

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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GERMANY

Raw data (pages 210–11)

Analyses (pages 212–13, 214–15, 216–17)

Appendix (pages 218–19)

(revised September 2015)

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	0.2
	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:			M=male		39412	15062	19510	1715	1843	2025	2154	2471	2526	2329
(1000s; UN, 2015 revision)			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	F	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	23 years
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

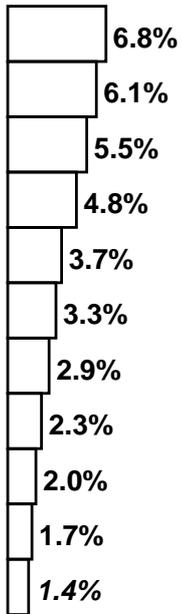
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	12/13	14/16	26/29	–/0.0	4.8/6.5	4.9/7.2	9.7/14
All Cancer	–/0.7	17/45 (38%)	21/73 (29%)	38/118	–/0.6	6.0/33 (18%)	6.4/67 (10%)	12/101
Vascular	–/0.5	11/32	18/116	28/149	–/0.3	3.6/12	15/190	19/203
Respiratory	–/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%)

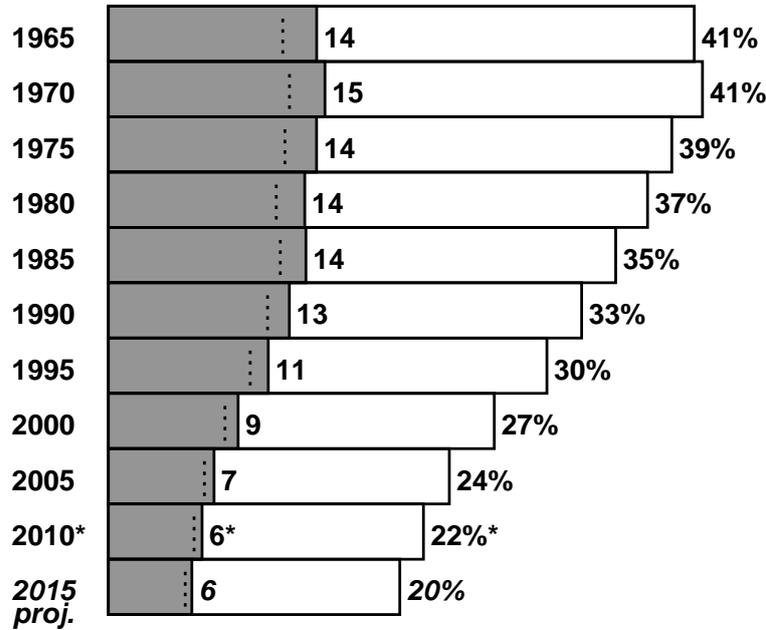
1965-2015: GERMANY

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)

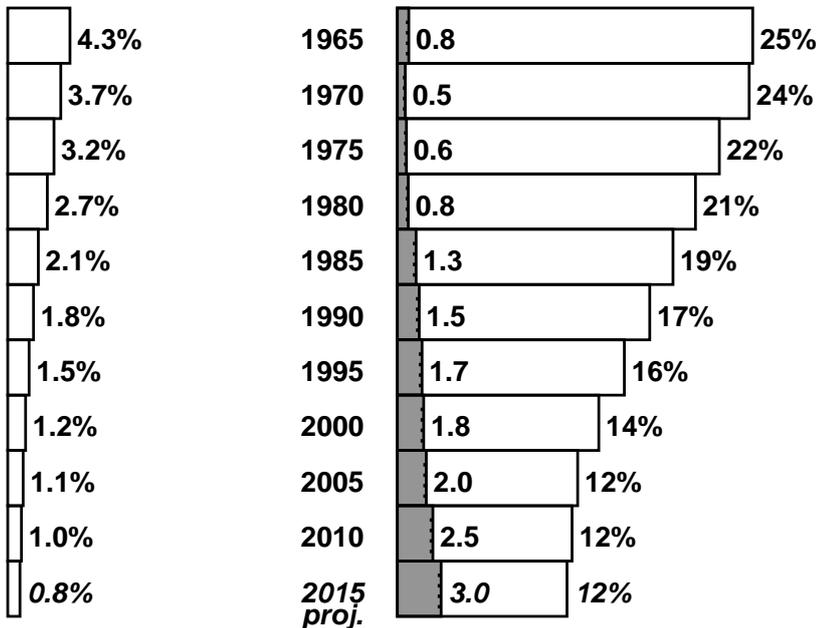
MALE



*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	23 years
70+	53 / 301	36 / 380	7 years
All ages	86 / 423	52 / 449	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	–/42	68/191 (36%)	36/221 (16%)	104/455	–/26	4.5/140 (3%)	4.4/279 (2%)	8.8/445
1975	–/30	64/176 (36%)	68/263 (26%)	132/468	–/16	3.6/126 (3%)	5.1/351 (1%)	8.7/493
1985	–/21	56/144 (39%)	66/267 (25%)	122/431	–/10	6.1/92 (7%)	11/390 (3%)	17/492
1995	–/16	59/163 (36%)	54/229 (24%)	113/408	–/7.4	9.0/83 (11%)	24/383 (6%)	33/473
2005	–/8.9	43/139 (31%)	51/241 (21%)	93/389	–/4.4	11/71 (16%)	27/365 (7%)	39/441
2015 <i>proj.</i>	–/6.4	33/116 (28%)	53/301 (18%)	86/423	–/3.4	17/65 (26%)	36/380 (9%)	52/449

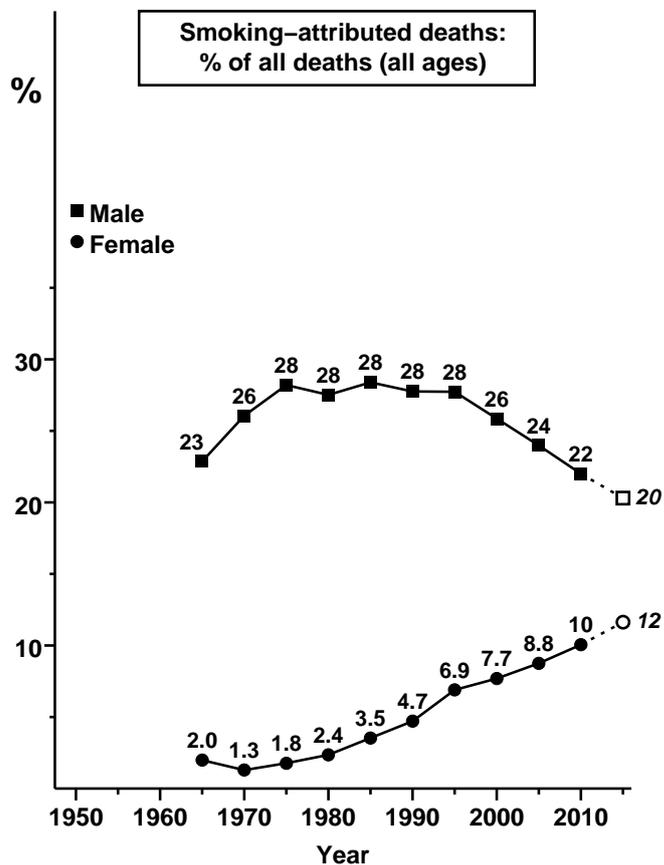
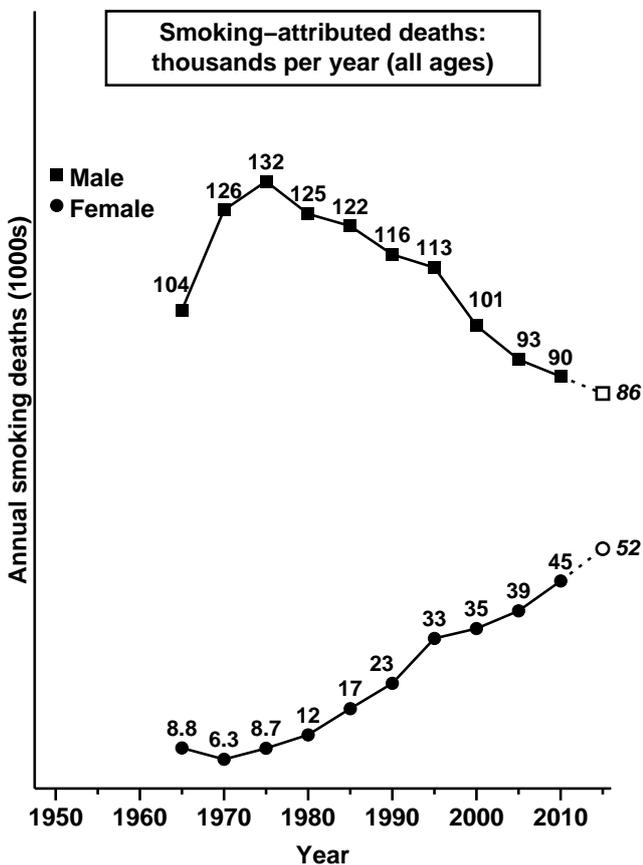
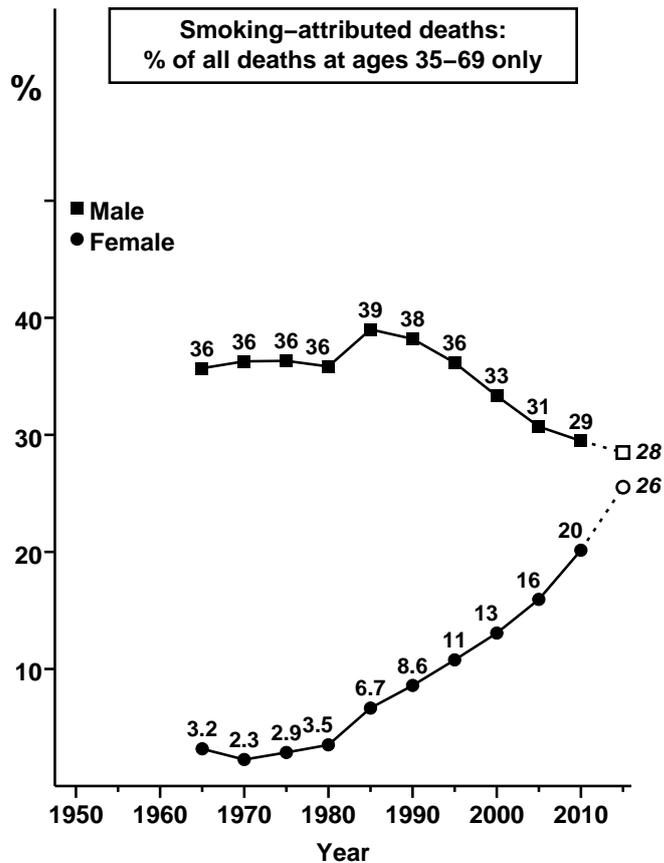
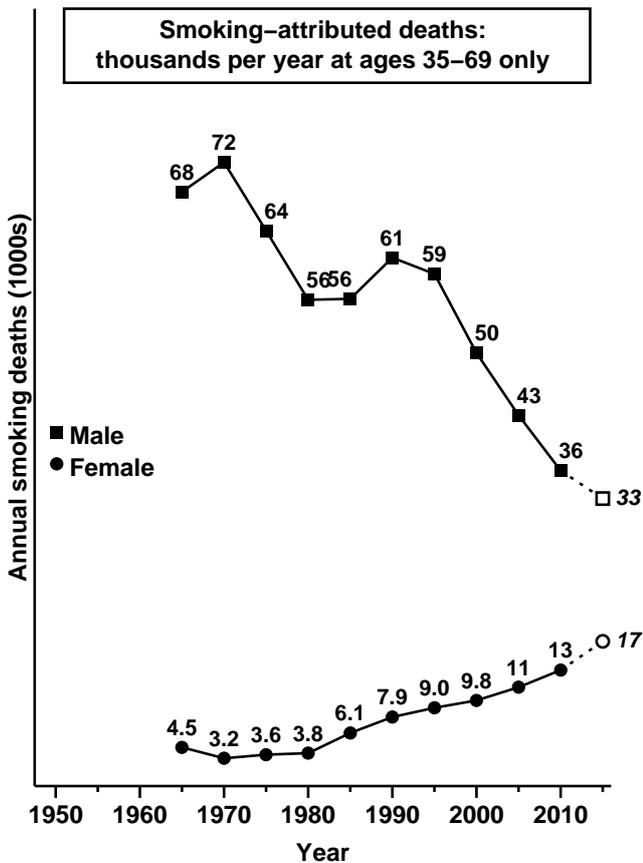
60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020*): 8.1 / 54M

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

1960–2020, by age & sex:

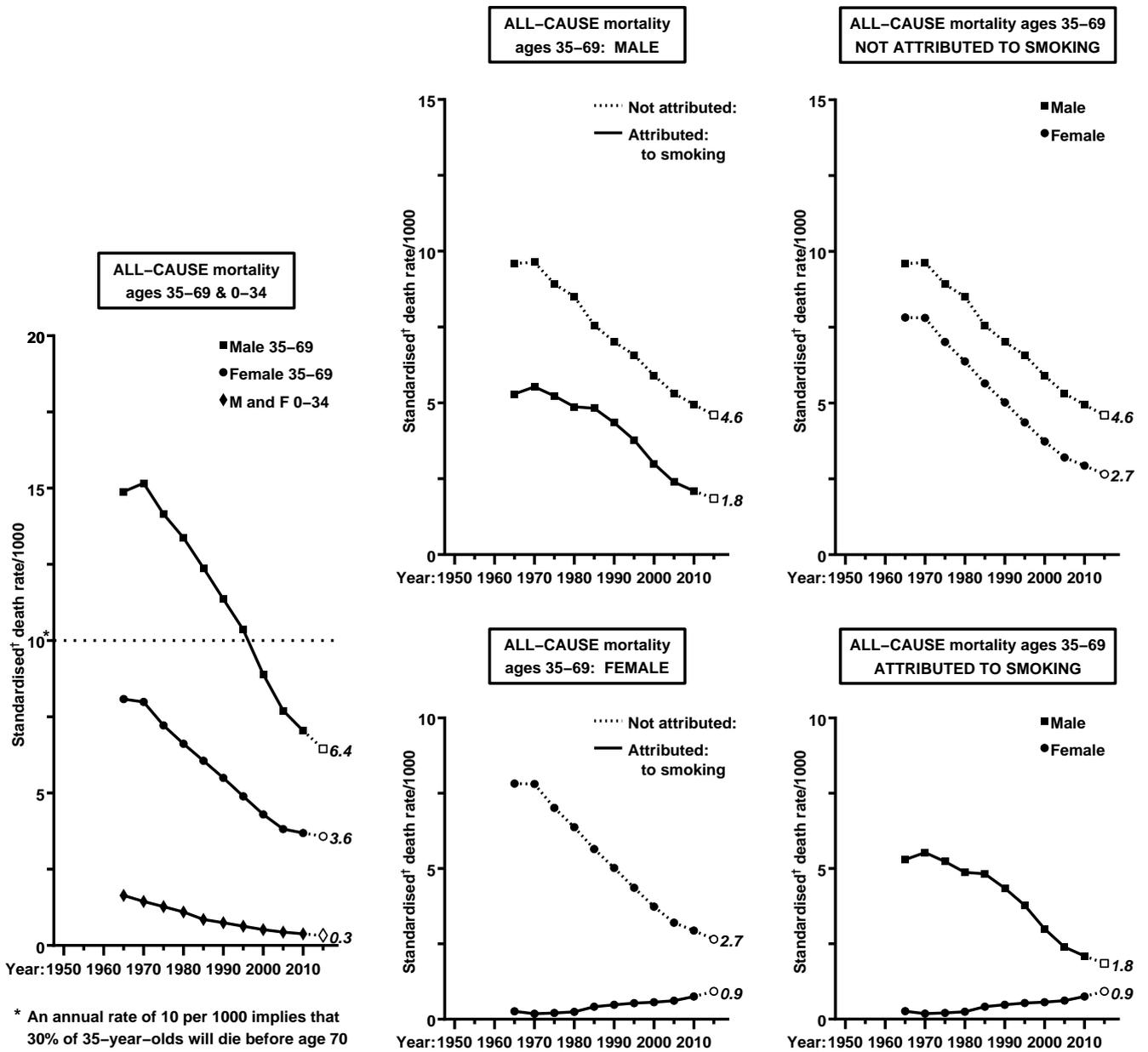
–/1.2M	3.2/9.3M (35%)	3.3/15M (22%)	6.5/26M	–/0.7M	0.5/5.8M (9%)	1.1/21M (5%)	1.6/28M
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1965-2015: GERMANY



GERMANY: 1965-2015

ALL-CAUSE mortality rates attributed and not attributed to smoking

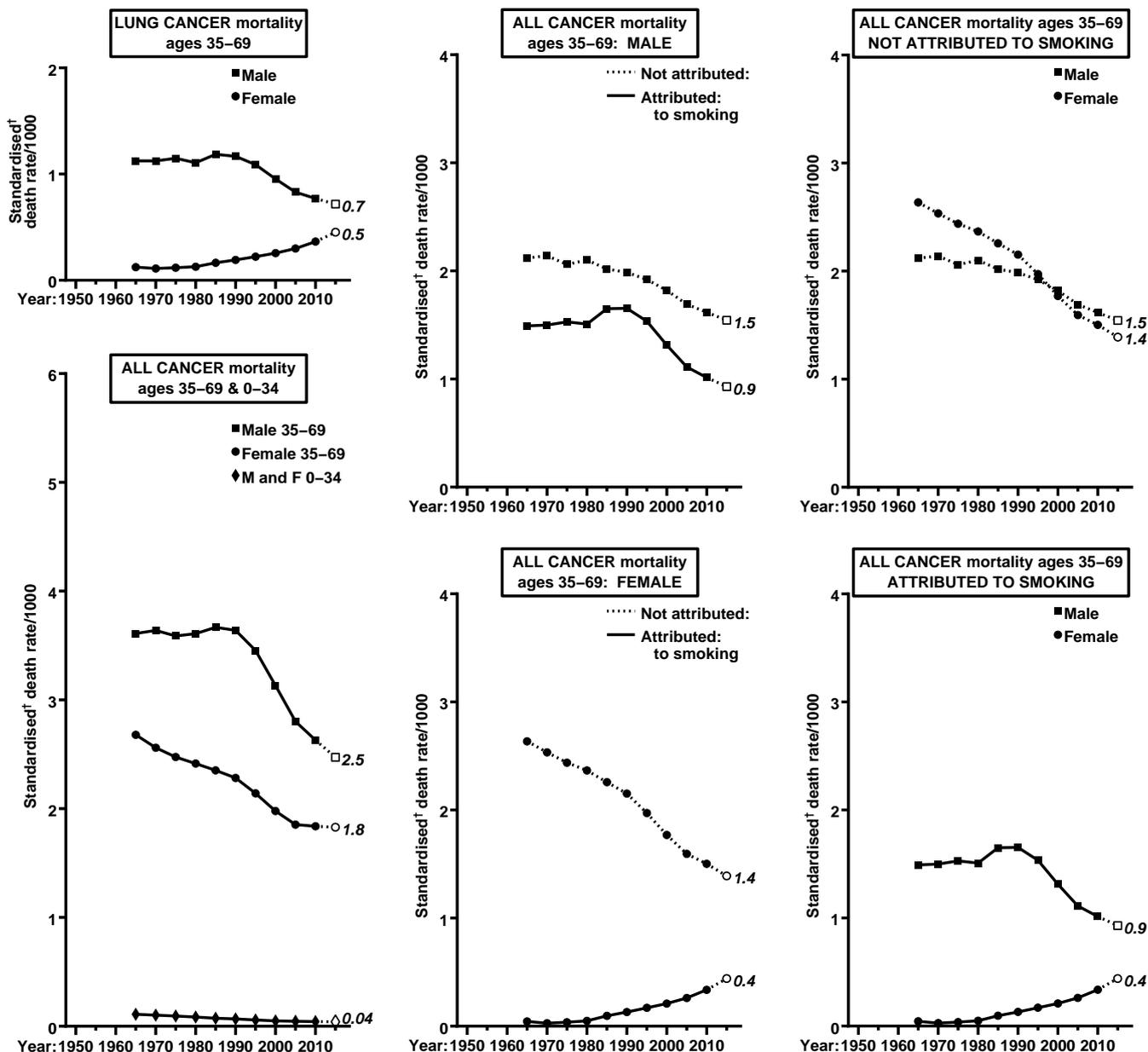


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
	0-34		35-69		70-79		0-34		35-69		70-79	
	Attributed to smoking?		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950
1955
1960
1965	-	2.01	5.29	9.59	14.7	65.5	-	1.26	0.26	7.82	1.02	56.0
1970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



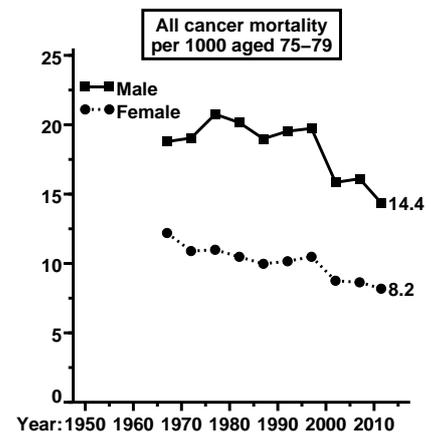
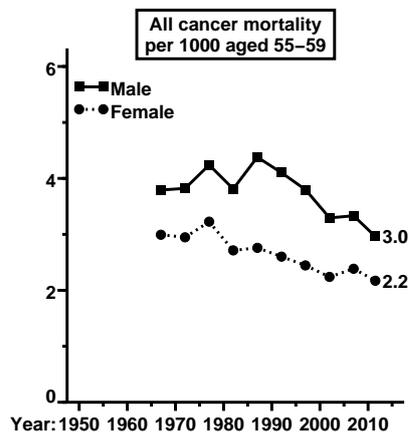
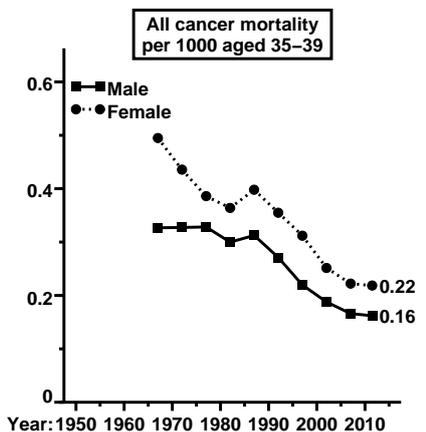
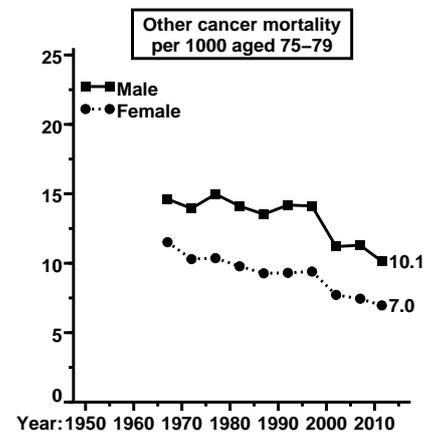
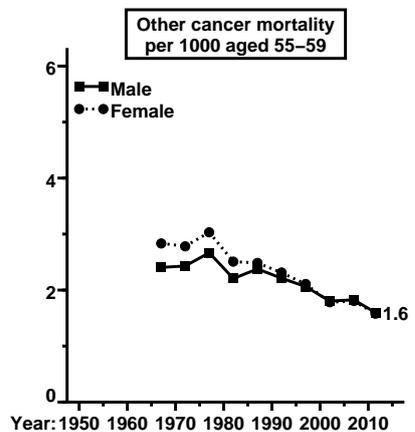
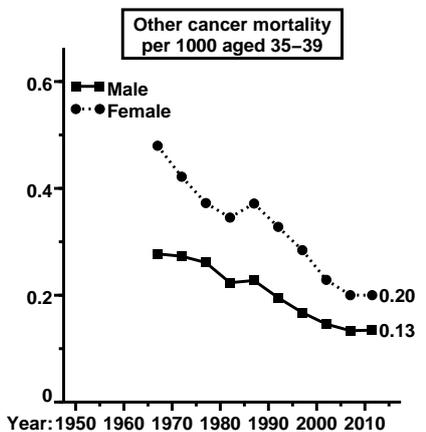
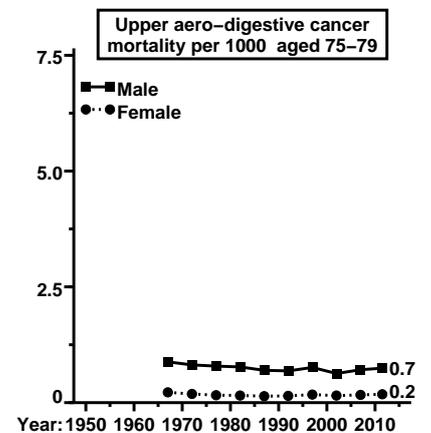
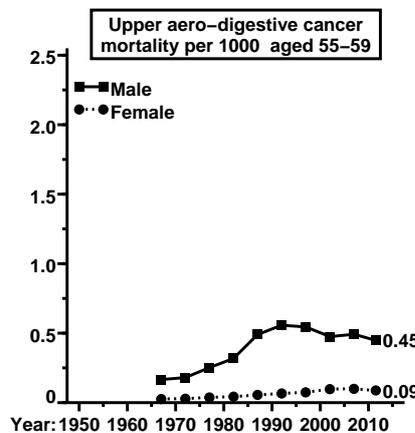
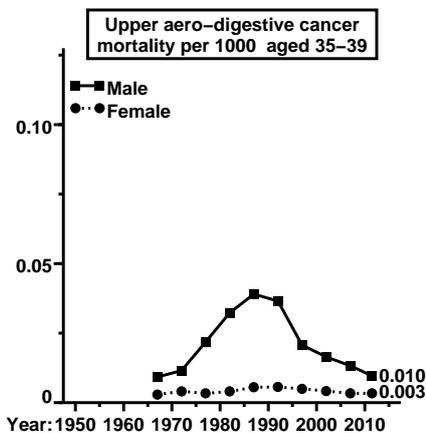
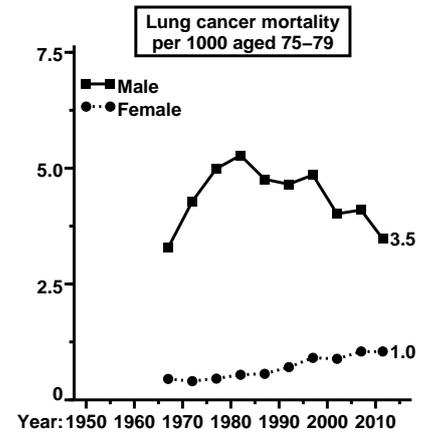
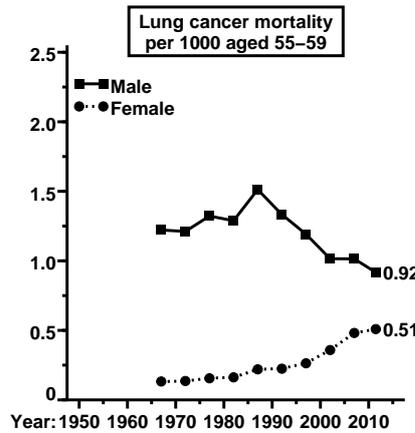
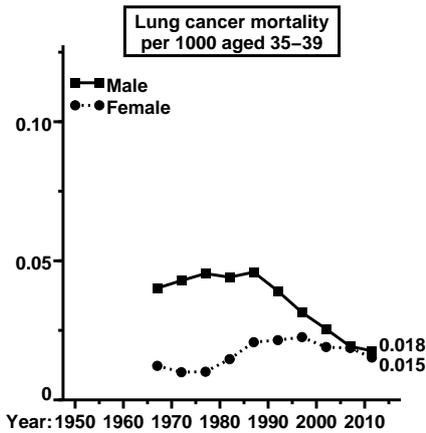
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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?	Yes	No	Yes	No	Yes	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

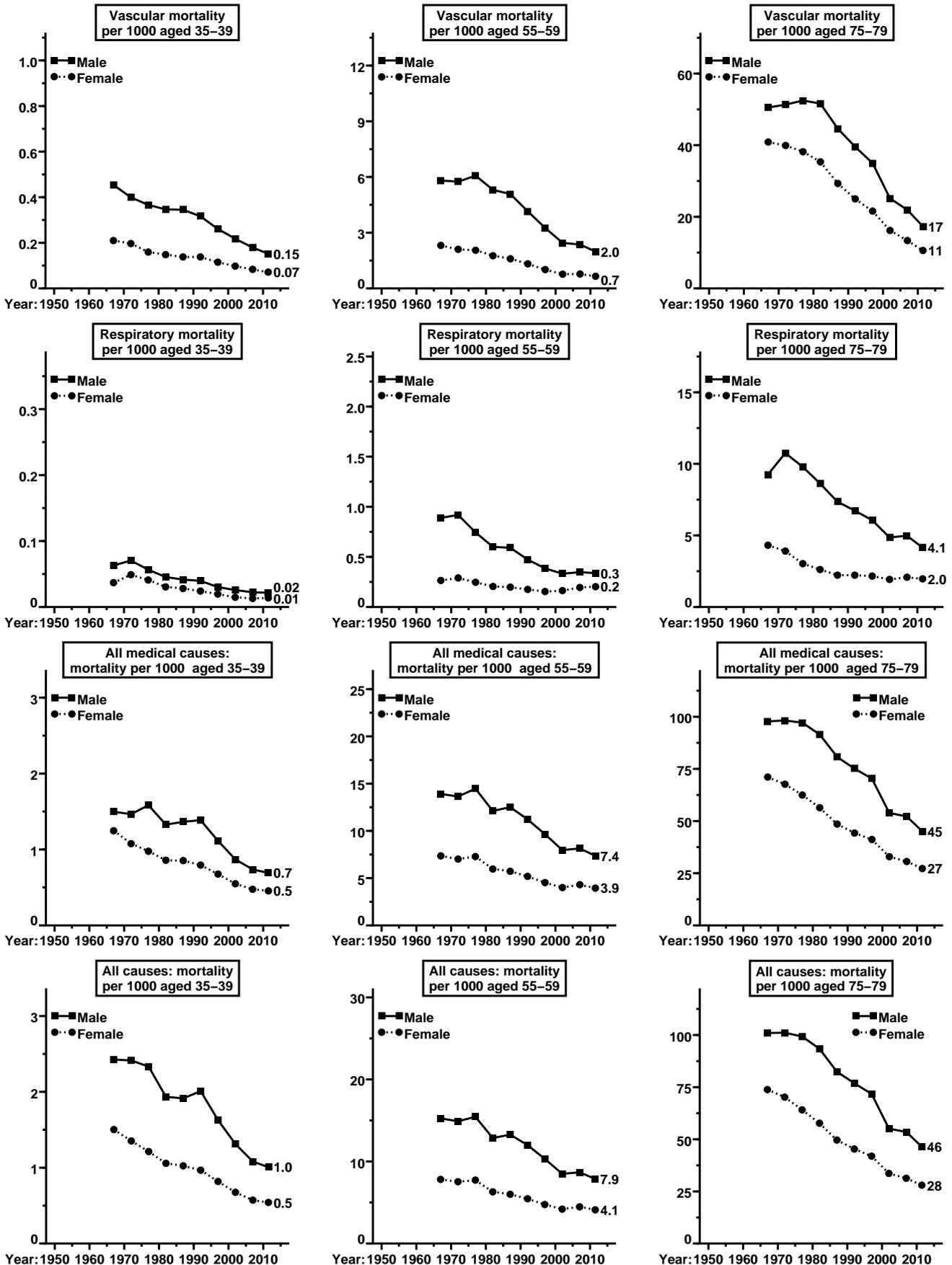
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* 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