

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

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

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## **NEW ZEALAND**

**Raw data** (pages 344–45)

**Analyses** (pages 346–47, 348–49, 350–51)

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(revised September 2015)

## NEW ZEALAND: 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	14344	744	4236	581.8	69.3	538.1	151.5	8.2	17.1	72.1	88.8	70.8	76.7
	F	14305	450	2981	432.7	43.1	361.9	119.8	4.3	13.8	33.9	35.6	39.4	54.8
Tuberculosis	M	10	1	5	0.4	0.1	0.8	-	-	-	-	-	0.7	-
	F	7	-	3	0.2	-	0.4	-	-	-	-	-	-	-
Other infective and parasitic	M	113	5	47	4.7	0.5	5.6	2.5	-	-	-	-	-	0.8
	F	129	10	16	3.9	0.9	1.9	5.3	-	-	0.6	-	-	0.7
ALL CANCER	M	4440	45	1664	184.7	4.3	218.5	4.4	2.0	3.3	4.8	3.1	4.9	7.8
	F	4036	55	1599	142.3	5.4	194.3	4.0	1.4	1.4	1.9	7.1	5.5	16.4
Mouth and pharynx cancer	M	90	1	42	3.8	0.1	5.2	-	-	-	-	0.6	-	-
	F	26	1	10	0.9	0.1	1.2	-	-	-	-	-	0.7	-
Oesophagus cancer	M	139	-	55	5.8	-	7.6	-	-	-	-	-	-	-
	F	82	-	23	2.7	-	2.9	-	-	-	-	-	-	-
Stomach cancer	M	158	-	80	6.7	-	9.8	-	-	-	-	-	-	-
	F	95	2	42	3.3	0.2	4.9	-	-	-	-	-	0.7	0.7
Colorectal cancer	M	618	-	226	25.7	-	29.2	-	-	-	-	-	-	-
	F	590	5	179	19.6	0.5	22.4	-	-	-	0.6	-	0.7	2.1
Liver cancer	M	109	-	65	4.8	-	7.6	-	-	-	-	-	-	-
	F	22	5	8	0.8	0.5	1.1	0.7	-	-	0.6	1.3	0.7	-
Pancreas cancer	M	220	-	92	9.3	-	12.0	-	-	-	-	-	-	-
	F	215	-	72	7.4	-	9.7	-	-	-	-	-	-	-
Larynx cancer	M	20	-	7	0.8	-	1.1	-	-	-	-	-	-	-
	F	5	-	2	0.2	-	0.3	-	-	-	-	-	-	-
Lung cancer	M	893	-	374	37.9	-	50.4	-	-	-	-	-	-	-
	F	757	-	323	28.0	-	40.5	-	-	-	-	-	-	-
Malignant melanoma	M	199	2	94	8.4	0.2	11.9	-	-	-	-	0.6	0.7	-
	F	125	6	48	4.5	0.6	5.7	-	-	-	-	1.3	-	2.9
Female breast cancer	F	641	6	363	24.3	0.6	40.6	-	-	-	-	0.7	-	3.6
Cervix cancer	F	52	4	32	2.1	0.4	3.5	-	-	-	-	-	1.4	1.4
Other uterine cancer	F	100	-	47	3.7	-	5.9	-	-	-	-	-	-	-
Ovarian cancer	F	217	2	99	7.9	0.2	11.9	-	-	-	-	0.7	0.7	-
Prostate cancer	M	589	-	110	22.9	-	16.1	-	-	-	-	-	-	-
Bladder cancer	M	126	-	21	4.8	-	2.8	-	-	-	-	-	-	-
	F	49	1	10	1.5	0.1	1.2	-	-	-	-	-	-	0.7
Other and ill-defined cancer sites	M	862	29	361	36.3	2.8	46.0	3.7	1.4	2.0	3.6	0.6	2.8	5.4
	F	729	13	258	24.7	1.2	31.9	1.3	-	0.7	0.6	2.6	0.7	2.9
Hodgkin's disease	M	8	-	5	0.3	-	0.7	-	-	-	-	-	-	-
	F	8	3	2	0.3	0.3	0.2	-	-	-	-	0.7	-	1.4
Myeloma and non-Hodgkin lymphomas	M	237	2	81	9.8	0.2	11.2	-	-	-	-	-	-	1.6
	F	206	2	50	6.6	0.2	6.4	0.7	-	-	-	-	-	0.7
Leukaemia	M	172	11	51	7.2	1.0	7.0	0.6	0.7	1.3	1.2	1.2	1.4	0.8
	F	117	5	31	3.8	0.5	4.0	1.3	1.4	0.7	-	-	-	-
Diabetes	M	397	2	159	16.6	0.2	20.3	-	-	-	-	-	0.7	0.8
	F	377	2	92	12.0	0.2	11.5	-	-	-	-	-	0.7	0.7
ALL VASCULAR DISEASE	M	4877	34	1211	191.3	3.3	155.2	1.9	-	0.7	1.8	5.5	5.6	7.8
	F	5298	28	541	140.8	2.7	67.4	4.0	0.7	1.4	0.6	1.9	4.2	6.4
Rheumatic heart disease and fever	M	65	3	25	2.7	0.3	2.8	-	-	-	-	0.6	0.7	0.8
	F	79	3	20	2.6	0.3	2.3	-	-	-	-	0.7	1.4	-
Hypertensive disease	M	116	-	29	4.5	-	3.9	-	-	-	-	-	-	-
	F	217	-	13	5.6	-	1.7	-	-	-	-	-	-	-
Ischaemic heart disease	M	2900	6	784	114.4	0.6	100.4	-	-	-	-	0.6	-	3.9
	F	2489	2	237	65.9	0.2	30.5	-	-	-	-	0.7	-	0.7
Pulmonary embolism and other venous	M	22	-	2	0.8	-	0.3	-	-	-	-	-	-	-
	F	31	2	12	1.1	0.2	1.4	-	-	-	-	0.7	-	0.7
Cerebrovascular disease	M	945	8	170	36.4	0.8	22.1	0.6	-	0.7	0.6	0.6	2.1	0.8
	F	1522	3	155	40.1	0.3	18.9	-	-	-	-	-	1.4	0.7
Other vascular disease	M	829	17	201	32.5	1.6	25.7	1.2	-	-	1.2	3.7	2.8	2.3
	F	960	18	104	25.6	1.8	12.6	4.0	0.7	1.4	0.6	-	1.4	4.3
Chronic obstructive pulmonary disease	M	860	5	155	33.5	0.5	21.6	1.2	-	-	1.2	-	0.7	-
	F	798	4	164	24.7	0.4	20.8	-	-	0.7	0.6	0.7	0.7	-
Other respiratory disease	M	383	17	55	14.4	1.6	7.0	6.2	0.7	0.7	0.6	1.2	0.7	0.8
	F	416	5	29	10.6	0.5	3.5	2.6	-	-	-	-	-	0.7
Peptic ulcer	M	37	1	12	1.5	0.1	1.6	-	-	-	-	-	0.7	-
	F	33	-	3	0.9	-	0.3	-	-	-	-	-	-	-
Liver cirrhosis	M	82	1	54	3.7	0.1	6.6	-	-	-	-	-	0.7	-
	F	32	-	21	1.3	-	2.5	-	-	-	-	-	-	-
Renal disease	M	137	1	10	5.0	0.1	1.3	0.6	-	-	-	-	-	-
	F	136	2	10	3.4	0.2	1.2	0.7	-	-	-	-	0.7	-
Pregnancy, birth	F	6	2	4	0.3	0.2	0.4	-	-	-	-	-	1.4	-
Congenital and perinatal causes	M	203	158	37	9.9	14.2	4.2	91.7	1.4	1.3	0.6	0.6	2.1	1.6
	F	150	126	17	7.5	11.9	2.1	73.1	0.7	0.7	2.6	1.9	2.1	2.1
Ill-defined causes	M	49	20	7	2.1	1.8	0.9	10.6	-	0.7	0.6	-	0.7	-
	F	67	13	5	2.0	1.2	0.6	8.6	-	-	-	-	-	-
Other medical causes	M	1536	51	299	59.8	4.8	38.1	8.1	2.0	2.6	4.8	5.5	3.5	7.0
	F	2088	35	275	56.9	3.4	33.4	5.9	1.4	1.4	1.3	1.9	4.2	7.8
ALL NON-MEDICAL CAUSES	M	1220	403	521	54.2	37.8	56.3	24.3	2.0	7.9	57.6	72.8	49.8	50.4
	F	732	168	202	26.0	16.0	21.4	15.8	-	8.3	26.2	22.0	20.0	19.9
Road traffic accidents	M	288	131	123	13.1	12.1	13.3	3.1	1.4	2.0	21.8	28.4	18.2	10.1
	F	114	43	44	4.8	4.1	5.0	1.3	-	2.1	7.7	9.7	5.5	2.1
Fire	M	12	2	6	0.5	0.2	0.7	-	0.7	-	0.6	-	-	-
	F	5	-	3	0.2	-	0.3	-	-	-	-	-	-	-
Suicide	M	387	145	209	18.0	13.9	21.9	-	-	2.0	18.2	29.0	23.8	24.0
	F	148	68	70	6.6	6.5	7.0	-	-	2.1	13.4	9.1	10.4	10.7
POPULATION:			M=male		2144.6	1058.3	912.3	160.4	147.0	152.1	165.0	162.2	142.6	129.1
(1000s; UN, 2015 revision)			F=female		2224.4	1032.7	970.9	151.9	140.0	144.7	156.5	154.4	144.7	140.4

## 2010: NEW ZEALAND

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			
127.8	166.2	255.0	368.9	583.5	835.8	1429.7	2222.1	3995.2	10076.8	M	ALL CAUSES	001-999/A00-Y89
68.1	117.7	172.4	253.8	363.5	583.2	974.6	1495.1	2672.6	8963.4	F		
-	-	-	-	-	0.9	4.7	1.5	4.2	1.7	M	Tuberculosis	010-018, 137/ A15-A19, B90
-	0.6	-	-	-	0.8	1.1	-	1.8	3.2	F		
-	2.7	5.1	7.1	8.1	3.5	13.0	8.9	23.1	74.3	M	Other infective	Rest of 001-139,279.5&6/ rest of A00-B99 excl A33,A34
-	0.6	0.6	4.1	0.8	0.8	6.8	15.0	22.0	86.2	F	and parasitic	
24.4	42.8	74.7	123.9	227.3	391.9	644.5	974.0	1408.7	2373.6	M	ALL CANCER	140-208/C00-C97
32.2	59.8	90.7	129.3	209.8	326.0	512.7	671.9	909.8	1500.2	F		
-	2.0	3.2	5.0	6.5	8.8	10.6	20.9	18.9	40.5	M	Mouth and	140-149/C00-C14
0.6	0.6	1.2	-	0.8	1.7	3.4	4.1	5.5	9.7	F	pharynx cancer	
-	1.4	1.9	3.5	4.0	14.1	28.4	34.2	39.9	70.9	M	Oesophagus cancer	150/C15
-	1.9	1.2	-	3.1	5.9	7.9	19.1	20.1	36.6	F		
5.6	4.1	6.3	5.0	9.7	16.7	21.3	31.3	25.2	76.0	M	Stomach cancer	151/C16
0.6	3.1	3.6	3.4	6.2	5.9	11.3	6.8	18.3	38.8	F		
2.1	4.8	8.9	17.7	40.3	56.2	74.5	141.5	230.9	315.7	M	Colorectal cancer	153, 154/C18-C21
1.9	4.9	10.7	9.5	24.2	38.2	67.6	99.5	146.4	272.7	F		
-	1.4	4.4	14.2	9.7	13.2	10.6	16.4	35.7	27.0	M	Liver cancer	155.0/C22 excl C221
-	-	-	-	2.3	-	5.6	-	3.7	7.5	F		
2.1	1.4	4.4	3.5	20.1	20.2	31.9	56.6	67.2	97.9	M	Pancreas cancer	157/C25
1.9	0.6	1.2	4.1	5.5	15.3	39.4	47.7	56.8	83.0	F		
-	-	-	-	-	2.6	4.7	7.5	4.2	10.1	M	Larynx cancer	161/C32
-	-	-	-	-	0.8	1.1	1.4	1.8	1.1	F		
-	6.1	15.2	27.6	45.1	93.2	165.6	235.3	304.4	364.6	M	Lung cancer	162/C33, C34
1.9	5.5	9.5	30.5	46.0	77.2	112.7	173.1	206.8	209.1	F		
4.2	3.4	2.5	7.8	15.3	22.0	28.4	32.8	58.8	89.5	M	Malignant melanoma	172/C43
0.6	1.9	2.4	6.1	3.9	12.7	12.4	17.7	29.3	45.3	F		
13.9	21.0	32.8	38.6	48.4	61.1	68.7	70.9	119.0	167.1	F	Female breast cancer	174/C50
1.9	4.3	3.0	2.0	3.1	3.4	6.8	5.5	5.5	9.7	F	Cervix cancer	180/C53
-	0.6	1.2	5.4	7.8	9.3	16.9	16.4	23.8	30.2	F	Other uterine cancer	179, 182/C54, C55
1.9	3.1	6.0	10.8	14.0	17.0	30.4	45.0	33.0	70.0	F	Ovarian cancer	183/C56, C570-C574
-	0.7	-	2.8	11.3	27.2	71.0	104.2	201.6	528.4	M	Prostate cancer	185/C61
0.7	1.4	-	0.7	4.0	3.5	9.5	16.4	50.4	118.2	M	Bladder cancer	188/C67
0.6	1.2	-	-	1.6	2.5	2.2	4.1	12.8	30.2	F		
7.7	13.6	21.5	28.3	47.5	85.2	118.3	166.8	243.5	411.9	M	Other and ill-defined	Rest of 140-199/ rest of C00-C80, C97
5.0	9.2	14.3	16.9	32.8	52.6	92.4	104.9	146.4	324.4	F	cancer sites	
0.7	-	0.6	-	-	0.9	2.4	-	-	5.1	M	Hodgkin's disease	201/C81
-	-	0.6	-	0.8	-	-	1.4	3.7	-	F		
0.7	0.7	2.5	2.8	12.1	20.2	39.0	67.0	69.3	128.3	M	Myeloma and non-	200, 202-203/ C82-C90, C96
1.3	1.2	1.8	1.4	4.7	14.4	20.3	38.2	51.2	105.6	F	Hodgkin lymphomas	
0.7	2.0	3.2	5.0	1.6	7.9	28.4	43.2	58.8	89.5	M	Leukaemia	204-208/C91-C95
-	0.6	1.2	0.7	4.7	7.6	13.5	16.4	25.6	59.3	F		
2.1	2.0	8.2	17.0	25.8	36.0	50.9	77.4	126.0	209.3	M	Diabetes	250/E10-E14
-	2.5	3.6	9.5	12.5	19.5	32.7	68.2	84.2	201.5	F		
18.9	42.1	69.6	106.9	180.5	245.2	423.4	686.6	1358.3	4261.0	M	ALL VASCULAR	390-459/I00-I99
8.8	19.1	29.2	42.6	53.0	112.9	206.2	384.3	968.4	4222.5	F	DISEASE	
1.4	0.7	3.8	3.5	3.2	3.5	3.5	11.9	12.6	38.8	M	Rheumatic heart	390-398/I00-I09
1.3	1.2	0.6	2.7	2.3	2.5	5.6	9.5	22.0	39.9	F	disease and fever	
-	0.7	1.9	1.4	4.8	4.4	14.2	14.9	29.4	106.4	M	Hypertensive disease	401-405/I10-I15
-	0.6	-	0.7	0.8	5.1	4.5	23.2	36.6	180.0	F		
6.3	23.1	45.5	74.3	119.3	167.0	267.3	420.0	793.6	2447.9	M	Ischaemic heart	410-414/I20-I25
0.6	6.2	10.7	14.2	23.4	56.9	101.4	194.9	483.3	1986.2	F	disease	
-	-	-	-	0.8	-	1.2	3.0	6.3	25.3	M	Pulmonary embolism	415.1, 451-453/ 126, 180-182
0.6	0.6	-	1.4	2.3	1.7	3.4	5.5	5.5	10.8	F	and other venous	
2.1	6.8	8.2	12.8	26.6	34.3	63.9	125.1	310.7	903.2	M	Cerebrovascular	430-438/I60-I69
5.0	6.2	9.5	17.6	12.5	22.1	59.7	100.9	261.8	1236.2	F	disease	
9.1	10.9	10.1	14.9	25.8	36.0	73.3	111.7	205.7	739.4	M	Other vascular	Rest of 390-459/ rest of I00-I99
1.3	4.3	8.3	6.1	11.7	24.6	31.6	50.4	159.3	769.5	F	disease	
0.7	2.0	4.4	12.0	16.1	29.9	86.3	163.8	312.8	744.5	M	Chronic obstructive	490-496/ J40-J47, J67
1.3	3.7	5.4	10.8	23.4	38.2	63.1	130.8	216.0	448.3	F	pulmonary disease	
3.5	1.4	1.9	6.4	5.6	11.4	18.9	34.2	67.2	432.2	M	Other respiratory	Rest of 460-519/ rest of J00-J98
-	0.6	1.8	4.1	4.7	3.4	10.1	24.5	51.2	362.1	F	disease	
-	-	-	-	2.4	5.3	3.5	1.5	14.7	27.0	M	Peptic ulcer	531-533/K25-K27
-	-	-	0.7	0.8	0.8	-	2.7	7.3	25.9	F		
1.4	2.7	4.4	8.5	4.0	9.7	15.4	10.4	23.1	15.2	M	Liver cirrhosis	571/K70, K74
0.6	1.2	0.6	1.4	3.1	5.1	5.6	6.8	1.8	5.4	F		
-	-	1.3	-	1.6	1.8	4.7	10.4	42.0	167.1	M	Renal disease	580-590/N00-N19
0.6	-	-	1.4	2.3	0.8	3.4	5.5	14.6	120.7	F		
1.3	1.2	-	-	-	-	-	-	-	-	M	Pregnancy, birth	630-676/A34, O00-O99
2.8	2.7	5.1	3.5	7.2	1.8	5.9	1.5	8.4	5.1	M	Congenital and	740-779/A33, P00-P96, Q00-Q99
0.6	0.6	0.6	1.4	2.3	3.4	5.6	2.7	-	5.4	F	perinatal causes	
-	-	-	-	3.2	0.9	2.4	-	8.4	30.4	M	Ill-defined causes	780-799/R00-R99
-	-	0.6	1.4	-	-	2.2	1.4	7.3	47.4	F		
8.4	14.2	19.6	26.2	41.1	47.5	110.0	189.1	489.2	1394.5	M	Other medical causes	Rest of 001-799/ rest of A00-R99
7.6	11.7	17.3	23.0	31.2	47.5	95.8	132.2	325.8	1619.8	F		
65.6	53.6	60.7	57.4	60.4	50.1	46.1	62.5	109.2	341.0	M	ALL NON-	E800-E999/V01-Y89
15.1	16.0	22.1	24.4	19.5	23.8	29.3	49.1	62.2	314.7	F	MEDICAL CAUSES	
16.8	12.2	13.9	14.9	11.3	12.3	11.8	16.4	14.7	27.0	M	Road traffic	E810-E819, E826-E829/ part of V01-V99, Y850
3.1	3.1	4.2	4.1	3.9	5.1	11.3	12.3	5.5	16.2	F	accidents	
0.7	0.7	-	0.7	1.6	0.9	-	-	4.2	3.4	M	Fire	E890-E899/X00-X09
-	1.9	-	-	-	-	-	-	1.8	1.1	F		
28.6	27.1	27.2	21.9	20.1	16.7	11.8	19.4	12.6	23.6	M	Suicide	E950-E959/X60-X84
8.2	6.2	9.5	8.1	6.2	5.9	4.5	1.4	7.3	5.4	F		
143.2	147.4	158.1	141.2	124.1	113.8	84.6	67.1	47.6	59.2	M	POPULATION	
158.6	162.2	167.6	147.7	128.2	117.8	88.8	73.4	54.6	92.8	F	(1000s; UN, 2015 revision)	

## NEW ZEALAND: 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	– / 0.8	– / 0.5	–
35–69	0.8 / 4.3	0.7 / 3.1	23 years
70+	1.8 / 9.6	2.1 / 11	7 years
All ages	2.6 / 15	2.8 / 15	12 years

## Deaths, by cause, attributed to SMOKING / total deaths in the year 2010

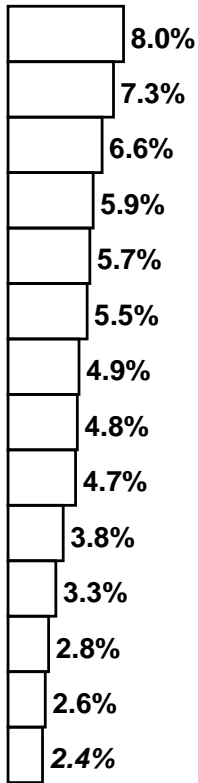
Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/0	293/358	452/532	745/890	–/0	267/342	335/403	602/745
All Cancer	–/49	409/1641 (25%)	683/2773 (25%)	1092/4463	–/54	322/1626 (20%)	458/2359 (19%)	780/4039
Vascular	–/39	260/1230	474/3703	734/4972	–/23	183/539	820/4870	1003/5432
Respiratory	–/17	98/206	479/1040	577/1263	–/13	135/213	573/1091	708/1317
All Other	–/681	69/1175	120/2047	189/3903	–/363	90/667	242/2906	332/3936
All Causes	–/794	836/4263 (20%)	1756/9566 (18%)	2592/14623	–/463	730/3052 (24%)	2093/11229 (19%)	2823/14744

## Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2010

Cause	Male	Female	Male + Female
All Cancer	1.1 / 4.5 (24%)	0.8 / 4.0 (19%)	1.9 / 8.5 (22%)
All Causes	2.6 / 15 (18%)	2.8 / 15 (19%)	5.4 / 29 (18%)

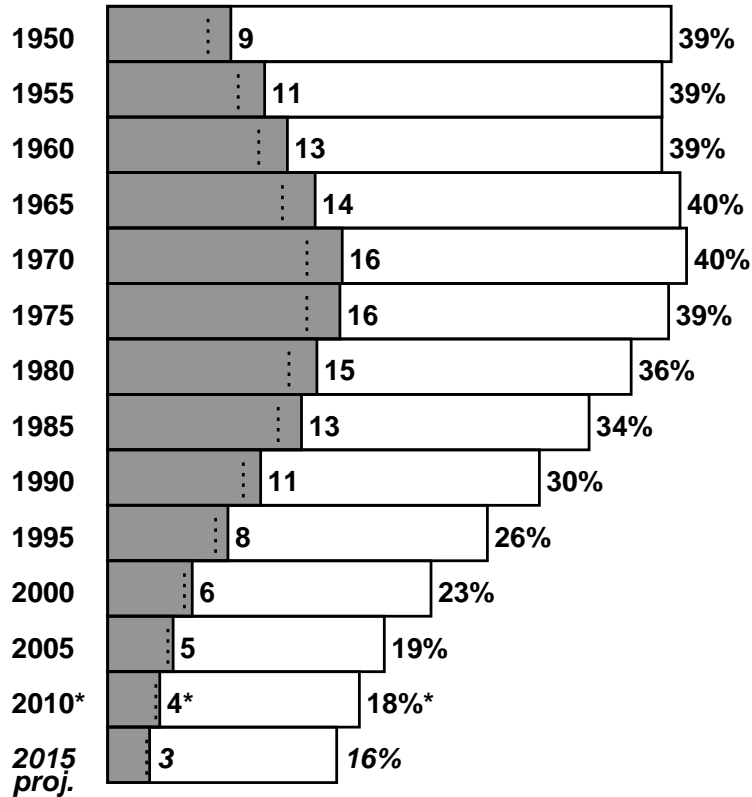
1950-2015: NEW ZEALAND

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)

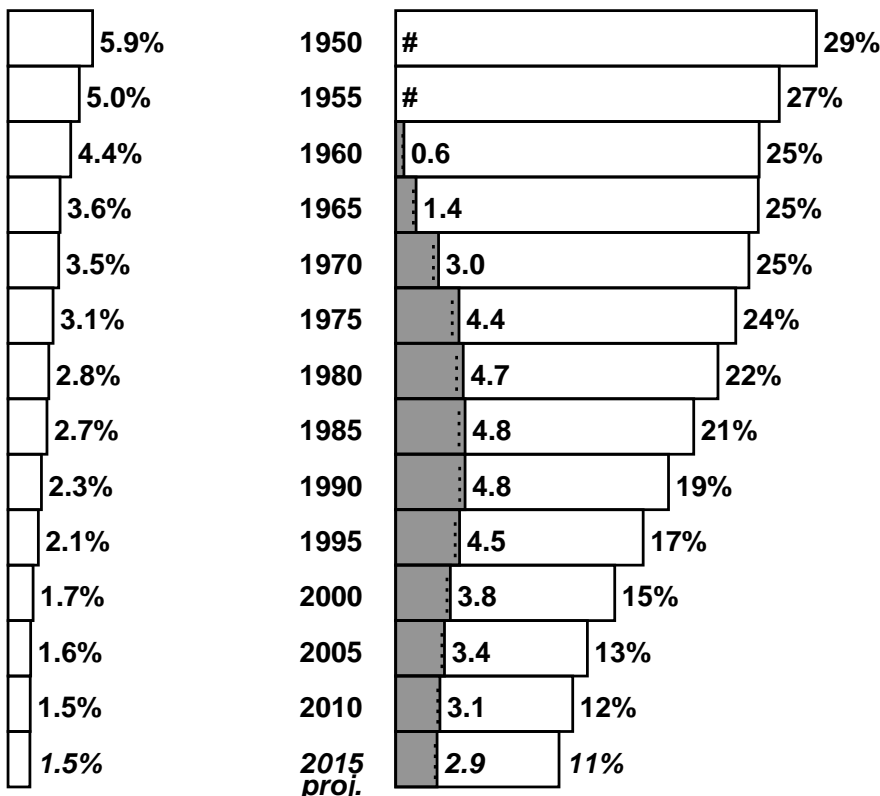
MALE



\*eg, at year 2010 male death rates, out of 100 men aged 35, 18 would die before age 70 (with 4 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



# Real risk too low to estimate reliably

<b>NEW ZEALAND: 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	– / 0.7	– / 0.5	–
35–69	0.8 / 4.4	0.8 / 3.3	<b>23 years</b>
70+	1.7 / 10	2.5 / 12	7 years
<b>All ages</b>	<b>2.5 / 15</b>	<b>3.3 / 15</b>	<b>12 years</b>

**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
1955	–/1591	1161/4048 <b>(29%)</b>	559/5166 <b>(11%)</b>	1720/10805	–/1056	23/2782	0/4760	23/8598
1965	–/1515	1854/5091 <b>(36%)</b>	1202/6121 <b>(20%)</b>	3056/12727	–/918	173/3088 <b>(6%)</b>	31/6274	204/10280
1975	–/1574	2429/5892 <b>(41%)</b>	1795/6480 <b>(28%)</b>	4224/13946	–/867	646/3464 <b>(19%)</b>	415/7139 <b>(6%)</b>	1061/11470
1985	–/1351	2123/5340 <b>(40%)</b>	2174/7567 <b>(29%)</b>	4297/14258	–/719	745/3266 <b>(23%)</b>	946/8428 <b>(11%)</b>	1691/12413
1995	–/1120	1444/4750 <b>(30%)</b>	2086/8468 <b>(25%)</b>	3530/14338	–/608	741/3021 <b>(25%)</b>	1397/9682 <b>(14%)</b>	2138/13311
2005	–/820	939/4186 <b>(22%)</b>	1810/9016 <b>(20%)</b>	2749/14022	–/456	699/2933 <b>(24%)</b>	1780/10755 <b>(17%)</b>	2479/14144
2015 <i>proj.</i>	–/736	785/4421 <b>(18%)</b>	1738/10197 <b>(17%)</b>	2523/15354	–/459	814/3259 <b>(25%)</b>	2477/11701 <b>(21%)</b>	3291/15419

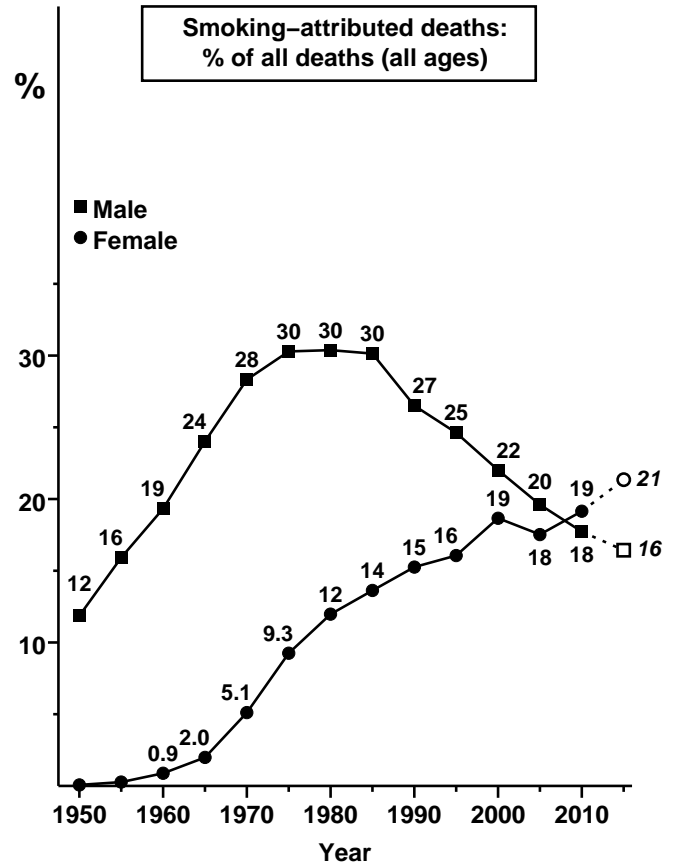
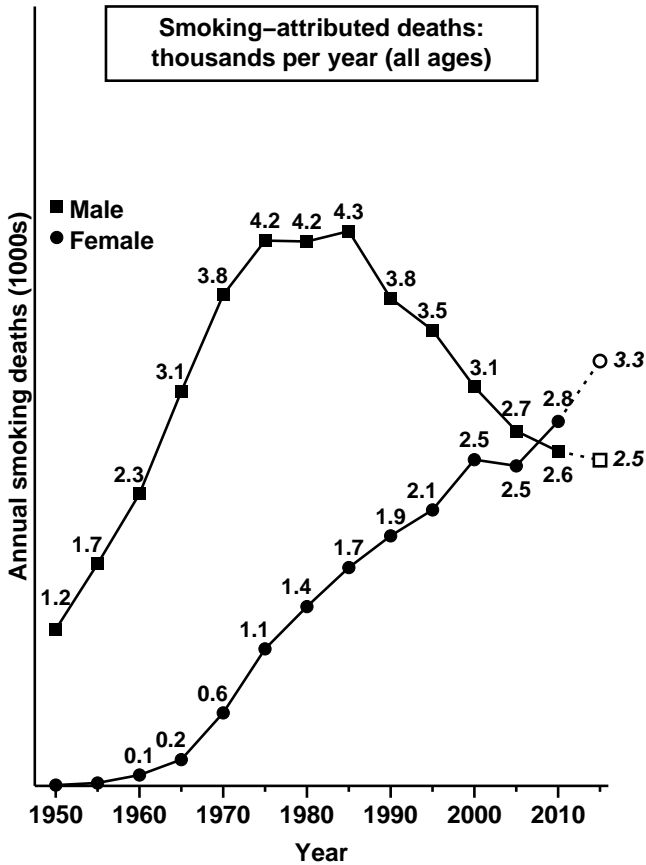
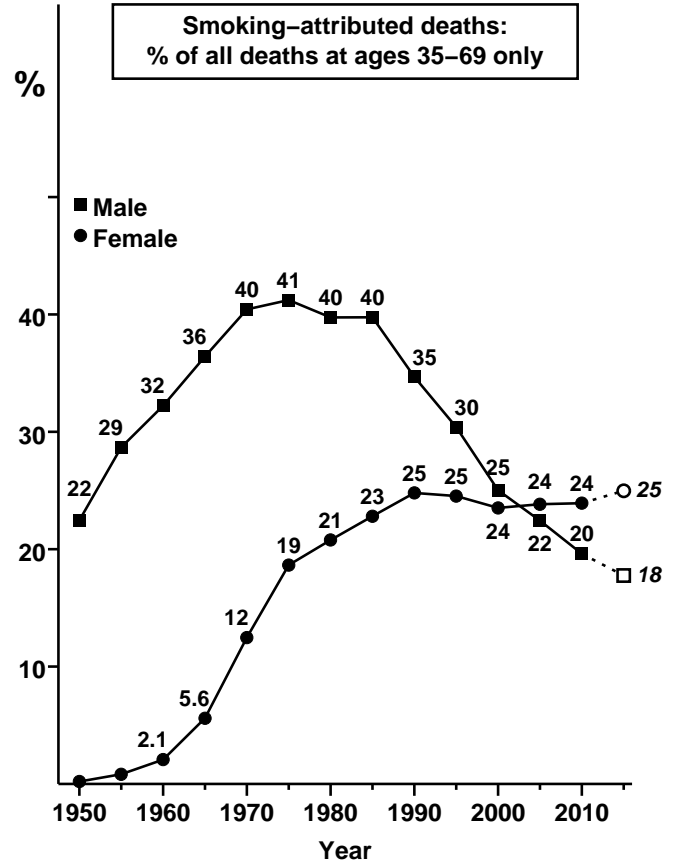
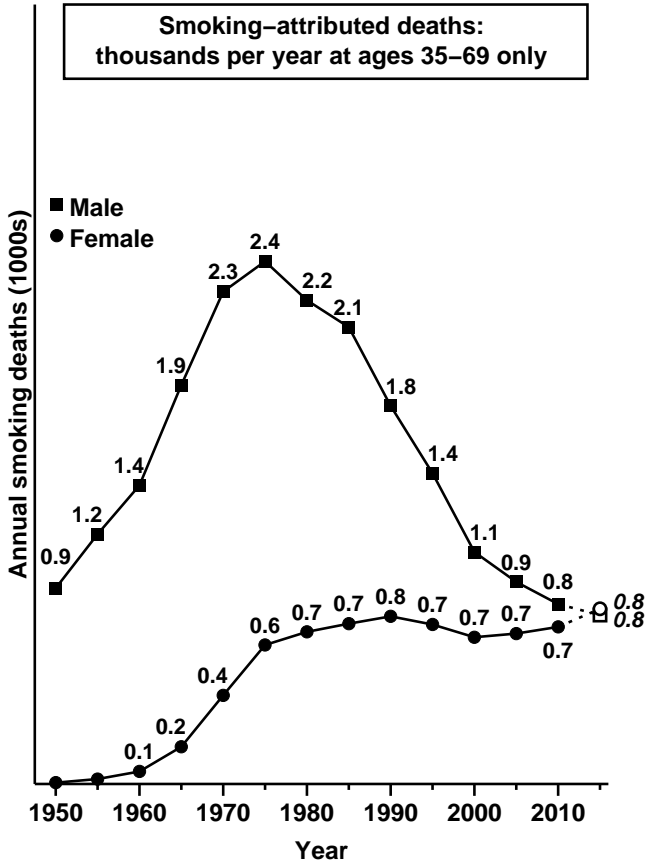
**60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020\*): 312 / 1617**

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

**1960–2020, by age & sex:**

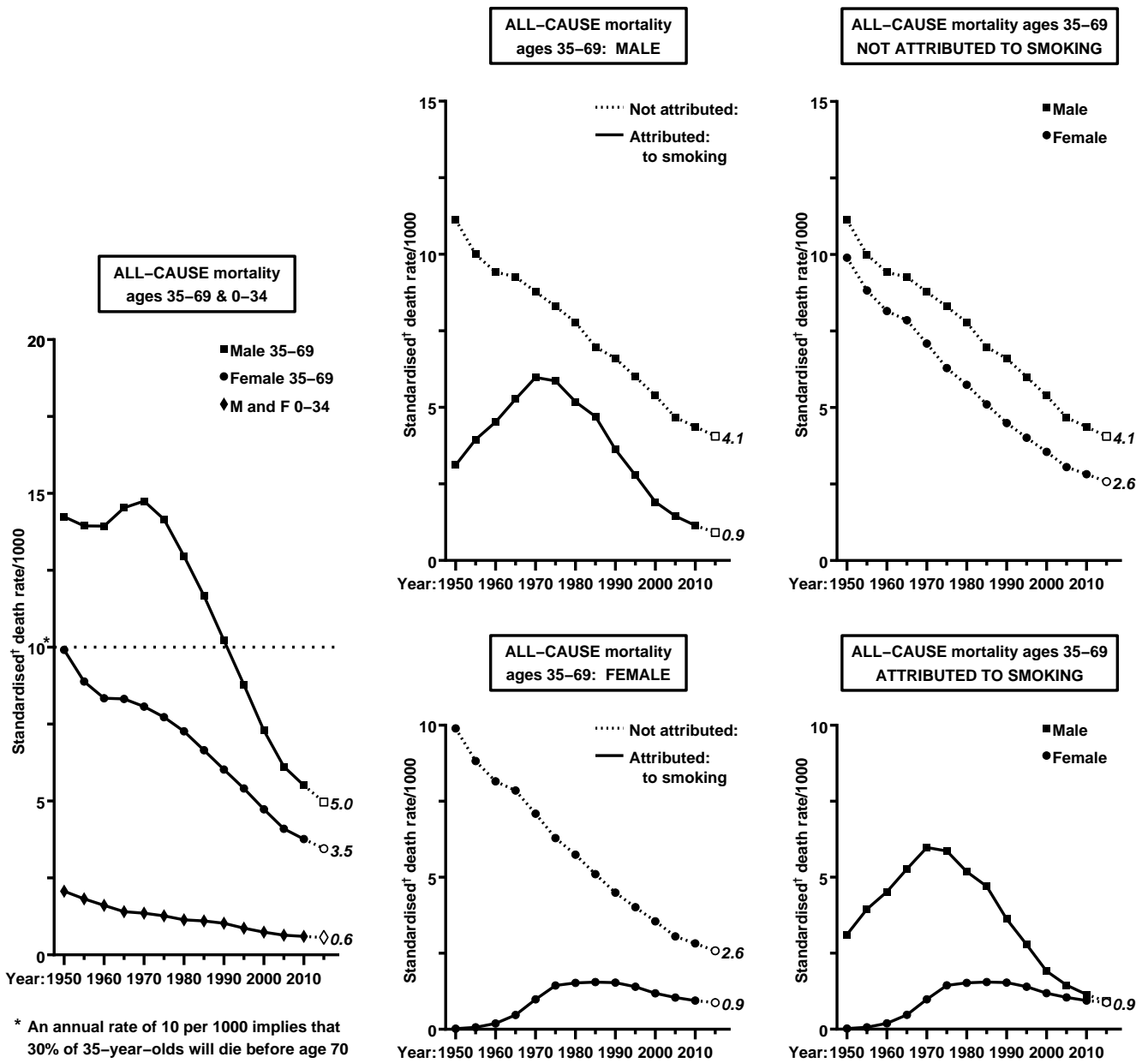
–/71	96/297 <b>(32%)</b>	108/478 <b>(23%)</b>	204/846	–/40	38/190 <b>(20%)</b>	70/540 <b>(13%)</b>	109/770
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1950-2015: NEW ZEALAND



**NEW ZEALAND: 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)

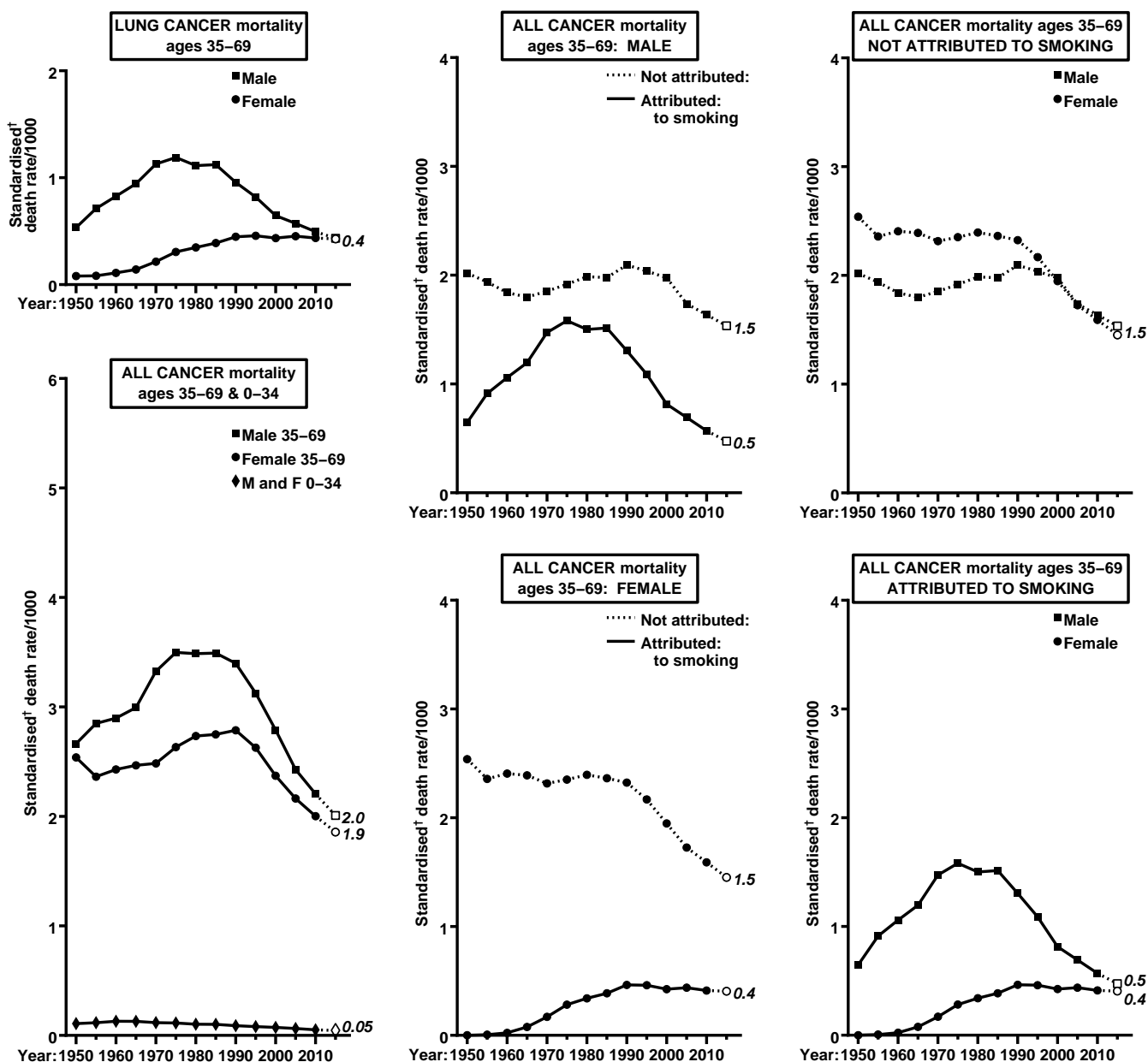
Year	MALE all-cause mortality (annual rate/1000, by age)							FEMALE all-cause mortality (annual rate/1000, by age)						
	Attributed to smoking?	0-34		35-69		70-79		Yes	No	Yes	No	Yes	No	
		Yes	No	Yes	No	Yes	No							
1950	-	-	2.40	3.11	11.1	5.43	69.2	-	1.73	0.02	9.89	0.00	58.1	
1955	-	-	2.18	3.95	9.99	9.14	65.9	-	1.45	0.06	8.82	0.00	53.6	
1960	-	-	1.94	4.52	9.42	13.0	64.5	-	1.28	0.19	8.15	0.41	52.0	
1965	-	-	1.75	5.27	9.26	18.7	67.3	-	1.05	0.47	7.85	0.46	49.3	
1970	-	-	1.68	5.98	8.77	21.2	59.1	-	1.03	0.98	7.09	1.50	46.5	
1975	-	-	1.62	5.86	8.29	22.8	53.1	-	0.91	1.44	6.29	3.14	41.3	
1980	-	-	1.45	5.18	7.78	21.8	49.6	-	0.82	1.52	5.74	4.71	35.8	
1985	-	-	1.41	4.70	6.97	20.7	46.9	-	0.79	1.55	5.10	5.57	33.5	
1990	-	-	1.38	3.62	6.60	16.7	43.3	-	0.67	1.53	4.49	5.88	28.6	
1995	-	-	1.12	2.78	6.00	14.2	38.6	-	0.61	1.40	4.01	5.90	25.0	
2000	-	-	0.97	1.91	5.38	11.4	33.6	-	0.50	1.18	3.55	6.23	20.7	
2005	-	-	0.82	1.45	4.67	8.59	28.9	-	0.45	1.04	3.05	5.29	18.9	
2010	-	-	0.75	1.14	4.37	6.93	26.1	-	0.45	0.94	2.82	5.27	16.6	
2015	-	-	0.69	0.91	4.06	5.61	23.6	-	0.44	0.87	2.58	5.29	14.5	

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



1950-2015: NEW ZEALAND

ALL CANCER mortality rates attributed and not attributed to smoking



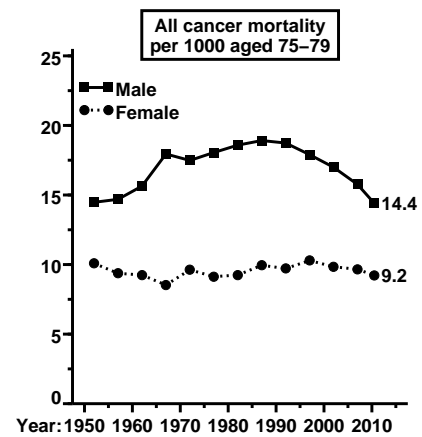
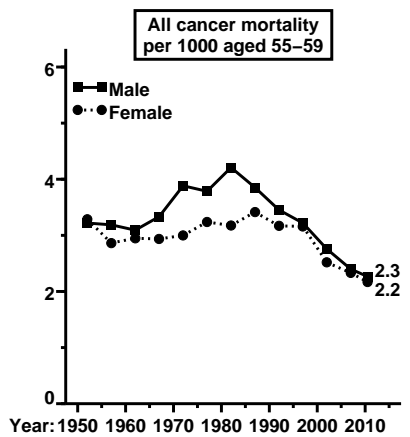
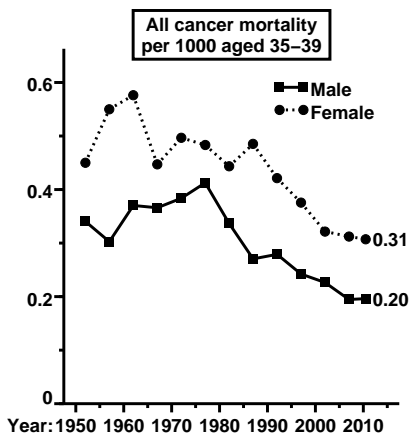
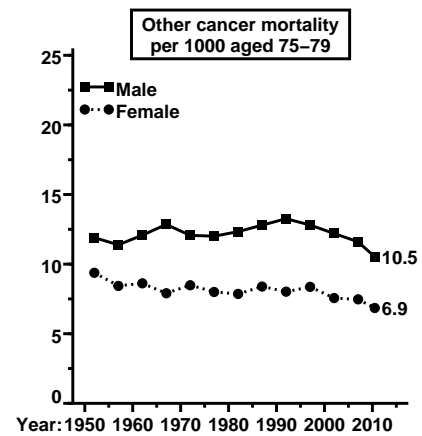
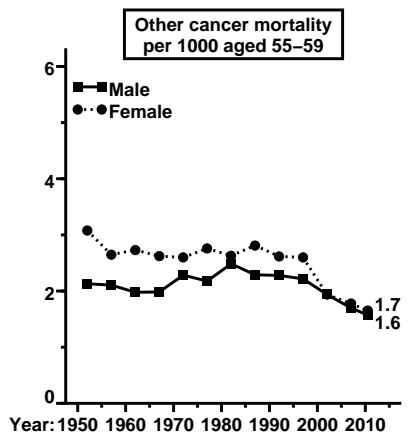
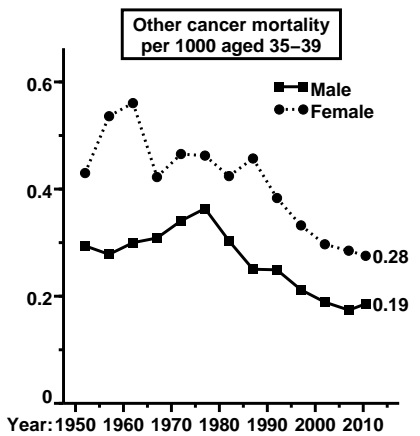
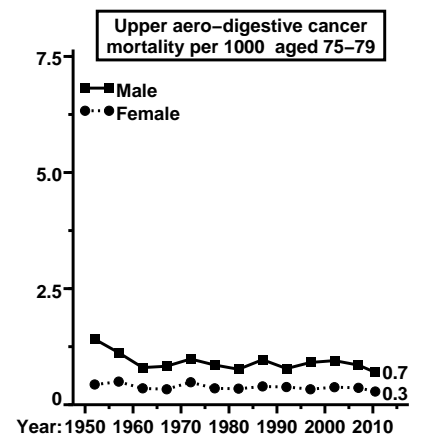
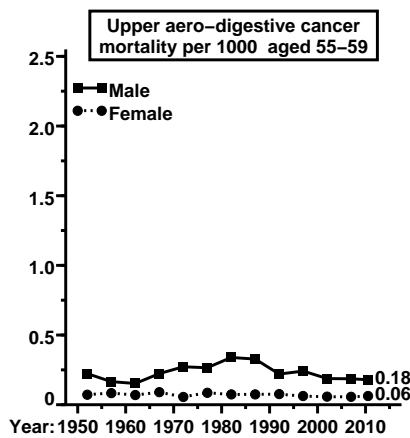
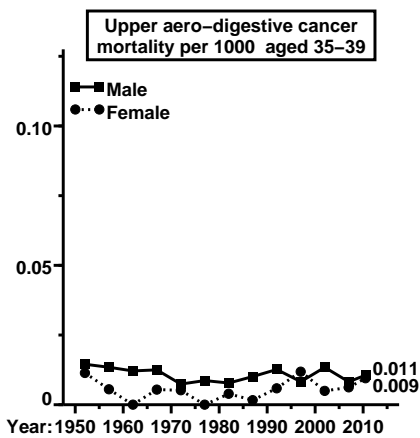
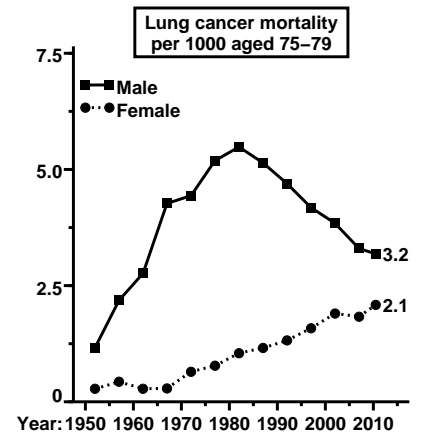
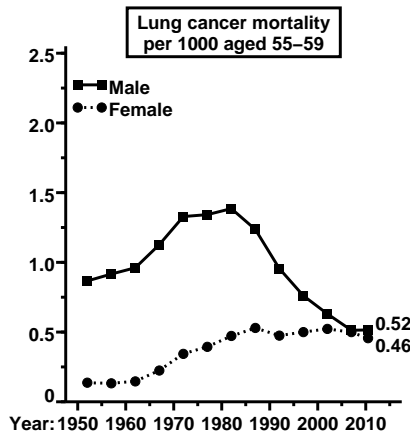
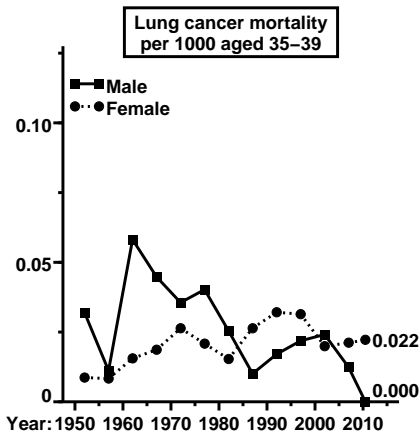
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

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		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	-	0.11	0.65	2.02	1.37	11.4	-	0.11	0.00	2.54	0.00	8.95	-	0.11	0.00	8.35
1955	-	0.12	0.91	1.94	2.20	10.3	-	0.11	0.01	2.36	0.00	8.35	-	0.12	0.02	7.88
1960	-	0.14	1.06	1.84	3.01	10.2	-	0.12	0.02	2.41	0.05	7.88	-	0.12	0.08	7.48
1965	-	0.14	1.20	1.80	4.18	10.1	-	0.12	0.08	2.39	0.07	7.48	-	0.10	0.17	7.71
1970	-	0.13	1.47	1.85	5.42	9.93	-	0.10	0.28	2.35	0.54	7.94	-	0.10	0.34	7.58
1975	-	0.12	1.58	1.92	6.18	9.70	-	0.10	0.34	2.39	0.90	7.58	-	0.09	0.39	7.73
1980	-	0.11	1.50	1.99	6.25	9.61	-	0.09	0.46	2.32	1.15	7.73	-	0.10	0.46	7.51
1985	-	0.10	1.51	1.98	6.38	10.1	-	0.10	0.46	2.17	1.52	7.48	-	0.08	0.42	7.00
1990	-	0.10	1.30	2.09	5.59	10.2	-	0.08	0.42	1.95	1.88	7.00	-	0.08	0.44	6.89
1995	-	0.08	1.09	2.04	5.25	10.5	-	0.08	0.41	1.59	1.91	6.23	-	0.07	0.41	6.23
2000	-	0.07	0.81	1.97	4.69	10.5	-	0.07	0.41	1.59	2.15	5.56	-	0.07	0.41	6.23
2005	-	0.06	0.69	1.74	3.88	9.79	-	0.06	0.41	1.59	1.91	6.23	-	0.06	0.41	6.23
2010	-	0.05	0.57	1.64	3.37	9.27	-	0.05	0.41	1.59	1.91	6.23	-	0.05	0.41	6.23
2015	-	0.04	0.47	1.53	2.93	8.79	-	0.05	0.40	1.45	2.15	5.56	-	0.05	0.40	5.56

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

**NEW ZEALAND: 1950-2011**

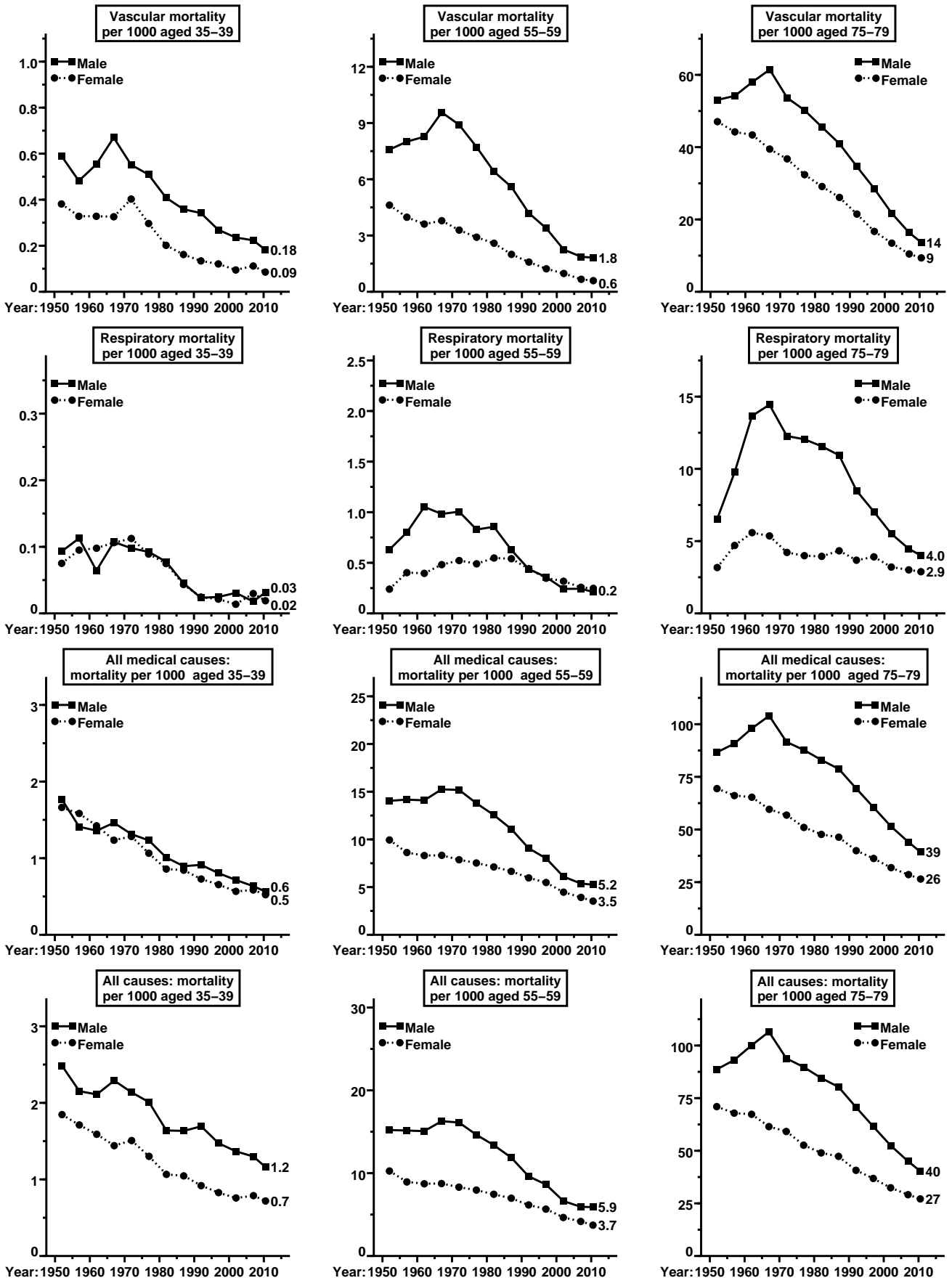
**Mortality\* trends at selected ages: 35-39, 55-59 & 75-79**



\* Annual mortality per 1000: averages of years available in 1950-54,.....,2005-09; then 2-year average 2010-11

1950-2011: NEW ZEALAND

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 2-year average 2010-11