

# **MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020**

(see also [www.deathsfromsmoking.net](http://www.deathsfromsmoking.net))

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## **UNITED KINGDOM**

**Raw data** (pages 466–67)

**Analyses** (pages 468–69, 470–71, 472–73)

**Appendix** (pages 474–75)

(revised September 2015)

## 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	0.5	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, O00-O99
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**

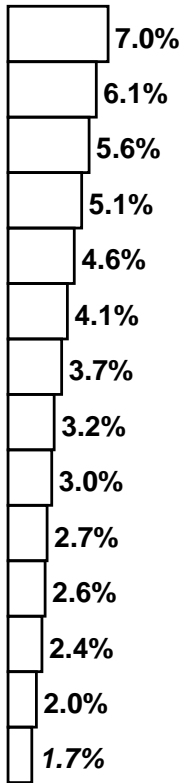
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0.0	6.1/7.1	11/12	17/20	–/0.0	4.3/5.5	8.7/10	13/16
All Cancer	–/0.7	9.0/28 (33%)	17/55 (31%)	26/83	–/0.6	5.4/25 (22%)	12/50 (24%)	17/75
Vascular	–/0.5	5.5/21	10/64	16/85	–/0.3	3.0/8.7	16/80	19/89
Respiratory	–/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%)

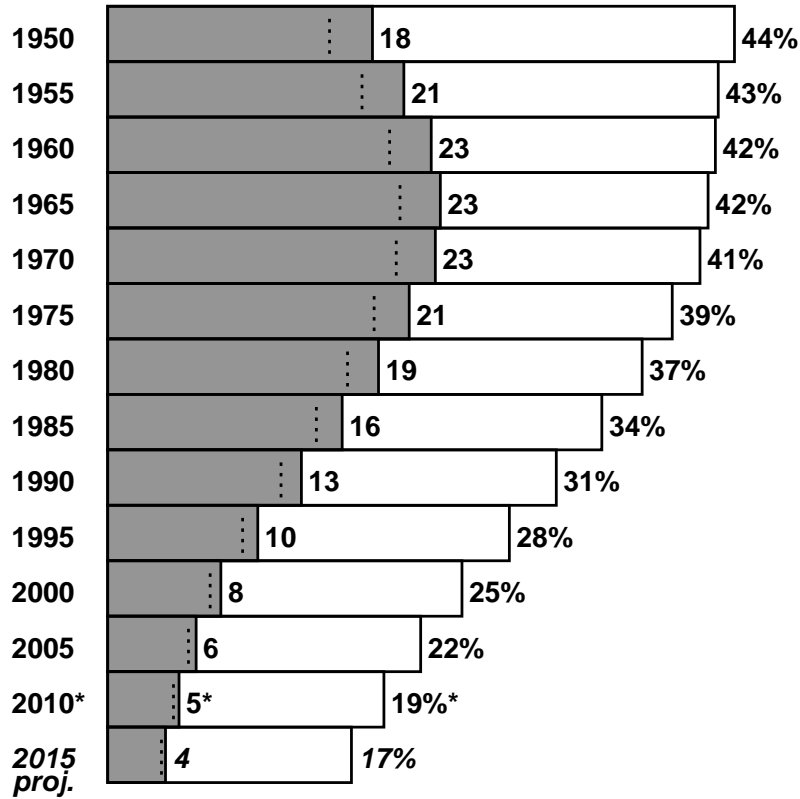
1950-2015: UNITED KINGDOM

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)

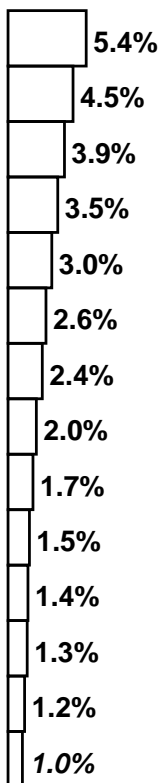
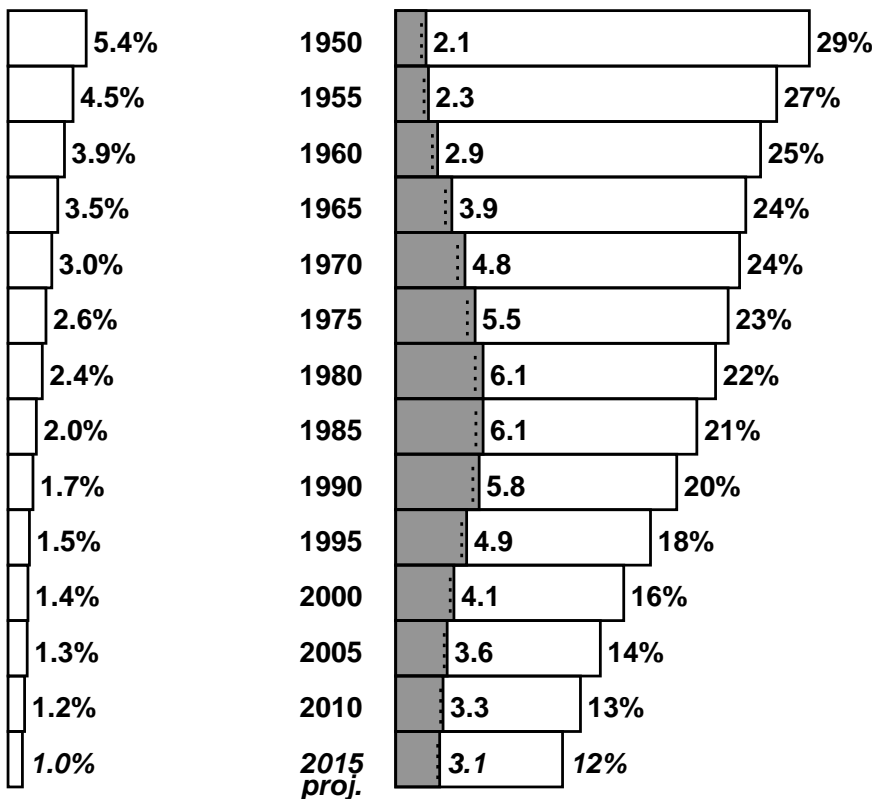
MALE



\*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

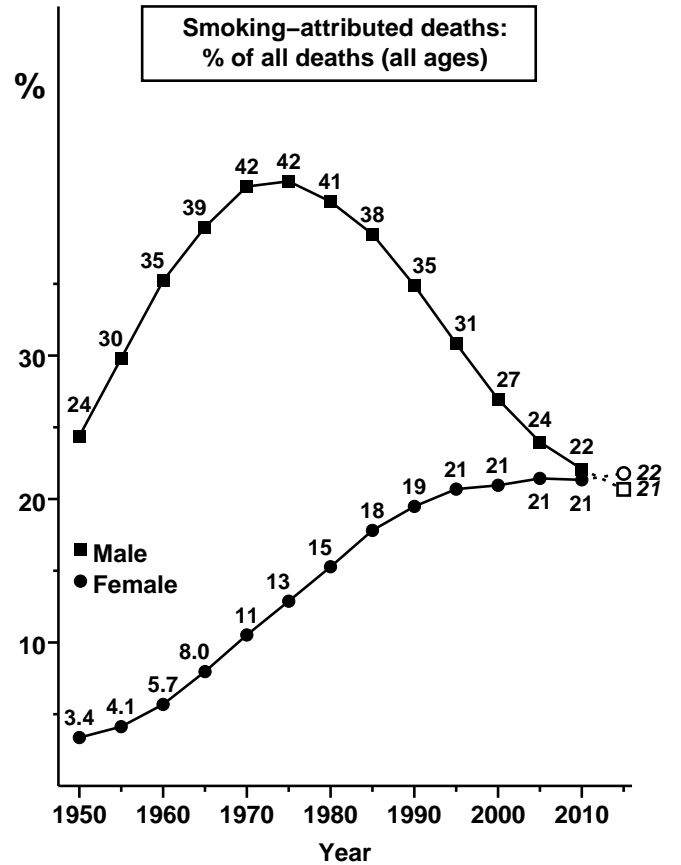
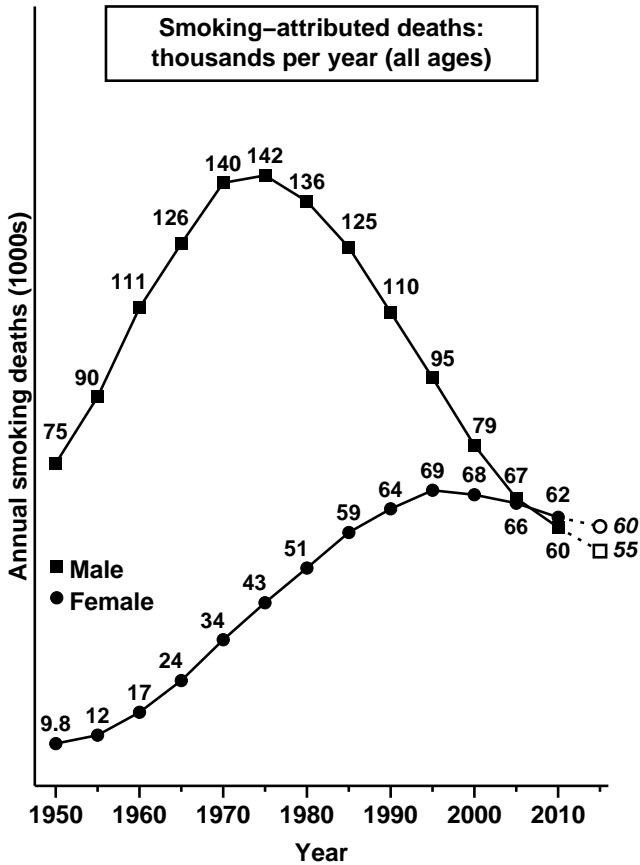
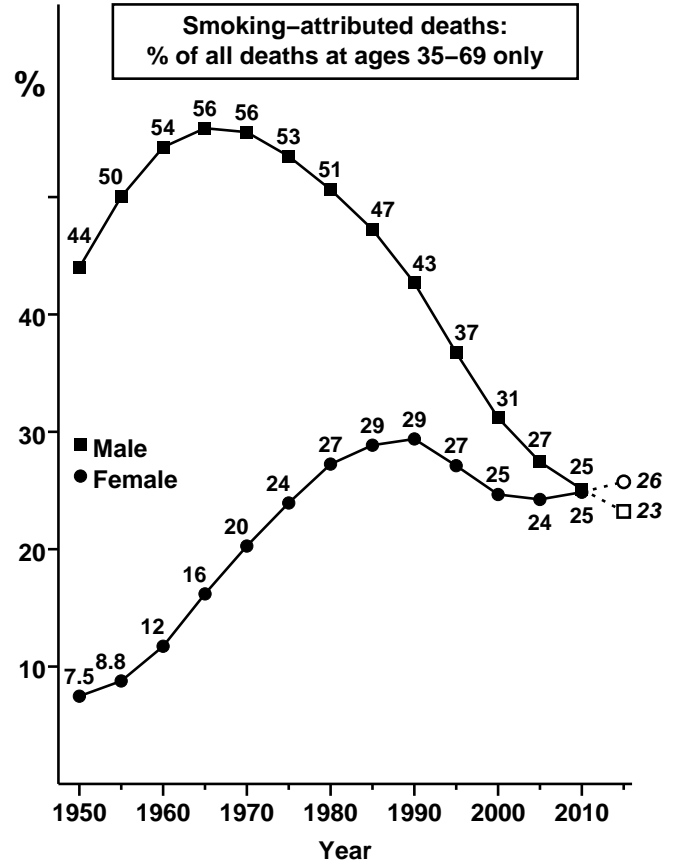
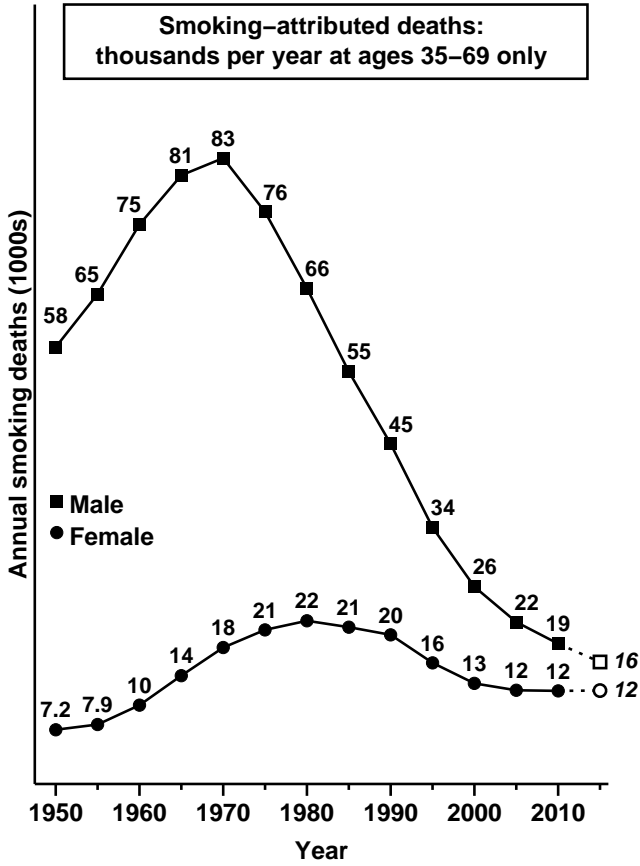
**60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020\*): 9.3 / 37M**

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

**1960–2020, by age & sex:**

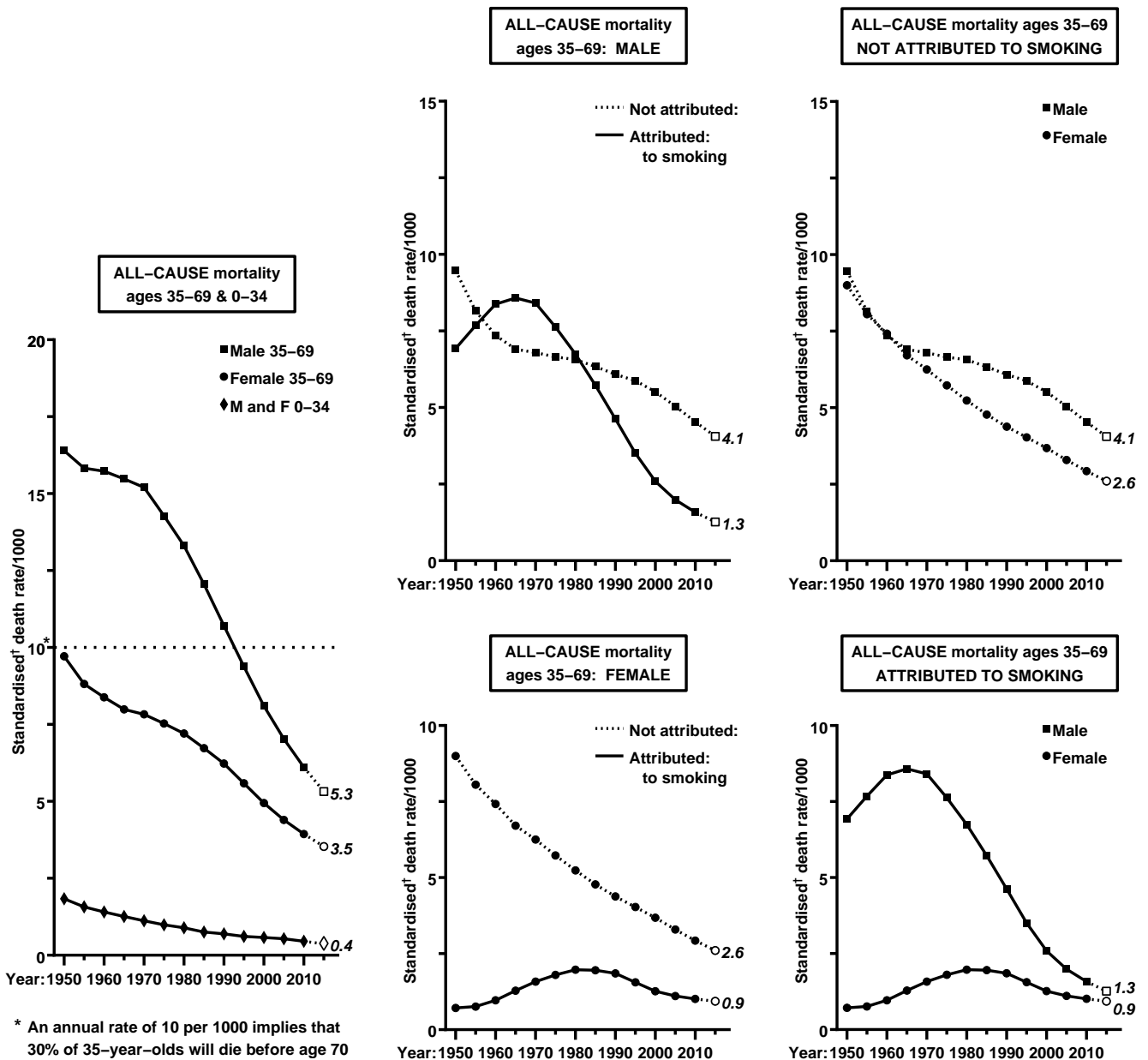
–/0.8M	2.8/6.5M	3.3/11M	6.1/18M	–/0.5M	1.0/4.1M	2.2/14M	3.2/19M
	<b>(44%)</b>	<b>(29%)</b>			<b>(24%)</b>	<b>(16%)</b>	

1950-2015: UNITED KINGDOM



**UNITED KINGDOM: 1950-2015**

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



\* 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)

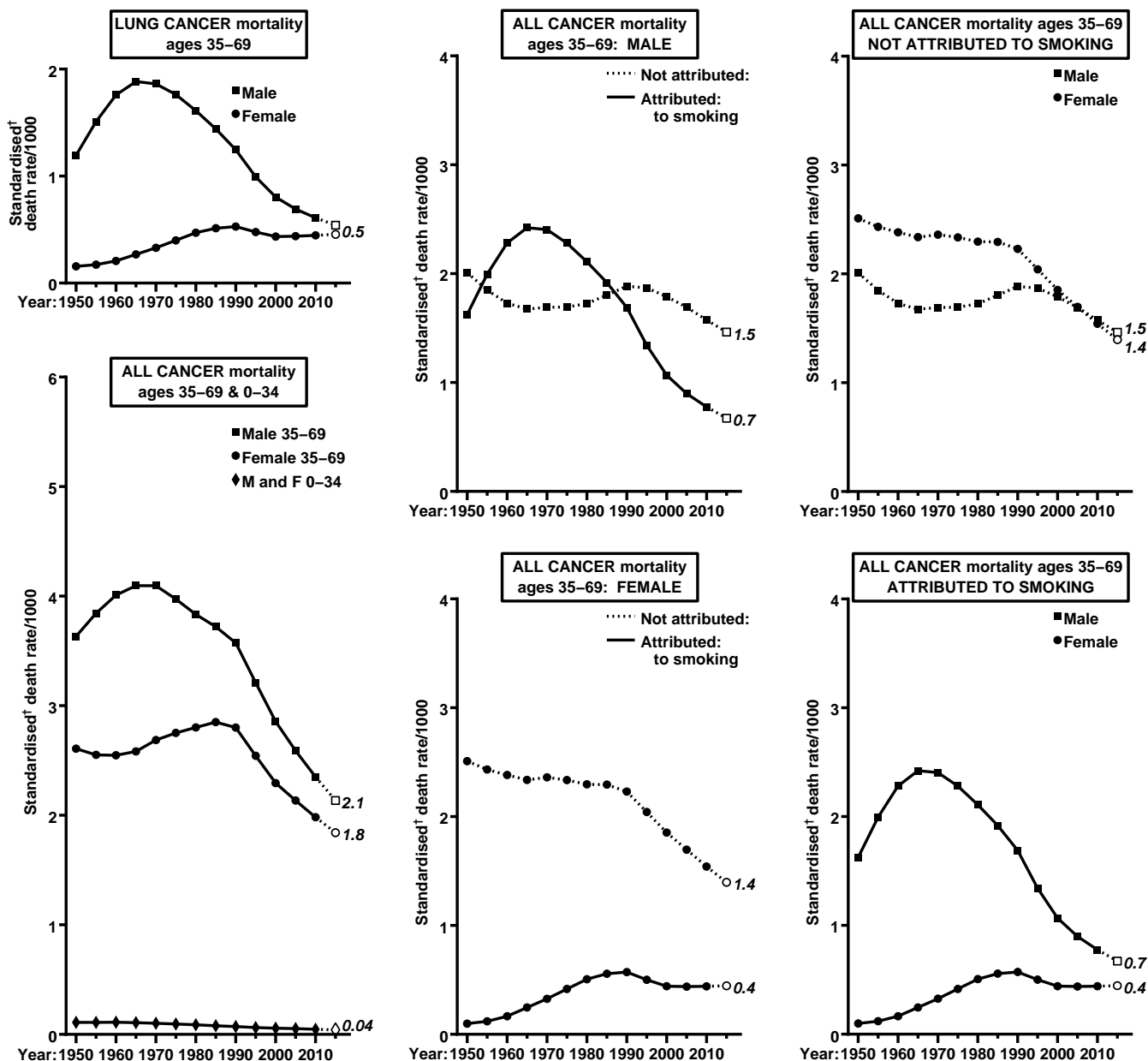
Year	MALE all-cause mortality (annual rate/1000, by age)								FEMALE all-cause mortality (annual rate/1000, by age)							
	Attributed to smoking?		0-34		35-69		70-79		Attributed to smoking?		0-34		35-69		70-79	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	-	2.06	6.92	9.47	11.1	76.9	-	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



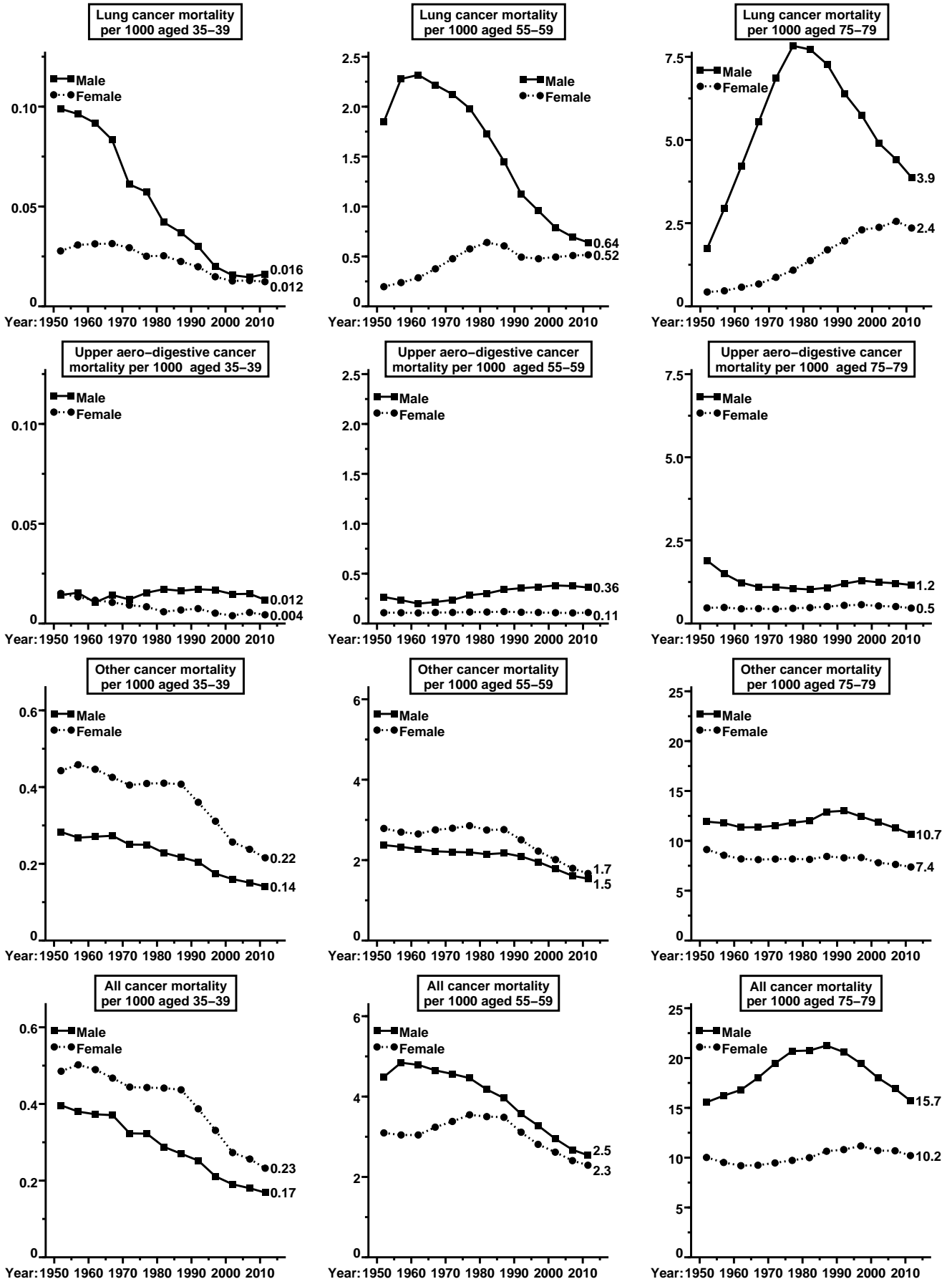
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		
1955	-	0.12	1.99	1.85	3.69	10.6	-	0.10	0.12	2.43	0.18	8.30		
1960	-	0.12	2.28	1.73	5.35	9.70	-	0.10	0.17	2.38	0.29	7.99		
1965	-	0.12	2.42	1.67	6.67	9.13	-	0.10	0.25	2.34	0.45	7.69		
1970	-	0.11	2.40	1.69	8.43	8.91	-	0.09	0.33	2.36	0.67	7.70		
1975	-	0.10	2.28	1.69	9.27	8.81	-	0.09	0.42	2.33	0.93	7.62		
1980	-	0.09	2.11	1.72	9.31	8.84	-	0.08	0.51	2.30	1.28	7.50		
1985	-	0.08	1.92	1.80	9.07	9.49	-	0.08	0.56	2.29	1.76	7.67		
1990	-	0.07	1.69	1.88	8.28	10.0	-	0.07	0.57	2.23	2.12	7.67		
1995	-	0.06	1.34	1.87	7.21	9.92	-	0.06	0.50	2.04	2.42	7.42		
2000	-	0.06	1.07	1.79	6.14	9.75	-	0.05	0.44	1.85	2.51	7.14		
2005	-	0.05	0.90	1.69	5.13	9.45	-	0.05	0.44	1.70	2.45	6.77		
2010	-	0.05	0.78	1.57	4.53	9.04	-	0.05	0.44	1.54	2.43	6.49		
2015	-	0.04	0.67	1.46	4.00	8.63	-	0.04	0.45	1.40	2.42	6.21		

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**

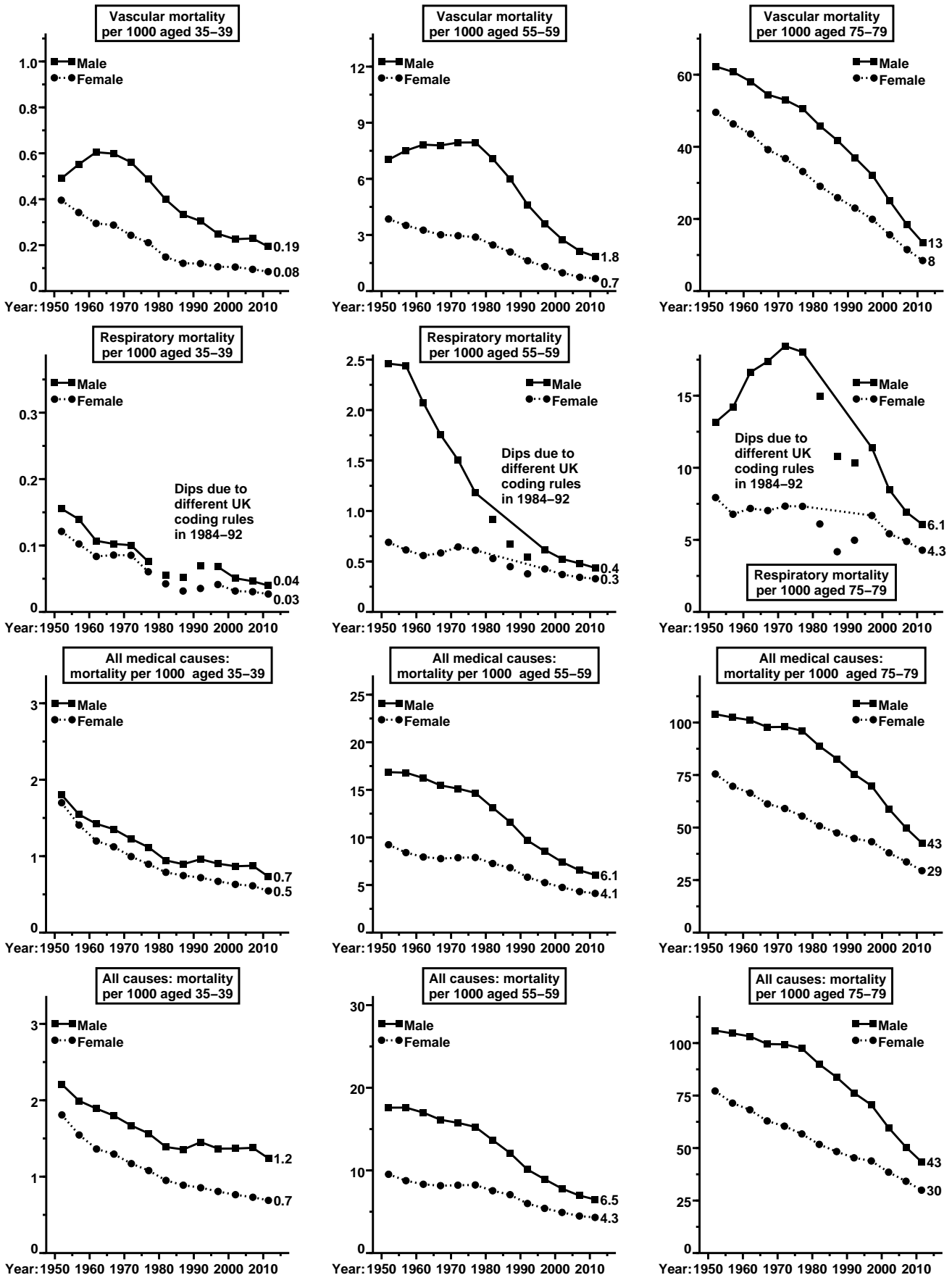
**Mortality\* trends at selected ages: 35–39, 55–59 & 75–79**



\* 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