MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

Richard Peto, Alan D Lopez, Hongchao Pan Jillian Boreham and Michael Thun

6 Peto, Lopez et al September 2015

ALL DEVELOPED COUNTRIES: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total death	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.3	-/0.2	
35–69	0.7/2.4	0.2 / 1.3	23 years
70+	0.7/3.8	0.5 / 4.9	7 years
All ages	1.4 / 6.5	0.7/6.4	14 years

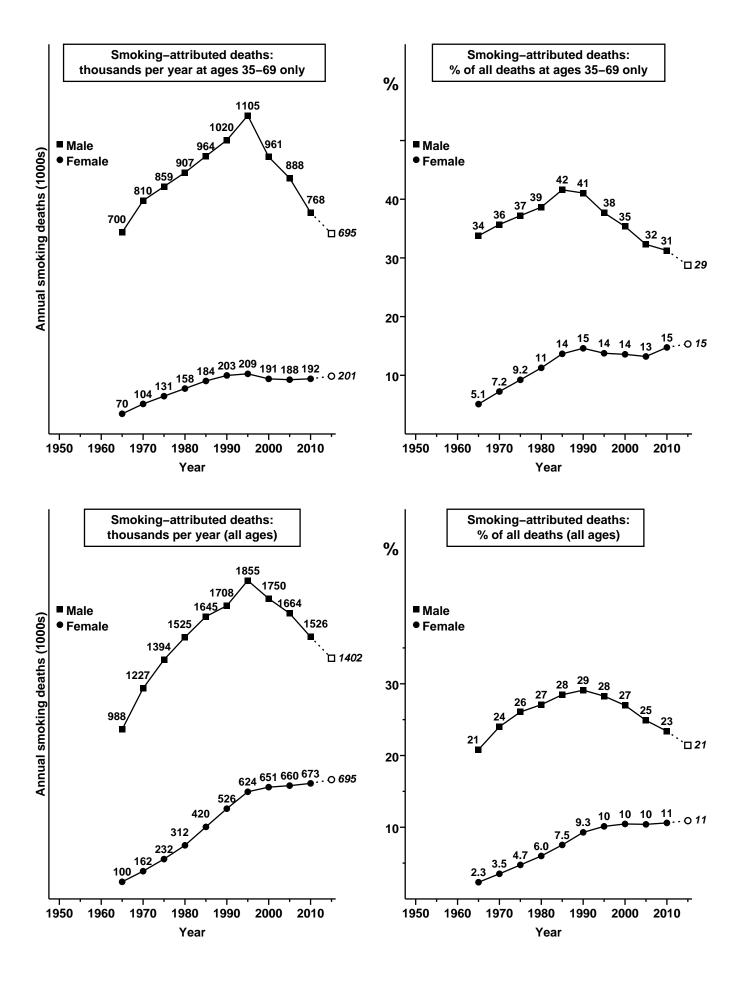
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)		Female (by age)			
Year	0–34	35–69	70+	All	0-34	35–69	70+	All
1955								
1965	-/664	700/2073 (34%)	288/2009 (14%)	988/4745	-/426	70/1376 (5%)	30/2482 (1%)	100/4284
1975	-/605	859/2309 (37%)	535/2433 (22%)	1394/5347	-/341	131/1425 (9%)	101/3134 (3%)	232/4900
1985	-/546	964/2318 (42%)	681/2914 (23%)	1645/5778	-/290	184/1348 (14%)	235/3929 (6%)	420/5567
1995	-/519	1105/2933 (38%)	750/3107 (24%)	1855/6559	-/238	209/1518 (14%)	415/4412 (9%)	624/6168
2005	-/409	888/2749 (32%)	776/3524 (22%)	1664/6682	-/182	188/1427 (13%)	472/4733 (10%)	660/6342
2015 proj.	-/310	695/2419 (29%)	707/3818 (19%)	1402/6547	-/151	201/1308 (15%)	494/4907 (10%)	695/6366

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 117 / 693M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/31M	52/148M	37/178M	89/357M -/16M	9.8/84M	17/236M	27/336M
	(35%)	(21%)		(12%)	(7%)	

1965-2015: ALL DEVELOPED COUNTRIES



EU15 (European Union - 15 countries): 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/36	-/19		
35–69	141 / 496	60/282	24 years	
70+	245 / 1305	152 / 1578	7 years	
All ages	385 / 1837	212 / 1878	13 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

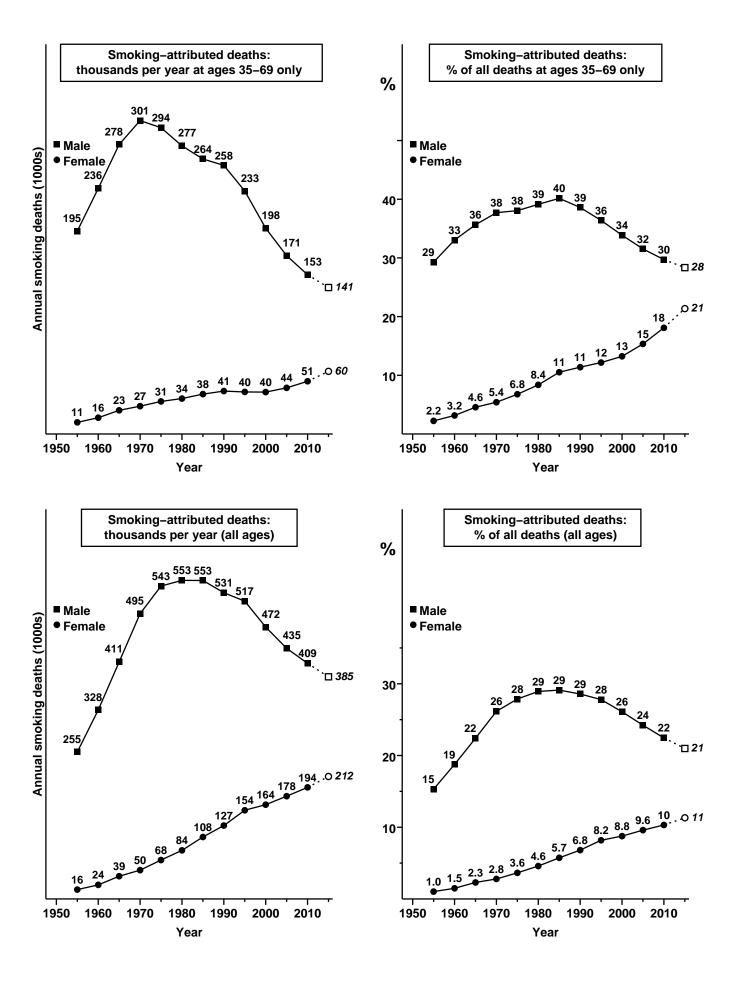
		Male (l	oy age)		Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	AII
1955	-/236	195/666 (29%)	60/763 (8%)	255/1665	-/174	11/502 (2%)	5.0/903 (0.6%)	16/1579
1965	-/183	278/780 (36%)	133/872 (15%)	411/1836	-/120	23/499 (5%)	17/1092 (2%)	39/1710
1975	-/136	294/773 (38%)	249/1039 (24%)	543/1947	-/78	31/462 (7%)	36/1313 (3%)	68/1853
1985	-/97	264/658 (40%)	288/1143 (25%)	553/1898	-/49	38/364 (11%)	69/1461 (5%)	108/1874
1995	-/85	233/641 (36%)	283/1133 (25%)	517/1859	-/38	40/332 (12%)	114/1511 (8%)	154/1881
2005	-/52	171/543 (32%)	264/1200 (22%)	435/1795	-/25	44/289 (15%)	134/1545 (9%)	178/1859
2015 proj.	-/36	141/496 (28%)	245/1305 (19%)	385/1837	-/19	60/282 (21%)	152/1578 (10%)	212/1878

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 36 / 222M

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

-/5.9M	14/39M	15/67M	28/112M -/3	3.3M 2.4/22	2M 5.2/85M	7.6/111M
	(36%)	(22%)		(11%	(6%)	

1955-2015: EU15 (European Union - 15 countries)



26 Peto, Lopez et al september 2015

EU13 recent (European Union - 13 countries): 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/18	-/7.2	_
35–69	99/267	27 / 124	22 years
70+	73 / 326	35 / 441	8 years
All ages	172 / 611	63/572	15 years

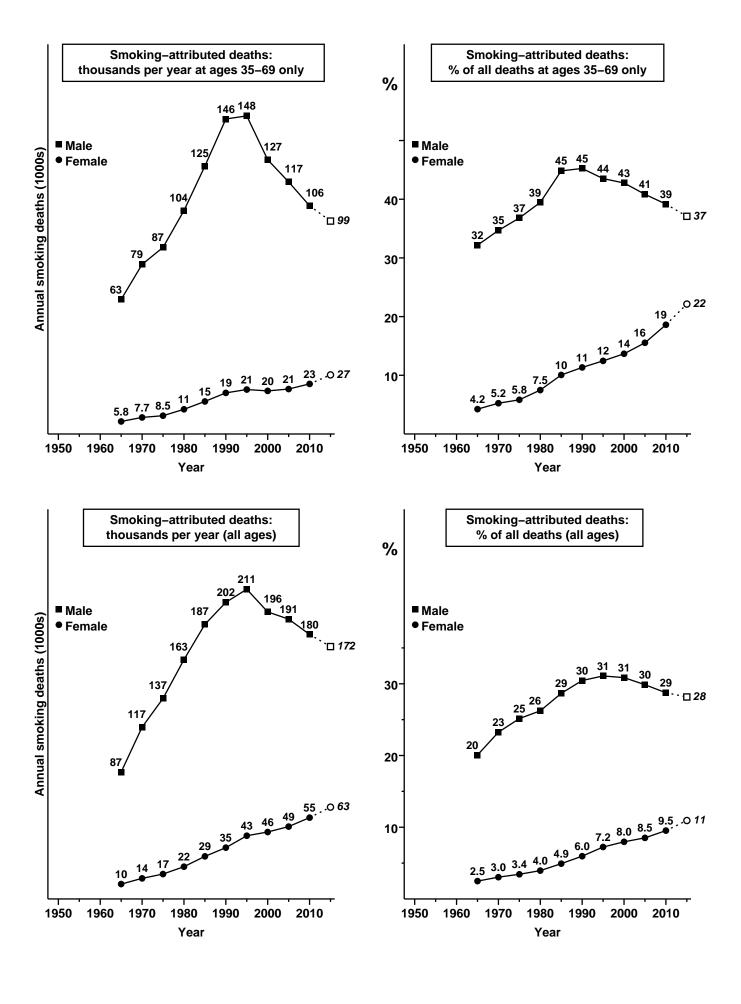
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)		Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All
1955		•••		•••		•••	•••	
1965	-/69	63/194 (32%)	24/168 (14%)	87/431	-/45	5.8/138 (4%)	4.3/224 (2%)	10/407
1975	-/67	87/236 (37%)	50/241 (21%)	137/544	-/39	8.5/146 (6%)	8.5/308 (3%)	17/494
1985	-/55	125/278 (45%)	63/320 (20%)	187/653	-/29	15/150 (10%)	14/410 (3%)	29/590
1995	-/41	148/340 (44%)	63/298 (21%)	211/679	-/19	21/166 (12%)	22/410 (5%)	43/595
2005	-/27	117/287 (41%)	74/325 (23%)	191/639	-/12	21/134 (16%)	28/433 (7%)	49/579
2015 proj.	-/18	99/267 (37%)	73/326 (22%)	172/611	-/7.2	27/124 (22%)	35/441 (8%)	63/572

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 12 / 68M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/2.8M	6.4/16M	3.5/17M	9.8/36M	-/1.5M	1.0/8.6M	1.1/22M	2.1/32M
	(40%)	(21%)			(11%)	(5%)	

1965-2015: EU13 recent (European Union - 13 countries)



36 Peto, Lopez et al september 2015

EU28 (European Union - 28 countries): 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/54	-/26	
35–69	240 / 763	88 / 406	23 years
70+	318 / 1631	187/2018	7 years
All ages	557/2448	275 / 2451	14 years

Numbers of deaths attributed to smoking / total deaths (thousands)

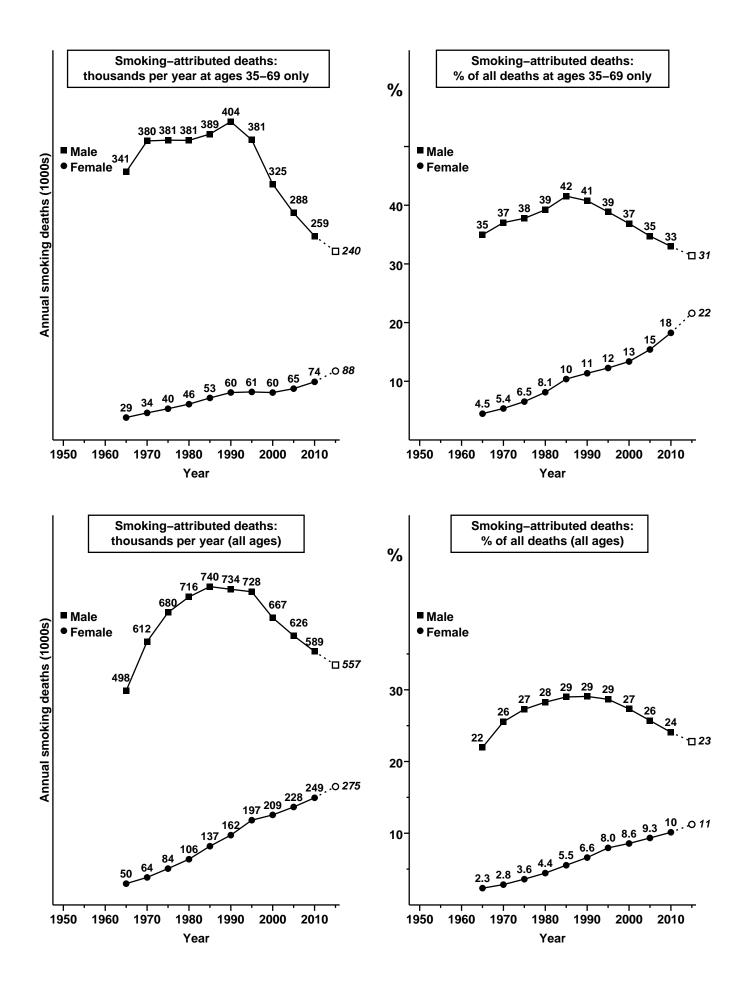
		Male (b	y age)		Female (by age)			
Year	0–34	35–69	70+	All	0-34	35–69	70+	All
1955			•••					
1965	-/252	341/974 (35%)	157/1040 (15%)	498/2267	-/165	29/637 (4%)	21/1316 (2%)	50/2117
1975	-/202	381/1009 (38%)	299/1280 (23%)	680/2491	-/118	40/608 (7%)	45/1621 (3%)	84/2346
1985	-/152	389/936 (42%)	351/1464 (24%)	740/2551	-/79	53/514 (10%)	83/1871 (4%)	137/2464
1995	-/126	381/981 (39%)	347/1431 (24%)	728/2538	-/57	61/498 (12%)	136/1921 (7%)	197/2476
2005	-/79	288/830 (35%)	337/1525 (22%)	626/2434	-/37	65/423 (15%)	162/1977 (8%)	228/2437
2015 proj.	-/54	240/763 (31%)	318/1631 (19%)	557/2448	-/26	88/406 (22%)	187/2018 (9%)	275/2451

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 48 / 290M

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

-/8.7M	20/55M	18/84M	38/147M -/4.8M	3.4/31M	6.3/107M	9.7/143M
	(37%)	(22%)		(11%)	(6%)	

1965-2015: EU28 (European Union - 28 countries)



AUSTRALIA: 1950-2015[‡]

[‡]2005 mortality involves average of 2004 & 2006 rates applied to 2005 population

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths (thousands)				
(years)	Male	Female	SMOKING			
0–34	-/3.1	-/1.6	_			
35–69	3.9/22	2.4 / 13	23 years			
70+	9.2 / 55	8.5 / 61	7 years			
All ages	13/80	11 / 76	11 years			

Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/6.1	4.9/21 (24%)	1.6/20 (8%)	6.4/47	-/3.8	0.0/13	0.0/20	0.0/36	
965	-/6.0	8.7/25 (35%)	4.3/25 (17%)	13/56	-/3.6	0.3/14 (2%)	0.0/27	0.3/44	
975	-/6.4	11/28 (39%)	7.4/28 (27%)	18/62	-/3.4	1.6/15 (11%)	0.8/31 (2%)	2.4/50	
985	-/5.4	9.2/24 (38%)	9.0/33 (27%)	18/62	-/2.7	2.3/13 (17%)	2.9/36 (8%)	5.2/52	
995	-/4.5	6.6/22 (30%)	9.9/41 (24%)	16/67	-/2.1	2.2/12 (18%)	5.9/45 (13%)	8.1/59	
005	-/3.4	4.2/20 (21%)	8.8/46 (19%)	13/69	-/1.7	1.9/12 (17%)	7.2/51 (14%)	9.2/65	
2015 proj.	-/3.1	3.9/22 (18%)	9.2/55 (17%)	13/80	-/1.6	2.4/13 (18%)	8.5/61 (14%)	11/76	

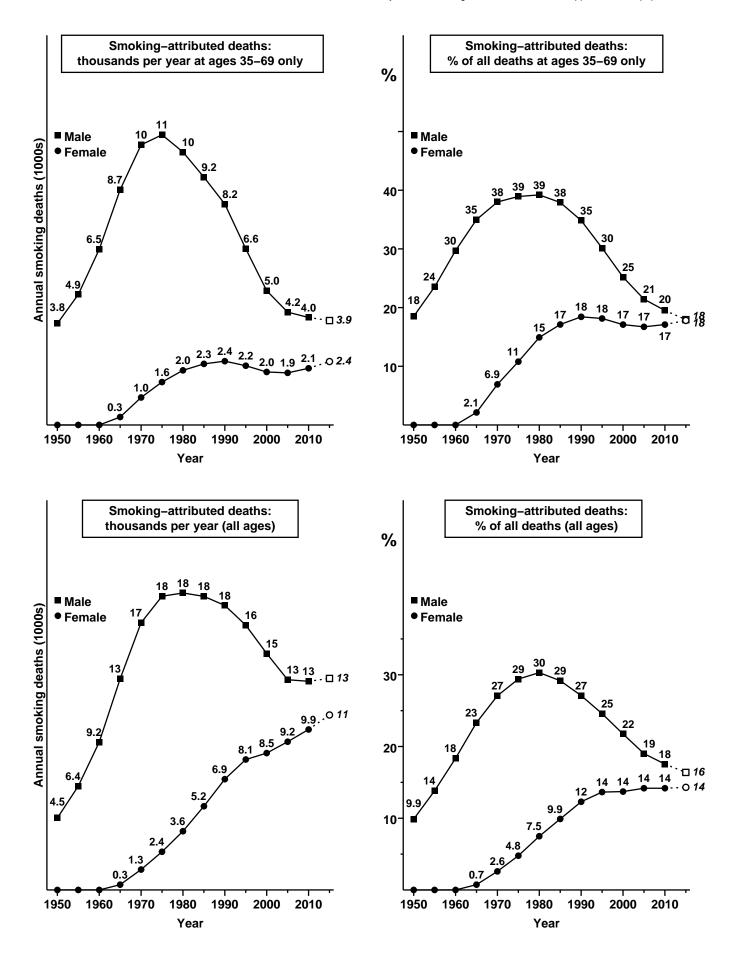
60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 1280 / 7415

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

-/288	434/1400	486/2269	920/3956	-/151	107/789	253/2520	360/3459
	(31%)	(21%)			(14%)	(10%)	

1950-2015[‡]: AUSTRALIA

[‡]2005 mortality involves average of 2004 & 2006 rates applied to 2005 population



AUSTRIA: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths (thousands)				
(years)	Male	Female	SMOKING			
0–34	-/0.9	-/0.4				
35–69	3.0 / 11	1.5 / 5.9	23 years			
70+	3.3/26	2.4 / 32	8 years			
All ages	6.2 / 38	3.9 / 38	14 years			

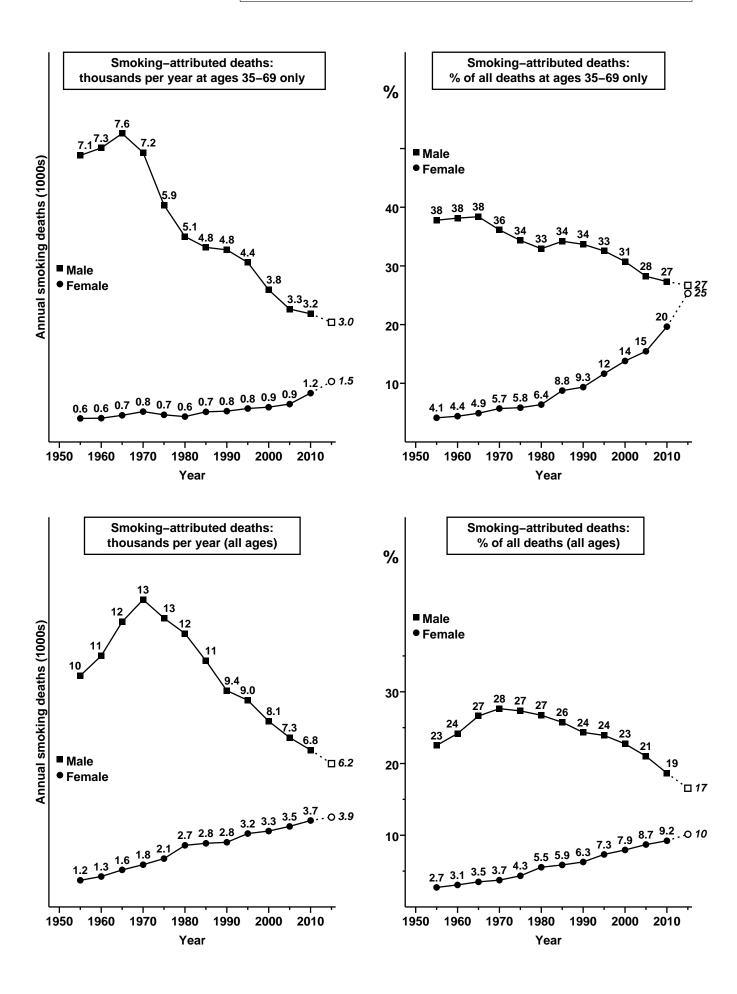
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/5.7	7.1/19 (38%)	2.9/20 (15%)	10/45	-/3.7	0.6/14 (4%)	0.6/25 (2%)	1.2/42	
965	-/4.5	7.6/20 (38%)	4.7/22 (21%)	12/46	-/2.7	0.7/14 (5%)	0.9/30 (3%)	1.6/46	
1975	-/3.5	5.9/17 (34%)	6.7/25 (26%)	13/46	-/1.8	0.7/12 (6%)	1.4/35 (4%)	2.1/48	
985	-/2.6	4.8/14 (34%)	5.9/25 (24%)	11/41	-/1.1	0.7/8.5 (9%)	2.0/37 (5%)	2.8/47	
995	-/1.9	4.4/14 (33%)	4.5/22 (21%)	9.0/37	-/0.8	0.8/7.1 (12%)	2.4/35 (7%)	3.2/43	
2005	-/1.1	3.3/12 (28%)	4.1/22 (18%)	7.3/35	-/0.5	0.9/6.1 (15%)	2.6/34 (8%)	3.5/40	
2015 Proj.	-/0.9	3.0/11 (27%)	3.3/26 (13%)	6.2/38	-/0.4	1.5/5.9 (25%)	2.4/32 (7%)	3.9/38	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 751 / 5071 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/144	290/876	291/1418	581/2437	-/73	54/527	117/2033	170/2634
	(33%)	(20%)			(10%)	(6%)	

1955-2015: AUSTRIA



BELARUS: 1980-2015[‡]

[‡]2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/3.6	-/1.2	_	
35–69	13/39	0.0 / 15	19 years	
70+	4.8/29	0.0 / 48	7 years	
All ages	18 / 72	0.0 / 65	16 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)				
Year	0-34	35–69	70+	AII	0-34	35–69	70+	All		
1955						•••	•••	•••		
1965										
1975										
1985	-/5.1	10/23 (44%)	3.3/20 (17%)	13/48	-/2.4	0.3/14	0.6/36	0.9/53		
1995	-/5.8	17/39 (44%)	4.7/22 (21%)	22/67	-/2.0	0.4/19	0.8/44	1.2/65		
2005	-/4.9	15/40 (37%)	6.5/29 (23%)	21/74	-/1.5	0.0/17	0.0/47	0.0/66		
2015 broj.	-/3.6	13/39 (35%)	4.8/29 (16%)	18/72	-/1.2	0.0/15	0.0/48	0.0/65		

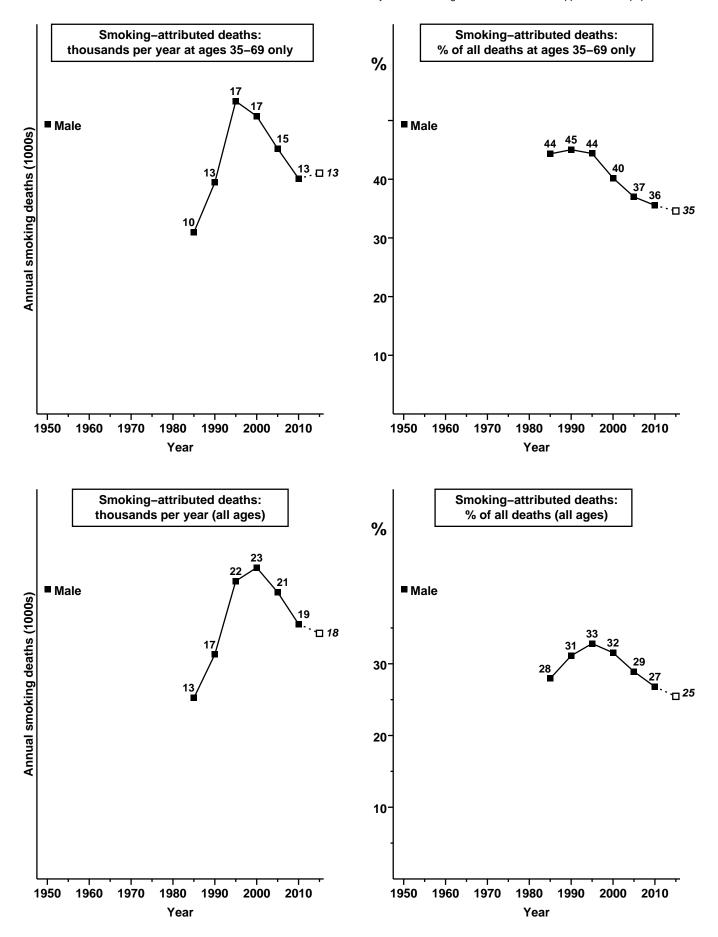
40-year total (thousands), decade of 1980s to decade of 2010s (1980-2020*): 774 / 5090

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

-/193	558/1410	194/1008	752/2612	-/71	7.2/657	14/1750	21/2478
	(40%)	(19%)			(1%)	(0.8%)	

1985-2015[‡]: BELARUS

[‡]2010 mortality involves 2009 rates applied to 2010 population and 2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



BELGIUM: 1950-2015[‡]

[‡]2000 mortality involves 1999 rates applied to 2000 population

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths (thousands)				
(years)	Male	Female	SMOKING			
0–34	-/1.3	-/0.7				
35–69	5.2 / 16	2.4 / 9.4	23 years			
70+	7.7 / 34	3.1 / 42	7 years			
All ages	13/52	5.5 / 52	14 years			

Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/6.0	7.9/24 (33%)	2.0/28 (7%)	9.8/57	-/4.1	0.0/16	0.0/31	0.0/50	
1965	-/4.6	12/26 (44%)	5.2/30 (17%)	17/61	-/2.9	0.2/15 (1%)	0.1/35 (0.4%)	0.3/53	
1975	-/3.6	12/24 (49%)	10/34 (29%)	22/62	-/2.0	0.5/13 (4%)	0.6/40 (2%)	1.1/55	
1985	-/2.9	9.7/20 (49%)	12/34 (35%)	22/57	-/1.5	0.7/11 (7%)	1.0/42 (2%)	1.7/54	
1995	-/2.3	8.0/18 (45%)	11/33 (34%)	19/53	-/1.1	1.1/9.4 (12%)	2.1/41 (5%)	3.3/52	
2005	-/1.6	5.6/15 (37%)	9.7/34 (29%)	15/51	-/0.8	1.4/8.3 (17%)	3.2/43 (7%)	4.6/52	
2015 broj.	-/1.3	5.2/16 (33%)	7.7/34 (22%)	13/52	-/0.7	2.4/9.4 (25%)	3.1/42 (8%)	5.5/52	

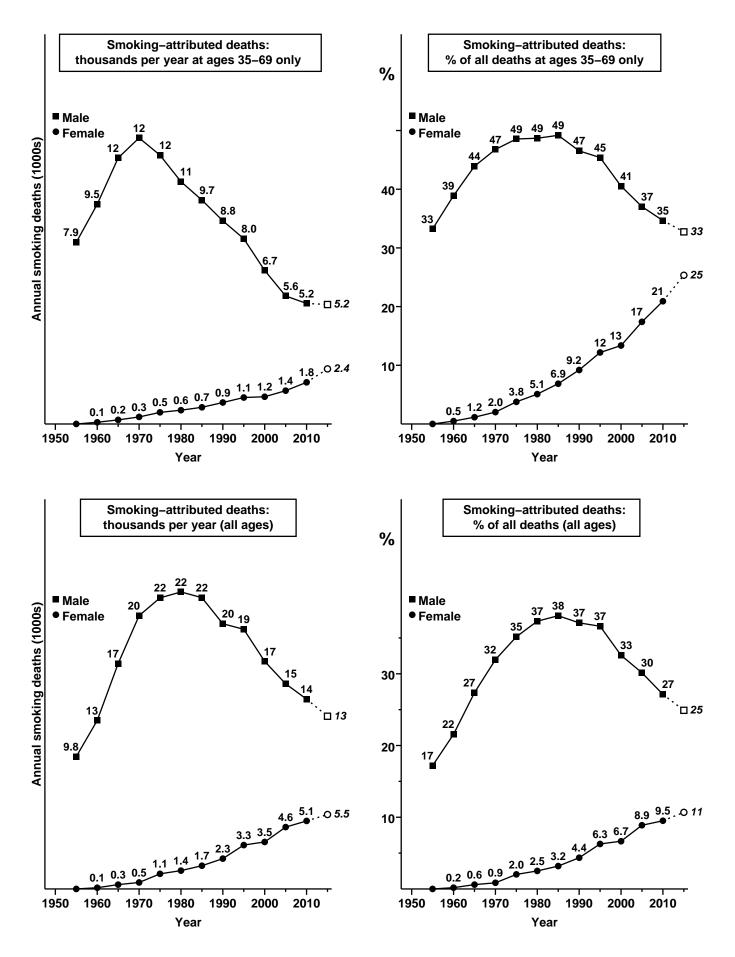
60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 1240 / 6531

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

-/164	517/1186	558/1996	1075/3346	-/89	64/665	102/2431	166/3185
	(44%)	(28%)			(10%)	(4%)	

1955-2015[‡]: BELGIUM

[‡]2000 mortality involves 1999 rates applied to 2000 population



BULGARIA: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/1.4	-/0.7	_	
35–69	8.3/21	1.1 / 9.9	21 years	
70+	4.3 / 31	0.9/39	8 years	
All ages	13/53	2.1 / 50	16 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

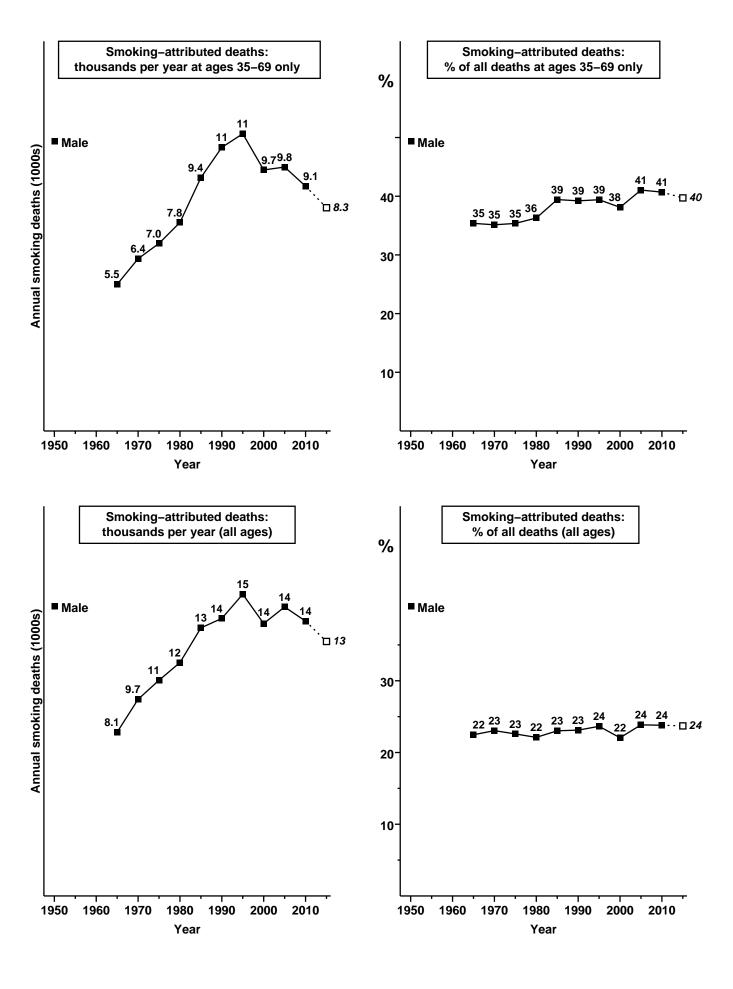
		Male (I	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955							•••		
1965	-/4.8	5.5/15 (35%)	2.7/16 (17%)	8.1/36	-/3.3	0.9/11 (9%)	0.9/19 (5%)	1.8/33	
1975	-/4.4	7.0/20 (35%)	3.7/23 (16%)	11/47	-/2.7	0.9/12 (7%)	0.9/26 (3%)	1.7/41	
985	-/3.4	9.4/24 (39%)	3.9/30 (13%)	13/58	-/2.0	1.0/13 (8%)	1.0/32 (3%)	2.0/47	
995	-/2.9	11/28 (39%)	3.9/32 (12%)	15/63	-/1.5	1.0/14 (7%)	1.1/36 (3%)	2.2/52	
2005	-/2.0	9.8/24 (41%)	4.5/34 (13%)	14/60	-/1.0	1.0/12 (9%)	0.8/40 (2%)	1.8/52	
2015 oroj.	-/1.4	8.3/21 (40%)	4.3/31 (14%)	13/53	-/0.7	1.1/9.9 (11%)	0.9/39 (2%)	2.1/50	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 856 / 5911

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

-/189	510/1319	230/1669	740/3177	-/112	60/708	56/1914	116/2734
	(39%)	(14%)			(8%)	(3%)	

1965-2015: BULGARIA



CANADA: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/4.4	-/2.6		
35–69	9.6 / 40	7.4/26	23 years	
70+	18 / 84	23/97	7 years	
All ages	28 / 129	30 / 126	12 years	

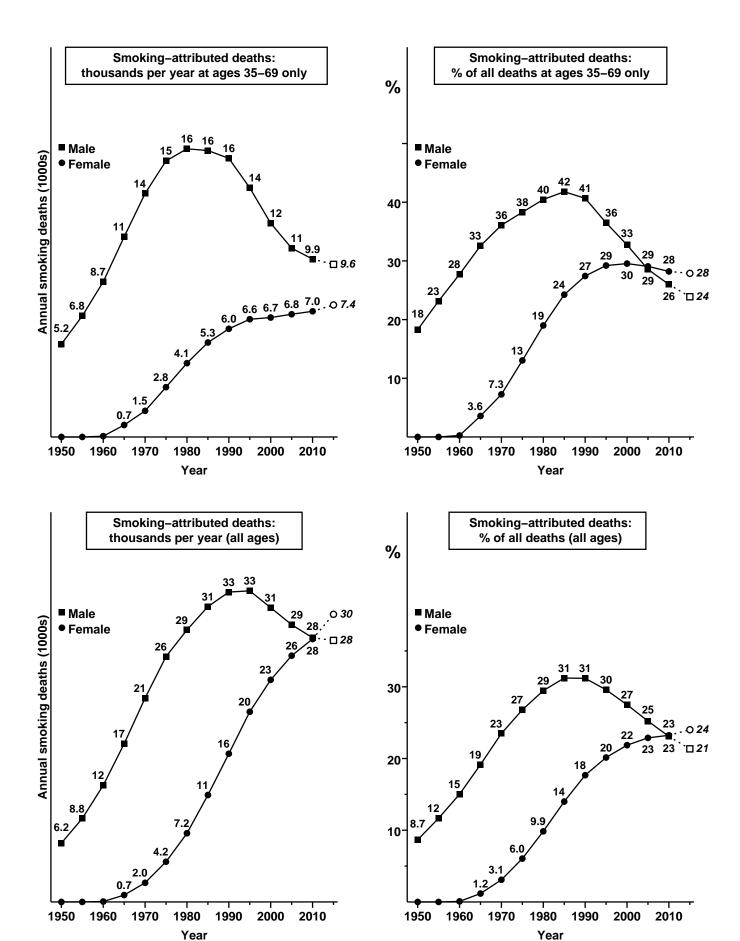
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/1 4	6.8/29 (23%)	2.0/32 (6%)	8.8/75	-/9.7	0.0/17	0.0/27	0.0/54	
1965	-/12	11/34 (33%)	5.5/40 (14%)	17/87	-/7.6	0.7/19 (4%)	0.1/35 (0.2%)	0.7/61	
1975	-/11	15/40 (38%)	10/45 (23%)	26/96	-/5.6	2.8/21 (13%)	1.5/43 (3%)	4.2/70	
1985	-/8.2	16/38 (42%)	15/53 (28%)	31/100	-/3.9	5.3/22 (24%)	6.0/55 (11%)	11/80	
1995	-/6.7	14/38 (36%)	19/66 (29%)	33/111	-/3.2	6.6/22 (29%)	13/74 (18%)	20/99	
2005	-/5.0	11/37 (29%)	19/74 (25%)	29/116	-/2.6	6.8/24 (29%)	19/87 (22%)	26/113	
2015 proj.	-/4.4	9.6/40 (24%)	18/84 (21%)	28/129	-/2.6	7.4/26 (28%)	23/97 (24%)	30/126	

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 2557 / 11898 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/477	766/2280	866/3633	1632/6389	-/256	295/1341	630/3912	925/5510
	(34%)	(24%)			(22%)	(16%)	

1950-2015: CANADA



CAUCASIA (3 countries): 1980-2015

See note on page 105

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/7.4	-/4.6	_	
35–69	9.3 / 42	0.5 / 22	19 years	
70+	3.2 / 42	1.0 / 62	7 years	
All ages	13/92	1.5 / 89	16 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

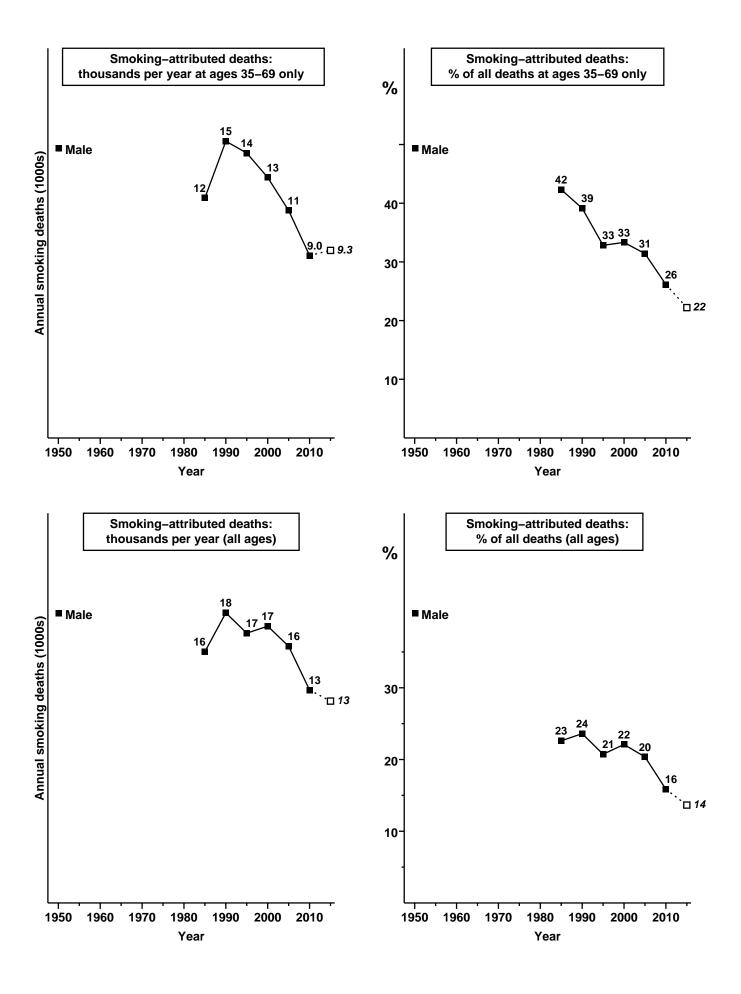
		Male (b	oy age)			Female (by age)			
Year	0–34	35–69	70+	All	0-34	35–69	70+	All	
1955		•••				•••	•••		
1965									
975									
1985	-/15	12/28 (42%)	3.7/26 (14%)	16/69	-/11	1.2/18 (7%)	1.0/38 (3%)	2.2/67	
995	-/14	14/43 (33%)	2.6/24 (11%)	17/81	-/8.3	1.1/24 (4%)	0.2/39 (0.6%)	1.3/71	
2005	-/7.4	11/36 (31%)	4.6/35 (13%)	16/78	-/4.6	0.9/22 (4%)	1.3/45 (3%)	2.2/71	
2015 oroj.	-/7.4	9.3/42 (22%)	3.2/42 (8%)	13/92	-/4.6	0.5/22 (2%)	1.0/62 (2%)	1.5/89	

40-year total (thousands), decade of 1980s to decade of 2010s (1980-2020*): 679 / 6179

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

-/438	466/1489	141/1265	607/3192	-/286	37/853	36/1848	72/2987
	(31%)	(11%)			(4%)	(2%)	

1985-2015: CAUCASIA (3 countries)



Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/53	-/33	-	
35–69	33 / 148	1.8 / 87	17 years	
70+	8.0 / 89	0.9 / 117	7 years	
All ages	41 / 289	2.7/237	15 years	

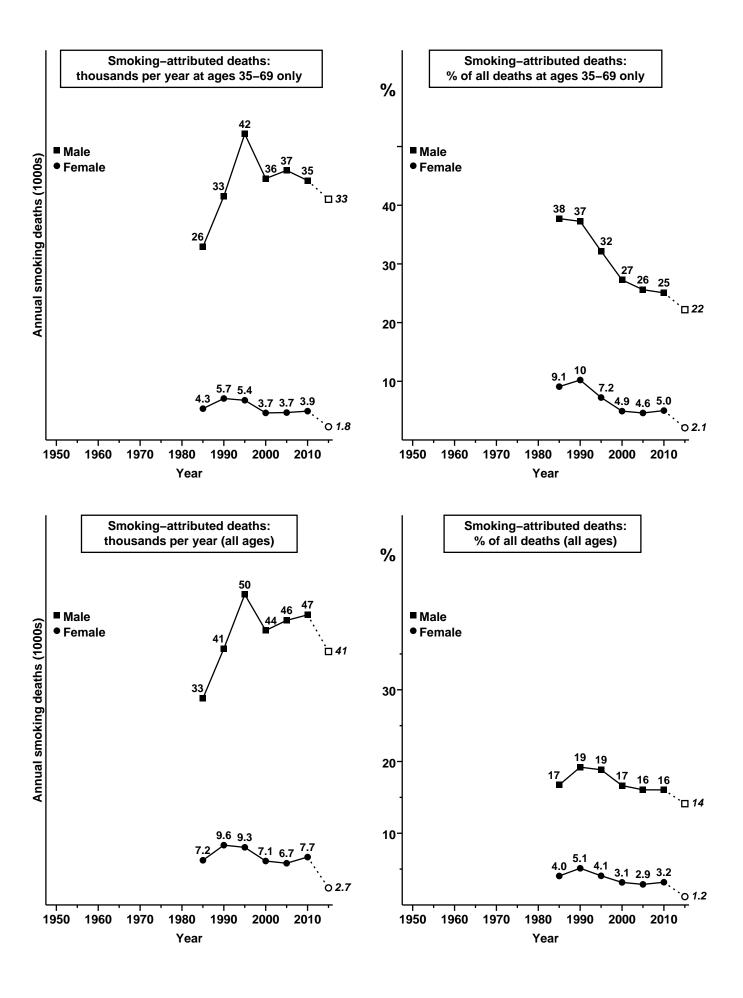
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	AII	
1955			•••	•••		•••	•••		
1965									
1975									
1985	-/78	26/70 (38%)	7.0/51 (14%)	33/199	-/58	4.3/47 (9%)	2.9/73 (4%)	7.2/178	
1995	-/75	42/130 (32%)	8.3/61 (14%)	50/265	-/50	5.4/75 (7%)	3.9/104 (4%)	9.3/228	
2005	-/57	37/144 (26%)	9.1/85 (11%)	46/286	-/34	3.7/81 (5%)	3.0/119 (3%)	6.7/234	
2015 proj.	-/53	33/148 (22%)	8.0/89 (9%)	41/289	-/33	1.8/87 (2%)	0.9/117 (0.8%)	2.7/237	

40—year total (M=millions), decade of 1980s to decade of 2010s (1980–2020*): 2.0 / 19M *Estimated as 10 times the sum of the annual numbers for 1985, 1995, 2005 and 2015

-/2.6M	1.4/4.9M	0.3/2.9M	1.7/10M	-/1.7M	0.2/2.9M	0.1/4.1M	0.3/8.8M
	(28%)	(11%)			(5%)	(3%)	

1985-2015: CENTRAL ASIA (5 countries)



CZECH REPUBLIC: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM			
(years)	Male	Female	SMOKING		
0–34	-/1.1	-/0.5	_		
35–69	6.3/21	2.1 / 10	21 years		
70+	6.2 / 31	4.3 / 39	8 years		
All ages	13/53	6.4 / 50	14 years		

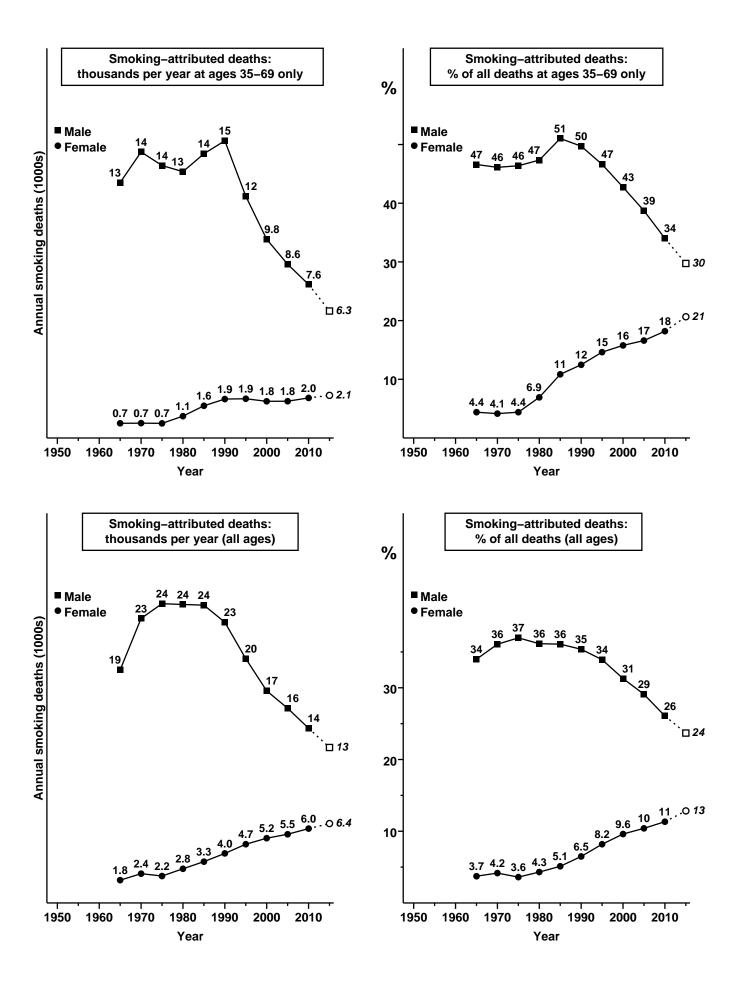
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)				
Year	0-34	35–69	70+	AII	0-34	35–69	70+	All		
1955										
1965	-/4.7	13/27 (47%)	6.1/23 (26%)	19/55	-/2.5	0.7/17 (4%)	1.1/30 (4%)	1.8/49		
1975	-/4.9	14/29 (46%)	11/31 (34%)	24/65	-/2.6	0.7/17 (4%)	1.4/41 (4%)	2.2/60		
1985	-/3.3	14/28 (51%)	9.9/36 (28%)	24/66	-/1.7	1.6/15 (11%)	1.7/49 (4%)	3.3/65		
1995	-/2.5	12/26 (47%)	7.7/30 (26%)	20/58	-/1.1	1.9/13 (15%)	2.8/43 (6%)	4.7/58		
2005	-/1.8	8.6/22 (39%)	7.1/30 (24%)	16/54	-/0.7	1.8/11 (17%)	3.7/42 (9%)	5.5/53		
2015 broj.	-/1.1	6.3/21 (30%)	6.2/31 (20%)	13/53	-/0.5	2.1/10 (21%)	4.3/39 (11%)	6.4/50		

60-year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 1388 / 6871 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/182	672/1530	476/1805	1148/3518	-/92	89/823	151/2438	240/3353
	(44%)	(26%)			(11%)	(6%)	

1965-2015: CZECH REPUBLIC



DENMARK: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM			
(years)	Male	Female	SMOKING		
0–34	-/0.4	-/0.3			
35–69	1.7 / 7.8	1.6 / 5.1	22 years		
70+	3.8 / 17	6.1/20	7 years		
All ages	5.5 / 25	7.7/26	11 years		

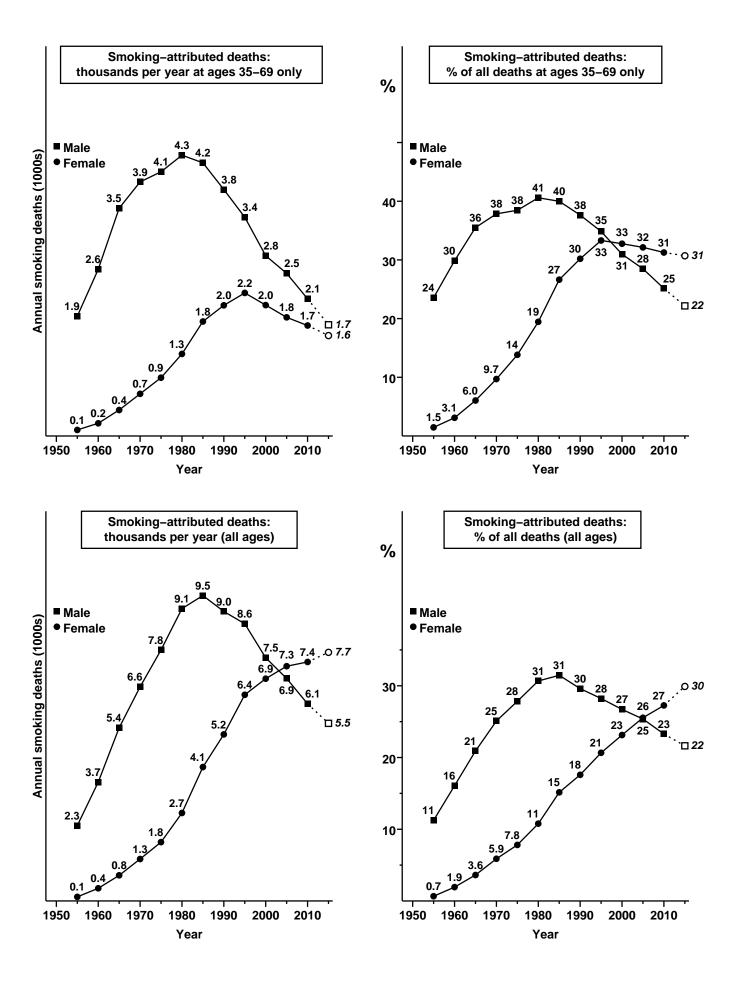
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (k	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/2.2	1.9/7.9 (24%)	0.5/11 (5%)	2.3/21	-/1.5	0.1/6.4 (1%)	0.0/11	0.1/19	
1965	-/1.9	3.5/9.9 (36%)	1.8/14 (13%)	5.4/26	-/1.2	0.4/6.7 (6%)	0.4/14 (3%)	0.8/22	
1975	-/1.5	4.1/11 (38%)	3.7/16 (23%)	7.8/28	-/0.8	0.9/6.5 (14%)	0.9/16 (6%)	1.8/23	
1985	-/1.3	4.2/11 (40%)	5.2/18 (29%)	9.5/30	-/0.6	1.8/6.7 (27%)	2.4/20 (12%)	4.1/27	
995	-/1.0	3.4/9.7 (35%)	5.2/20 (26%)	8.6/30	-/0.5	2.2/6.7 (33%)	4.2/24 (18%)	6.4/31	
2005	-/0.7	2.5/8.8 (28%)	4.4/18 (25%)	6.9/27	-/0.3	1.8/5.7 (32%)	5.4/22 (24%)	7.3/28	
2015 oroj.	-/0.4	1.7/7.8 (22%)	3.8/17 (22%)	5.5/25	-/0.3	1.6/5.1 (31%)	6.1/20 (30%)	7.7/26	

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 717 / 3244 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/68	195/575	241/1024	436/1667	-/37	87/373	194/1167	281/1577
	(34%)	(24%)			(23%)	(17%)	

1955-2015: DENMARK



ESTONIA: 1980-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM			
(years)	Male	Female	SMOKING		
0–34	-/0.3	-/0.1	-		
35–69	0.8 / 2.8	0.1 / 1.2	21 years		
70+	1.0 / 4.1	0.2 / 6.3	8 years		
All ages	1.9 / 7.1	0.4 / 7.5	13 years		

Numbers of deaths attributed to smoking / total deaths

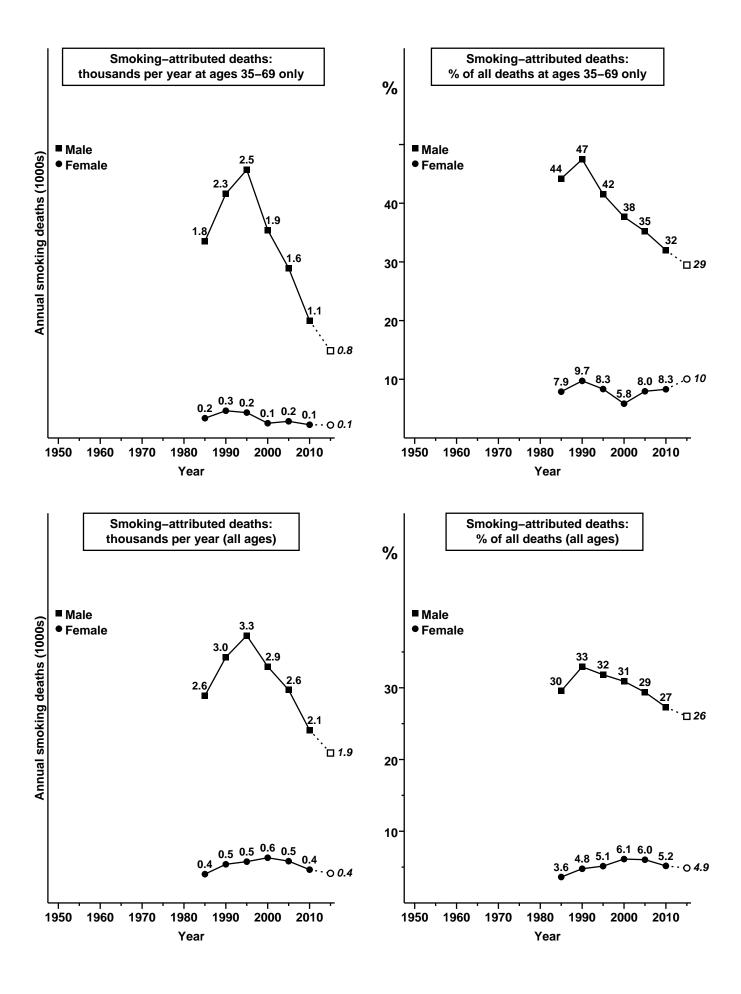
		Male (k	oy age)		Female (by age)			
Year	0-34	35–69	70+	All	0–34	35–69	70+	All
1955		•••				•••	•••	•••
1965								
1975								
1985	-/880	1828/4136 (44%)	741/3674 (20%)	2569/8690	-/384	184/2331 (8%)	173/7172 (2%)	357/9887
1995	-/847	2493/6002 (42%)	821/3566 (23%)	3314/10415	-/289	236/2831 (8%)	276/6847 (4%)	512/9967
2005	-/504	1579/4485 (35%)	1061/3996 (27%)	2640/8985	-/159	155/1948 (8%)	363/6481 (6%)	518/8588
2015 proj.	-/321	811/2753 (29%)	1047/4067 (26%)	1858/7141	-/86	120/1196 (10%)	247/6254 (4%)	367/7536

40-year total (thousands), decade of 1980s to decade of 2010s (1980-2020*): 121 / 712

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

-/26	67/174	37/153	104/352	-/9.2	6.9/83	11/268	18/360
	(39%)	(24%)			(8%)	(4%)	

1985-2015: ESTONIA



FINLAND: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/0.7	-/0.3		
35–69	1.7 / 8.9	0.6 / 4.3	20 years	
70+	2.2 / 17	1.6/21	7 years	
All ages	3.9/26	2.3/26	12 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

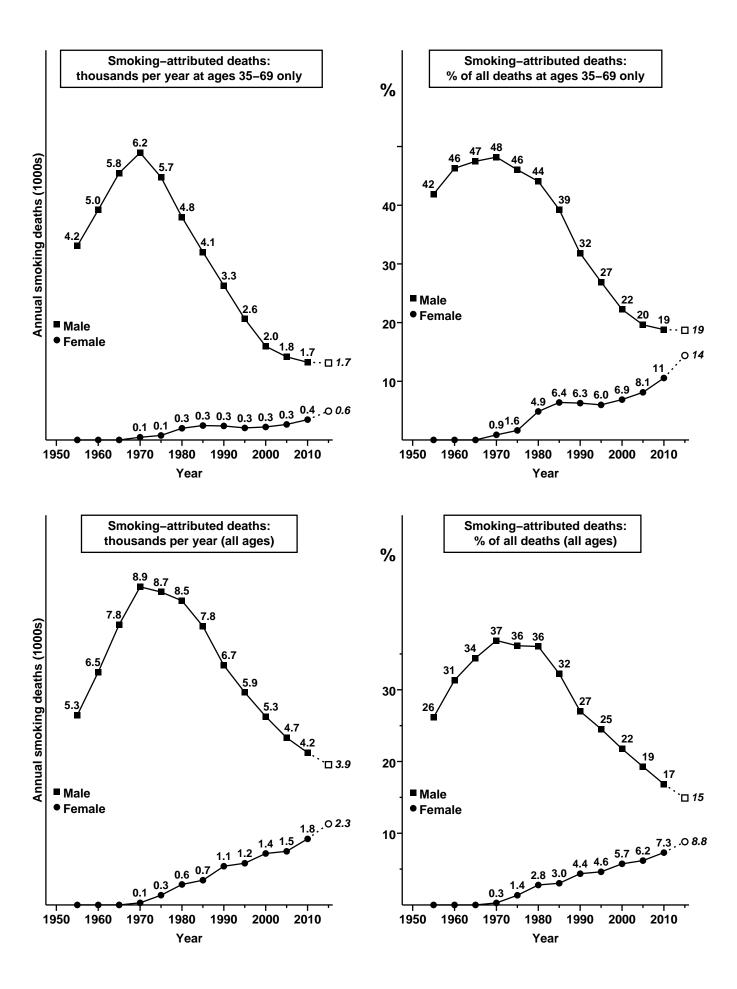
		Male (k	y age)			Female (by age)			
Year	0-34	35–69	70+	AII	0-34	35–69	70+	All	
1955	-/3.5	4.2/10 (42%)	1.1/6.7 (16%)	5.3/20	-/2.2	0.0/6.7	0.0/10	0.0/19	
1965	-/2.3	5.8/12 (47%)	2.0/8.2 (25%)	7.8/23	-/1.3	0.0/6.9	0.0/12	0.0/21	
1975	-/2.0	5.7/12 (46%)	3.0/9.8 (31%)	8.7/24	-/0.8	0.1/6.0 (2%)	0.2/13 (1%)	0.3/20	
1985	-/1.4	4.1/10 (39%)	3.7/12 (30%)	7.8/24	-/0.6	0.3/4.9 (6%)	0.4/17 (2%)	0.7/23	
1995	-/1.1	2.6/9.8 (27%)	3.3/13 (25%)	5.9/24	-/0.4	0.3/4.4 (6%)	0.9/20 (4%)	1.2/25	
2005	-/0.8	1.8/9.2 (20%)	2.9/14 (20%)	4.7/24	-/0.3	0.3/4.2 (8%)	1.2/20 (6%)	1.5/24	
2015 broj.	-/0.7	1.7/8.9 (19%)	2.2/17 (14%)	3.9/26	-/0.3	0.6/4.3 (14%)	1.6/21 (8%)	2.3/26	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 447 / 2839

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

-/83	217/628	172/744	388/1455	-/38	16/307	42/1038	59/1383
	(34%)	(23%)			(5%)	(4%)	

1955-2015: FINLAND



Former CZECHOSLOVAKIA: 1965-1990

Numbers of deaths attributed to smoking / total deaths (thousands)

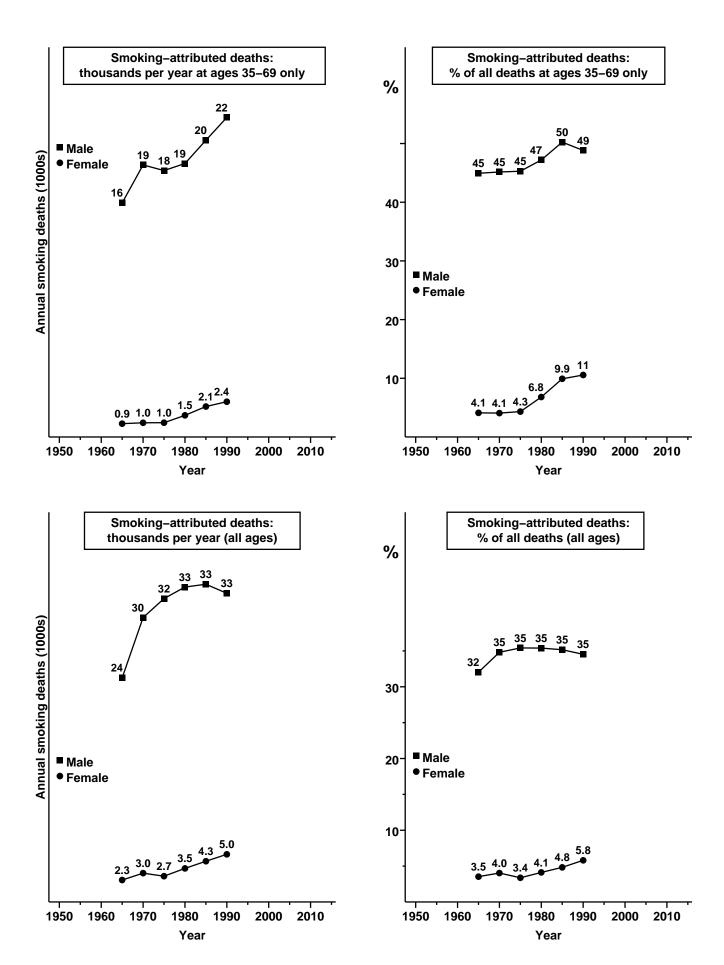
		Male (k	oy age)		Female (by age)				
Year	0-34	35–69	70+	All	0–34	35–69	70+	All	
1950									
1955							•••	•••	
960							•••	•••	
1965	-/7.5	16/36 (45%)	7.6/31 (25%)	24/74	-/4.2	0.9/22 (4%)	1.4/39 (4%)	2.3/65	
1970	-/7.8	19/41 (45%)	11/37 (31%)	30/86	-/4.1	1.0/24 (4%)	2.1/47 (4%)	3.0/75	
1975	-/7.8	18/40 (45%)	14/42 (33%)	32/90	-/4.3	1.0/23 (4%)	1.7/54 (3%)	2.7/80	
980	-/6.8	19/39 (47%)	15/47 (31%)	33/94	-/3.6	1.5/22 (7%)	2.1/61 (3%)	3.5/86	
985	-/5.6	20/40 (50%)	13/49 (27%)	33/95	-/2.9	2.1/21 (10%)	2.2/65 (3%)	4.3/89	
990	-/4.9	22/45 (49%)	11/45 (24%)	33/94	-/2.5	2.4/23 (11%)	2.6/61 (4%)	5.0/86	
995		•••	•••				•••		
2000									
2005									
2010		•••					•••		
2015									

30–year total (thousands), decade of 1960s to decade of 1980s (1960–1990*): 983/4938 *Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

1960-1990, by age & sex:

-/209	543/1159	347/1223	890/2591	-/114	40/656	54/1577	93/2347
	(47%)	(28%)			(6%)	(3%)	

1965-1990: Former CZECHOSLOVAKIA



Former USSR: 1965-1990

Numbers of deaths attributed to smoking / total deaths (thousands)

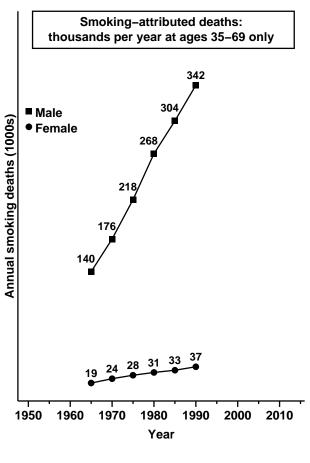
	Male (I	oy age)		Female (by age)			
0-34	35–69	70+	All	0–34	35–69	70+	All
-/197	140/393 (36%)	40/261 (15%)	181/851	-/118	19/315 (6%)	6.0/449 (1%)	25/882
-/202	176/480 (37%)	55/303 (18%)	231/985	-/108	24/351 (7%)	11/538 (2%)	35/997
-/223	218/577 (38%)	72/357 (20%)	290/1158	-/122	28/390 (7%)	19/659 (3%)	47/1170
-/248	268/668 (40%)	86/421 (20%)	354/1338	-/128	31/419 (7%)	22/786 (3%)	53/1332
-/238	304/677 (45%)	97/468 (21%)	401/1383	-/129	33/413 (8%)	32/930 (3%)	65/1472
-/221	342/733 (47%)	103/457 (22%)	445/1411	-/116	37/430 (9%)	42/960 (4%)	79/1505
	•••				•••	•••	•••
	-/202 -/223 -/248 -/238 -/221	0-34 35-69/197 140/393 (36%) -/202 176/480 (37%) -/223 218/577 (38%) -/248 268/668 (40%) -/238 304/677 (45%) -/221 342/733 (47%)	-/197 140/393 40/261 (36%) (15%) -/202 176/480 55/303 (37%) (18%) -/223 218/577 72/357 (38%) (20%) -/248 268/668 86/421 (40%) (20%) -/238 304/677 97/468 (45%) (21%) -/221 342/733 103/457 (47%) (22%)	0-34 35-69 70+ All <t< td=""><td>0-34 35-69 70+ All 0-34 </td><td>0-34 35-69 70+ All 0-34 35-69 </td><td>0-34 35-69 70+ All 0-34 35-69 70+ </td></t<>	0-34 35-69 70+ All 0-34	0-34 35-69 70+ All 0-34 35-69	0-34 35-69 70+ All 0-34 35-69 70+

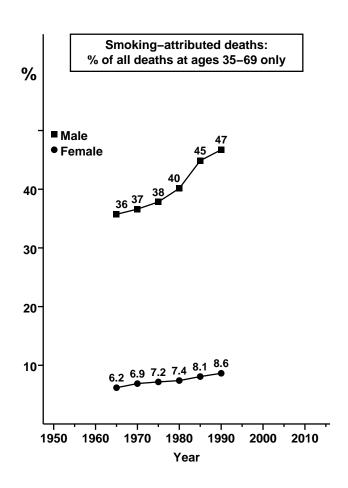
30-year total (M=millions), decade of 1960s to decade of 1980s (1960–1990*): 10/69M *Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

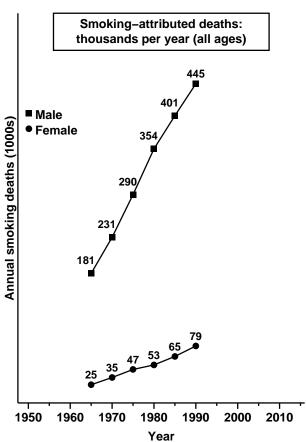
1960-1990, by age & sex:

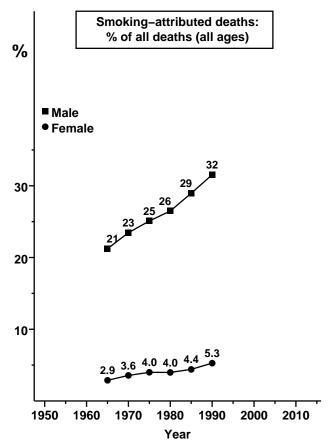
-/6.6M	6.6/16M	2.1/11M	8.7/34M	-/3.7M	0.8/11M	0.6/20M	1.4/35M
	(40%)	(19%)			(7%)	(3%)	

1965-1990: Former USSR









Former YUGOSLAVIA: 1965-1990

Numbers of deaths attributed to smoking / total deaths (thousands)

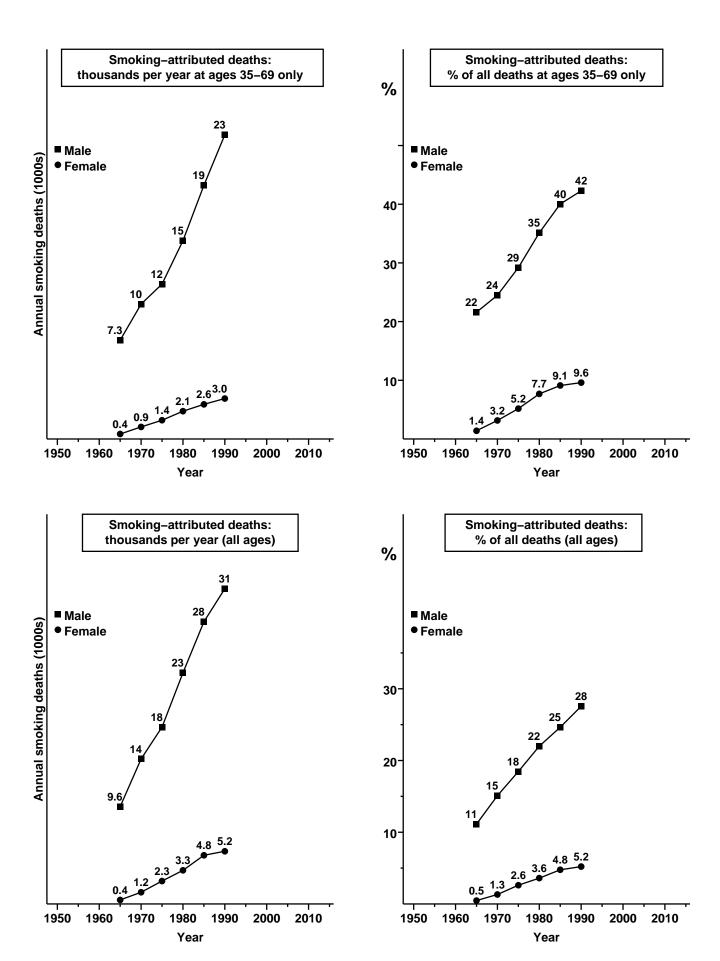
		Male (I	oy age)		Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All
1950								
1955								
1960								
1965	-/24	7.3/34 (22%)	2.3/29 (8%)	9.6/87	-/20	0.4/26 (1%)	0.0/38	0.4/84
1970	-/18	10/41 (24%)	4.3/36 (12%)	14/95	-/14	0.9/28 (3%)	0.3/45 (0.6%)	1.2/88
1975	-/1 5	12/39 (29%)	6.0/40 (15%)	18/95	_/11	1.4/27 (5%)	0.9/49 (2%)	2.3/87
1980	-/13	15/42 (35%)	8.2/49 (17%)	23/104	-/8.9	2.1/27 (8%)	1.3/57 (2%)	3.3/92
1985	-/12	19/47 (40%)	9.1/54 (17%)	28/114	-/7.9	2.6/28 (9%)	2.2/65 (3%)	4.8/101
1990	-/9.9	23/54 (42%)	8.6/50 (17%)	31/113	-/6.2	3.0/31 (10%)	2.2/63 (4%)	5.2/100
1995								
2000								
2005		•••	•••	•••		•••	•••	•••
2010								
2015								

30-year total (thousands), decade of 1960s to decade of 1980s (1960–1990*): 627/5678 *Estimated as 10 times the sum of the annual numbers for 1965, 1975 and 1985

1960-1990, by age & sex:

-/508	377/1206	174/1239	552/2952	-/387	43/817	32/1521	75/2726
	(31%)	(14%)			(5%)	(2%)	

1965-1990: Former YUGOSLAVIA



FRANCE: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FRON		
(years)	Male	Female	SMOKING	
0–34	-/7.2	-/3.6		
35–69	29/88	8.4 / 45	25 years	
70+	27 / 179	9.8 / 212	7 years	
All ages	56/275	18/260	16 years	

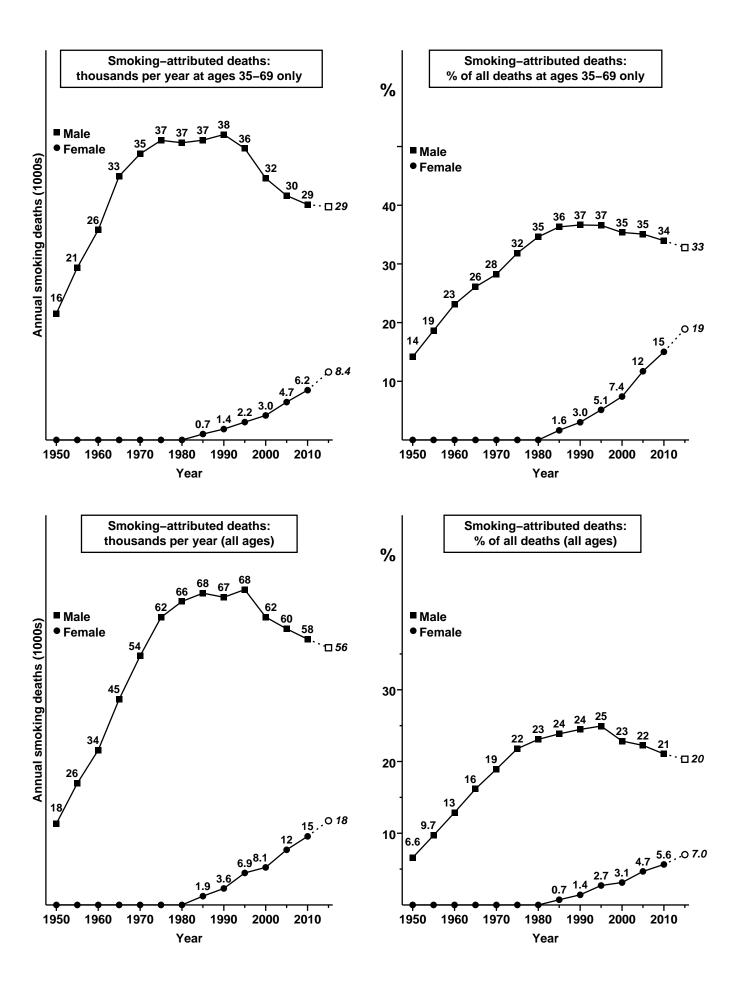
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/31	21/115 (19%)	5.0/126 (4%)	26/272	-/21	0.0/78	0.0/161	0.0/261	
1965	-/24	33/125 (26%)	12/127 (9%)	45/276	-/14	0.0/68	0.0/178	0.0/259	
1975	-/21	37/117 (32%)	25/148 (17%)	62/286	_/11	0.0/57	0.0/197	0.0/265	
1985	-/18	37/102 (36%)	30/163 (19%)	68/283	-/8.9	0.7/45 (2%)	1.2/209 (0.6%)	1.9/262	
1995	-/15	36/99 (37%)	32/161 (20%)	68/274	-/6.6	2.2/43 (5%)	4.7/206 (2%)	6.9/256	
2005	-/9.2	30/86 (35%)	30/174 (17%)	60/269	-/4.3	4.7/40 (12%)	7.3/212 (3%)	12/256	
2015 proj.	-/7.2	29/88 (33%)	27/179 (15%)	56/275	-/3.6	8.4/45 (19%)	9.8/212 (5%)	18/260	

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 4.0 / 32M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/0.9M	2.0/6.2M	1.6/9.5M	3.6/17M	-/0.5M	0.16/3.0M	0.23/12M	0.39/16M
	(33%)	(16%)			(5%)	(2%)	

1950-2015: FRANCE



GERMANY: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
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

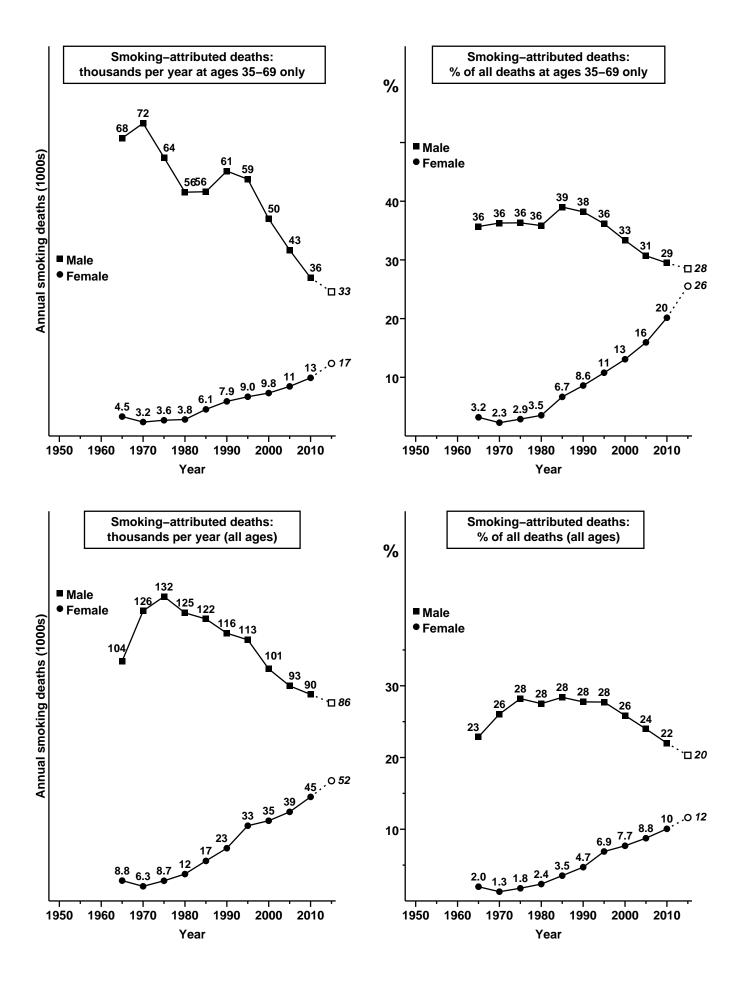
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)			Female (by age)			
Year	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 proj.	-/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

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

1965-2015: GERMANY



GREECE: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/1.3	-/0.5	-	
35–69	5.9 / 15	1.1 / 7.1	24 years	
70+	9.7 / 44	2.1 / 50	7 years	
All ages	16/60	3.3 / 57	13 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

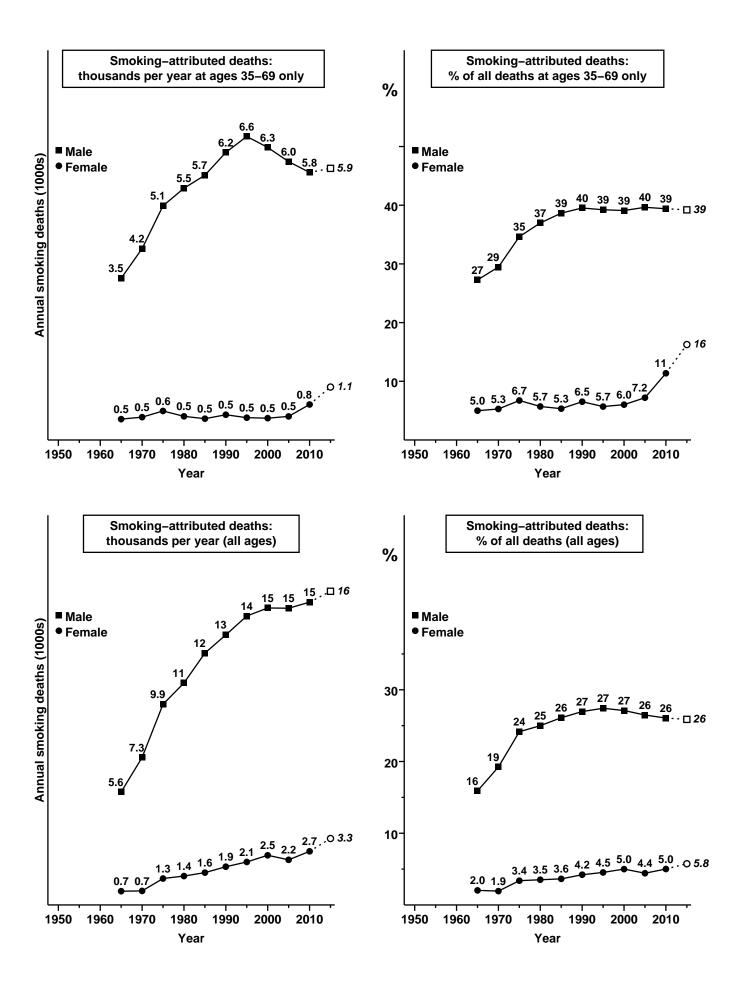
		Male (I	by age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955			•••	•••			•••		
1965	-/5.3	3.5/13 (27%)	2.1/17 (12%)	5.6/35	-/4.0	0.5/9.1 (5%)	0.2/20 (1%)	0.7/33	
1975	-/3.7	5.1/15 (35%)	4.9/23 (21%)	9.9/41	-/2.4	0.6/9.4 (7%)	0.7/27 (3%)	1.3/39	
1985	-/2.8	5.7/15 (39%)	6.7/30 (22%)	12/48	-/1.5	0.5/8.7 (5%)	1.1/34 (3%)	1.6/44	
1995	-/2.4	6.6/17 (39%)	7.7/33 (23%)	14/52	-/1.0	0.5/8.5 (6%)	1.6/37 (4%)	2.1/47	
2005	-/1.9	6.0/15 (40%)	8.7/38 (23%)	15/56	-/0.7	0.5/7.1 (7%)	1.7/43 (4%)	2.2/51	
2015 proj.	-/1.3	5.9/15 (39%)	9.7/44 (22%)	16/60	-/0.5	1.1/7.1 (16%)	2.1/50 (4%)	3.3/57	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 839 / 5630

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

-/173	328/894	398/1854	726/2921	-/102	37/498	76/2110	113/2709
	(37%)	(21%)			(7%)	(4%)	

1965-2015: GREECE



HUNGARY: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/1.0	-/0.5	-
35–69	13/28	6.1 / 14	22 years
70+	8.8 / 32	7.1 / 47	8 years
All ages	22 / 61	13/61	16 years

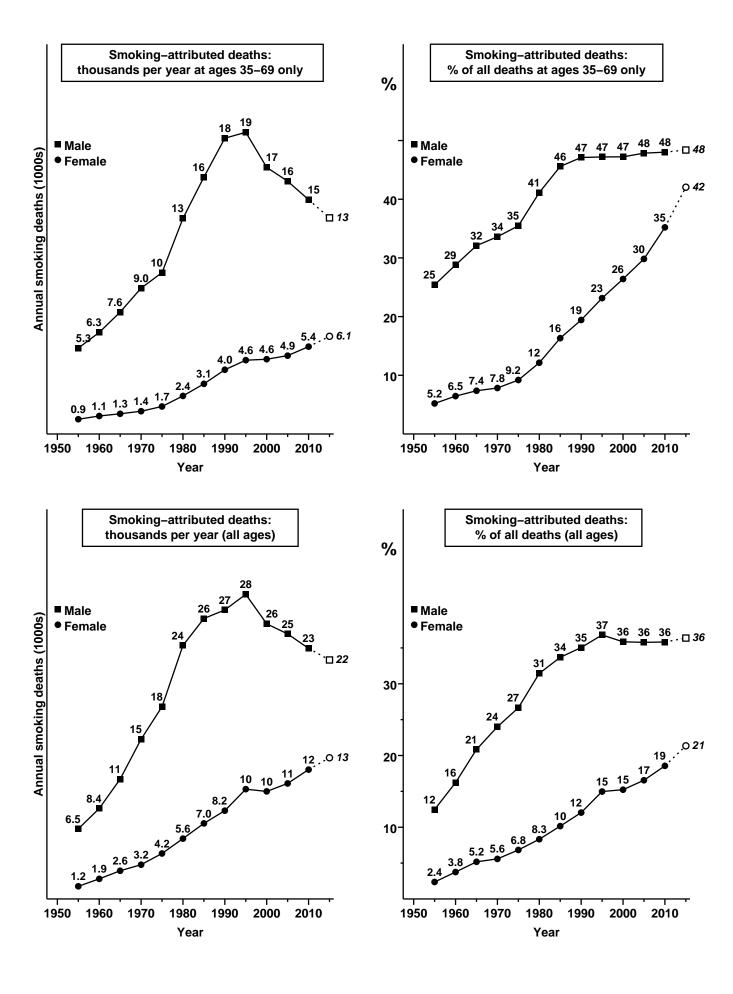
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	_/11	5.3/21 (25%)	1.2/20 (6%)	6.5/52	-/7.8	0.9/18 (5%)	0.3/24 (1%)	1.2/50	
965	-/6.0	7.6/24 (32%)	3.6/24 (15%)	11/53	-/3.9	1.3/17 (7%)	1.4/30 (5%)	2.6/51	
975	-/6.2	10/28 (35%)	7.9/33 (24%)	18/67	-/3.8	1.7/19 (9%)	2.5/39 (6%)	4.2/62	
985	-/4.7	16/35 (46%)	10/38 (27%)	26/77	-/2.4	3.1/19 (16%)	3.9/48 (8%)	7.0/69	
995	-/3.1	19/40 (47%)	9.6/34 (28%)	28/77	-/1.5	4.6/20 (23%)	5.6/47 (12%)	10/68	
005	-/2.0	16/33 (48%)	9.0/34 (26%)	25/69	-/0.9	4.9/16 (30%)	5.9/48 (12%)	11/65	
2015 Proj.	-/1.0	13/28 (48%)	8.8/32 (27%)	22/61	-/0.5	6.1/14 (42%)	7.1/47 (15%)	13/61	

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 1782 / 7808 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/230	812/1867	490/1951	1302/4047	-/131	215/1050	264/2579	479/3761
	(44%)	(25%)			(21%)	(10%)	

1955-2015: HUNGARY



IRELAND: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/0.7	-/0.3	_	
35–69	1.1 / 5.0	0.6 / 3.2	23 years	
70+	2.4/11	2.5 / 11	7 years	
All ages	3.5 / 16	3.1 / 15	11 years	

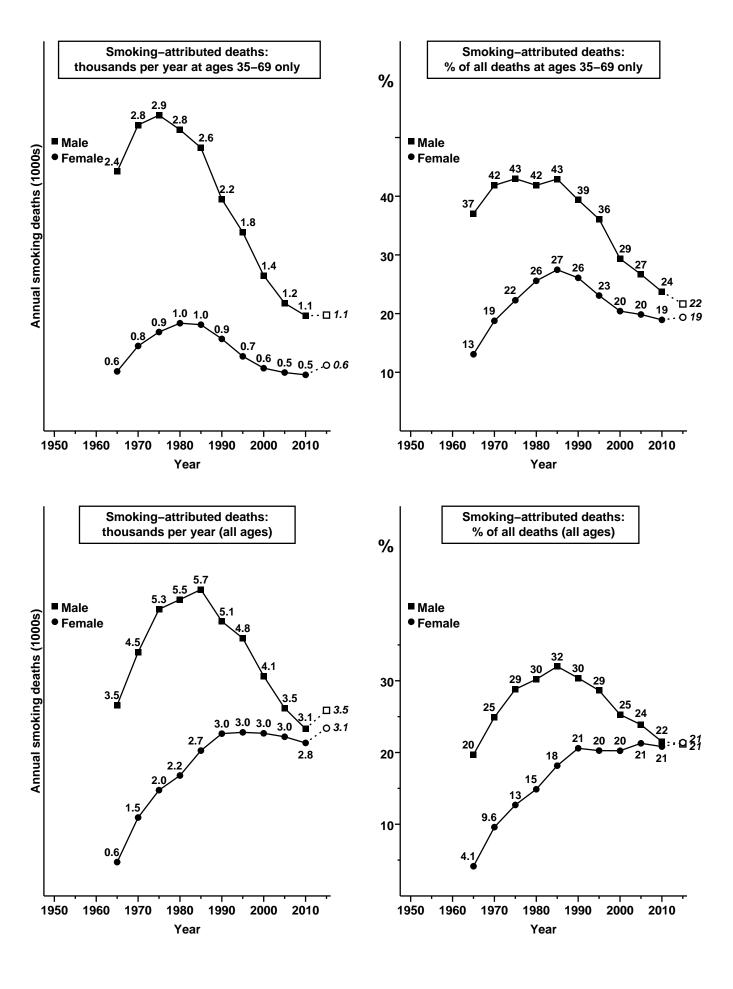
Numbers of deaths attributed to smoking / total deaths

•		Male (k	oy age)			Female	(by age)	_
Year	0-34	35–69	70+	All	0–34	35–69	70+	All
1955			•••	•••		•••	•••	•••
1965	-/1544	2412/6510 (37%)	1136/9941 (11%)	3548/17995	_/1107	554/4238 (13%)	75/9853 (0.8%)	629/15198
1975	-/1422	2935/6829 (43%)	2395/10240 (23%)	5330/18491	-/867	920/4131 (22%)	1047/10504 (10%)	1967/15502
1985	-/1051	2633/6134 (43%)	3063/10618 (29%)	5696/17803	-/566	988/3597 (27%)	1714/10706 (16%)	2702/14869
1995	-/884	1847/5117 (36%)	2944/10723 (27%)	4791/16724	-/412	694/3008 (23%)	2347/11588 (20%)	3041/15008
2005	-/835	1188/4453 (27%)	2302/9330 (25%)	3490/14618	-/386	543/2736 (20%)	2416/10782 (22%)	2959/13904
2015 proj.	-/732	1077/4977 (22%)	2373/10564 (22%)	3450/16273	-/337	611/3155 (19%)	2508/11098 (23%)	3119/14590

60–year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 407 / 1910 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/65	121/340	142/614	263/1019	-/37	43/209	101/645	144/891
	(36%)	(23%)			(21%)	(16%)	

1965-2015: IRELAND



ITALY: 1950-2015[‡]

[‡]2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths (thousands)					
(years)	Male	Female	SMOKING				
0–34	-/4.4	-/2.2	_				
35–69	16 / 64	5.0 / 37	23 years				
70+	48/230	21/279	7 years				
All ages	64/298	26/318	11 years				

Numbers of deaths attributed to smoking / total deaths (thousands)

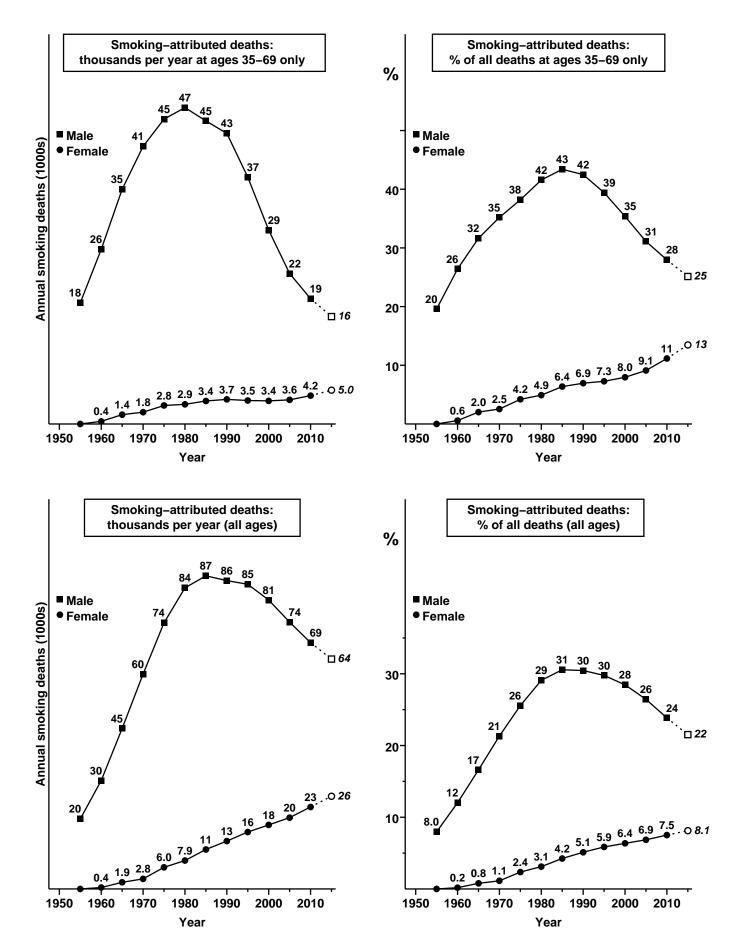
		Male (b	y age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	AII	
1955	-/45	18/92 (20%)	1.5/108 (1%)	20/245	-/35	0.0/70	0.0/118	0.0/223	
1965	-/35	35/110 (32%)	9.9/124 (8%)	45/270	-/24	1.4/69 (2%)	0.5/144 (0.3%)	1.9/236	
1975	-/22	45/119 (38%)	29/150 (19%)	74/290	-/14	2.8/66 (4%)	3.3/177 (2%)	6.0/256	
1985	-/13	45/104 (43%)	42/168 (25%)	87/286	-/6.9	3.4/54 (6%)	7.6/198 (4%)	11/259	
1995	-/13	37/93 (39%)	48/180 (27%)	85/285	-/5.6	3.5/48 (7%)	12/217 (6%)	16/271	
2005	-/7.1	22/72 (31%)	52/202 (26%)	74/281	-/3.1	3.6/39 (9%)	16/247 (7%)	20/290	
2015 proj.	-/4.4	16/64 (25%)	48/230 (21%)	64/298	-/2.2	5.0/37 (13%)	21/279 (7%)	26/318	

60–year total (M=millions), decade of 1960s to decade of 2010s (1960–2020*): 5.1 / 33M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/0.9M	2.0/5.6M	2.3/11M	4.3/17M	-/0.6M	0.2/3.1M	0.6/13M	0.8/16M
	(36%)	(22%)			(6%)	(5%)	

1955-2015[‡]: ITALY

[‡]2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



JAPAN: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FRON		
(years)	Male	Female	SMOKING	
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)

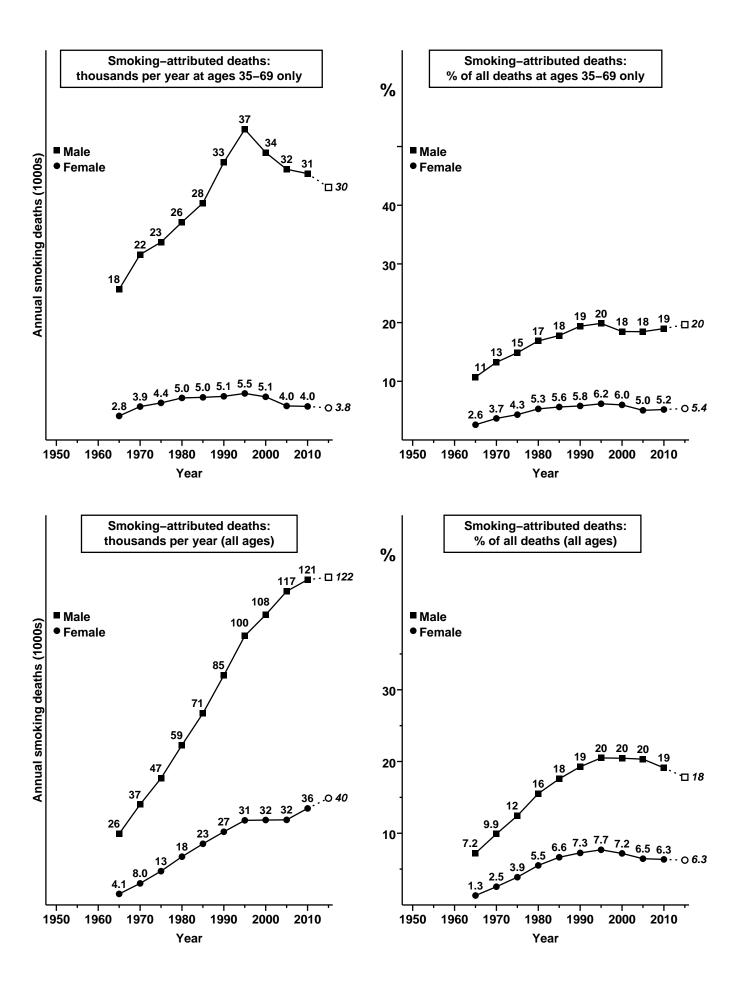
		Male (b	y age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955		•••							
1965	-/56	18/165 (11%)	8.7/145 (6%)	26/367	-/37	2.8/109 (3%)	1.3/166 (0.8%)	4.1/311	
1975	-/38	23/157 (15%)	24/184 (13%)	47/379	-/24	4.4/101 (4%)	8.2/200 (4%)	13/324	
1985	-/22	28/157 (18%)	43/226 (19%)	71/405	-/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

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

1965-2015: JAPAN



LATVIA: 1980-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.5	-/0.2	
35–69	2.1/5.6	0.2 / 2.7	21 years
70+	1.5 / 7.0	0.2 / 11	8 years
All ages	3.6 / 13	0.4 / 14	15 years

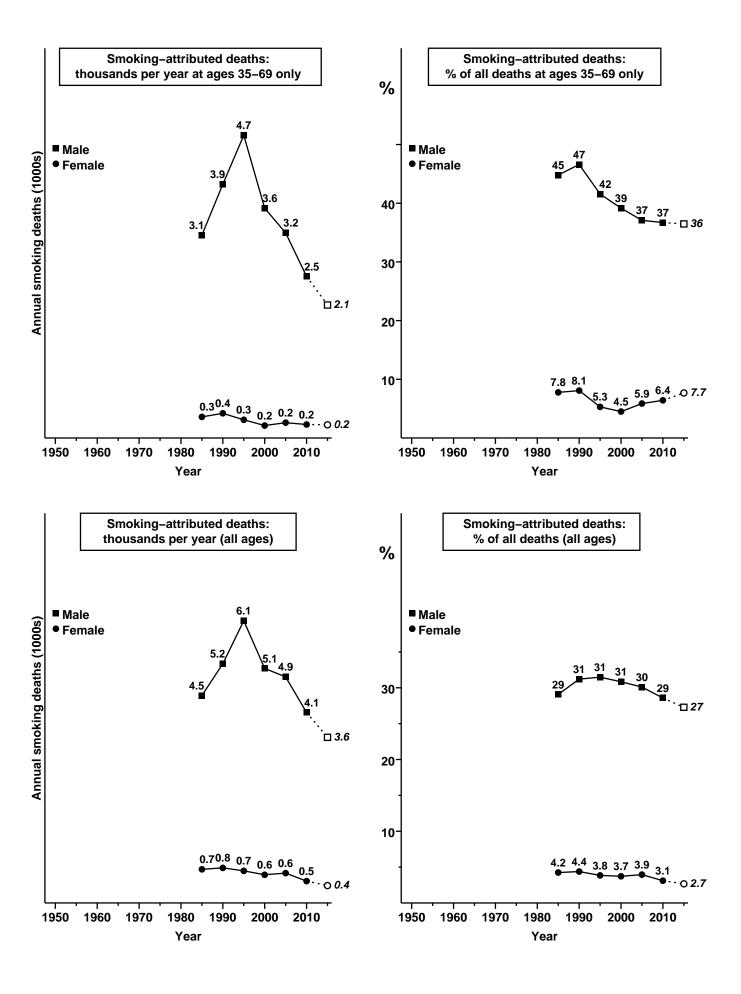
Numbers of deaths attributed to smoking / total deaths

		Male (b	y age)		Female (by age)			
Year	0–34	35–69	70+	All	0–34	35–69	70+	All
1955								
1965								
1975								
1985	-/1529	3144/7018 (45%)	1355/6931 (20%)	4499/15478	-/634	327/4210 (8%)	402/12354 (3%)	729/17198
1995	-/1643	4689/11282 (42%)	1431/6517 (22%)	6120/19442	-/569	282/5325 (5%)	414/12219 (3%)	696/18113
2005	-/892	3178/8571 (37%)	1725/6827 (25%)	4903/16290	-/332	237/4043 (6%)	410/12022 (3%)	647/16397
2015 proj.	-/473	2060/5648 (36%)	1532/7045 (22%)	3592/13166	-/156	204/2663 (8%)	173/11292 (2%)	377/14111

40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020*): 216 / 1302 *Estimated as 10 times the sum of the annual numbers for 1985, 1995, 2005 and 2015

-/45	131/325	60/273	191/644	-/17	11/162	14/479	24/658
	(40%)	(22%)			(6%)	(3%)	

1985-2015: LATVIA



LITHUANIA: 1980-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.8	-/0.2	
35–69	2.9 / 9.2	0.2 / 4.0	20 years
70+	2.2 / 10	0.0 / 16	8 years
All ages	5.1/20	0.2 / 21	15 years

Numbers of deaths attributed to smoking / total deaths (thousands)

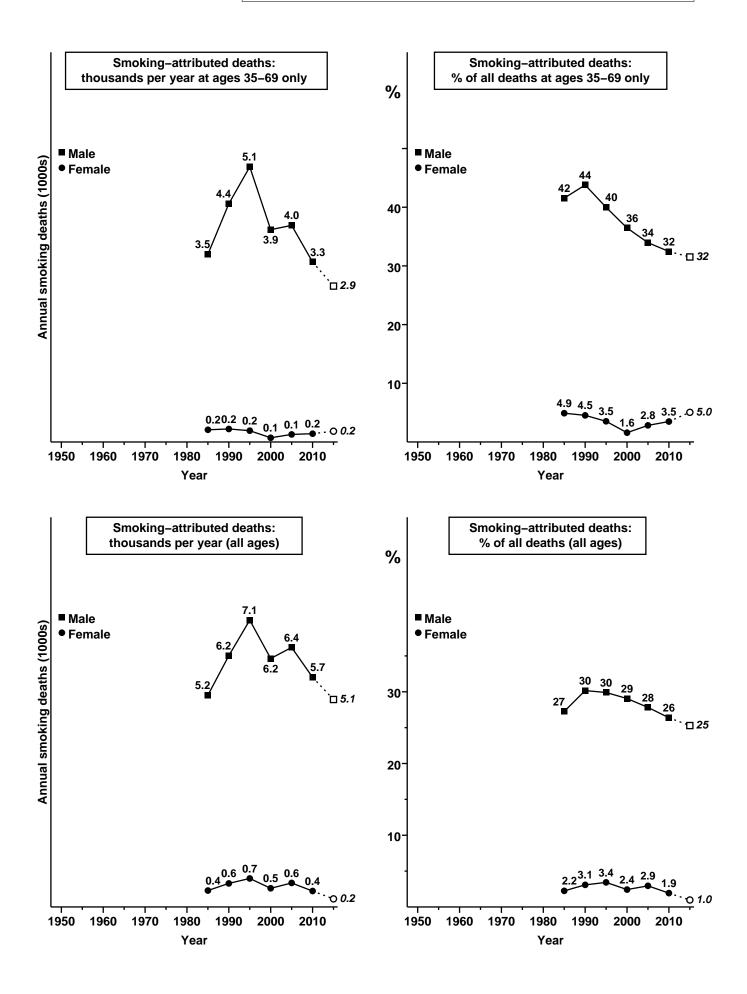
		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0–34	35–69	70+	All	
1955		•••					•••		
1965									
975									
985	-/2.1	3.5/8.4 (42%)	1.8/8.8 (20%)	5.2/19	-/0.9	0.2/4.6 (5%)	0.2/13	0.4/18	
995	-/2.2	5.1/13 (40%)	2.0/8.8 (23%)	7.1/24	-/0.8	0.2/6.0 (4%)	0.5/14	0.7/21	
2005	-/1.5	4.0/12 (34%)	2.4/9.8 (25%)	6.4/23	-/0.5	0.1/5.0 (3%)	0.5/15	0.6/20	
2015 oroj.	-/0.8	2.9/9.2 (32%)	2.2/10 (22%)	5.1/20	-/0.2	0.2/4.0 (5%)	0.0/16	0.2/21	

40-year total (thousands), decade of 1980s to decade of 2010s (1980-2020*): 258 / 1660

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

-/66	155/422	84/376	239/865	-/23	7.8/195	11/577	19/795
	(37%)	(22%)			(4%)	(2%)	

1985-2015: LITHUANIA



LUXEMBOURG: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths					
(years)	Male	Female	SMOKING				
0–34	-/36	-/21	_				
35–69	117 / 529	59/326	24 years				
70+	188 / 1223	151 / 1488	7 years				
All ages	305 / 1788	210 / 1835	13 years				

Numbers of deaths attributed to smoking / total deaths

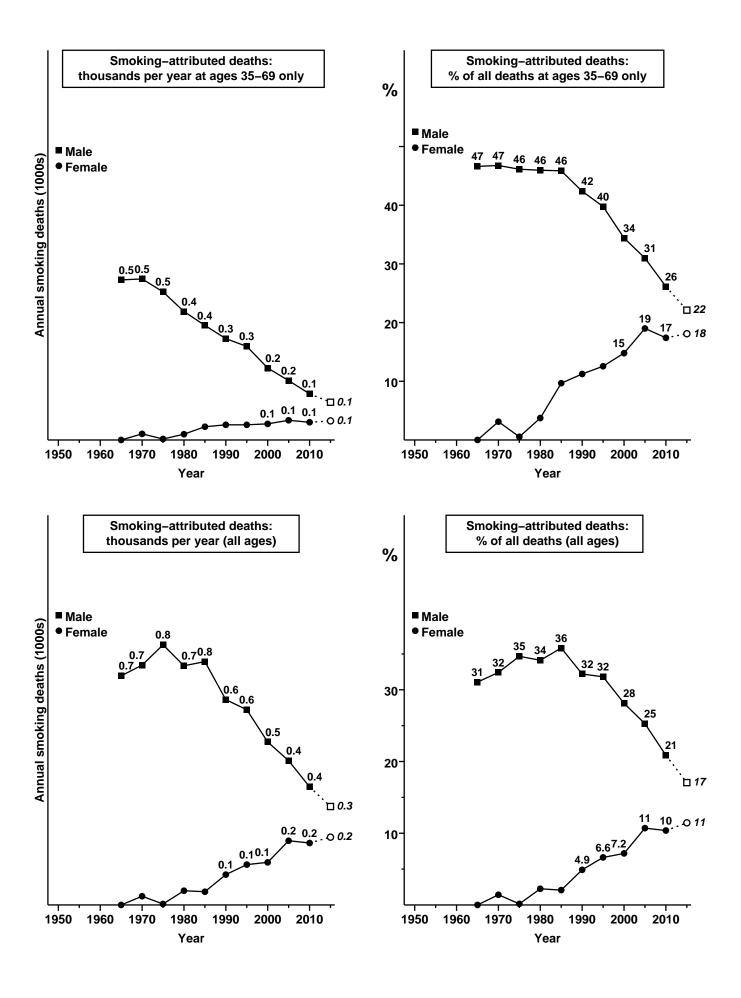
		Male (b	y age)		Female (by age)			
Year	0–34	35–69	70+	All	0-34	35–69	70+	All
1955		•••	•••					•••
1965	-/169	496/1064 (47%)	214/1052 (20%)	710/2285	-/103	0/614	0/1092	0/1809
1975	-/145	459/995 (46%)	347/1185 (29%)	806/2325	-/62	3/555	0/1342	3/1959
1985	-/116	355/774 (46%)	399/1215 (33%)	754/2105	-/57	41/424	0/1498	41/1979
1995	-/102	290/729 (40%)	315/1071 (29%)	605/1902	-/49	47/374	78/1464 (5%)	125/1887
2005	-/58	184/594 (31%)	263/1117 (24%)	447/1769	-/27	61/321 (19%)	138/1510 (9%)	199/1858
2015 proj.	-/36	117/529 (22%)	188/1223 (15%)	305/1788	-/21	59/326 (18%)	151/1488 (10%)	210/1835

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 42 / 235

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

-/6.3	19/47	17/69	36/122	-/3.2	2.1/26	3.7/84	5.8/113
	(41%)	(25%)			(8%)	(4%)	

1965-2015: LUXEMBOURG



304 Peto, Lopez et al september 2015

MACEDONIA, The Former Yugoslav Republic of: 1990-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.4	-/0.2	_
35–69	1.7 / 4.3	0.3/2.4	21 years
70+	1.2 / 6.2	0.2 / 7.2	8 years
All ages	3.0 / 11	0.5 / 9.9	15 years

Numbers of deaths attributed to smoking / total deaths

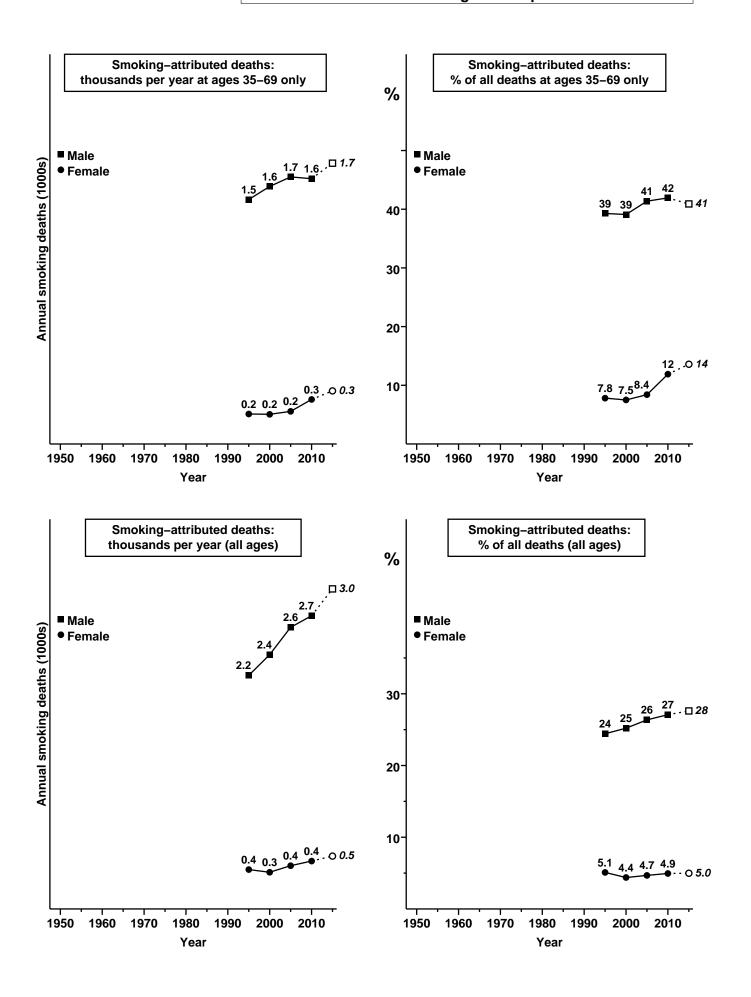
		Male (k	oy age)		Female (by age)			
Year	0–34	35–69	70+	All	0–34	35–69	70+	All
1955								
1965								
1975								
1985								
1995	-/742	1515/3857 (39%)	656/4288 (15%)	2171/8887	-/516	186/2381 (8%)	180/4287 (4%)	366/7184
2005	-/459	1655/4000 (41%)	963/5471 (18%)	2618/9930	-/262	202/2405 (8%)	200/5922 (3%)	402/8589
2015 proj.	-/354	1740/4254 (41%)	1235/6168 (20%)	2975/10776	-/191	329/2423 (14%)	162/7249 (2%)	491/9863

30-year total (thousands), decade of 1990s to decade of 2010s (1990-2020*): 90 / 552

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

-/16	49/121	29/159	78/296	-/9.7	7.2/72	5.4/175	13/256
	(41%)	(18%)			(10%)	(3%)	

1995-2015: The Former Yugoslav Republic of MACEDONIA



MALTA: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths					
(years)	Male	Female	SMOKING				
0–34	-/57	-/44	_				
35–69	125 / 486	31 / 268	24 years				
70+	323 / 1175	120 / 1268	7 years				
All ages	448 / 1718	151 / 1580	11 years				

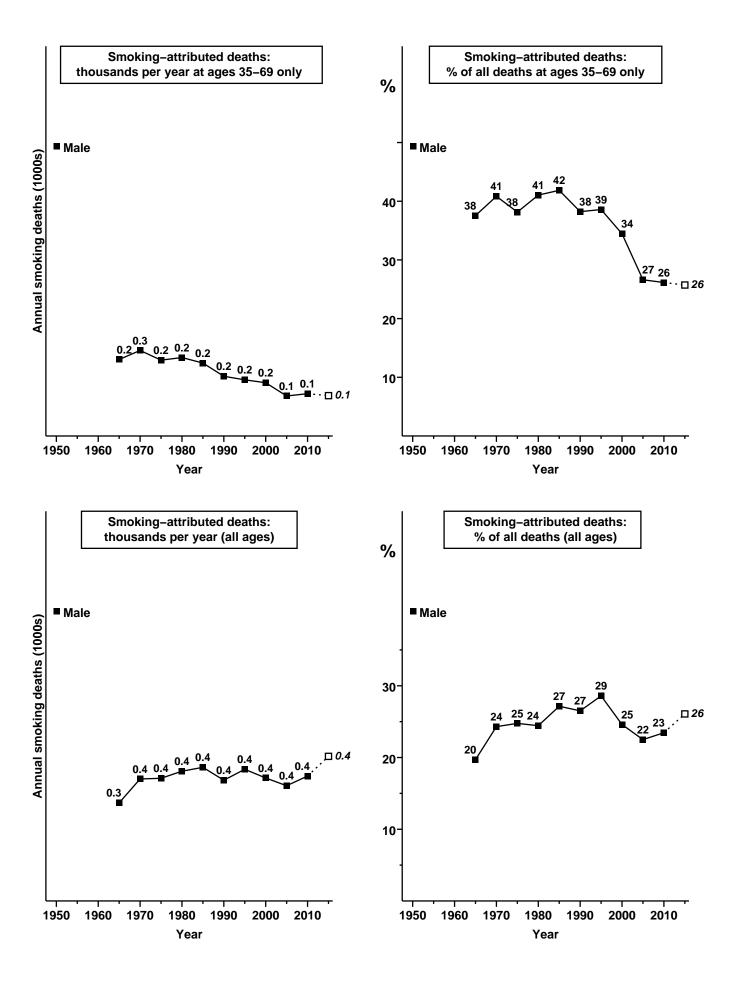
Numbers of deaths attributed to smoking / total deaths

		Male (l	oy age)		Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All
1955							•••	
1965	-/165	237/631 (38%)	67/747 (9%)	304/1543	-/117	0/486	0/835	0/1438
1975	-/113	235/616 (38%)	145/806 (18%)	380/1535	-/81	1/426	0/923	1/1430
1985	-/94	226/540 (42%)	188/891 (21%)	414/1525	-/58	0/361	0/1029	0/1448
1995	-/75	174/451 (39%)	234/901 (26%)	408/1427	-/37	0/305	0/981	0/1323
2005	-/56	124/466 (27%)	233/1065 (22%)	357/1587	-/26	4/301	30/1208	34/1535
2015 proj.	-/57	125/486 (26%)	323/1175 (27%)	448/1718	-/44	31/268	120/1268 (9%)	151/1580

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 25 / 181 *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/5.6	11/32	12/56	23/93	-/3.6	0.4/21	1.5/62	1.9/88
	(35%)	(21%)			(2%)	(2%)	

1965-2015: MALTA



324 Peto, Lopez et al september 2015

MOLDOVA, Republic of: 1980-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/1.3	-/0.5	
35–69	3.4 / 12	0.2 / 6.1	20 years
70+	1.0 / 7.8	0.4 / 12	8 years
All ages	4.4/21	0.7/18	17 years

Numbers of deaths attributed to smoking / total deaths

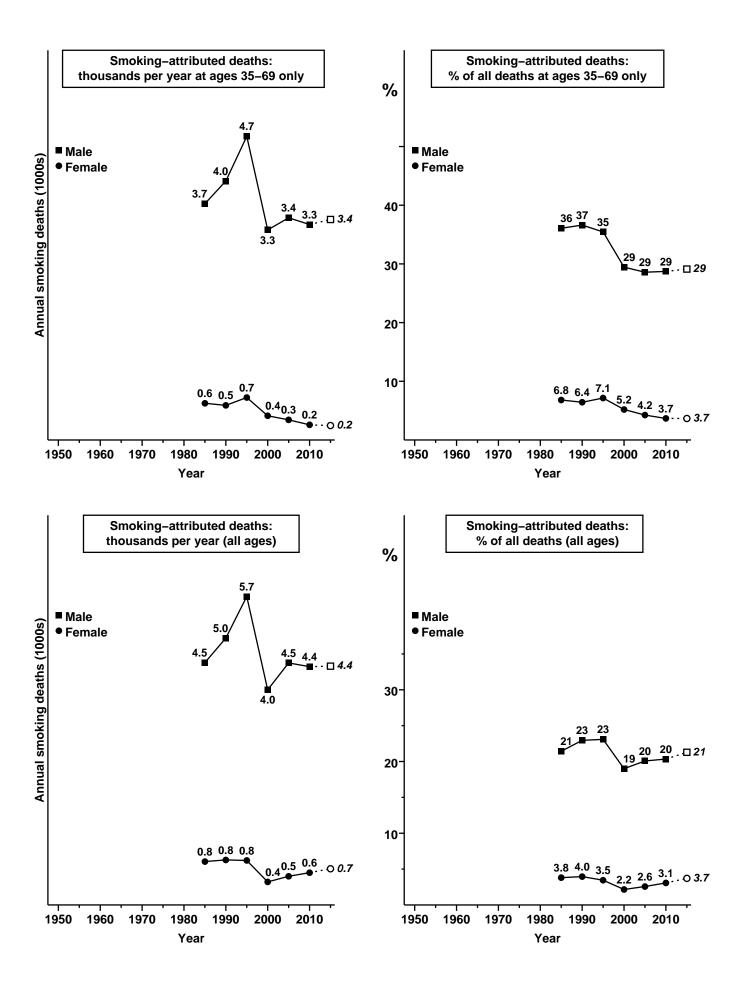
		Male (b	y age)			Female ((by age)	
Year	0-34	35–69	70+	All	0–34	35–69	70+	AII
1955				•••		•••	•••	•••
1965								
1975								
1985	-/3574	3660/10146 (36%)	845/7305 (12%)	4505/21025	-/2053	569/8356 (7%)	238/10800 (2%)	807/21209
1995	-/2678	4704/13269 (35%)	1030/8889 (12%)	5734/24836	-/1344	658/9209 (7%)	169/13407 (1%)	827/23960
2005	-/1489	3442/12042 (29%)	1057/8878 (12%)	4499/22409	-/698	312/7354 (4%)	221/12665 (2%)	533/20717
2015 proj.	-/1291	3416/11731 (29%)	1023/7833 (13%)	4439/20855	-/502	223/6086 (4%)	450/11567 (4%)	673/18155

40-year total (thousands), decade of 1980s to decade of 2010s (1980-2020*): 220 / 1732

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

-/90	152/472	40/329	192/891	-/46	18/310	11/484	28/840
	(32%)	(12%)			(6%)	(2%)	

1985-2015: Republic of MOLDOVA



NETHERLANDS: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FRON		
(years)	Male	Female	SMOKING	
0–34	-/1.2	-/0.8		
35–69	5.2 / 18	4.4 / 14	23 years	
70+	11 / 46	10 / 56	7 years	
All ages	16 / 65	15 / 70	12 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

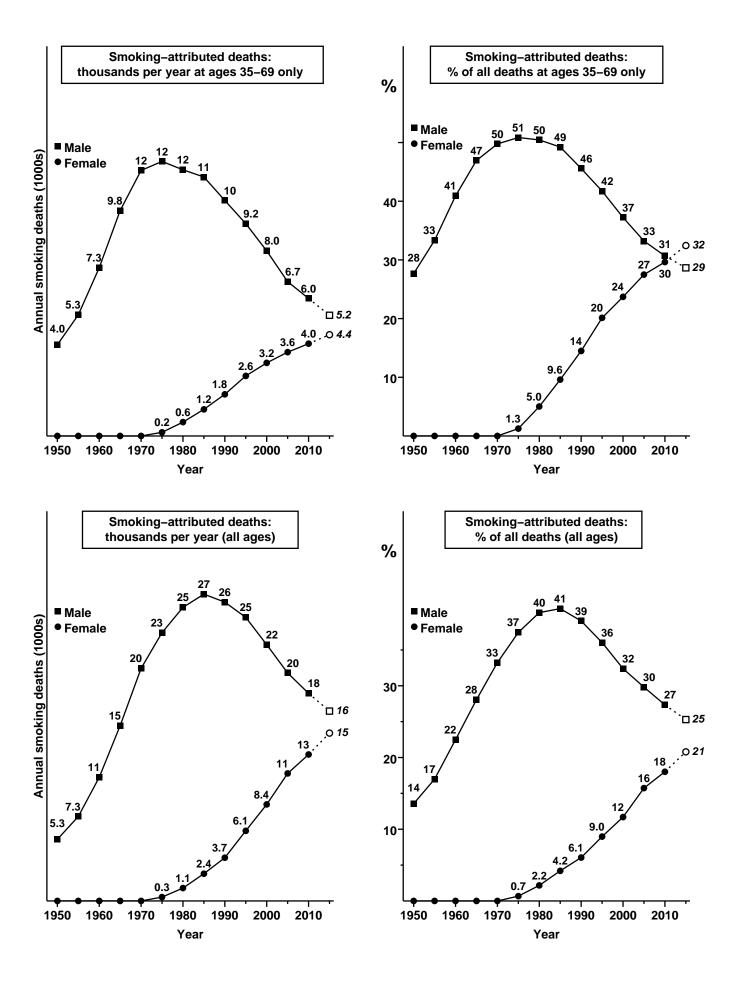
		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/5.5	5.3/16 (33%)	2.1/22 (10%)	7.3/43	-/3.8	0.0/12	0.0/23	0.0/39	
1965	-/5.1	9.8/21 (47%)	5.4/28 (19%)	15/54	-/3.1	0.0/12	0.0/28	0.0/43	
1975	-/4.1	12/23 (51%)	11/35 (33%)	23/62	-/2.4	0.2/13 (1%)	0.2/35 (0.5%)	0.3/49	
1985	-/3.1	11/23 (49%)	15/39 (39%)	27/65	-/1.8	1.2/12 (10%)	1.2/42 (3%)	2.4/56	
995	-/2.6	9.2/22 (42%)	15/44 (35%)	25/68	-/1.5	2.6/13 (20%)	3.5/53 (7%)	6.1/68	
2005	-/1.8	6.7/20 (33%)	13/44 (29%)	20/66	-/1.1	3.6/13 (27%)	7.4/56 (13%)	11/70	
2015 oroj.	-/1.2	5.2/18 (29%)	11/46 (25%)	16/65	-/0.8	4.4/14 (32%)	10/56 (18%)	15/70	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 1604 / 7386

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

-/179	541/1276	719/2360	1260/3814	-/107	119/768	225/2696	344/3571
	(42%)	(30%)			(16%)	(8%)	

1950-2015: NETHERLANDS



NEW ZEALAND: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.7	-/0.5	
35–69	0.8 / 4.4	0.8/3.3	23 years
70+	1.7/10	2.5 / 12	7 years
All ages	2.5 / 15	3.3 / 15	12 years

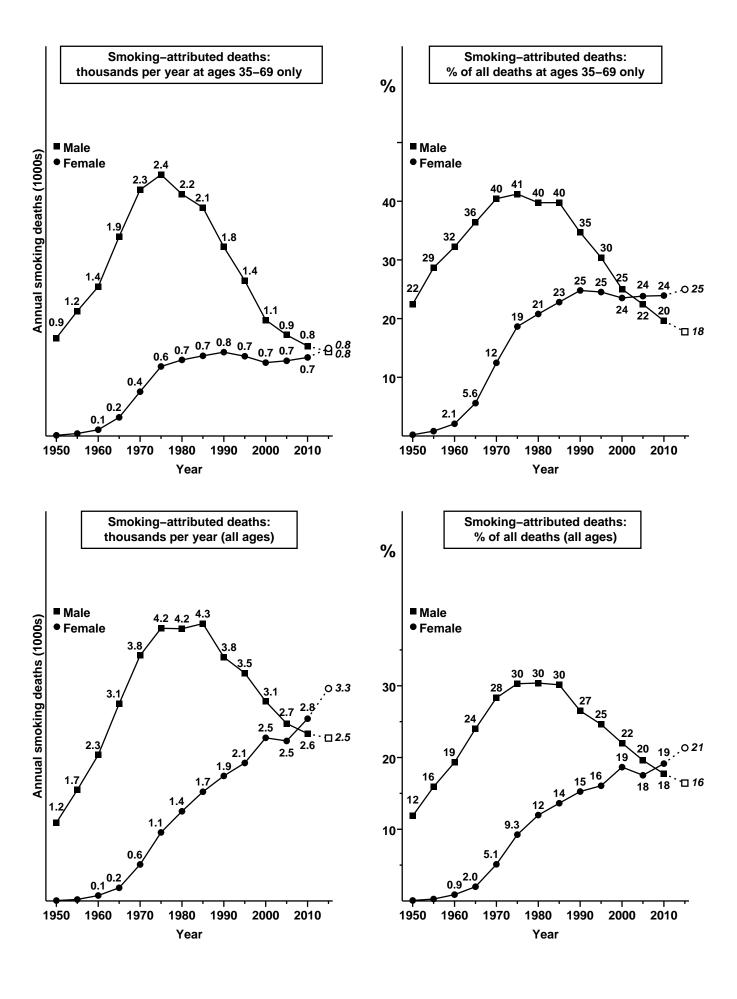
Numbers of deaths attributed to smoking / total deaths

		Male (l	oy age)		Female (by age)			
Year	0-34	35–69	70+	All	0–34	35–69	70+	All
1955	-/1591	1161/4048 (29%)	559/5166 (11%)	1720/10805	-/1056	23/2782	0/4760	23/8598
1965	-/1515	1854/5091 (36%)	1202/6121 (20%)	3056/12727	-/918	173/3088 (6%)	31/6274	204/10280
1975	-/1574	2429/5892 (41%)	1795/6480 (28%)	4224/13946	-/867	646/3464 (19%)	415/7139 (6%)	1061/11470
1985	-/1351	2123/5340 (40%)	2174/7567 (29%)	4297/14258	_/719	745/3266 (23%)	946/8428 (11%)	1691/12413
1995	-/1120	1444/4750 (30%)	2086/8468 (25%)	3530/14338	-/608	741/3021 (25%)	1397/9682 (14%)	2138/13311
2005	-/820	939/4186 (22%)	1810/9016 (20%)	2749/14022	-/456	699/2933 (24%)	1780/10755 (17%)	2479/14144
2015 proj.	-/736	785/4421 (18%)	1738/10197 (17%)	2523/15354	-/459	814/3259 (25%)	2477/11701 (21%)	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

-/71	96/297	108/478	204/846	-/40	38/190	70/540	109/770
	(32%)	(23%)			(20%)	(13%)	

1950-2015: NEW ZEALAND



NORWAY: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM	
(years)	Male	Female	SMOKING
0–34	-/0.6	-/0.3	_
35–69	1.1 / 5.4	0.8 / 3.4	22 years
70+	2.5 / 14	3.2 / 17	7 years
All ages	3.6/20	4.0 / 21	11 years

Numbers of deaths attributed to smoking / total deaths (thousands)

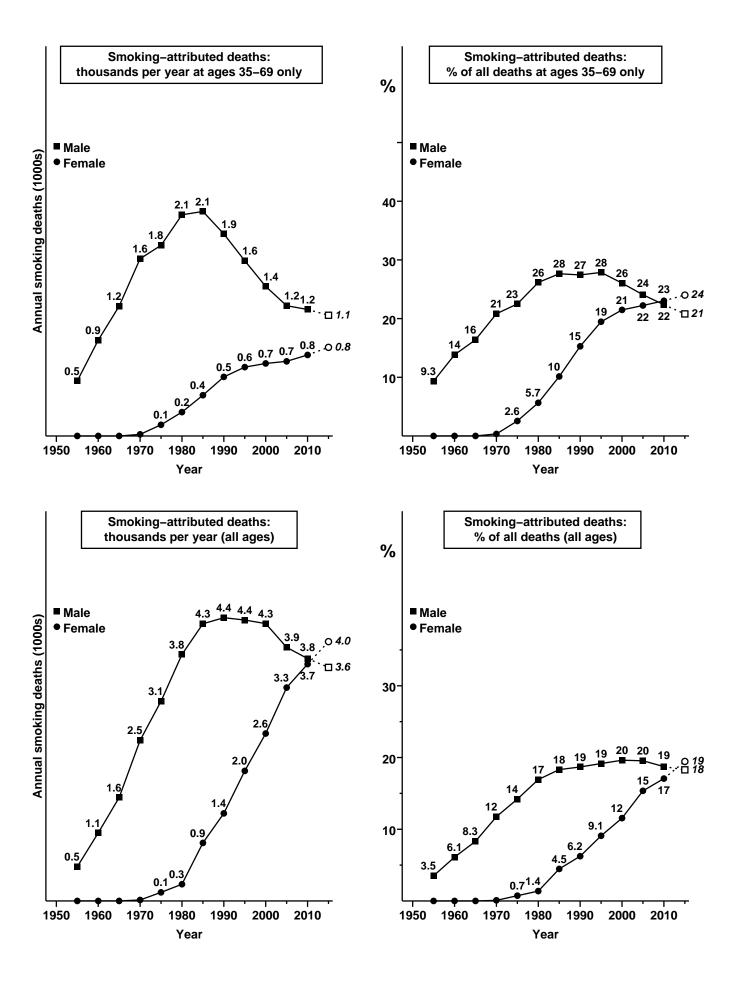
		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/1.7	0.5/5.5 (9%)	0.0/7.9 (0.2%)	0.5/15	-/1.1	0.0/3.9	0.0/9.4	0.0/14	
1965	-/1.4	1.2/7.4 (16%)	0.4/10 (4%)	1.6/19	-/0.8	0.0/4.3	0.0/11	0.0/17	
1975	-/1.2	1.8/7.9 (23%)	1.3/13 (10%)	3.1/22	-/0.6	0.1/4.1 (3%)	0.0/13	0.1/18	
1985	-/1.1	2.1/7.6 (28%)	2.2/15 (15%)	4.3/23	-/0.5	0.4/3.7 (10%)	0.5/16 (3%)	0.9/20	
1995	-/0.8	1.6/5.8 (28%)	2.7/16 (17%)	4.4/23	-/0.4	0.6/3.3 (19%)	1.4/18 (7%)	2.0/22	
2005	-/0.7	1.2/5.0 (24%)	2.7/14 (19%)	3.9/20	-/0.3	0.7/3.1 (22%)	2.6/18 (14%)	3.3/22	
2015 broj.	-/0.6	1.1/5.4 (21%)	2.5/14 (18%)	3.6/20	-/0.3	0.8/3.4 (24%)	3.2/17 (19%)	4.0/21	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 313 / 2464

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

-/58	90/391	119/822	209/1271	-/29	26/220	77/943	104/1192
	(23%)	(14%)			(12%)	(8%)	

1955-2015: NORWAY



POLAND: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM			
(years)	Male	Female	SMOKING		
0–34	-/7.1	-/2.4	_		
35–69	34 / 96	12 / 43	22 years		
70+	26 / 100	13 / 140	8 years		
All ages	60/203	25 / 186	15 years		

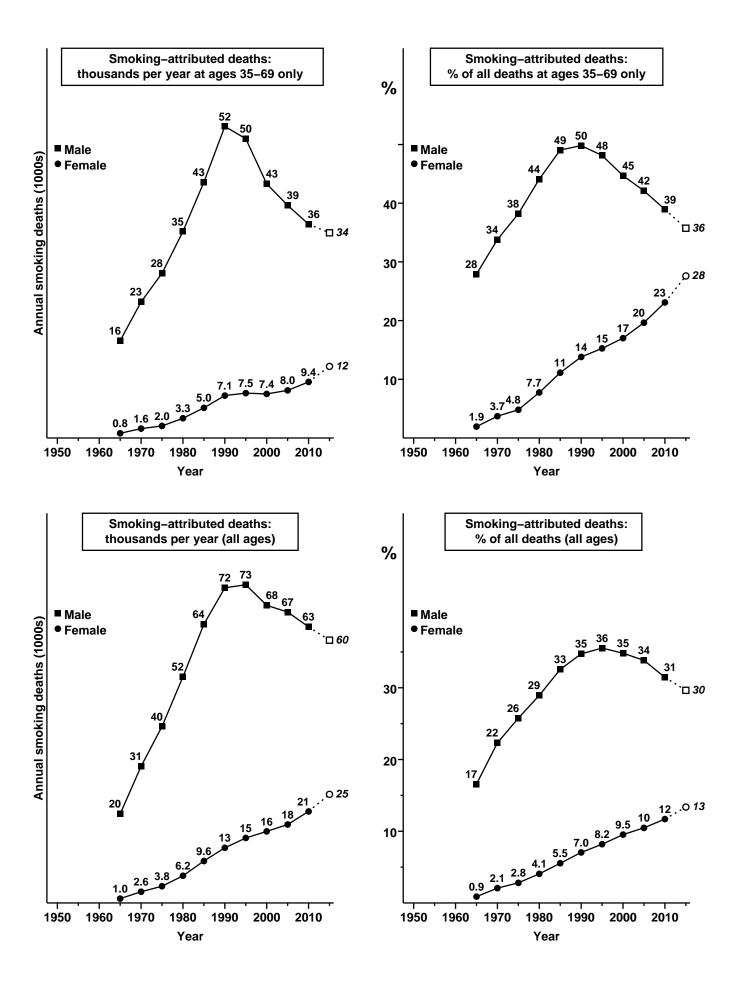
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)		Female (by age)				
Year	0-34	35–69	70+	All	0-34	35–69	70+	AII	
1955		•••							
1965	-/25	16/58 (28%)	4.1/40 (10%)	20/123	-/16	0.8/41 (2%)	0.2/56 (0.4%)	1.0/113	
1975	-/21	28/72 (38%)	13/64 (20%)	40/157	-/11	2.0/42 (5%)	1.8/83 (2%)	3.8/137	
1985	-/20	43/87 (49%)	21/89 (24%)	64/196	-/9.8	5.0/45 (11%)	4.6/119 (4%)	9.6/174	
1995	-/13	50/104 (48%)	23/88 (26%)	73/205	-/6.1	7.5/49 (15%)	7.4/127 (6%)	15/182	
2005	-/9.0	39/92 (42%)	28/96 (29%)	67/197	-/3.4	8.0/41 (20%)	10/128 (8%)	18/172	
2015 proj.	-/7.1	34/96 (36%)	26/100 (26%)	60/203	-/2.4	12/43 (28%)	13/140 (9%)	25/186	

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 4.0 / 20M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/1.0M	2.1/5.1M	1.1/4.8M	3.2/11M	-/0.5M	0.4/2.6M	0.4/6.5M	0.7/9.6M
	(41%)	(24%)			(14%)	(6%)	

1965-2015: POLAND



PORTUGAL: 1960-2015[‡]

[‡]2005 mortality involves average of 2003 & 2007 rates applied to 2005 population

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/0.8	-/0.4	_	
35–69	3.9 / 15	0.4 / 6.7	25 years	
70+	4.3 / 37	1.1 / 45	7 years	
All ages	8.2 / 52	1.5 / 52	15 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (I	by age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955									
1965	-/13	2.0/18 (11%)	0.6/19 (3%)	2.6/50	-/9.8	0.0/12	0.0/26	0.0/47	
1975	-/7.6	3.1/20 (15%)	1.4/23 (6%)	4.5/51	-/4.8	0.0/12	0.0/30	0.0/47	
1985	-/4.7	4.0/19 (21%)	3.0/27 (11%)	7.0/50	-/2.4	0.0/10	0.0/33	0.0/46	
1995	-/3.8	4.8/19 (25%)	4.0/32 (13%)	8.8/55	-/1.5	0.1/9.7 (0.8%)	0.2/38 (0.5%)	0.3/50	
2005	-/2.1	4.5/17 (27%)	4.8/36 (13%)	9.4/55	-/0.9	0.2/8.2 (3%)	0.6/43 (1%)	0.8/52	
2015 proj.	-/0.8	3.9/15 (27%)	4.3/37 (12%)	8.2/52	-/0.4	0.4/6.7 (6%)	1.1/45 (3%)	1.5/52	

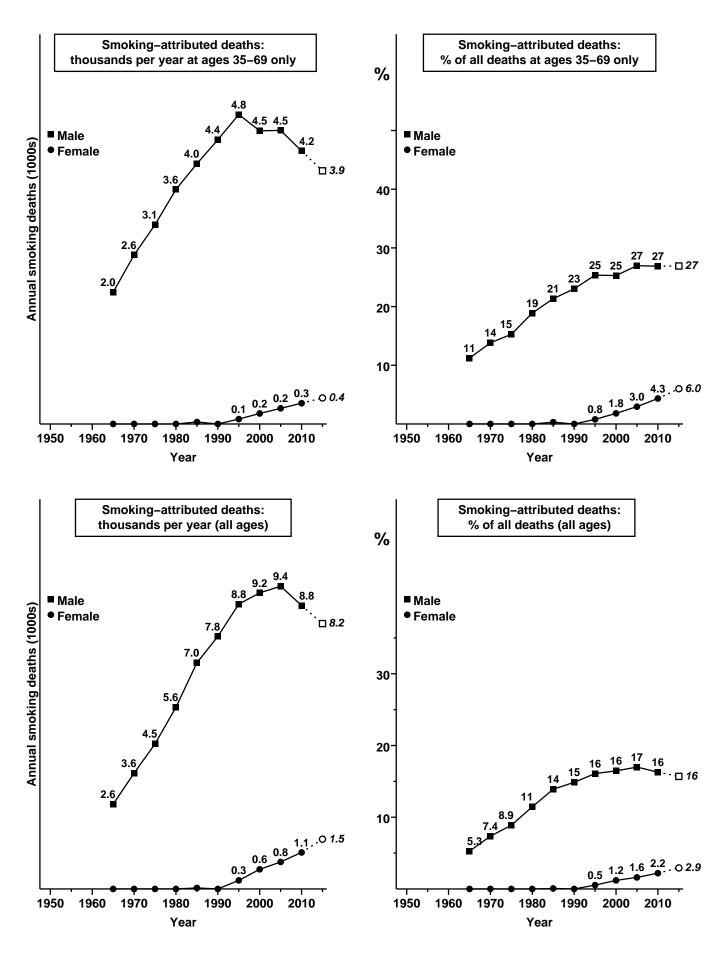
60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 432 / 6076

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

-/320	224/1077	181/1736	406/3133	-/199	7.5/593	19/2151	27/2943
	(21%)	(10%)			(1%)	(0.9%)	

1965-2015[‡]: PORTUGAL

[‡]2005 mortality involves average of 2003 & 2007 rates applied to 2005 population



ROMANIA: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range		Deaths attributed to SMOKING /total deaths (thousands)				
(years)	Male	Female	SMOKING			
0–34	-/3.8	-/1.8				
35–69	22 / 55	3.4/26	22 years			
70+	14/71	5.3 / 88	8 years			
All ages	36 / 130	8.7 / 116	16 years			

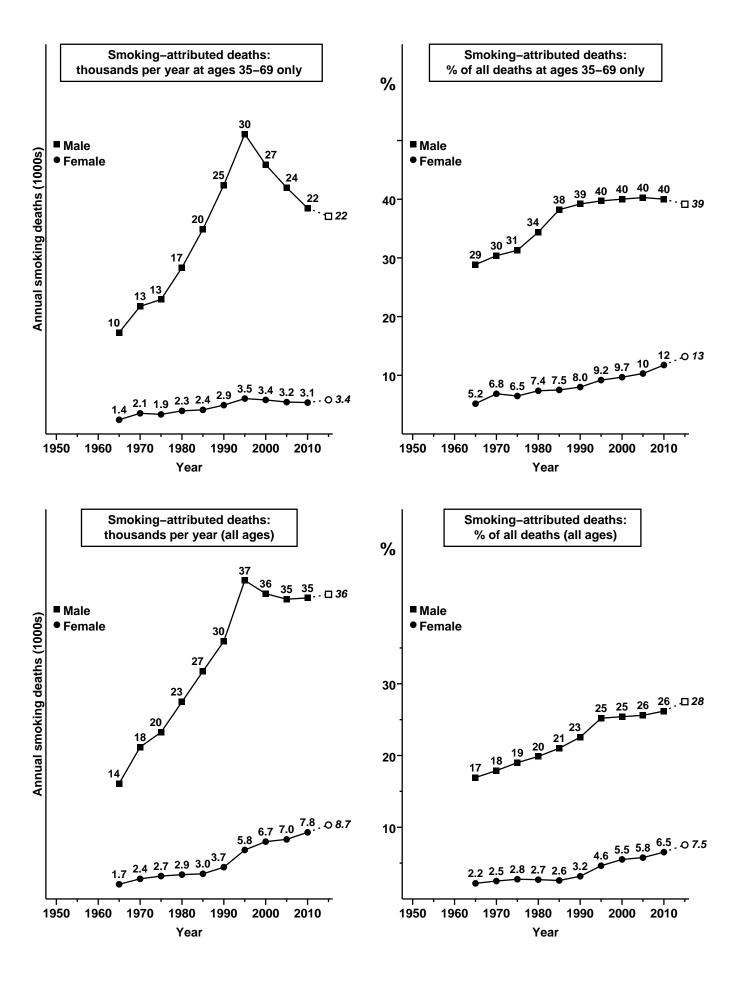
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (I	by age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955				•••					
1965	-/16	10/35 (29%)	3.5/30 (12%)	14/80	_/11	1.4/27 (5%)	0.3/41 (0.8%)	1.7/79	
1975	-/1 5	13/43 (31%)	6.3/45 (14%)	20/103	-/11	1.9/30 (6%)	0.7/57 (1%)	2.7/98	
1985	-/13	20/53 (38%)	6.5/61 (11%)	27/128	-/8.6	2.4/32 (7%)	0.6/74 (0.8%)	3.0/115	
1995	-/11	30/75 (40%)	7.8/63 (12%)	37/149	-/5.8	3.5/38 (9%)	2.3/81 (3%)	5.8/125	
2005	-/6.6	24/61 (40%)	11/71 (15%)	35/138	-/3.5	3.2/31 (10%)	3.8/87 (4%)	7.0/122	
2015 proj.	-/3.8	22/55 (39%)	14/71 (20%)	36/130	-/1.8	3.4/26 (13%)	5.3/88 (6%)	8.7/116	

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 2.0 / 14M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/0.7M	1.2/3.2M	0.5/3.4M	1.7/7.3M	-/0.4M	0.2/1.8M	0.1/4.3M	0.3/6.5M
	(37%)	(14%)			(9%)	(3%)	

1965-2015: ROMANIA



398 Peto, Lopez *et al* september 2015

RUSSIAN FEDERATION: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM			
(years)	Male	Female	SMOKING		
0–34	-/80	-/30	_		
35–69	180 / 507	9.9 / 236	21 years		
70+	68 / 370	12 / 652	8 years		
All ages	248 / 957	22 / 918	17 years		

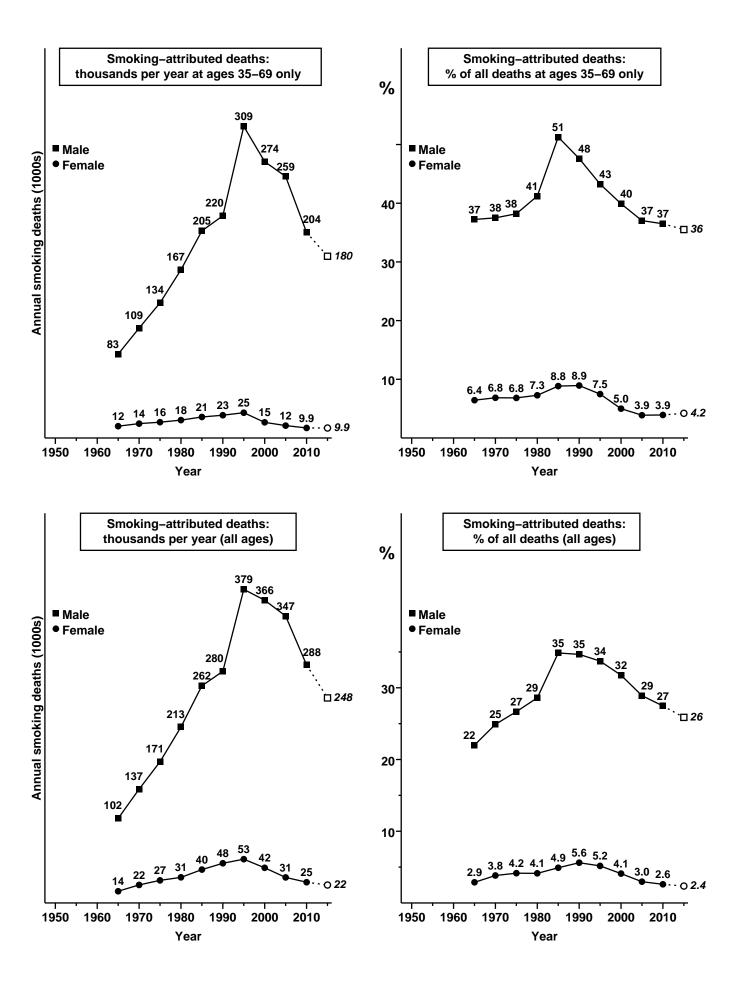
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (b	y age)		Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All
1955								
1965	-/109	83/223 (37%)	19/132 (14%)	102/464	-/58	12/182 (6%)	2.5/253 (1%)	14/493
1975	-/111	134/351 (38%)	37/178 (21%)	171/640	-/48	16/229 (7%)	12/380 (3%)	27/658
1985	-/113	205/401 (51%)	57/239 (24%)	262/753	-/48	21/236 (9%)	19/537 (4%)	40/821
1995	-/124	309/714 (43%)	70/286 (24%)	379/1124	-/42	25/335 (7%)	28/646 (4%)	53/1023
2005	-/119	259/700 (37%)	87/380 (23%)	347/1200	-/40	12/317 (4%)	19/685 (3%)	31/1041
2015 proj.	-/80	180/507 (36%)	68/370 (18%)	248/957	-/30	9.9/236 (4%)	12/652 (2%)	22/918

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 17 / 101M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/6.6M	12/29M	3.4/16M	15/51M	-/2.7M	1.0/15M	0.9/32M	1.9/50M
	(40%)	(21%)			(6%)	(3%)	

1965-2015: RUSSIAN FEDERATION



SLOVAKIA: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/1.0	-/0.4		
35–69	4.2 / 14	1.0 / 6.0	21 years	
70+	2.9 / 14	1.0 / 20	8 years	
All ages	7.1/29	2.0/26	15 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

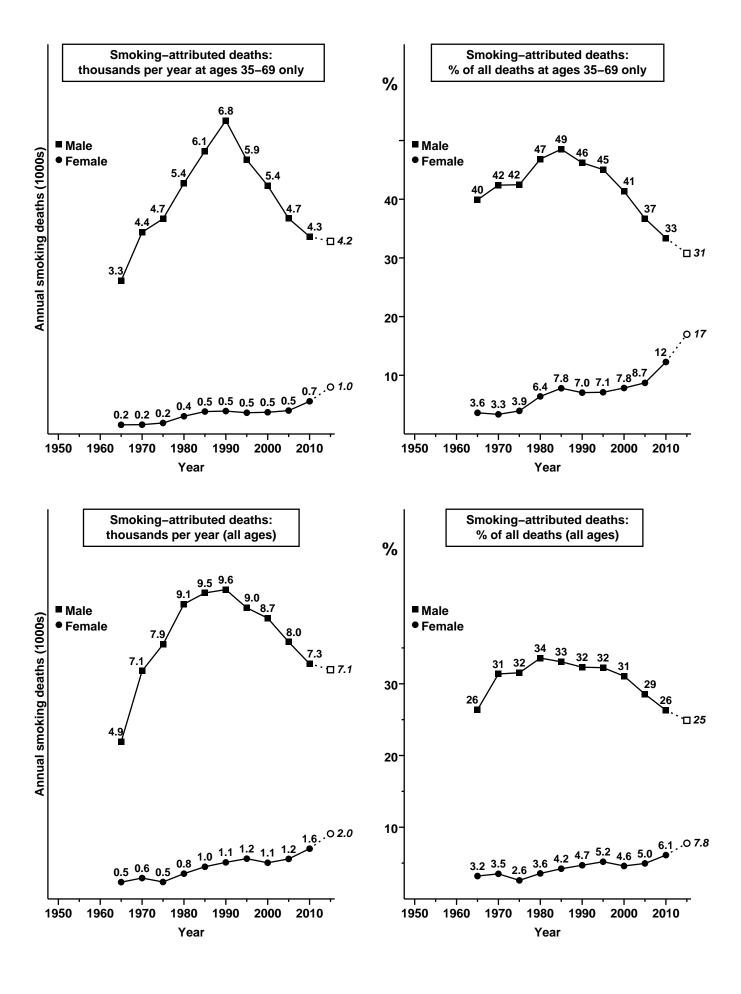
		Male (l	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955		•••				•••	•••	•••	
1965	-/2.9	3.3/8.3 (40%)	1.5/7.3 (21%)	4.9/18	-/1.7	0.2/5.5 (4%)	0.3/9.1 (4%)	0.5/16	
1975	-/3.0	4.7/11 (42%)	3.2/11 (29%)	7.9/25	-/1.6	0.2/6.1 (4%)	0.3/13 (2%)	0.5/20	
1985	-/2.3	6.1/13 (49%)	3.3/14 (24%)	9.5/29	-/1.2	0.5/6.2 (8%)	0.5/16 (3%)	1.0/24	
995	-/1.6	5.9/13 (45%)	3.1/13 (23%)	9.0/28	-/0.7	0.5/6.5 (7%)	0.8/17 (5%)	1.2/24	
2005	-/1.2	4.7/13 (37%)	3.3/14 (24%)	8.0/28	-/0.5	0.5/5.8 (9%)	0.7/19 (4%)	1.2/25	
2015 broj.	-/1.0	4.2/14 (31%)	2.9/14 (21%)	7.1/29	-/0.4	1.0/6.0 (17%)	1.0/20 (5%)	2.0/26	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 529 / 2919

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

-/119	289/715	174/732	463/1565	-/61	29/361	36/931	66/1353
	(40%)	(24%)			(8%)	(4%)	

1965-2015: SLOVAKIA



SPAIN: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/2.7	-/1.7	_	
35–69	17/51	3.5 / 24	25 years	
70+	29 / 141	3.0 / 162	7 years	
All ages	47 / 194	6.5 / 188	14 years	

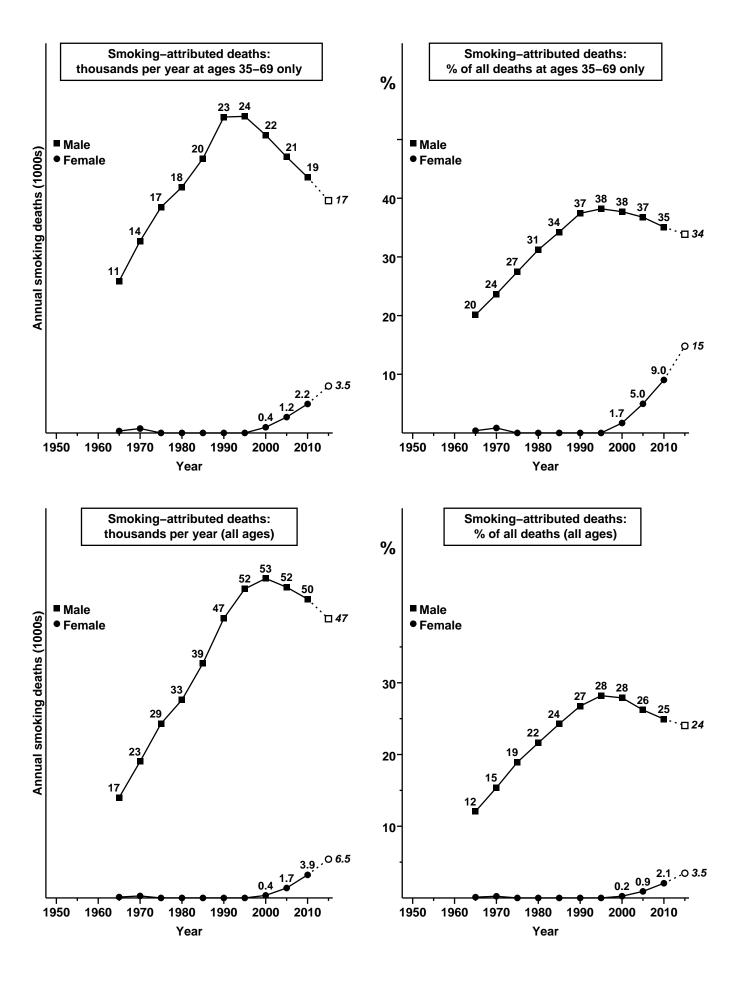
Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)			Female (by age)				
Year	0–34	35–69	70+	All	0-34	35–69	70+	AII		
1955		•••		•••		•••	•••			
1965	-/21	11/56 (20%)	5.5/62 (9%)	17/139	-/14	0.1/38	0.0/79	0.1/131		
1975	-/15	17/61 (27%)	12/78 (16%)	29/154	-/9.0	0.0/37	0.0/97	0.0/142		
1985	-/11	20/60 (34%)	19/91 (21%)	39/162	-/5.4	0.0/30	0.0/110	0.0/145		
1995	-/11	24/62 (38%)	28/111 (25%)	52/183	-/4.4	0.0/27	0.0/130	0.0/162		
2005	-/6.5	21/56 (37%)	31/136 (23%)	52/198	-/2.9	1.2/24 (5%)	0.5/155 (0.3%)	1.7/182		
2015 proj.	-/2.7	17/51 (34%)	29/141 (21%)	47/194	-/1.7	3.5/24 (15%)	3.0/162 (2%)	6.5/188		

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 2.4 / 20M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/0.7M	1.1/3.5M	1.3/6.2M	2.4/10M	-/0.4M	0.0/1.8M	0.0/7.3M	0.1/9.5M
	(32%)	(20%)			(3%)	(0.5%)	

1965-2015: SPAIN



SWEDEN: 1960-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/1.0	-/0.5	_	
35–69	1.2 / 9.5	1.3 / 6.4	21 years	
70+	4.0 / 33	5.6 / 39	7 years	
All ages	5.1 / 43	6.9 / 45	10 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

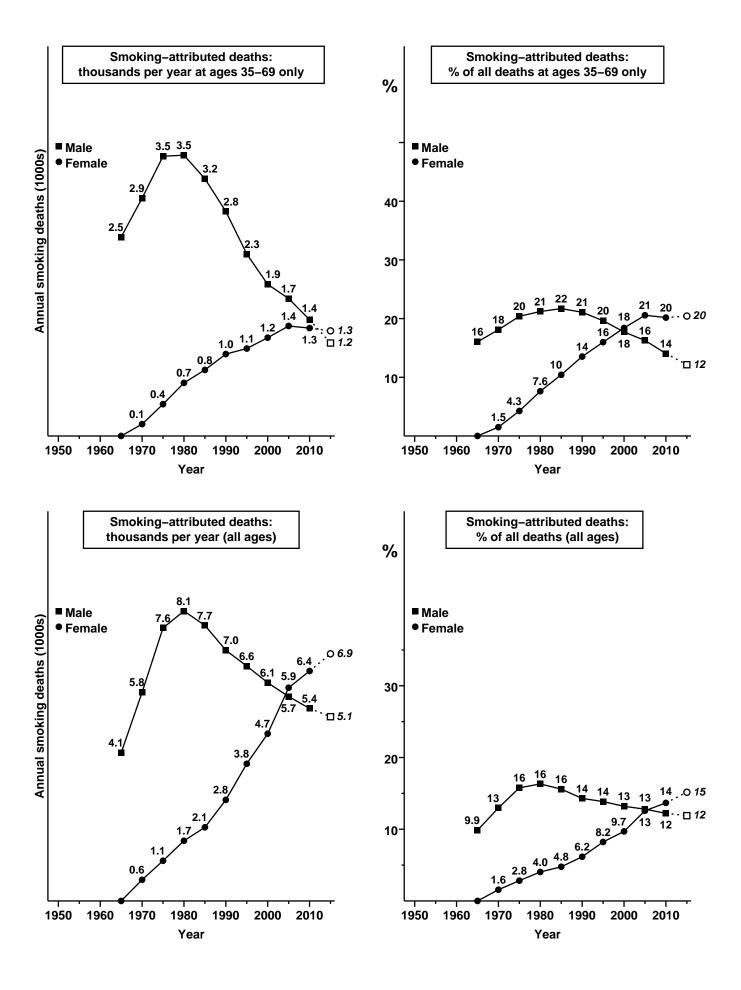
		Male (k	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955									
965	-/2.6	2.5/15 (16%)	1.7/24 (7%)	4.1/42	-/1.5	0.0/9.9	0.0/25	0.0/36	
1975	-/2.2	3.5/17 (20%)	4.1/29 (14%)	7.6/48	-/1.2	0.4/9.3 (4%)	0.7/29 (2%)	1.1/40	
985	-/1.6	3.2/15 (22%)	4.5/33 (14%)	7.7/49	-/0.9	0.8/7.9 (10%)	1.2/34 (4%)	2.1/43	
995	-/1.2	2.3/11 (20%)	4.3/35 (12%)	6.6/47	-/0.7	1.1/6.8 (16%)	2.7/39 (7%)	3.8/47	
2005	-/1.0	1.7/10 (16%)	4.0/33 (12%)	5.7/45	-/0.5	1.4/6.6 (21%)	4.6/40 (11%)	5.9/47	
2015 oroj.	-/1.0	1.2/9.5 (12%)	4.0/33 (12%)	5.1/43	-/0.5	1.3/6.4 (20%)	5.6/39 (14%)	6.9/45	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 567 / 5323

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

-/95	142/785	226/1863	368/2744	-/52	50/468	149/2059	198/2579
	(18%)	(12%)			(11%)	(7%)	

1965-2015: SWEDEN



SWITZERLAND: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FRON		
(years)	Male	Female	SMOKING	
0–34	-/0.6	-/0.4	_	
35–69	1.6 / 7.6	0.9 / 4.7	23 years	
70+	3.2 / 22	2.6/28	7 years	
All ages	4.8 / 30	3.6 / 33	12 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

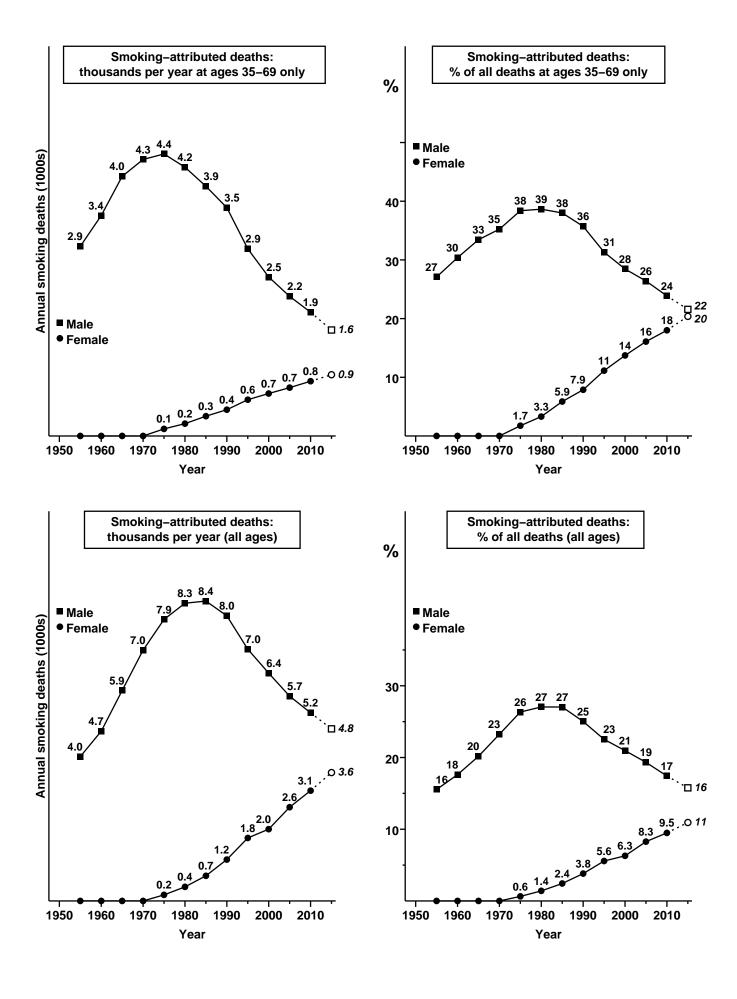
		Male (k	oy age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955	-/3.0	2.9/11 (27%)	1.1/12 (9%)	4.0/26	-/1.9	0.0/8.0	0.0/15	0.0/24	
1965	-/2.9	4.0/12 (33%)	1.8/14 (13%)	5.9/29	-/1.6	0.0/7.6	0.0/17	0.0/26	
1975	-/2.1	4.4/11 (38%)	3.5/16 (21%)	7.9/30	-/1.1	0.1/6.3 (2%)	0.1/19 (0.3%)	0.2/27	
1985	-/1.8	3.9/10 (38%)	4.5/19 (24%)	8.4/31	-/0.8	0.3/5.2 (6%)	0.4/23 (2%)	0.7/29	
1995	-/1.6	2.9/9.3 (31%)	4.1/20 (20%)	7.0/31	-/0.8	0.6/5.0 (11%)	1.2/26 (5%)	1.8/32	
2005	-/0.9	2.2/8.2 (26%)	3.5/20 (17%)	5.7/30	-/0.5	0.7/4.7 (16%)	1.9/26 (7%)	2.6/32	
2015 proj.	-/0.6	1.6/7.6 (22%)	3.2/22 (14%)	4.8/30	-/0.4	0.9/4.7 (20%)	2.6/28 (9%)	3.6/33	

60-year total (thousands), decade of 1960s to decade of 2010s (1960-2020*): 484 / 3585

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

-/100	190/587	207/1124	396/1810	-/52	27/335	61/1389	88/1776
	(32%)	(18%)			(8%)	(4%)	

1955-2015: SWITZERLAND



UKRAINE: 1980-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/17	-/7.3	-	
35–69	50 / 150	2.4 / 75	20 years	
70+	20 / 141	0.7 / 245	8 years	
All ages	70 / 309	3.1 / 327	17 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

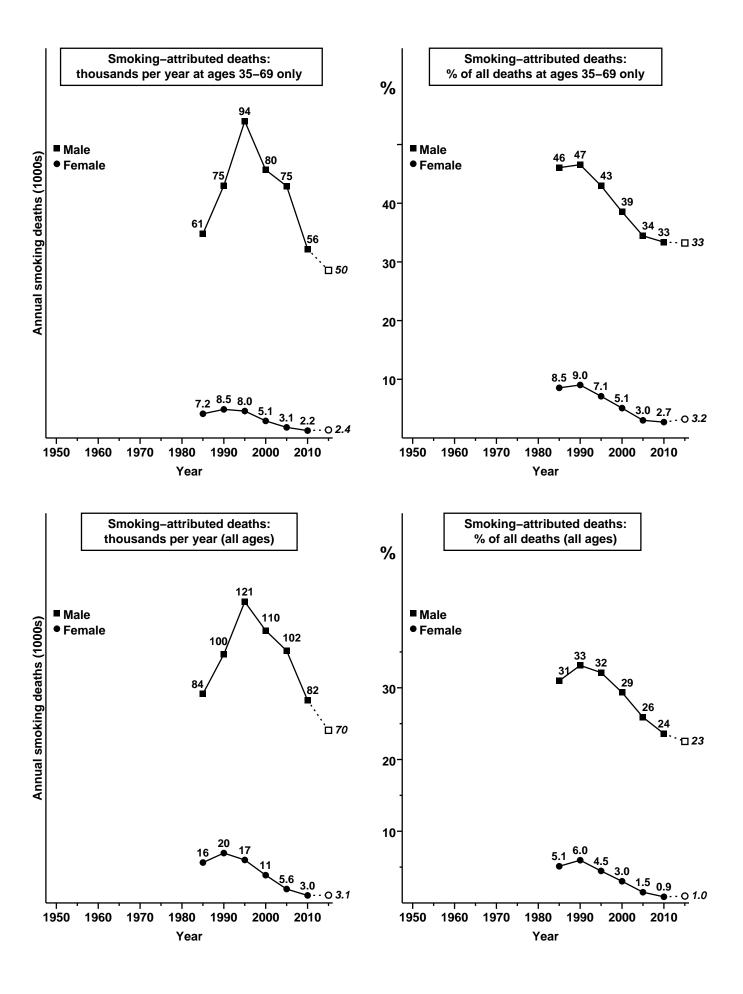
		Male (b	y age)			Female (by age)			
Year	0-34	35–69	70+	All	0-34	35–69	70+	All	
1955				•••					
1965									
1975									
1985	-/26	61/132 (46%)	23/114 (21%)	84/272	-/13	7.2/84 (9%)	9.1/221 (4%)	16/318	
1995	-/30	94/219 (43%)	27/128 (21%)	121/378	-/12	8.0/113 (7%)	9.3/264 (4%)	17/388	
2005	-/27	75/218 (34%)	27/147 (18%)	102/392	-/10	3.1/105 (3%)	2.4/259 (0.9%)	5.6/373	
2015 oroj.	-/17	50/150 (33%)	20/141 (14%)	70/309	-/7.3	2.4/75 (3%)	0.7/245 (0.3%)	3.1/327	

40-year total (M=millions), decade of 1980s to decade of 2010s (1980-2020*): 4.2 / 28M

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

-/1.0M	2.8/7.2M	1.0/5.3M	3.8/14M	-/0.4M	0.2/3.8M	0.2/9.9M	0.4/14M
	(39%)	(18%)			(6%)	(2%)	

1985-2015: UKRAINE



UNITED KINGDOM: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/7.1	-/4.1	-	
35–69	16 / 70	12 / 48	23 years	
70+	38 / 187	48 / 224	7 years	
All ages	55 / 264	60/277	11 years	

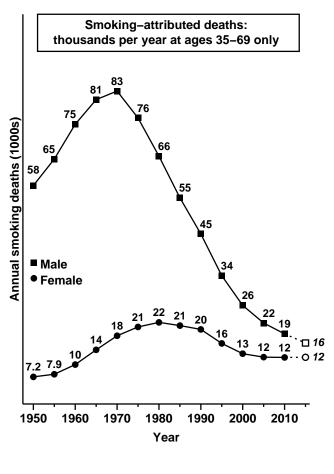
Numbers of deaths attributed to smoking / total deaths (thousands)

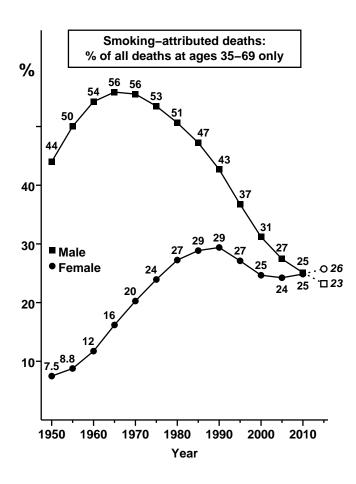
		Male (b	y age)			Female (by age)				
Year	0-34	35–69	70+	All	0-34	35–69	70+	All		
1955	-/24	65/130 (50%)	25/149 (17%)	90/303	-/17	7.9/90 (9%)	3.9/178 (2%)	12/285		
1965	-/23	81/145 (56%)	45/156 (29%)	126/324	-/15	14/89 (16%)	10/203 (5%)	24/307		
1975	-/17	76/143 (53%)	66/177 (37%)	142/337	-/10	21/86 (24%)	22/234 (9%)	43/331		
1985	-/13	55/116 (47%)	70/196 (36%)	125/325	-/7.5	21/72 (29%)	38/251 (15%)	59/331		
1995	-/11	34/93 (37%)	61/203 (30%)	95/308	-/6.0	16/60 (27%)	53/266 (20%)	69/332		
2005	-/9.2	22/79 (27%)	45/191 (24%)	67/279	-/5.0	12/51 (24%)	53/250 (21%)	66/306		
2015 proj.	-/7.1	16/70 (23%)	38/187 (21%)	55/264	-/4.1	12/48 (26%)	48/224 (21%)	60/277		

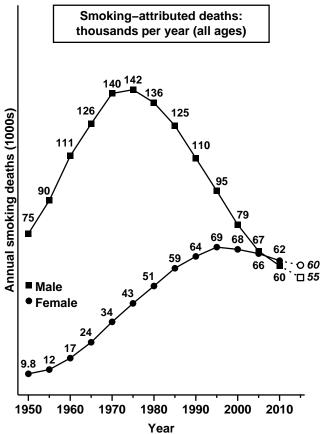
60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 9.3 / 37M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

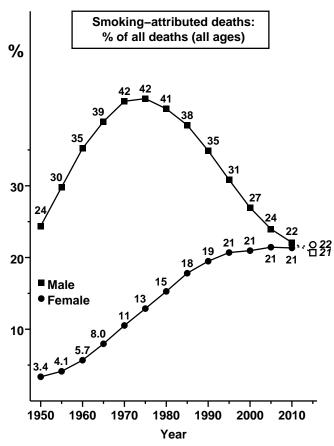
-/0.8M	2.8/6.5M	3.3/11M	6.1/18M	-/0.5M	1.0/4.1M	2.2/14M	3.2/19M
	(44%)	(29%)			(24%)	(16%)	

1950-2015: UNITED KINGDOM









UNITED STATES: 1950-2015

Relative importance of deaths in MIDDLE age (35-69), 2015 projections

Age range	Deaths attribute /total deaths	Mean years lost PER DEATH FROM		
(years)	Male	Female	SMOKING	
0–34	-/70	-/35		
35–69	124 / 494	83 / 321	23 years	
70+ 162 / 761		219 / 931	7 years	
All ages	286 / 1325	302 / 1288	13 years	

Numbers of deaths attributed to smoking / total deaths (thousands)

		Male (l	oy age)		Female (by age)				
Year	0-34	35–69	70+	All	0–34	35–69	70+	All	
1955	-/121	114/410 (28%)	24/351 (7%)	139/882	-/81	1.4/245 (0.6%)	0.0/337	1.4/663	
1965	-/118	169/461 (37%)	66/457 (14%)	235/1036	-/74	18/265 (7%)	1.5/456 (0.3%)	19/795	
1975	-/109	193/461 (42%)	112/493 (23%)	305/1063	-/57	53/266 (20%)	26/536 (5%)	79/858	
1985	-/99	183/423 (43%)	152/569 (27%)	335/1092	-/48	80/260 (31%)	89/674 (13%)	169/983	
1995	-/90	161/416 (39%)	179/656 (27%)	341/1163	-/43	87/261 (34%)	184/831 (22%)	272/1135	
2005	-/77	131/430 (30%)	171/692 (25%)	302/1199	-/39	84/283 (30%)	218/907 (24%)	302/1229	
2015 proj.	-/70	124/494 (25%)	162/761 (21%)	286/1325	-/35	83/321 (26%)	219/931 (23%)	302/1288	

60-year total (M=millions), decade of 1960s to decade of 2010s (1960-2020*): 29 / 132M *Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985, 1995, 2005 and 2015

-/5.6M	9.6/27M	8.4/36M	18/69M	-/3.0M	4.0/17M	7.4/43M	11/63M
	(36%)	(23%)			(24%)	(17%)	

1950-2015: UNITED STATES

