

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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REPUBLIC OF MOLDOVA

Raw data (pages 320–21)

Analyses (pages 322–23, 324–25, 326–27)

Appendix (pages 328–29)

(revised September 2015)

MOLDOVA, Republic of: 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 23211	1537	12584	1439.4	143.1	1926.1	297.5	25.9	30.5	71.0	119.9	167.4	289.8
	F 20420	612	6937	850.1	64.5	932.6	199.7	25.6	23.3	31.2	30.6	52.1	88.8
Tuberculosis	M 468	78	371	23.9	6.5	42.8	-	-	-	1.2	3.3	15.7	25.5
	F 67	16	46	3.0	1.3	5.0	-	-	-	-	1.0	5.0	3.2
Other infective and parasitic	M 82	35	46	4.3	3.5	5.2	11.5	-	-	-	-	6.5	6.4
	F 58	26	24	2.8	2.7	2.8	6.5	1.0	0.8	-	1.5	1.7	7.1
ALL CANCER	M 3231	106	2182	197.8	9.5	350.6	9.7	5.5	4.8	9.5	11.5	10.3	15.3
	F 2401	95	1415	106.8	8.9	183.1	2.8	3.9	9.2	4.9	5.4	10.1	25.7
Mouth and pharynx cancer	M 228	8	186	13.1	0.7	27.1	-	-	0.8	0.6	1.0	1.1	1.3
Oesophagus cancer	M 25	2	13	1.1	0.2	1.4	-	-	-	0.6	-	-	0.6
Stomach cancer	M 64	-	49	3.8	-	7.5	-	-	-	-	-	-	-
	F 6	1	2	0.3	0.1	0.3	-	-	-	-	-	-	0.6
Colorectal cancer	M 374	4	227	23.7	0.4	39.5	0.9	-	-	-	-	0.5	1.3
Liver cancer	M 346	5	180	15.2	0.4	25.4	-	-	-	-	0.5	-	2.6
Pancreas cancer	M 260	5	184	15.8	0.4	28.8	-	0.9	-	-	1.0	0.5	0.6
	F 154	2	76	6.6	0.2	9.5	-	-	-	-	-	0.6	0.6
Larynx cancer	M 190	2	135	11.7	0.2	21.1	-	-	-	-	-	0.5	1.3
	F 155	-	79	6.8	-	10.9	-	-	-	0.6	0.5	0.6	-
Lung cancer	M 138	-	108	8.2	-	16.3	-	-	-	-	-	-	-
	F 5	-	2	0.2	-	0.2	-	-	-	-	-	-	-
Malignant melanoma	M 746	9	554	45.4	0.8	88.1	-	-	-	1.2	0.5	1.1	2.5
	F 181	4	98	8.0	0.4	13.4	-	-	0.8	-	-	-	1.9
Female breast cancer	M 28	1	19	1.6	0.1	2.7	-	-	-	-	0.5	-	-
	F 27	1	16	1.2	0.1	2.0	-	-	-	-	-	-	0.6
Cervix cancer	M 457	4	313	20.6	0.4	39.5	-	-	-	-	-	0.6	1.9
Other uterine cancer	M 192	13	129	8.7	1.2	15.5	-	-	-	-	-	1.1	7.1
Ovarian cancer	M 108	1	70	4.9	0.1	9.2	-	-	-	-	-	-	0.6
Prostate cancer	M 99	9	68	4.5	0.8	8.5	-	1.0	0.8	-	1.5	1.1	1.3
Bladder cancer	M 200	-	82	13.6	-	17.2	-	-	-	-	-	-	-
Other and ill-defined cancer sites	M 434	42	292	25.7	3.9	45.0	6.2	4.6	0.8	4.1	4.8	3.2	3.8
Hodgkin's disease	M 320	22	191	14.4	2.2	25.1	1.9	2.0	3.3	1.8	1.5	2.8	1.9
Myeloma and non-Hodgkin lymphomas	M 113	-	56	7.5	-	10.4	-	-	-	-	-	-	-
	F 17	-	8	0.7	-	1.1	-	-	-	-	-	-	-
Leukaemia	M 65	14	38	3.7	1.2	5.7	1.8	-	-	2.4	1.9	0.5	1.9
	F 63	6	40	2.9	0.6	5.4	0.9	-	-	0.6	-	1.1	1.3
Diabetes	M 63	12	32	3.7	1.1	4.5	0.9	-	3.2	1.2	1.4	0.5	0.6
	F 59	12	32	2.8	1.2	4.0	-	1.0	3.3	1.2	0.5	1.1	1.3
ALL VASCULAR DISEASE	M 179	6	108	11.2	0.5	18.5	-	-	-	0.6	1.4	-	1.3
	F 180	5	94	8.0	0.4	13.5	-	-	0.8	-	1.0	-	1.3
Rheumatic heart disease and fever	M 11209	96	4448	745.1	8.2	762.8	2.7	-	0.8	3.5	4.8	17.9	27.4
	F 13303	23	2807	528.6	2.1	413.5	1.9	-	0.8	2.5	1.0	2.8	5.8
Hypertensive disease	M 65	5	50	3.7	0.5	6.8	-	-	0.8	-	-	1.1	1.3
	F 80	-	61	3.6	-	7.7	-	-	-	-	-	-	-
Ischaemic heart disease	M 334	-	109	22.6	-	20.0	-	-	-	-	-	-	-
	F 537	-	130	21.8	-	20.3	-	-	-	-	-	-	-
Pulmonary embolism and other venous	M 7506	52	2673	505.6	4.3	470.9	-	-	-	1.8	2.9	9.2	16.6
	F 9060	6	1497	354.5	0.5	228.8	-	-	-	0.5	0.6	0.6	2.6
Cerebrovascular disease	M 45	1	39	2.6	0.1	5.6	-	-	-	-	-	0.5	-
	F 32	-	23	1.5	-	2.8	-	-	-	-	-	-	-
Other vascular disease	M 2824	17	1250	185.5	1.5	214.0	0.9	-	-	0.6	1.0	2.7	5.1
	F 3348	6	953	136.5	0.5	137.1	-	-	-	0.6	-	1.1	1.9
Chronic obstructive pulmonary disease	M 435	21	327	25.1	1.8	45.6	1.8	-	-	1.2	1.0	4.3	4.5
	F 246	11	143	10.6	1.1	16.8	1.9	-	0.8	1.8	0.5	1.1	1.3
Other respiratory disease	M 878	4	344	59.1	0.3	63.2	-	-	-	1.2	-	0.5	0.6
	F 547	-	95	21.4	-	14.1	-	-	-	-	-	-	-
Peptic ulcer	M 736	87	585	41.0	9.1	76.0	37.2	-	0.8	1.2	2.9	7.6	14.0
	F 272	43	168	12.9	5.0	19.0	24.3	1.0	0.8	-	1.5	2.8	4.5
Renal disease	M 153	7	119	8.7	0.6	16.4	-	-	-	-	-	1.1	3.2
	F 43	-	25	1.9	-	3.0	-	-	-	-	-	-	-
Liver cirrhosis	M 1780	60	1415	102.2	5.2	198.6	1.8	-	-	1.2	2.4	7.0	24.2
	F 1725	23	1259	78.3	2.0	158.9	-	-	-	-	-	2.8	11.6
Pregnancy, birth and congenital and perinatal causes	M 118	17	62	7.2	1.4	10.3	-	0.9	0.8	1.2	2.4	2.7	1.9
	F 118	4	61	5.0	0.3	7.4	-	-	-	-	0.5	0.6	1.3
Ill-defined causes	M 189	16	140	10.8	1.5	18.8	4.4	-	-	0.6	1.4	1.6	2.5
	F 84	9	38	3.9	1.1	5.1	7.5	-	-	-	-	0.6	-
Other medical causes	M 1103	124	798	62.0	11.3	107.5	11.5	3.7	4.0	6.5	10.5	7.0	35.7
	F 626	56	395	28.3	5.8	47.7	12.1	7.9	0.8	2.5	3.0	7.3	7.1
ALL NON-MEDICAL CAUSES	M 2863	685	1961	150.7	58.5	254.9	33.6	14.8	19.3	43.8	78.8	88.3	130.6
	F 829	154	502	37.6	14.7	58.6	17.7	8.9	9.2	20.2	11.4	16.2	19.3
Road traffic accidents	M 328	160	152	15.6	12.9	18.8	2.7	4.6	4.0	10.7	27.7	24.9	15.9
	F 85	29	47	3.9	2.6	5.3	1.9	2.0	-	6.7	2.5	2.8	2.6
Fire	M 101	17	66	5.8	1.6	9.5	2.7	-	0.8	-	1.0	2.2	4.5
	F 56	5	18	2.4	0.6	2.2	0.9	1.0	1.7	-	-	-	0.6
Suicide	M 579	134	418	29.5	10.9	51.8	-	-	1.6	9.5	15.8	20.0	29.3
	F 97	24	59	4.4	2.0	7.1	-	-	-	4.3	3.5	1.7	4.5
POPULATION: (1000s; UN, 2015 revision)	M=male			1963.7	1065.7	796.4	113.0	108.2	124.5	169.0	209.4	184.6	157.0
	F=female			2120.8	1028.8	909.1	107.2	101.5	120.3	163.4	202.5	178.5	155.4

MOLDOVA, Republic of: 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	– / 1.4	– / 0.6	–
35–69	3.3 / 12	0.2 / 6.4	21 years
70+	1.1 / 8.8	0.4 / 13	8 years
All ages	4.4 / 22	0.6 / 20	17 years

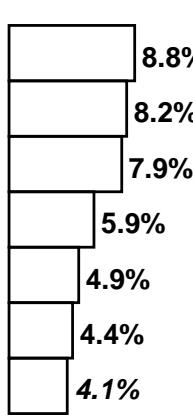
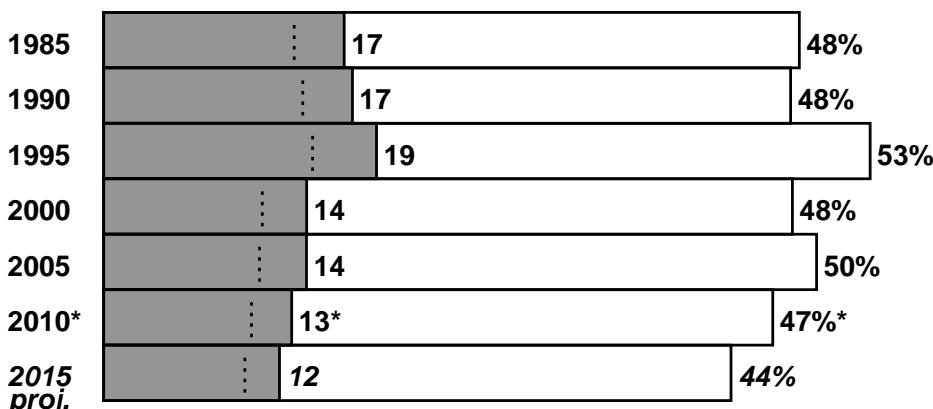
Deaths, by cause, attributed to SMOKING / total deaths in the year 2010

Cause	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
Lung Cancer	–/7	487/537	148/186	635/730	–/3	30/99	27/79	57/181
All Cancer	–/84	858/2178 (39%)	213/963 (22%)	1071/3225	–/75	35/1450 (2%)	32/892 (4%)	67/2417
Vascular	–/82	1612/4155	618/6397	2230/10634	–/25	161/2598	238/10150	399/12773
Respiratory	–/85	440/824	240/555	680/1464	–/44	22/205	88/452	110/701
All Other	–/1137	428/4462	21/853	449/6452	–/448	17/2160	7/1032	24/3640
All Causes	–/1388	3338/11621 (29%)	1092/8766 (12%)	4430/21775	–/594	235/6409 (4%)	365/12525 (3%)	600/19528

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

Cause	Male	Female	Male + Female
All Cancer	1.1 / 3.2 (33%)	0.1 / 2.4 (3%)	1.1 / 5.6 (20%)
All Causes	4.4 / 22 (20%)	0.6 / 20 (3%)	5.0 / 41 (12%)

1985-2015: Republic of MOLDOVA

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, 47 would die before age 70 (with 13 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

Note: For smoking-attributed mortality (pages 320–327), the long-term average is more trustworthy and relevant than implausibly rapid short-term fluctuations.

FEMALE

MOLDOVA, Republic of: 1980-2015***Relative importance of deaths in MIDDLE age (35–69), 2015 projections***

Age range (years)	Deaths attributed to SMOKING		Mean years lost PER DEATH FROM SMOKING
	/total deaths (thousands)	Male	
0–34	– / 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

Year	Male (by age)				Female (by age)			
	0–34	35–69	70+	All	0–34	35–69	70+	All
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

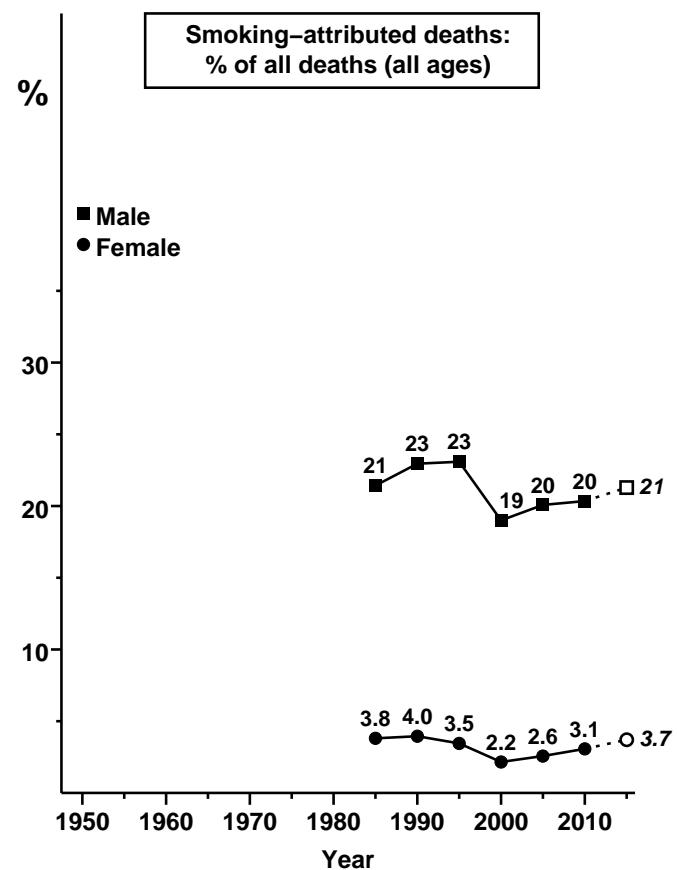
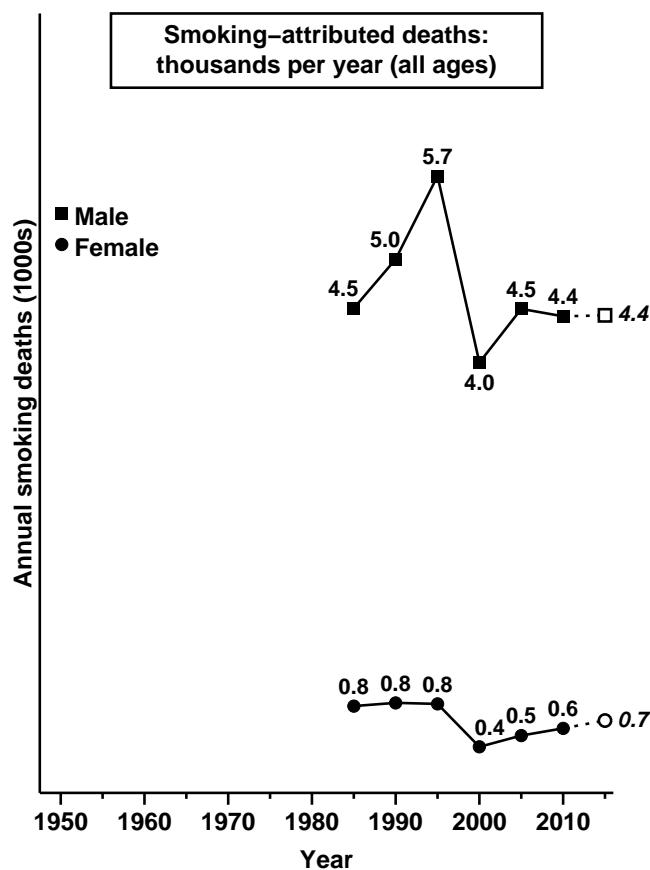
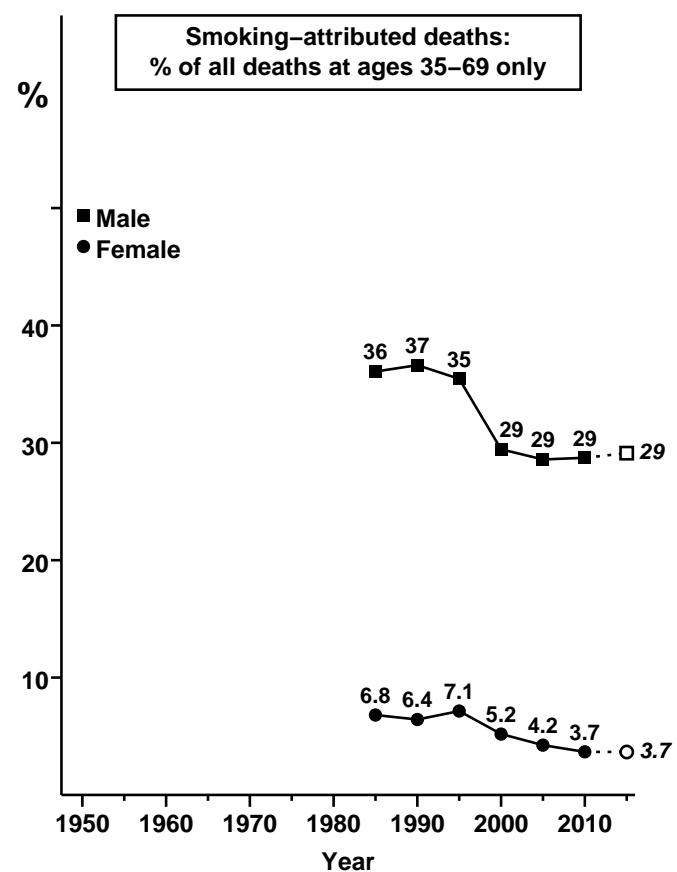
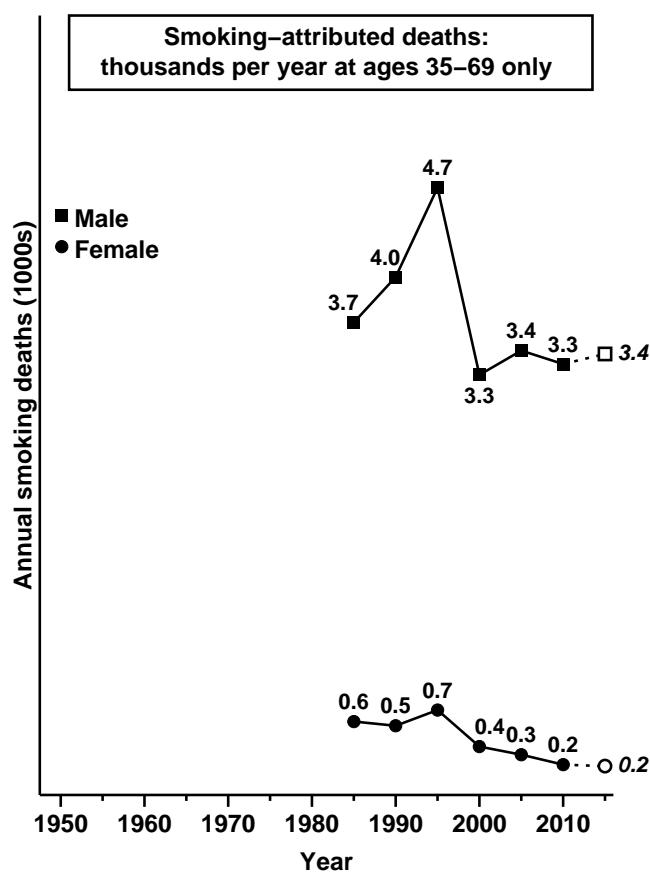
40-year total (thousands), decade of 1980s to decade of 2010s (1980–2020*): 220 / 1732

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

1980–2020, by age & sex:

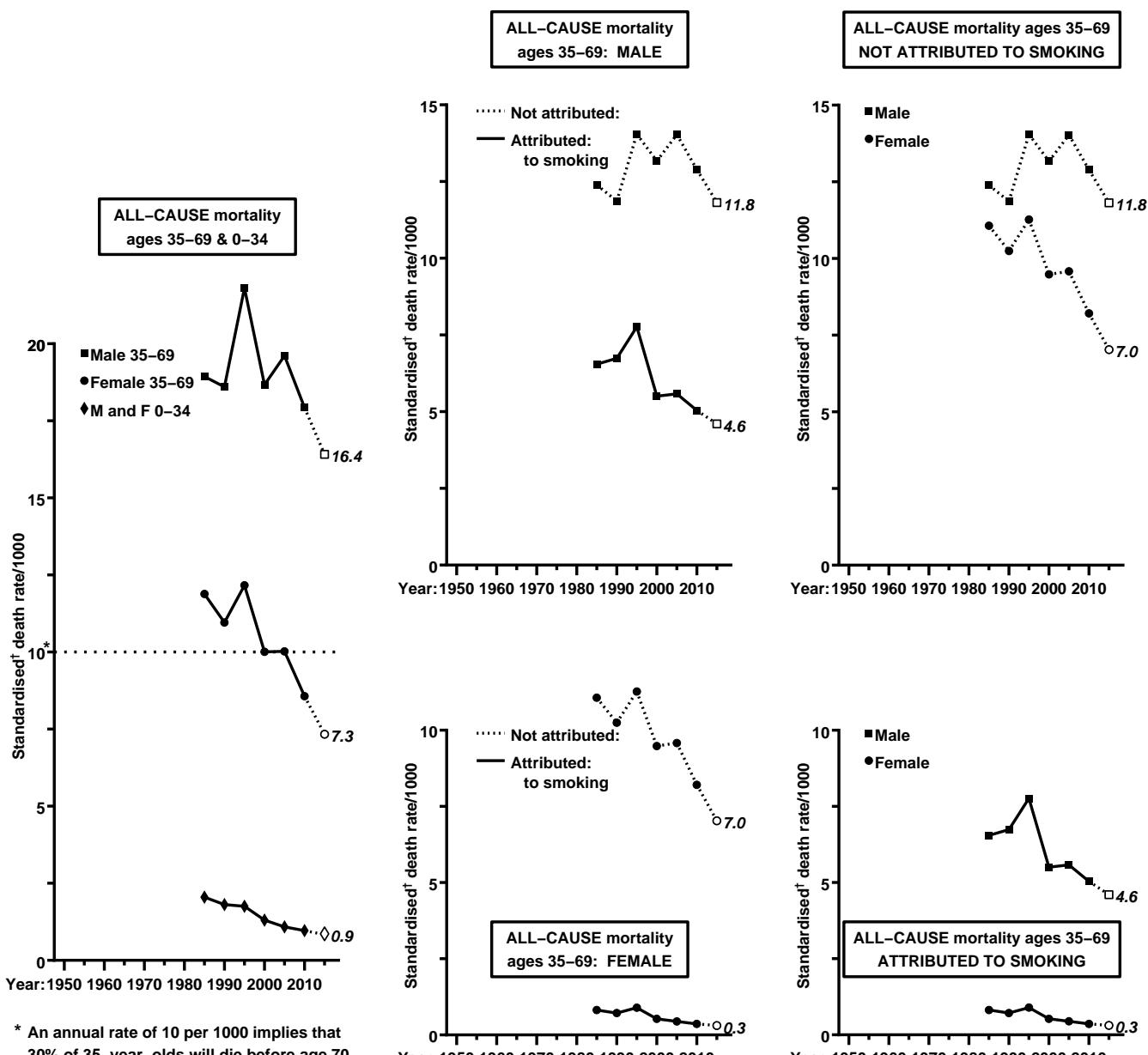
–/90	152/472 (32%)	40/329 (12%)	192/891	–/46	18/310 (6%)	11/484 (2%)	28/840
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1985-2015: Republic of MOLDOVA



MOLDOVA, Republic of: 1985-2015

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

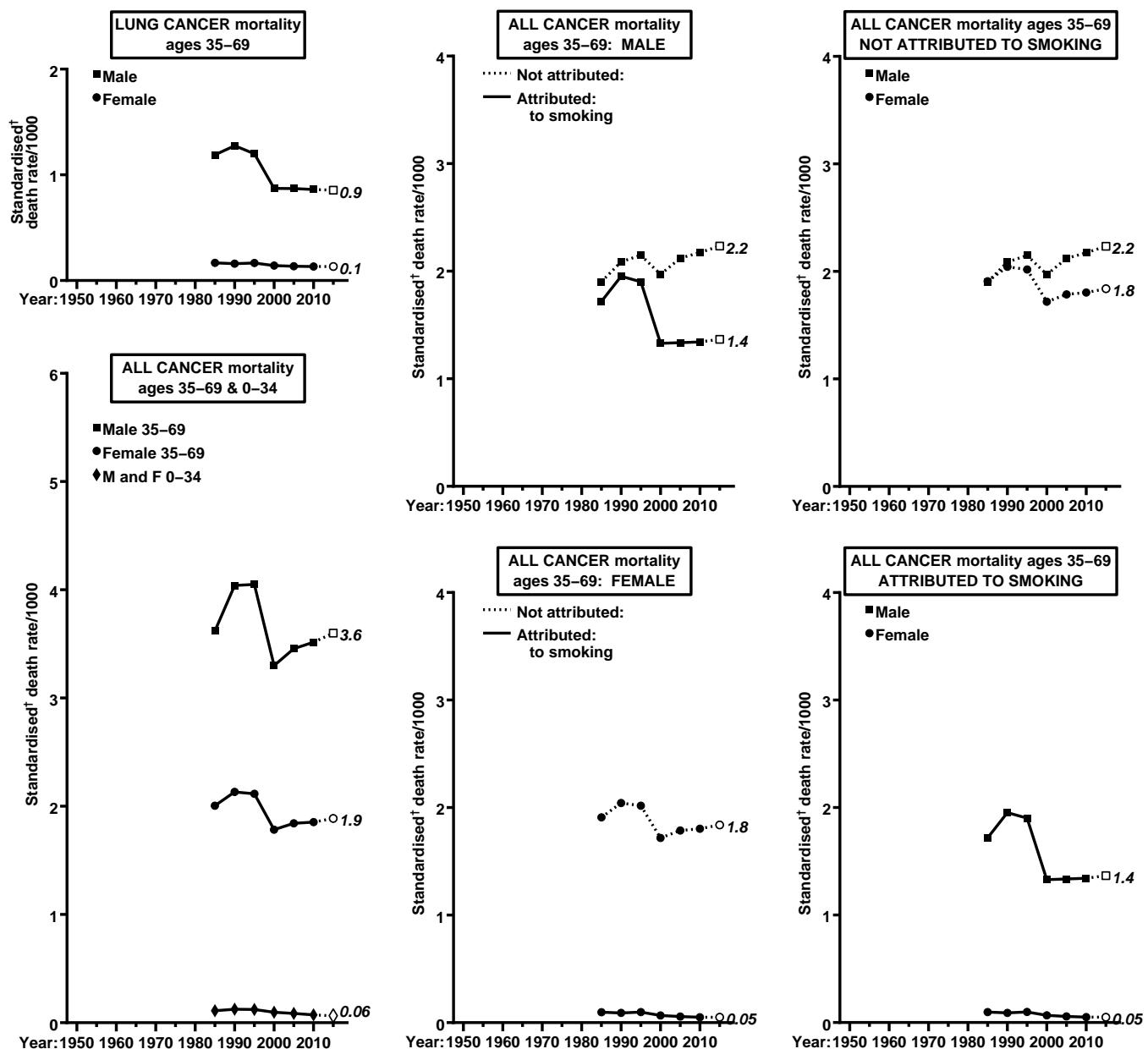
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

Year	Attributed to smoking?	MALE all-cause mortality (annual rate/1000, by age)						FEMALE all-cause mortality (annual rate/1000, by age)					
		0-34		35-69		70-79		0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	
1955	
1960	
1965	
1970	
1975	
1980	
1985	-	2.62	6.55	12.4	9.78	68.4	-	1.48	0.81	11.1	1.49	56.1	
1990	-	2.44	6.74	11.9	11.6	67.5	-	1.17	0.71	10.2	2.17	55.7	
1995	-	2.34	7.76	14.0	11.8	77.8	-	1.17	0.89	11.3	1.06	65.8	
2000	-	1.74	5.50	13.2	7.51	67.7	-	0.86	0.53	9.48	0.31	54.4	
2005	-	1.42	5.58	14.0	10.1	68.6	-	0.74	0.44	9.58	1.15	53.5	
2010	-	1.29	5.04	12.9	10.1	63.1	-	0.63	0.36	8.21	1.60	48.0	
2015	-	1.18	4.60	11.8	10.1	58.0	-	0.53	0.31	7.03	1.90	43.1	

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

1985-2015: Republic of MOLDOVA

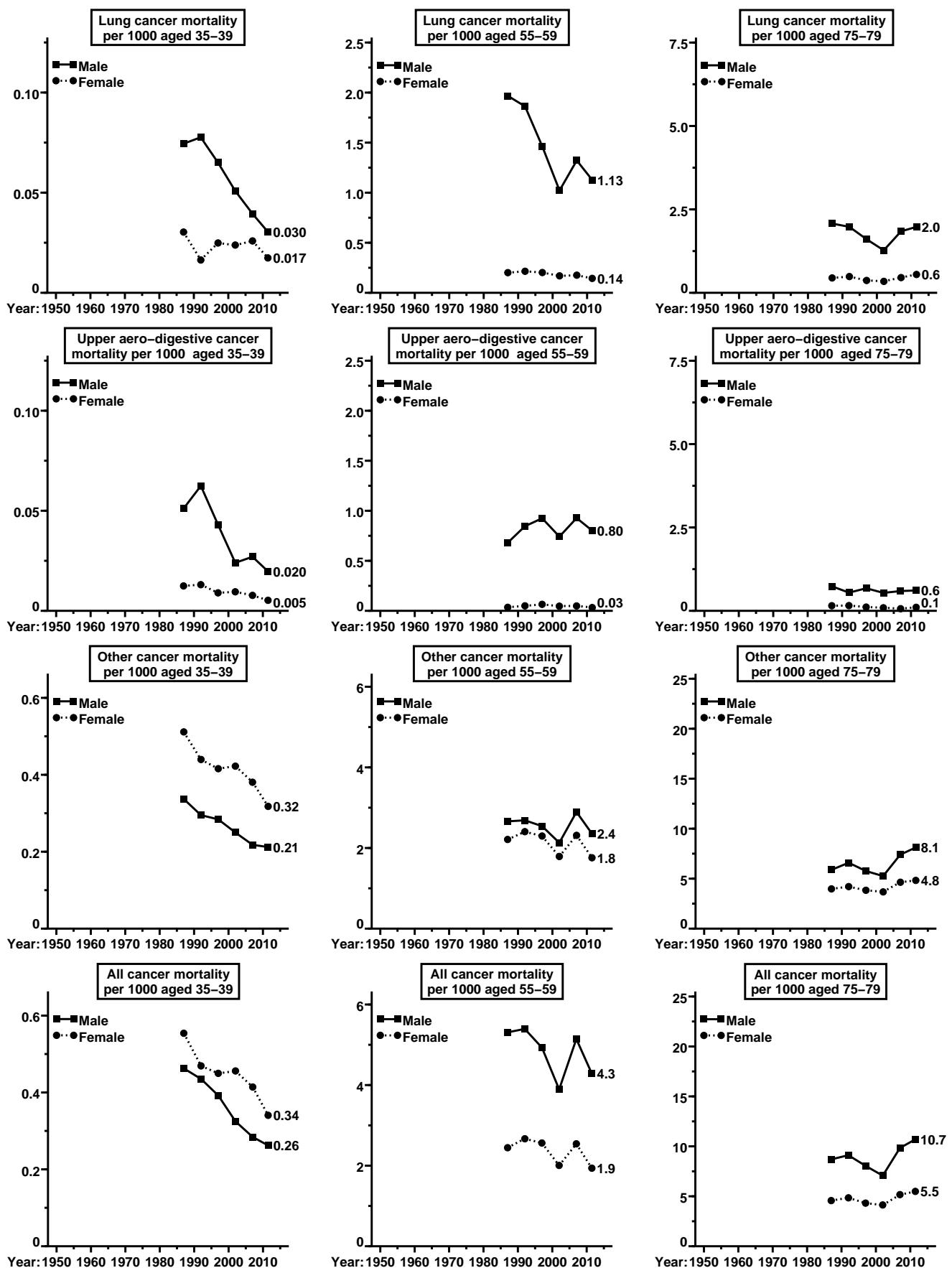
ALL CANCER mortality rates attributed and not attributed to smoking



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

Year	Attributed to smoking?	MALE cancer mortality (annual rate/1000, by age)						FEMALE cancer mortality (annual rate/1000, by age)					
		0-34		35-69		70-79		0-34		35-69		70-79	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1950	
1955	
1960	
1965	
1970	
1975	
1980	
1985	-	0.12	1.72	1.90	1.95	5.77	-	0.10	0.10	1.91	0.13	4.11	
1990	-	0.13	1.95	2.09	2.55	7.06	-	0.12	0.09	2.04	0.21	4.72	
1995	-	0.13	1.90	2.15	2.20	6.57	-	0.12	0.10	2.02	0.09	4.56	
2000	-	0.09	1.33	1.97	1.38	5.69	-	0.10	0.07	1.72	0.02	3.88	
2005	-	0.09	1.33	2.12	1.93	6.97	-	0.08	0.06	1.79	0.11	4.63	
2010	-	0.07	1.34	2.17	2.33	7.87	-	0.07	0.05	1.80	0.19	5.01	
2015	-	0.07	1.37	2.23	2.74	8.93	-	0.06	0.05	1.84	0.27	5.44	

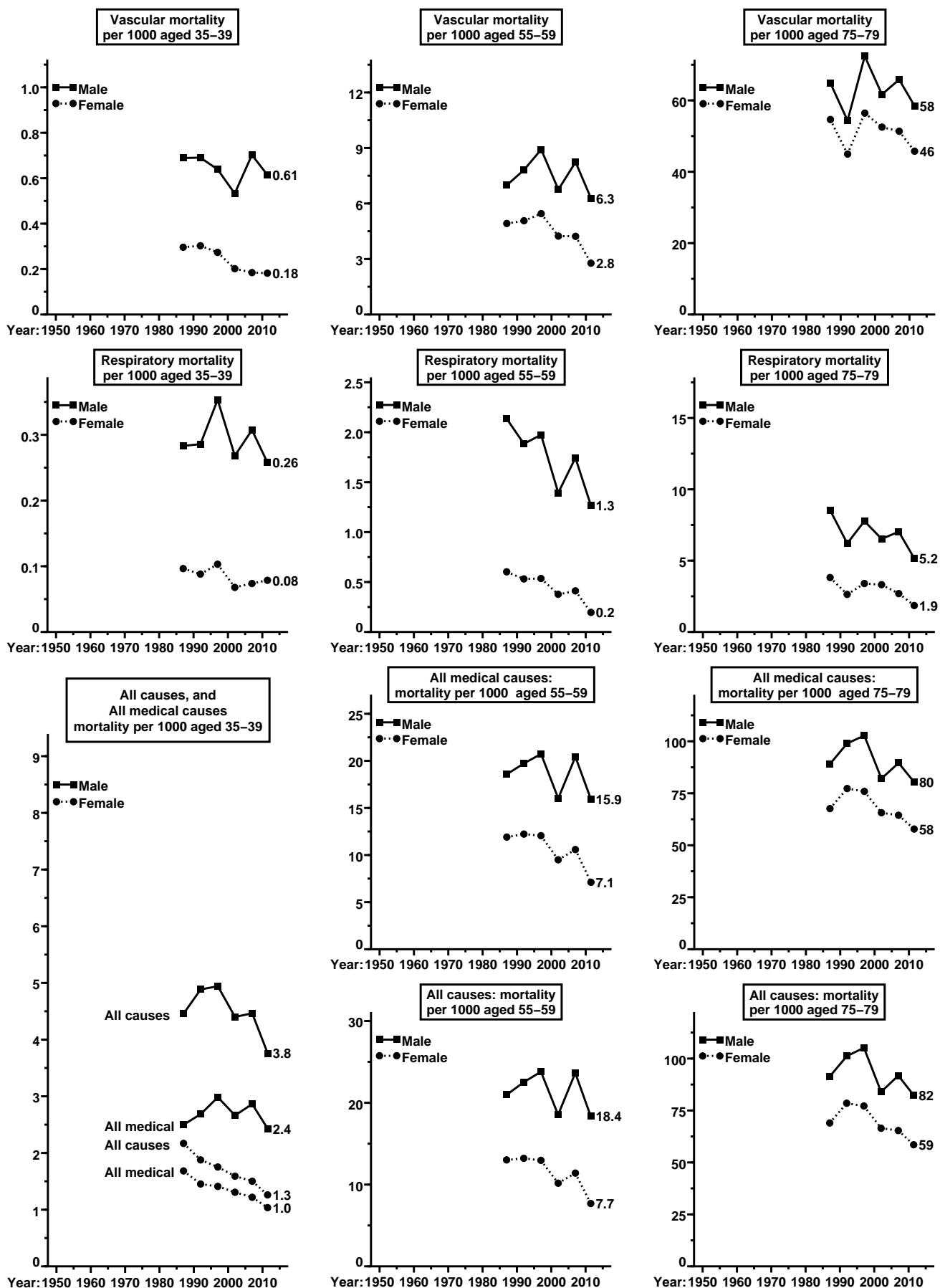
0-34 and 35–69 = means of 7 age-specific rates; 70–79 = mean of 2 rates (70–74 & 75–79)

MOLDOVA, Republic of: 1985-2013**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1985-89,...,2005-09; then 4-year average 2010-13

1985-2013: Republic of MOLDOVA

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



* Annual mortality per 1000: averages of years available in 1985-89,...,2005-09; then 4-year average 2010-13