

**MORTALITY FROM SMOKING
IN DEVELOPED COUNTRIES
1950–2000**

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www.deathsfromsmoking.net)

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NEW ZEALAND

Raw data (pages 350–51, 352–53)

Analyses (pages 354–55, 356–57, 358–59)

Appendix (pages 360–61)

NEW ZEALAND: 2000**Relative importance of deaths in MIDDLE age (35–69) in the year 2000**

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	0.9 / 4.2	0.5 / 2.8	23 years
70+	1.6 / 8.7	1.3 / 9.6	8 years
All ages	2.5 / 14	1.8 / 13	13 years

Deaths, by cause, attributed to SMOKING / total deaths in the year 2000

Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/ 0	313/363	437/497	750/860	–/ 2	185/239	245/305	430/546
All Cancer	–/66	466/1574 (30%)	685/2480 (28%)	1151/4120	–/69	227/1425 (16%)	339/2006 (17%)	566/3500
Vascular	–/49	248/1470	338/3830	586/5349	–/29	131/677	391/4865	522/5571
Respiratory	–/17	121/207	471/868	592/1092	–/11	117/190	384/760	501/961
All Other	–/828	80/947	112/1477	192/3252	–/374	72/542	141/1957	213/2873
All Causes	–/960	915/4198 (22%)	1606/8655 (19%)	2521/13813	–/483	547/2834 (19%)	1255/9588 (13%)	1802/12905

**Cancer deaths, and all deaths,
attributed to SMOKING / total deaths (thousands) in the year 2000**

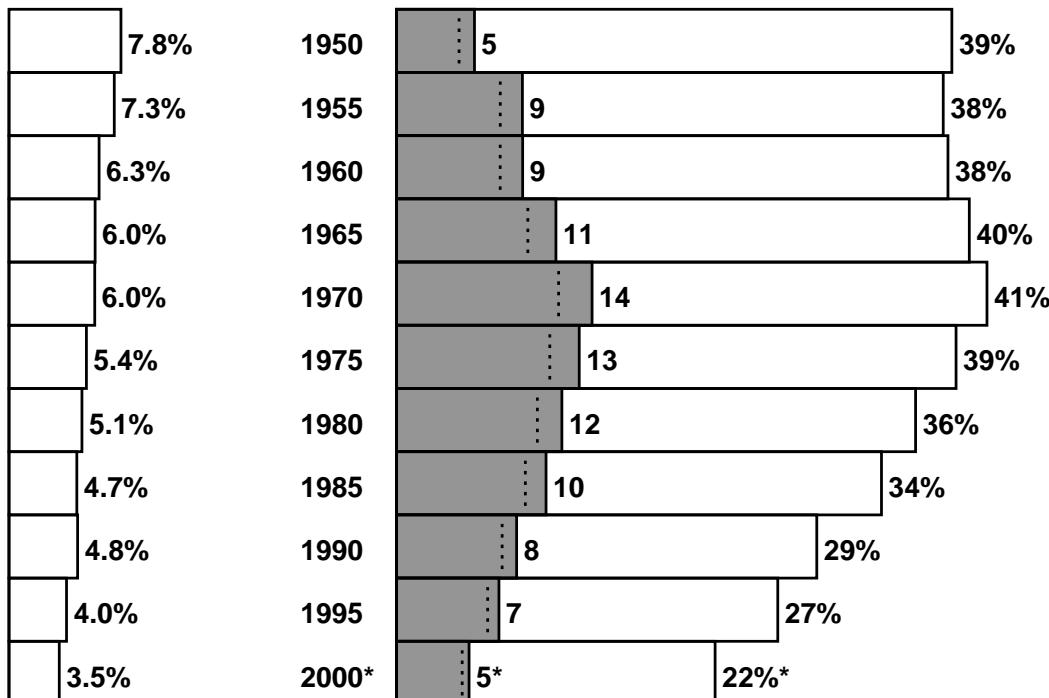
Cause	Male	Female	Male + Female
All Cancer	1.2 / 4.1 (28%)	0.6 / 3.5 (16%)	1.7 / 7.6 (23%)
All Causes	2.5 / 14 (18%)	1.8 / 13 (14%)	4.3 / 27 (16%)

1950-2000: NEW ZEALAND

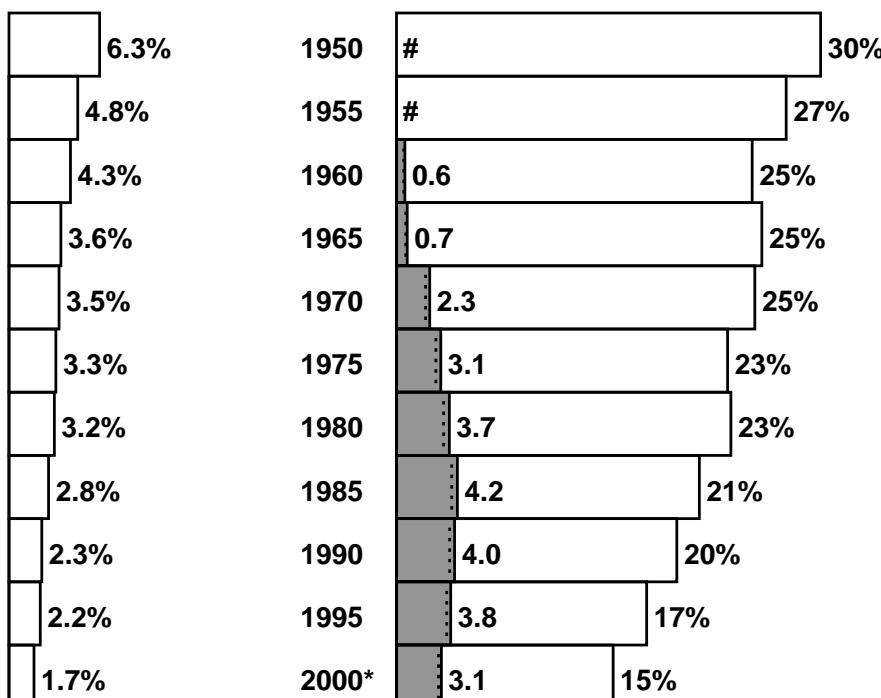
**Population
risk of
dying at
ages 0-34**

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

*eg, at year 2000 male death rates, out of 100 men aged 35, 22 would
die before age 70 (with 5 of these deaths attributed to smoking)

MALE

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

NEW ZEALAND: 1950-2000**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
1950	-/1542	569/3968 (14%)	145/4431 (3%)	714/9941	-/1204	0/2941	0/3998	0/8143
1955	-/1609	932/3998 (23%)	370/5020 (7%)	1302/10627	-/1022	0/2831	0/4745	0/8598
1960	-/1539	970/4294 (23%)	578/5713 (10%)	1548/11546	-/1042	58/2734 (2%)	17/5570	75/9346
1965	-/1529	1408/5125 (27%)	911/6005 (15%)	2319/12659	-/915	95/3121 (3%)	0/6281	95/10317
1970	-/1576	1909/5822 (33%)	1114/6217 (18%)	3023/13615	-/916	321/3366 (10%)	199/6943 (3%)	520/11225
1975	-/1560	1924/5902 (33%)	1422/6336 (22%)	3346/13798	-/902	454/3370 (13%)	309/7045 (4%)	763/11317
1980	-/1367	1776/5617 (32%)	1755/7354 (24%)	3531/14338	-/811	566/3593 (16%)	502/7946 (6%)	1068/12350
1985	-/1303	1663/5416 (31%)	1671/7815 (21%)	3334/14534	-/718	666/3341 (20%)	612/8891 (7%)	1278/12950
1990	-/1369	1386/4936 (28%)	1621/7662 (21%)	3007/13967	-/636	658/3242 (20%)	742/8679 (9%)	1400/12557
1995	-/1143	1225/4795 (26%)	1658/8590 (19%)	2883/14528	-/613	627/3078 (20%)	1178/9737 (12%)	1805/13428
2000	-/960	915/4198 (22%)	1606/8655 (19%)	2521/13813	-/483	547/2834 (19%)	1255/9588 (13%)	1802/12905

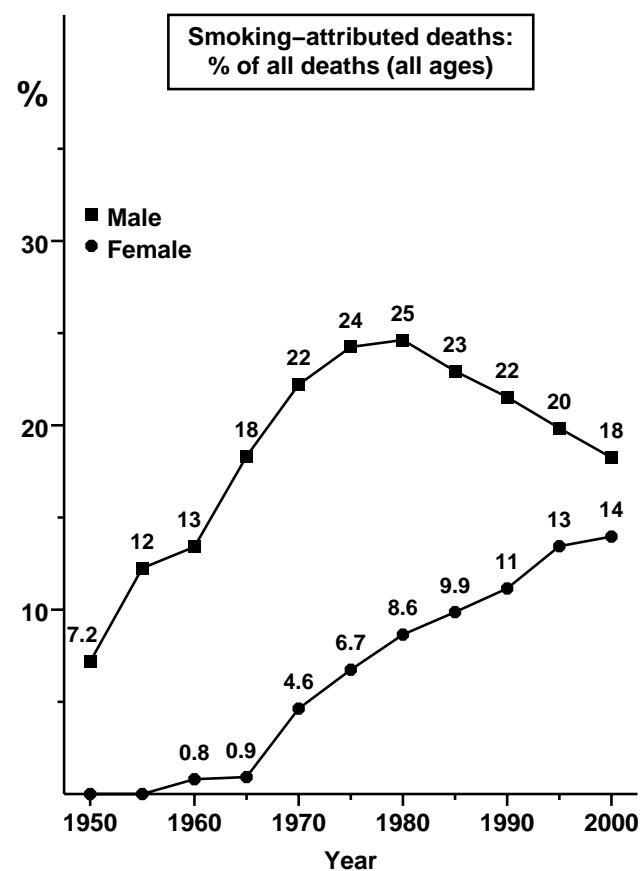
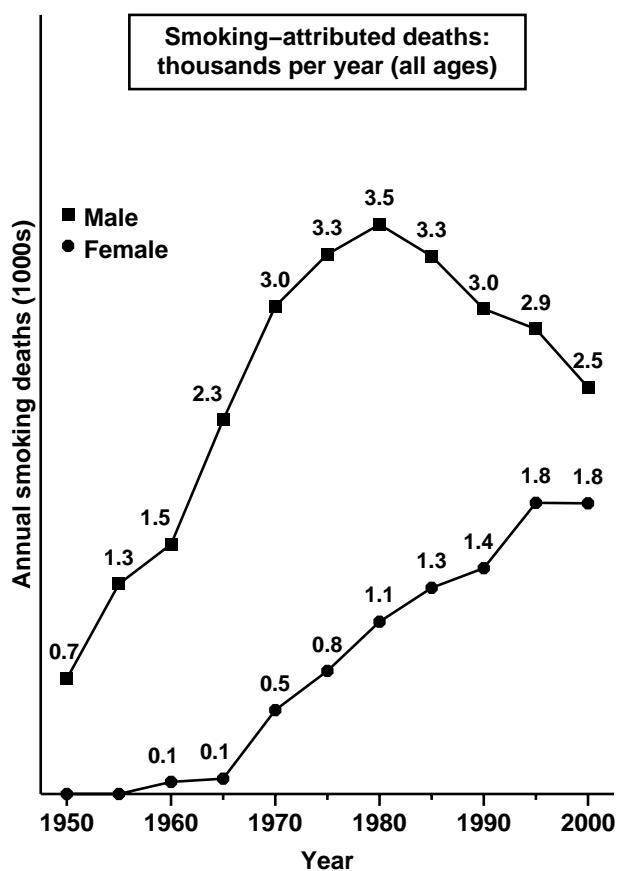
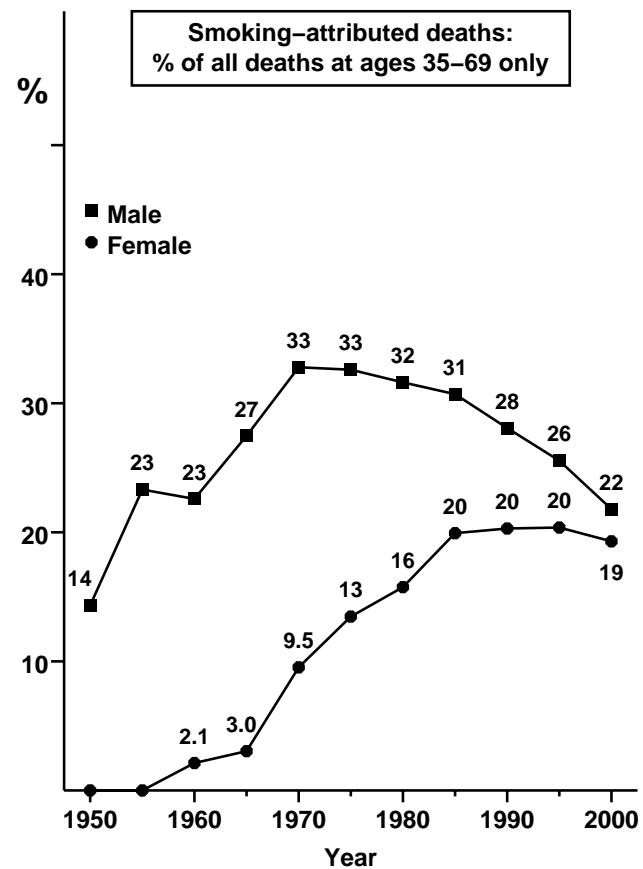
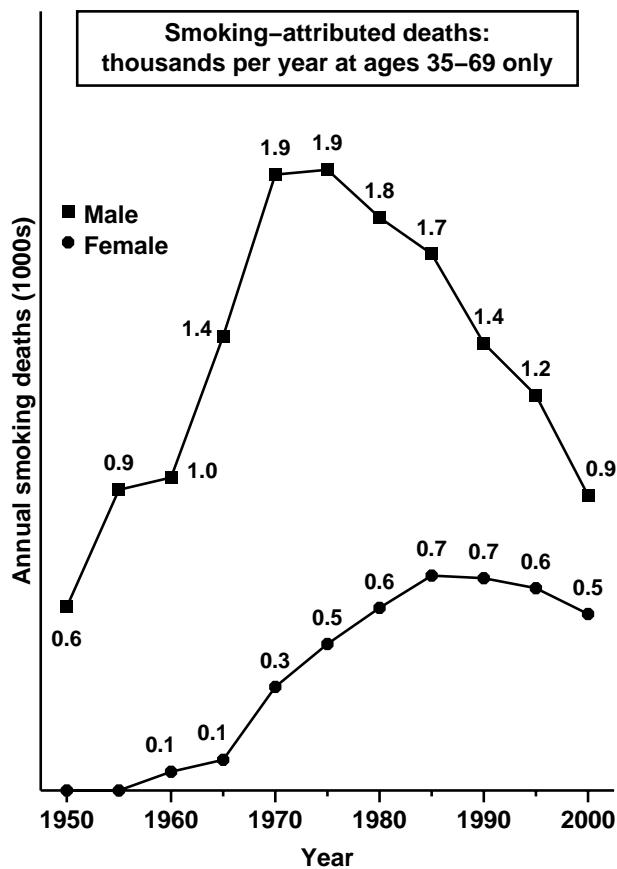
50-year total* (thousands), mid-1950 to mid-2000: 171 / 1228

1950-2000 by age & sex:

-/71	72/252 (28%)	60/338 (18%)	132/661	-/42	18/157 (12%)	21/367	39/566 (6%)
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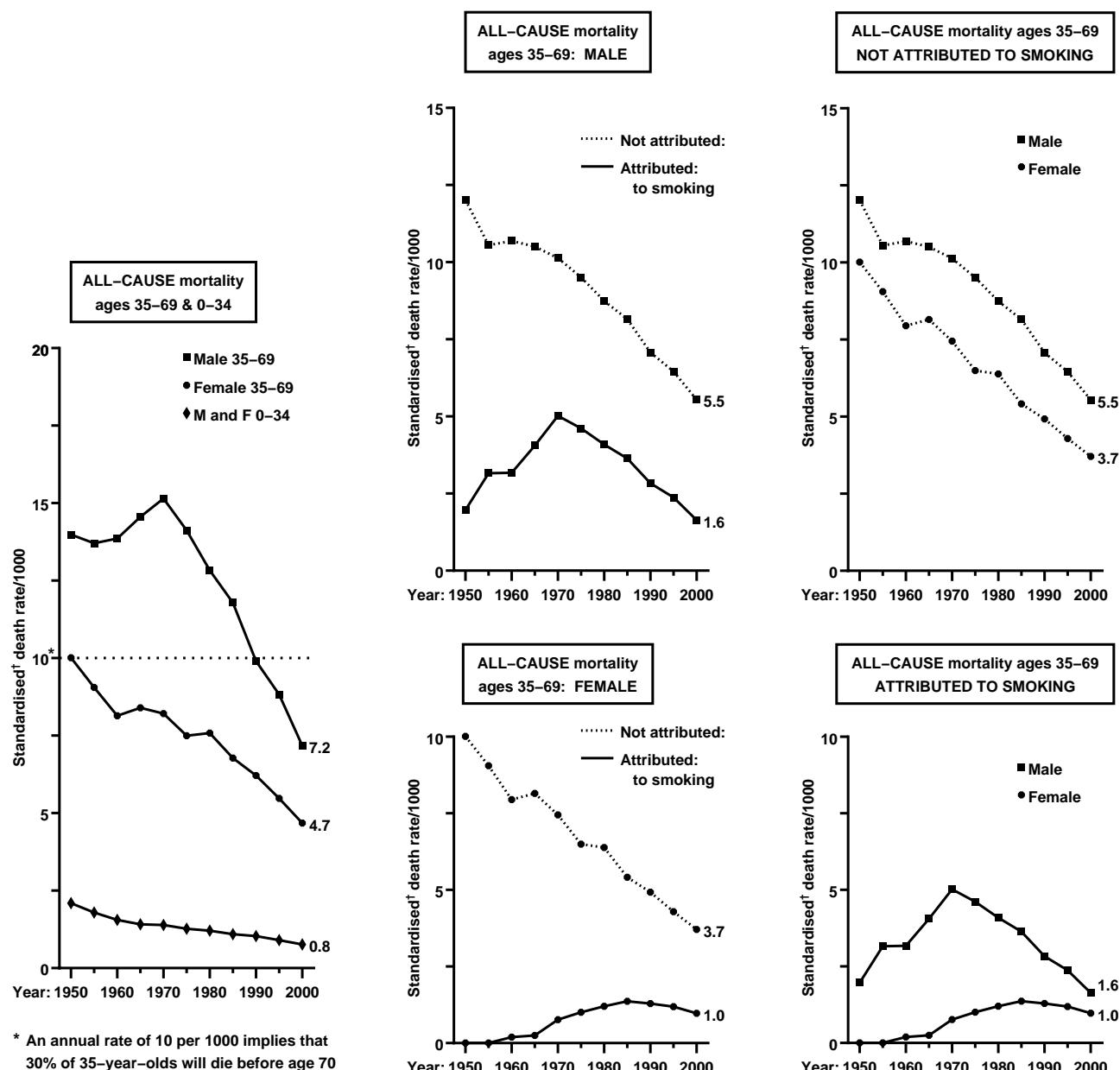
*Estimated as 10 times the sum of the annual numbers for 1955, 1965, 1975, 1985 & 1995

1950-2000: NEW ZEALAND



NEW ZEALAND: 1950-2000

ALL-CAUSE mortality rates attributed and not attributed to smoking

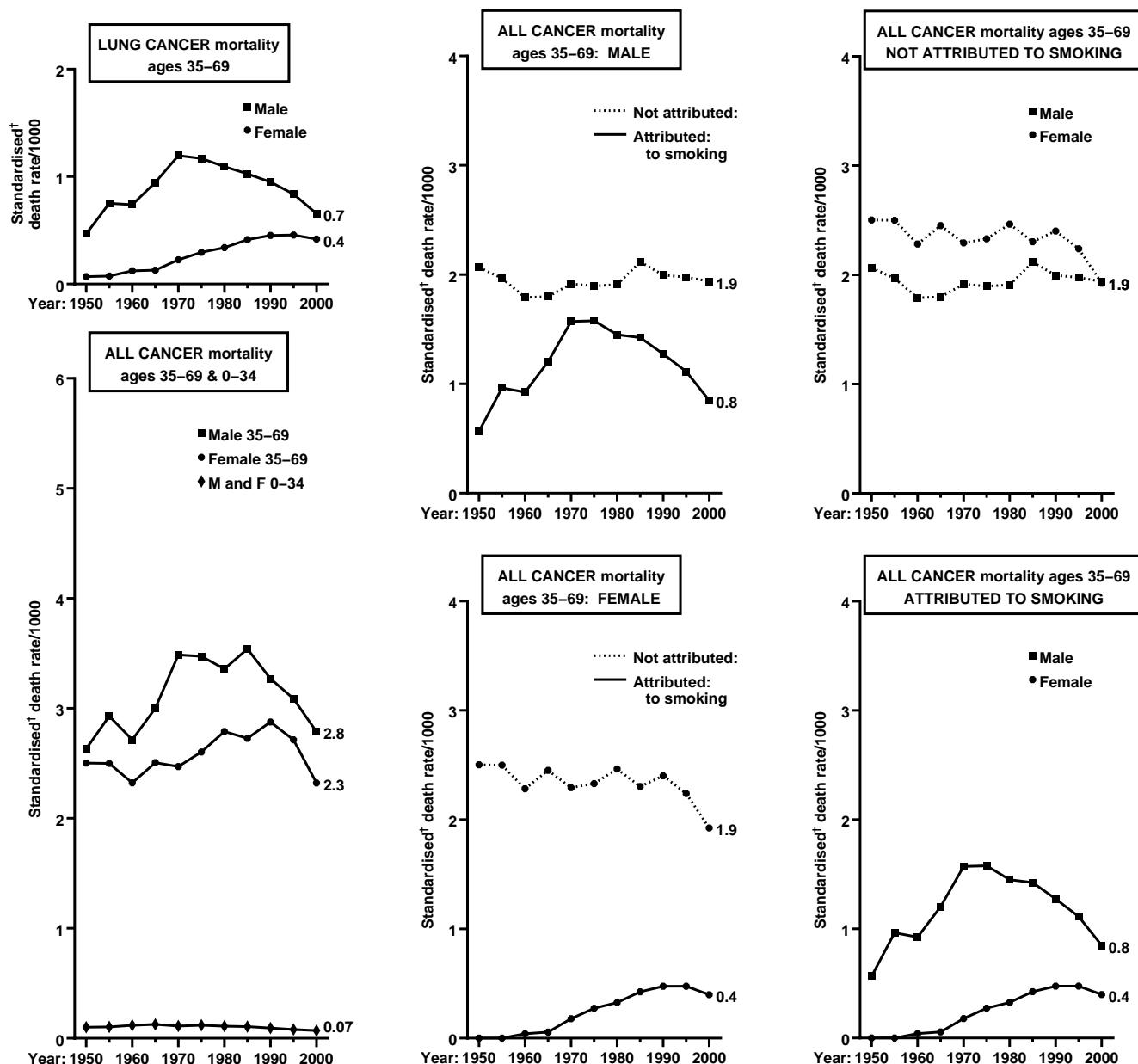


Year	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)								
	Attributed to smoking?	0-34		35-69		70-79		Yes	No	0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950	-	2.32	1.96	12.0	2.70	74.6	-	1.86	0.00	10.0	0.00	55.3			
1955	-	2.18	3.16	10.5	6.00	68.0	-	1.40	0.00	9.05	0.00	54.6			
1960	-	1.85	3.17	10.7	8.62	66.1	-	1.25	0.19	7.94	0.27	50.6			
1965	-	1.77	4.05	10.5	14.9	72.0	-	1.05	0.25	8.15	0.00	49.6			
1970	-	1.76	5.02	10.1	15.7	64.9	-	1.01	0.76	7.45	1.64	47.1			
1975	-	1.58	4.61	9.51	18.3	55.3	-	0.95	1.00	6.49	2.23	40.8			
1980	-	1.49	4.09	8.74	19.4	55.3	-	0.92	1.20	6.38	3.40	39.5			
1985	-	1.38	3.63	8.15	15.5	53.1	-	0.80	1.36	5.41	3.69	35.6			
1990	-	1.40	2.83	7.07	13.5	45.4	-	0.66	1.29	4.92	4.39	29.0			
1995	-	1.17	2.37	6.45	11.7	40.9	-	0.63	1.19	4.29	5.26	25.4			
2000	-	1.02	1.63	5.54	9.34	34.7	-	0.50	0.97	3.71	4.48	21.3			

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

1950-2000: NEW ZEALAND

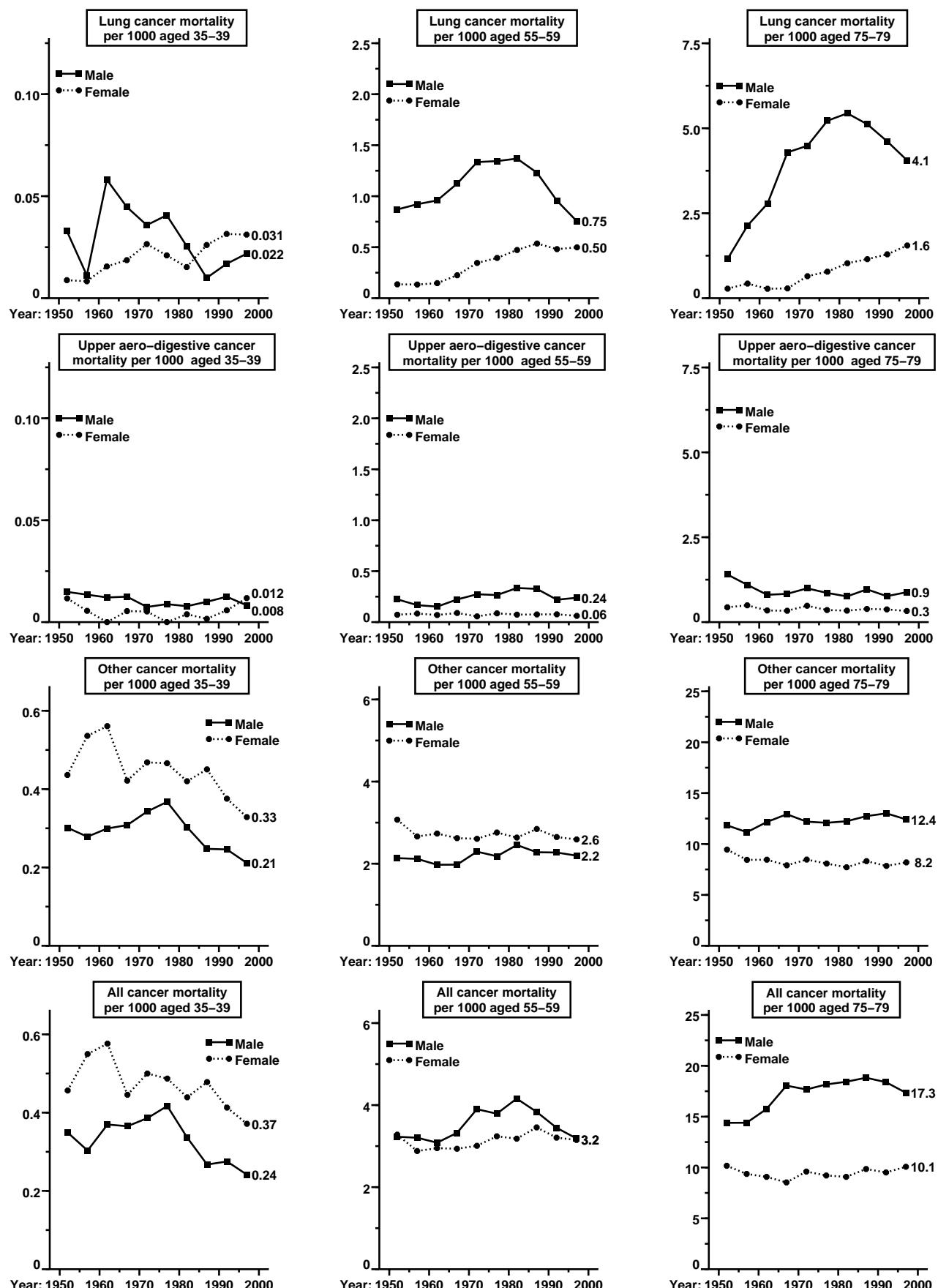
ALL CANCER mortality rates attributed and not attributed to smoking



[†] 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		Yes	No	0–34		35–69		70–79	
		Yes	No	Yes	No	Yes	No			Yes	No	Yes	No	Yes	No
1950	–	0.10		0.57	2.07	0.97	11.8	–	0.10	0.00	2.50	0.00	8.44		
1955	–	0.11		0.96	1.97	1.83	10.2	–	0.09	0.00	2.50	0.00	9.02		
1960	–	0.12		0.92	1.79	2.60	10.0	–	0.11	0.04	2.28	0.05	7.86		
1965	–	0.12		1.20	1.80	4.50	10.8	–	0.13	0.06	2.45	0.00	7.14		
1970	–	0.13		1.57	1.91	5.04	10.0	–	0.09	0.18	2.29	0.40	7.85		
1975	–	0.13		1.58	1.90	6.46	9.56	–	0.11	0.27	2.33	0.54	7.73		
1980	–	0.12		1.45	1.91	6.73	9.97	–	0.10	0.33	2.46	0.87	7.63		
1985	–	0.10		1.42	2.12	5.59	10.4	–	0.11	0.42	2.30	0.96	7.92		
1990	–	0.10		1.27	2.00	5.53	10.5	–	0.08	0.47	2.40	1.34	7.57		
1995	–	0.08		1.11	1.98	5.14	11.0	–	0.08	0.47	2.24	1.74	7.29		
2000	–	0.07		0.85	1.94	4.67	11.1	–	0.07	0.40	1.92	1.61	6.73		

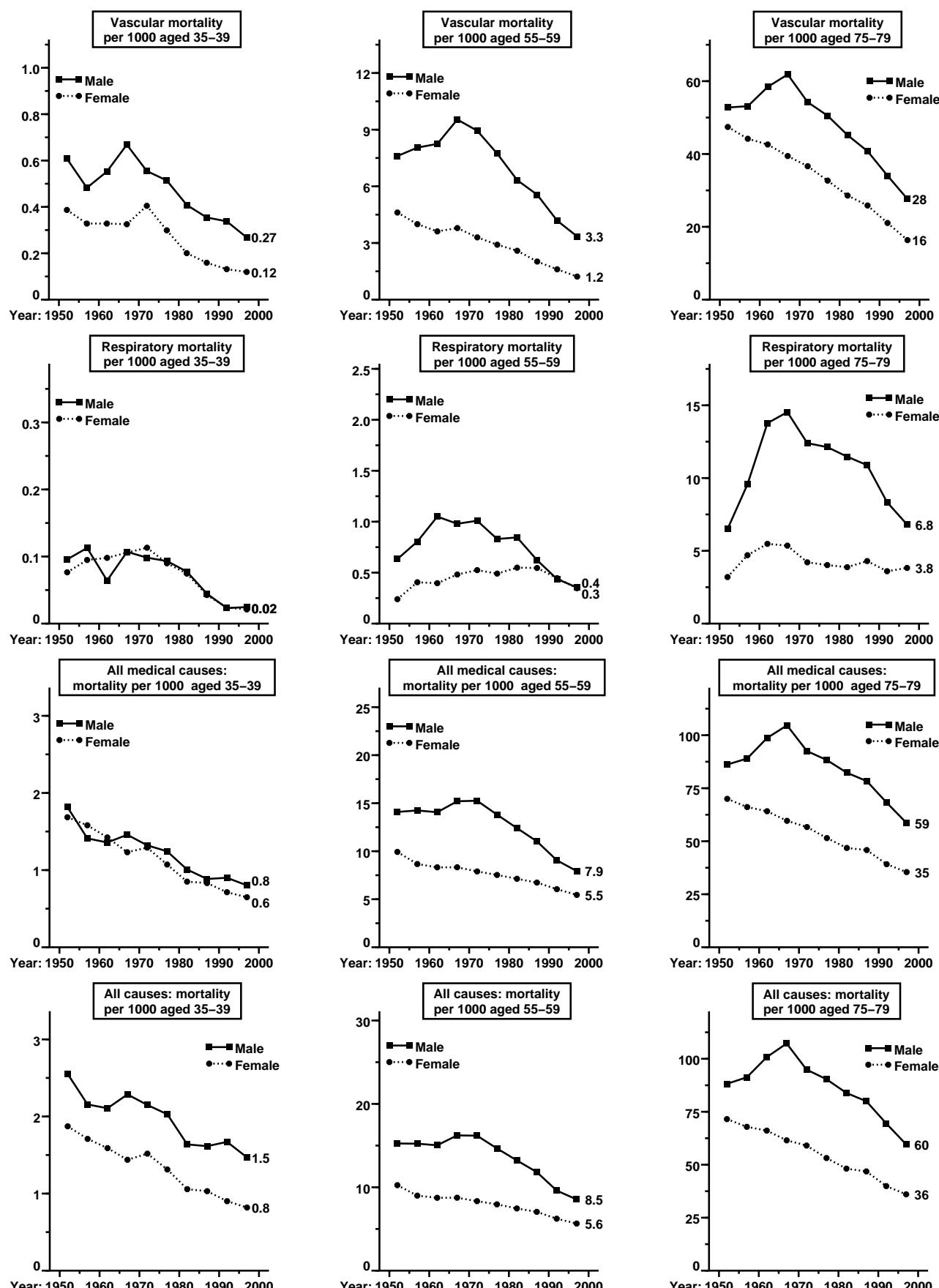
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NEW ZEALAND: 1950-2000**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1950-54,...,1995-99; year 2000 on pages 350-351

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