

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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EU28

(European Union – 28 countries*)

Raw data (pages 32–33)

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*Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK

EU28 (European Union - 28 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	2447282	65349	785525	732.8	59.9	775.7	105.6	11.2	13.3	43.4	71.0	78.1	96.9
	F	2457768	31519	404623	456.3	31.2	377.3	89.8	9.1	9.8	19.5	23.9	27.9	38.5
Tuberculosis	M	3956	161	2297	1.3	0.1	2.1	0.1	-	-	0.0	0.1	0.2	0.6
	F	1642	70	403	0.4	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Other infective and parasitic	M	31292	1132	10567	9.5	1.1	9.9	2.5	0.3	0.3	0.5	0.8	1.0	2.0
	F	33297	726	5229	6.3	0.7	4.8	2.1	0.3	0.2	0.4	0.5	0.6	0.9
ALL CANCER	M	713151	5657	283307	217.9	5.1	287.5	2.5	2.9	2.8	4.2	5.5	7.2	10.6
	F	556482	4994	195239	128.9	4.6	181.3	2.7	2.3	2.1	3.2	3.6	6.5	11.9
Mouth and pharynx cancer	M	21900	91	15156	7.4	0.1	14.5	-	0.0	0.0	0.1	0.1	0.1	0.3
	F	6587	55	3112	1.7	0.1	2.8	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Oesophagus cancer	M	22172	44	11826	7.1	0.0	11.8	-	-	-	-	0.0	0.1	0.2
	F	7188	14	2389	1.6	0.0	2.2	-	-	-	0.0	-	0.0	0.0
Stomach cancer	M	36787	152	14223	11.2	0.1	14.3	0.0	0.0	-	0.0	0.1	0.3	0.5
	F	24026	164	6676	5.2	0.1	6.2	-	-	-	0.0	0.1	0.3	0.6
Colorectal cancer	M	82073	267	28494	24.5	0.2	29.4	-	-	0.0	0.0	0.2	0.4	0.9
	F	68365	201	17772	14.3	0.2	16.8	0.0	0.0	0.0	0.0	0.1	0.4	0.7
Liver cancer	M	25659	123	11199	8.0	0.1	11.4	0.1	0.0	0.0	0.1	0.1	0.2	0.3
	F	11290	67	2797	2.4	0.1	2.7	0.1	-	-	0.1	0.0	0.1	0.1
Pancreas cancer	M	38103	63	17204	11.9	0.1	17.5	-	-	0.0	0.0	0.0	0.1	0.3
	F	38041	48	11290	8.3	0.0	10.8	-	-	-	0.0	0.0	0.1	0.2
Larynx cancer	M	11250	6	6466	3.6	-	6.4	-	-	-	-	-	0.0	0.0
	F	1301	4	624	0.3	-	0.6	-	-	-	-	0.0	0.0	0.0
Lung cancer	M	186395	206	86923	58.3	0.2	88.8	0.1	0.0	0.0	0.1	0.1	0.3	0.7
	F	77077	146	35268	19.5	0.1	32.9	0.0	-	0.0	0.1	0.1	0.1	0.6
Malignant melanoma	M	8835	209	4387	2.8	0.2	4.2	0.0	-	0.0	0.1	0.1	0.4	0.6
	F	6878	179	2963	1.7	0.2	2.6	0.0	-	0.0	0.0	0.1	0.4	0.6
Female breast cancer	F	91178	574	40129	22.7	0.5	36.4	0.0	-	-	0.0	0.1	0.5	2.8
Cervix cancer	F	11031	295	6815	3.3	0.2	5.9	-	-	-	-	0.1	0.5	1.2
Other uterine cancer	F	17214	42	6085	4.0	0.0	5.8	-	0.0	-	0.0	0.0	0.1	0.2
Ovarian cancer	F	30249	213	13345	7.6	0.2	12.4	0.0	-	0.0	0.1	0.2	0.3	0.7
Prostate cancer	M	71756	10	11154	19.6	0.0	12.3	0.0	-	-	0.0	0.0	0.0	0.0
Bladder cancer	M	30162	16	7653	8.6	0.0	8.1	-	-	-	-	0.0	0.0	0.1
	F	10382	12	1913	2.0	0.0	1.8	-	-	-	-	-	0.1	0.0
Other and ill-defined cancer sites	M	126569	2927	51704	39.2	2.7	51.7	1.6	2.0	1.7	2.3	2.9	3.4	4.8
	F	111089	1870	33079	24.7	1.8	30.9	1.6	1.6	1.4	1.7	1.6	2.1	2.7
Hodgkin's disease	M	1496	189	662	0.5	0.2	0.6	-	0.0	0.0	0.1	0.3	0.4	0.3
	F	1213	167	371	0.3	0.1	0.3	-	-	0.0	0.2	0.2	0.3	0.3
Myeloma and non-Hodgkin lymphomas	M	27768	394	9514	8.3	0.3	9.7	0.1	0.2	0.2	0.3	0.4	0.6	0.7
	F	25111	246	6151	5.3	0.2	5.9	0.1	0.0	0.1	0.2	0.3	0.4	0.5
Leukaemia	M	22226	960	6742	6.7	0.9	6.9	0.6	0.6	0.8	1.2	1.1	1.0	0.9
	F	18262	697	4460	4.0	0.7	4.2	0.9	0.6	0.6	0.7	0.5	0.7	0.8
Diabetes	M	46978	251	12550	13.6	0.2	12.8	0.0	0.0	0.0	0.1	0.3	0.3	0.7
	F	60312	150	6654	10.3	0.1	6.5	-	0.0	0.1	0.1	0.1	0.3	0.4
ALL VASCULAR DISEASE	M	874572	4239	220576	250.0	3.7	222.1	2.0	0.5	0.8	1.9	3.6	6.1	11.1
	F	1049830	2116	86509	169.4	2.0	83.1	2.2	0.5	0.6	1.3	2.0	2.8	4.4
Rheumatic heart disease and fever	M	3830	28	964	1.1	0.0	1.0	0.0	0.0	0.0	0.0	-	0.0	0.1
	F	8003	27	1093	1.4	0.0	1.1	-	0.0	0.0	0.0	0.0	0.0	0.1
Hypertensive disease	M	55216	83	11577	15.4	0.1	11.8	-	-	0.0	0.0	0.1	0.1	0.3
	F	98323	35	6142	15.2	0.0	6.0	0.0	-	-	0.0	0.0	0.0	0.1
Ischaemic heart disease	M	355931	900	104377	103.5	0.8	104.9	0.0	-	0.0	0.1	0.6	1.3	3.2
	F	323832	229	29924	53.2	0.2	29.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8
Pulmonary embolism and other venous	M	17000	211	6254	5.1	0.2	6.2	0.0	-	0.0	0.1	0.2	0.4	0.6
	F	24092	224	4347	4.6	0.2	4.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5
Cerebrovascular disease	M	191216	746	39682	53.6	0.7	40.6	0.3	0.1	0.2	0.3	0.7	1.0	2.0
	F	272111	508	23138	44.4	0.5	22.2	0.3	0.1	0.2	0.2	0.5	0.8	1.1
Other vascular disease	M	251379	2271	57722	71.2	2.0	57.6	1.6	0.4	0.5	1.4	2.0	3.3	4.9
	F	323469	1093	21865	50.5	1.1	20.9	1.9	0.3	0.3	0.8	1.0	1.1	1.8
Chronic obstructive pulmonary disease	M	93487	197	17405	26.0	0.2	18.5	0.1	0.1	0.1	0.1	0.2	0.3	0.4
	F	64682	141	10018	11.8	0.1	9.8	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Other respiratory disease	M	105820	1927	19342	29.6	1.8	19.4	5.4	0.6	0.5	1.0	1.2	1.8	2.4
	F	108958	1329	8815	17.8	1.4	8.3	4.8	0.5	0.5	0.7	0.8	1.0	1.2
Peptic ulcer	M	7208	47	2612	2.2	0.0	2.5	0.0	-	-	0.0	0.1	0.1	0.2
	F	7261	28	1105	1.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Liver cirrhosis	M	54263	759	39746	18.8	0.6	37.0	0.0	0.0	0.0	0.0	0.3	1.0	3.0
	F	25647	284	15286	7.3	0.2	13.7	0.0	0.0	0.0	0.0	0.1	0.4	1.2
Renal disease	M	30305	164	4840	8.3	0.1	5.0	0.3	0.1	0.1	0.0	0.1	0.2	0.3
	F	34877	126	3095	5.7	0.1	3.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2
Pregnancy, birth	F	313	216	96	0.1	0.2	0.1	-	-	-	0.1	0.2	0.5	0.5
Congenital and perinatal causes	M	12516	10316	1716	6.7	10.7	1.5	69.5	1.0	0.8	1.1	1.0	0.9	0.8
	F	10505	8389	1502	5.7	9.2	1.3	59.5	1.0	0.8	0.9	0.8	0.7	0.6
Ill-defined causes	M	83741	4670	34108	26.4	4.3	31.8	8.8	0.5	0.5	2.2	4.4	6.0	7.5
	F	93777	1933	12146	16.4	1.9	11.0	6.2	0.4	0.3	1.0	1.5	1.9	2.2
Other medical causes	M	236791	6263	59387	68.7	5.8	57.6	8.3	2.2	2.5	4.3	5.7	7.2	10.2
	F	328457	3742	36104	55.8	3.7	33.7	7.0	2.0	2.3	2.8	3.3	3.7	4.6
ALL NON-MEDICAL CAUSES	M	153202	29566	77072	53.8	26.1	68.0	6.1	3.2	5.0	27.9	47.9	45.9	47.2
	F	81728	7275	22422	19.1	6.9	19.5	4.8	1.9	2.8	8.9	10.6	9.2	9.9
Road traffic accidents	M	24067	9429	10959	9.2	8.4	9.5	1.2	1.0	1.7	12.5	17.9	13.6	11.1
	F	7522	2358	2910	2.6	2.3	2.5	0.9	0.8	1.2	4.1	4.2	2.5	2.1
Fire	M	2373	303	1441	0.8	0.3	1.3	0.3	0.1	0.1	0.1	0.3	0.4	0.5
	F	1408	140	501	0.4	0.1	0.4	0.3	0.1	0.0	0.1	0.1	0.1	0.1
Suicide	M	45679	8721	28310	16.6	7.6	24.6	-	0.0	0.8	6.9	14.0	14.6	16.7
	F	13249	1923	8149	4.4	1.7	7.0	-	0.0	0.4	2.2	2.9	3.0	3.7
POPULATION:			M=male		245766	105072	114964	13636	13141	13482	14637	15972	16805	17401
(1000s; UN, 2015 revision)			F=female		257324	100952	118053	12944	12488	12822	13988	15364	16334	17011

*Constituent countries are listed on pages 0 and 0

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	-	M	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	F	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)	

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

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

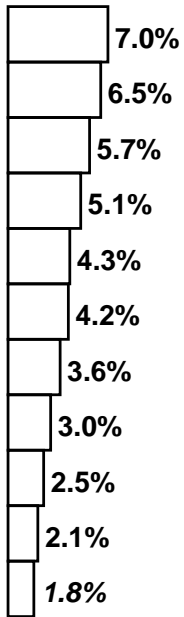
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.2	79/87	87/99	166/186	–/0.1	26/35	28/42	54/77
All Cancer	–/5.7	119/283 (42%)	130/424 (31%)	249/713	–/5.0	32/195 (16%)	38/356 (11%)	70/556
Vascular	–/4.2	88/221	107/650	195/875	–/2.1	23/87	74/961	97/1050
Respiratory	–/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%)

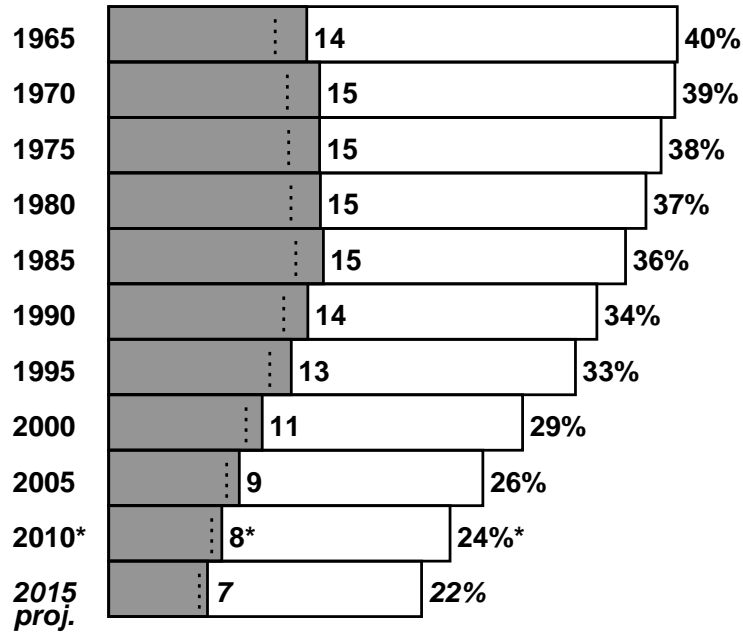
1965-2015: EU28 (European Union - 28 countries)

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)

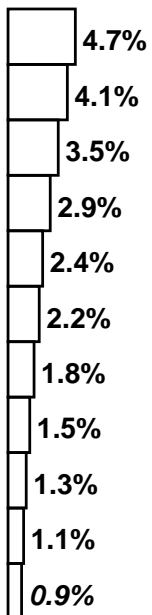
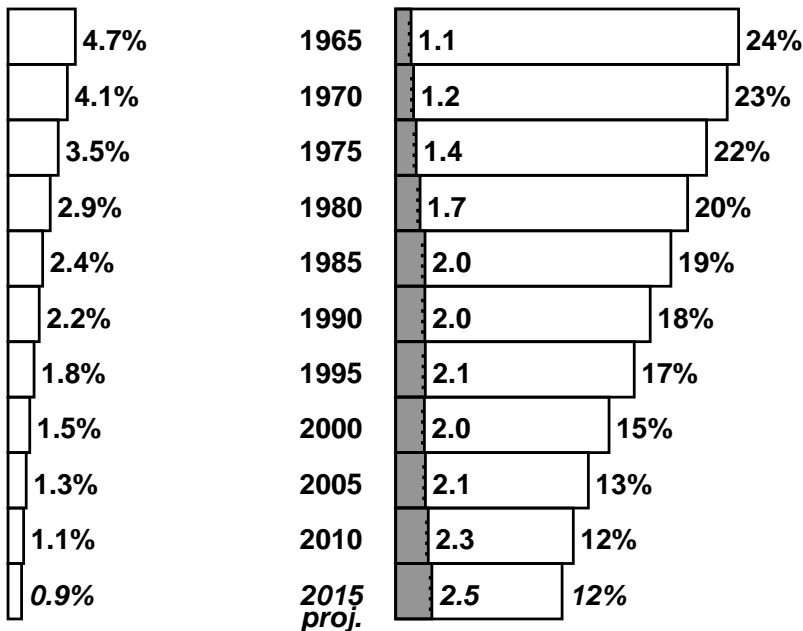
MALE



*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



EU28 (European Union - 28 countries): 1960-2015
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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	23 years
70+	318 / 1631	187 / 2018	7 years
All ages	557 / 2448	275 / 2451	14 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	–/252	341/974 (35%)	157/1040 (15%)	498/2267	–/165	29/637 (4%)	21/1316 (2%)	50/2117
1975	–/202	381/1009 (38%)	299/1280 (23%)	680/2491	–/118	40/608 (7%)	45/1621 (3%)	84/2346
1985	–/152	389/936 (42%)	351/1464 (24%)	740/2551	–/79	53/514 (10%)	83/1871 (4%)	137/2464
1995	–/126	381/981 (39%)	347/1431 (24%)	728/2538	–/57	61/498 (12%)	136/1921 (7%)	197/2476
2005	–/79	288/830 (35%)	337/1525 (22%)	626/2434	–/37	65/423 (15%)	162/1977 (8%)	228/2437
2015 <i>proj.</i>	–/54	240/763 (31%)	318/1631 (19%)	557/2448	–/26	88/406 (22%)	187/2018 (9%)	275/2451

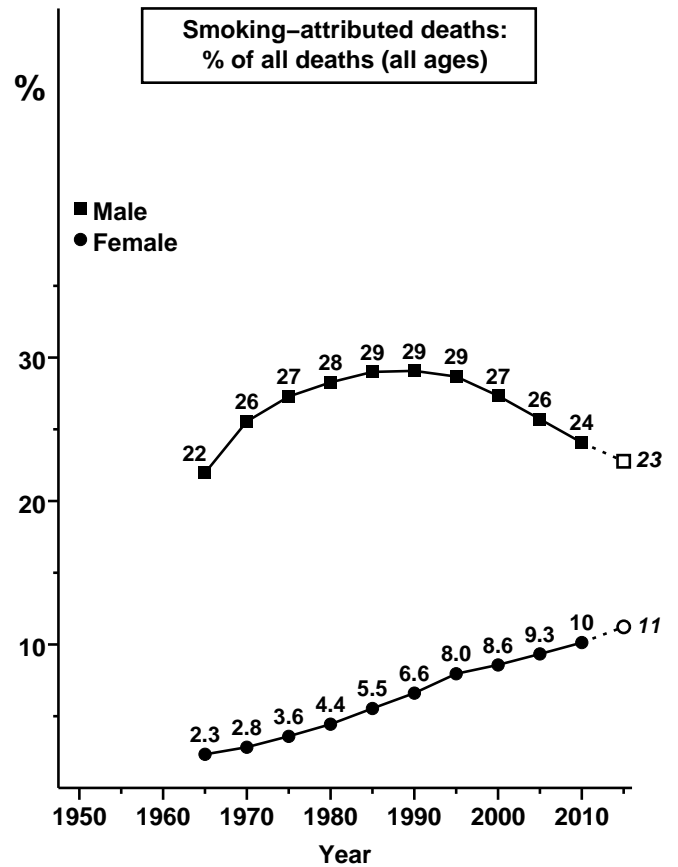
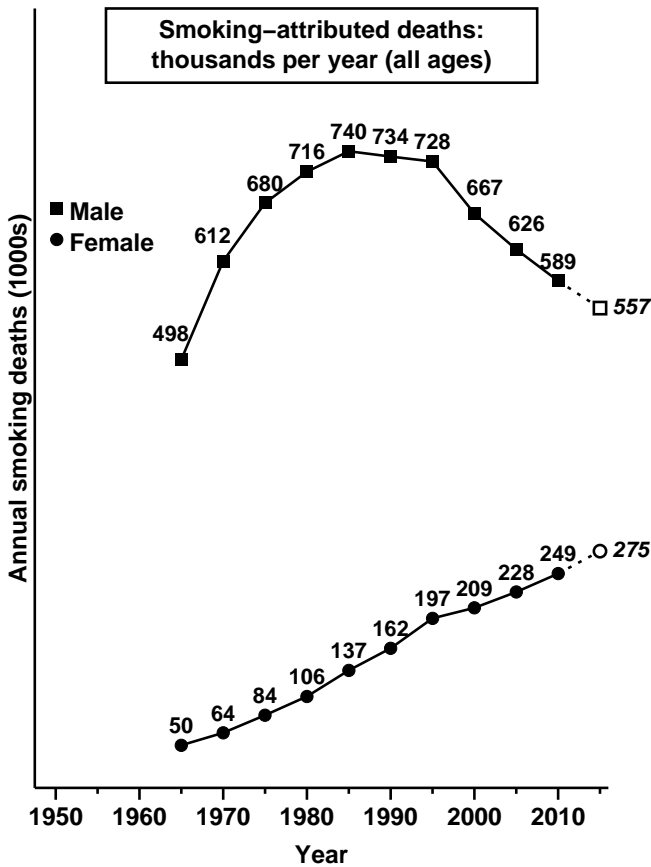
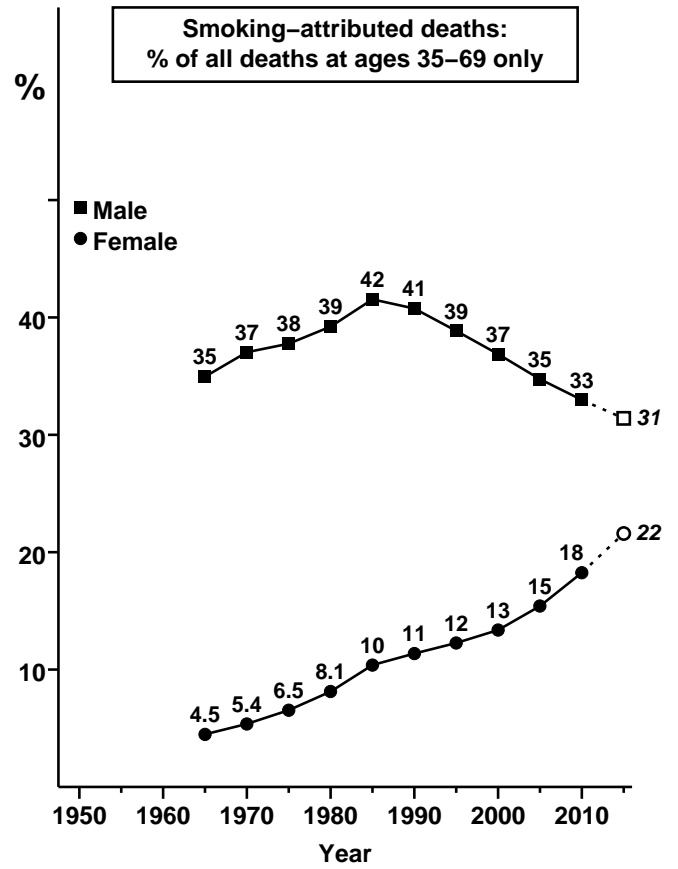
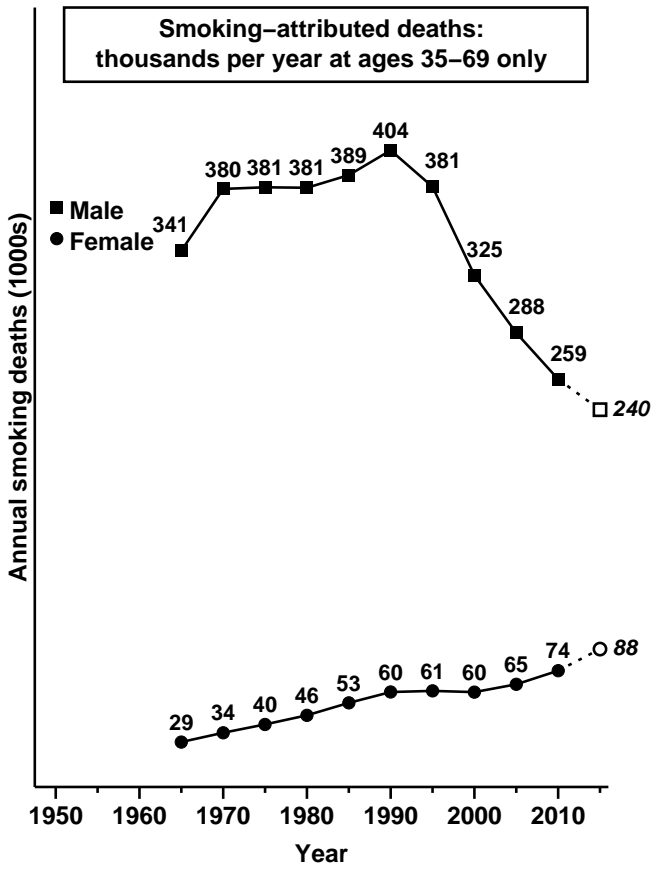
60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020*): 48 / 290M

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

1960–2020, by age & sex:

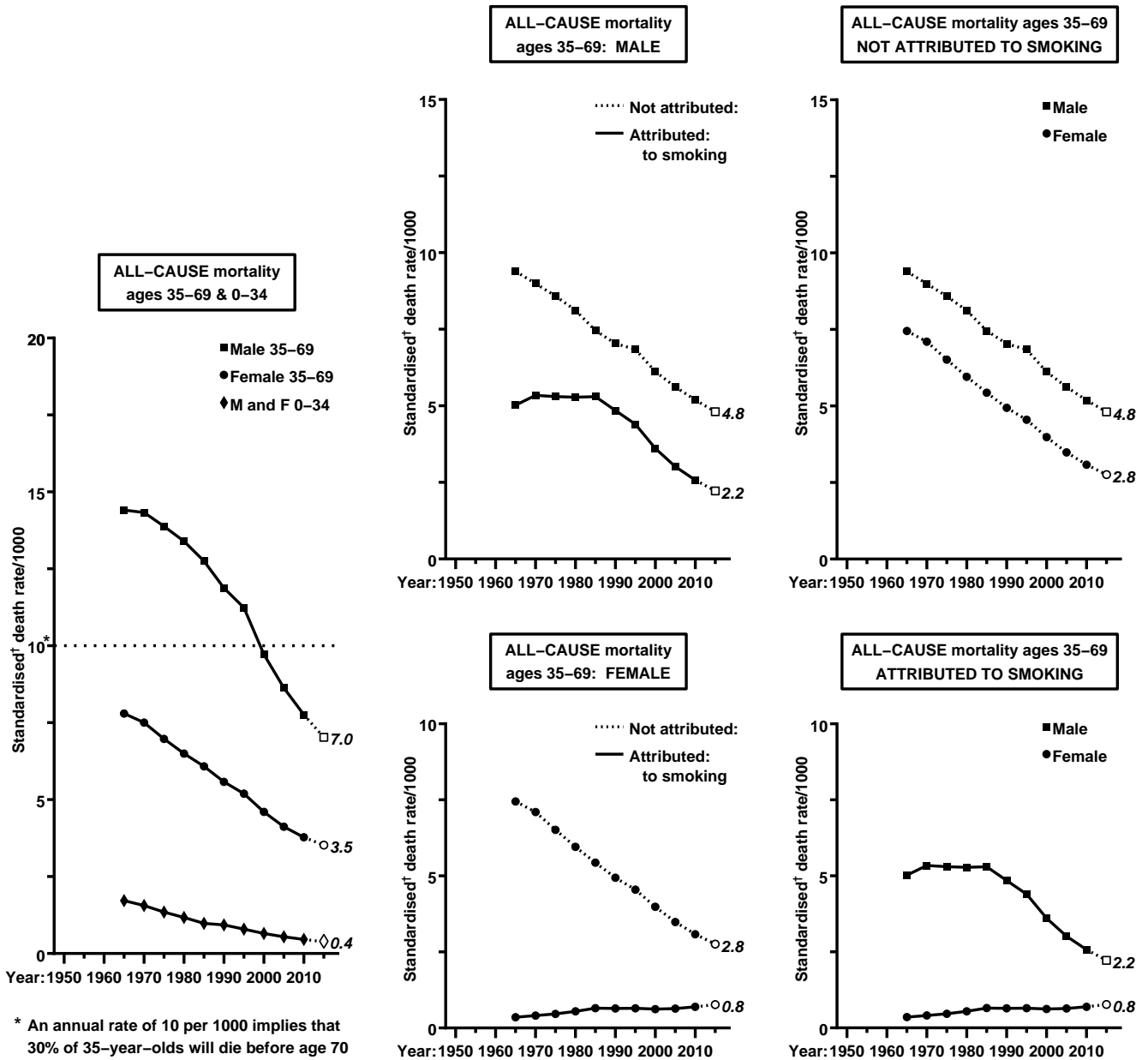
–/8.7M	20/55M	18/84M	38/147M	–/4.8M	3.4/31M	6.3/107M	9.7/143M
	(37%)	(22%)			(11%)	(6%)	

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



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

ALL-CAUSE mortality rates attributed and not attributed to smoking

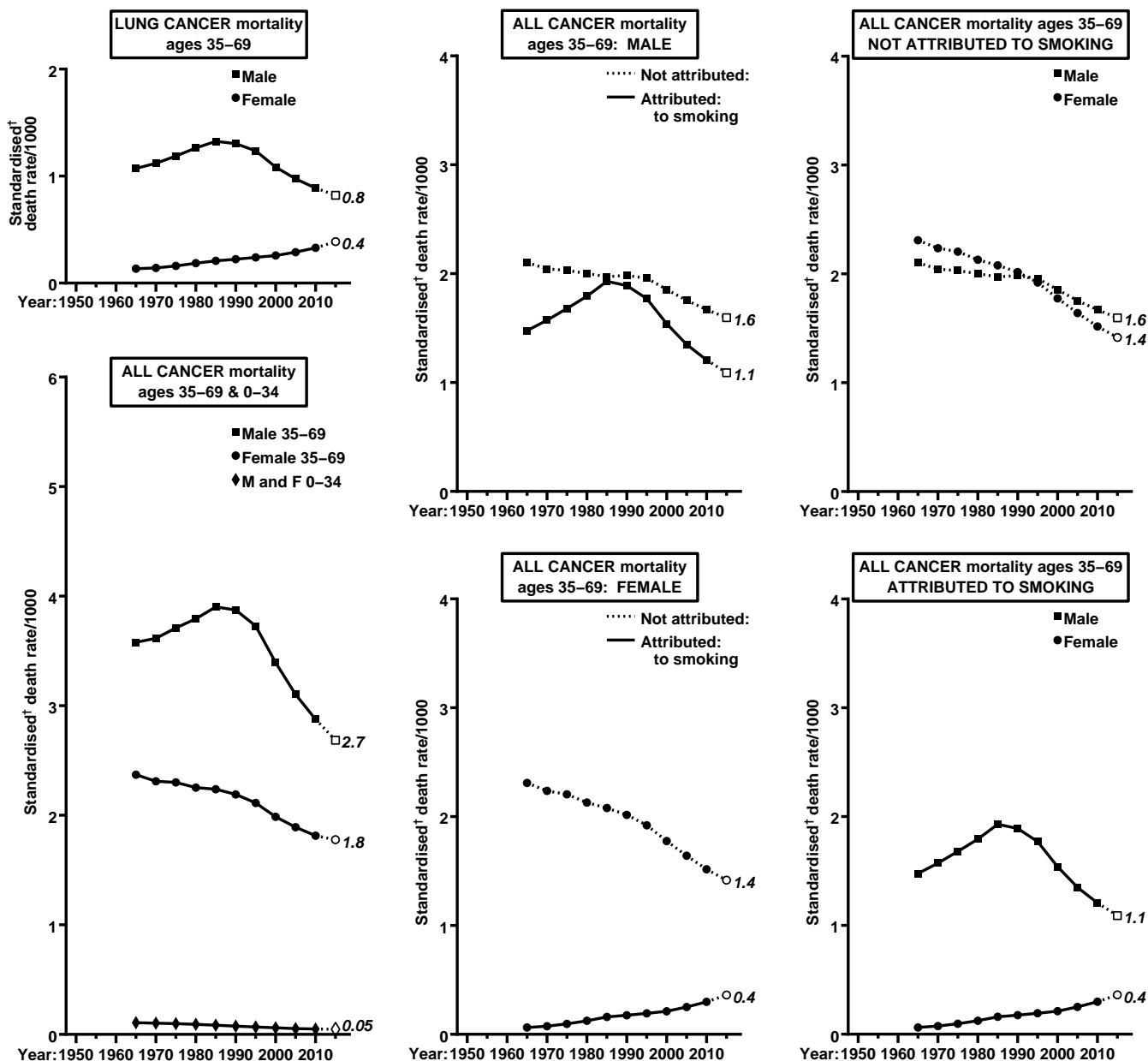


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)						
	0-34		35-69		70-79		0-34		35-69		70-79		
	Attributed to smoking?	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950
1955
1960
1965	-	2.06	5.02	9.39	13.2	63.9	-	1.37	0.35	7.45	1.02	52.5	
1970	-	1.91	5.34	8.99	17.7	60.5	-	1.21	0.40	7.10	1.22	50.5	
1975	-	1.67	5.30	8.58	19.5	58.0	-	1.02	0.46	6.51	1.55	46.8	
1980	-	1.48	5.28	8.11	19.2	54.2	-	0.85	0.54	5.95	1.82	42.1	
1985	-	1.26	5.30	7.45	18.1	51.0	-	0.70	0.65	5.43	2.20	38.2	
1990	-	1.23	4.84	7.03	17.1	45.2	-	0.63	0.64	4.94	2.74	33.4	
1995	-	1.06	4.39	6.84	16.0	41.8	-	0.52	0.65	4.55	3.02	30.2	
2000	-	0.86	3.60	6.11	13.3	37.6	-	0.44	0.62	3.98	2.80	26.6	
2005	-	0.72	3.01	5.62	11.4	33.9	-	0.36	0.64	3.48	2.63	23.4	
2010	-	0.60	2.57	5.19	9.38	29.7	-	0.31	0.69	3.08	2.49	20.2	
2015	-	0.52	2.22	4.80	7.87	26.4	-	0.27	0.77	2.75	2.47	17.5	

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



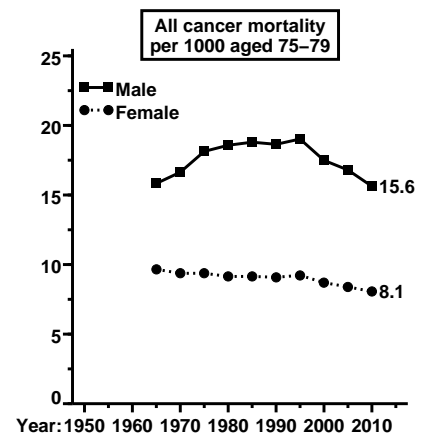
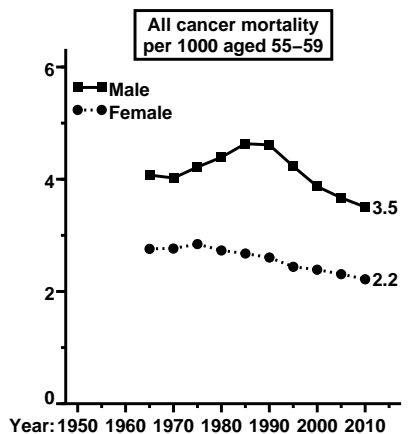
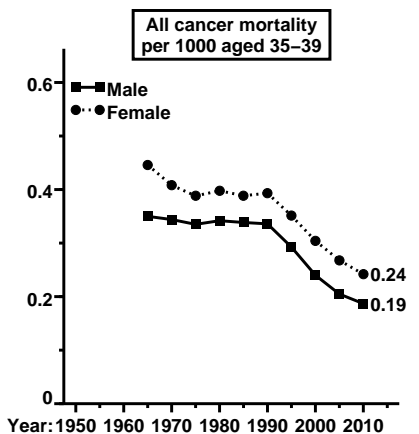
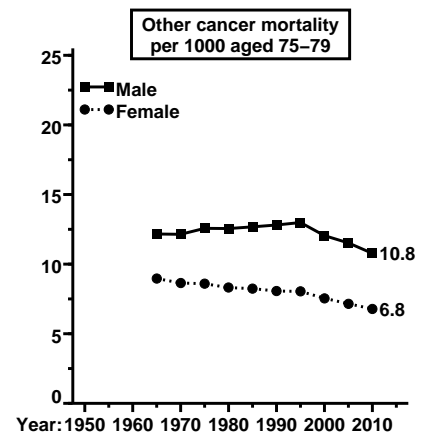
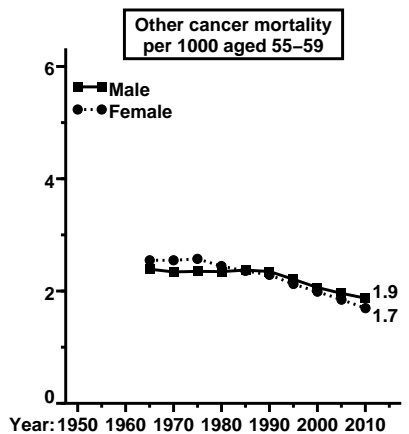
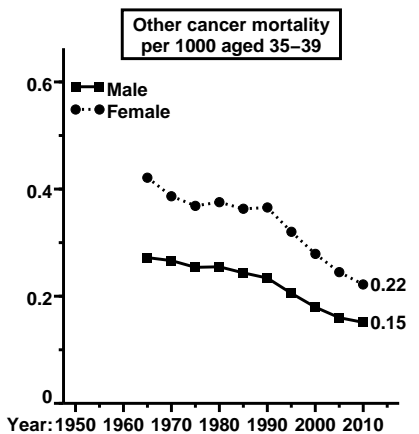
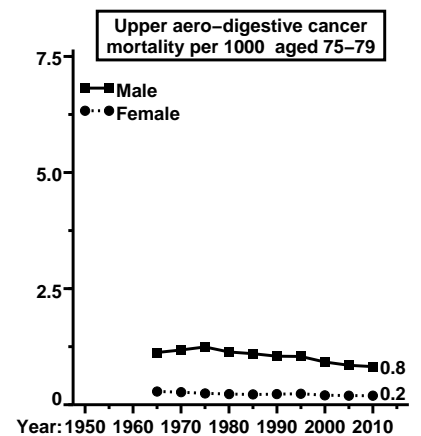
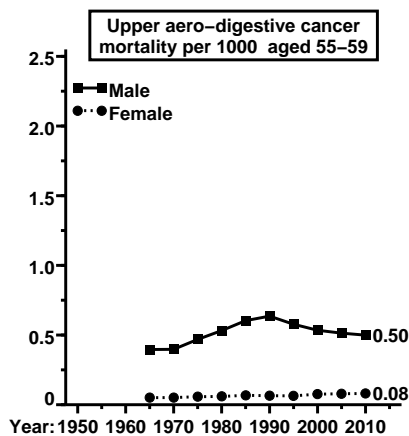
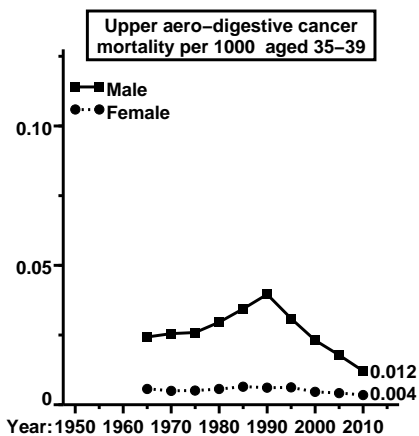
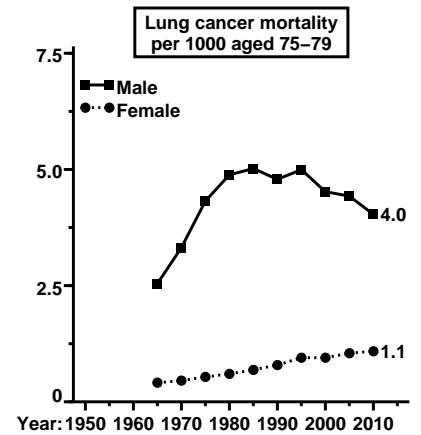
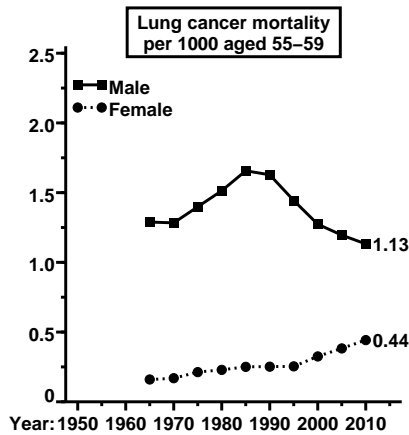
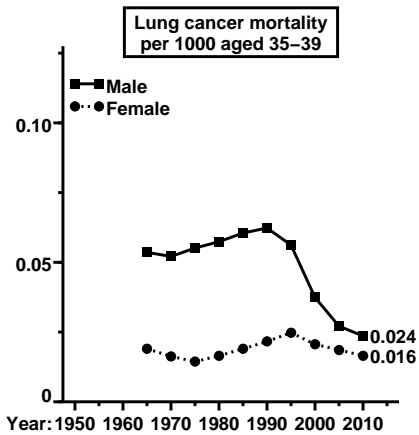
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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	-	0.08	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	-	0.05	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	-	0.05	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	-	0.04	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

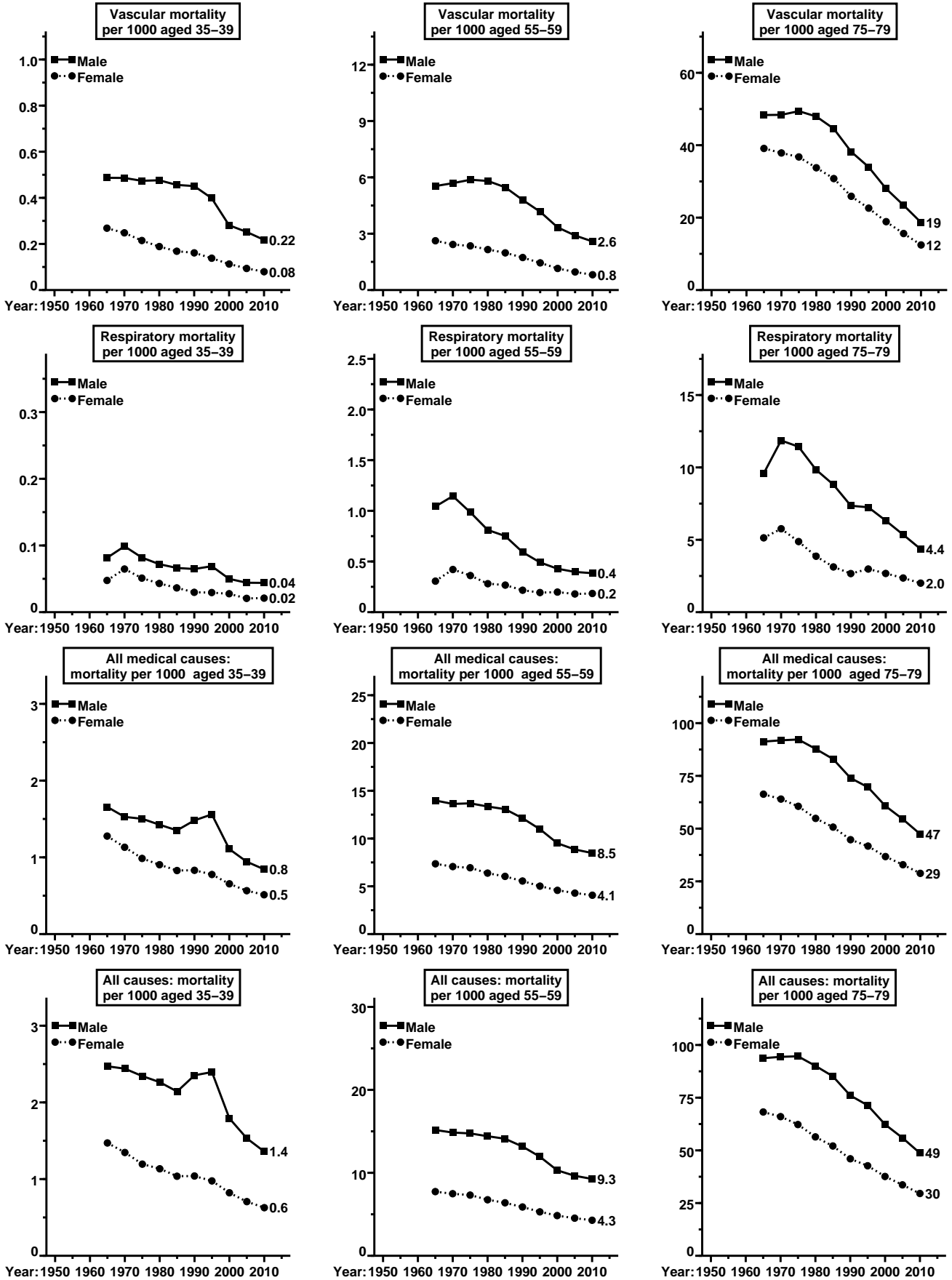
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* 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