructive pulmonary disease	490-496/J40-J47, J67
0.2	0.5	1.4	2.3	3.9	4.7	11.0	22.7	43.5	205.3	F		
4.2	5.5	8.6	11.8	16.7	25.2	53.3	108.2	232.7	884.0	M	Other respiratory disease	Rest of 460-519/rest of J00-J98
1.6	2.5	3.0	4.7	6.6	11.9	17.4	49.0	114.8	702.6	F		
0.1	0.2	0.4	0.9	1.1	1.7	1.4	3.3	5.9	16.6	M	Peptic ulcer	531-533/K25-K27
0.1	0.1	0.1	0.1	0.3	0.7	0.5	1.1	2.4	11.0	F		
2.2	8.4	15.8	27.2	32.2	38.0	43.9	51.4	54.7	43.3	M	Liver cirrhosis	571/K70, K74
0.7	2.4	5.0	4.7	6.3	9.2	11.3	19.4	22.4	24.9	F		
0.2	0.8	0.8	1.8	4.1	6.3	12.6	28.4	67.1	264.7	M	Renal disease	580-590/N00-N19
0.1	0.2	0.3	1.1	1.6	2.7	5.7	16.3	37.6	186.3	F		
0.2	-	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
0.4	1.0	1.1	1.1	1.6	1.6	1.9	1.5	1.5	3.4	M	Congenital and perinatal causes	740-779/A33, P00-P96, Q00-Q99
0.7	0.9	1.1	1.4	1.4	1.5	1.1	1.3	2.1	2.5	F		
7.5	13.7	18.6	22.2	27.7	29.2	38.4	49.0	73.3	240.9	M	Ill-defined causes	780-799/R00-R99
3.1	3.9	5.6	7.0	8.5	9.4	11.0	19.5	43.2	254.4	F		
7.2	14.0	23.0	33.8	52.1	78.6	131.3	247.5	532.2	1801.2	M	Other medical causes	Rest of 001-799/rest of A00-R99
5.1	8.4	11.9	14.4	26.9	42.5	77.6	164.0	402.7	2020.9	F		
33.0	40.0	37.6	41.6	42.3	43.3	51.8	67.5	99.2	230.6	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
7.3	9.5	9.5	10.9	12.7	12.1	19.1	26.7	45.5	161.9	F		
8.0	8.6	7.5	8.3	7.5	7.9	9.3	10.4	12.7	14.8	M	Road traffic accidents	E810-E819, E826-E829/part of V01-V99, Y850
1.4	1.4	1.5	1.4	2.0	2.3	2.9	4.7	4.1	5.2	F		
0.2	0.4	0.3	0.6	0.4	0.7	1.4	1.6	1.1	2.9	M	Fire	E890-E899/X00-X09
-	0.1	0.1	0.4	0.3	-	0.7	0.4	0.7	1.8	F		
10.8	13.4	13.0	15.2	13.7	14.2	14.7	17.4	23.7	36.9	M	Suicide	E950-E959/X60-X84
2.9	4.5	4.0	4.2	4.1	4.2	4.7	4.7	5.1	4.6	F		
2121	1960	1832	1600	1309	1183	998	811	746	843	M	POPULATION	
1976	1858	1791	1609	1354	1269	1115	984	1020	1482	F	(1000s; UN, 2015 revision)	

## SPAIN: 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	– / 4.5	– / 2.4	–
35–69	19 / 54	2.2 / 24	25 years
70+	31 / 142	1.7 / 162	7 years
All ages	50 / 201	3.9 / 188	14 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	7.2/8.0	8.3/9.4	16/17	–/0.0	1.0/1.8	0.3/1.6	1.3/3.4
All Cancer	–/0.5	10/24 (44%)	12/40 (31%)	23/64	–/0.4	1.1/13 (9%)	0.4/26 (1%)	1.5/39
Vascular	–/0.3	4.5/12	7.0/43	12/55	–/0.2	0.5/3.8	0.6/62	1.0/66
Respiratory	–/0.2	1.7/3.1	8.9/22	11/25	–/0.1	0.2/1.0	0.5/17	0.7/18
All Other	–/3.5	2.3/16	2.9/37	5.2/57	–/1.7	0.3/6.2	0.2/57	0.6/65
All Causes	–/4.5	19/54 (35%)	31/142 (22%)	50/201	–/2.4	2.2/24 (9%)	1.7/162 (1%)	3.9/188

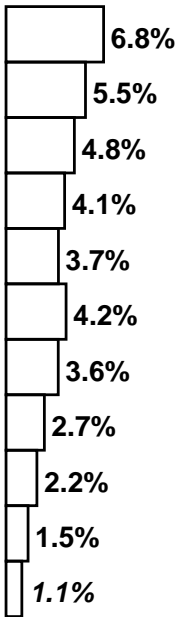
## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	23 / 64 (36%)	1.5 / 39 (4%)	24 / 104 (23%)
All Causes	50 / 201 (25%)	3.9 / 188 (2%)	54 / 389 (14%)



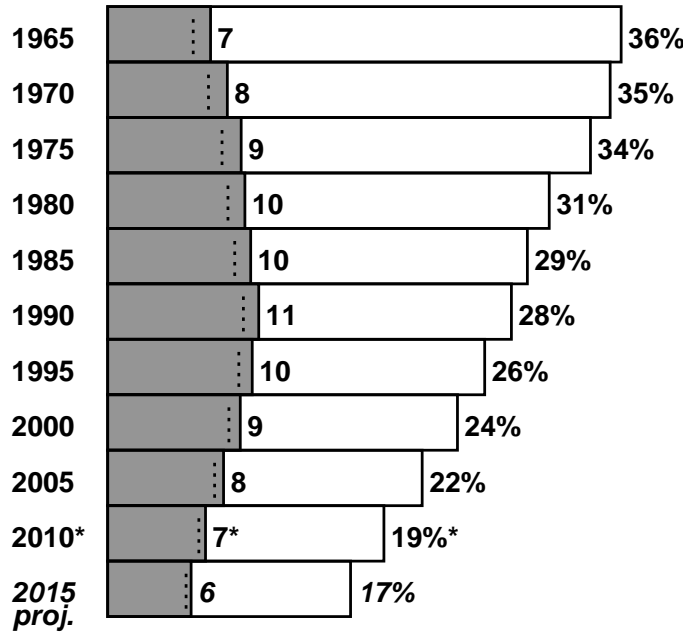
1965-2015: SPAIN

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)

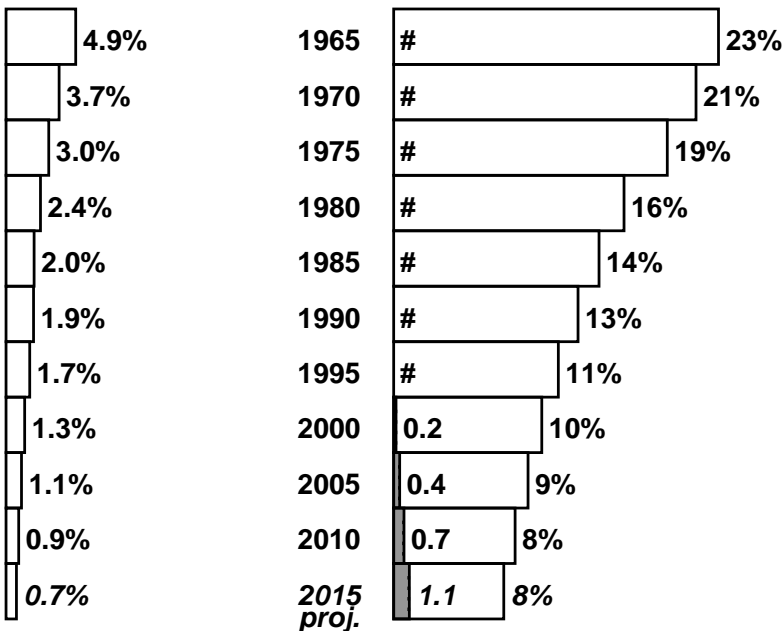
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 19 would die before age 70 (with 7 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



# Real risk too low to estimate reliably

<b>SPAIN: 1960-2015</b>
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**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	– / 2.7	– / 1.7	–
35–69	17 / 51	3.5 / 24	<b>25 years</b>
70+	29 / 141	3.0 / 162	7 years
<b>All ages</b>	<b>47 / 194</b>	<b>6.5 / 188</b>	<b>14 years</b>

**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	–/21	11/56 <b>(20%)</b>	5.5/62 <b>(9%)</b>	17/139	–/14	0.1/38	0.0/79	0.1/131
1975	–/15	17/61 <b>(27%)</b>	12/78 <b>(16%)</b>	29/154	–/9.0	0.0/37	0.0/97	0.0/142
1985	–/11	20/60 <b>(34%)</b>	19/91 <b>(21%)</b>	39/162	–/5.4	0.0/30	0.0/110	0.0/145
1995	–/11	24/62 <b>(38%)</b>	28/111 <b>(25%)</b>	52/183	–/4.4	0.0/27	0.0/130	0.0/162
2005	–/6.5	21/56 <b>(37%)</b>	31/136 <b>(23%)</b>	52/198	–/2.9	1.2/24 <b>(5%)</b>	0.5/155 <b>(0.3%)</b>	1.7/182
2015 <i>proj.</i>	–/2.7	17/51 <b>(34%)</b>	29/141 <b>(21%)</b>	47/194	–/1.7	3.5/24 <b>(15%)</b>	3.0/162 <b>(2%)</b>	6.5/188

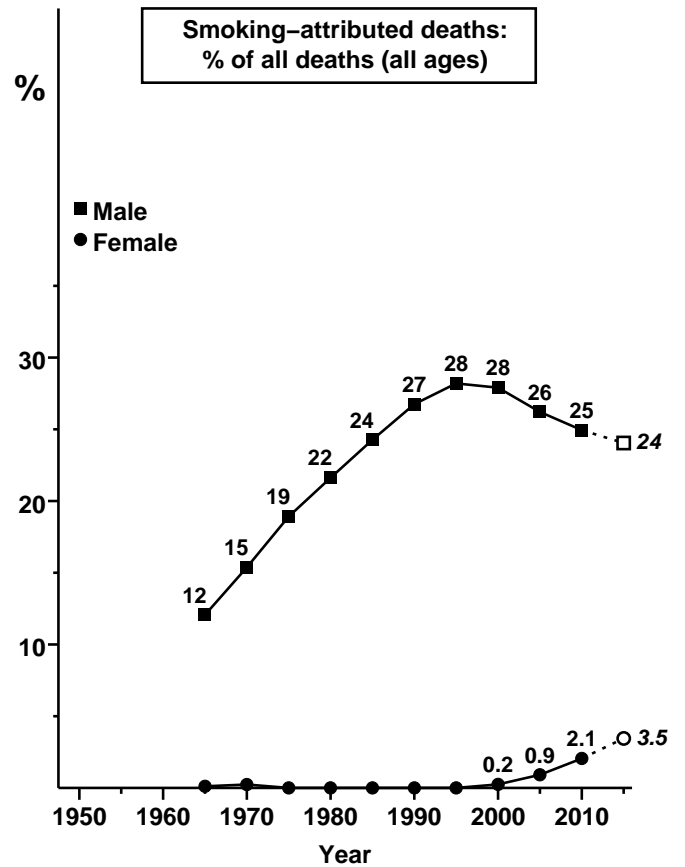
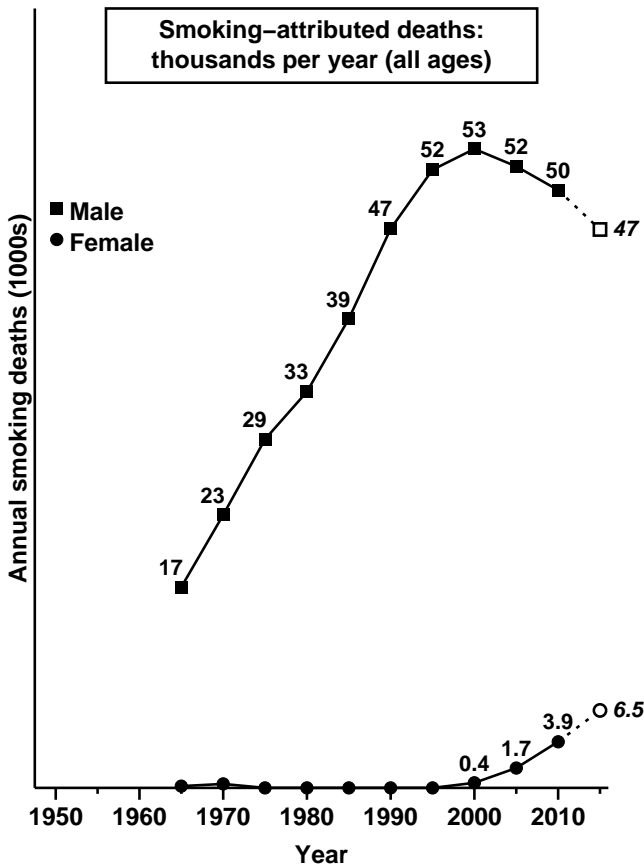
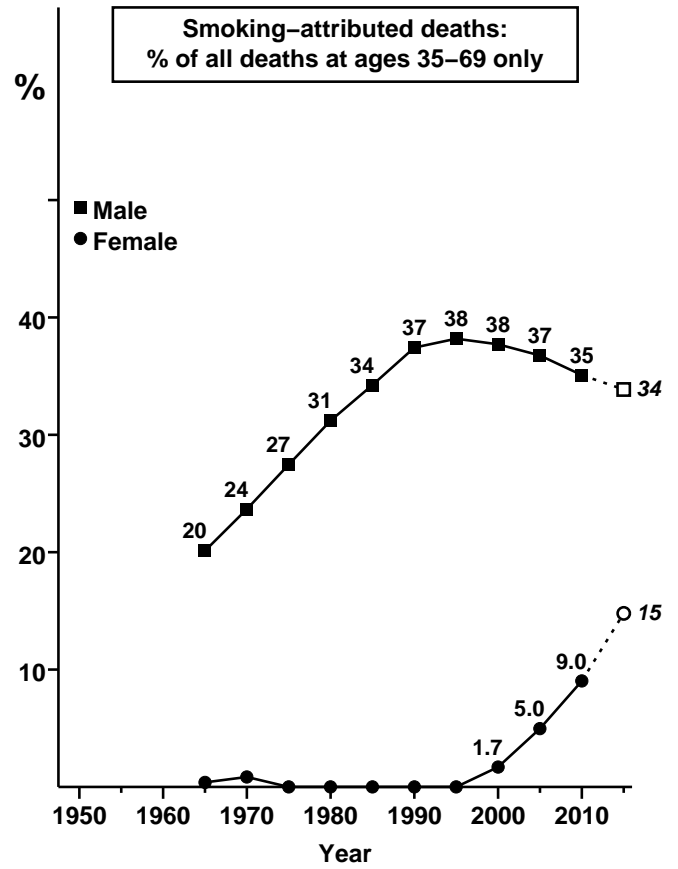
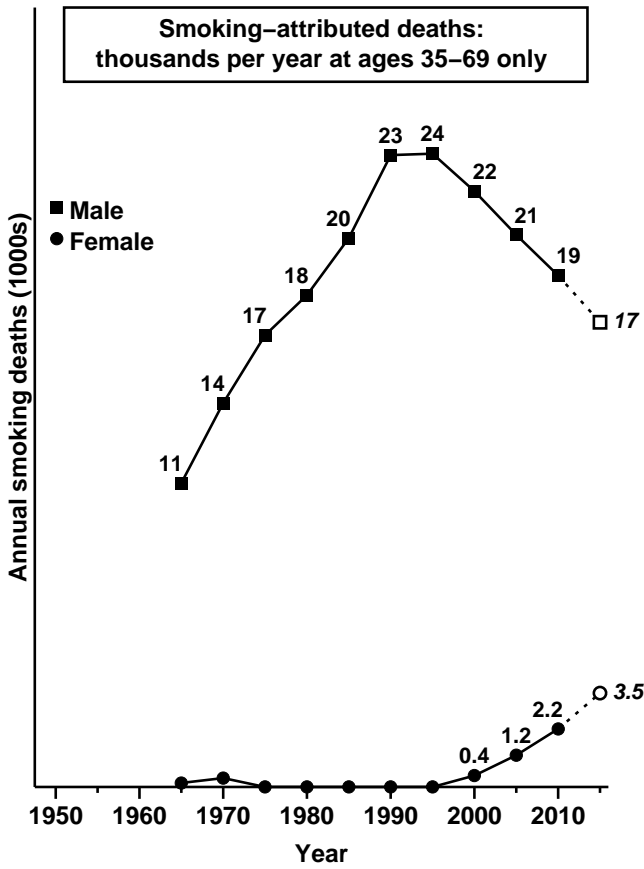
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 2.4 / 20M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

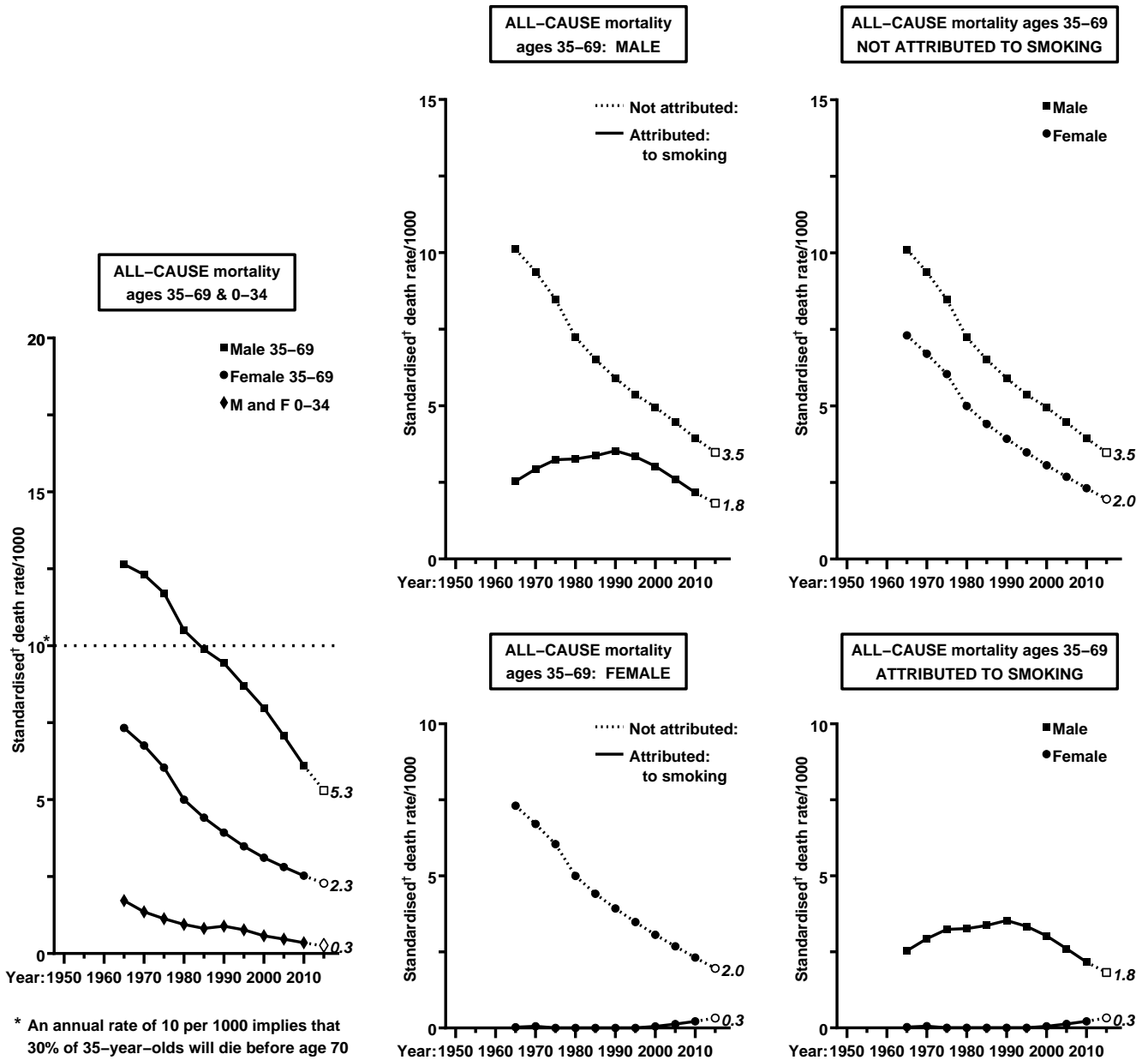
–/0.7M	1.1/3.5M <b>(32%)</b>	1.3/6.2M <b>(20%)</b>	2.4/10M	–/0.4M	0.0/1.8M <b>(3%)</b>	0.0/7.3M <b>(0.5%)</b>	0.1/9.5M
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1965-2015: SPAIN



**SPAIN: 1965-2015**

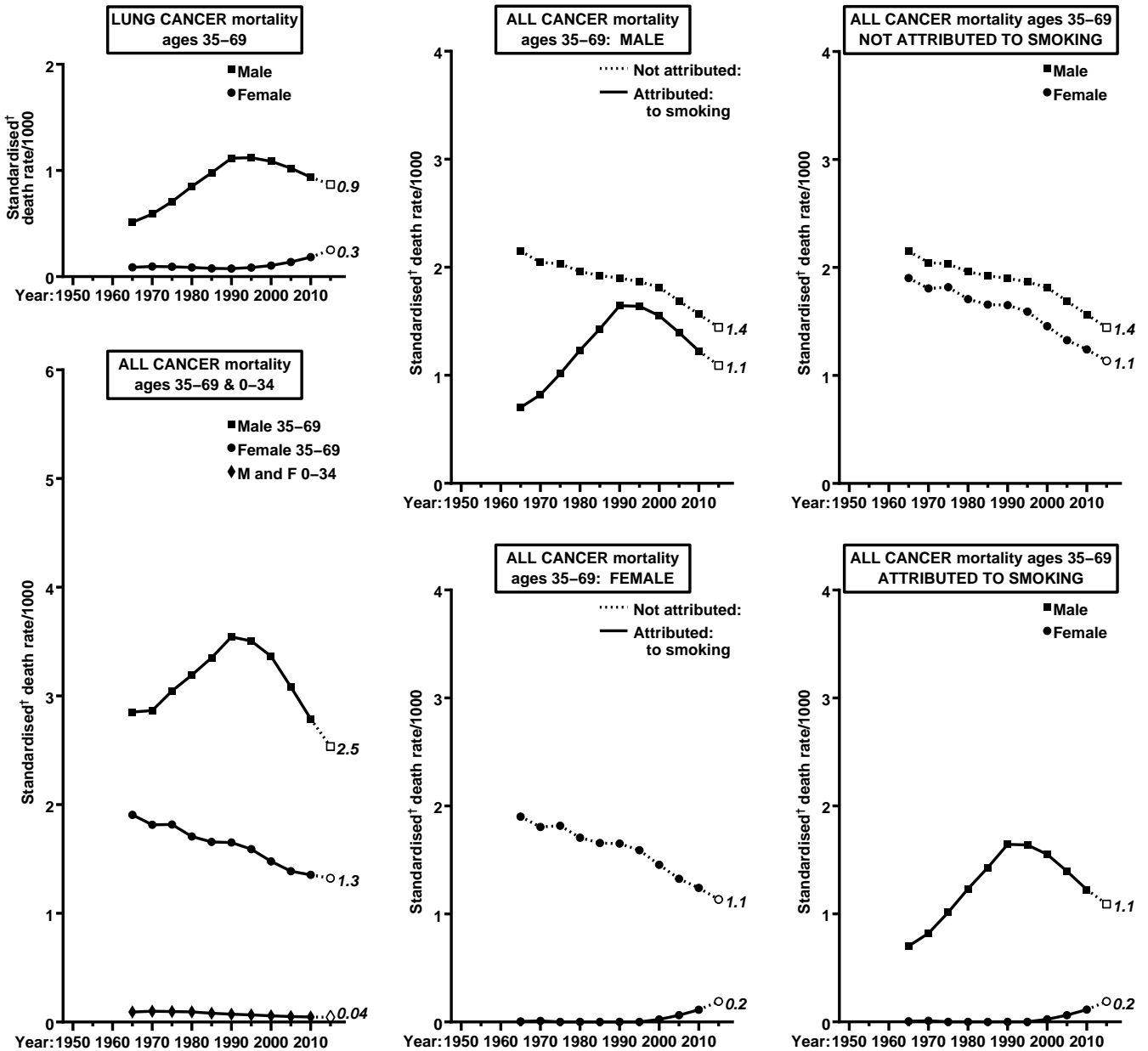
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)						
	Attributed to smoking?	0-34		35-69		70-79		Yes	No	35-69		70-79		
		Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	
1965	-	2.01	2.53	10.1	7.08	65.2	-	1.42	0.02	7.31	0.00	50.6		
1970	-	1.63	2.93	9.38	9.65	63.5	-	1.08	0.05	6.70	0.00	49.5		
1975	-	1.39	3.24	8.47	11.7	56.4	-	0.86	0.00	6.04	0.00	44.8		
1980	-	1.19	3.26	7.24	11.9	47.6	-	0.69	0.00	5.00	0.00	36.5		
1985	-	1.06	3.37	6.51	12.7	42.6	-	0.56	0.00	4.41	0.00	32.8		
1990	-	1.22	3.53	5.90	13.7	38.0	-	0.55	0.00	3.93	0.00	28.7		
1995	-	1.06	3.34	5.37	13.9	34.7	-	0.48	0.00	3.48	0.00	25.5		
2000	-	0.77	3.02	4.95	12.6	32.6	-	0.37	0.05	3.06	0.00	22.8		
2005	-	0.62	2.60	4.46	10.3	28.9	-	0.31	0.13	2.68	0.09	19.4		
2010	-	0.44	2.16	3.94	8.71	25.3	-	0.25	0.21	2.31	0.25	16.1		
2015	-	0.32	1.82	3.48	7.39	22.1	-	0.21	0.32	1.96	0.39	13.3		

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

ALL CANCER mortality rates attributed and not attributed to smoking



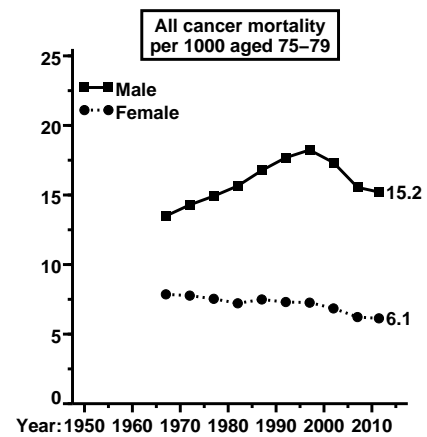
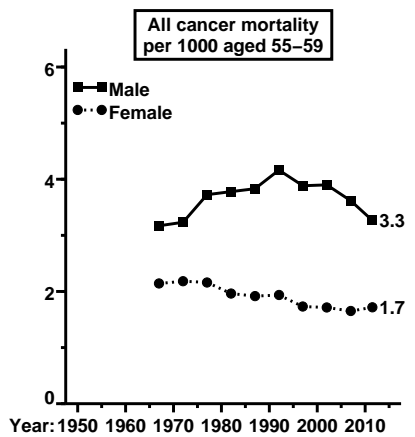
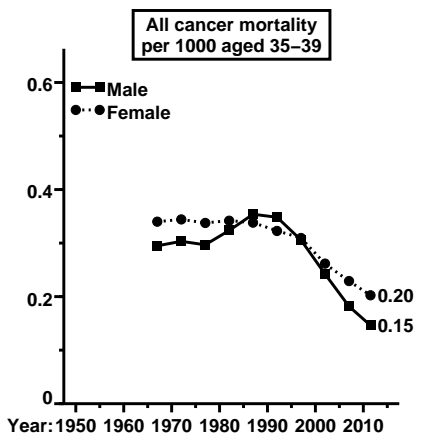
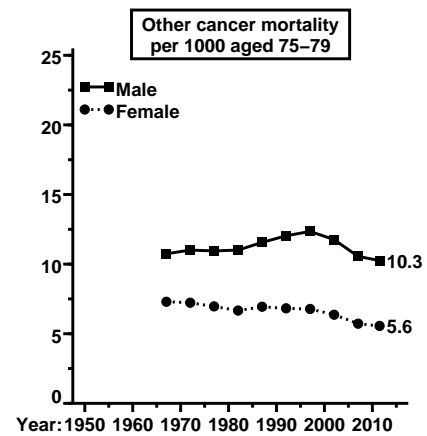
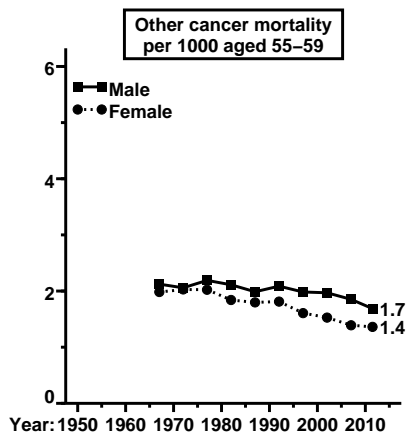
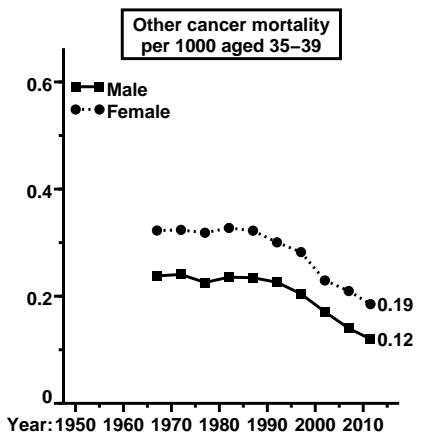
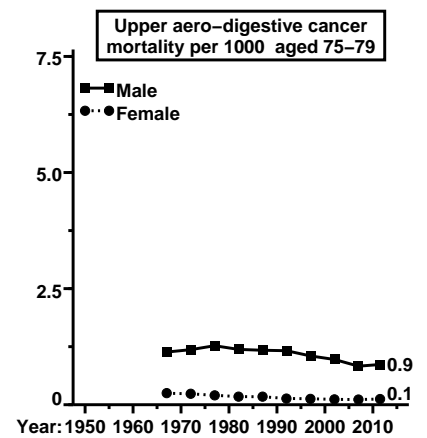
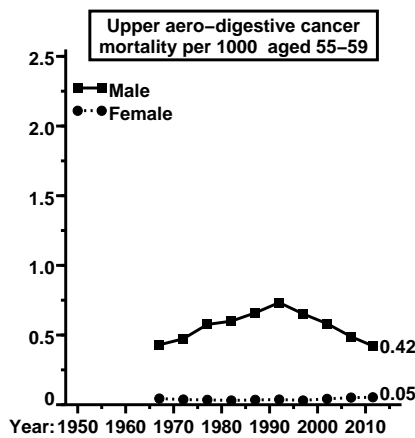
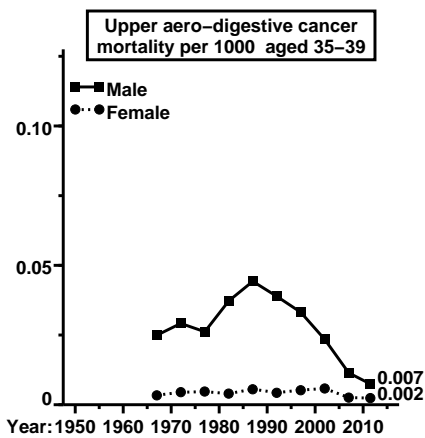
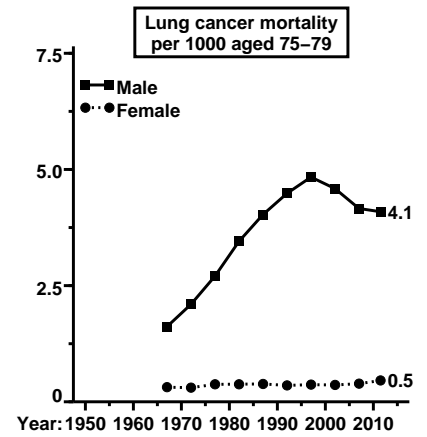
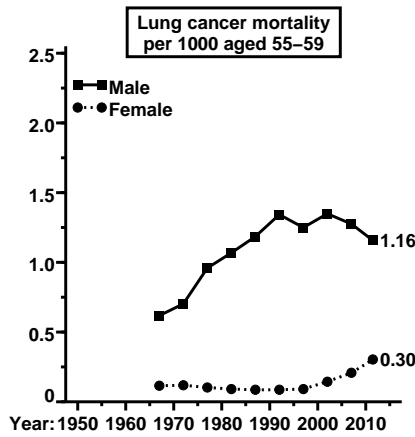
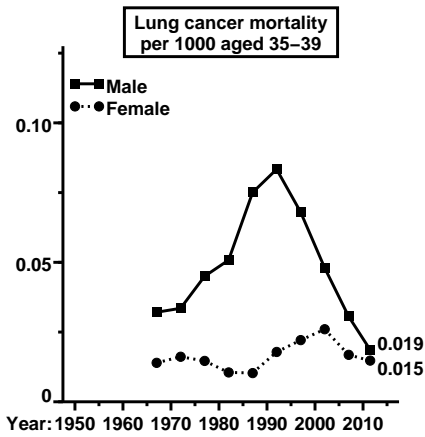
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79		
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.10	0.70	2.15	1.78	10.2	-	0.09	0.00	1.90	0.00	6.88	0.00	6.88	0.00	6.88	
1970	-	0.11	0.82	2.05	2.29	10.0	-	0.09	0.01	1.81	0.00	6.79	0.00	6.79	0.00	6.79	
1975	-	0.10	1.01	2.03	3.16	9.86	-	0.09	0.00	1.82	0.00	6.65	0.00	6.65	0.00	6.65	
1980	-	0.10	1.23	1.96	3.94	9.54	-	0.08	0.00	1.71	0.00	6.30	0.00	6.30	0.00	6.30	
1985	-	0.09	1.43	1.92	4.69	9.67	-	0.07	0.00	1.66	0.00	6.36	0.00	6.36	0.00	6.36	
1990	-	0.08	1.64	1.90	5.42	9.82	-	0.06	0.00	1.65	0.00	6.32	0.00	6.32	0.00	6.32	
1995	-	0.07	1.64	1.87	5.84	9.94	-	0.06	0.00	1.59	0.00	6.26	0.00	6.26	0.00	6.26	
2000	-	0.06	1.55	1.81	5.53	9.64	-	0.05	0.02	1.45	0.00	5.92	0.00	5.92	0.00	5.92	
2005	-	0.06	1.39	1.69	4.92	8.98	-	0.04	0.06	1.33	0.03	5.46	0.03	5.46	0.03	5.46	
2010	-	0.05	1.22	1.56	4.51	8.42	-	0.04	0.11	1.24	0.10	5.00	0.10	5.00	0.10	5.00	
2015	-	0.05	1.09	1.44	4.14	7.88	-	0.04	0.19	1.13	0.17	4.56	0.17	4.56	0.17	4.56	

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

**SPAIN: 1965-2013**

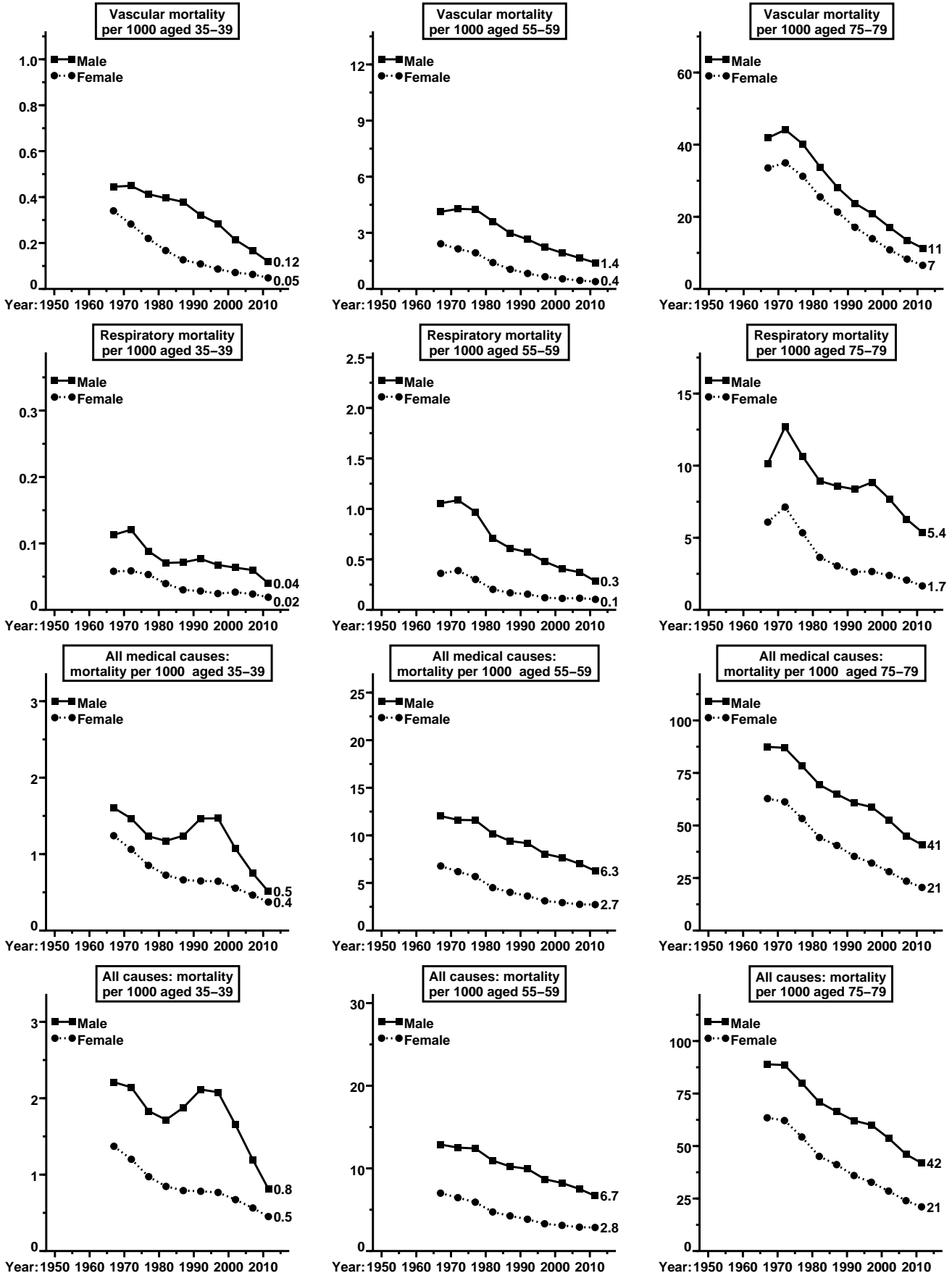
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

1965-2013: SPAIN

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

## SWEDEN: 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	43919	968	10286	610.0	46.3	508.4	68.7	5.0	10.0	33.2	66.5	72.8	67.9
	F	46600	502	6584	434.4	25.6	326.6	60.8	7.7	8.0	19.1	24.9	25.7	33.0
Tuberculosis	M	16	-	-	0.2	-	-	-	-	-	-	-	-	-
	F	18	1	1	0.2	0.1	0.0	-	-	-	-	-	0.4	-
Other infective and parasitic	M	919	17	148	12.1	0.8	7.2	3.1	-	0.8	0.3	0.3	0.3	1.0
	F	1011	20	88	8.8	1.0	4.4	4.5	-	-	1.3	-	0.4	1.1
ALL CANCER	M	11295	70	3525	162.8	3.4	175.9	1.8	1.1	2.0	2.7	4.1	4.4	7.5
	F	10351	79	3431	126.5	4.0	169.9	2.6	2.4	1.3	4.2	2.7	6.4	8.5
Mouth and pharynx cancer	M	175	-	92	2.8	-	4.6	-	-	-	-	-	-	-
	F	112	2	38	1.4	0.1	1.9	-	0.4	-	-	0.3	-	-
Oesophagus cancer	M	309	-	134	4.7	-	6.7	-	-	-	-	-	-	-
	F	99	-	31	1.2	-	1.5	-	-	-	-	-	-	-
Stomach cancer	M	378	1	142	5.6	0.1	7.0	-	-	-	-	-	-	0.3
	F	284	4	84	3.3	0.2	4.2	-	-	-	-	-	1.1	0.3
Colorectal cancer	M	1316	6	420	19.2	0.3	20.9	-	-	-	-	0.3	1.0	0.7
	F	1281	6	285	14.0	0.3	14.1	-	-	-	-	0.3	1.4	0.3
Liver cancer	M	345	1	154	5.2	0.1	7.6	-	-	-	-	-	-	0.3
	F	176	1	38	2.0	0.1	1.9	-	-	-	-	-	-	0.3
Pancreas cancer	M	720	-	289	10.9	-	14.5	-	-	-	-	-	-	-
	F	828	1	274	9.9	0.1	13.6	-	-	-	-	-	-	0.3
Larynx cancer	M	36	-	14	0.6	-	0.7	-	-	-	-	-	-	-
	F	3	-	2	0.0	-	0.1	-	-	-	-	-	-	-
Lung cancer	M	1922	4	739	28.6	0.2	37.1	-	-	-	-	-	-	1.4
	F	1661	-	739	22.3	-	36.9	-	-	-	-	-	-	-
Malignant melanoma	M	281	5	125	4.5	0.2	6.1	-	-	-	-	-	1.4	0.3
	F	189	2	81	2.5	0.1	4.0	-	-	-	-	0.3	0.4	-
Female breast cancer	F	1395	8	624	19.0	0.4	30.6	-	-	-	-	-	0.7	2.1
Cervix cancer	F	139	3	69	2.1	0.1	3.3	-	-	-	-	-	-	1.1
Other uterine cancer	F	358	-	96	4.1	-	4.8	-	-	-	-	-	-	-
Ovarian cancer	F	645	5	300	8.9	0.2	14.9	-	-	-	0.3	0.3	0.4	0.7
Prostate cancer	M	2398	-	320	30.8	-	16.4	-	-	-	-	-	-	-
Bladder cancer	M	476	1	113	6.6	0.1	5.7	-	-	-	-	-	-	0.3
	F	208	-	35	2.0	-	1.7	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	1927	35	687	28.7	1.7	33.9	1.1	0.8	1.2	1.5	2.9	1.7	2.7
	F	2123	27	562	24.4	1.4	27.9	1.1	2.0	0.4	1.9	0.3	1.8	2.1
Hodgkin's disease	M	23	2	11	0.4	0.1	0.5	-	-	-	-	0.3	0.3	-
	F	23	1	5	0.2	0.1	0.3	-	-	-	-	-	-	0.3
Myeloma and non- Hodgkin lymphomas	M	617	1	186	8.9	0.1	9.3	-	-	0.4	-	-	-	-
	F	515	6	107	5.6	0.3	5.3	-	-	-	0.6	0.7	0.4	0.3
Leukaemia	M	372	14	99	5.4	0.7	4.9	0.7	0.4	0.4	1.2	0.6	-	1.4
	F	312	13	61	3.5	0.7	3.0	1.5	-	0.8	1.3	0.3	0.4	0.3
Diabetes	M	1000	5	241	13.7	0.2	12.0	-	-	-	0.3	0.3	0.3	0.7
	F	936	4	90	8.2	0.2	4.5	-	-	0.8	-	0.3	0.4	-
ALL VASCULAR DISEASE	M	17054	47	2911	222.6	2.2	144.8	1.4	-	0.4	1.8	4.1	4.1	3.7
	F	18890	21	1107	148.3	1.1	55.5	1.9	-	-	1.0	1.0	1.1	2.5
Rheumatic heart disease and fever	M	23	-	5	0.3	-	0.2	-	-	-	-	-	-	-
	F	48	-	5	0.5	-	0.3	-	-	-	-	-	-	-
Hypertensive disease	M	643	-	85	8.1	-	4.3	-	-	-	-	-	-	-
	F	1165	1	37	8.6	0.1	1.8	-	-	-	-	-	-	0.3
Ischaemic heart disease	M	8204	6	1703	109.4	0.3	84.6	-	-	-	0.3	-	1.4	0.3
	F	6808	3	521	55.6	0.1	26.2	-	-	-	-	0.3	-	0.7
Pulmonary embolism and other venous	M	206	1	66	2.9	0.1	3.2	-	-	-	-	-	-	0.3
	F	242	3	41	2.4	0.1	2.1	-	-	-	0.3	-	0.7	-
Cerebrovascular disease	M	3111	3	400	39.9	0.1	20.0	-	-	-	-	0.3	0.3	0.3
	F	4491	3	262	35.5	0.1	13.1	-	-	-	0.3	-	0.4	0.3
Other vascular disease	M	4867	37	652	62.0	1.8	32.5	1.4	-	0.4	1.5	3.8	2.4	2.7
	F	6136	11	241	45.8	0.6	12.1	1.9	-	-	0.3	0.7	-	1.1
Chronic obstructive pulmonary disease	M	1281	-	191	16.8	-	9.7	-	-	-	-	-	-	-
	F	1449	-	240	14.5	-	12.1	-	-	-	-	-	-	-
Other respiratory disease	M	1270	16	189	16.5	0.8	9.4	1.8	-	0.4	0.9	0.9	0.3	1.0
	F	1057	9	85	8.8	0.5	4.3	1.5	-	-	0.3	0.3	0.4	0.7
Peptic ulcer	M	130	-	38	1.8	-	1.9	-	-	-	-	-	-	-
	F	166	1	28	1.6	0.1	1.4	-	-	-	-	-	-	0.3
Liver cirrhosis	M	415	1	289	7.2	0.1	14.1	-	-	-	-	-	0.3	-
	F	173	-	99	2.6	-	4.9	-	-	-	-	-	-	-
Renal disease	M	395	1	33	4.9	0.1	1.6	-	-	-	-	-	0.3	-
	F	340	3	25	2.9	0.2	1.2	0.4	0.4	-	-	-	-	0.3
Pregnancy, birth	F	3	1	1	0.1	0.1	0.0	-	-	-	-	-	-	0.3
Congenital and perinatal causes	M	178	122	41	4.4	6.1	1.9	39.2	-	0.8	0.6	0.6	0.3	1.0
	F	158	99	39	3.8	5.2	1.9	32.6	1.2	0.4	0.6	0.3	0.4	1.1
Ill-defined causes	M	1826	101	532	26.9	4.9	26.1	13.0	0.4	0.8	2.4	5.4	7.5	4.8
	F	2407	53	282	21.6	2.8	13.9	10.4	0.4	1.3	0.6	2.0	2.9	1.8
Other medical causes	M	5228	85	914	69.9	4.1	45.1	6.3	1.5	2.0	3.0	3.5	6.1	6.5
	F	7894	61	621	65.3	3.1	30.9	6.3	2.0	1.3	2.5	4.0	1.8	3.9
ALL NON- MEDICAL CAUSES	M	2912	503	1234	50.3	23.6	58.7	2.1	1.9	2.8	21.1	47.1	48.8	41.8
	F	1747	150	447	21.3	7.4	21.6	0.7	1.2	3.0	8.6	14.3	11.8	12.4
Road traffic accidents	M	182	73	81	3.7	3.4	3.8	0.7	1.1	0.8	5.4	6.7	5.4	3.7
	F	70	16	29	1.2	0.8	1.4	-	0.8	0.4	1.6	1.7	0.7	0.3
Fire	M	48	4	26	0.8	0.2	1.3	-	-	-	-	0.3	1.0	-
	F	32	2	5	0.4	0.1	0.2	-	-	-	-	0.3	0.4	-
Suicide	M	836	194	503	16.4	9.1	23.8	-	-	0.4	9.4	17.8	18.6	17.3
	F	302	64	187	5.9	3.1	9.0	-	-	0.8	3.8	6.3	5.0	6.0
<b>POPULATION:</b> (1000s; UN, 2015 revision)			<b>M=male</b>		4671.7	2030.7	2139.6	285.4	260.3	249.7	331.1	314.5	295.1	294.5
			<b>F=female</b>		4710.6	1929.3	2101.2	269.6	247.0	236.7	313.4	300.7	279.7	282.1



## 2010: SWEDEN

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			
70.6	113.2	196.6	330.4	543.9	882.4	1421.7	2381.2	4352.4	12240.5	M	ALL CAUSES	001-999/A00-Y89
43.0	66.3	121.7	205.5	344.2	582.0	923.2	1516.1	2734.4	10190.3	F		
-	-	-	-	-	-	-	0.6	1.5	7.1	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	-	-	-	-	0.3	-	-	1.8	4.2	F		
1.6	2.1	3.1	5.1	6.3	15.2	17.2	33.9	81.2	317.8	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
-	-	1.3	3.1	4.9	7.5	14.0	27.1	56.6	240.8	F	and parasitic	
12.1	25.0	40.9	86.8	185.8	323.9	556.6	861.6	1392.2	2314.8	M	ALL CANCER	140-208/C00-C97
16.0	31.8	64.1	107.4	184.3	320.4	465.0	666.1	885.9	1286.5	F		
-	0.6	0.6	2.4	6.0	8.5	14.1	13.7	22.1	15.3	M	Mouth and	140-149/C00-C14
-	0.3	0.3	1.0	3.9	3.8	3.8	7.5	9.5	13.1	F	pharynx cancer	
0.3	0.3	0.3	4.0	8.1	13.9	19.8	23.5	38.4	43.7	M	Oesophagus cancer	150/C15
-	-	1.3	-	1.1	3.1	5.3	7.5	10.1	11.5	F		
0.6	1.2	4.1	4.0	7.7	11.7	19.8	26.8	45.8	67.7	M	Stomach cancer	151/C16
1.3	1.2	1.9	1.0	4.6	6.9	12.1	16.1	22.0	40.6	F		
1.9	4.1	5.7	12.2	21.7	36.0	64.8	119.2	156.5	251.2	M	Colorectal cancer	153, 154/C18-C21
1.0	2.4	5.9	9.3	11.7	27.7	40.9	74.3	129.3	199.6	F		
-	0.6	2.2	4.0	12.6	15.8	17.9	22.4	34.7	55.7	M	Liver cancer	155.0/C22 excl C221
-	-	0.3	1.0	2.8	4.4	4.5	13.6	19.7	24.6	F		
1.2	0.9	1.9	8.4	17.5	25.6	45.8	71.7	82.7	102.7	M	Pancreas cancer	157/C25
0.3	1.5	2.6	6.2	10.6	30.2	43.9	56.3	73.9	101.2	F		
-	-	-	-	2.1	1.6	1.1	3.8	3.7	5.5	M	Larynx cancer	161/C32
-	-	-	-	-	0.3	0.4	-	0.6	-	F		
0.6	1.5	5.0	14.5	34.6	76.5	126.7	182.2	259.1	270.3	M	Lung cancer	162/C33, C34
0.6	1.5	7.5	20.7	40.2	74.6	112.8	128.6	152.5	130.9	F		
1.2	2.6	2.8	7.8	8.4	7.0	13.0	18.6	36.9	36.6	M	Malignant melanoma	172/C43
1.3	0.6	2.9	3.1	3.5	7.5	8.7	10.1	11.3	21.4	F		
3.9	8.9	18.9	32.5	36.4	51.0	62.8	80.9	88.8	144.7	F	Female breast cancer	174/C50
1.3	2.4	2.9	1.7	5.3	6.0	3.4	8.5	7.7	11.8	F	Cervix cancer	180/C53
-	1.2	2.3	2.1	3.5	8.5	15.9	30.1	29.8	48.5	F	Other uterine cancer	179, 182/C54, C55
1.3	2.8	4.9	9.3	19.1	25.5	41.6	44.2	54.8	51.1	F	Ovarian cancer	183/C56, C570-C574
-	0.3	0.6	1.7	9.8	29.4	72.9	138.4	295.3	778.1	M	Prostate cancer	185/C61
0.3	-	0.3	1.7	5.6	12.0	19.8	32.8	69.4	113.6	M	Bladder cancer	188/C67
-	-	1.0	-	0.3	5.0	5.7	8.5	15.5	41.5	F		
4.7	7.7	12.3	17.9	37.5	62.6	95.0	137.8	222.2	356.0	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
4.5	7.0	9.8	16.2	31.4	46.6	79.8	129.1	182.9	309.8	F	cancer sites	
0.6	0.6	-	-	0.3	1.3	0.8	1.1	1.5	3.3	M	Hodgkin's disease	201/C81
-	-	0.3	-	-	-	1.5	-	1.2	4.8	F		
-	3.2	3.8	6.8	10.8	12.3	27.9	41.0	75.3	138.2	M	Myeloma and non-	200, 202-203/ C82-C90, C96
-	0.9	0.7	2.4	7.4	12.0	13.6	31.1	47.7	83.0	F	Hodgkin lymphomas	
0.6	1.5	1.3	1.4	3.1	9.5	17.2	28.4	48.7	77.0	M	Leukaemia	204-208/C91-C95
0.6	0.9	1.0	0.3	2.5	7.2	8.3	19.6	28.6	48.2	F		
2.2	2.6	3.1	5.4	10.5	21.5	38.5	56.9	121.1	265.4	M	Diabetes	250/E10-E14
0.3	0.9	1.3	1.4	5.7	8.5	13.2	29.6	68.5	213.3	F		
5.9	20.3	41.5	85.8	158.6	266.9	434.9	826.0	1593.8	5693.8	M	ALL VASCULAR	390-459/I00-I99
3.9	7.9	13.7	29.7	58.6	93.2	181.2	390.8	889.4	4947.6	F	DISEASE	
-	0.3	-	0.3	0.3	0.3	0.4	1.1	2.2	7.1	M	Rheumatic heart	390-398/I00-I09
-	-	-	0.3	0.3	-	1.1	3.0	3.0	10.2	F	disease and fever	
-	-	1.3	1.4	5.6	6.3	15.6	23.0	65.7	233.2	M	Hypertensive disease	401-405/I10-I15
-	-	0.7	0.3	1.8	4.7	5.3	17.6	50.6	321.6	F		
1.9	7.3	22.0	48.3	97.3	170.2	245.3	428.9	829.7	2504.8	M	Ischaemic heart	410-414/I20-I25
1.9	1.8	4.9	14.8	28.2	43.8	87.8	172.8	360.4	1703.9	F	disease	
0.9	0.3	0.9	3.4	2.1	7.9	6.9	7.1	17.0	56.2	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
-	0.6	1.0	1.4	1.4	2.2	8.0	10.1	14.3	49.2	F	and other venous	
1.2	4.1	5.7	11.5	17.1	32.3	68.3	173.9	305.6	1079.0	M	Cerebrovascular	430-438/I60-I69
0.6	4.0	4.6	7.9	19.1	18.9	36.3	90.4	231.1	1168.3	F	disease	
1.9	8.2	11.6	20.9	36.0	50.0	98.4	192.0	373.5	1813.5	M	Other vascular	Rest of 390-459/ rest of I00-I99
1.3	1.5	2.6	4.8	7.8	23.6	42.8	97.0	229.9	1694.3	F	disease	
-	0.9	0.6	2.0	8.4	18.7	37.0	76.6	177.9	387.2	M	Chronic obstructive	490-496/ J40-J47, J67
-	-	0.3	5.9	7.8	23.0	48.0	85.4	144.2	254.6	F	pulmonary disease	
1.2	1.5	3.8	6.8	10.5	14.6	27.5	53.6	110.0	446.7	M	Other respiratory	Rest of 460-519/ rest of J00-J98
0.6	0.6	2.9	2.1	2.8	4.4	16.6	26.1	45.9	266.4	F	disease	
-	0.3	0.6	-	1.4	4.4	6.5	7.7	10.3	35.0	M	Peptic ulcer	531-533/K25-K27
-	-	0.7	-	0.3	3.1	5.7	9.0	9.5	32.9	F		
0.9	2.4	6.9	14.9	17.5	26.6	29.8	27.9	31.0	17.5	M	Liver cirrhosis	571/K70, K74
0.3	-	1.3	4.8	6.3	9.8	11.7	16.1	11.9	7.0	F		
0.3	-	0.3	1.0	1.4	4.4	3.8	20.2	31.0	154.0	M	Renal disease	580-590/N00-N19
-	-	0.3	0.7	0.7	3.1	3.8	7.5	26.8	80.5	F		
-	0.3	-	-	-	-	-	-	0.6	-	F	Pregnancy, birth	630-676/A34, O00-O99
1.2	0.9	1.9	2.4	3.5	1.9	1.9	2.7	4.4	2.2	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
1.3	-	0.7	2.8	1.4	4.1	3.0	3.0	1.8	3.5	F	perinatal causes	
4.0	7.7	12.6	22.3	29.1	44.3	62.6	85.9	147.6	456.5	M	Ill-defined causes	780-799/R00-R99
3.2	4.6	6.2	8.3	17.6	22.4	35.2	48.7	99.5	577.5	F		
7.5	13.2	16.7	37.8	43.8	71.8	125.1	243.4	510.8	1688.4	M	Other medical causes	Rest of 001-799/ rest of A00-R99
4.5	6.7	13.0	15.9	28.9	52.2	95.0	161.8	417.0	1977.0	F		
33.6	36.5	64.5	60.1	67.2	68.3	80.5	84.2	139.5	454.3	M	ALL NON-	E800-E999/V01-Y89
12.8	13.4	15.9	23.5	24.7	29.9	30.6	44.7	75.1	298.6	F	MEDICAL CAUSES	
3.4	2.9	3.1	4.7	4.2	4.1	4.2	5.5	3.7	7.1	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
0.6	0.9	1.0	1.4	1.4	3.1	1.1	1.5	6.5	3.5	F	accidents	
0.3	0.3	0.9	0.3	1.1	2.2	3.8	3.8	2.2	4.4	M	Fire	E890-E899/X00-X09
-	-	0.3	-	-	0.6	0.8	2.5	2.4	5.1	F		
13.4	17.9	25.8	31.4	25.9	25.6	26.3	20.8	20.7	39.9	M	Suicide	E950-E959/X60-X84
7.0	6.7	8.1	10.7	11.3	8.2	11.0	8.5	7.7	6.7	F		
321.5	340.0	318.0	296.1	285.7	316.2	262.1	182.8	135.5	183.1	M	POPULATION	
311.9	327.3	307.3	289.5	283.2	317.7	264.3	199.1	167.9	313.1	F	(1000s; UN, 2015 revision)	

<b>SWEDEN: 2010</b>
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**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	– / 1.0	– / 0.5	–
35–69	1.4 / 10	1.3 / 6.6	21 years
70+	3.9 / 33	5.1 / 40	7 years
<b>All ages</b>	<b>5.4 / 44</b>	<b>6.4 / 47</b>	<b>10 years</b>

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

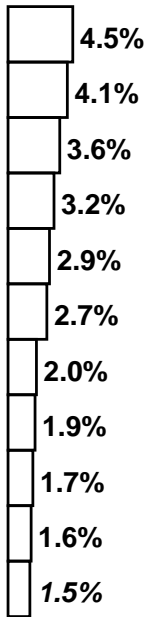
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.5/0.7	0.9/1.2	1.5/1.9	–/0.0	0.5/0.7	0.8/1.0	1.3/1.7
All Cancer	–/0.1	0.7/3.5 (21%)	1.4/7.8 (18%)	2.2/11	–/0.1	0.6/3.5 (18%)	1.0/6.9 (15%)	1.6/10
Vascular	–/0.0	0.4/3.0	1.4/14	1.8/17	–/0.0	0.3/1.2	2.3/18	2.6/19
Respiratory	–/0.0	0.1/0.4	0.7/2.4	0.9/2.8	–/0.0	0.2/0.3	1.0/2.6	1.2/2.9
All Other	–/0.8	0.1/3.4	0.4/8.5	0.5/13	–/0.4	0.2/1.7	0.8/13	1.0/15
<b>All Causes</b>	<b>–/1.0</b>	<b>1.4/10 (14%)</b>	<b>3.9/33 (12%)</b>	<b>5.4/44</b>	<b>–/0.5</b>	<b>1.3/6.6 (20%)</b>	<b>5.1/40 (13%)</b>	<b>6.4/47</b>

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

Cause	Male	Female	Male + Female
All Cancer	2.2 / 11 (19%)	1.6 / 10 (16%)	3.8 / 22 (17%)
All Causes	5.4 / 44 (12%)	6.4 / 47 (14%)	12 / 91 (13%)

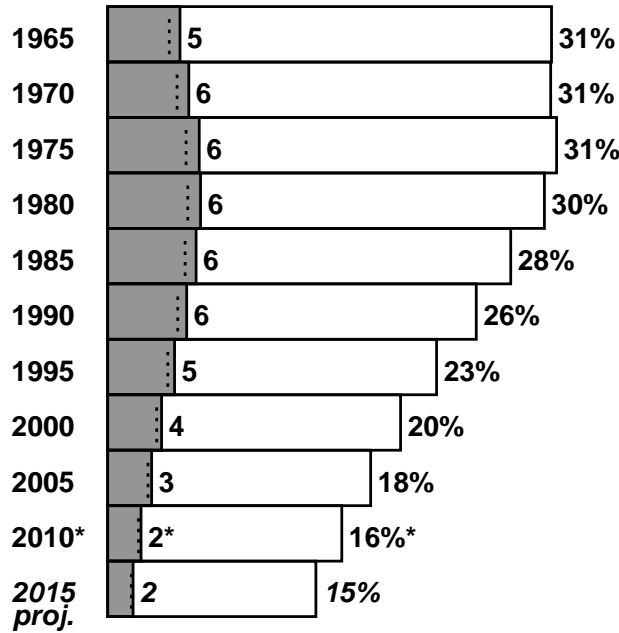
1965-2015: SWEDEN

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)

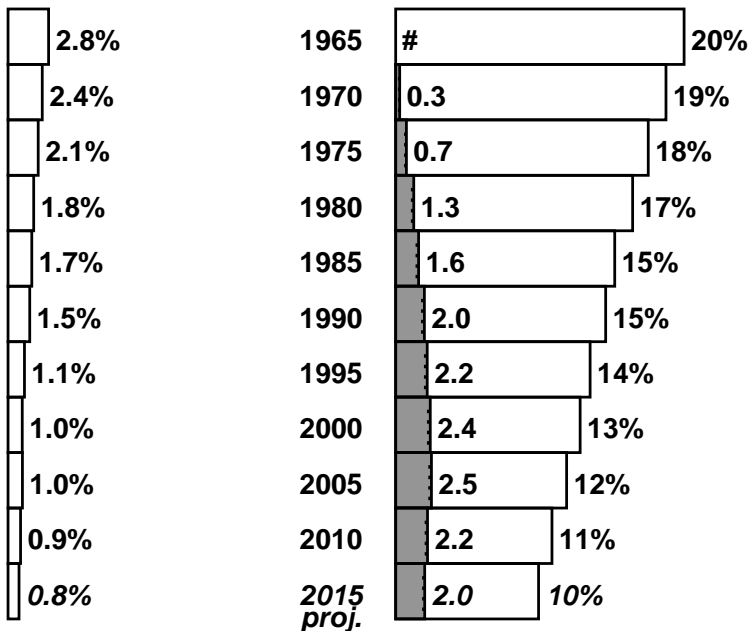
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 16 would die before age 70 (with 2 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



# Real risk too low to estimate reliably

<b>SWEDEN: 1960-2015</b>
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*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	– / 1.0	– / 0.5	–
35–69	1.2 / 9.5	1.3 / 6.4	<b>21 years</b>
70+	4.0 / 33	5.6 / 39	7 years
<b>All ages</b>	<b>5.1 / 43</b>	<b>6.9 / 45</b>	<b>10 years</b>

**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	–/2.6	2.5/15 <b>(16%)</b>	1.7/24 <b>(7%)</b>	4.1/42	–/1.5	0.0/9.9	0.0/25	0.0/36
1975	–/2.2	3.5/17 <b>(20%)</b>	4.1/29 <b>(14%)</b>	7.6/48	–/1.2	0.4/9.3 <b>(4%)</b>	0.7/29 <b>(2%)</b>	1.1/40
1985	–/1.6	3.2/15 <b>(22%)</b>	4.5/33 <b>(14%)</b>	7.7/49	–/0.9	0.8/7.9 <b>(10%)</b>	1.2/34 <b>(4%)</b>	2.1/43
1995	–/1.2	2.3/11 <b>(20%)</b>	4.3/35 <b>(12%)</b>	6.6/47	–/0.7	1.1/6.8 <b>(16%)</b>	2.7/39 <b>(7%)</b>	3.8/47
2005	–/1.0	1.7/10 <b>(16%)</b>	4.0/33 <b>(12%)</b>	5.7/45	–/0.5	1.4/6.6 <b>(21%)</b>	4.6/40 <b>(11%)</b>	5.9/47
2015 <i>proj.</i>	–/1.0	1.2/9.5 <b>(12%)</b>	4.0/33 <b>(12%)</b>	5.1/43	–/0.5	1.3/6.4 <b>(20%)</b>	5.6/39 <b>(14%)</b>	6.9/45

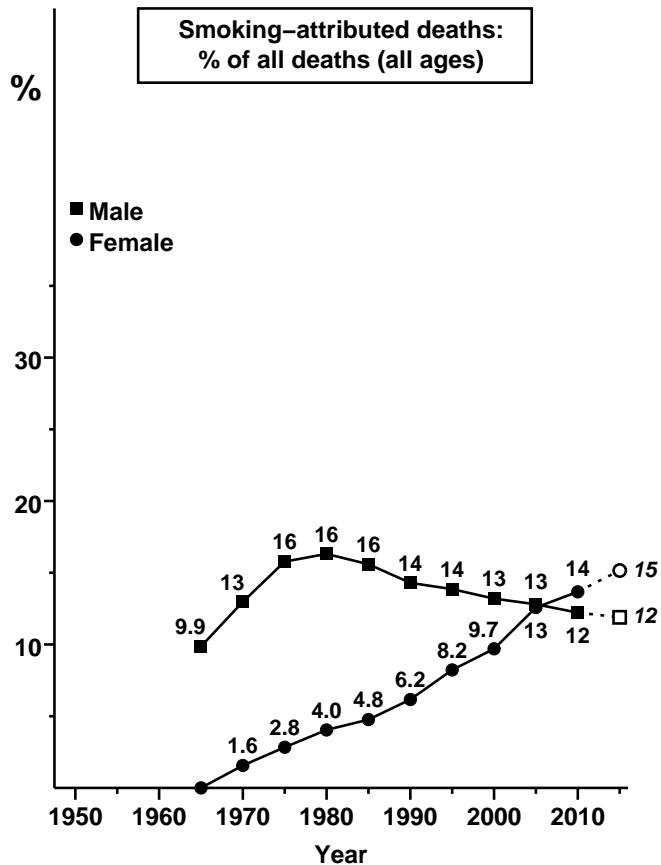
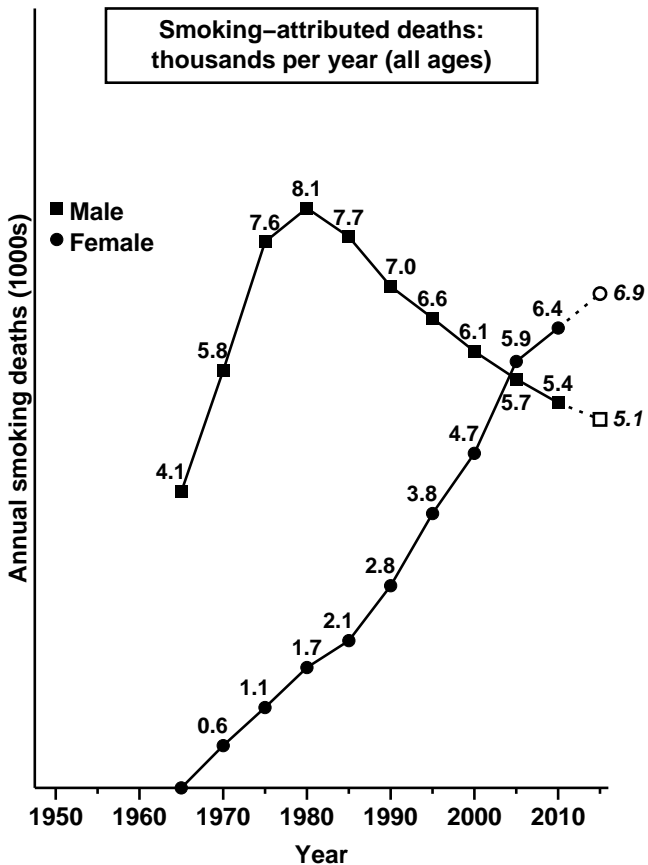
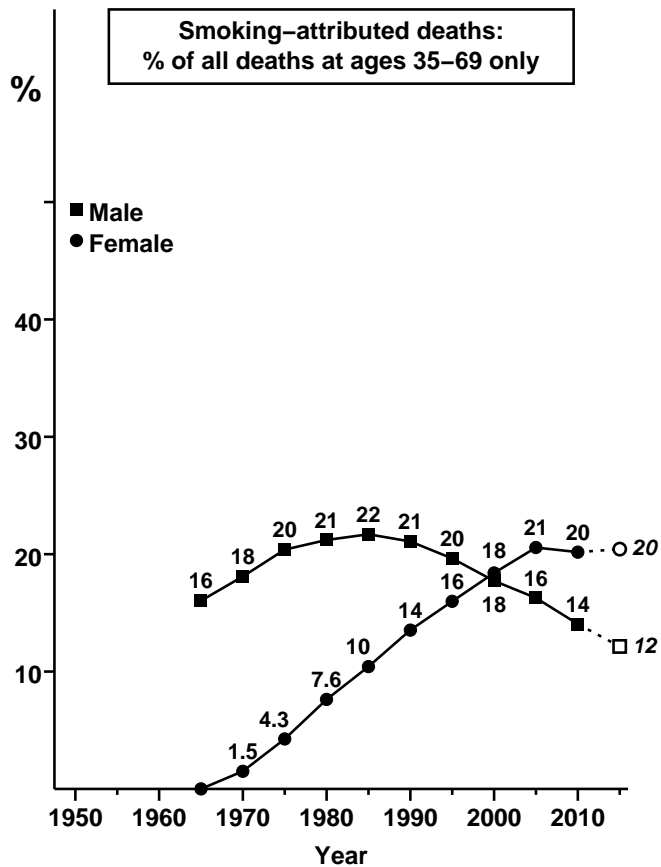
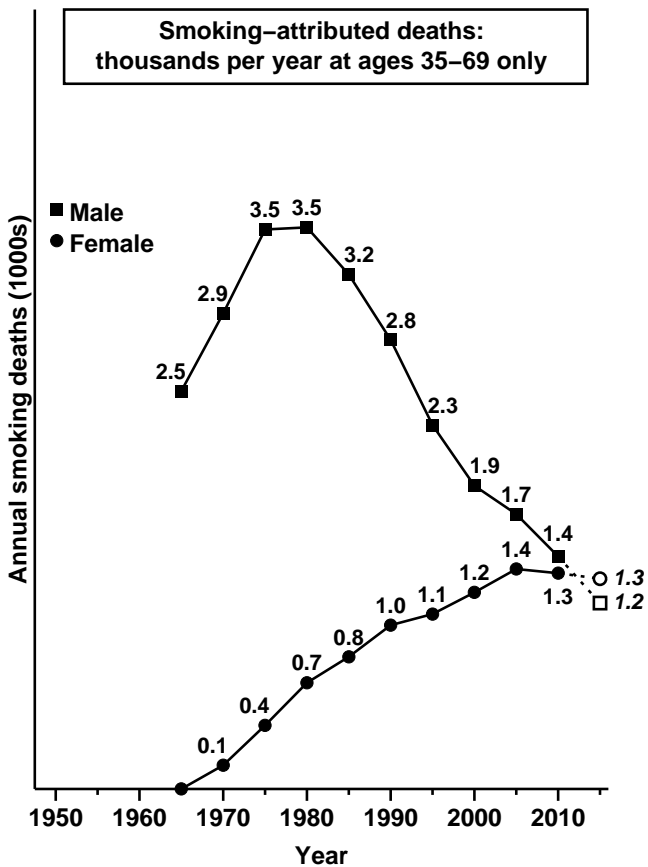
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 567 / 5323**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

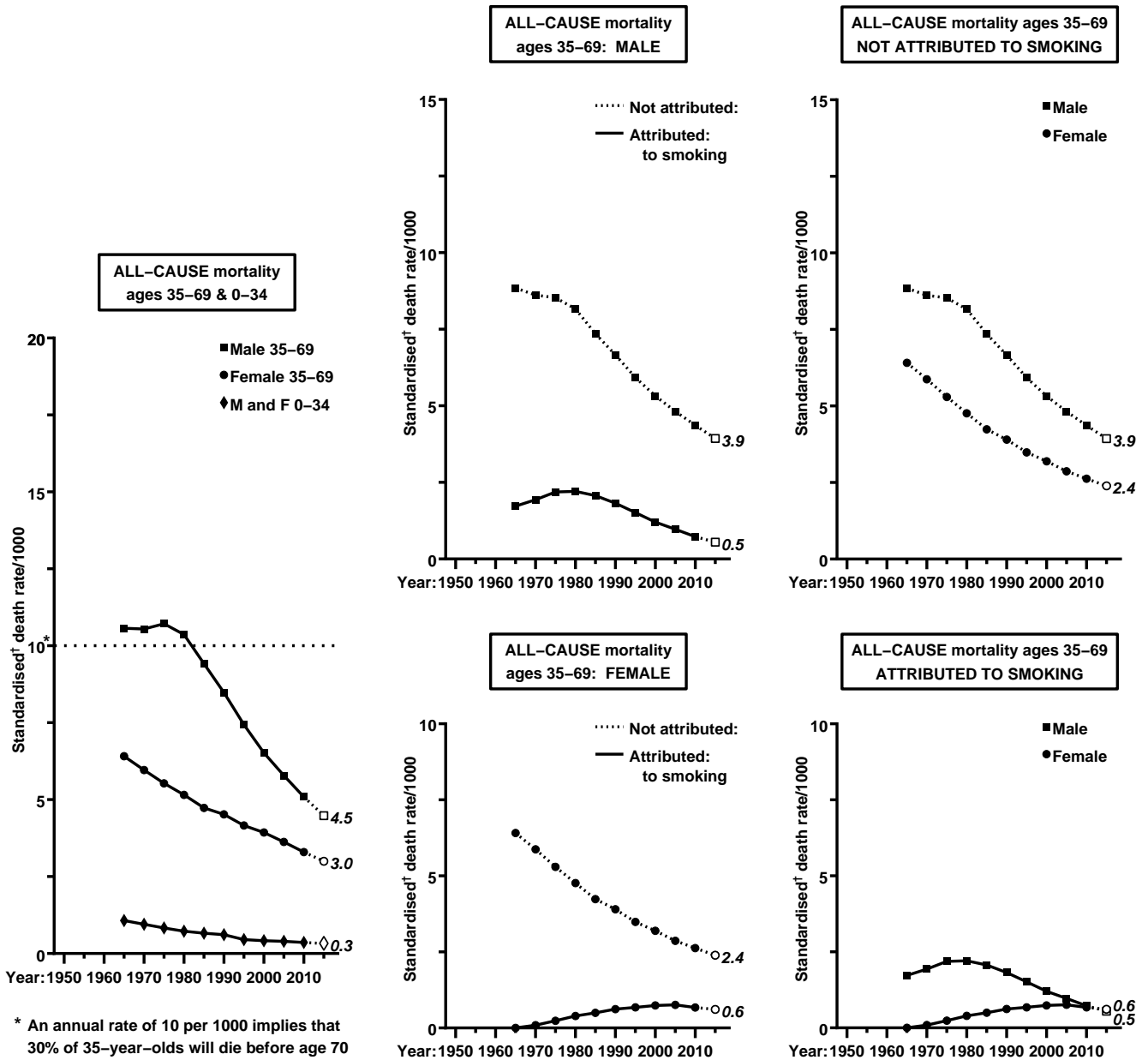
–/95	142/785 <b>(18%)</b>	226/1863 <b>(12%)</b>	368/2744	–/52	50/468 <b>(11%)</b>	149/2059 <b>(7%)</b>	198/2579
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1965-2015: SWEDEN



**SWEDEN: 1965-2015**

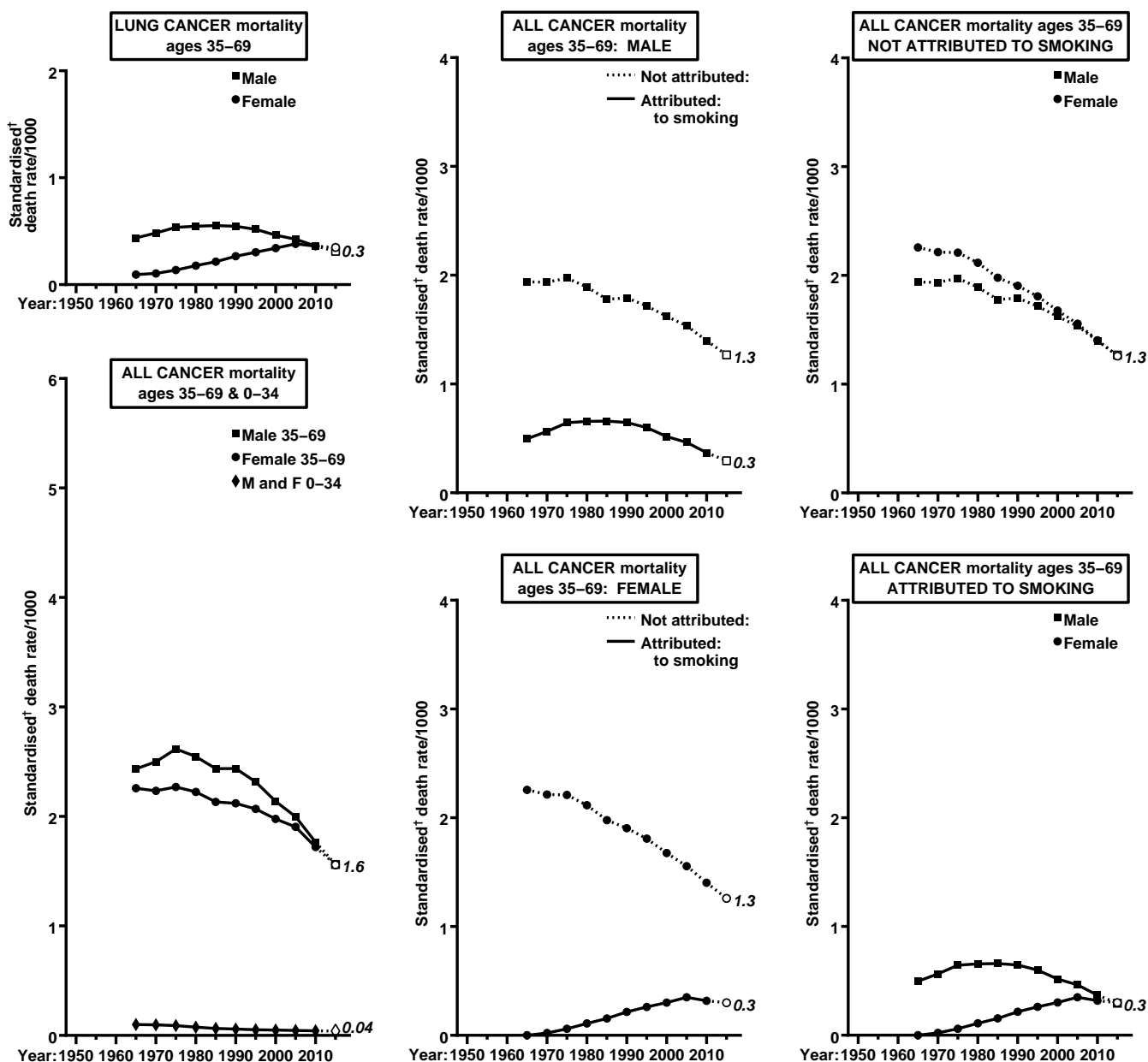
**ALL-CAUSE mortality rates attributed and not attributed to smoking**



Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	1.32	1.72	8.84	5.27	59.8	-	0.82	0.00	6.41	0.00	48.0	-	0.87	42.8	
1970	-	1.21	1.93	8.61	8.14	56.3	-	0.69	0.09	5.87	0.87	42.8	-	0.61	38.0	
1975	-	1.05	2.18	8.53	10.2	54.2	-	0.61	0.23	5.29	1.15	38.0	-	0.52	33.9	
1980	-	0.93	2.20	8.16	9.96	51.6	-	0.52	0.39	4.76	1.35	33.9	-	0.48	30.1	
1985	-	0.84	2.07	7.35	8.73	48.9	-	0.48	0.49	4.24	1.51	30.1	-	0.44	27.5	
1990	-	0.78	1.82	6.66	7.62	45.8	-	0.44	0.62	3.90	2.05	27.5	-	0.33	24.1	
1995	-	0.57	1.51	5.92	7.01	41.1	-	0.33	0.67	3.48	2.60	24.1	-	0.28	22.0	
2000	-	0.54	1.20	5.32	6.49	36.8	-	0.28	0.74	3.19	3.05	22.0	-	0.29	19.3	
2005	-	0.50	0.97	4.81	5.77	32.2	-	0.29	0.76	2.86	3.68	19.3	-	0.25	17.3	
2010	-	0.46	0.72	4.36	4.97	28.4	-	0.25	0.67	2.62	3.77	17.3	-	0.22	15.5	
2015	-	0.44	0.55	3.93	4.34	25.0	-	0.22	0.61	2.39	3.87	15.5	-			

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

ALL CANCER mortality rates attributed and not attributed to smoking



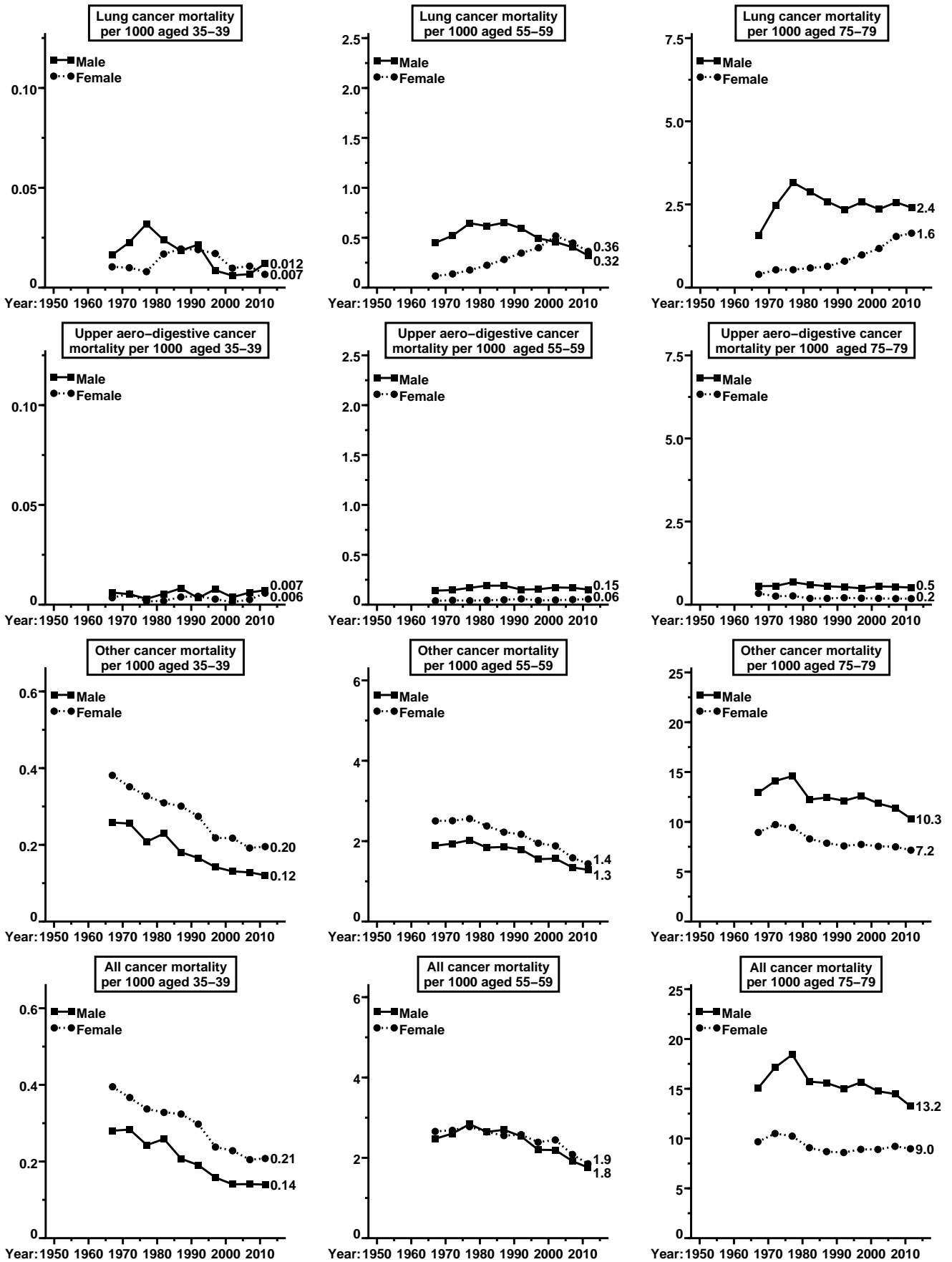
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1965	-	0.10	0.50	1.94	1.58	11.3	-	0.09	0.00	2.26	0.00	8.43	-	0.09	0.02	2.21
1970	-	0.10	0.56	1.93	2.49	11.2	-	0.09	0.02	2.21	0.16	8.56	-	0.08	0.06	2.21
1975	-	0.10	0.64	1.97	3.34	11.9	-	0.08	0.06	2.21	0.24	8.67	-	0.07	0.11	2.11
1980	-	0.08	0.66	1.89	3.23	11.0	-	0.07	0.11	2.11	0.30	7.98	-	0.06	0.15	1.98
1985	-	0.06	0.66	1.78	2.88	10.2	-	0.06	0.21	1.90	0.35	7.26	-	0.05	0.21	1.90
1990	-	0.06	0.65	1.79	2.69	10.4	-	0.05	0.26	1.81	0.53	7.23	-	0.05	0.26	1.81
1995	-	0.05	0.60	1.72	2.66	10.3	-	0.05	0.30	1.68	0.74	7.03	-	0.05	0.30	1.68
2000	-	0.05	0.52	1.62	2.68	10.1	-	0.05	0.35	1.55	0.94	6.95	-	0.05	0.35	1.55
2005	-	0.04	0.46	1.53	2.64	9.79	-	0.05	0.32	1.40	1.27	6.79	-	0.04	0.32	1.40
2010	-	0.04	0.37	1.40	2.45	8.80	-	0.04	0.32	1.40	1.42	6.31	-	0.04	0.32	1.40
2015	-	0.04	0.29	1.27	2.28	7.90	-	0.04	0.30	1.26	1.56	5.85	-	0.04	0.30	1.26

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

**SWEDEN: 1965-2013**

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

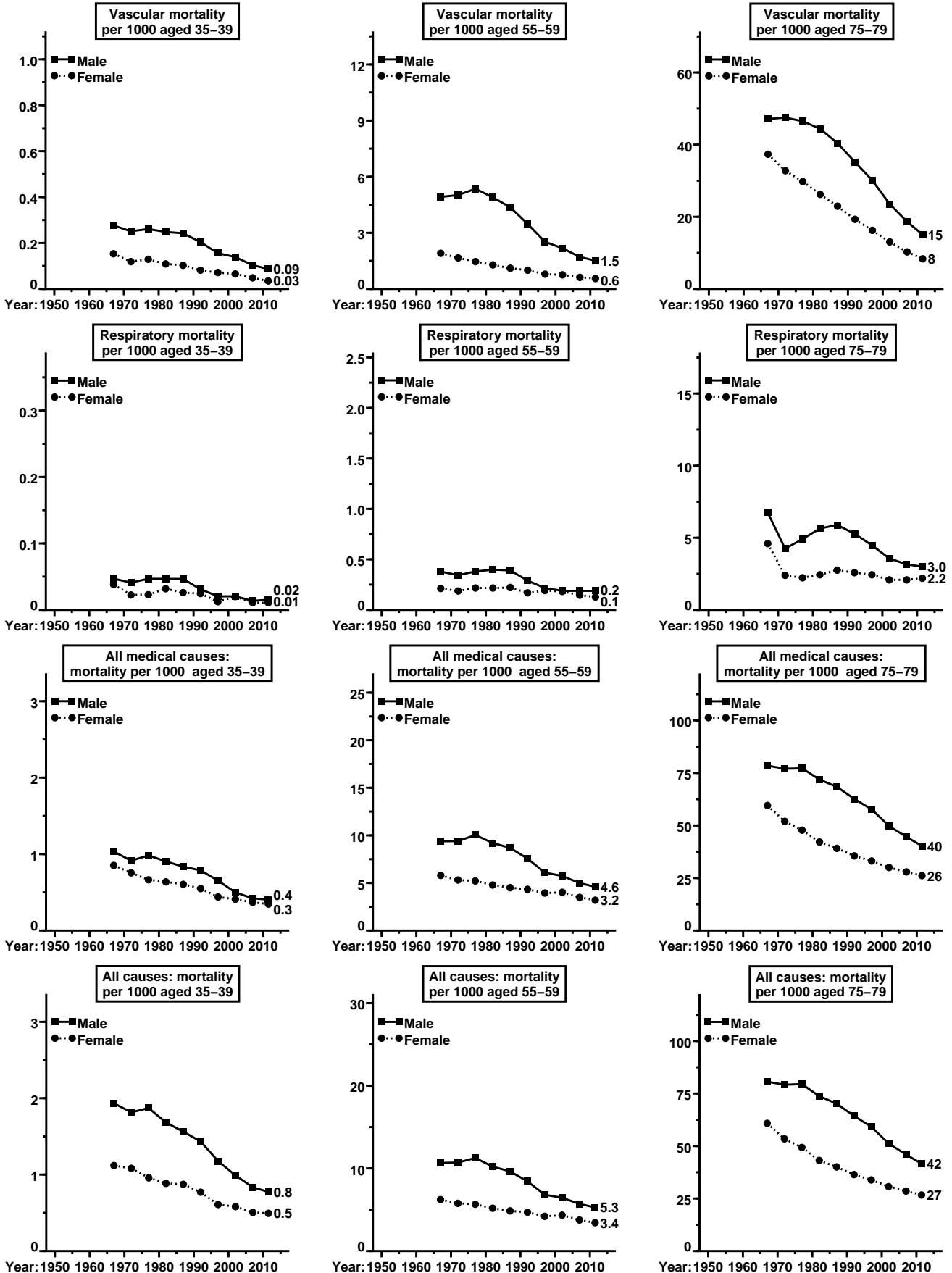


\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13



1965-2013: SWEDEN

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



\* Annual mortality per 1000: averages of years available in 1965-69,.....,2005-09; then 4-year average 2010-13

<b>SWITZERLAND: 2010</b>
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		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	30283	669	8128	564.2	41.2	504.7	86.9	6.7	9.3	35.3	43.4	49.8	57.0
	F	32366	424	4724	379.0	28.2	283.9	92.8	6.5	6.9	18.9	16.6	24.7	30.8
Tuberculosis	M	10	-	5	0.2	-	0.3	-	-	-	-	-	-	-
	F	9	-	1	0.1	-	0.1	-	-	-	-	-	-	-
Other infective and parasitic	M	353	11	124	6.7	0.7	7.1	1.0	-	0.5	1.3	-	0.4	1.5
	F	345	6	54	4.2	0.4	3.1	-	0.5	-	0.5	-	0.8	0.8
ALL CANCER	M	9054	58	3282	175.0	3.5	209.0	2.0	2.0	1.9	3.0	2.9	4.7	7.7
	F	7223	55	2556	110.8	3.3	153.4	1.6	1.6	2.0	1.4	2.6	6.3	7.6
Mouth and pharynx cancer	M	292	-	187	6.1	-	11.6	-	-	-	-	-	-	-
	F	100	1	48	1.7	0.1	3.0	-	-	-	-	-	0.4	-
Oesophagus cancer	M	334	1	160	6.7	0.1	10.2	-	-	-	-	-	-	0.4
	F	102	-	40	1.5	-	2.5	-	-	-	-	-	-	-
Stomach cancer	M	307	1	137	6.0	0.1	8.6	-	-	-	-	-	-	0.4
	F	174	-	58	2.6	-	3.3	-	-	-	-	-	-	-
Colorectal cancer	M	991	6	352	19.1	0.3	22.8	-	-	-	-	-	0.8	1.5
	F	734	3	192	10.3	0.2	11.7	-	-	-	-	0.4	0.4	0.4
Liver cancer	M	419	2	182	8.5	0.1	11.4	-	-	-	-	-	0.4	0.4
	F	185	2	58	2.8	0.1	3.5	-	-	-	-	0.4	0.4	-
Pancreas cancer	M	557	-	265	11.2	-	16.9	-	-	-	-	-	-	-
	F	622	-	170	8.8	-	10.5	-	-	-	-	-	-	-
Larynx cancer	M	69	-	33	1.4	-	2.1	-	-	-	-	-	-	-
	F	14	-	7	0.3	-	0.5	-	-	-	-	-	-	-
Lung cancer	M	2063	1	910	41.2	0.1	58.2	-	-	-	-	-	-	0.4
	F	1086	2	530	18.7	0.1	32.1	-	-	-	-	-	-	0.8
Malignant melanoma	M	179	5	74	3.5	0.3	4.6	-	-	-	-	0.4	0.4	1.1
	F	131	1	57	2.1	0.1	3.3	-	-	-	-	-	0.4	-
Female breast cancer	F	1411	8	608	22.8	0.4	35.9	-	-	-	-	-	0.8	2.3
Cervix cancer	F	63	2	38	1.1	0.1	2.1	-	-	-	-	-	0.4	0.4
Other uterine cancer	F	216	1	60	3.1	0.1	3.7	-	-	-	-	-	0.4	-
Ovarian cancer	F	421	3	176	6.9	0.2	10.6	-	-	-	-	0.4	0.4	0.4
Prostate cancer	M	1421	-	165	24.4	-	11.3	-	-	-	-	-	-	-
Bladder cancer	M	388	1	95	7.0	0.1	6.3	-	-	-	0.4	-	-	-
	F	158	-	38	2.1	-	2.4	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M	1311	34	506	26.0	2.1	31.6	2.0	2.0	1.9	1.3	2.5	2.7	2.3
	F	1192	20	345	17.4	1.2	20.4	1.1	1.1	1.0	0.5	0.8	1.6	2.7
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and non-Hodgkin lymphomas	M	420	3	128	8.0	0.2	8.1	-	-	-	0.8	-	-	0.4
	F	366	3	75	5.0	0.2	4.5	-	-	-	-	-	0.8	0.4
Leukaemia	M	303	4	88	5.7	0.2	5.5	-	-	-	0.4	-	0.4	0.8
	F	248	9	56	3.5	0.6	3.4	0.5	0.5	1.0	0.9	0.4	0.4	0.4
Diabetes	M	565	3	130	10.2	0.2	8.5	-	-	-	0.4	0.4	-	0.4
	F	685	1	72	7.3	0.1	4.6	-	-	-	0.5	-	-	-
ALL VASCULAR DISEASE	M	9924	42	1859	175.3	2.4	117.6	0.5	0.5	0.5	3.0	0.8	4.7	6.9
	F	12035	20	622	117.2	1.2	38.2	1.6	0.5	-	0.9	0.8	0.8	3.8
Rheumatic heart disease and fever	M	31	-	7	0.6	-	0.4	-	-	-	-	-	-	-
	F	62	-	12	0.8	-	0.7	-	-	-	-	-	-	-
Hypertensive disease	M	870	-	109	14.7	-	7.1	-	-	-	-	-	-	-
	F	1826	-	46	16.7	-	2.9	-	-	-	-	-	-	-
Ischaemic heart disease	M	4351	9	973	78.2	0.5	61.2	-	-	-	0.4	-	1.2	1.9
	F	3963	-	211	38.8	-	13.2	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	1589	6	207	27.4	0.3	13.3	-	-	-	-	-	0.8	1.5
	F	2250	7	146	22.6	0.4	9.0	-	-	-	0.5	-	0.4	1.9
Other vascular disease, incl. venous	M	3083	27	563	54.4	1.6	35.6	0.5	0.5	0.5	2.5	0.8	2.7	3.4
	F	3934	13	207	38.3	0.8	12.5	1.6	0.5	-	0.5	0.8	0.4	1.9
Chronic obstructive pulmonary disease	M	1104	2	172	19.4	0.1	11.8	-	-	-	-	-	0.4	0.4
	F	824	-	116	9.7	-	7.5	-	-	-	-	-	-	-
Other respiratory disease	M	903	7	116	15.6	0.4	7.3	1.0	-	0.5	-	0.8	0.4	0.4
	F	895	4	60	9.0	0.3	3.7	1.1	-	-	-	-	-	0.8
Peptic ulcer	M	73	-	10	1.2	-	0.7	-	-	-	-	-	-	-
	F	75	-	7	0.8	-	0.5	-	-	-	-	-	-	-
Liver cirrhosis & other liver disease	M	481	2	323	10.2	0.1	19.7	-	-	-	-	-	-	0.8
	F	245	-	139	4.4	-	8.1	-	-	-	-	-	-	-
Renal disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pregnancy, birth	F	3	2	1	0.1	0.1	0.1	-	-	-	-	-	0.8	-
Congenital and perinatal causes	M	207	149	44	7.1	10.5	2.6	66.2	1.5	-	2.5	0.8	1.2	1.5
	F	217	161	44	7.9	12.2	2.6	78.9	1.6	1.0	1.8	1.3	0.4	0.4
Ill-defined causes	M	1026	33	378	20.0	2.1	22.7	6.6	-	-	0.4	2.5	1.6	3.4
	F	1122	27	173	13.2	1.7	10.3	3.8	-	0.5	1.4	1.3	2.4	2.7
Other medical causes	M	4471	46	720	78.4	2.9	44.2	4.5	1.5	2.3	2.5	2.5	3.1	3.4
	F	7234	44	531	73.9	2.8	32.5	4.8	1.6	1.0	3.6	2.6	2.0	4.2
ALL NON-MEDICAL CAUSES	M	2112	316	965	45.0	18.4	53.0	5.0	1.0	3.7	22.1	32.5	33.5	30.6
	F	1454	104	348	20.5	6.2	19.2	1.1	0.5	2.5	9.0	8.1	11.3	10.7
Road traffic accidents	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire	M	12	1	4	0.2	0.1	0.2	-	-	-	-	-	-	0.4
	F	9	1	3	0.2	0.1	0.2	-	-	-	0.5	-	-	-
Suicide	M	723	122	446	16.4	7.0	24.1	-	-	0.9	6.8	12.9	15.2	13.0
	F	281	47	182	6.2	2.7	10.0	-	-	-	3.6	3.0	7.0	5.3
<b>POPULATION:</b>			<b>M=male</b>		3855.3	1599.9	1876.3	197.9	195.3	213.8	234.9	239.7	256.9	261.4
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		3975.2	1546.9	1873.9	186.3	183.8	201.7	222.4	234.5	255.4	262.7

## 2010: SWITZERLAND

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			
72.9	131.9	199.1	325.8	556.4	853.1	1393.6	2132.3	3854.2	10963.5	M	ALL CAUSES	001-999/A00-Y89
47.9	71.8	124.8	205.7	327.1	494.0	716.2	1218.4	2176.3	8984.4	F		
-	0.6	0.3	0.3	-	-	0.5	-	-	3.8	M	Tuberculosis	010-018/A15-A19
-	-	-	-	0.4	-	-	1.2	-	2.4	F		
1.4	4.3	6.7	6.4	6.2	10.0	14.9	18.7	34.5	118.2	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
1.4	1.9	0.9	4.0	3.3	4.3	5.9	15.9	22.0	92.5	F		
11.3	32.4	56.4	117.9	232.8	390.1	622.2	884.5	1361.1	2294.1	M	ALL CANCER	140-208/C00-C97
19.9	38.4	64.9	114.3	192.1	279.4	364.5	539.6	724.5	1089.9	F		
-	1.2	3.7	7.4	21.2	22.7	24.9	18.0	28.2	37.6	M	Mouth and pharynx cancer	140-149/C00-C14
0.3	-	0.6	2.5	4.5	5.1	7.4	8.6	6.2	11.4	F		
0.3	0.9	1.8	7.1	9.1	24.4	27.6	31.7	46.4	59.9	M	Oesophagus cancer	150/C15
0.3	-	0.6	1.5	0.8	6.4	7.9	4.3	12.3	15.1	F		
0.7	2.8	3.4	4.6	8.7	14.8	24.9	22.4	40.9	71.4	M	Stomach cancer	151/C16
0.7	1.9	2.2	3.6	2.9	6.0	5.9	15.9	15.8	27.3	F		
1.4	2.2	6.7	9.6	26.1	38.4	74.9	101.6	154.6	247.1	M	Colorectal cancer	153, 154/C18-C21
1.4	2.2	3.8	9.1	14.1	17.9	33.6	60.7	67.2	139.3	F		
0.3	1.9	3.4	7.4	14.9	24.0	27.6	62.7	67.3	56.8	M	Liver cancer	155.0, 155.1/C22
-	0.3	2.2	2.9	2.9	6.8	9.4	14.1	24.0	27.3	F		
0.7	2.2	3.7	10.6	19.9	32.7	48.3	61.3	71.8	98.2	M	Pancreas cancer	157/C25
0.3	1.9	2.8	4.7	16.1	18.8	28.7	51.5	67.2	110.0	F		
-	0.3	0.6	1.4	3.3	3.0	5.8	6.5	7.3	14.6	M	Larynx cancer	161/C32
-	0.3	-	-	0.4	0.4	2.0	3.1	0.7	0.4	F		
1.1	6.5	14.7	35.8	66.4	107.7	175.2	234.3	336.4	350.6	M	Lung cancer	162/C33, C34
1.8	4.7	10.7	22.9	42.6	68.7	73.7	93.8	105.0	101.0	F		
0.7	1.9	1.2	2.8	5.0	8.3	12.2	17.3	20.9	40.7	M	Malignant melanoma	172/C43
0.3	2.5	1.6	2.9	3.7	5.1	6.9	7.4	10.3	18.7	F		
8.2	13.4	18.2	29.9	39.8	59.7	82.1	93.8	120.1	190.2	F	Female breast cancer	174/C50
0.7	2.2	1.9	2.2	1.7	3.0	3.0	1.2	2.7	6.9	F	Cervix cancer	180/C53
-	0.3	1.6	1.5	5.4	9.0	7.9	19.6	22.6	36.7	F	Other uterine cancer	179, 182/C54, C55
1.4	2.5	2.8	7.3	14.9	23.0	22.3	32.5	48.7	48.1	F	Ovarian cancer	183.0/C56
-	0.3	0.3	3.2	8.3	20.1	46.7	98.8	210.9	680.6	M	Prostate cancer	185/C61
-	0.6	0.6	1.4	7.0	11.8	22.8	26.7	63.6	141.9	M	Bladder cancer	188/C67
0.3	0.3	0.3	1.1	4.5	2.6	7.4	8.0	18.5	32.6	F		
4.6	7.7	12.9	18.4	28.6	58.4	90.8	134.1	188.2	290.0	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
3.5	4.4	11.9	16.7	28.6	32.0	46.0	76.7	130.4	208.5	F		
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
1.4	2.2	1.8	4.6	9.1	13.1	24.4	43.2	70.9	115.9	M	Myeloma and non-Hodgkin lymphomas	200, 202-203/ C82-C85, C90
-	0.9	2.2	3.3	6.6	8.5	9.9	27.0	49.4	70.0	F		
-	1.9	1.5	3.5	5.0	10.9	15.9	25.9	53.6	89.0	M	Leukaemia	204-208/C91-C95
0.3	0.6	1.6	2.2	2.5	6.4	10.4	21.5	23.3	46.4	F		
-	1.2	3.7	1.4	10.0	11.3	31.9	38.2	98.2	207.9	M	Diabetes	250/E10-E14
0.7	0.3	1.9	1.5	2.5	6.8	18.3	22.7	46.0	206.9	F		
7.0	22.5	38.6	67.3	132.8	204.9	350.4	622.8	1233.8	4451.7	M	ALL VASCULAR DISEASE	390-459/I00-I99
3.9	8.1	13.8	24.0	32.3	67.8	117.7	294.3	655.9	4055.4	F		
-	-	0.6	0.3	-	1.3	0.5	2.2	4.5	12.3	M	Rheumatic heart disease and fever	390-398/I00-I09
-	0.3	0.3	0.7	-	2.1	1.5	1.8	7.5	14.7	F		
-	0.3	3.1	2.1	7.0	12.2	24.9	31.7	99.1	466.5	M	Hypertensive disease	401-404/I10-I13
-	-	0.9	2.5	1.2	4.3	11.4	30.1	89.2	652.1	F		
3.5	10.8	21.7	35.4	73.4	111.6	172.0	305.6	554.6	1791.6	M	Ischaemic heart disease	410-414/I20-I25
0.7	2.2	2.8	9.1	9.5	25.2	42.5	109.8	230.5	1318.4	F		
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism and other venous	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
0.3	0.9	5.2	7.8	12.4	22.7	43.5	95.9	230.9	758.8	M	Cerebrovascular disease	430-438/I60-I69
0.7	1.2	4.1	5.1	9.5	13.2	29.2	62.5	135.8	731.9	F		
3.2	10.5	8.0	21.6	39.8	57.1	109.4	187.4	344.6	1422.5	M	Other vascular disease, incl. venous	Rest of 390-459/ rest of I00-I99
2.5	4.4	5.7	6.5	12.0	23.0	33.1	90.1	192.8	1338.4	F		
-	-	1.2	2.5	7.5	21.4	49.9	87.2	171.8	475.7	M	Chronic obstructive pulmonary disease	490-494, 496/ J40-J47
0.3	-	0.6	0.7	9.1	14.1	27.7	52.1	69.3	212.6	F		
0.3	0.6	2.8	3.5	10.0	13.5	20.7	54.8	94.6	460.4	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
0.7	0.3	1.2	3.3	1.7	5.5	13.3	20.9	54.2	292.4	F		
-	-	0.3	-	0.4	0.9	3.2	2.9	8.2	38.4	M	Peptic ulcer	531-533/K25-K27
-	-	-	-	0.8	0.4	2.0	1.8	5.5	23.2	F		
2.5	4.9	7.3	17.0	27.8	33.1	45.1	33.9	47.3	43.7	M	Liver cirrhosis & other liver disease	570-573/ K70-K76
1.4	1.2	5.3	7.3	16.6	9.8	15.3	12.3	22.0	22.0	F		
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
0.3	-	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/O00-O99
1.1	0.6	0.9	2.1	2.1	7.4	4.2	2.9	1.8	6.1	M	Congenital and perinatal causes	740-779/ P00-P96, Q00-Q99
-	1.2	1.6	2.2	1.7	5.5	5.9	1.8	2.7	2.0	F		
7.4	9.2	10.1	17.0	29.5	31.8	54.1	64.9	95.5	322.2	M	Ill-defined causes	780-799/R00-R99
2.8	2.5	4.7	7.6	10.8	19.2	24.7	28.8	58.3	321.8	F		
9.2	11.7	24.2	31.5	44.0	62.8	126.4	247.2	554.6	2111.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
3.2	8.1	13.2	17.5	28.2	59.3	98.4	184.6	448.7	2323.2	F		
32.7	43.8	46.5	58.8	53.5	65.8	70.1	74.2	152.8	429.7	M	ALL NON-MEDICAL CAUSES	E800-E999/V01-Y89
13.1	9.7	16.6	23.3	27.7	21.8	22.3	42.3	67.2	340.1	F		
...	...	...	...	...	...	...	...	...	...	M	Road traffic accidents	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
-	-	0.3	-	0.4	0.9	-	1.4	1.8	2.3	M	Fire	E890-E899/X00-X09
-	-	0.3	0.4	0.4	-	-	1.2	-	1.2	F		
15.1	21.6	22.1	29.0	29.0	26.1	26.0	29.6	40.0	53.7	M	Suicide	E950-E959/X60-X84
6.0	5.6	8.5	14.9	12.8	11.9	9.9	9.8	8.9	9.4	F		
284.1	324.6	326.5	282.4	241.0	229.4	188.4	138.7	110.0	130.3	M	POPULATION	
281.9	320.4	318.8	274.7	241.5	234.4	202.2	163.1	145.7	245.5	F	(1000s; UN, 2015 revision)	

<b>SWITZERLAND: 2010</b>
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**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	– / 0.7	– / 0.4	–
35–69	1.9 / 8.0	0.8 / 4.7	23 years
70+	3.3 / 21	2.2 / 27	7 years
<b>All ages</b>	<b>5.2 / 30</b>	<b>3.1 / 32</b>	<b>13 years</b>

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

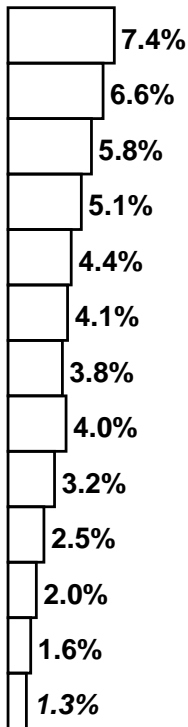
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	0.8/0.9	0.9/1.1	1.7/2.0	–/0.0	0.4/0.5	0.4/0.5	0.8/1.1
All Cancer	–/0.1	1.1/3.3 (33%)	1.4/5.7 (25%)	2.5/9.0	–/0.1	0.5/2.6 (18%)	0.5/4.6 (11%)	1.0/7.2
Vascular	–/0.0	0.5/1.8	1.0/7.9	1.4/9.8	–/0.0	0.2/0.6	0.9/11	1.1/12
Respiratory	–/0.0	0.1/0.3	0.7/1.7	0.8/2.0	–/0.0	0.1/0.2	0.5/1.6	0.6/1.8
All Other	–/0.6	0.2/2.6	0.3/6.0	0.5/9.3	–/0.3	0.1/1.3	0.4/9.6	0.5/11
<b>All Causes</b>	<b>–/0.7</b>	<b>1.9/8.0 (24%)</b>	<b>3.3/21 (16%)</b>	<b>5.2/30</b>	<b>–/0.4</b>	<b>0.8/4.7 (18%)</b>	<b>2.2/27 (8%)</b>	<b>3.1/32</b>

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

Cause	Male	Female	Male + Female
All Cancer	2.5 / 9.0 (28%)	1.0 / 7.2 (13%)	3.4 / 16 (21%)
All Causes	5.2 / 30 (17%)	3.1 / 32 (9%)	8.3 / 63 (13%)

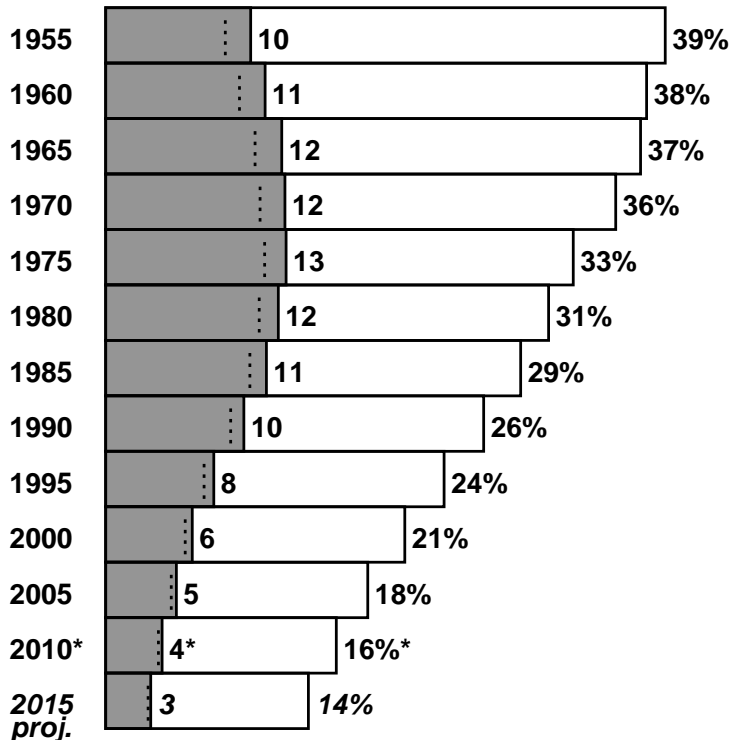
1955-2015: SWITZERLAND

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)

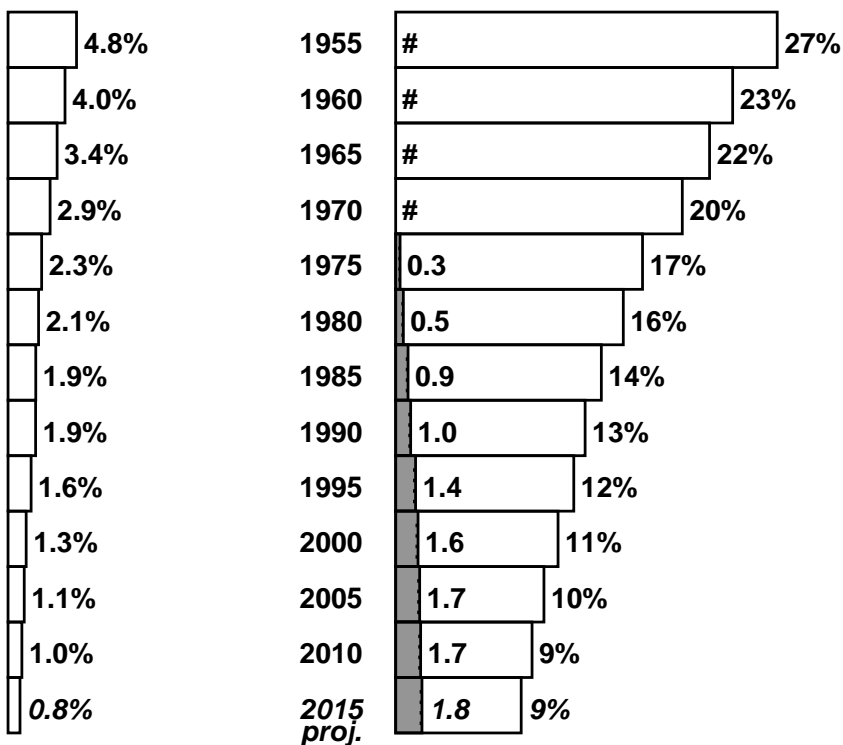
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 16 would die before age 70 (with 4 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



# Real risk too low to estimate reliably

<b>SWITZERLAND: 1950-2015</b>
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**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	– / 0.6	– / 0.4	–
35–69	1.6 / 7.6	0.9 / 4.7	<b>23 years</b>
70+	3.2 / 22	2.6 / 28	7 years
<b>All ages</b>	<b>4.8 / 30</b>	<b>3.6 / 33</b>	<b>12 years</b>

**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	–/3.0	2.9/11 <b>(27%)</b>	1.1/12 <b>(9%)</b>	4.0/26	–/1.9	0.0/8.0	0.0/15	0.0/24
1965	–/2.9	4.0/12 <b>(33%)</b>	1.8/14 <b>(13%)</b>	5.9/29	–/1.6	0.0/7.6	0.0/17	0.0/26
1975	–/2.1	4.4/11 <b>(38%)</b>	3.5/16 <b>(21%)</b>	7.9/30	–/1.1	0.1/6.3 <b>(2%)</b>	0.1/19 <b>(0.3%)</b>	0.2/27
1985	–/1.8	3.9/10 <b>(38%)</b>	4.5/19 <b>(24%)</b>	8.4/31	–/0.8	0.3/5.2 <b>(6%)</b>	0.4/23 <b>(2%)</b>	0.7/29
1995	–/1.6	2.9/9.3 <b>(31%)</b>	4.1/20 <b>(20%)</b>	7.0/31	–/0.8	0.6/5.0 <b>(11%)</b>	1.2/26 <b>(5%)</b>	1.8/32
2005	–/0.9	2.2/8.2 <b>(26%)</b>	3.5/20 <b>(17%)</b>	5.7/30	–/0.5	0.7/4.7 <b>(16%)</b>	1.9/26 <b>(7%)</b>	2.6/32
2015 <i>proj.</i>	–/0.6	1.6/7.6 <b>(22%)</b>	3.2/22 <b>(14%)</b>	4.8/30	–/0.4	0.9/4.7 <b>(20%)</b>	2.6/28 <b>(9%)</b>	3.6/33

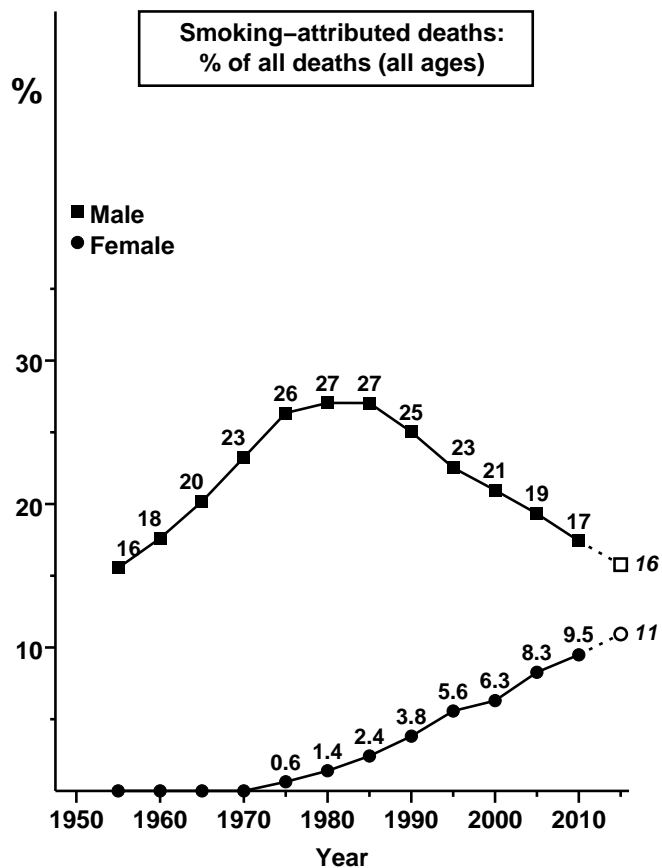
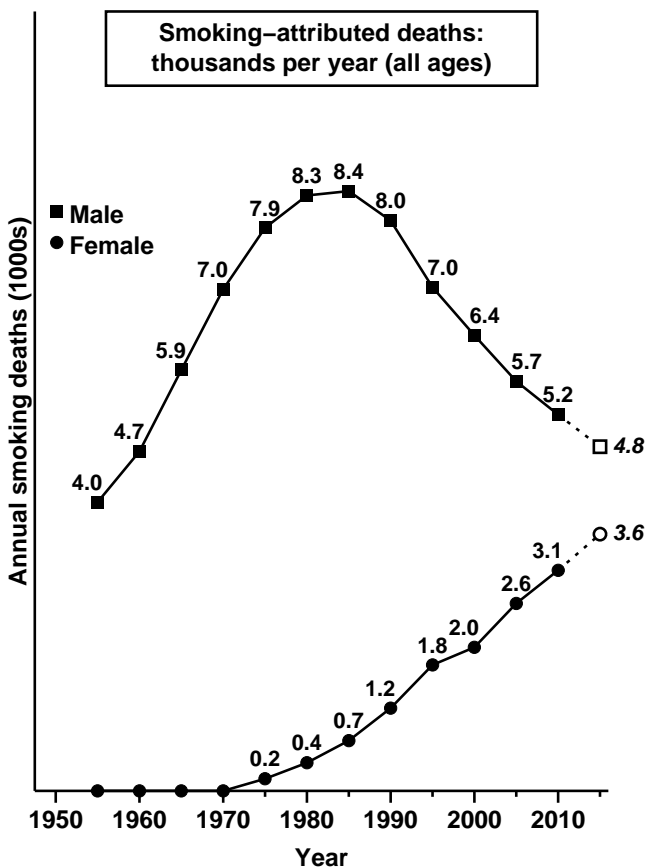
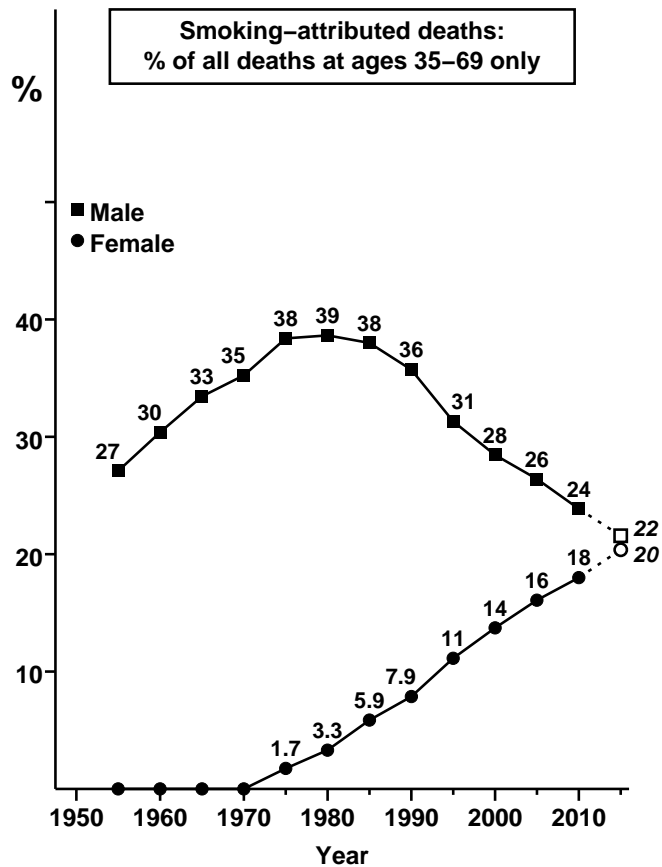
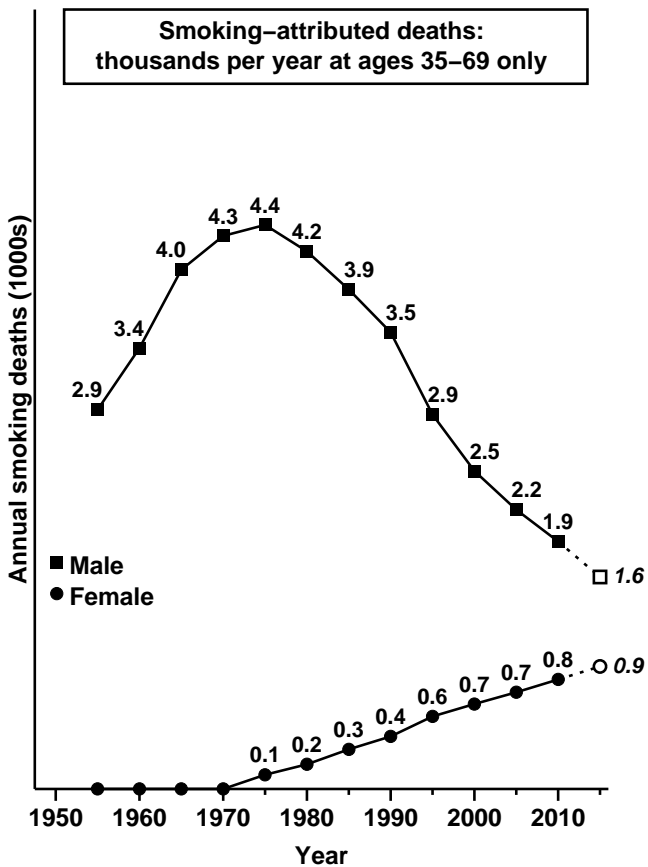
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 484 / 3585**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

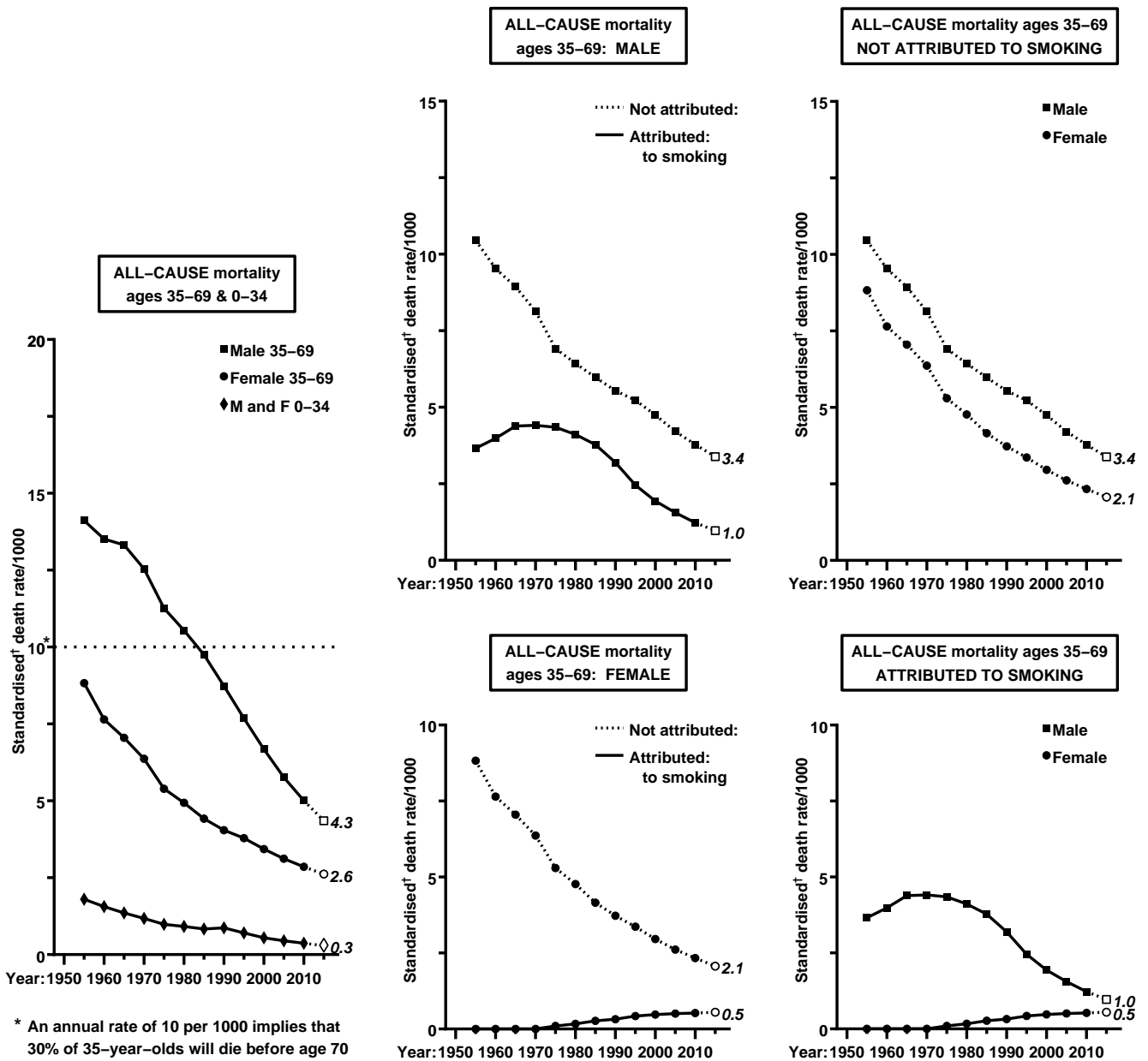
–/100	190/587 <b>(32%)</b>	207/1124 <b>(18%)</b>	396/1810	–/52	27/335 <b>(8%)</b>	61/1389 <b>(4%)</b>	88/1776
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1955-2015: SWITZERLAND



**SWITZERLAND: 1955-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

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

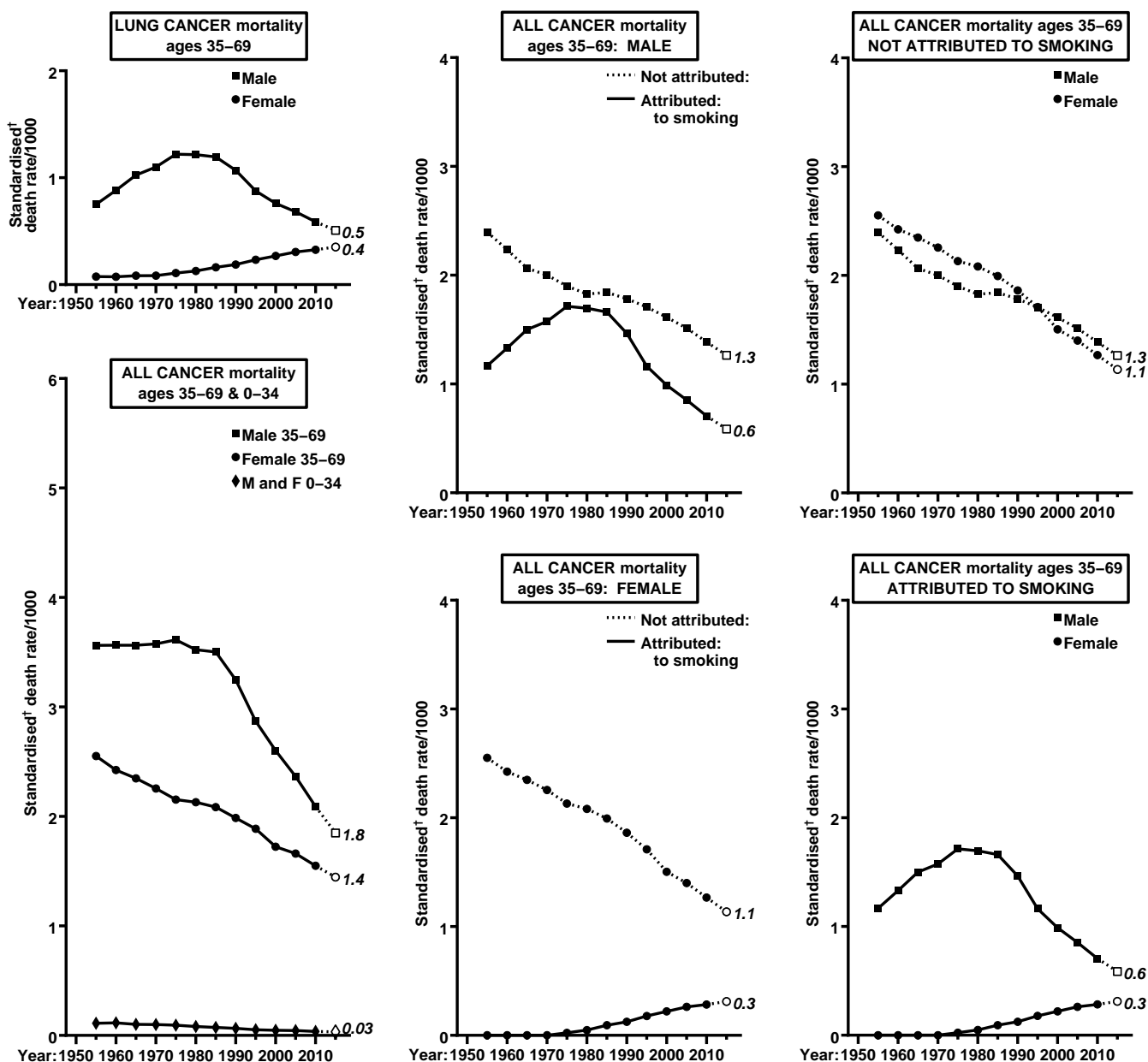
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		0-34		35-69		70-79			
			Yes	No	Yes	No	Yes	No			Yes	No	Yes	No		
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
1955	-	2.20	3.66	10.5	7.70	70.8	-	1.40	0.00	8.83	0.00	61.1				
1960	-	1.96	3.98	9.53	8.53	65.4	-	1.16	0.00	7.64	0.00	54.0				
1965	-	1.71	4.38	8.93	10.8	63.4	-	0.99	0.00	7.05	0.00	51.3				
1970	-	1.50	4.41	8.13	14.1	57.6	-	0.85	0.00	6.36	0.00	47.0				
1975	-	1.29	4.34	6.91	15.5	50.1	-	0.68	0.10	5.29	0.13	39.1				
1980	-	1.21	4.11	6.43	15.8	45.6	-	0.61	0.17	4.77	0.42	33.9				
1985	-	1.10	3.78	5.97	14.8	40.7	-	0.56	0.27	4.15	0.83	28.6				
1990	-	1.18	3.19	5.54	13.4	38.1	-	0.55	0.32	3.72	1.11	25.1				
1995	-	0.94	2.45	5.23	11.3	35.7	-	0.46	0.42	3.36	1.50	22.5				
2000	-	0.72	1.93	4.74	9.41	31.9	-	0.36	0.47	2.96	1.52	19.9				
2005	-	0.57	1.55	4.21	7.30	27.2	-	0.32	0.50	2.61	1.87	17.1				
2010	-	0.45	1.22	3.78	5.76	24.0	-	0.28	0.52	2.33	2.01	15.1				
2015	-	0.37	0.97	3.38	4.56	21.1	-	0.24	0.55	2.07	2.15	13.2				

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



1955-2015: SWITZERLAND

ALL CANCER mortality rates attributed and not attributed to smoking



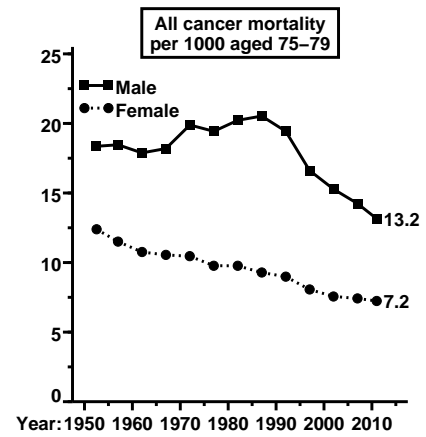
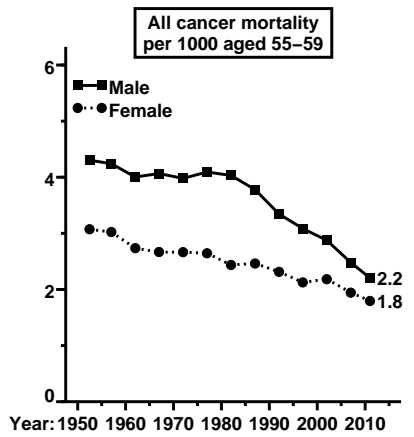
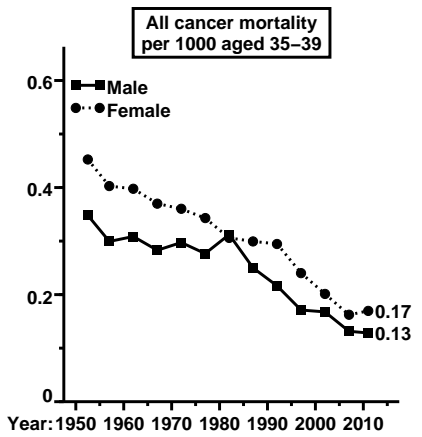
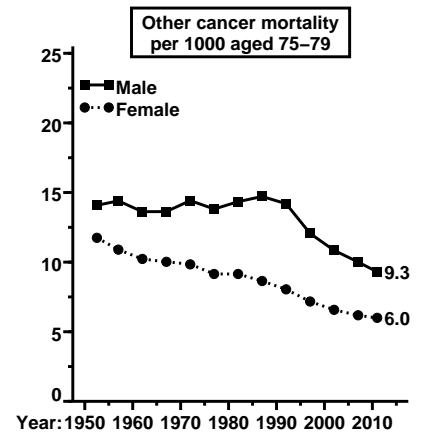
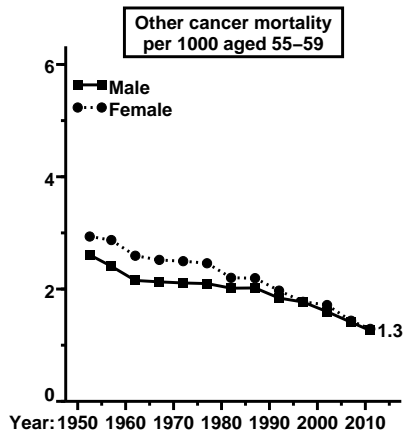
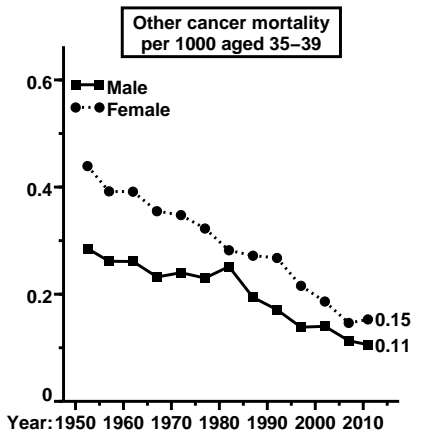
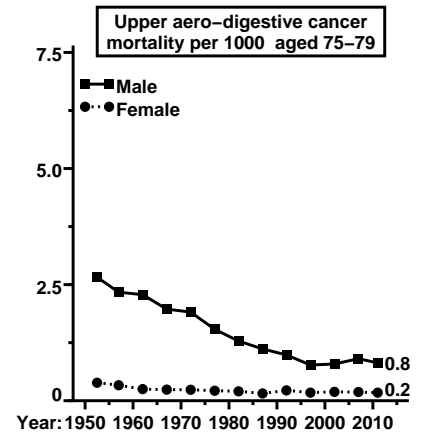
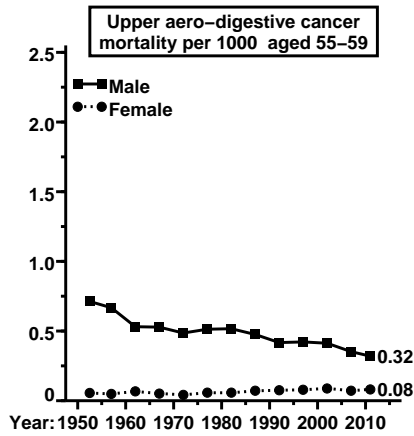
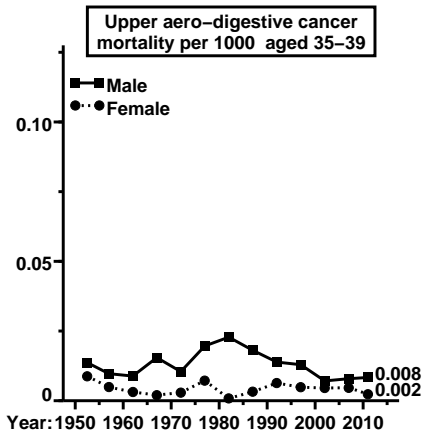
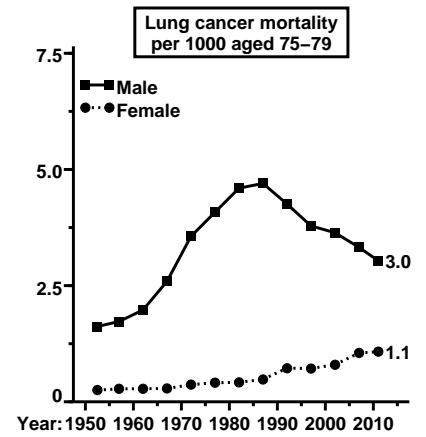
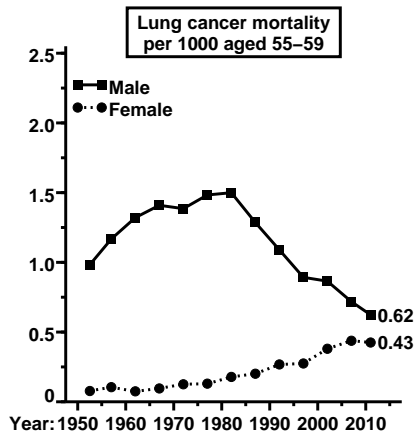
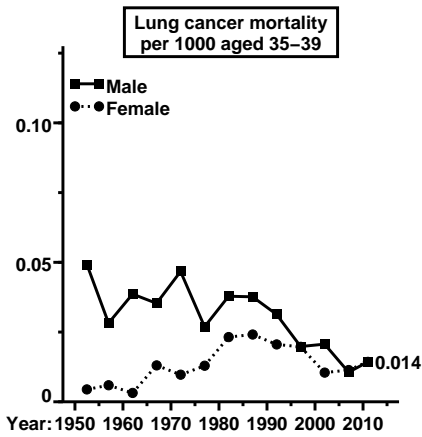
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)							FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79			
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	...	...	
1955	-	0.12	1.17	2.40	2.52	13.5	-	0.10	0.00	2.55	0.00	10.1	9.45	
1960	-	0.13	1.33	2.23	2.91	13.0	-	0.10	0.00	2.42	0.00	9.19	9.12	
1965	-	0.11	1.50	2.06	3.60	12.2	-	0.09	0.00	2.35	0.00	8.66	8.18	
1970	-	0.11	1.57	2.00	4.80	12.1	-	0.08	0.00	2.25	0.00	8.01	7.56	
1975	-	0.11	1.71	1.90	5.71	11.6	-	0.08	0.02	2.13	0.02	6.80	6.15	
1980	-	0.09	1.70	1.83	6.01	11.0	-	0.07	0.05	2.08	0.09	5.87	5.50	
1985	-	0.08	1.66	1.84	6.13	11.3	-	0.07	0.09	1.99	0.22	5.12	5.12	
1990	-	0.07	1.46	1.78	5.68	11.2	-	0.06	0.12	1.86	0.32	5.12	5.12	
1995	-	0.06	1.16	1.71	4.88	10.3	-	0.04	0.18	1.71	0.47	5.12	5.12	
2000	-	0.05	0.99	1.61	4.37	9.46	-	0.04	0.22	1.50	0.52	5.12	5.12	
2005	-	0.05	0.85	1.51	3.76	8.52	-	0.04	0.26	1.40	0.74	5.12	5.12	
2010	-	0.04	0.70	1.39	3.18	8.00	-	0.03	0.28	1.27	0.87	5.12	5.12	
2015	-	0.04	0.59	1.26	2.70	7.50	-	0.03	0.31	1.13	1.01	5.12	5.12	

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

**SWITZERLAND: 1951-2012**

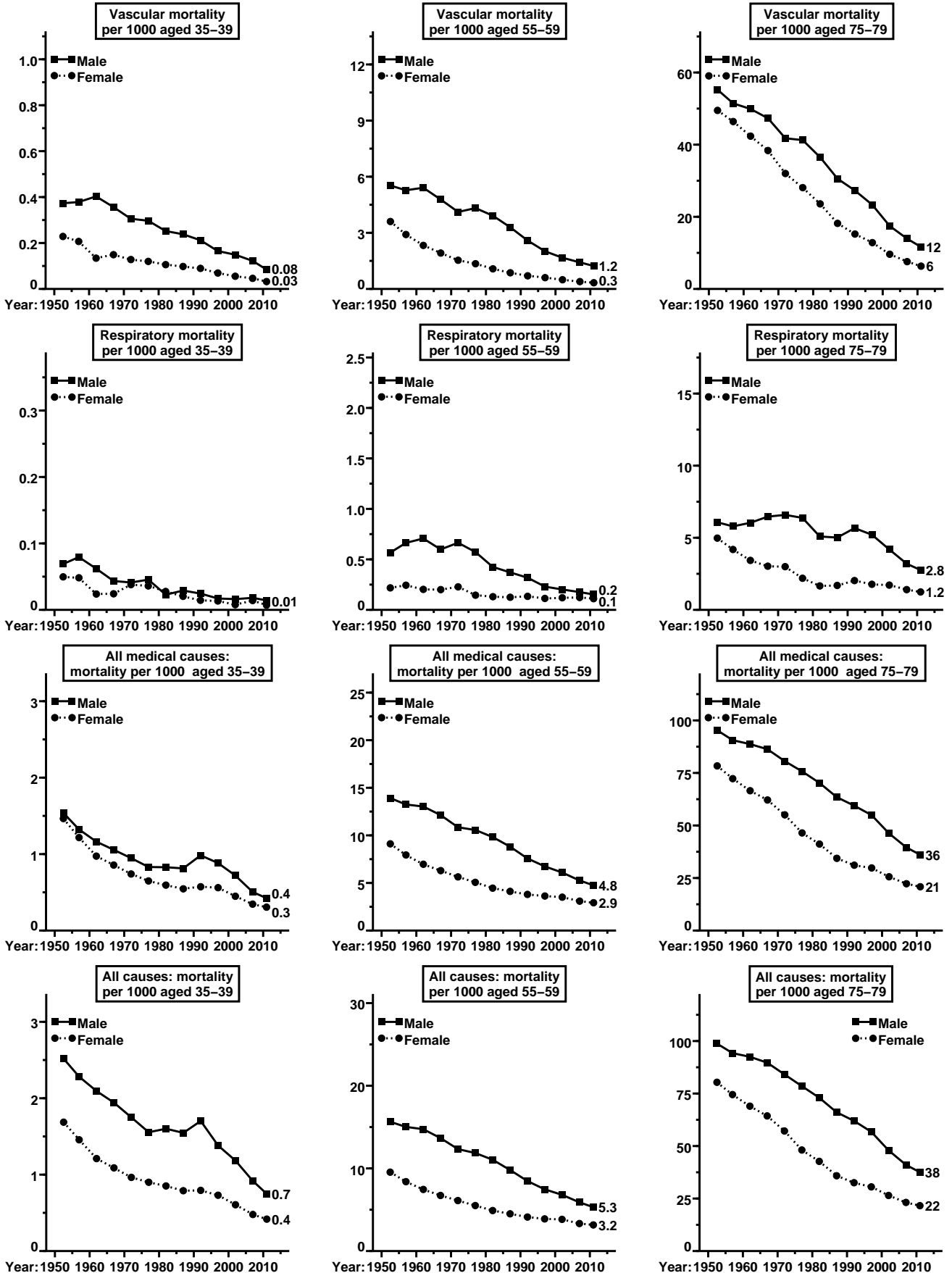
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 3-year average 2010–12

1951-2012: SWITZERLAND

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 3-year average 2010-12

## TURKEY: 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	210919	34334	83747	966.2	153.4	979.6	448.1	43.5	44.4	92.0	129.7	144.6	171.3
	F	171478	19994	45294	603.7	91.2	474.2	384.7	34.3	29.2	35.7	42.2	49.1	63.4
Tuberculosis	M	790	141	413	3.2	0.6	4.2	0.4	0.2	0.1	0.3	0.7	1.3	1.5
	F	347	68	119	1.2	0.3	1.2	0.3	0.2	0.2	0.2	0.3	0.5	0.5
Other infective and parasitic	M	94	37	55	0.3	0.2	0.4	0.1	0.0	-	-	0.1	0.3	0.6
	F	34	18	16	0.1	0.1	0.1	0.1	0.0	-	-	0.1	0.2	0.2
ALL CANCER	M	56036	3059	31526	258.1	13.9	375.3	4.3	7.2	7.3	12.5	15.4	19.9	30.9
	F	31863	2054	17081	113.9	9.5	166.1	3.8	5.6	5.3	6.5	8.5	13.0	23.4
Mouth and pharynx cancer	M	827	78	564	3.5	0.4	6.1	-	0.0	0.1	0.4	0.5	0.6	0.9
	F	376	39	217	1.3	0.2	2.0	-	0.0	0.1	0.3	0.2	0.2	0.5
Oesophagus cancer	M	565	29	312	2.6	0.1	3.6	-	-	-	0.1	0.2	0.2	0.5
	F	493	17	258	1.8	0.1	2.5	-	-	-	0.0	0.1	0.2	0.3
Stomach cancer	M	5589	184	3134	25.9	0.9	36.3	-	-	-	0.2	0.6	1.8	3.4
	F	2972	124	1387	10.7	0.6	13.8	-	-	-	0.1	0.4	1.0	2.5
Colorectal cancer	M	4222	200	2177	19.8	0.9	25.4	-	-	-	0.2	0.8	1.9	3.6
	F	3350	123	1540	12.1	0.6	15.6	-	-	-	0.2	0.5	1.1	2.2
Liver cancer	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pancreas cancer	M	2538	27	1566	11.8	0.1	18.8	-	-	-	0.1	0.1	0.2	0.6
	F	1903	22	937	7.1	0.1	10.0	-	-	-	0.1	0.1	0.2	0.3
Larynx cancer	M	1224	18	713	5.8	0.1	8.4	-	-	-	0.1	0.1	0.1	0.3
	F	180	7	89	0.7	0.0	0.9	-	-	-	0.0	0.0	0.1	0.1
Lung cancer	M	21616	224	14076	100.3	1.1	170.5	-	-	-	0.5	1.1	1.4	4.4
	F	4068	91	2195	14.9	0.4	22.1	-	-	-	0.2	0.5	0.7	1.6
Malignant melanoma	M	242	15	122	1.1	0.1	1.4	-	-	-	0.0	0.1	0.1	0.2
	F	187	6	66	0.7	0.0	0.7	-	-	-	-	0.0	0.1	0.1
Female breast cancer	F	5096	261	3497	17.9	1.2	30.5	-	-	-	0.2	0.4	1.9	6.1
Cervix cancer	F	1051	39	685	3.8	0.2	6.3	-	-	-	0.1	0.1	0.2	0.8
Other uterine cancer	F	639	6	376	2.4	0.0	4.0	-	-	-	-	0.0	0.1	0.1
Ovarian cancer	F	1956	72	1317	7.1	0.3	12.8	-	-	-	0.3	0.4	0.6	1.1
Prostate cancer	M	3872	13	815	21.4	0.1	11.8	-	-	-	0.1	0.1	0.1	0.2
Bladder cancer	M	3070	17	1545	15.1	0.1	20.4	-	-	-	0.1	0.0	0.1	0.4
	F	622	10	240	2.3	0.1	2.6	-	-	-	0.0	0.1	0.1	0.1
Other and ill-defined cancer sites	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Hodgkin's disease	M	190	67	99	0.7	0.3	1.0	0.1	0.1	0.2	0.3	0.4	0.4	0.6
	F	117	40	53	0.4	0.2	0.5	0.0	0.0	0.2	0.2	0.3	0.3	0.3
Myeloma and non-Hodgkin lymphomas	M	2002	302	1114	8.4	1.4	12.5	0.1	0.8	0.8	1.5	1.8	2.2	2.5
	F	1527	144	739	5.4	0.7	7.4	0.1	0.3	0.5	0.6	0.9	1.2	1.0
Leukaemia	M	2536	939	942	9.4	4.2	10.1	2.6	3.5	3.6	5.0	5.2	4.4	5.0
	F	1679	491	660	5.4	2.2	6.2	2.1	2.2	2.2	2.4	2.1	2.2	2.4
Diabetes	M	5938	150	2389	29.9	0.7	30.5	0.6	0.1	0.2	0.4	0.6	1.2	1.7
	F	9083	105	2417	33.5	0.5	27.9	0.4	0.1	0.2	0.3	0.5	0.7	1.0
ALL VASCULAR DISEASE	M	67510	2581	28471	339.0	11.8	338.1	9.8	2.3	3.7	7.7	11.3	18.1	29.7
	F	70361	1250	14923	256.5	5.7	166.3	7.9	2.3	2.6	3.6	5.5	7.3	11.0
Rheumatic heart disease and fever	M	185	13	76	0.9	0.1	0.9	0.0	-	0.0	0.1	0.1	0.1	0.1
	F	577	19	106	2.1	0.1	1.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2
Hypertensive disease	M	6031	159	1725	32.8	0.7	21.8	0.1	0.0	0.1	0.6	0.9	1.4	2.0
	F	10324	71	1396	37.6	0.3	16.2	0.1	0.0	0.1	0.3	0.4	0.6	0.8
Ischaemic heart disease	M	40482	1021	20216	198.2	4.7	237.9	0.7	0.1	0.2	2.4	4.0	8.8	17.0
	F	30957	303	6987	113.4	1.4	78.5	0.8	0.1	0.2	1.0	1.5	2.5	3.7
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	17284	718	4640	92.6	3.2	57.9	3.7	1.4	2.0	2.0	3.0	4.2	6.5
	F	25027	482	4968	91.0	2.2	55.0	2.6	1.3	1.2	1.3	2.1	2.6	4.4
Other vascular disease, incl. venous	M	2630	280	1168	12.2	1.3	13.1	1.7	0.3	0.4	0.8	1.4	1.9	2.4
	F	3842	209	1596	14.0	1.0	17.2	1.9	0.3	0.5	0.4	0.8	1.1	1.6
Chronic obstructive pulmonary disease	M	18700	291	5597	99.7	1.3	74.4	1.5	0.3	0.3	1.1	1.3	1.5	3.3
	F	11819	171	2293	43.2	0.8	26.4	0.6	0.2	0.2	0.7	1.0	1.2	1.6
Other respiratory disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Peptic ulcer	M	891	157	368	4.0	0.7	4.0	0.0	0.1	0.2	0.7	1.2	1.3	1.5
	F	627	57	165	2.2	0.3	1.6	0.0	0.1	0.1	0.3	0.3	0.4	0.5
Liver cirrhosis	M	2353	159	1426	10.5	0.7	15.6	0.3	0.3	0.3	0.4	0.8	1.1	1.9
	F	1586	76	665	5.8	0.3	7.1	0.2	0.2	0.2	0.3	0.4	0.5	0.7
Renal disease	M	4505	332	1679	22.3	1.5	20.3	1.7	0.6	0.6	1.2	1.5	2.0	2.9
	F	4240	218	1320	15.3	1.0	14.4	1.2	0.6	0.7	0.8	1.0	1.1	1.6
Pregnancy, birth	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital and perinatal causes	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Ill-defined causes	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Other medical causes	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL NON-MEDICAL CAUSES	M	18571	10767	6058	55.2	48.8	49.3	20.2	13.5	17.3	51.1	78.5	81.4	79.8
	F	5731	2557	1667	17.1	11.7	14.3	12.9	7.3	8.1	13.5	14.3	13.6	11.9
Road traffic accidents	M	6571	3753	2231	19.5	17.0	18.6	6.2	7.4	7.6	17.4	25.5	28.1	26.9
	F	1854	839	700	5.5	3.8	6.1	4.3	3.9	3.1	3.5	3.9	4.2	3.9
Fire	M	288	167	79	0.9	0.8	0.7	1.1	0.3	0.3	0.7	0.9	0.9	1.0
	F	148	55	29	0.5	0.2	0.3	0.8	0.3	0.2	0.1	0.1	0.2	0.1
Suicide	M	3291	1946	1169	9.4	8.9	9.2	-	-	2.1	10.5	16.6	16.0	17.0
	F	1043	618	306	2.8	2.8	2.4	-	-	1.9	5.4	5.1	4.2	3.2
POPULATION:			M=male		35525	22427	11687	3276	3303	3330	3189	3186	3174	2969
(1000s; UN, 2015 revision)			F=female		36786	21937	12926	3139	3173	3213	3101	3136	3165	3009

## 2010: TURKEY

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			
220.5	305.8	447.1	682.4	1052.8	1641.8	2507.0	3865.8	6116.2	14342.5	M	ALL CAUSES	001-999/A00-Y89
86.3	126.8	195.0	302.2	478.5	806.1	1324.6	2253.9	3927.4	11861.9	F		
2.1	2.7	3.1	3.5	4.1	5.8	7.8	11.5	17.1	29.3	M	Tuberculosis	010-018, 137/
0.4	0.5	0.6	0.8	1.2	1.9	2.7	4.2	7.2	15.2	F		A15-A19, B90
0.7	0.7	0.5	0.4	0.2	0.2	0.2	0.1	0.2	-	M	Other infective	Rest of 001-139,279.5&.6/
0.2	0.2	0.1	0.1	0.1	0.1	-	-	-	-	F	and parasitic	rest of A00-B99 excl A33,A34
51.2	88.4	162.0	287.2	450.2	678.7	909.2	1223.4	1520.1	2279.8	M	ALL CANCER	140-208/C00-C97
37.9	61.5	94.5	141.0	199.5	267.5	361.0	464.9	619.5	983.6	F		
1.3	2.6	3.5	5.9	7.9	10.9	10.6	11.4	13.4	17.1	M	Mouth and	140-149/C00-C14
0.6	1.0	1.5	1.9	2.4	3.4	3.4	4.6	6.1	8.6	F	pharynx cancer	
0.6	1.2	1.6	3.0	4.0	6.3	8.8	11.4	17.1	25.1	M	Oesophagus cancer	150/C15
0.6	1.0	1.5	2.0	3.2	3.9	5.5	7.5	11.4	16.5	F		
7.4	10.9	17.1	28.1	42.1	60.9	87.8	127.3	165.2	239.2	M	Stomach cancer	151/C16
3.5	4.9	7.0	10.4	15.1	21.8	33.6	49.4	67.3	122.7	F		
5.8	8.0	11.1	17.5	27.9	44.7	63.1	95.1	128.4	226.2	M	Colorectal cancer	153, 154/C18-C21
2.9	4.8	8.0	11.5	17.5	25.4	38.7	52.7	77.8	147.6	F		
...	...	...	...	...	...	...	...	...	...	M	Liver cancer	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.3	4.5	8.3	14.1	21.8	32.2	48.3	59.0	66.1	89.0	M	Pancreas cancer	157/C25
0.9	1.9	3.1	6.8	12.0	18.2	27.0	36.2	47.7	68.7	F		
0.7	1.9	3.9	7.4	10.9	15.0	19.5	27.1	36.0	53.2	M	Larynx cancer	161/C32
0.1	0.3	0.4	0.8	1.2	1.4	1.8	2.6	4.3	6.8	F		
11.2	30.4	71.3	136.6	216.6	318.6	408.8	485.0	519.6	603.0	M	Lung cancer	162/C33, C34
2.8	5.8	11.0	19.4	27.0	37.8	51.0	67.0	87.8	133.8	F		
0.3	0.5	0.8	1.1	1.5	2.3	3.1	4.2	6.9	16.7	M	Malignant melanoma	172/C43
0.1	0.2	0.4	0.5	0.7	1.1	1.6	2.2	4.5	12.8	F		
11.9	18.9	26.1	33.0	38.4	40.2	45.0	48.4	60.2	109.7	F	Female breast cancer	174/C50
1.6	3.2	5.1	6.3	7.4	9.3	11.0	13.0	16.3	23.4	F	Cervix cancer	180/C53
0.3	0.6	1.4	2.8	5.1	7.1	10.8	11.5	13.5	15.8	F	Other uterine cancer	179, 182/C54, C55
2.1	4.4	7.7	11.7	16.9	20.8	25.6	26.4	28.8	34.6	F	Ovarian cancer	183/C56, C570-C574
0.2	0.5	1.1	3.8	9.1	22.9	44.9	109.3	206.4	504.2	M	Prostate cancer	185/C61
0.8	1.9	4.6	11.4	22.9	39.9	61.0	87.4	106.8	156.7	M	Bladder cancer	188/C67
0.3	0.4	0.8	1.3	2.8	4.5	8.4	12.3	17.6	31.1	F		
...	...	...	...	...	...	...	...	...	...	M	Other and ill-defined	
...	...	...	...	...	...	...	...	...	...	F	cancer sites	
0.6	0.7	1.0	0.8	0.9	1.1	1.7	1.6	1.9	1.5	M	Hodgkin's disease	201/C81
0.3	0.3	0.4	0.4	0.5	0.5	1.1	1.3	1.3	1.1	F		
3.5	4.1	6.6	9.4	15.4	21.7	26.9	34.2	43.9	55.9	M	Myeloma and non-	200, 202-203/
1.4	2.2	3.0	5.8	9.8	12.2	17.4	26.5	37.0	39.2	F	Hodgkin lymphomas	C82-C90, C96
4.7	5.1	5.8	7.1	9.7	15.8	22.5	33.5	47.7	77.2	M	Leukaemia	204-208/C91-C95
2.7	2.9	3.6	4.9	6.5	9.9	13.0	17.6	24.3	44.7	F		
3.2	5.2	9.2	17.8	30.6	54.3	93.2	151.0	237.9	475.6	M	Diabetes	250/E10-E14
1.5	2.8	6.0	12.1	26.7	53.6	92.5	169.6	275.7	653.5	F		
59.3	101.8	155.4	232.1	356.2	558.7	903.1	1394.2	2372.3	6001.3	M	ALL VASCULAR	390-459/I00-I99
17.3	29.2	50.5	86.1	147.8	296.2	536.7	1014.6	1904.7	6353.4	F	DISEASE	
0.2	0.3	0.5	0.5	0.9	1.3	2.2	3.6	6.7	15.2	M	Rheumatic heart	390-398/I00-I09
0.3	0.4	0.7	0.8	1.0	1.5	2.6	7.5	15.8	54.4	F	disease and fever	
2.8	5.5	8.1	11.7	18.5	36.6	69.1	129.9	250.1	791.6	M	Hypertensive disease	401-405/I10-I15
1.3	2.1	3.2	6.7	14.3	28.3	57.2	133.4	283.3	1115.2	F		
40.9	73.5	116.2	171.2	254.5	394.2	614.5	821.2	1285.0	2891.6	M	Ischaemic heart	410-414/I20-I25
6.6	11.7	23.1	40.5	70.4	142.4	254.5	463.7	831.6	2746.9	F	disease	
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism	Not given
...	...	...	...	...	...	...	...	...	...	F	and other venous	separately
8.4	12.4	17.9	34.7	63.8	95.7	172.2	387.9	751.2	2181.7	M	Cerebrovascular	430-438/I60-I69
6.6	10.9	17.4	28.5	48.3	96.1	177.1	370.4	710.3	2264.8	F	disease	
4.0	5.5	7.7	8.9	12.3	21.2	32.3	49.3	82.8	173.4	M	Other vascular	Rest of 390-459/
2.5	3.8	5.7	9.9	16.6	30.9	51.3	50.3	81.3	210.9	F	disease, incl. venous	rest of I00-I99
5.5	10.1	19.8	35.9	66.6	130.9	251.9	485.6	846.6	2096.5	M	Chronic obstructive	490-496/
2.2	3.0	5.8	11.5	24.6	44.7	93.2	176.3	327.2	1097.1	F	pulmonary disease	J40-J47, J67
...	...	...	...	...	...	...	...	...	...	M	Other respiratory	
...	...	...	...	...	...	...	...	...	...	F	disease	
1.8	2.0	2.0	3.0	4.0	6.0	8.9	13.4	24.5	60.5	M	Peptic ulcer	531-533/K25-K27
0.5	0.6	0.8	1.3	1.6	2.5	4.1	6.9	13.8	48.9	F		
3.4	6.0	10.1	14.1	20.0	24.6	31.1	41.4	53.1	90.1	M	Liver cirrhosis	571/K70, K74
0.9	1.6	2.6	4.2	7.2	13.3	19.9	28.8	37.7	72.1	F		
4.1	5.9	8.0	12.0	20.1	34.2	57.8	101.8	159.9	398.5	M	Renal disease	580-590/N00-N19
2.1	2.7	4.3	7.7	15.1	25.4	43.3	67.3	110.5	276.1	F		
...	...	...	...	...	...	...	...	...	...	F	Pregnancy, birth	
...	...	...	...	...	...	...	...	...	...	M	Congenital and	
...	...	...	...	...	...	...	...	...	...	F	perinatal causes	
...	...	...	...	...	...	...	...	...	...	M	Ill-defined causes	
...	...	...	...	...	...	...	...	...	...	F		
...	...	...	...	...	...	...	...	...	...	M	Other medical causes	
...	...	...	...	...	...	...	...	...	...	F		
68.5	59.2	47.6	38.4	37.3	41.5	52.4	74.0	121.5	254.8	M	ALL NON-	E800-E999/V01-Y89
10.9	10.0	10.8	12.1	13.8	18.0	24.7	33.9	55.2	166.2	F	MEDICAL CAUSES	
24.2	20.6	17.6	14.2	14.4	17.4	22.0	30.3	44.1	65.8	M	Road traffic	E810-E819, E826-E829/
4.0	3.8	4.8	5.3	6.1	8.4	10.3	11.3	15.6	24.4	F	accidents	part of V01-V99, Y850
0.7	0.8	0.5	0.6	0.7	0.8	0.7	1.4	2.9	7.2	M	Fire	E890-E899/X00-X09
0.1	0.2	0.2	0.2	0.2	0.3	0.6	1.2	2.2	7.5	F		
13.3	12.2	9.4	8.1	7.0	6.9	7.2	8.7	12.1	22.8	M	Suicide	E950-E959/X60-X84
2.9	2.3	2.1	2.3	2.0	2.3	2.7	3.2	4.5	12.3	F		
2622	2265	1973	1671	1355	996	806	669	478	263	M	POPULATION	
2731	2374	2130	1917	1636	1191	948	755	621	546	F	(1000s; UN, 2015 revision)	

## TURKEY: 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	– / 34	– / 20	–
35–69	44 / 84	6.1 / 45	25 years
70+	29 / 93	10 / 106	8 years
All ages	73 / 211	16 / 171	18 years

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

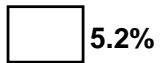
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.2	13/14	6.7/7.3	20/22	–/0.1	1.3/2.2	1.1/1.8	2.4/4.1
All Cancer	–/3.1	18/32 (58%)	9.1/21 (42%)	27/56	–/2.1	1.7/17 (10%)	1.3/13 (10%)	3.0/32
Vascular	–/2.6	16/28	8.3/36	25/68	–/1.2	2.5/15	3.4/54	6.0/70
Respiratory	–/0.3	4.7/5.6	9.5/13	14/19	–/0.2	1.0/2.3	4.3/9.4	5.4/12
All Other	–/28	4.3/18	2.5/22	6.8/69	–/17	0.8/11	0.9/30	1.7/57
All Causes	–/34	44/84 (52%)	29/93 (32%)	73/211	–/20	6.1/45 (13%)	10/106 (9%)	16/171

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

Cause	Male	Female	Male + Female
All Cancer	27 / 56 (49%)	3.0 / 32 (9%)	30 / 88 (34%)
All Causes	73 / 211 (35%)	16 / 171 (9%)	89 / 382 (23%)

2010: TURKEY

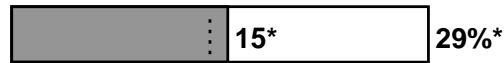
Population risk of dying at ages 0–34



MALE

2010\*

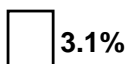
Population risk of a 35-year-old dying at ages 35–69 from smoking (shaded) or from any cause (shaded and white)



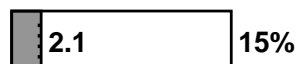
\*eg, at year 2010 male death rates, out of 100 men aged 35, 29 would die before age 70 (with 15 of these deaths attributed to smoking)

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



2010



## UKRAINE: 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	341249	21466	160135	1569.4	190.4	2048.5	260.7	32.5	32.5	83.3	178.4	281.9	463.8
	F	356986	8559	79642	832.9	83.6	789.9	201.4	20.4	22.6	42.6	55.0	96.9	146.3
Tuberculosis	M	6269	1092	4927	27.7	8.9	49.3	0.5	0.1	-	0.6	6.3	17.8	36.8
	F	1352	347	863	5.1	2.8	7.5	0.3	-	-	0.5	3.3	6.2	9.6
Other infective and parasitic	M	4767	1878	2787	20.9	15.8	26.8	9.3	0.9	1.0	0.7	5.3	26.1	67.3
	F	2254	914	1226	9.2	7.9	10.8	7.8	0.3	0.6	0.8	5.2	15.3	25.1
ALL CANCER	M	48556	991	29663	223.3	9.0	396.0	7.1	4.4	4.5	5.5	9.0	12.6	19.6
	F	39255	986	21421	116.3	8.9	206.3	5.1	3.9	3.0	5.5	6.9	12.9	24.9
Mouth and pharynx cancer	M	3133	22	2505	14.4	0.2	30.9	-	0.1	0.1	-	0.1	0.4	0.6
	F	448	10	237	1.3	0.1	2.2	0.1	-	-	-	0.1	0.2	0.2
Oesophagus cancer	M	1391	1	1073	6.5	0.0	13.7	-	-	-	-	-	-	0.1
	F	199	1	81	0.5	0.0	0.8	-	-	-	-	-	-	0.1
Stomach cancer	M	5526	60	3295	25.3	0.5	44.0	-	-	-	-	0.1	0.8	2.5
	F	3622	52	1744	10.2	0.4	17.2	-	-	-	-	0.1	0.8	2.0
Colorectal cancer	M	5984	43	3024	27.6	0.3	43.1	-	-	-	0.1	0.2	0.9	1.2
	F	5870	39	2591	15.9	0.3	25.8	-	-	-	-	0.2	0.6	1.4
Liver cancer	M	946	18	624	4.4	0.1	8.2	0.2	-	-	0.1	0.1	0.3	0.4
	F	655	10	318	1.9	0.1	3.1	0.2	-	-	0.1	0.1	0.2	0.2
Pancreas cancer	M	2393	31	1605	11.0	0.2	20.7	-	-	-	-	0.1	0.3	1.4
	F	1963	11	913	5.4	0.1	9.2	-	-	-	-	0.1	0.2	0.4
Larynx cancer	M	1449	1	1051	6.7	0.0	13.7	-	-	-	-	-	-	0.1
	F	51	-	28	0.1	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	11862	32	7752	54.6	0.3	105.2	-	-	-	0.2	0.2	0.3	1.1
	F	2314	25	1147	6.5	0.2	11.1	-	-	-	0.2	0.2	0.4	0.6
Malignant melanoma	M	534	37	358	2.5	0.3	4.4	-	-	-	0.1	0.3	0.4	1.4
	F	564	36	338	1.8	0.3	3.2	-	-	0.1	-	0.3	0.4	1.3
Female breast cancer	F	7965	89	5056	24.5	0.7	47.7	-	-	-	-	0.2	1.1	3.8
Cervix cancer	F	2144	139	1520	7.3	1.1	13.6	-	-	-	-	0.3	2.2	5.3
Other uterine cancer	F	2076	14	1161	6.0	0.1	11.5	-	-	-	0.1	-	0.3	0.5
Ovarian cancer	F	2589	50	1785	8.3	0.4	16.6	0.1	-	0.2	0.5	0.5	0.6	1.2
Prostate cancer	M	3418	4	1267	15.7	0.0	20.1	-	-	-	-	0.1	0.2	-
Bladder cancer	M	1966	4	873	9.0	0.0	12.9	-	-	-	-	-	0.1	0.2
	F	377	2	105	0.9	0.0	1.1	-	-	-	-	-	-	0.1
Other and ill-defined cancer sites	M	7677	516	4882	35.2	4.7	61.6	4.5	2.5	2.3	3.1	5.0	7.1	8.4
	F	6437	332	3343	19.3	3.2	32.6	2.8	2.4	1.9	2.8	2.9	3.8	5.9
Hodgkin's disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Myeloma and non-Hodgkin lymphomas	M	899	66	597	4.1	0.6	7.5	0.2	-	0.7	0.2	1.1	0.5	1.3
	F	818	51	482	2.6	0.5	4.6	0.2	0.2	0.2	0.5	0.7	0.8	0.7
Leukaemia	M	1378	156	757	6.4	1.6	9.9	2.2	1.8	1.4	1.7	1.7	1.4	1.0
	F	1163	125	572	3.7	1.3	5.6	1.8	1.3	0.6	1.2	1.2	1.5	1.3
Diabetes	M	982	78	676	4.5	0.6	8.6	-	0.1	0.1	0.1	0.9	1.4	1.9
	F	1372	74	753	4.2	0.6	7.6	0.2	0.1	0.1	0.5	0.4	2.0	1.1
ALL VASCULAR DISEASE	M	198510	1856	73179	916.1	15.4	1020.0	4.5	0.6	1.1	4.5	11.0	26.5	59.8
	F	266583	605	38834	562.2	5.2	406.1	2.8	0.2	0.8	2.0	5.1	8.8	16.6
Rheumatic heart disease and fever	M	584	18	495	2.7	0.1	5.8	-	-	-	0.1	0.1	0.2	0.8
	F	784	12	569	2.5	0.1	5.5	-	-	-	-	0.1	0.2	0.3
Hypertensive disease	M	385	14	272	1.8	0.1	3.2	-	-	-	-	-	0.2	0.6
	F	275	1	138	0.8	0.0	1.3	-	-	-	-	-	-	0.1
Ischaemic heart disease	M	136333	672	47942	629.6	5.5	689.1	-	-	-	1.0	4.2	10.1	22.9
	F	178339	174	24445	373.6	1.4	261.1	-	-	-	0.5	1.9	2.5	5.2
Pulmonary embolism and other venous	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrovascular disease	M	40274	263	14625	185.6	2.2	205.7	1.1	-	0.3	0.8	1.6	4.1	7.6
	F	61075	123	10069	131.1	1.1	104.2	0.9	0.1	0.4	0.4	1.3	1.3	3.3
Other vascular disease, incl. venous	M	20934	889	9845	96.5	7.5	116.1	3.4	0.6	0.8	2.6	5.2	12.0	27.9
	F	26110	295	3613	54.1	2.5	34.0	1.9	0.1	0.4	1.2	1.8	4.7	7.7
Chronic obstructive pulmonary disease	M	8683	43	2932	40.1	0.4	43.5	-	0.2	-	-	0.1	0.7	1.5
	F	4069	24	701	8.9	0.2	7.1	-	0.1	0.1	0.3	0.2	0.7	0.2
Other respiratory disease	M	5017	709	3463	22.8	6.2	37.7	9.4	0.6	0.6	1.2	3.5	10.4	17.7
	F	1711	363	914	6.2	3.5	8.1	7.8	0.7	0.6	1.3	2.3	5.7	5.8
Peptic ulcer	M	1146	58	780	5.2	0.5	9.0	0.1	-	-	-	0.4	1.1	1.7
	F	568	7	221	1.5	0.1	2.1	-	0.1	-	-	-	0.1	0.2
Liver cirrhosis & other liver disease	M	12039	989	9746	54.6	8.1	109.0	0.7	-	0.1	0.3	3.7	14.8	36.8
	F	6264	430	4769	21.8	3.5	42.7	0.3	-	0.1	0.4	2.1	6.2	15.6
Renal disease	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Pregnancy, birth	F	116	98	18	0.5	0.8	0.2	-	-	-	0.7	1.4	1.9	1.7
Congenital and perinatal causes	M	2447	2269	164	15.5	26.5	1.8	174.0	4.6	1.6	1.7	1.1	1.2	1.2
	F	1886	1712	158	12.4	21.2	1.4	137.2	3.8	2.3	1.9	1.0	1.1	0.9
Ill-defined causes	M	6679	512	2521	31.4	4.6	28.4	8.4	0.2	0.5	1.6	4.1	6.6	10.7
	F	13268	162	673	24.4	1.7	6.4	7.1	0.1	0.3	0.3	0.6	1.2	2.2
Other medical causes	M	11692	1715	7377	53.4	15.4	84.5	18.4	6.1	4.0	7.1	11.1	23.2	38.1
	F	8795	820	4196	26.9	7.9	39.4	13.1	3.4	3.9	5.2	6.7	9.7	13.7
ALL NON-MEDICAL CAUSES	M	34462	9276	21920	153.8	79.1	233.9	28.4	14.4	18.9	60.0	121.8	139.5	170.7
	F	9493	2017	4895	33.3	19.3	44.3	19.7	7.6	11.0	23.4	19.8	25.0	28.7
Road traffic accidents	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire	M	1152	140	792	5.3	1.3	8.8	2.4	0.2	0.1	0.3	1.2	1.9	2.8
	F	529	49	175	1.5	0.5	1.6	1.8	0.6	0.1	0.1	0.2	0.4	0.5
Suicide	M	7512	2335	4215	32.9	19.2	45.1	-	0.2	3.0	15.0	35.1	38.5	42.9
	F	1579	339	774	5.4	3.0	7.2	-	-	1.4	5.8	4.5	4.5	5.0
POPULATION:														
(1000s; UN, 2015 revision)			M=male		21095	10063	9339	1219	949	1090	1409	1802	1885	1708
			F=female		24553	9701	11236	1148	893	1039	1339	1718	1815	1748



## 2010: UKRAINE

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			
616.4	828.1	1053.1	1625.1	1964.9	3868.0	4384.0	6479.4	9777.1	15415.3	M	ALL CAUSES	001-999/A00-Y89
208.9	289.1	353.7	538.3	695.3	1505.5	1938.7	3433.5	6194.2	13557.9	F		
48.6	61.0	63.5	67.9	47.8	38.1	18.4	16.0	15.9	11.0	M	Tuberculosis	010-018/A15-A19
12.8	11.7	9.0	6.0	5.0	5.3	3.1	3.5	5.9	3.2	F		
64.7	49.9	29.5	18.8	9.9	8.1	6.9	5.6	6.5	6.6	M	Other infective	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
22.5	22.8	10.8	6.7	4.9	3.4	4.1	2.9	3.2	3.4	F	and parasitic	
34.9	73.6	141.8	302.1	446.4	862.8	910.7	1077.5	1121.2	952.1	M	ALL CANCER	140-208/C00-C97
45.0	77.7	113.5	187.5	215.5	416.3	388.8	492.1	500.8	407.4	F		
2.2	7.1	14.9	34.2	44.1	63.4	50.2	43.4	33.8	21.4	M	Mouth and	140-149/C00-C14
0.7	0.9	1.6	1.7	3.0	3.7	3.9	4.3	7.1	6.2	F	pharynx cancer	
0.3	1.7	4.8	13.9	19.7	30.6	25.0	19.7	19.6	15.8	M	Oesophagus cancer	150/C15
0.1	0.1	0.2	0.6	1.0	1.9	1.8	3.0	2.9	3.8	F		
4.1	10.1	15.1	33.7	48.6	92.8	103.8	128.9	145.2	110.2	M	Stomach cancer	151/C16
3.1	5.4	7.9	12.4	16.9	36.8	37.9	52.1	62.6	40.0	F		
2.7	6.5	11.2	24.1	37.8	99.0	120.5	159.8	189.3	182.3	M	Colorectal cancer	153, 154/C18-C21
2.5	5.5	9.2	20.2	25.3	57.5	60.7	89.5	96.4	85.0	F		
0.9	1.8	3.4	6.5	9.0	18.8	17.4	19.1	18.6	14.9	M	Liver cancer	155.0, 155.1/C22
0.6	1.1	1.3	2.5	3.4	7.3	5.5	9.3	8.2	9.3	F		
2.6	4.6	10.0	17.4	24.4	42.6	43.5	47.2	44.4	39.7	M	Pancreas cancer	157/C25
0.7	2.1	2.7	7.7	8.1	21.8	21.2	31.0	28.6	25.8	F		
0.4	2.2	5.1	12.4	17.4	30.6	27.8	27.9	18.6	18.8	M	Larynx cancer	161/C32
0.1	-	0.2	0.2	0.1	0.6	0.8	0.5	0.5	0.9	F		
3.5	11.9	31.8	75.5	124.9	240.0	248.7	273.8	242.4	168.9	M	Lung cancer	162/C33, C34
1.9	3.2	5.3	9.3	12.4	23.3	22.5	33.1	32.5	29.0	F		
1.5	1.9	3.1	4.0	4.2	8.7	7.3	7.6	8.2	9.5	M	Malignant melanoma	172/C43
1.4	1.9	2.8	2.5	3.1	5.5	5.3	4.5	7.2	4.9	F		
8.8	19.8	29.8	51.3	54.4	95.2	74.6	85.5	77.7	68.3	F	Female breast cancer	174/C50
10.0	12.6	13.2	16.5	13.1	16.5	13.3	14.5	14.4	11.3	F	Cervix cancer	180/C53
1.4	1.6	4.9	9.0	12.2	26.9	24.2	29.9	25.1	18.2	F	Other uterine cancer	179, 182/C54, C55
2.7	7.5	13.1	18.7	18.7	29.0	26.7	25.6	23.0	13.1	F	Ovarian cancer	183.0/C56
0.1	0.1	1.1	5.1	14.0	47.0	73.0	110.4	142.9	146.2	M	Prostate cancer	185/C61
0.5	1.1	2.1	5.6	11.4	28.7	40.8	57.5	67.8	75.5	M	Bladder cancer	188/C67
-	0.1	0.3	0.7	0.7	3.3	2.8	5.6	7.7	9.7	F		
11.7	17.7	31.0	54.9	74.2	126.4	115.5	138.5	146.7	114.5	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
8.0	11.4	16.1	26.3	32.5	68.5	65.3	78.8	84.2	67.8	F	cancer sites	
...	...	...	...	...	...	...	...	...	...	M	Hodgkin's disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
2.2	3.6	4.0	6.5	7.1	14.5	14.9	14.8	14.1	11.9	M	Myeloma and non-	200, 202-203/ C82-C85, C90
1.8	2.2	2.0	3.8	5.5	7.3	9.6	9.2	9.2	5.2	F	Hodgkin lymphomas	
2.2	3.2	4.1	8.2	9.5	19.8	22.3	28.9	29.5	22.4	M	Leukaemia	204-208/C91-C95
1.2	2.0	3.0	4.3	4.9	11.3	12.7	15.5	13.8	8.8	F		
2.7	3.1	4.5	7.1	8.8	16.9	16.7	14.7	16.6	7.8	M	Diabetes	250/E10-E14
1.5	2.2	2.0	5.4	7.1	17.9	16.8	19.0	16.2	9.2	F		
111.7	198.7	340.9	627.3	893.1	2158.4	2809.6	4619.4	7667.5	12658.7	M	ALL VASCULAR	390-459/I00-I99
32.8	52.4	93.1	180.5	307.8	841.6	1334.6	2675.8	5320.7	11694.7	F	DISEASE	
1.4	2.3	4.4	7.4	6.8	9.8	8.7	5.8	2.7	2.2	M	Rheumatic heart	390-398/I00-I09
0.4	1.3	3.0	5.2	6.4	10.8	11.2	8.1	5.9	2.2	F	disease and fever	
0.9	1.6	2.1	3.5	3.8	6.8	3.9	5.6	5.5	6.8	M	Hypertensive disease	401-404/I10-I13
0.1	0.3	0.9	1.6	1.1	2.4	2.8	3.0	3.5	5.0	F		
47.5	92.1	183.0	376.3	571.8	1516.4	2036.6	3354.3	5604.1	8683.2	M	Ischaemic heart	410-414/I20-I25
10.2	19.9	36.5	83.7	185.3	559.7	932.7	1895.1	3776.9	7681.2	F	disease	
...	...	...	...	...	...	...	...	...	...	M	Pulmonary embolism	Not given
...	...	...	...	...	...	...	...	...	...	F	and other venous	separately
17.4	35.5	62.3	122.5	183.8	437.4	580.9	974.1	1560.9	2565.5	M	Cerebrovascular	430-438/I60-I69
9.1	13.7	29.3	55.5	81.4	217.7	322.3	631.4	1200.6	2571.7	F	disease	
44.6	67.2	89.0	117.7	126.8	188.0	179.5	279.6	494.3	1401.0	M	Other vascular	Rest of 390-459/ rest of I00-I99
12.9	17.3	23.3	34.5	33.5	51.0	65.6	138.2	333.8	1434.7	F	disease, incl. venous	
2.1	5.6	8.0	19.1	33.5	97.4	138.9	226.2	394.6	518.6	M	Chronic obstructive	490-494, 496/ J40-J47
0.7	2.2	1.7	4.4	6.1	12.7	22.1	39.3	90.3	164.0	F	pulmonary disease	
25.3	32.9	33.8	47.7	41.3	47.6	35.2	42.6	58.6	57.0	M	Other respiratory	Rest of 460-519/ rest of J00-J98
7.9	9.1	8.9	9.4	6.9	8.4	6.0	8.7	12.9	15.7	F	disease	
3.5	5.0	6.6	10.6	11.3	13.1	12.8	15.9	17.9	23.4	M	Peptic ulcer	531-533/K25-K27
1.0	1.4	1.3	1.8	1.8	4.7	3.0	7.3	9.3	12.2	F		
58.5	79.3	95.6	127.2	122.1	170.5	110.0	98.3	64.8	43.4	M	Liver cirrhosis	570-573/ K70-K76
25.1	35.1	38.9	47.8	51.9	62.0	38.2	35.2	28.8	22.3	F	& other liver disease	
...	...	...	...	...	...	...	...	...	...	M	Renal disease	Not given separately
...	...	...	...	...	...	...	...	...	...	F		
0.9	0.2	-	-	-	-	-	-	-	-	F	Pregnancy, birth	630-676/O00-O99
1.7	1.1	1.9	1.7	1.9	2.8	1.6	0.8	1.2	0.5	M	Congenital and	740-779/ P00-P96, Q00-Q99
1.0	1.9	1.2	1.8	1.6	1.5	0.7	0.7	0.4	0.2	F	perinatal causes	
16.4	18.1	23.4	34.0	30.5	48.2	28.6	38.5	68.7	738.4	M	Ill-defined causes	780-799/R00-R99
3.2	3.7	3.9	5.8	6.3	10.3	11.3	14.4	41.8	987.1	F		
48.9	56.0	67.3	90.0	89.6	132.2	107.3	131.4	153.4	201.3	M	Other medical causes	Rest of 001-799/ rest of A00-R99
18.7	25.4	27.4	37.5	38.6	65.7	62.5	79.7	97.7	141.9	F		
197.3	243.8	236.4	271.5	228.8	272.0	187.3	192.4	190.3	196.7	M	ALL NON-	E800-E999/V01-Y89
36.0	43.4	42.0	43.9	41.8	55.6	47.4	55.1	66.2	96.5	F	MEDICAL CAUSES	
...	...	...	...	...	...	...	...	...	...	M	Road traffic	Not given
...	...	...	...	...	...	...	...	...	...	F	accidents	separately
4.8	7.4	8.8	10.0	8.2	14.0	8.7	10.8	13.4	17.3	M	Fire	E890-E899/X00-X09
0.7	1.2	1.5	1.9	1.7	1.9	2.3	3.7	7.7	15.2	F		
42.0	47.6	46.0	49.0	41.5	46.0	43.8	52.9	60.8	61.4	M	Suicide	E950-E959/X60-X84
7.0	6.7	6.5	6.7	4.6	9.0	9.7	10.3	12.3	16.6	F		
1578	1433	1672	1508	1536	864	749	880	403	410	M	POPULATION	
1644	1511	1847	1826	2004	1171	1233	1580	834	1201	F	(1000s; UN, 2015 revision)	

## UKRAINE: 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	– / 22	– / 8.8	–
35–69	56 / 168	2.2 / 82	20 years
70+	25 / 155	0.8 / 261	8 years
All ages	82 / 346	3.0 / 351	16 years

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

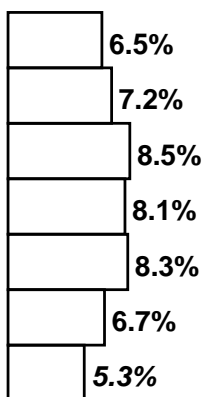
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	7.2/7.9	3.6/4.2	11/12	–/0.0	0.3/1.2	0.1/1.1	0.3/2.4
All Cancer	–/1.0	13/30 (42%)	5.2/18 (28%)	18/49	–/1.0	0.3/22 (2%)	0.1/17 (0.6%)	0.4/40
Vascular	–/2.0	33/76	16/119	49/197	–/0.6	1.6/39	0.6/219	2.2/259
Respiratory	–/0.8	4.2/7.0	3.3/6.3	7.6/14	–/0.4	0.1/1.7	0.1/3.6	0.2/5.6
All Other	–/19	6.4/55	0.5/12	6.9/86	–/6.9	0.2/19	0.0/21	0.2/47
All Causes	–/22	56/168 (33%)	25/155 (16%)	82/346	–/8.8	2.2/82 (3%)	0.8/261 (0.3%)	3.0/351

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

Cause	Male	Female	Male + Female
All Cancer	18 / 49 (36%)	0.4 / 40 (1%)	18 / 89 (21%)
All Causes	82 / 346 (24%)	3.0 / 351 (0.9%)	85 / 697 (12%)

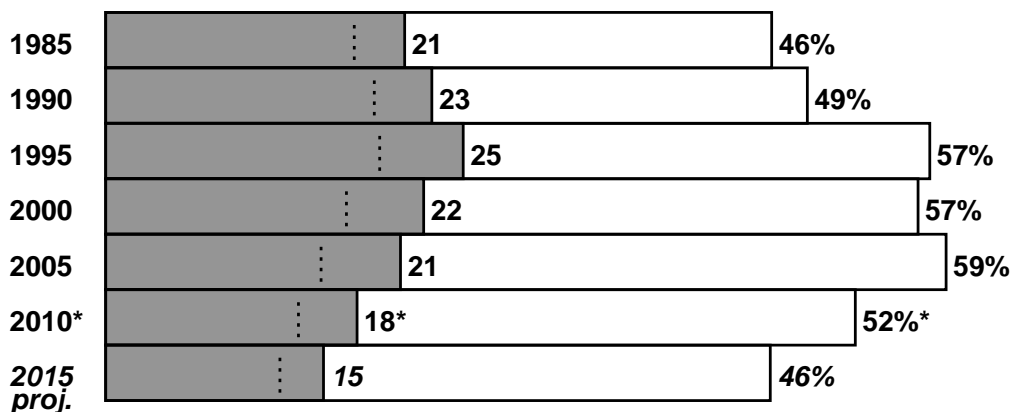
1985-2015: UKRAINE

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

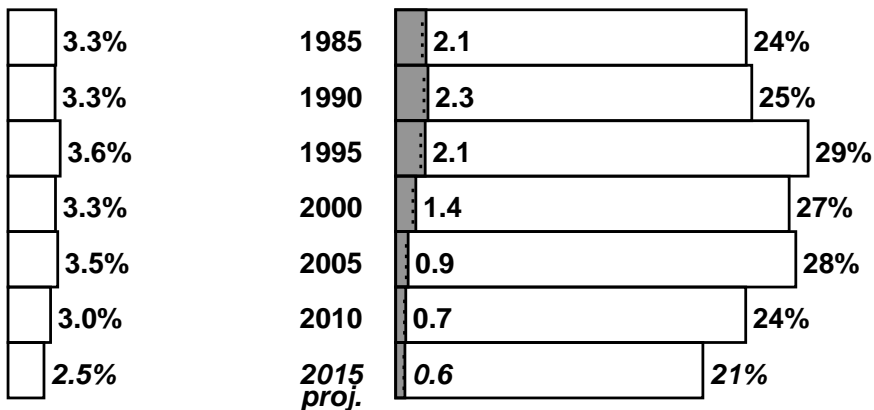


\*eg, at year 2010 male death rates, out of 100 men aged 35, 52 would die before age 70 (with 18 of these deaths attributed to smoking)

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: For smoking-attributed mortality (pages 456–463), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.**

FEMALE



## UKRAINE: 1980-2015

*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	– / 17	– / 7.3	–
35–69	50 / 150	2.4 / 75	20 years
70+	20 / 141	0.7 / 245	8 years
All ages	70 / 309	3.1 / 327	17 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	–/26	61/132 (46%)	23/114 (21%)	84/272	–/13	7.2/84 (9%)	9.1/221 (4%)	16/318
1995	–/30	94/219 (43%)	27/128 (21%)	121/378	–/12	8.0/113 (7%)	9.3/264 (4%)	17/388
2005	–/27	75/218 (34%)	27/147 (18%)	102/392	–/10	3.1/105 (3%)	2.4/259 (0.9%)	5.6/373
2015 proj.	–/17	50/150 (33%)	20/141 (14%)	70/309	–/7.3	2.4/75 (3%)	0.7/245 (0.3%)	3.1/327

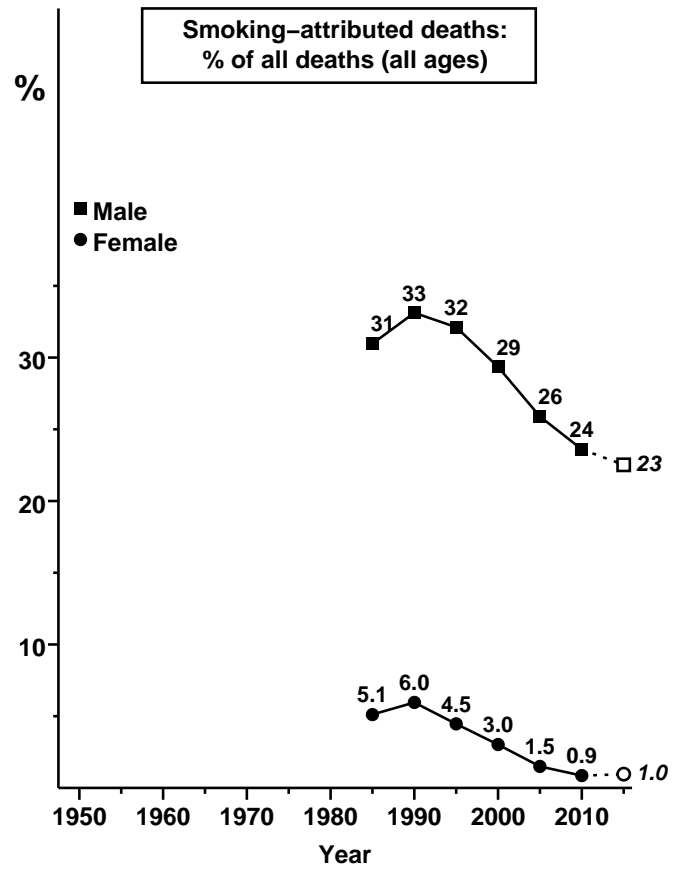
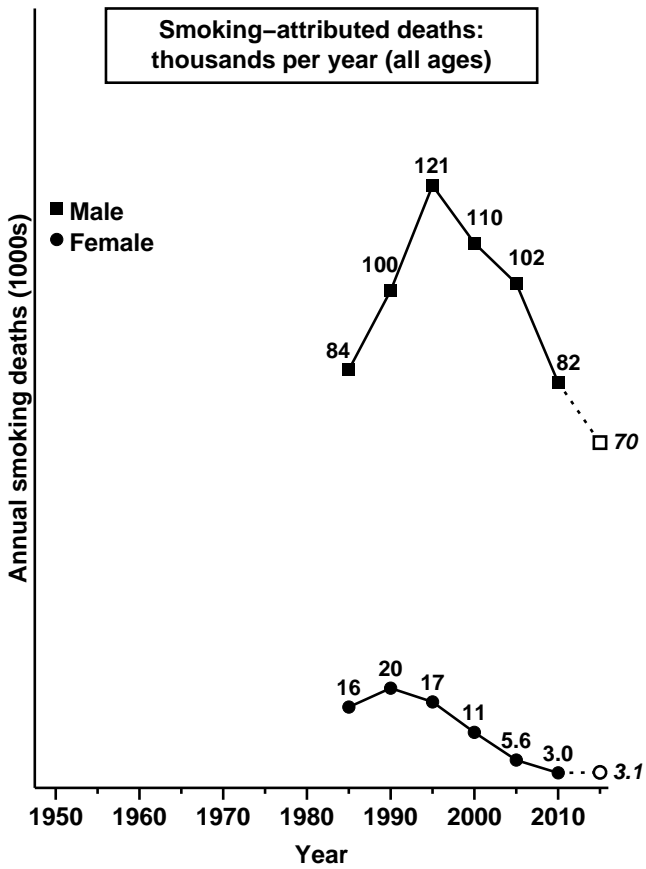
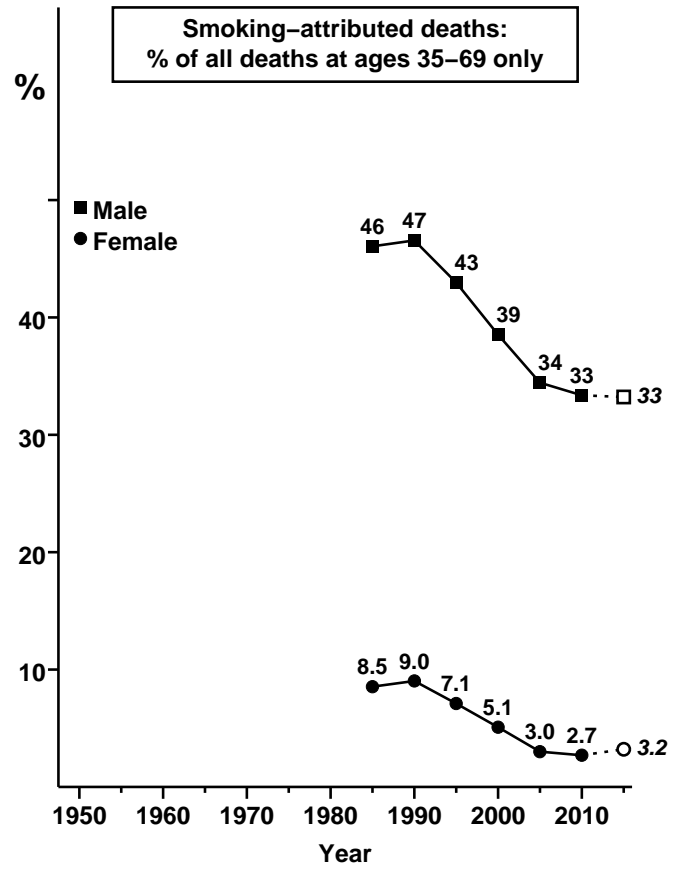
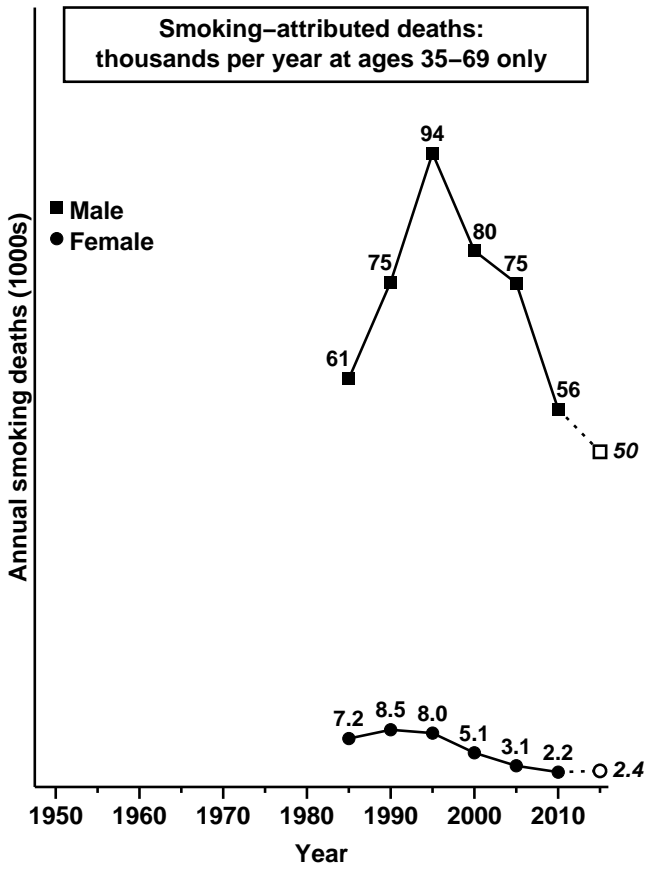
40-year total (M=millions), decade of 1980s to decade of 2010s (1980–2020\*): 4.2 / 28M

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

## 1980–2020, by age &amp; sex:

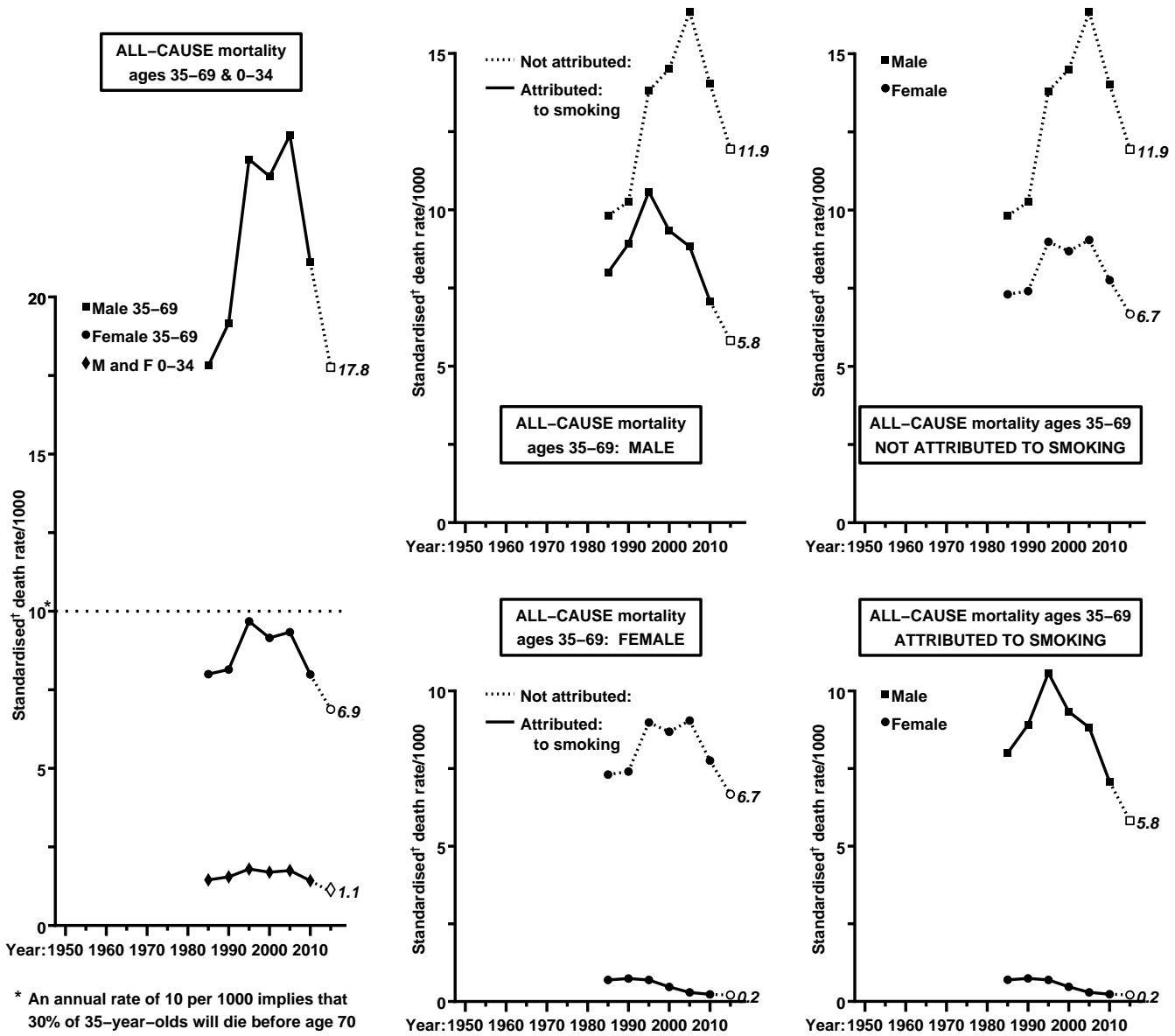
–/1.0M	2.8/7.2M (39%)	1.0/5.3M (18%)	3.8/14M	–/0.4M	0.2/3.8M (6%)	0.2/9.9M (2%)	0.4/14M
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1985-2015: UKRAINE



**UKRAINE: 1985-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**

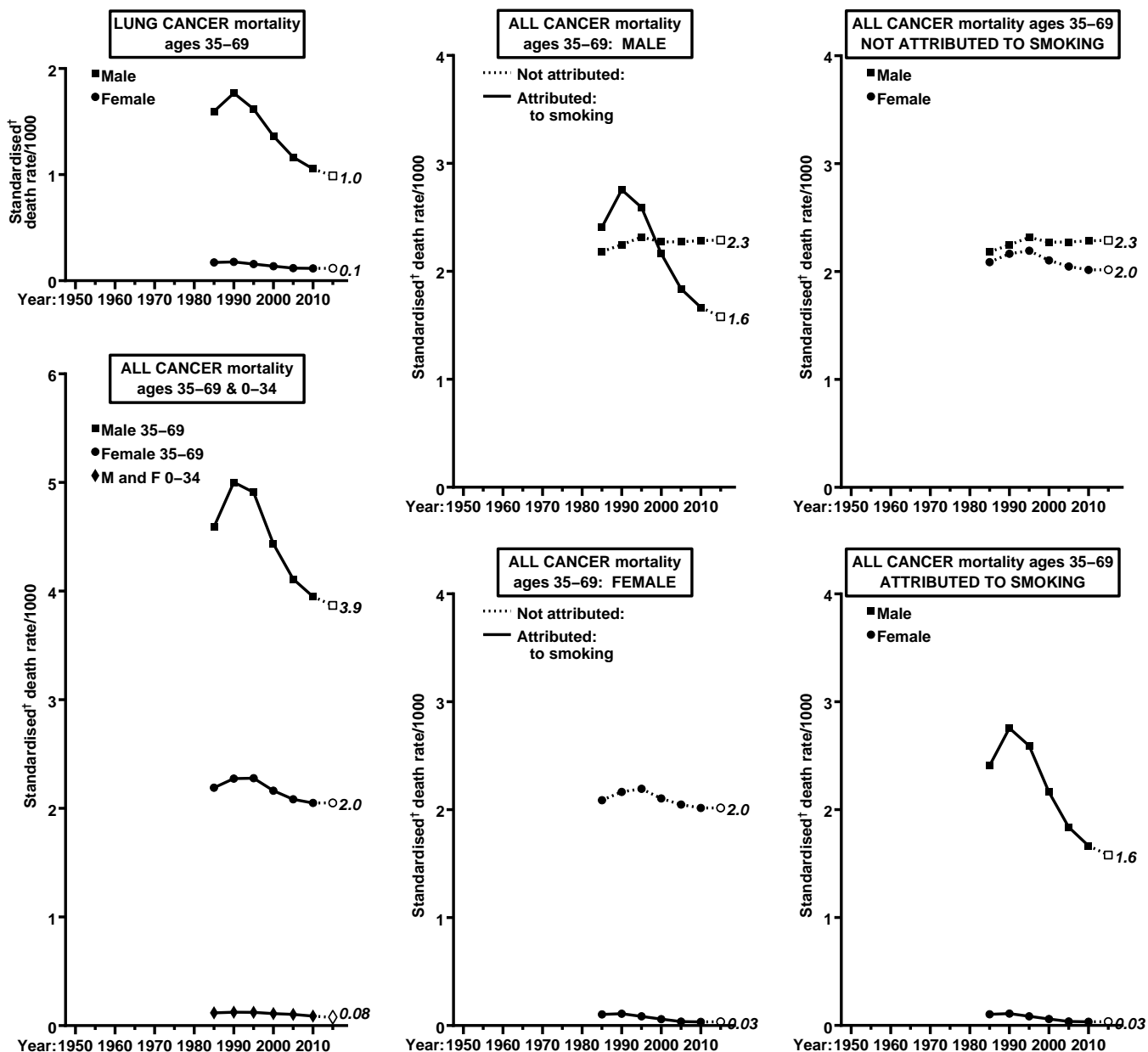


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
1950	...	...	...	...	...	...	...	...	...	...	...	
1955	...	...	...	...	...	...	...	...	...	...	...	
1960	...	...	...	...	...	...	...	...	...	...	...	
1965	...	...	...	...	...	...	...	...	...	...	...	
1970	...	...	...	...	...	...	...	...	...	...	...	
1975	...	...	...	...	...	...	...	...	...	...	...	
1980	...	...	...	...	...	...	...	...	...	...	...	
1985	-	1.93	8.00	9.81	18.1	60.6	-	0.97	0.69	7.30	2.54	49.0
1990	-	2.14	8.91	10.3	20.8	59.1	-	0.95	0.74	7.41	3.31	48.2
1995	-	2.53	10.6	13.8	21.0	67.8	-	1.06	0.69	8.98	2.52	54.4
2000	-	2.43	9.33	14.5	19.5	66.6	-	0.96	0.47	8.68	1.63	52.1
2005	-	2.49	8.82	16.3	17.5	70.6	-	1.01	0.29	9.04	0.70	52.3
2010	-	1.99	7.08	14.0	14.0	65.3	-	0.86	0.23	7.75	0.27	46.5
2015	-	1.56	5.82	11.9	12.0	59.6	-	0.72	0.21	6.67	0.33	41.8

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

1985-2015: UKRAINE

ALL CANCER mortality rates attributed and not attributed to smoking



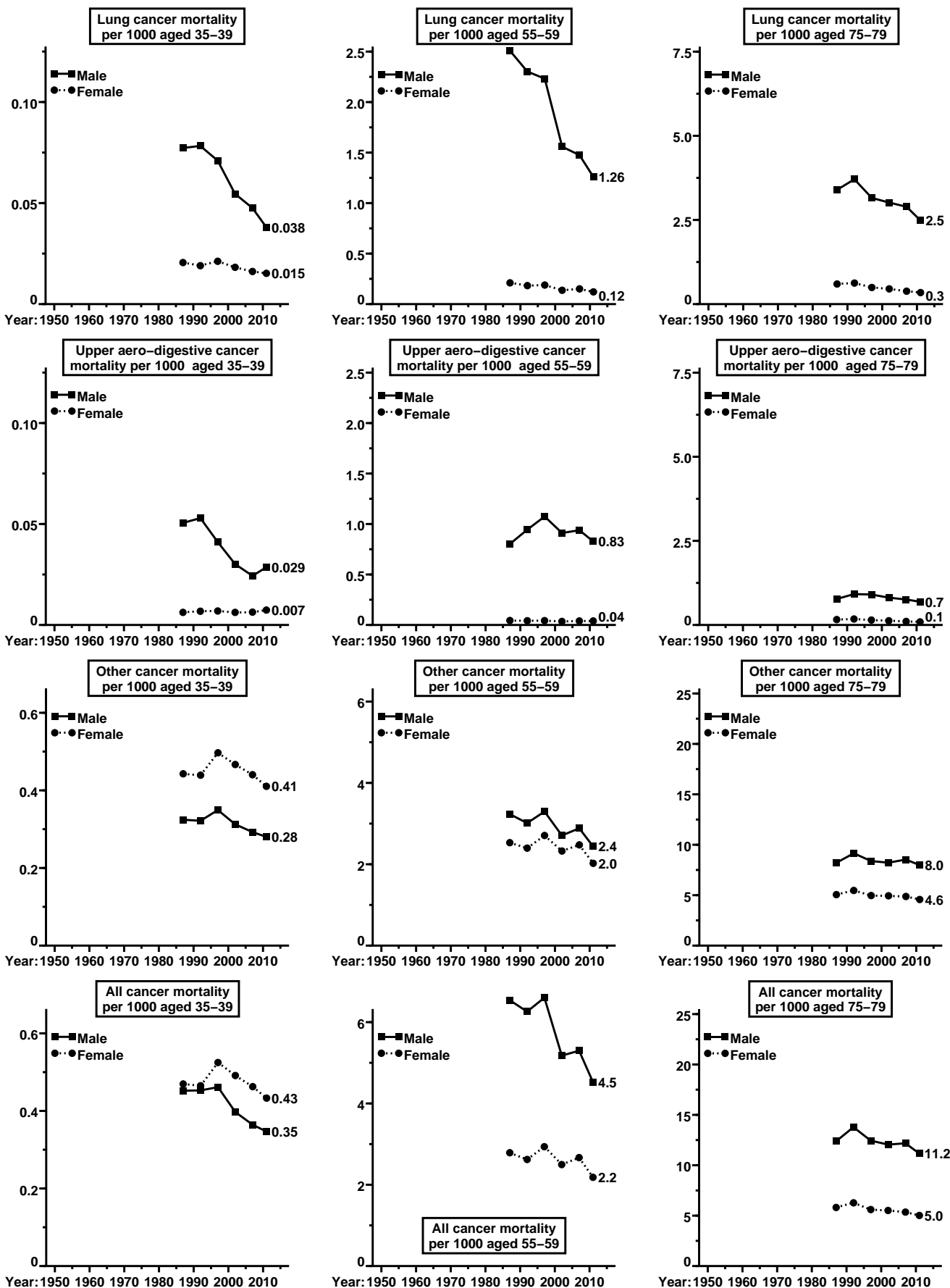
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79		
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
1950		...	...	...	...	...	...	...	...	...	...	...	
1955		...	...	...	...	...	...	...	...	...	...	...	
1960		...	...	...	...	...	...	...	...	...	...	...	
1965		...	...	...	...	...	...	...	...	...	...	...	
1970		...	...	...	...	...	...	...	...	...	...	...	
1975		...	...	...	...	...	...	...	...	...	...	...	
1980		...	...	...	...	...	...	...	...	...	...	...	
1985		-	0.12	2.41	2.18	4.24	7.72	-	0.11	0.10	2.09	0.28	5.19
1990		-	0.13	2.75	2.25	5.09	8.40	-	0.12	0.11	2.16	0.40	5.77
1995		-	0.12	2.59	2.32	4.43	8.12	-	0.12	0.08	2.19	0.26	5.39
2000		-	0.11	2.16	2.27	4.23	8.17	-	0.11	0.06	2.10	0.17	5.32
2005		-	0.11	1.84	2.27	3.70	7.94	-	0.10	0.04	2.05	0.08	4.99
2010		-	0.09	1.66	2.28	3.29	8.03	-	0.09	0.03	2.02	0.03	5.00
2015		-	0.08	1.58	2.29	3.07	8.14	-	0.08	0.03	2.02	0.04	5.10

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

**UKRAINE: 1985-2012**

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

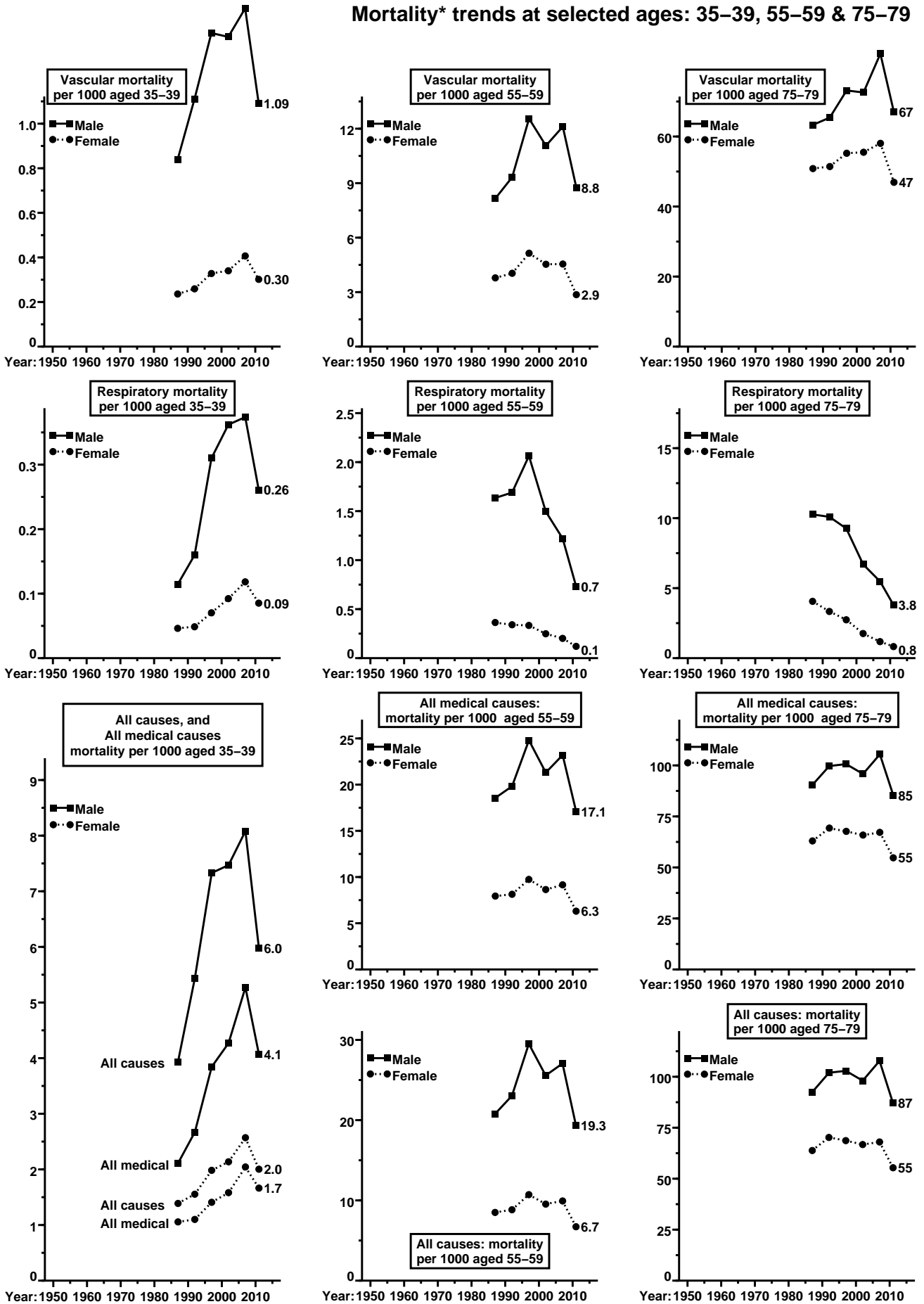


\* Annual mortality per 1000: averages of years available in 1985–89,.....,2005–09; then 3–year average 2010–12



1985-2012: UKRAINE

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



\* Annual mortality per 1000: averages of years available in 1985-89, ..., 2005-09; then 3-year average 2010-12

## UNITED KINGDOM: 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	270945	8015	74796	652.7	55.9	613.2	109.8	10.2	10.5	35.9	61.2	68.6	95.2
	F	290721	4639	49737	477.4	33.6	392.6	95.5	8.6	9.4	20.6	22.8	31.5	46.8
Tuberculosis	M	189	7	71	0.5	0.1	0.6	-	-	-	-	0.1	0.1	0.1
	F	175	8	32	0.3	0.1	0.3	0.1	0.1	-	0.1	0.1	0.1	0.1
Other infective and parasitic	M	2492	139	769	6.2	1.0	6.0	3.2	0.7	0.2	0.4	0.6	0.5	1.4
	F	3107	108	526	5.2	0.8	4.1	2.2	0.2	0.4	0.6	0.5	0.8	0.8
ALL CANCER	M	82641	650	27674	203.1	4.6	233.7	2.3	2.3	2.2	3.7	4.1	7.0	10.4
	F	74942	634	24684	148.9	4.6	195.6	2.4	2.1	2.4	3.4	3.3	6.3	12.1
Mouth and pharynx cancer	M	1545	11	930	4.2	0.1	7.6	-	-	0.1	0.1	0.2	0.1	0.1
	F	786	5	337	1.7	0.0	2.6	0.1	0.1	0.1	-	-	0.1	0.1
Oesophagus cancer	M	5109	11	2193	13.1	0.1	18.4	-	-	-	-	0.1	0.2	0.3
	F	2507	5	609	4.6	0.0	4.9	-	-	-	0.1	-	0.1	0.1
Stomach cancer	M	3105	14	871	7.5	0.1	7.3	-	-	-	0.1	-	0.1	0.5
	F	1862	20	427	3.4	0.1	3.4	-	-	-	0.1	0.1	0.2	0.6
Colorectal cancer	M	8726	40	2942	21.4	0.3	24.9	-	-	-	0.1	0.1	0.6	1.2
	F	7320	30	1862	13.3	0.2	14.8	-	-	-	-	0.2	0.5	0.8
Liver cancer	M	1417	18	599	3.7	0.1	5.0	-	-	-	0.1	-	0.4	0.5
	F	486	8	146	1.0	0.1	1.2	0.1	-	-	0.1	0.1	0.1	0.1
Pancreas cancer	M	3880	5	1593	9.8	0.0	13.4	-	-	-	0.1	-	0.1	0.1
	F	4037	6	1205	7.8	0.0	9.8	-	-	-	-	-	0.1	0.1
Larynx cancer	M	601	-	282	1.6	-	2.4	-	-	-	-	-	-	-
	F	160	-	66	0.3	-	0.5	-	-	-	-	-	-	-
Lung cancer	M	19447	13	7158	48.4	0.1	61.4	-	-	-	-	0.1	0.1	0.3
	F	15479	12	5467	31.7	0.1	44.5	-	-	-	0.1	0.1	0.1	0.5
Malignant melanoma	M	1266	32	577	3.3	0.2	4.6	-	-	0.1	-	0.2	0.5	0.8
	F	938	19	421	2.0	0.1	3.2	-	-	-	0.1	0.1	0.3	0.5
Female breast cancer	F	11575	57	4956	24.7	0.4	37.8	-	-	-	-	0.1	0.2	2.6
Cervix cancer	F	940	69	508	2.4	0.5	3.7	-	-	-	-	0.3	1.2	1.8
Other uterine cancer	F	1938	6	681	4.0	0.0	5.5	-	-	-	-	0.1	0.1	0.2
Ovarian cancer	F	4217	27	1788	9.1	0.2	14.3	-	-	-	0.1	0.2	0.3	0.7
Prostate cancer	M	10729	-	1515	23.8	-	13.5	-	-	-	-	-	-	-
Bladder cancer	M	3300	2	670	7.6	0.0	5.9	-	-	-	-	-	-	0.1
	F	1614	2	277	2.7	0.0	2.2	-	-	-	-	-	0.1	0.1
Other and ill-defined cancer sites	M	16962	332	6220	42.5	2.4	51.5	1.5	1.9	1.3	2.1	2.3	2.8	4.6
	F	15558	258	4546	30.0	1.9	36.1	1.7	1.5	1.7	1.9	1.5	2.2	2.8
Hodgkin's disease	M	174	20	88	0.5	0.1	0.7	-	-	0.1	0.1	0.2	0.4	0.2
	F	150	17	57	0.3	0.1	0.4	-	-	0.1	0.1	0.2	0.3	0.1
Myeloma and non-Hodgkin lymphomas	M	3842	47	1288	9.5	0.3	10.8	0.1	0.1	0.2	0.2	0.2	0.6	1.0
	F	3383	18	860	6.3	0.1	6.9	-	-	0.1	0.1	0.1	0.3	0.3
Leukaemia	M	2538	105	748	6.3	0.7	6.3	0.6	0.2	0.5	1.1	0.7	1.2	0.8
	F	1992	75	471	3.7	0.6	3.8	0.6	0.5	0.5	0.8	0.5	0.2	0.8
Diabetes	M	2895	51	698	6.8	0.3	5.7	-	0.1	-	-	0.3	0.5	0.7
	F	3285	40	446	5.2	0.3	3.5	-	-	0.1	0.2	0.3	0.3	1.1
ALL VASCULAR DISEASE	M	87549	510	21392	204.3	3.6	177.2	2.3	0.6	0.8	1.9	3.0	5.5	10.9
	F	91560	276	8781	132.7	2.0	70.7	1.7	0.7	0.5	1.1	1.7	3.0	5.1
Rheumatic heart disease and fever	M	339	-	67	0.8	-	0.6	-	-	-	-	-	-	-
	F	721	3	121	1.2	0.0	1.0	-	-	-	-	0.1	-	0.1
Hypertensive disease	M	2150	11	645	5.1	0.1	5.3	-	-	-	-	0.1	0.1	0.3
	F	3051	-	315	4.4	-	2.5	-	-	-	-	-	-	-
Ischaemic heart disease	M	46592	104	13399	111.0	0.7	111.0	0.1	-	0.1	0.1	0.6	1.6	2.7
	F	33976	36	3767	50.7	0.2	30.7	-	-	-	0.1	0.1	0.5	1.2
Pulmonary embolism and other venous	M	2888	39	1075	7.2	0.3	8.8	-	-	-	0.1	0.4	0.6	0.9
	F	4412	36	887	7.5	0.2	6.9	-	-	0.1	0.1	0.2	0.7	0.7
Cerebrovascular disease	M	19294	90	2944	42.9	0.6	24.6	0.4	0.1	0.2	0.6	0.6	0.6	2.0
	F	30080	62	2168	41.7	0.4	17.4	0.4	0.1	-	0.2	0.5	0.5	1.3
Other vascular disease	M	16286	266	3262	37.4	1.9	26.9	1.8	0.5	0.5	1.2	1.5	2.5	5.0
	F	19320	139	1523	27.2	1.0	12.2	1.3	0.5	0.4	0.8	0.8	1.4	1.9
Chronic obstructive pulmonary disease	M	14767	29	2844	33.7	0.2	24.9	0.1	0.2	0.2	0.1	0.3	0.4	0.1
	F	14823	34	2597	25.1	0.2	21.5	0.1	0.2	0.3	0.2	0.1	0.2	0.6
Other respiratory disease	M	20730	189	2838	45.6	1.3	23.8	3.0	0.5	0.5	0.6	1.1	1.3	2.3
	F	25745	159	1785	35.3	1.2	14.2	2.9	0.9	0.6	0.8	0.4	1.2	1.5
Peptic ulcer	M	1365	8	435	3.3	0.1	3.5	-	-	-	0.1	0.1	-	0.2
	F	1422	6	224	2.3	0.0	1.8	0.1	-	-	-	0.1	0.1	0.1
Liver cirrhosis	M	4818	131	3938	14.5	0.9	29.9	-	-	-	0.1	0.2	1.6	4.6
	F	2612	91	1949	7.2	0.7	14.3	-	-	-	-	0.1	0.9	3.5
Renal disease	M	1904	16	268	4.2	0.1	2.2	0.2	0.1	0.1	-	0.1	0.1	0.3
	F	2466	13	225	3.5	0.1	1.8	0.3	-	-	-	0.1	0.2	0.1
Pregnancy, birth	F	40	33	7	0.1	0.2	0.0	-	-	-	0.1	0.2	0.7	0.6
Congenital and perinatal causes	M	2068	1666	295	7.7	11.8	2.2	75.6	0.9	0.9	1.2	1.3	1.4	1.1
	F	1798	1402	276	6.8	10.4	2.0	67.2	1.4	0.5	0.9	0.9	0.8	1.0
Ill-defined causes	M	2753	333	605	6.7	2.3	4.5	9.6	0.2	0.2	0.9	1.7	1.8	2.0
	F	7738	193	264	9.8	1.4	1.9	6.9	-	0.1	0.5	0.7	0.8	0.8
Other medical causes	M	34179	1167	7122	79.5	8.2	57.0	9.2	2.9	2.3	5.1	8.9	11.7	17.0
	F	53146	727	5660	78.8	5.2	44.5	8.8	2.0	2.8	4.7	4.3	6.2	8.0
ALL NON-MEDICAL CAUSES	M	12595	3119	5847	36.6	21.5	42.1	4.3	1.9	3.2	21.6	39.1	36.5	43.8
	F	7862	915	2281	16.2	6.5	16.4	3.0	1.1	1.7	8.1	10.2	9.8	11.4
Road traffic accidents	M	1530	701	632	4.8	4.8	4.5	0.3	0.7	1.2	8.5	9.8	7.3	5.8
	F	542	195	182	1.5	1.4	1.3	0.4	0.2	0.6	2.7	2.7	1.5	1.6
Fire	M	152	22	84	0.4	0.1	0.7	0.1	0.1	0.1	0.1	0.2	0.2	0.3
	F	140	19	55	0.3	0.1	0.4	0.3	0.1	-	0.1	0.1	0.1	0.2
Suicide	M	3223	857	2037	10.1	5.9	14.4	-	-	0.1	4.3	11.7	10.6	14.5
	F	963	242	593	2.9	1.7	4.1	-	-	0.2	1.9	3.2	3.1	3.5
POPULATION:			M=male		30813	14024	13731	2022	1767	1890	2064	2174	2123	1983
(1000s; UN, 2015 revision)			F=female		31903	13617	14126	1931	1686	1801	2002	2109	2114	1973

## 2010: UNITED KINGDOM

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		
130.6	183.1	258.7	414.4	680.5	996.5	1628.9	2707.2	4495.9	11409.7	M	ALL CAUSES 001-999/A00-Y89
74.2	110.1	164.7	281.6	441.3	639.9	1036.6	1761.4	3082.7	10067.9	F	
0.4	0.3	0.3	0.5	0.5	0.5	1.5	1.7	2.7	6.6	M	Tuberculosis 010-018, 137/
0.1	0.1	0.1	0.1	0.1	0.1	0.9	1.0	2.7	5.2	F	A15-A19, B90
2.0	3.4	4.0	5.4	6.7	8.6	12.1	21.0	34.0	101.4	M	Other infective Rest of 001-139,279.5&6/
1.5	1.6	2.6	2.5	4.0	5.8	10.5	16.3	30.9	107.7	F	and parasitic rest of A00-B99 excl A33,A34
18.1	31.1	62.0	133.5	260.5	421.0	709.7	1104.7	1591.6	2681.7	M	ALL CANCER 140-208/C00-C97
24.1	45.0	75.0	139.3	233.9	340.6	511.6	751.9	1033.3	1605.4	F	
0.6	0.6	3.0	7.4	11.2	14.0	16.2	16.3	19.7	23.6	M	Mouth and 140-149/C00-C14
0.2	0.8	1.0	2.4	4.1	4.7	5.2	6.1	8.8	15.1	F	pharynx cancer
0.6	2.3	5.1	13.1	24.7	32.1	50.6	70.2	89.3	127.4	M	Oesophagus cancer 150/C15
0.2	0.4	1.3	3.8	5.7	8.8	14.4	25.0	38.5	64.5	F	
0.7	1.6	2.8	4.4	7.0	12.7	21.8	42.8	67.7	110.0	M	Stomach cancer 151/C16
0.5	1.1	1.7	2.2	4.0	5.4	8.7	19.3	27.1	48.8	F	
1.5	2.5	7.3	14.2	28.1	45.2	75.1	118.8	168.6	281.2	M	Colorectal cancer 153, 154/C18-C21
1.4	2.8	6.1	10.8	16.8	24.7	41.4	61.9	102.4	196.7	F	
0.3	0.8	1.7	3.3	7.0	8.9	12.8	23.0	24.8	30.8	M	Liver cancer 155.0/C22 excl C221
0.1	0.4	0.3	0.7	1.3	2.2	3.1	5.9	7.5	9.7	F	
0.7	1.2	4.5	7.7	16.9	23.2	39.9	53.4	75.0	97.8	M	Pancreas cancer 157/C25
0.6	1.2	2.6	4.9	10.1	18.6	30.5	47.3	57.9	88.8	F	
0.1	0.2	0.3	1.2	3.1	4.1	8.0	9.0	10.4	12.1	M	Larynx cancer 161/C32
-	0.1	0.2	0.3	0.8	0.6	1.8	1.6	1.9	2.9	F	
1.8	5.3	10.2	30.9	66.1	114.1	201.7	293.9	399.7	522.4	M	Lung cancer 162/C33, C34
1.5	3.6	9.8	26.0	55.6	82.6	132.0	192.6	237.4	276.4	F	
1.5	2.2	2.1	2.9	5.0	7.6	11.2	15.7	20.6	28.7	M	Malignant melanoma 172/C43
1.4	1.4	2.0	2.6	3.8	5.2	6.0	6.7	10.1	16.9	F	
7.8	16.0	23.2	36.0	48.1	61.4	71.9	93.8	130.7	220.0	F	Female breast cancer 174/C50
2.7	2.9	3.1	4.3	3.7	3.9	5.4	6.8	7.9	10.6	F	Cervix cancer 180/C53
0.2	0.6	1.5	3.0	7.1	10.2	16.1	24.0	28.6	35.2	F	Other uterine cancer 179, 182/C54, C55
1.2	1.9	5.0	10.3	16.8	25.3	39.7	44.4	57.8	67.3	F	Ovarian cancer 183/C56, C570-C574
-	0.3	0.7	2.8	11.1	24.6	55.2	116.3	221.3	576.0	M	Prostate cancer 185/C61
0.1	0.3	0.8	2.3	5.4	9.5	22.9	38.9	64.1	157.1	M	Bladder cancer 188/C67
0.2	0.6	0.7	1.1	2.3	3.8	7.2	13.4	20.6	52.5	F	
7.5	10.6	18.3	33.4	57.9	92.0	141.1	216.9	300.5	512.1	M	Other and ill-defined Rest of 140-199/
4.6	8.5	12.9	24.1	42.4	64.8	95.2	146.1	213.9	366.1	F	cancer sites rest of C00-C80, C97
0.3	0.4	0.4	0.6	0.8	0.8	1.5	1.8	2.6	2.2	M	Hodgkin's disease 201/C81
0.2	0.3	0.1	0.3	0.5	0.7	0.9	1.4	1.6	2.2	F	
1.3	1.8	2.8	6.4	10.2	21.0	32.2	51.2	77.5	120.0	M	Myeloma and non- 200, 202-203/
0.8	1.3	1.8	4.1	7.6	12.4	20.6	38.0	53.9	80.0	F	Hodgkin lymphomas C82-C90, C96
1.1	0.9	2.0	3.1	6.2	11.3	19.5	36.5	49.7	80.3	M	Leukaemia 204-208/C91-C95
0.6	1.3	1.7	2.6	3.3	5.3	11.5	17.6	26.8	51.9	F	
1.4	2.1	2.7	4.0	6.0	8.3	15.4	30.2	49.6	132.4	M	Diabetes 250/E10-E14
1.2	1.3	1.4	2.6	4.1	4.9	8.9	19.6	36.4	120.2	F	
22.2	40.5	69.3	121.3	196.8	295.8	494.5	853.0	1508.4	4135.2	M	ALL VASCULAR 390-459/I00-I99
9.4	15.4	26.4	44.8	69.0	110.4	219.2	444.8	939.1	3719.6	F	DISEASE
0.1	0.1	0.2	0.2	0.8	0.7	1.9	5.8	7.1	13.9	M	Rheumatic heart 390-398/I00-I09
0.1	0.2	0.3	0.7	0.9	1.7	2.9	4.9	11.9	22.6	F	disease and fever
0.5	1.2	2.4	3.9	5.6	9.2	14.3	17.7	30.2	99.6	M	Hypertensive disease 401-405/I10-I15
0.2	0.4	0.8	1.5	2.6	4.3	7.9	13.0	25.5	128.0	F	
9.2	21.0	41.6	80.2	130.1	193.4	301.8	495.8	818.4	1961.0	M	Ischaemic heart 410-414/I20-I25
2.0	5.2	9.5	18.0	29.8	49.3	100.9	199.9	388.5	1306.2	F	disease
2.0	2.8	3.9	6.7	9.4	14.3	22.3	30.4	49.3	96.2	M	Pulmonary embolism 415.1, 451-453/
1.9	2.6	3.9	4.6	6.7	11.2	17.3	29.5	52.4	141.9	F	and other venous 126, 180-182
3.9	6.1	9.0	15.6	25.8	36.0	76.1	157.8	327.5	1123.4	M	Cerebrovascular 430-438/I60-I69
2.5	3.3	7.2	12.7	18.7	24.6	53.0	119.2	280.4	1300.1	F	disease
6.6	9.3	12.2	14.7	25.2	42.1	78.0	145.5	275.9	841.1	M	Other vascular Rest of 390-459/
2.7	3.6	4.7	7.2	10.3	19.3	37.2	78.3	180.3	820.8	F	disease rest of I00-I99
0.8	1.7	2.9	8.5	23.2	45.1	91.8	175.5	299.9	703.0	M	Chronic obstructive 490-496/
0.5	1.7	3.4	8.0	20.1	40.9	76.1	140.8	237.4	436.0	F	pulmonary disease J40-J47, J67
3.3	5.8	8.6	12.2	25.1	38.5	73.0	152.3	307.0	1287.6	M	Other respiratory Rest of 460-519/
2.5	4.1	4.5	9.6	14.8	23.2	41.1	90.8	196.9	1145.0	F	disease rest of J00-J98
0.3	1.3	1.4	2.8	3.9	6.8	8.3	14.5	21.2	55.2	M	Peptic ulcer 531-533/K25-K27
0.1	0.3	0.5	1.1	2.0	3.6	4.8	8.9	19.0	48.7	F	
10.4	17.8	26.7	34.6	42.9	38.6	38.0	29.3	25.4	18.4	M	Liver cirrhosis 571/K70, K74
5.8	9.2	12.1	17.3	20.9	17.6	17.0	16.2	13.2	12.3	F	
0.4	0.5	0.7	1.6	2.7	3.7	5.9	13.3	28.6	118.1	M	Renal disease 580-590/N00-N19
0.5	0.5	0.9	0.8	1.5	2.9	5.4	10.1	21.9	103.9	F	
0.2	0.1	-	-	-	-	-	-	-	-	M	Pregnancy, birth 630-676/A34,000-099
1.0	1.3	1.7	2.6	3.5	2.9	2.8	2.8	2.7	5.0	F	Congenital and 740-779/A33,
1.2	1.3	1.6	2.1	2.6	3.0	2.4	2.3	3.3	3.0	F	perinatal causes P00-P96, Q00-Q99
2.5	4.6	4.1	4.5	5.3	5.2	5.0	5.3	5.9	165.5	M	Ill-defined causes 780-799/R00-R99
1.4	1.7	1.4	2.1	2.8	2.1	1.8	2.6	5.6	401.5	F	
22.0	26.2	30.9	38.9	60.8	84.6	135.6	255.9	540.5	1767.3	M	Other medical causes Rest of 001-799/
11.5	13.9	19.6	32.9	48.4	68.0	117.6	226.6	493.9	2149.7	F	rest of A00-R99
45.8	46.4	43.5	44.1	42.7	36.9	35.3	47.7	78.4	232.2	M	ALL NON- E800-E999/V01-Y89
14.2	14.0	15.2	18.3	17.2	16.5	19.2	29.5	49.1	209.7	F	MEDICAL CAUSES
6.1	5.3	4.6	5.2	3.9	3.6	2.5	3.9	6.0	9.7	M	Road traffic E810-E819, E826-E829/
1.2	1.0	1.3	1.2	1.9	1.3	1.3	3.2	3.4	4.9	F	accidents part of V01-V99, Y850
0.5	0.3	0.3	0.8	0.9	0.8	0.9	0.8	1.2	2.5	M	Fire E890-E899/X00-X09
0.2	0.3	0.4	0.2	0.3	0.8	0.4	1.2	1.0	2.2	F	
15.9	17.6	17.0	15.6	15.3	11.5	7.8	8.9	10.0	13.4	M	Suicide E950-E959/X60-X84
4.5	4.1	4.6	4.9	4.0	3.9	3.0	3.0	3.0	3.1	F	
2088	2332	2314	1962	1727	1890	1418	1144	887	1028	M	POPULATION
2127	2389	2375	1996	1771	1961	1508	1282	1089	1790	F	(1000s; UN, 2015 revision)

<b>UNITED KINGDOM: 2010</b>
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**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	– / 8.2	– / 4.6	–
35–69	19 / 74	12 / 50	23 years
70+	41 / 189	50 / 238	7 years
<b>All ages</b>	<b>60 / 272</b>	<b>62 / 293</b>	<b>11 years</b>

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

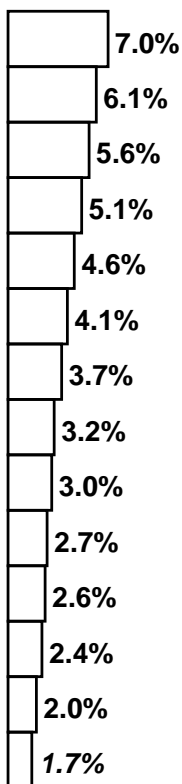
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	6.1/7.1	11/12	17/20	–/0.0	4.3/5.5	8.7/10	13/16
All Cancer	–/0.7	9.0/28 (33%)	17/55 (31%)	26/83	–/0.6	5.4/25 (22%)	12/50 (24%)	17/75
Vascular	–/0.5	5.5/21	10/64	16/85	–/0.3	3.0/8.7	16/80	19/89
Respiratory	–/0.2	2.6/5.8	11/30	14/36	–/0.2	2.4/4.4	15/37	17/42
All Other	–/6.8	1.5/20	3.1/40	4.6/67	–/3.5	1.5/12	7.3/71	8.8/86
<b>All Causes</b>	<b>–/8.2</b>	<b>19/74 (25%)</b>	<b>41/189 (22%)</b>	<b>60/272</b>	<b>–/4.6</b>	<b>12/50 (25%)</b>	<b>50/238 (21%)</b>	<b>62/293</b>

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

Cause	Male	Female	Male + Female
All Cancer	26 / 83 (31%)	17 / 75 (23%)	43 / 159 (27%)
All Causes	60 / 272 (22%)	62 / 293 (21%)	122 / 564 (22%)

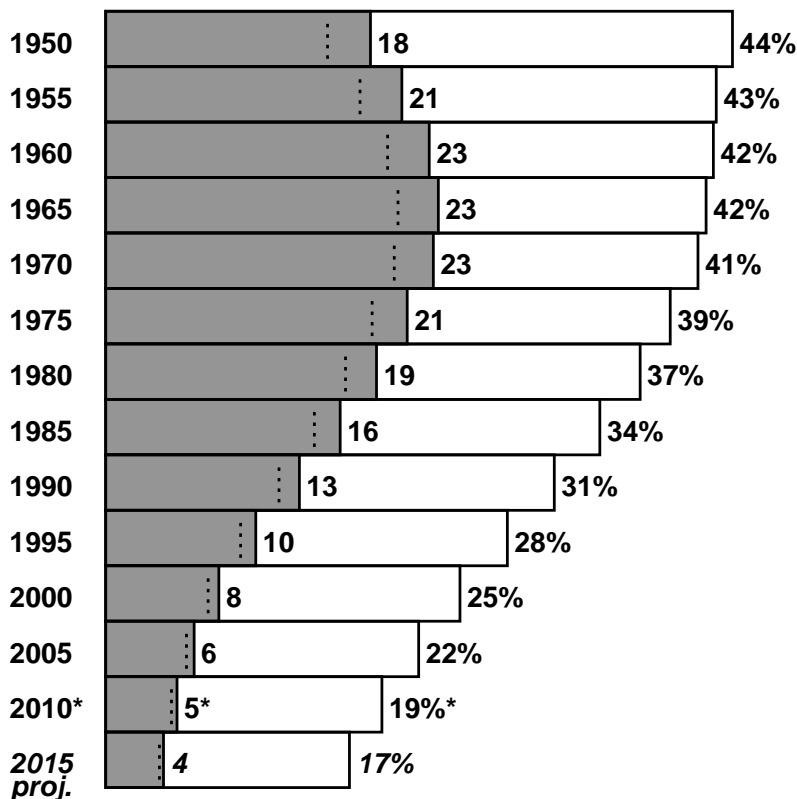
1950-2015: UNITED KINGDOM

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)

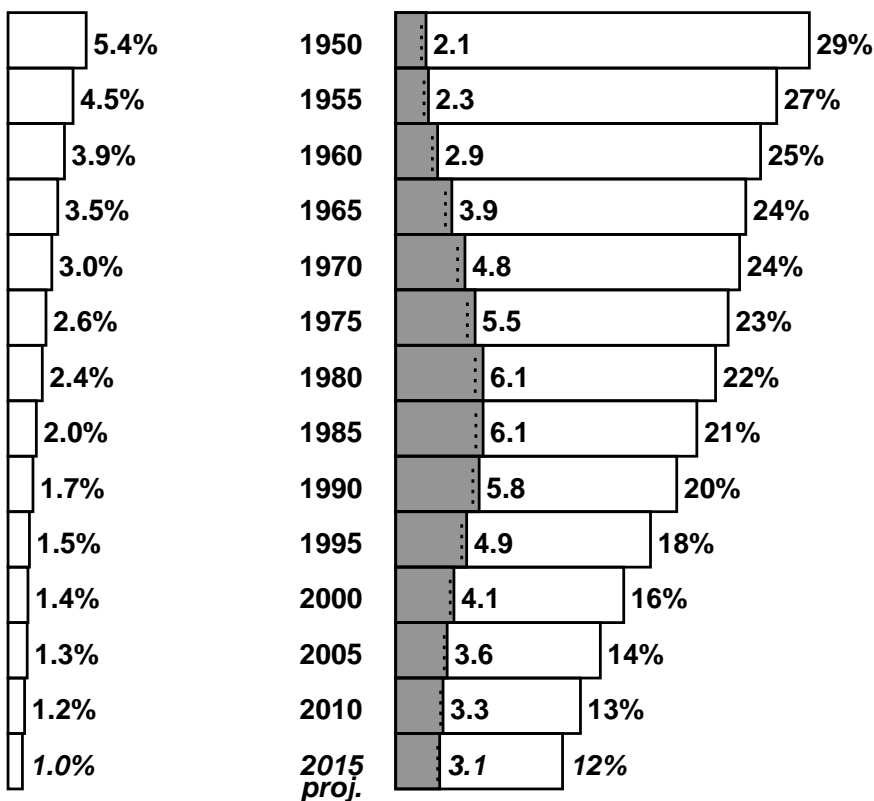
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 19 would die before age 70 (with 5 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



<b>UNITED KINGDOM: 1950-2015</b>
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*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	– / 7.1	– / 4.1	–
35–69	16 / 70	12 / 48	<b>23 years</b>
70+	38 / 187	48 / 224	7 years
<b>All ages</b>	<b>55 / 264</b>	<b>60 / 277</b>	<b>11 years</b>

**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	–/24	65/130 <b>(50%)</b>	25/149 <b>(17%)</b>	90/303	–/17	7.9/90 <b>(9%)</b>	3.9/178 <b>(2%)</b>	12/285
1965	–/23	81/145 <b>(56%)</b>	45/156 <b>(29%)</b>	126/324	–/15	14/89 <b>(16%)</b>	10/203 <b>(5%)</b>	24/307
1975	–/17	76/143 <b>(53%)</b>	66/177 <b>(37%)</b>	142/337	–/10	21/86 <b>(24%)</b>	22/234 <b>(9%)</b>	43/331
1985	–/13	55/116 <b>(47%)</b>	70/196 <b>(36%)</b>	125/325	–/7.5	21/72 <b>(29%)</b>	38/251 <b>(15%)</b>	59/331
1995	–/11	34/93 <b>(37%)</b>	61/203 <b>(30%)</b>	95/308	–/6.0	16/60 <b>(27%)</b>	53/266 <b>(20%)</b>	69/332
2005	–/9.2	22/79 <b>(27%)</b>	45/191 <b>(24%)</b>	67/279	–/5.0	12/51 <b>(24%)</b>	53/250 <b>(21%)</b>	66/306
2015 <i>proj.</i>	–/7.1	16/70 <b>(23%)</b>	38/187 <b>(21%)</b>	55/264	–/4.1	12/48 <b>(26%)</b>	48/224 <b>(21%)</b>	60/277

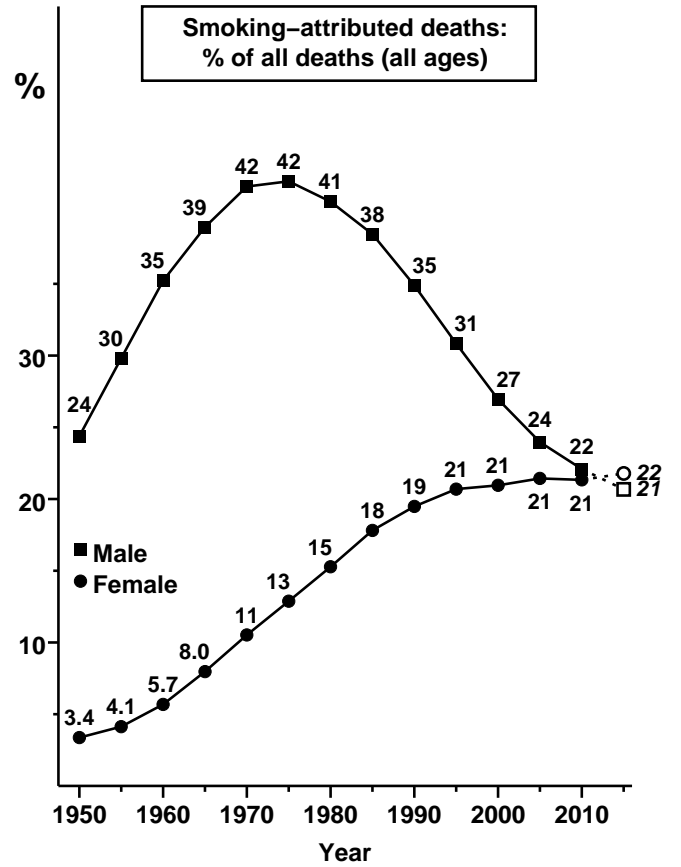
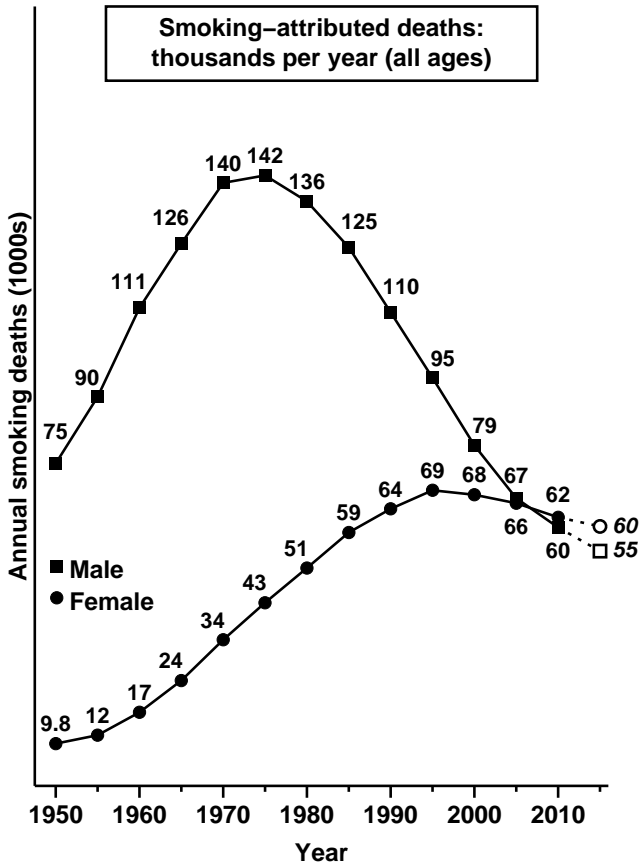
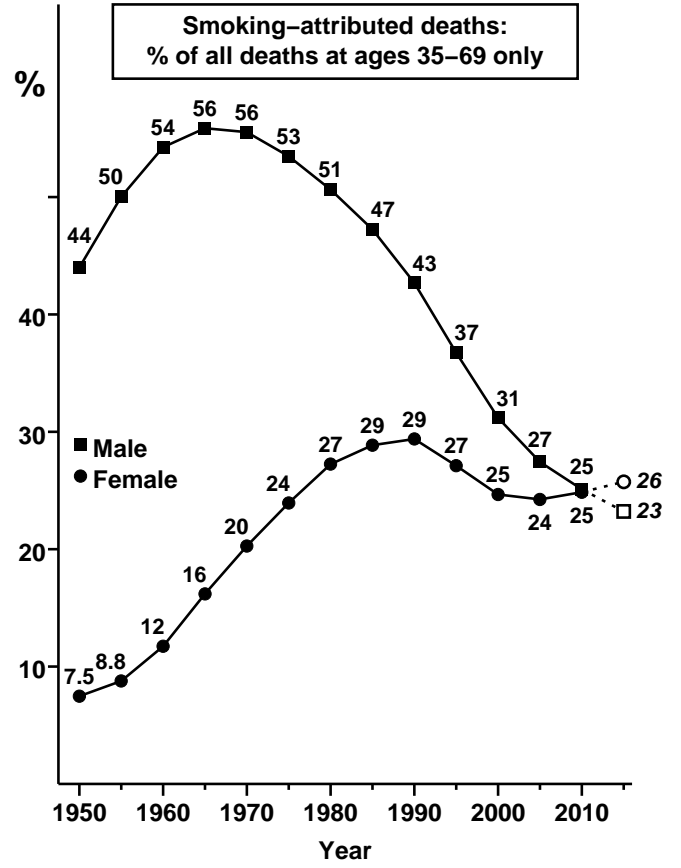
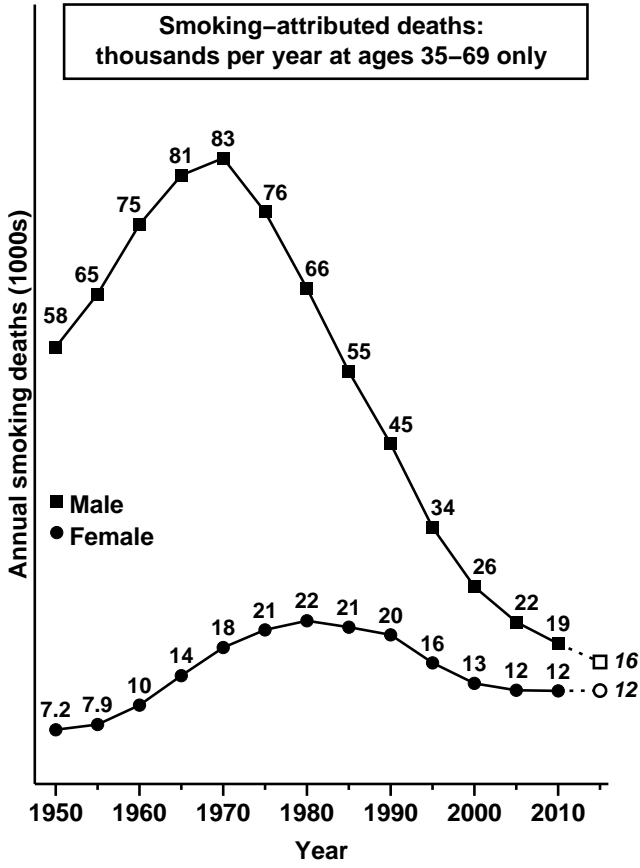
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 9.3 / 37M**

\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

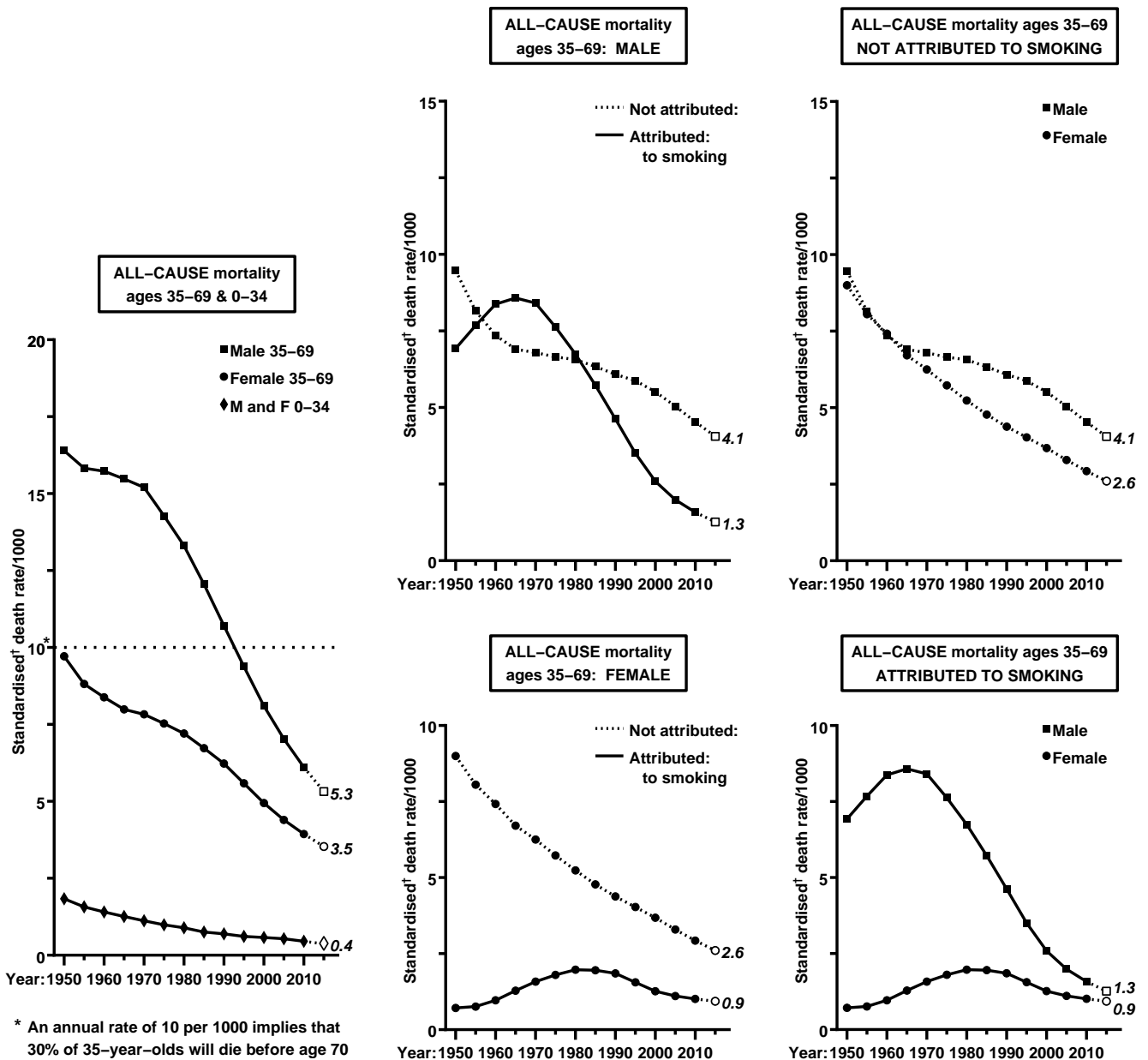
–/0.8M	2.8/6.5M	3.3/11M	6.1/18M	–/0.5M	1.0/4.1M	2.2/14M	3.2/19M
	<b>(44%)</b>	<b>(29%)</b>			<b>(24%)</b>	<b>(16%)</b>	

1950-2015: UNITED KINGDOM



**UNITED KINGDOM: 1950-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



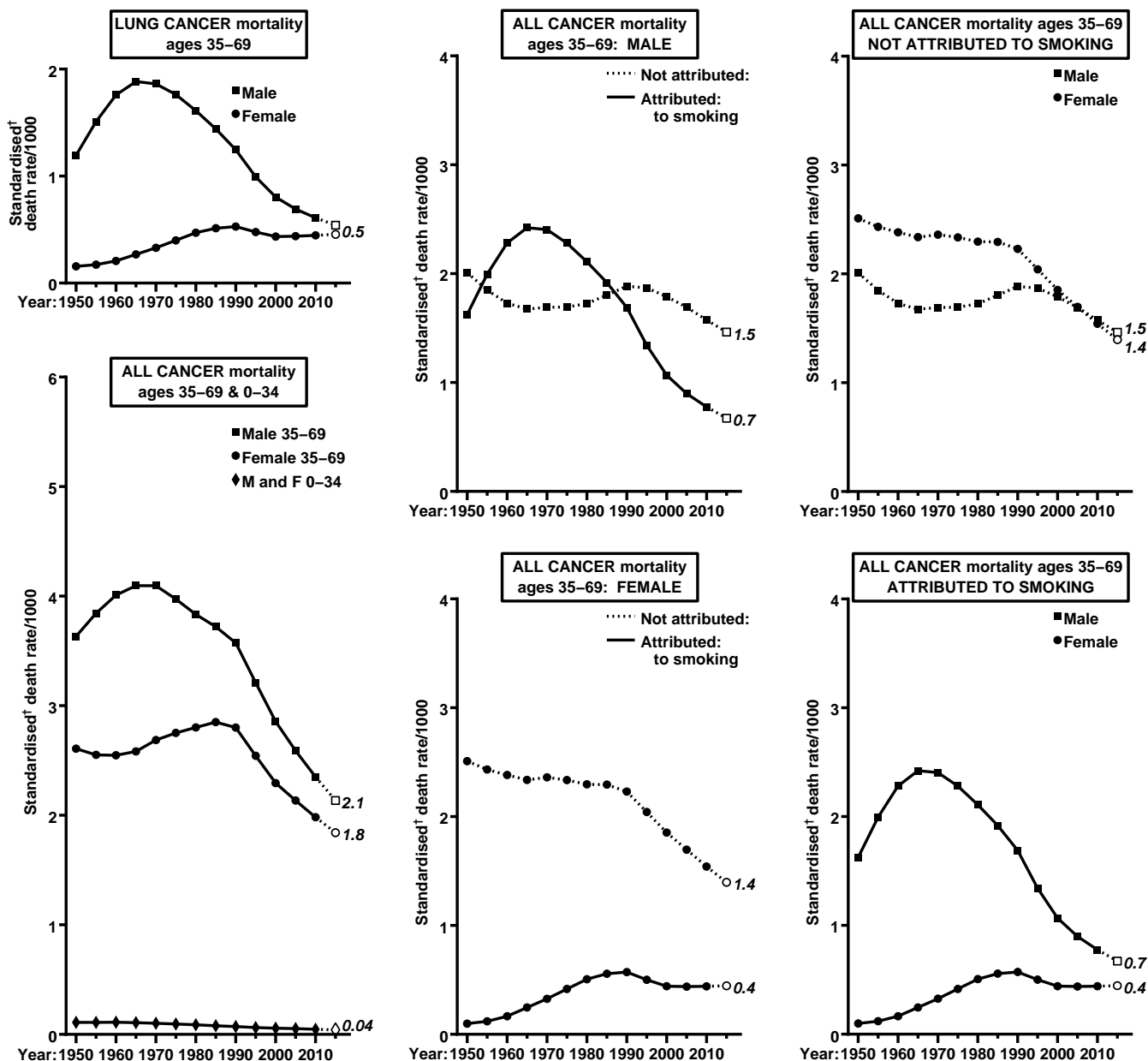
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.06	6.92	9.47	11.1	76.9	-	1.60	0.71	9.00	1.11	61.8				
1955	-	1.81	7.68	8.15	16.2	70.0	-	1.32	0.76	8.05	1.50	55.8				
1960	-	1.66	8.37	7.35	22.8	63.4	-	1.15	0.96	7.42	2.23	53.2				
1965	-	1.50	8.57	6.90	26.6	56.5	-	1.01	1.28	6.71	3.09	47.8				
1970	-	1.35	8.41	6.79	31.6	52.7	-	0.88	1.58	6.25	4.29	45.0				
1975	-	1.21	7.62	6.65	32.2	49.4	-	0.77	1.80	5.73	5.19	40.9				
1980	-	1.09	6.74	6.56	30.1	46.7	-	0.69	1.97	5.23	6.25	36.6				
1985	-	0.93	5.72	6.33	27.1	44.0	-	0.57	1.95	4.77	7.53	32.3				
1990	-	0.88	4.62	6.08	23.1	41.5	-	0.50	1.85	4.38	8.31	29.1				
1995	-	0.79	3.50	5.87	19.5	39.7	-	0.43	1.55	4.03	9.02	26.6				
2000	-	0.75	2.59	5.51	15.4	36.5	-	0.40	1.26	3.68	8.65	23.9				
2005	-	0.68	1.99	5.04	11.5	31.3	-	0.38	1.11	3.29	7.48	20.7				
2010	-	0.57	1.58	4.53	9.21	26.9	-	0.33	1.01	2.93	6.56	17.8				
2015	-	0.48	1.26	4.06	7.45	23.0	-	0.29	0.93	2.60	5.82	15.3				

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



1950-2015: UNITED KINGDOM

ALL CANCER mortality rates attributed and not attributed to smoking



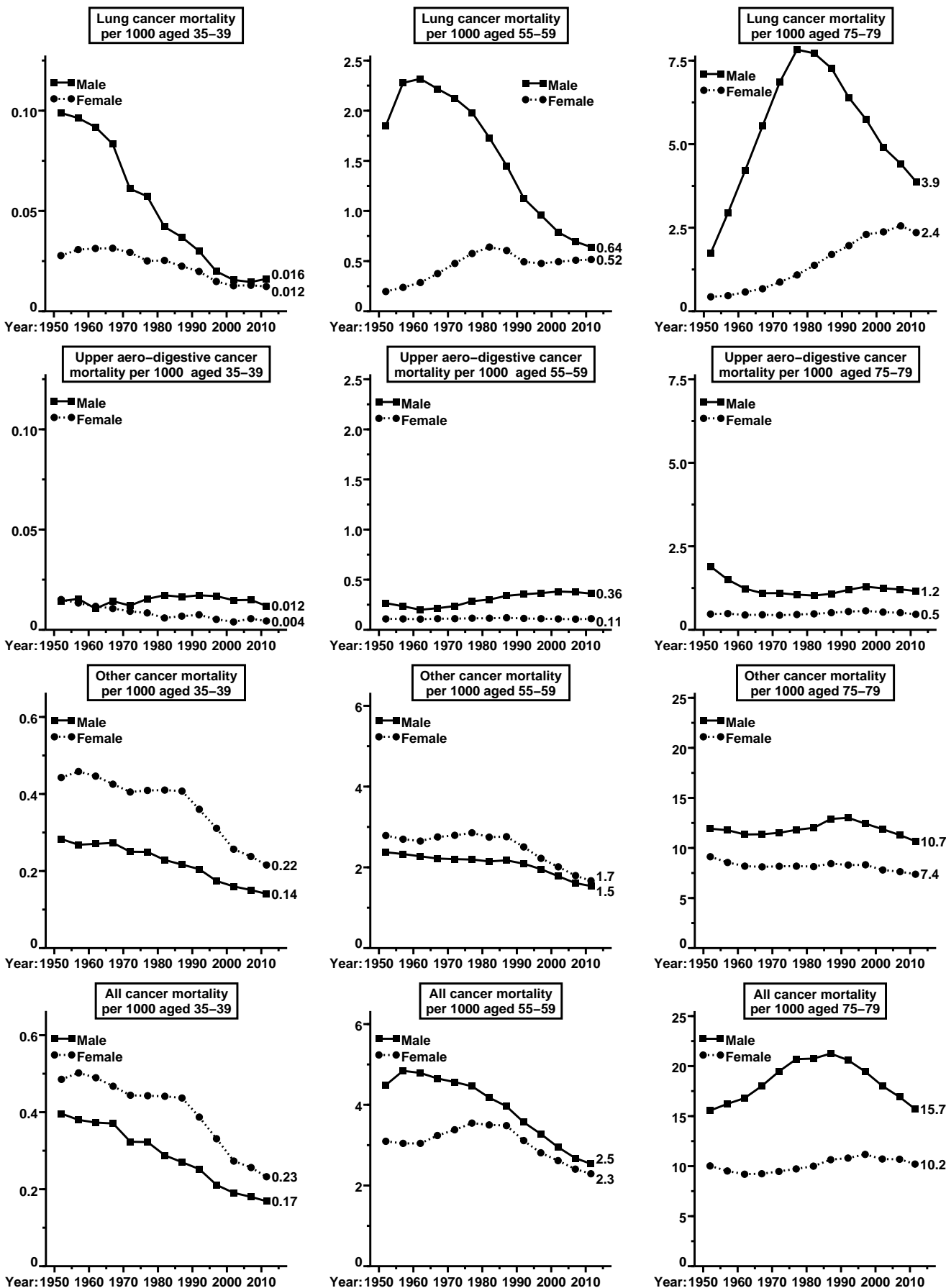
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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	Yes	No
1950	-	0.12	1.62	2.01	2.37	11.4	-	0.10	0.10	2.51	0.12	8.85	-	0.10
1955	-	0.12	1.99	1.85	3.69	10.6	-	0.10	0.12	2.43	0.18	8.30	-	0.10
1960	-	0.12	2.28	1.73	5.35	9.70	-	0.10	0.17	2.38	0.29	7.99	-	0.10
1965	-	0.12	2.42	1.67	6.67	9.13	-	0.10	0.25	2.34	0.45	7.69	-	0.10
1970	-	0.11	2.40	1.69	8.43	8.91	-	0.09	0.33	2.36	0.67	7.70	-	0.09
1975	-	0.10	2.28	1.69	9.27	8.81	-	0.09	0.42	2.33	0.93	7.62	-	0.09
1980	-	0.09	2.11	1.72	9.31	8.84	-	0.08	0.51	2.30	1.28	7.50	-	0.08
1985	-	0.08	1.92	1.80	9.07	9.49	-	0.08	0.56	2.29	1.76	7.67	-	0.08
1990	-	0.07	1.69	1.88	8.28	10.0	-	0.07	0.57	2.23	2.12	7.67	-	0.07
1995	-	0.06	1.34	1.87	7.21	9.92	-	0.06	0.50	2.04	2.42	7.42	-	0.06
2000	-	0.06	1.07	1.79	6.14	9.75	-	0.05	0.44	1.85	2.51	7.14	-	0.05
2005	-	0.05	0.90	1.69	5.13	9.45	-	0.05	0.44	1.70	2.45	6.77	-	0.05
2010	-	0.05	0.78	1.57	4.53	9.04	-	0.05	0.44	1.54	2.43	6.49	-	0.05
2015	-	0.04	0.67	1.46	4.00	8.63	-	0.04	0.45	1.40	2.42	6.21	-	0.04

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

**UNITED KINGDOM: 1950-2013**

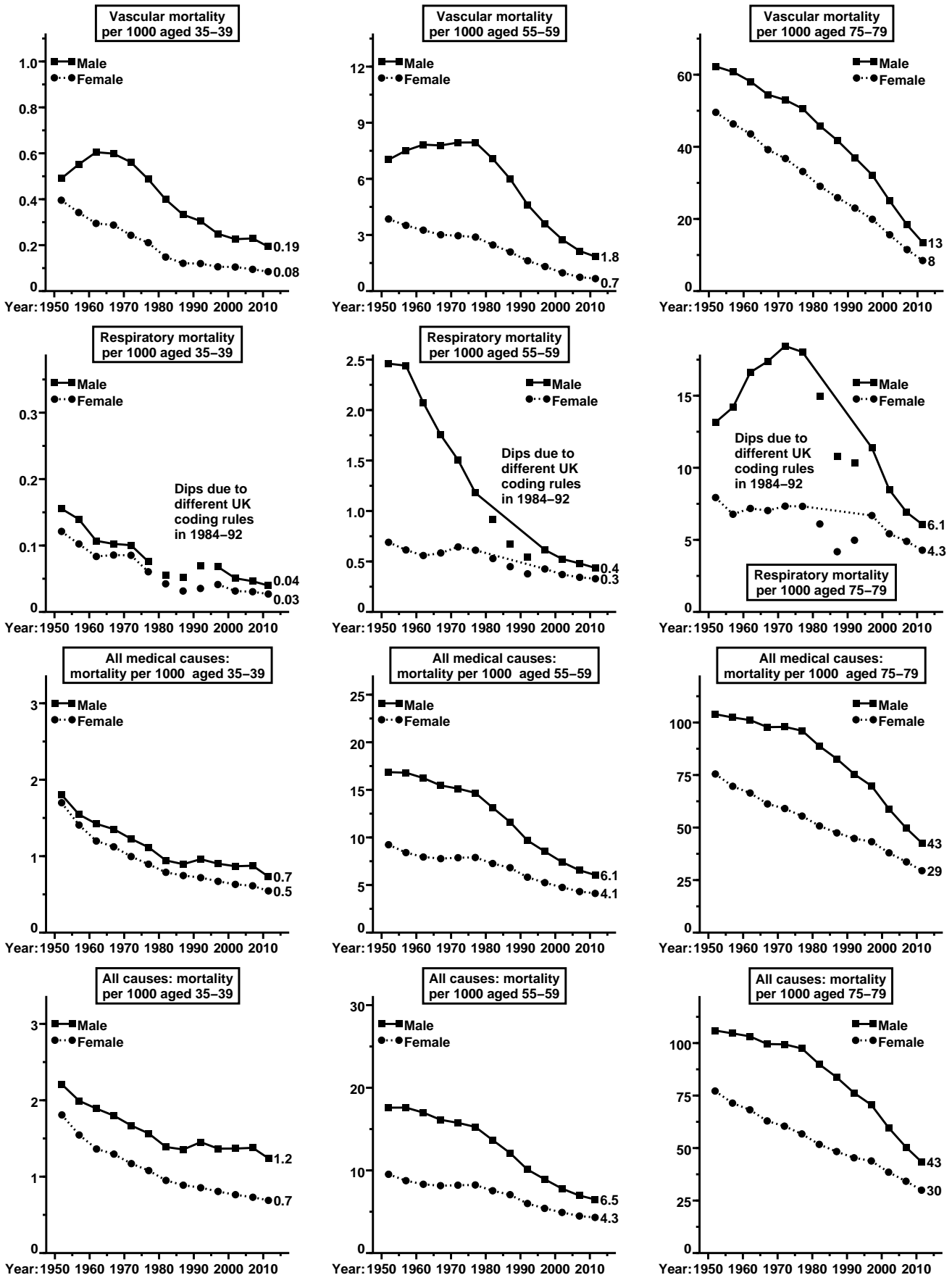
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* Annual mortality per 1000: averages of years available in 1950–54,.....,2005–09; then 4-year average 2010–13

1950-2013: UNITED KINGDOM

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 4-year average 2010-13

<b>UNITED STATES: 2010</b>
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		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
<b>ALL CAUSES</b>	M	1233052	70333	454608	727.6	94.4	783.3	157.1	12.8	16.4	70.0	125.6	134.8	144.3
	F	1236236	35841	299870	518.0	50.4	488.2	128.9	10.2	12.2	28.6	45.0	55.8	72.1
<b>Tuberculosis</b>	M	369	12	184	0.2	0.0	0.3	-	-	-	0.0	0.1	0.0	
	F	240	12	86	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	
<b>Other infective and parasitic</b>	M	34316	1548	17475	20.6	2.1	28.1	4.7	0.4	0.3	0.5	1.7	2.6	4.5
	F	32667	1101	10641	14.7	1.6	16.7	3.8	0.3	0.3	0.5	1.0	1.8	3.2
<b>ALL CANCER</b>	M	301099	3499	130120	181.4	4.7	235.8	2.2	2.3	2.3	3.2	5.7	7.2	10.0
	F	273767	3062	111964	132.1	4.3	184.2	1.8	2.0	2.3	2.3	3.5	6.2	11.8
<b>Mouth and pharynx cancer</b>	M	5816	48	3587	3.6	0.1	6.2	-	-	-	0.1	0.1	0.1	0.2
	F	2659	28	1096	1.3	0.0	1.8	0.0	0.0	-	0.0	0.1	0.1	0.1
<b>Oesophagus cancer</b>	M	11416	29	6226	7.0	0.0	11.1	-	-	-	-	0.0	0.1	0.2
	F	3074	5	1189	1.4	0.0	2.0	-	-	-	-	-	0.0	0.0
<b>Stomach cancer</b>	M	6705	86	3100	4.1	0.1	5.4	-	-	0.0	0.0	0.1	0.2	0.5
	F	4689	73	1808	2.2	0.1	2.9	-	-	-	0.0	0.1	0.2	0.4
<b>Colorectal cancer</b>	M	27289	210	12496	16.4	0.3	22.0	-	-	-	0.1	0.2	0.5	1.2
	F	25340	160	8911	11.5	0.2	14.4	-	0.0	0.0	0.0	0.2	0.5	0.8
<b>Liver cancer</b>	M	11267	76	7239	7.0	0.1	12.2	0.1	0.1	0.0	0.1	0.1	0.1	0.2
	F	4277	54	1663	2.0	0.1	2.7	0.1	0.0	0.1	0.1	0.1	0.1	0.1
<b>Pancreas cancer</b>	M	18703	46	9050	11.4	0.1	16.4	-	0.0	0.0	-	0.1	0.1	0.3
	F	18196	29	6409	8.5	0.0	10.8	-	-	-	-	0.0	0.1	0.2
<b>Larynx cancer</b>	M	2951	3	1618	1.8	-	2.9	-	-	-	-	0.0	0.0	0.0
	F	741	4	359	0.4	0.0	0.6	-	-	-	-	-	0.0	0.0
<b>Lung cancer</b>	M	87744	108	39433	53.7	0.1	73.7	-	0.0	0.0	0.0	0.1	0.2	0.7
	F	70585	92	28853	34.8	0.1	49.2	-	0.0	0.0	0.1	0.1	0.2	0.5
<b>Malignant melanoma</b>	M	6002	118	2972	3.6	0.2	5.1	-	-	-	0.0	0.2	0.4	0.5
	F	3152	93	1519	1.6	0.1	2.4	-	-	0.0	0.0	0.1	0.3	0.4
<b>Female breast cancer</b>	F	41007	329	21459	20.7	0.5	33.8	-	-	-	-	0.1	0.6	2.6
<b>Cervix cancer</b>	F	3939	203	2750	2.2	0.3	4.1	-	-	-	-	0.1	0.7	1.2
<b>Other uterine cancer</b>	F	8403	34	3948	4.2	0.1	6.7	-	-	-	0.0	0.0	0.1	0.3
<b>Ovarian cancer</b>	F	14806	121	6926	7.4	0.2	11.4	-	-	0.0	0.1	0.1	0.3	0.6
<b>Prostate cancer</b>	M	28566	3	5523	16.1	-	11.0	-	-	-	-	0.0	0.0	-
<b>Bladder cancer</b>	M	10429	10	2838	6.0	0.0	5.4	-	-	-	-	-	0.0	0.1
	F	4305	7	964	1.8	0.0	1.6	-	-	-	-	-	0.0	0.0
<b>Other and ill-defined cancer sites</b>	M	53418	1722	24815	32.4	2.3	43.8	1.4	1.6	1.3	1.7	3.0	3.3	3.9
	F	43767	1130	16761	20.9	1.6	27.5	1.0	1.4	1.5	1.3	1.4	1.8	2.7
<b>Hodgkin's disease</b>	M	714	109	339	0.4	0.1	0.6	-	-	0.0	0.0	0.2	0.4	0.3
	F	517	61	222	0.3	0.1	0.3	-	-	-	0.0	0.1	0.1	0.3
<b>Myeloma and non-Hodgkin lymphomas</b>	M	17228	243	6563	10.3	0.3	12.0	0.1	0.1	0.1	0.3	0.4	0.6	0.8
	F	14588	121	4261	6.5	0.2	7.3	0.0	0.0	0.1	0.1	0.2	0.3	0.4
<b>Leukaemia</b>	M	12851	688	4321	7.7	0.9	7.9	0.6	0.6	0.7	0.9	1.2	1.2	1.2
	F	9722	518	2866	4.5	0.7	4.7	0.7	0.5	0.6	0.6	0.8	0.8	1.0
<b>Diabetes</b>	M	35530	452	15799	21.3	0.6	27.7	0.0	-	0.1	0.2	0.6	1.2	2.1
	F	33598	353	10383	14.9	0.5	17.2	0.0	0.0	0.1	0.2	0.5	1.0	1.5
<b>ALL VASCULAR DISEASE</b>	M	385764	4198	130975	222.3	5.7	228.4	3.9	0.6	0.9	2.8	5.2	9.2	17.1
	F	398920	2304	65761	150.4	3.2	108.8	3.2	0.6	0.7	1.4	2.7	4.7	9.2
<b>Rheumatic heart disease and fever</b>	M	996	25	323	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.1
	F	1991	18	479	0.8	0.0	0.8	0.0	-	-	-	0.0	0.0	0.1
<b>Hypertensive disease</b>	M	28379	405	12938	16.7	0.6	21.5	0.0	0.0	0.0	0.1	0.4	1.0	2.3
	F	34754	172	7105	13.4	0.2	11.3	0.0	0.0	0.0	0.0	0.1	0.4	1.1
<b>Ischaemic heart disease</b>	M	207700	893	74340	120.2	1.2	130.5	0.2	0.0	0.0	0.1	0.6	2.2	5.4
	F	172009	280	28833	64.9	0.4	48.5	0.1	0.0	0.0	0.1	0.2	0.7	1.6
<b>Pulmonary embolism and other venous</b>	M	4722	230	2468	2.9	0.3	4.0	0.1	-	0.0	0.1	0.4	0.6	1.0
	F	5727	262	2235	2.7	0.4	3.4	0.0	-	0.1	0.2	0.5	0.5	1.3
<b>Cerebrovascular disease</b>	M	52384	516	14567	29.9	0.7	25.9	0.9	0.3	0.2	0.5	0.5	0.8	1.7
	F	77123	463	11487	28.9	0.7	19.0	0.9	0.2	0.2	0.3	0.5	0.8	1.7
<b>Other vascular disease</b>	M	91583	2129	26339	52.1	2.9	46.0	2.8	0.3	0.6	1.9	3.3	4.6	6.5
	F	107316	1109	15622	39.7	1.6	25.8	2.1	0.3	0.5	0.8	1.4	2.3	3.4
<b>Chronic obstructive pulmonary disease</b>	M	65466	409	16853	38.0	0.6	32.9	0.5	0.4	0.4	0.3	0.5	0.7	0.9
	F	72690	234	16260	30.9	0.3	28.6	0.4	0.2	0.3	0.2	0.3	0.4	0.6
<b>Other respiratory disease</b>	M	49499	1127	11091	27.9	1.5	20.2	4.5	0.4	0.3	0.6	1.2	1.6	2.1
	F	49812	853	8268	19.2	1.2	13.8	3.2	0.4	0.4	0.4	1.1	1.3	1.7
<b>Peptic ulcer</b>	M	1448	16	592	0.8	0.0	1.0	-	-	0.0	0.0	0.0	0.1	0.0
	F	1497	10	344	0.6	0.0	0.6	-	-	-	-	-	0.1	0.1
<b>Liver cirrhosis</b>	M	20765	328	16527	13.1	0.5	26.0	0.0	-	0.0	0.0	0.1	0.6	2.3
	F	11070	201	7490	6.2	0.3	11.3	0.0	-	0.0	-	0.2	0.5	1.3
<b>Renal disease</b>	M	25284	224	6648	14.4	0.3	12.1	0.7	0.1	0.0	0.1	0.1	0.4	0.7
	F	26204	254	5330	10.6	0.4	8.9	0.6	0.0	0.1	0.1	0.3	0.5	0.8
<b>Pregnancy, birth</b>	F	825	531	294	0.6	0.7	0.4	-	-	0.0	0.4	1.1	1.8	1.8
<b>Congenital and perinatal causes</b>	M	11765	10274	1133	8.8	14.2	11.7	93.4	0.9	0.7	1.2	1.1	1.2	1.1
	F	10039	8557	1006	7.7	12.3	1.5	81.6	0.9	0.7	0.7	0.8	0.8	0.8
<b>Ill-defined causes</b>	M	16063	2918	4386	9.6	4.0	7.1	18.9	0.2	0.3	1.1	1.9	2.7	2.9
	F	22304	1875	2969	8.7	2.7	4.6	13.6	0.2	0.2	0.6	1.1	1.2	1.8
<b>Other medical causes</b>	M	161955	4681	41930	91.2	6.3	71.9	8.2	2.0	2.5	4.4	7.0	8.7	11.3
	F	242696	3568	33010	88.9	5.0	53.9	6.8	2.0	2.4	3.1	5.0	7.0	8.7
<b>ALL NON-MEDICAL CAUSES</b>	M	123729	40647	60895	77.9	54.0	90.1	20.0	5.6	8.4	55.6	100.2	98.7	89.2
	F	59907	12926	26064	32.4	17.9	37.5	14.0	3.5	4.7	18.6	27.4	28.4	28.8
<b>Road traffic accidents</b>	M	24265	10036	11476	15.4	13.2	17.1	2.3	2.1	2.5	17.4	27.9	22.2	18.3
	F	10547	4028	4490	6.3	5.5	6.6	1.9	1.4	2.1	9.1	10.4	7.5	6.3
<b>Fire</b>	M	1628	338	859	1.0	0.5	1.4	0.9	0.4	0.2	0.3	0.3	0.5	0.4
	F	1158	249	493	0.6	0.3	0.8	0.7	0.4	0.2	0.2	0.3	0.3	0.3
<b>Suicide</b>	M	30238	8593	17951	19.2	11.4	26.5	-	0.1	1.7	11.8	22.0	22.9	21.3
	F	8074	2007	5460	5.0	2.8	7.8	-	-	0.9	3.2	4.7	5.2	5.5
<b>POPULATION:</b>			<b>M=male</b>		153292	74634	66942	10293	10373	10626	11250	11105	10735	10252
<b>(1000s; UN, 2015 revision)</b>			<b>F=female</b>		156584	71554	68764	9885	9949	10085	10589	10539	10464	10042

## 2010: UNITED STATES

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			
173.2	240.9	395.2	603.4	894.5	1277.1	1898.8	2733.7	4476.3	10793.2	M	ALL CAUSES	001-999/A00-Y89
103.0	154.2	251.2	377.6	524.0	782.8	1224.6	1922.9	3172.0	9464.8	F		
0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	0.9	2.5	M	Tuberculosis	010-018, 137/ A15-A19, B90
0.0	0.1	0.1	0.1	0.1	0.1	0.4	0.3	0.7	1.4	F		
7.0	12.7	21.1	29.2	39.2	40.1	47.2	62.6	101.2	225.8	M	Other infective and parasitic	Rest of 001-139,279.5&.6/ rest of A00-B99 excl A33,A34
4.7	7.0	10.6	15.2	21.0	24.1	34.5	54.1	86.8	205.7	F		
17.1	31.7	73.3	151.5	266.3	434.0	676.8	924.2	1320.3	2053.8	M	ALL CANCER	140-208/C00-C97
22.1	42.2	81.1	140.0	207.4	317.9	478.6	664.4	877.6	1253.6	F		
0.5	1.1	2.3	5.5	8.4	11.4	14.1	14.4	17.2	24.2	M	Mouth and pharynx cancer	140-149/C00-C14
0.3	0.4	0.8	1.7	2.1	3.0	4.0	5.8	7.5	13.2	F		
0.5	1.3	3.6	7.7	13.8	22.0	28.9	35.1	45.4	52.5	M	Oesophagus cancer	150/C15
0.1	0.2	0.6	1.4	2.6	3.6	5.5	7.5	10.5	15.0	F		
0.8	1.4	2.5	3.9	5.9	9.6	13.8	19.7	28.3	42.5	M	Stomach cancer	151/C16
0.7	1.2	1.7	2.3	3.3	4.5	6.3	10.1	12.9	24.9	F		
2.4	4.8	9.2	16.1	24.9	39.7	57.1	76.7	109.2	187.3	M	Colorectal cancer	153, 154/C18-C21
1.9	3.6	7.3	12.2	17.0	24.4	34.4	50.2	75.3	149.6	F		
0.4	1.1	3.9	11.7	21.8	23.0	23.6	26.3	35.0	40.6	M	Liver cancer	155.0/C22 excl C221
0.1	0.4	1.0	2.1	4.0	4.7	6.8	10.8	15.1	19.6	F		
0.7	2.0	4.9	10.6	18.5	31.5	46.9	58.1	80.9	108.4	M	Pancreas cancer	157/C25
0.5	1.3	3.5	6.5	12.2	20.9	30.9	47.0	65.6	94.1	F		
0.1	0.2	0.8	2.2	3.5	5.5	8.2	9.0	12.1	13.3	M	Larynx cancer	161/C32
0.0	0.1	0.2	0.5	0.8	1.1	1.4	2.1	2.5	2.4	F		
1.6	4.6	16.9	42.4	77.9	135.7	236.8	320.5	425.5	497.6	M	Lung cancer	162/C33, C34
1.5	5.1	15.6	32.6	50.3	86.9	152.6	214.5	270.7	276.9	F		
0.9	1.6	2.5	3.7	6.0	9.1	12.2	16.2	23.6	35.0	M	Malignant melanoma	172/C43
0.7	1.1	1.5	2.2	2.8	3.6	4.8	6.6	7.6	12.6	F		
6.3	13.3	20.3	31.6	41.7	54.8	68.9	80.5	97.5	156.8	F	Female breast cancer	174/C50
2.2	2.9	4.0	4.8	4.5	5.2	4.8	5.8	5.2	6.8	F	Cervix cancer	180/C53
0.5	1.1	1.9	4.1	7.2	13.2	18.4	22.1	25.8	31.6	F	Other uterine cancer	179, 182/C54, C55
1.0	2.4	4.9	8.6	13.6	20.5	28.5	38.1	46.1	55.4	F	Ovarian cancer	183/C56, C570-C574
0.0	0.2	1.1	3.3	9.3	20.5	42.5	77.6	138.8	368.5	M	Prostate cancer	185/C61
0.1	0.3	1.0	2.5	5.2	10.2	18.4	28.3	49.1	115.7	M	Bladder cancer	188/C67
0.1	0.3	0.5	1.2	1.6	2.9	4.8	7.8	15.3	32.5	F		
5.9	9.0	17.8	30.4	51.0	78.9	113.5	150.2	210.1	329.0	M	Other and ill-defined cancer sites	Rest of 140-199/ rest of C00-C80, C97
3.8	6.2	12.6	20.5	31.3	47.6	70.7	98.0	135.6	216.0	F		
0.3	0.3	0.3	0.4	0.6	0.8	1.1	1.3	2.2	3.4	M	Hodgkin's disease	201/C81
0.2	0.3	0.2	0.2	0.3	0.5	0.7	1.0	1.3	1.9	F		
1.2	2.0	3.8	6.9	12.8	21.7	35.3	53.0	81.9	132.8	M	Myeloma and non- Hodgkin lymphomas	200, 202-203/ C82-C90, C96
0.6	1.3	2.2	4.2	7.3	12.7	22.5	35.9	52.1	87.9	F		
1.6	1.8	2.6	4.1	6.7	14.5	24.1	37.6	61.0	102.8	M	Leukaemia	204-208/C91-C95
1.3	1.2	2.2	3.2	4.8	7.7	12.7	20.5	31.1	56.6	F		
3.6	6.5	12.4	19.1	32.9	49.1	70.5	93.5	144.4	256.1	M	Diabetes	250/E10-E14
2.7	4.3	7.0	11.4	18.8	30.4	45.9	69.6	103.8	212.1	F		
30.6	55.9	105.5	174.1	266.6	390.9	575.2	837.4	1433.2	4075.4	M	ALL VASCULAR DISEASE	390-459/I00-I99
15.5	28.1	49.9	77.5	113.1	181.7	296.0	508.8	955.2	3739.1	F		
0.1	0.1	0.2	0.4	0.6	1.1	1.3	2.2	3.9	10.4	M	Rheumatic heart disease and fever	390-398/I00-I09
0.1	0.2	0.3	0.4	1.0	1.1	2.5	3.9	6.7	14.4	F		
4.1	7.6	13.4	19.7	27.9	35.0	42.9	52.5	82.7	244.7	M	Hypertensive disease	401-405/I10-I15
2.1	3.7	6.7	10.6	12.8	17.6	25.9	40.6	73.3	315.2	F		
12.3	25.9	55.8	98.6	156.1	231.3	333.6	471.6	779.3	2106.6	M	Ischaemic heart disease	410-414/I20-I25
3.8	8.8	18.8	31.7	50.7	85.3	140.4	233.1	419.8	1601.3	F		
1.4	2.1	2.8	3.8	4.9	5.7	7.5	10.1	14.5	27.1	M	Pulmonary embolism and other venous	415.1, 451-453/ I26, I80-I82
1.8	2.1	2.9	2.9	3.6	4.8	6.0	9.0	13.9	31.0	F		
3.4	6.4	11.2	18.2	27.7	42.6	71.4	117.5	219.1	609.8	M	Cerebrovascular disease	430-438/I60-I69
2.7	5.7	8.9	14.1	18.9	30.6	51.9	99.9	198.1	731.0	F		
9.4	13.8	22.2	33.4	49.4	75.3	118.4	183.6	333.8	1076.7	M	Other vascular disease	Rest of 390-459/ rest of I00-I99
5.1	7.7	12.4	17.7	26.1	42.2	69.3	122.3	243.3	1046.3	F		
1.2	2.0	5.2	13.2	28.5	58.0	121.9	209.0	347.2	677.4	M	Chronic obstructive pulmonary disease	490-496/ J40-J47, J67
1.3	2.3	6.8	14.5	25.0	49.2	101.2	176.7	281.1	502.4	F		
2.7	4.3	7.3	12.1	19.9	33.6	61.3	107.9	202.8	632.2	M	Other respiratory disease	Rest of 460-519/ rest of J00-J98
2.4	4.0	6.2	9.1	14.0	21.7	39.1	69.5	126.5	449.7	F		
0.1	0.3	0.5	0.8	1.3	1.7	2.4	3.2	5.5	12.7	M	Peptic ulcer	531-533/K25-K27
0.1	0.1	0.2	0.5	0.7	0.9	1.4	2.4	4.0	12.1	F		
5.0	10.3	20.9	31.5	40.0	38.0	36.3	33.2	35.1	32.2	M	Liver cirrhosis	571/K70, K74
2.7	5.2	10.7	13.6	14.2	15.6	17.0	20.5	21.9	20.4	F		
1.6	2.2	4.2	7.1	12.6	21.1	35.5	59.1	105.5	301.9	M	Renal disease	580-590/N00-N19
1.3	2.0	3.2	5.9	9.3	15.0	26.0	46.1	74.9	214.0	F		
1.4	0.8	0.3	0.2	0.1	-	0.0	-	-	-	M	Pregnancy, birth Congenital and perinatal causes	630-676/A34, O00-O99 740-779/A33, P00-P96, Q00-Q99
1.2	1.3	1.4	1.9	2.3	2.2	1.8	1.9	2.4	4.8	F		
1.0	1.0	1.3	1.5	2.0	2.0	1.8	1.9	2.3	4.0	F		
3.3	3.8	5.4	6.3	8.0	9.7	13.3	20.9	36.8	161.6	M	Ill-defined causes	780-799/R00-R99
2.0	2.6	3.7	4.1	4.9	5.7	9.3	16.1	33.0	215.0	F		
15.6	23.4	38.3	57.4	81.9	113.7	173.3	283.1	598.8	2032.2	M	Other medical causes	Rest of 001-799/ rest of A00-R99
12.4	17.9	27.0	40.8	55.3	85.4	138.7	248.6	531.2	2414.8	F		
84.2	86.3	99.3	99.0	94.6	84.4	82.7	97.0	142.2	324.6	M	ALL NON- MEDICAL CAUSES	E800-E999/V01-Y89
33.3	36.7	43.4	43.1	38.2	32.9	34.8	44.1	72.9	220.7	F		
16.4	16.2	17.8	17.4	18.1	17.3	16.6	16.1	23.5	31.4	M	Road traffic accidents	E810-E819, E826-E829/ part of V01-V99, Y850
6.3	6.3	6.4	6.4	6.6	6.4	7.9	8.6	12.1	15.4	F		
0.5	0.9	1.2	1.4	1.5	1.8	2.2	2.6	3.4	5.0	M	Fire	E890-E899/X00-X09
0.4	0.4	0.6	0.8	0.9	1.1	1.1	1.6	2.2	3.5	F		
23.2	24.8	29.6	30.1	29.4	25.0	23.3	24.4	29.8	40.5	M	Suicide	E950-E959/X60-X84
7.0	7.8	8.7	9.4	8.8	7.0	5.4	4.0	4.1	3.3	F		
10188	10732	11388	11125	9707	8032	5771	4398	3196	4122	M	POPULATION	
10112	10513	11403	11281	10154	8731	6570	5045	4110	7112	F	(1000s; UN, 2015 revision)	

<b>UNITED STATES: 2010</b>
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**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	– / 73	– / 37	–
35–69	124 / 452	82 / 298	24 years
70+	161 / 701	212 / 899	7 years
<b>All ages</b>	<b>285 / 1226</b>	<b>294 / 1234</b>	<b>13 years</b>

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

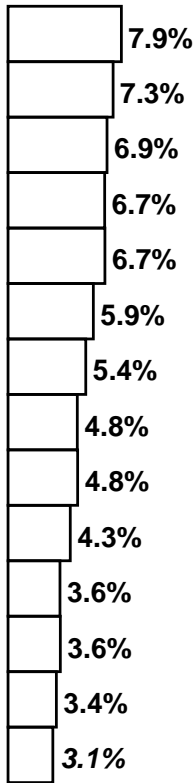
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.1	35/40	43/48	78/88	–/0.1	23/29	36/42	60/70
All Cancer	–/3.5	48/128 (38%)	60/166 (36%)	108/298	–/3.1	27/111 (25%)	45/158 (29%)	73/272
Vascular	–/4.2	43/131	44/252	87/387	–/2.4	25/66	76/338	101/406
Respiratory	–/1.7	15/28	40/86	55/116	–/1.3	15/25	55/99	70/125
All Other	–/63	17/165	16/197	34/425	–/30	15/97	36/305	51/432
<b>All Causes</b>	<b>–/73</b>	<b>124/452 (27%)</b>	<b>161/701 (23%)</b>	<b>285/1226</b>	<b>–/37</b>	<b>82/298 (27%)</b>	<b>212/899 (24%)</b>	<b>294/1234</b>

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

Cause	Male	Female	Male + Female
All Cancer	108 / 298 (36%)	73 / 272 (27%)	181 / 569 (32%)
All Causes	285 / 1226 (23%)	294 / 1234 (24%)	578 / 2460 (24%)

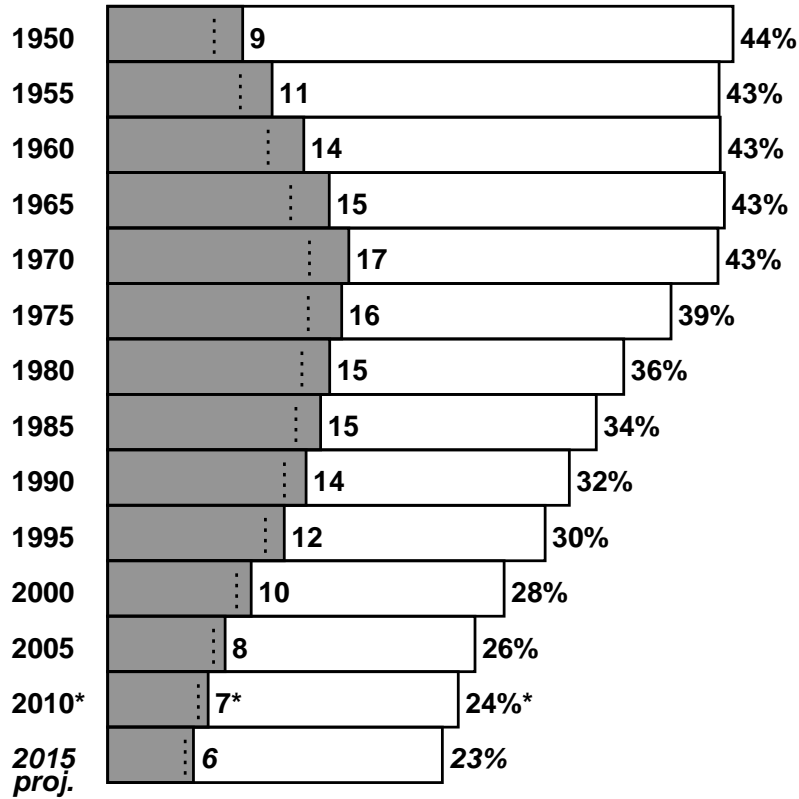
1950-2015: UNITED STATES

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)

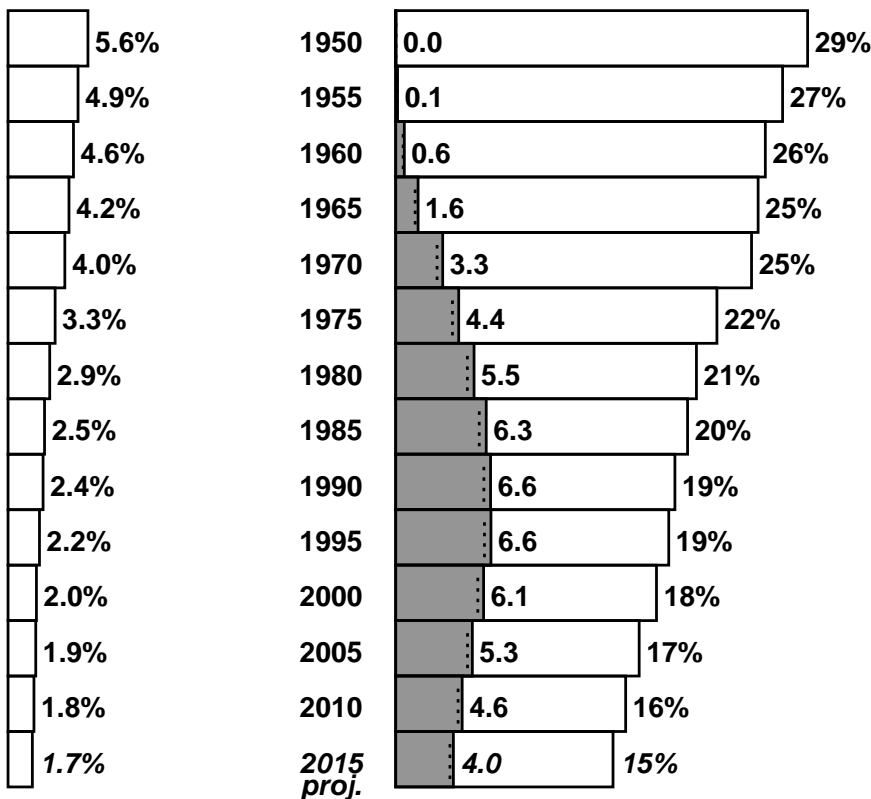
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 24 would die before age 70 (with 7 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



<b>UNITED STATES: 1950-2015</b>
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**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	– / 70	– / 35	–
35–69	124 / 494	83 / 321	<b>23 years</b>
70+	162 / 761	219 / 931	7 years
<b>All ages</b>	<b>286 / 1325</b>	<b>302 / 1288</b>	<b>13 years</b>

**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	–/121	114/410 <b>(28%)</b>	24/351 <b>(7%)</b>	139/882	–/81	1.4/245 <b>(0.6%)</b>	0.0/337	1.4/663
1965	–/118	169/461 <b>(37%)</b>	66/457 <b>(14%)</b>	235/1036	–/74	18/265 <b>(7%)</b>	1.5/456 <b>(0.3%)</b>	19/795
1975	–/109	193/461 <b>(42%)</b>	112/493 <b>(23%)</b>	305/1063	–/57	53/266 <b>(20%)</b>	26/536 <b>(5%)</b>	79/858
1985	–/99	183/423 <b>(43%)</b>	152/569 <b>(27%)</b>	335/1092	–/48	80/260 <b>(31%)</b>	89/674 <b>(13%)</b>	169/983
1995	–/90	161/416 <b>(39%)</b>	179/656 <b>(27%)</b>	341/1163	–/43	87/261 <b>(34%)</b>	184/831 <b>(22%)</b>	272/1135
2005	–/77	131/430 <b>(30%)</b>	171/692 <b>(25%)</b>	302/1199	–/39	84/283 <b>(30%)</b>	218/907 <b>(24%)</b>	302/1229
2015 <i>proj.</i>	–/70	124/494 <b>(25%)</b>	162/761 <b>(21%)</b>	286/1325	–/35	83/321 <b>(26%)</b>	219/931 <b>(23%)</b>	302/1288

**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 29 / 132M**

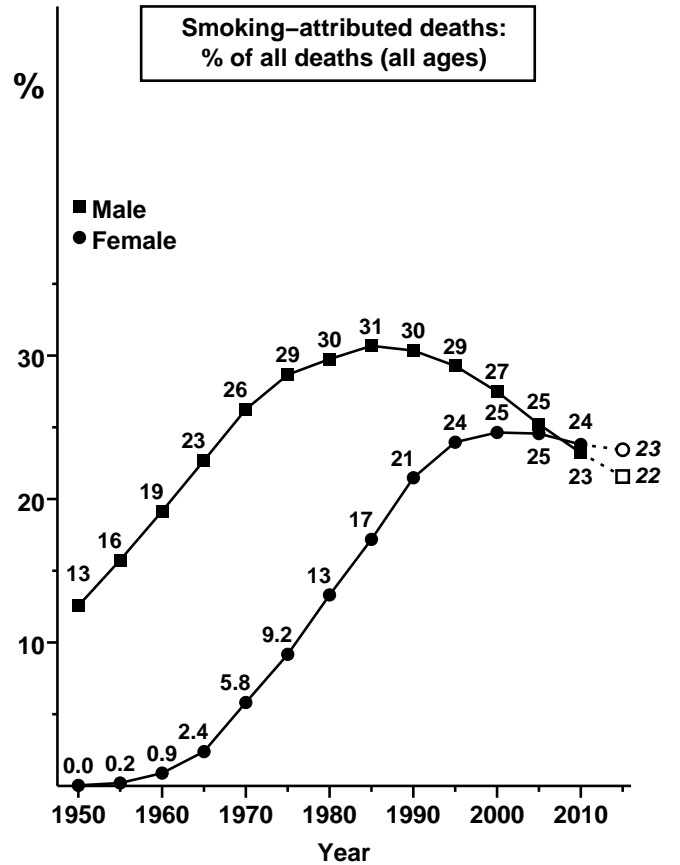
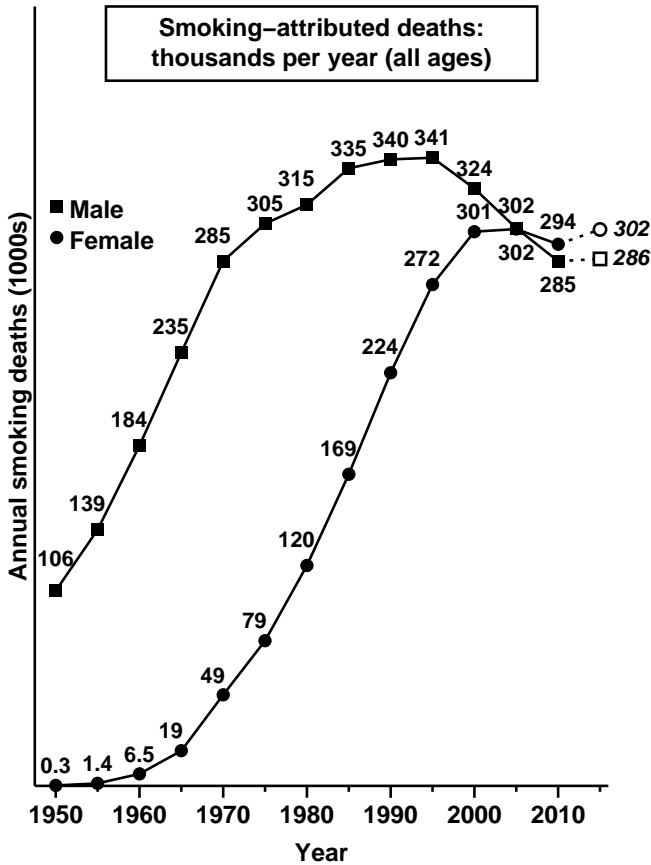
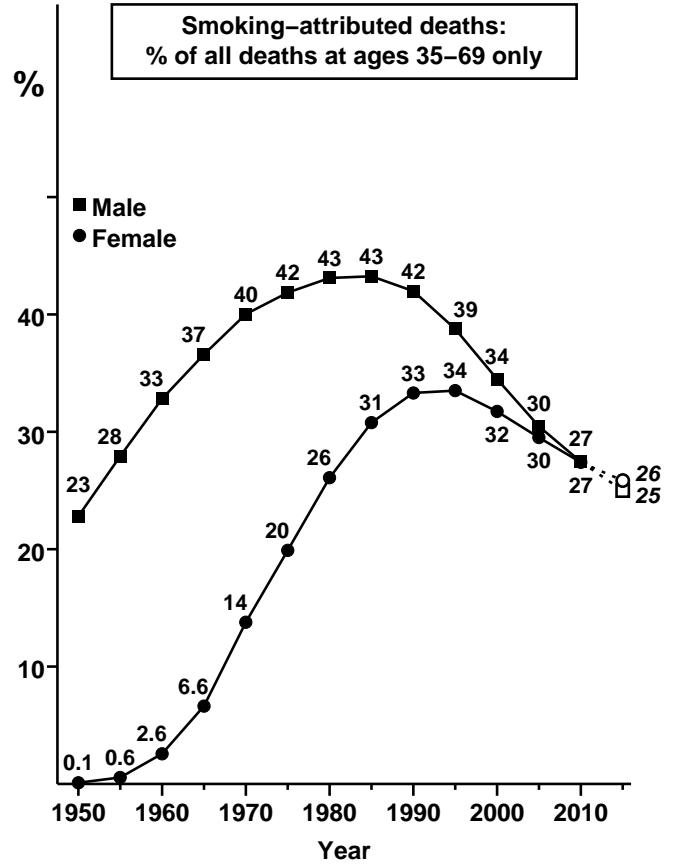
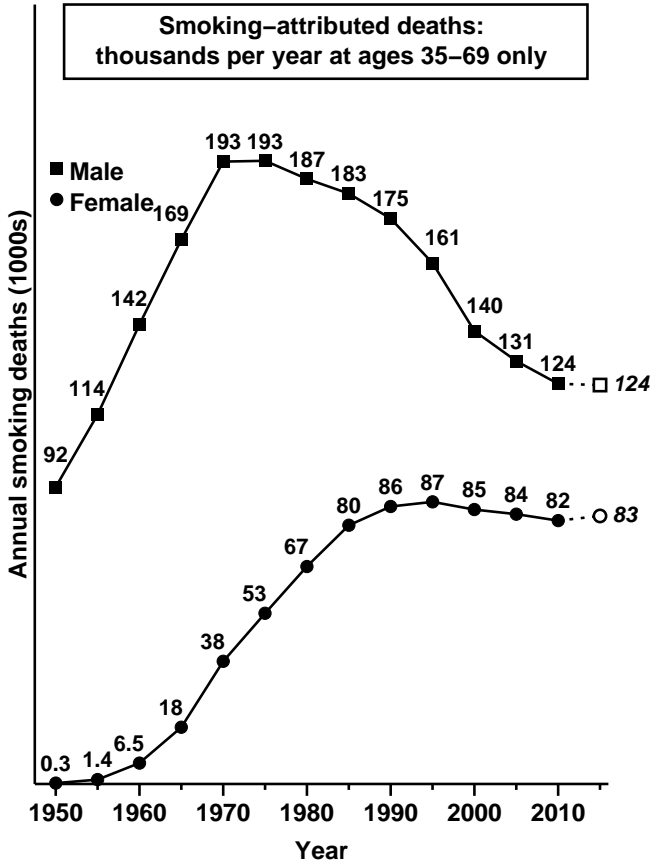
\*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

**1960–2020, by age & sex:**

–/5.6M	9.6/27M	8.4/36M	18/69M	–/3.0M	4.0/17M	7.4/43M	11/63M
	<b>(36%)</b>	<b>(23%)</b>			<b>(24%)</b>	<b>(17%)</b>	

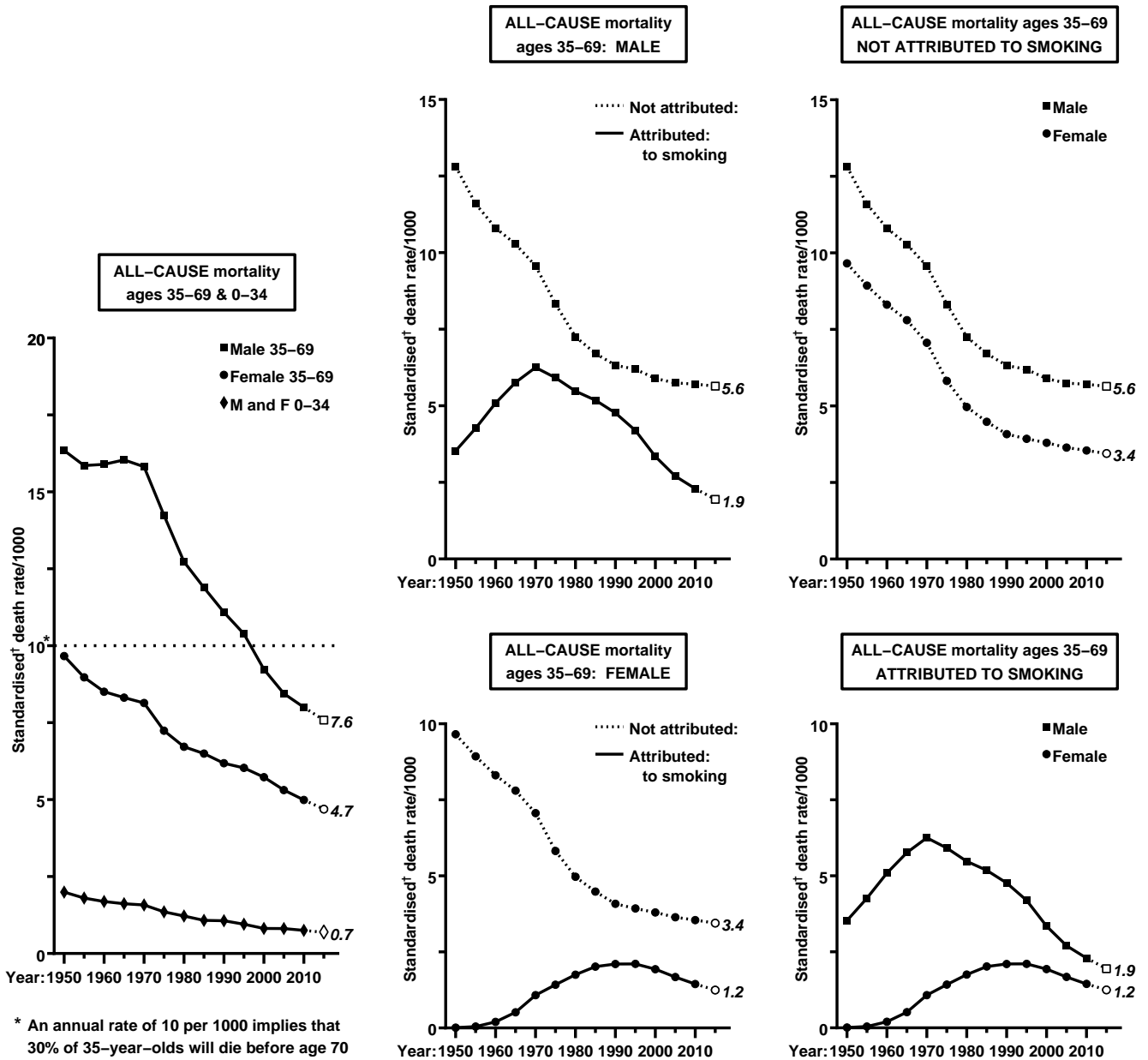


1950-2015: UNITED STATES



**UNITED STATES: 1950-2015**

**ALL-CAUSE mortality rates attributed and not attributed to smoking**



\* An annual rate of 10 per 1000 implies that 30% of 35-year-olds will die before age 70

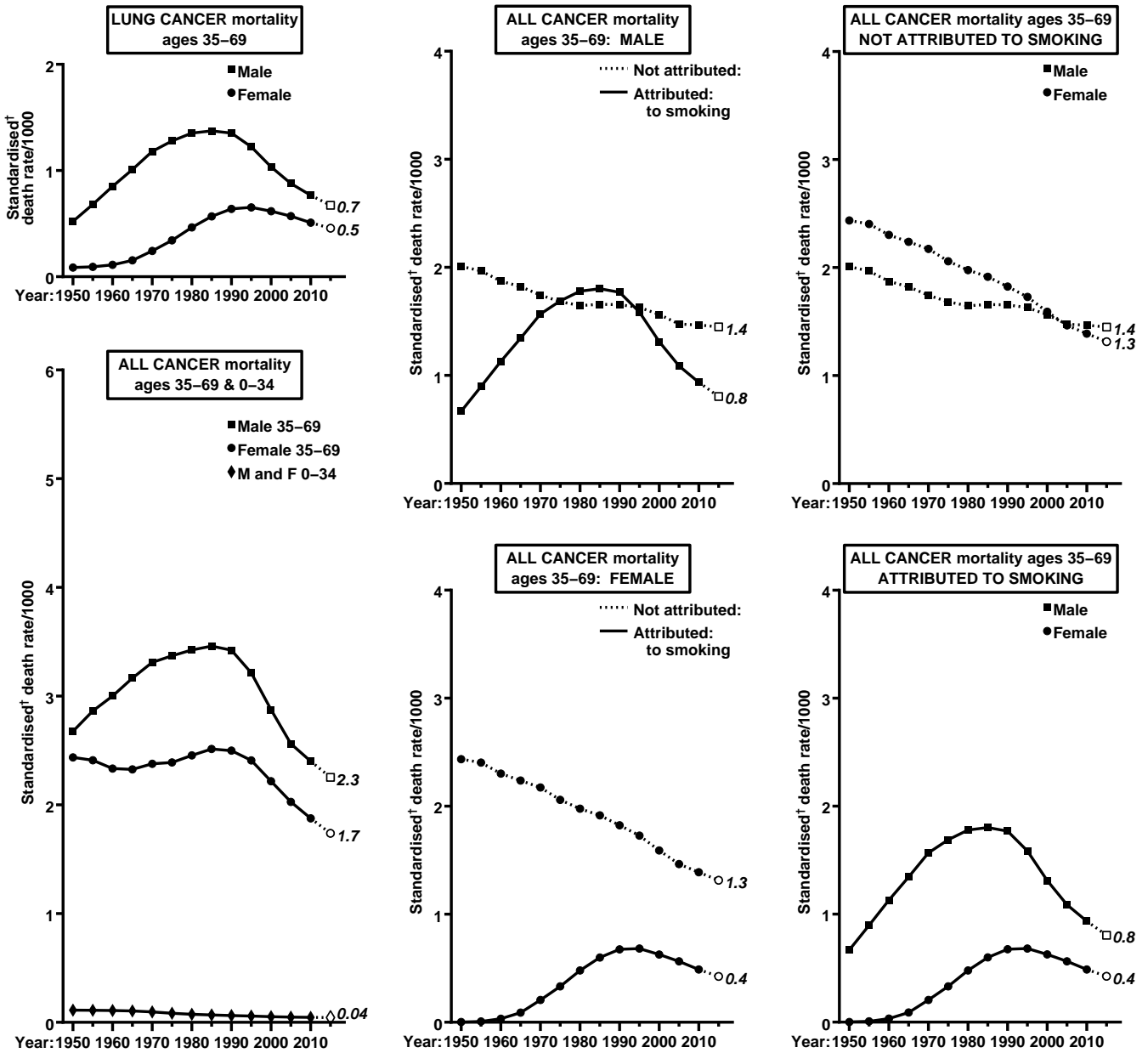
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.35	3.53	12.8	3.54	68.9	-	1.64	0.01	9.65	0.00	53.0				
1955	-	2.17	4.26	11.6	5.52	64.9	-	1.43	0.04	8.93	0.00	48.5				
1960	-	2.04	5.09	10.8	8.36	62.7	-	1.33	0.20	8.31	0.01	45.6				
1965	-	1.99	5.76	10.3	11.8	59.7	-	1.24	0.51	7.80	0.25	43.8				
1970	-	2.00	6.25	9.57	15.3	55.7	-	1.15	1.08	7.06	1.23	40.3				
1975	-	1.75	5.91	8.32	17.1	49.5	-	0.95	1.42	5.82	2.48	35.4				
1980	-	1.59	5.47	7.25	16.4	42.5	-	0.84	1.75	4.97	3.88	30.6				
1985	-	1.41	5.18	6.71	17.1	40.3	-	0.74	2.01	4.48	5.69	26.8				
1990	-	1.42	4.76	6.32	16.3	36.4	-	0.71	2.10	4.08	7.56	24.2				
1995	-	1.27	4.19	6.19	15.6	34.6	-	0.63	2.10	3.92	8.73	22.7				
2000	-	1.05	3.34	5.89	14.2	32.5	-	0.57	1.93	3.80	9.07	21.6				
2005	-	1.06	2.70	5.74	11.9	29.0	-	0.56	1.67	3.64	8.57	19.6				
2010	-	0.98	2.29	5.71	10.0	27.0	-	0.52	1.44	3.55	7.85	18.2				
2015	-	0.91	1.94	5.64	8.41	25.0	-	0.49	1.25	3.44	7.22	16.9				

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

1950-2015: UNITED STATES

ALL CANCER mortality rates attributed and not attributed to smoking



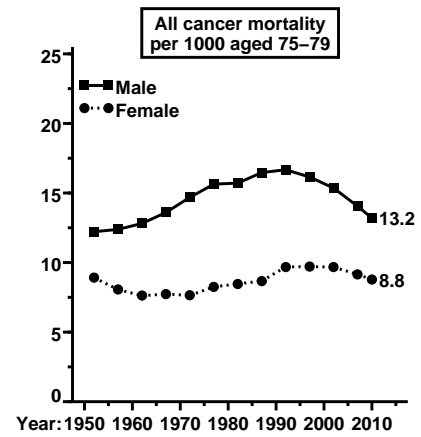
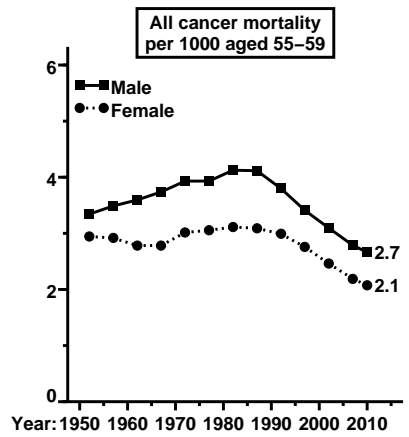
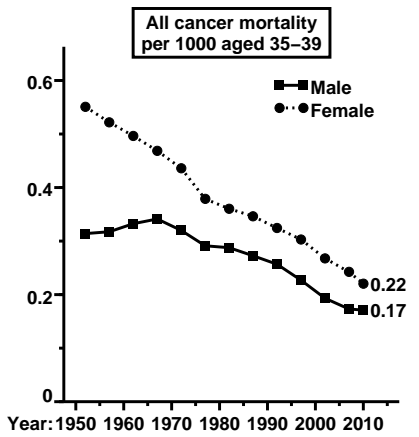
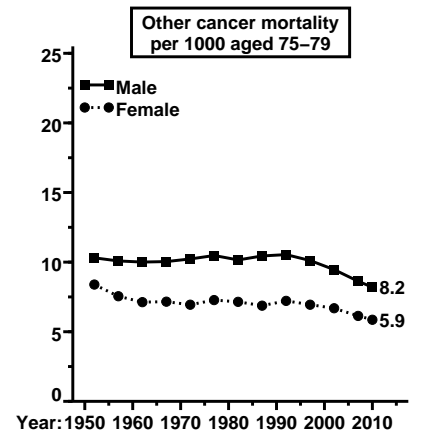
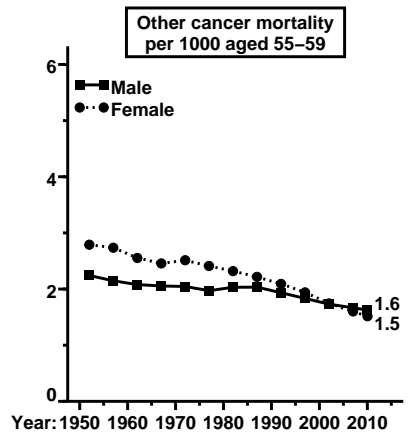
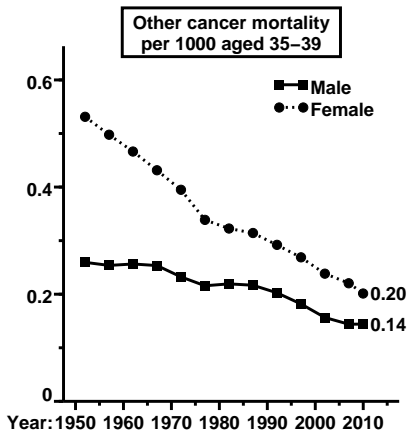
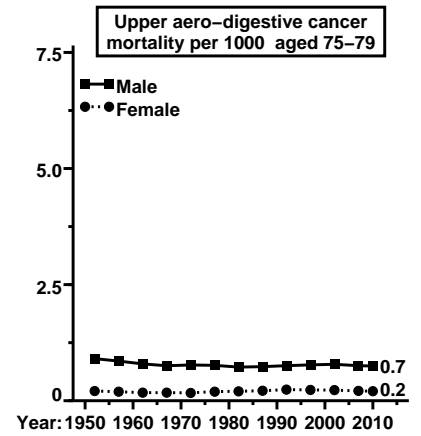
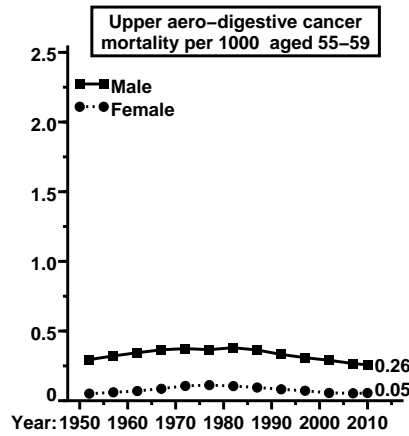
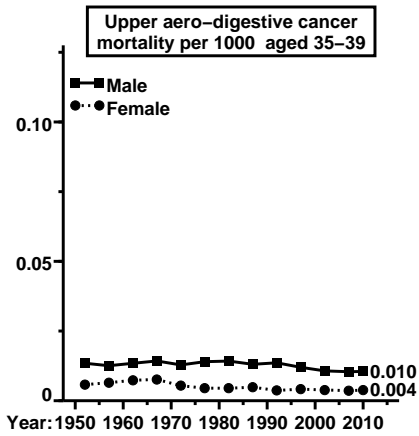
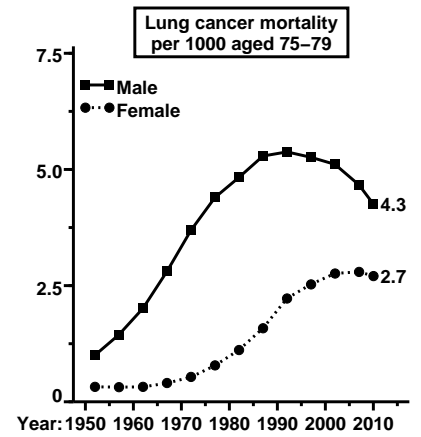
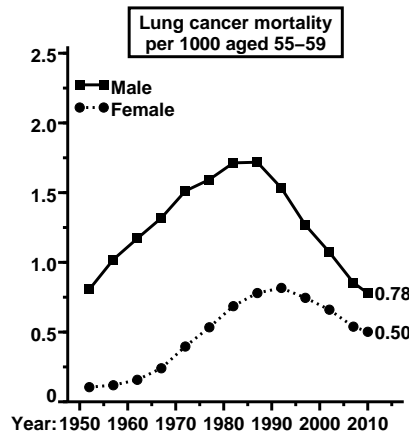
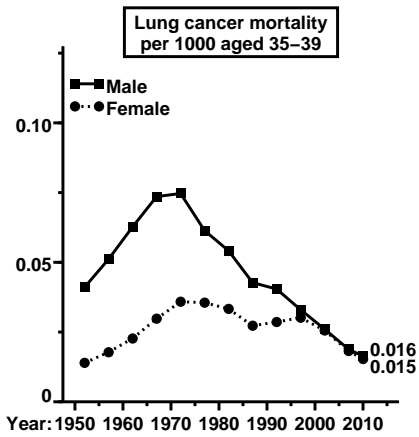
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	0.11	0.67	2.01	0.92	9.69	-	0.11	0.00	2.44	0.00	7.85				
1955	-	0.11	0.90	1.97	1.47	9.59	-	0.11	0.01	2.40	0.00	7.41				
1960	-	0.11	1.13	1.87	2.19	9.17	-	0.10	0.03	2.30	0.00	6.93				
1965	-	0.11	1.34	1.82	3.12	8.94	-	0.10	0.09	2.24	0.03	6.90				
1970	-	0.10	1.57	1.74	4.20	8.74	-	0.09	0.21	2.17	0.21	6.75				
1975	-	0.09	1.69	1.68	5.16	8.74	-	0.08	0.33	2.06	0.46	6.82				
1980	-	0.08	1.78	1.65	5.58	8.38	-	0.07	0.48	1.98	0.87	6.69				
1985	-	0.07	1.80	1.66	6.11	8.42	-	0.06	0.60	1.91	1.39	6.44				
1990	-	0.06	1.77	1.65	6.29	8.42	-	0.06	0.67	1.82	2.07	6.44				
1995	-	0.06	1.58	1.63	6.26	8.33	-	0.05	0.68	1.73	2.52	6.33				
2000	-	0.05	1.31	1.56	5.91	7.92	-	0.05	0.63	1.59	2.70	6.00				
2005	-	0.05	1.09	1.47	5.27	7.29	-	0.05	0.56	1.46	2.73	5.58				
2010	-	0.05	0.93	1.47	4.55	6.93	-	0.04	0.49	1.39	2.58	5.25				
2015	-	0.05	0.80	1.45	3.92	6.57	-	0.04	0.42	1.31	2.44	4.94				

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

**UNITED STATES: 1950-2010**

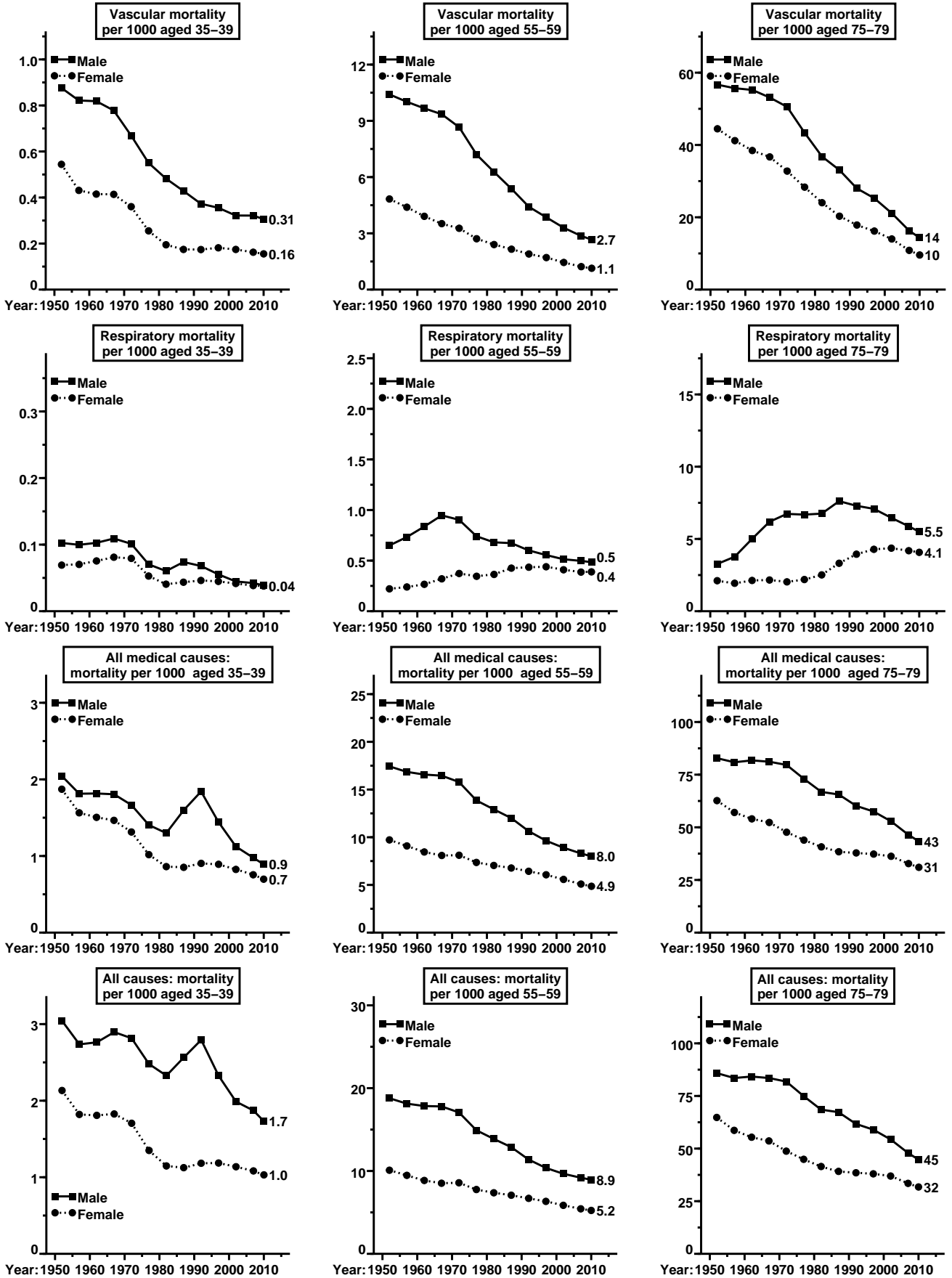
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then year 2010 separately

1950-2010: UNITED STATES

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



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then year 2010 separately