

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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JAPAN

Raw data (pages 260–61)

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(revised September 2015)

JAPAN: 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 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
Tuberculosis	M 2190	7	284	1.8	0.0	0.9	-	-	-	-	0.0	0.0	0.1
	F 1449	-	88	0.7	-	0.3	-	-	-	-	-	-	-
Other infective and parasitic	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
ALL CANCER	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
Mouth and pharynx cancer	M 4840	23	2162	4.8	0.1	7.3	-	-	-	-	0.1	0.2	0.3
Oesophagus cancer	M 1962	28	452	1.3	0.1	1.5	-	-	-	0.0	0.1	0.2	0.4
	F 9992	7	4496	9.6	0.0	15.1	-	-	-	-	0.0	-	0.1
	F 1875	1	611	1.3	-	2.0	-	-	-	-	-	-	0.0
Stomach cancer	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
Colorectal cancer	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
Liver cancer	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
Pancreas cancer	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
Larynx cancer	M 916	-	277	0.8	-	0.9	-	-	-	-	-	-	-
	F 86	-	22	0.1	-	0.1	-	-	-	-	-	-	-
Lung cancer	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
Malignant melanoma	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	0.0	0.2
Female breast cancer	F 12455	99	7439	12.5	0.3	24.2	-	-	-	-	0.0	0.5	1.9
Cervix cancer	F 2664	86	1468	2.8	0.3	4.8	-	-	-	-	-	0.4	1.7
Other uterine cancer	F 3266	21	1456	2.8	0.1	4.7	-	-	-	-	0.0	0.1	0.4
Ovarian cancer	F 4758	47	2573	4.5	0.2	8.4	-	0.0	-	0.1	0.3	0.3	0.6
Prostate cancer	M 10722	4	1226	8.6	0.0	4.2	-	-	-	-	0.0	0.1	-
Bladder cancer	M 4719	1	871	3.9	0.0	2.9	0.0	-	-	-	-	-	-
	F 2085	1	226	1.1	-	0.7	-	-	0.0	-	-	-	-
Other and ill-defined cancer sites	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
Hodgkin's disease	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	-
Myeloma and non- Hodgkin lymphomas	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
Leukaemia	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
Diabetes	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
ALL VASCULAR DISEASE	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
Rheumatic heart disease and fever	M 748	3	103	0.6	0.0	0.3	0.0	-	-	-	0.0	0.0	-
	F 1687	-	109	0.8	-	0.3	-	-	-	-	-	-	-
Hypertensive disease	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
Ischaemic heart disease	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
Pulmonary embolism and other venous	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
Cerebrovascular disease	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
Other vascular disease	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
Chronic obstructive pulmonary disease	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
Other respiratory disease	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
Peptic ulcer	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	0.0	-
Liver cirrhosis	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
Renal disease	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
Pregnancy, birth Congenital and perinatal causes	F 49	25	21	0.1	0.1	0.1	-	-	-	-	-	0.2	0.5
	M 1485	1056	200	3.4	5.3	0.7	33.9	0.5	0.4	0.7	0.7	0.8	0.4
Ill-defined causes	M 1348	848	192	2.9	4.5	0.6	29.6	0.5	0.3	0.4	0.3	0.3	0.4
	F 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
Other medical causes	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
ALL NON- MEDICAL CAUSES	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
Road traffic accidents	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
Fire	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
Suicide	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
POPULATION: (1000s; UN, 2015 revision)	M=male	62018	23283	30175	2767	2868	3038	3100	3483	3796	4230		
	F=female	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	Tuberculosis	010–018, 137/ A15–A19, B90
0.2	0.1	0.3	0.5	1.4	1.7	2.5	5.6	11.8	51.5	M	Other infective and parasitic	Rest of 001–139, 279, 58/6/ rest of A00–B99 excl A33, A34
0.0	0.1	0.1	0.2	0.2	0.3	1.2	2.4	6.4	19.9	F		
1.2	2.0	4.1	7.5	11.5	16.8	26.0	40.2	76.9	153.4	M		
0.7	0.8	1.5	2.8	4.8	8.3	14.8	28.8	56.3	132.0	F		
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 pharynx cancer	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	Oesophagus cancer	150/C15
0.2	0.8	2.6	7.2	17.3	30.1	47.5	54.3	64.6	75.2	M		
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 cancer sites	Rest of 140–199/ rest of C00–C80, C97
2.0	3.1	5.6	10.2	16.8	24.9	39.5	60.3	98.8	227.0	F	Hodgkin's disease	201/C81
0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.6	0.5	0.8	M		
–	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– Hodgkin lymphomas	200, 202–203/ C82–C90, C96
0.5	0.6	1.9	2.8	4.9	7.9	12.8	20.5	33.1	60.7	F		
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 DISEASE	390–459/I00–I99
7.5	12.0	21.0	34.3	44.6	73.8	125.5	241.3	354.8	2588.3	F		
0.0	0.1	0.0	0.1	0.3	0.6	1.3	2.3	4.9	16.1	M	Rheumatic heart disease and fever	390–398/I00–I09
0.1	0.4	0.6	1.0	2.3	3.5	4.7	6.4	13.2	51.8	F	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	M		
5.7	10.4	20.6	31.9	51.3	77.6	110.9	162.0	268.6	630.4	M	Ischaemic heart disease	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		
0.4	0.4	0.8	0.4	0.6	1.6	2.6	3.1	5.4	14.1	M	Pulmonary embolism and other venous	415.1, 451–453/ I26, I80–I82
0.5	0.7	0.8	0.9	1.0	1.2	2.0	3.4	6.4	15.5	F		
6.5	14.0	21.9	33.9	54.0	75.5	115.1	199.8	389.9	1086.0	M	Cerebrovascular disease	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		
7.2	11.4	18.4	27.9	43.9	68.0	101.1	165.3	322.2	1087.3	M	Other vascular disease	Rest of 390–459/ rest of I00–I99
2.6	3.4	5.5	8.9	13.5	22.5	40.9	81.5	192.7	1123.9	F		
0.6	0.5	0.9	1.3	2.8	6.6	15.6	36.9	98.9	334.8	M	Chronic obstructive pulmonary disease	490–496/ J40–J47, J67
0.3	0.3	0.3	0.6	1.3	1.9	3.7	9.2	19.4	81.5	F		
2.1	4.4	5.4	11.9	24.9	47.8	102.4	233.1	552.1	2208.9	M	Other respiratory disease	Rest of 460–519/ rest of J00–J98
1.3	1.7	2.4	4.6	7.9	14.7	30.2	74.5	183.3	1218.6	F		
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	0.8	1.2	2.5	4.2	8.7	20.4	42.8	227.5		F		
0.4	0.1	–	–	–	–	–	0.1	–	–	F	Pregnancy, birth	630–676/A34, 000–099
0.5	0.5	0.6	0.7	0.8	1.2	1.6	1.1	2.5	4.6	M	Congenital and perinatal causes	740–779/A33, P00–P96, Q00–Q99
0.3	0.7	0.6	0.6	0.8	0.9	1.0	1.6	4.1		F	III-defined causes	780–799/R00–R99
3.4	5.9	8.8	12.6	19.1	22.6	26.9	34.7	56.0	454.4	M		
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/ rest of A00–R99
3.9	5.9	8.6	11.1	17.6	26.1	44.6	83.0	161.9	670.0	F		
48.1	56.1	68.0	79.0	88.5	91.7	102.3	123.8	179.3	390.9	M	ALL NON– MEDICAL CAUSES	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		
3.9	4.4	5.2	5.6	6.2	7.0	8.4	13.4	16.7	25.6	M	Road traffic accidents	E810–E819, E826–E829/ part of V01–V99, Y850
0.6	1.0	0.9	1.4	2.3	3.2	5.1	7.8	11.1	11.4	F		
0.4	0.5	0.8	1.2	1.9	2.3	2.3	2.8	3.6	8.2	M	Fire	E890–E899/X00–X09
0.2	0.2	0.3	0.6	0.6	1.0	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

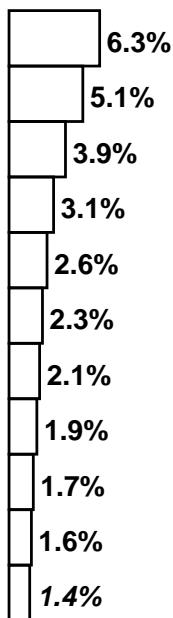
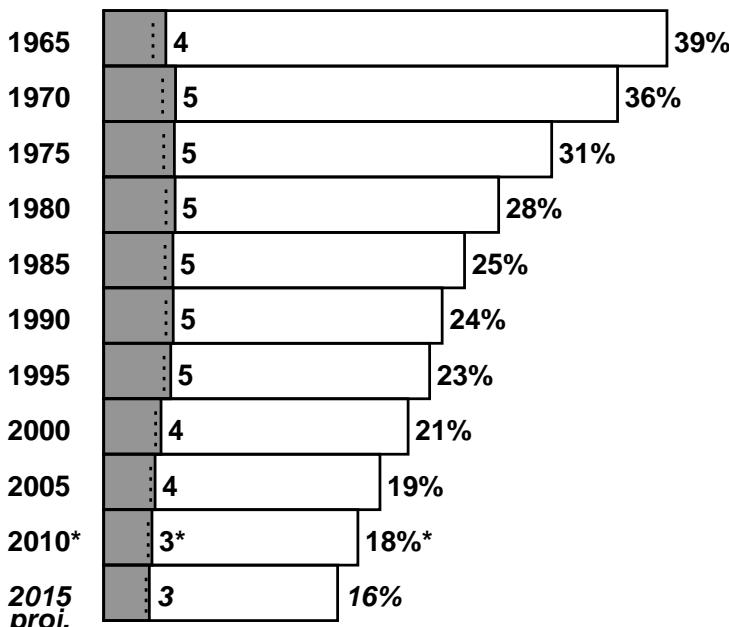
Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2010

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**

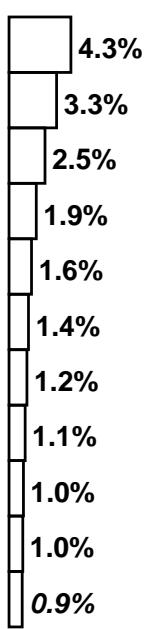
Cause	Male	Female	Male + Female
All Cancer	62 / 210 (30%)	13 / 141 (9%)	75 / 352 (21%)
All Causes	121 / 633 (19%)	36 / 565 (6%)	157 / 1198 (13%)

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

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

Age range (years)	Deaths attributed to SMOKING		Mean years lost PER DEATH FROM SMOKING
	/total deaths (thousands)	Male	
0–34	– / 9.4	– / 5.6	–
35–69	30 / 151	3.8 / 70	21 years
70+	92 / 523	36 / 559	7 years
All ages	122 / 684	40 / 635	10 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	–/56	18/165 (11%)	8.7/145 (6%)	26/367	–/37	2.8/109 (3%)	1.3/166 (0.8%)	4.1/311
1975	–/38	23/157 (15%)	24/184 (13%)	47/379	–/24	4.4/101 (4%)	8.2/200 (4%)	13/324
1985	–/22	28/157 (18%)	43/226 (19%)	71/405	–/13	5.0/89 (6%)	18/240 (7%)	23/342
1995	–/17	37/184 (20%)	63/287 (22%)	100/488	–/9.1	5.5/89 (6%)	26/311 (8%)	31/409
2005	–/13	32/173 (18%)	85/388 (22%)	117/574	–/7.2	4.0/79 (5%)	28/404 (7%)	32/490
2015 proj.	–/9.4	30/151 (20%)	92/523 (18%)	122/684	–/5.6	3.8/70 (5%)	36/559 (6%)	40/635

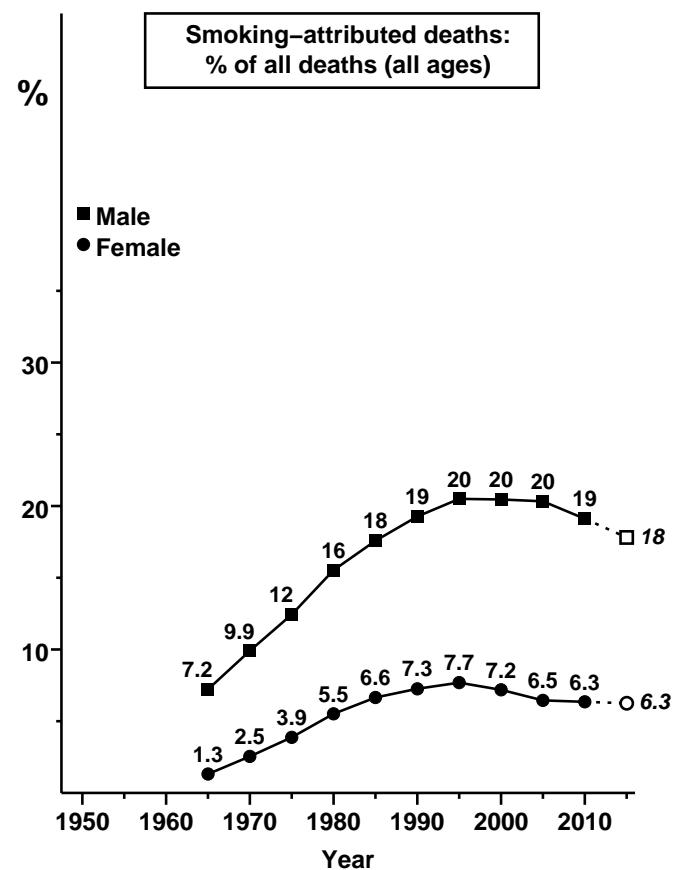
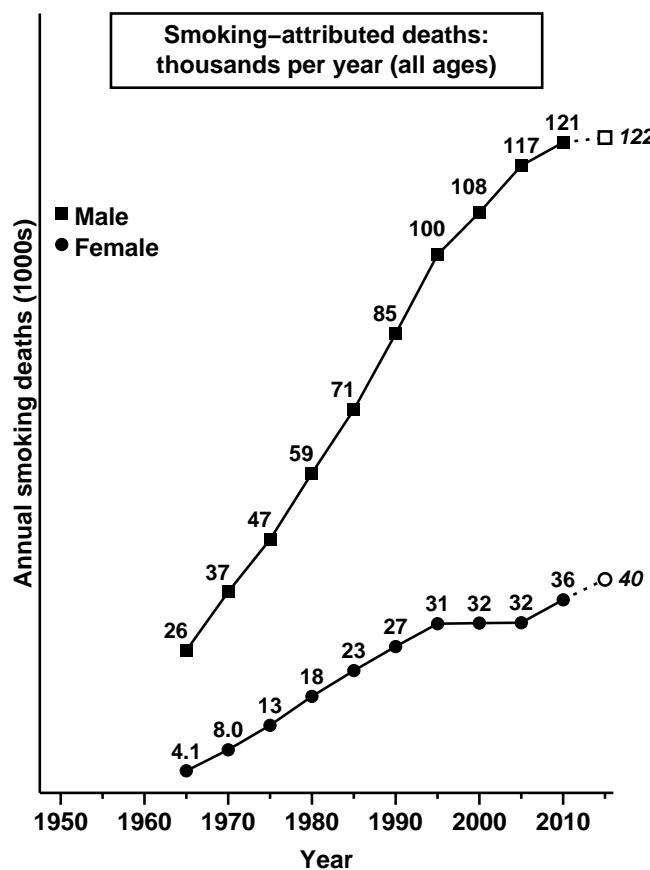
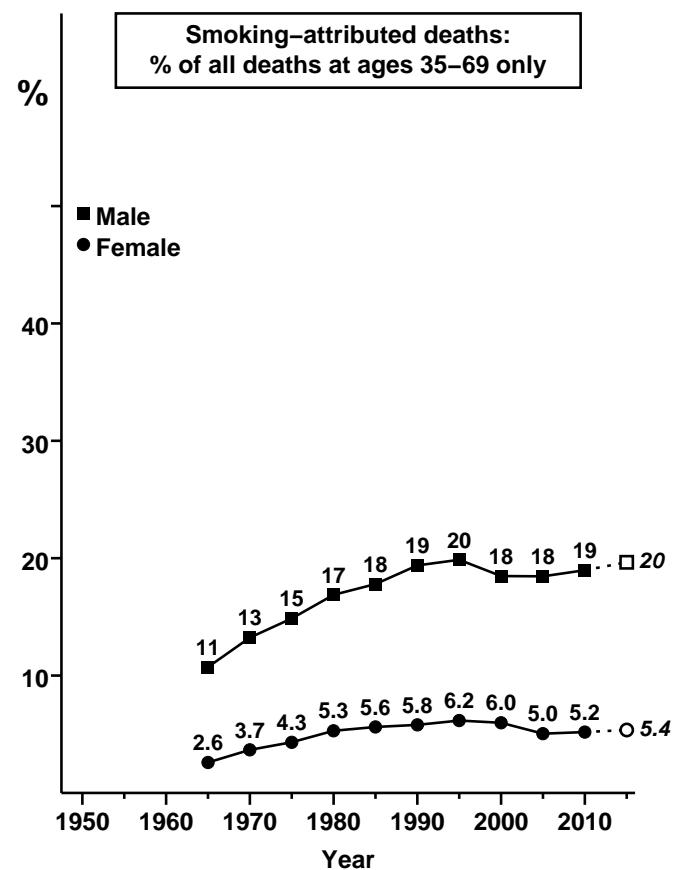
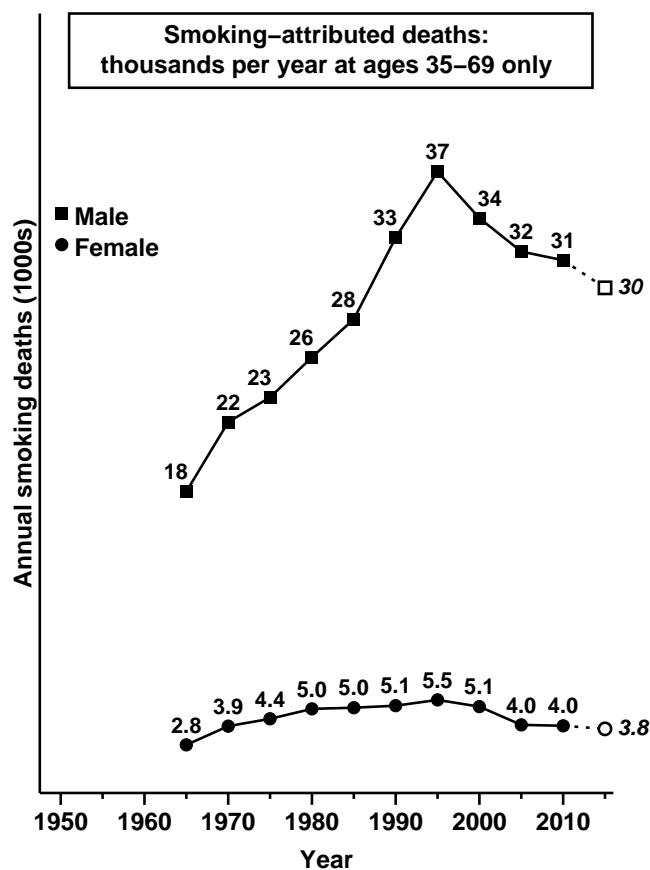
60-year total (M=millions), decade of 1960s to decade of 2010s (1960–2020*): 6.3 / 54M

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

1960–2020, by age & sex:

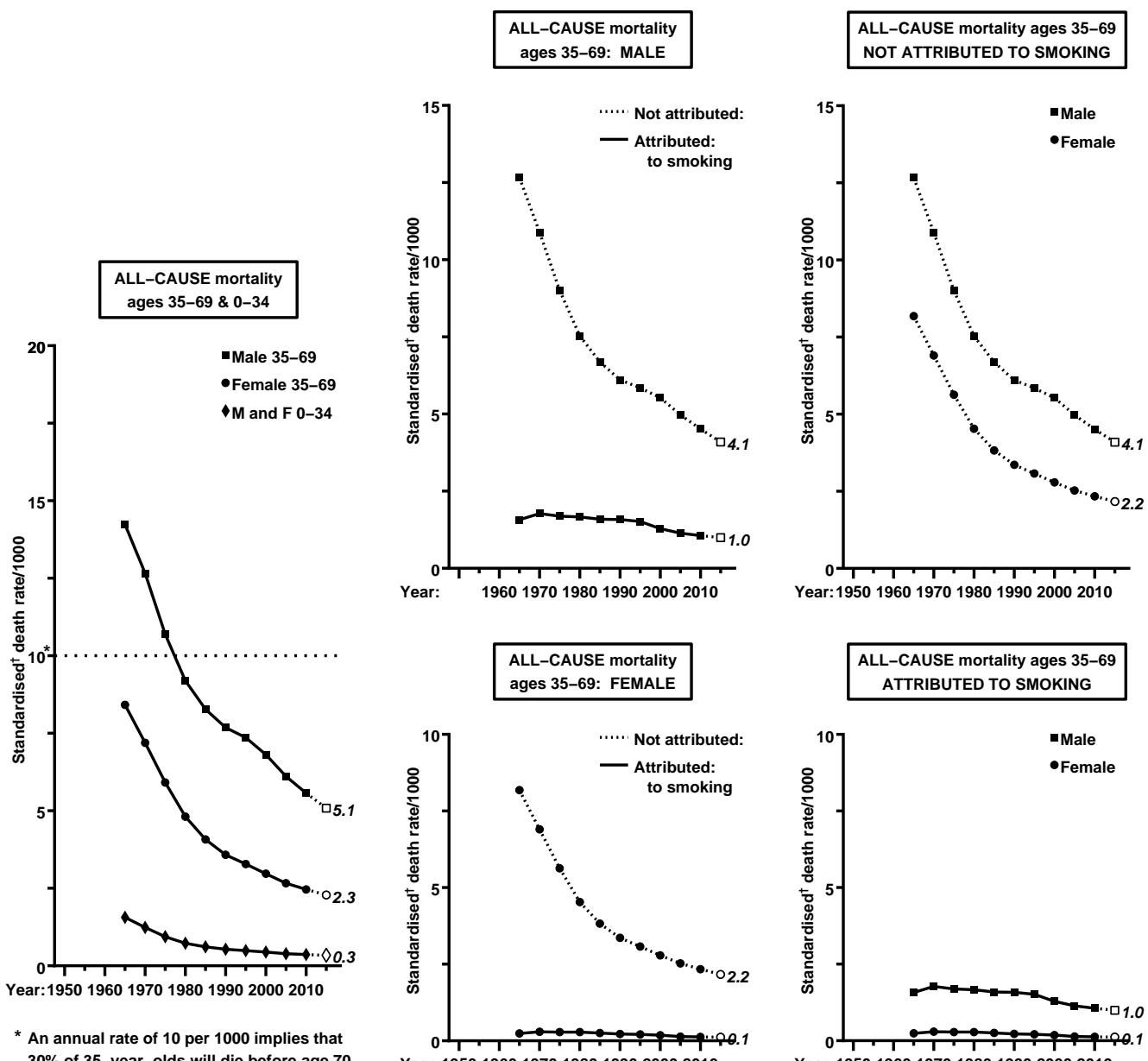
–/1.6M	1.7/9.9M (17%)	3.2/18M (18%)	4.8/29M	–/0.9M	0.3/5.4M (5%)	1.2/19M	1.4/25M (6%)
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1965-2015: JAPAN



JAPAN: 1965-2015

ALL-CAUSE mortality rates attributed and not attributed to smoking

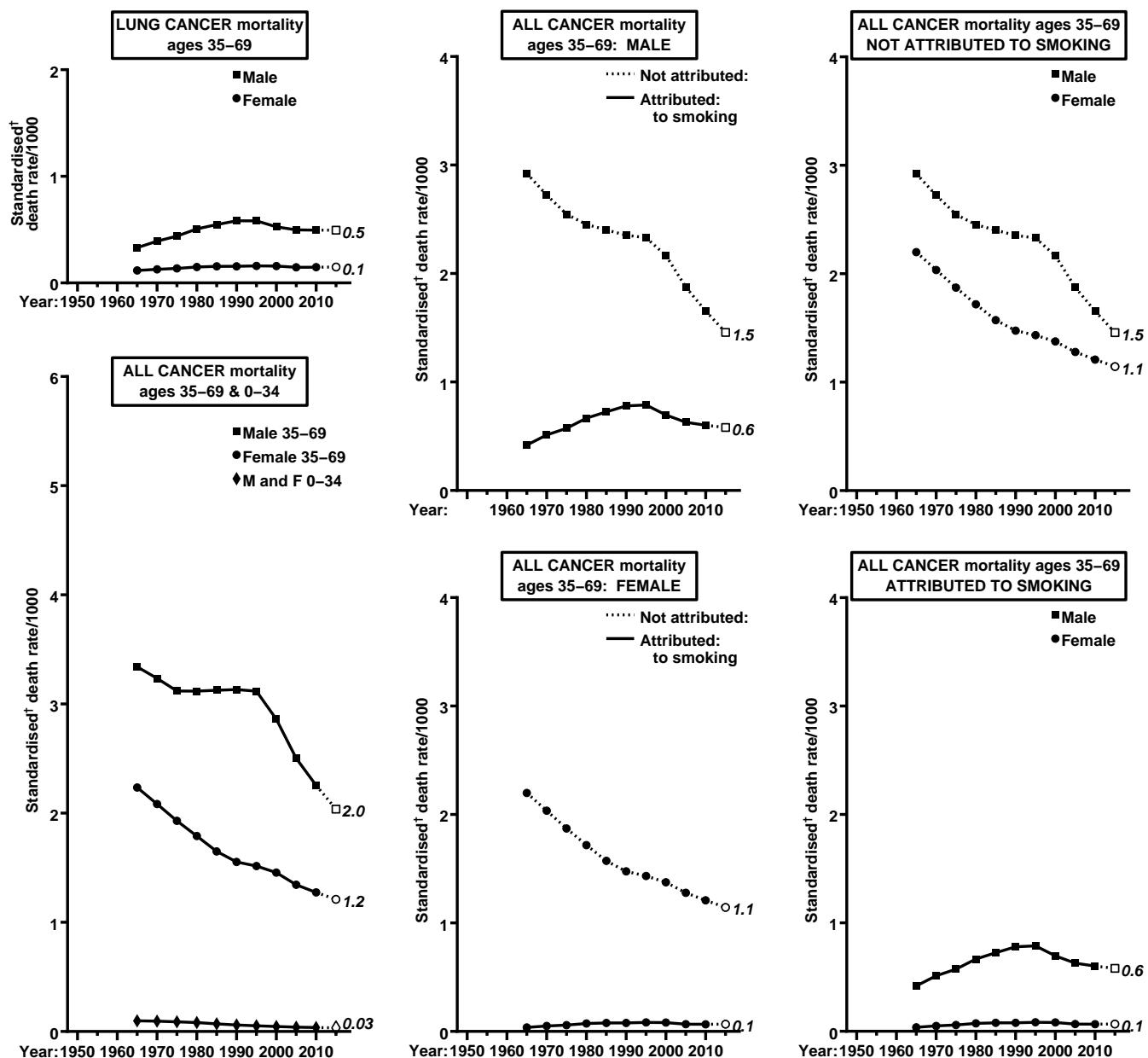


Year	Attributed to smoking?	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
		0-34		35-69		70-79		0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	
1955	
1960	
1965	-	1.86	1.57	12.7	5.36	78.4	-	1.26	0.24	8.18	0.61	56.9	
1970	-	1.51	1.77	10.9	7.71	69.3	-	0.96	0.29	6.90	1.37	49.2	
1975	-	1.15	1.69	9.00	9.40	58.2	-	0.72	0.28	5.63	2.04	41.7	
1980	-	0.90	1.66	7.53	10.6	47.9	-	0.55	0.28	4.53	2.43	33.2	
1985	-	0.77	1.59	6.68	10.6	40.3	-	0.45	0.25	3.82	2.40	26.6	
1990	-	0.67	1.58	6.10	10.6	36.0	-	0.39	0.22	3.36	2.23	22.6	
1995	-	0.61	1.51	5.84	10.4	32.3	-	0.36	0.21	3.07	1.94	19.4	
2000	-	0.56	1.28	5.53	9.41	28.8	-	0.32	0.18	2.79	1.50	16.3	
2005	-	0.49	1.14	4.97	8.26	27.0	-	0.29	0.14	2.52	1.20	14.4	
2010	-	0.45	1.06	4.51	6.69	25.0	-	0.27	0.13	2.34	1.10	13.0	
2015	-	0.41	0.99	4.09	5.41	23.1	-	0.26	0.12	2.16	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)

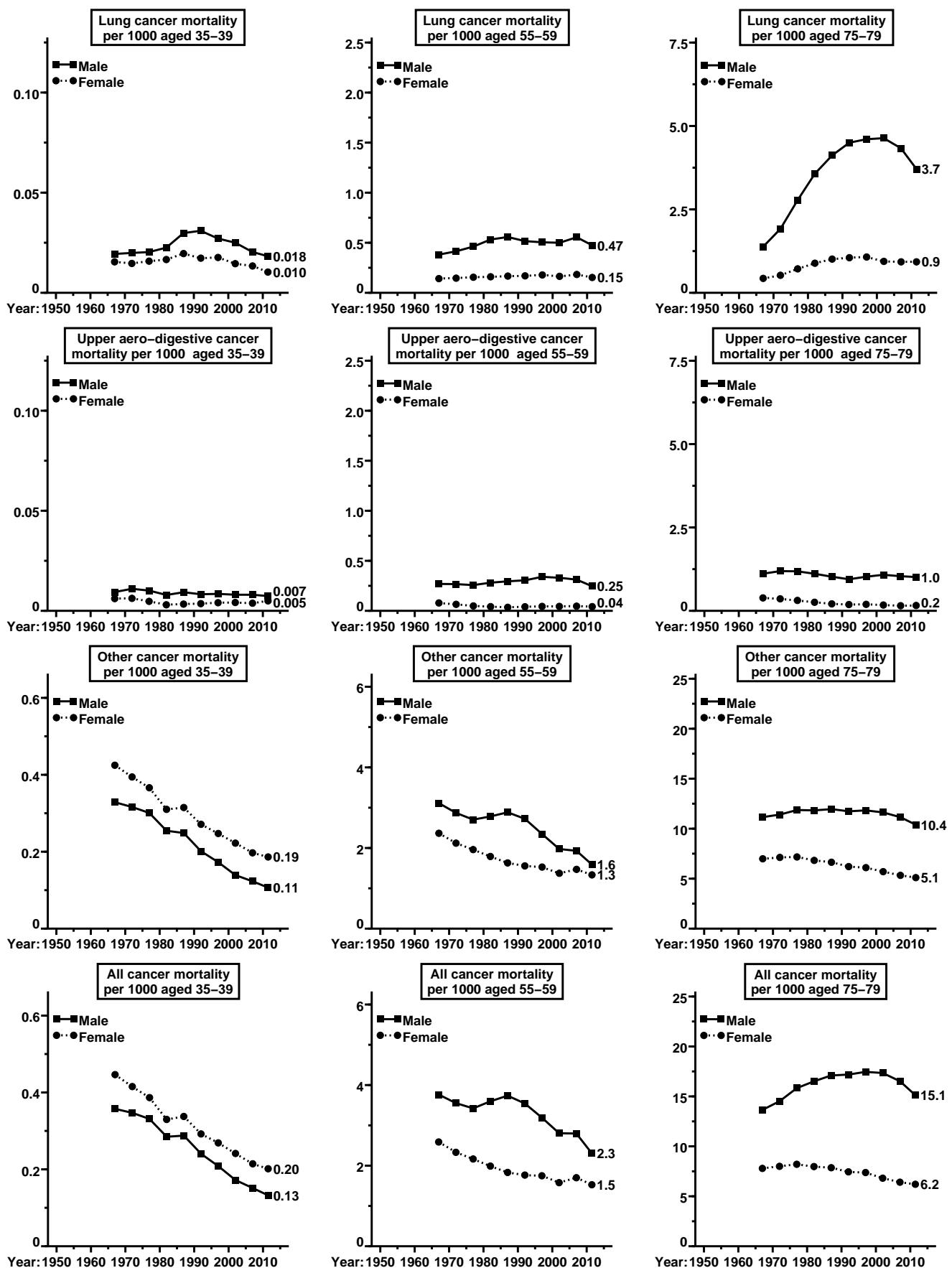
1965-2015: JAPAN

ALL CANCER mortality rates attributed and not attributed to smoking

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

Year	Attributed to smoking?	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	
		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
1970	-	0.09	0.51	2.72		2.04	11.1	-	0.09	0.05	2.03	0.21	7.03
1975	-	0.09	0.57	2.55		2.91	10.8	-	0.09	0.06	1.87	0.37	6.78
1980	-	0.08	0.67	2.45		3.90	10.6	-	0.08	0.07	1.72	0.55	6.59
1985	-	0.07	0.72	2.40		4.46	10.2	-	0.07	0.08	1.57	0.66	6.14
1990	-	0.06	0.78	2.35		4.81	9.89	-	0.06	0.08	1.47	0.70	5.77
1995	-	0.05	0.79	2.33		5.15	9.95	-	0.05	0.08	1.43	0.70	5.53
2000	-	0.05	0.70	2.16		5.12	9.96	-	0.04	0.08	1.37	0.63	5.32
2005	-	0.04	0.63	1.87		4.72	9.66	-	0.04	0.07	1.28	0.56	5.01
2010	-	0.04	0.60	1.65		3.97	8.91	-	0.04	0.07	1.21	0.55	4.67
2015	-	0.03	0.58	1.46		3.32	8.22	-	0.03	0.07	1.14	0.55	4.36

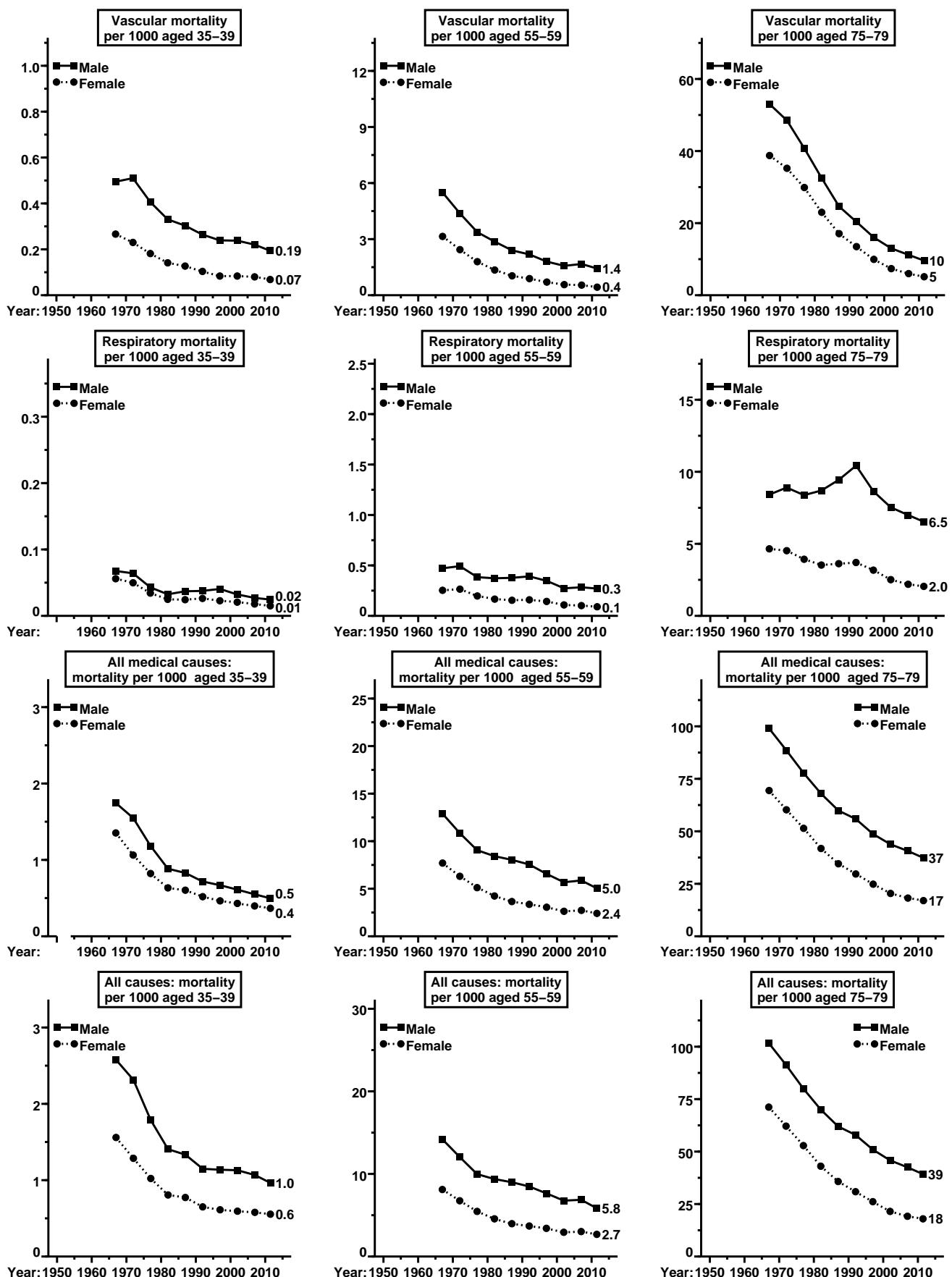
0–34 and 35–69 = means of 7 age-specific rates; 70–79 = mean of 2 rates (70–74 & 75–79)

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