

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

(2nd edition, www.deathsfromsmoking.net)

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**NETHERLANDS
(1950–2005)**

Raw data (pages 338–39, 340–41)

Analyses (pages 342–43, 344–45, 346–47)

Appendix (pages 348–49)

(revised 3–OCT–2008)

NETHERLANDS: 2005

Relative importance of deaths in MIDDLE age (35–69) in the year 2005

| Age range (years) | Deaths attributed to SMOKING /total deaths (thousands) | | Mean years lost PER DEATH FROM SMOKING |
|-------------------|--|----------|--|
| | Male | Female | |
| 0–34 | – / 1.8 | – / 1.2 | – |
| 35–69 | 5.9 / 20 | 3.2 / 13 | 23 years |
| 70+ | 11 / 45 | 6.1 / 56 | 8 years |
| All ages | 17 / 66 | 9.3 / 70 | 13 years |

Deaths, by cause, attributed to SMOKING / total deaths (thousands) in the year 2005

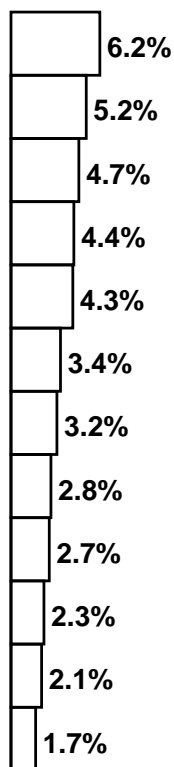
| Cause | Male (by age) | | | | Female (by age) | | | |
|-------------|---------------|------------------|-----------------|---------|-----------------|------------------|-----------------|---------|
| | 0–34 | 35–69 | 70+ | All | 0–34 | 35–69 | 70+ | All |
| Lung Cancer | –/0.0 | 2.4/2.7 | 3.4/3.7 | 5.8/6.4 | –/0.0 | 1.4/1.7 | 1.1/1.4 | 2.5/3.1 |
| All Cancer | –/0.2 | 3.4/8.3 (41%) | 5.1/13 (40%) | 8.6/21 | –/0.2 | 1.7/7.2 (24%) | 1.6/11 (15%) | 3.3/18 |
| Vascular | –/0.1 | 1.2/5.5 | 2.1/15 | 3.3/21 | –/0.1 | 0.6/2.3 | 1.5/20 | 2.1/23 |
| Respiratory | –/0.0 | 0.4/0.9 | 2.9/6.3 | 3.3/7.3 | –/0.0 | 0.4/0.7 | 1.8/6.2 | 2.2/7.0 |
| All Other | –/1.4 | 0.8/5.3 | 1.2/10 | 2.0/17 | –/0.9 | 0.5/2.8 | 1.2/19 | 1.7/22 |
| All Causes | –/1.8 | 5.9/20 (29%) | 11/45 (25%) | 17/66 | –/1.2 | 3.2/13 (24%) | 6.1/56 (11%) | 9.3/70 |

Cancer deaths, and all deaths, attributed to SMOKING / total deaths (thousands) in the year 2005

| Cause | Male | Female | Male + Female |
|------------|-------------------|-------------------|-------------------|
| All Cancer | 8.6 / 21 (40%) | 3.3 / 18 (18%) | 12 / 39 (30%) |
| All Causes | 17 / 66 (26%) | 9.3 / 70 (13%) | 26 / 136 (19%) |

1950-2005: NETHERLANDS

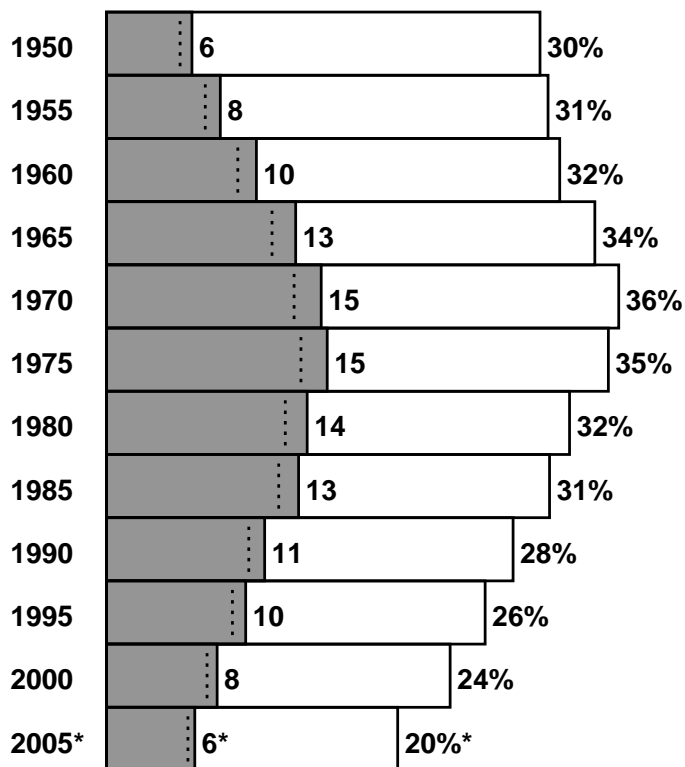
Population risk of dying at ages 0-34



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

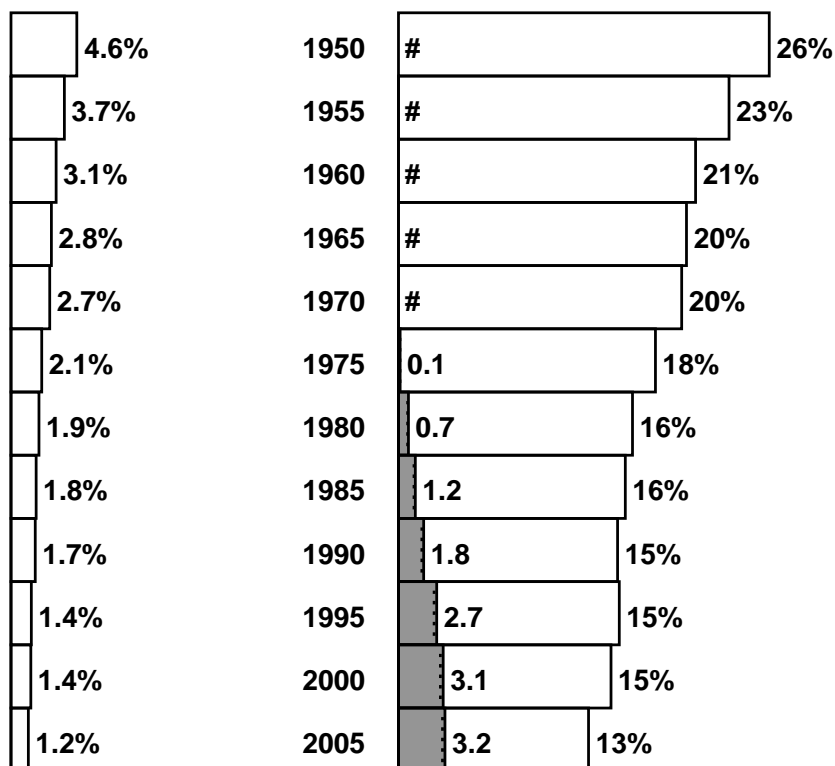
*eg, at year 2005 male death rates, out of 100 men aged 35, 20 would die before age 70 (with 6 of these deaths attributed to smoking)

MALE



Note: Most of those killed by smoking would otherwise have survived beyond age 70, but a minority (shaded area to right of dotted line) would have died by 70 anyway

FEMALE



Real risk too low to estimate reliably

NETHERLANDS: 1950-2005

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

| Year | Male (by age) | | | | Female (by age) | | | |
|------|---------------|------------------------|------------------------|--------|-----------------|-------------------------|-------------------------|--------|
| | 0-34 | 35-69 | 70+ | All | 0-34 | 35-69 | 70+ | All |
| 1950 | -/6.6 | 3.0/14 (22%) | 0.9/18 (5%) | 3.9/39 | -/4.7 | 0.0/12 | 0.0/20 | 0.0/37 |
| 1955 | -/5.4 | 4.3/16 (27%) | 1.5/22 (7%) | 5.8/43 | -/3.7 | 0.0/12 | 0.0/22 | 0.0/38 |
| 1960 | -/5.0 | 6.0/18 (34%) | 2.6/25 (10%) | 8.6/47 | -/3.3 | 0.0/12 | 0.0/25 | 0.0/40 |
| 1965 | -/4.9 | 8.2/21 (39%) | 4.3/29 (15%) | 12/54 | -/3.1 | 0.0/13 | 0.0/28 | 0.0/44 |
| 1970 | -/5.0 | 9.9/24 (42%) | 6.7/32 (21%) | 17/61 | -/3.0 | 0.0/13 | 0.0/32 | 0.0/49 |
| 1975 | -/3.9 | 10/24 (44%) | 9.2/36 (26%) | 20/64 | -/2.3 | 0.1/13 (0.7%) | 0.0/35 | 0.1/50 |
| 1980 | -/3.6 | 9.8/23 (43%) | 11/37 (31%) | 21/63 | -/2.0 | 0.5/12 (4%) | 0.2/37 (0.7%) | 0.8/51 |
| 1985 | -/3.1 | 9.8/23 (43%) | 13/40 (32%) | 23/66 | -/1.8 | 0.9/12 (8%) | 0.7/43 (2%) | 1.6/57 |
| 1990 | -/3.0 | 8.6/22 (38%) | 13/41 (32%) | 22/67 | -/1.8 | 1.4/12 (11%) | 1.3/48 (3%) | 2.7/62 |
| 1995 | -/2.6 | 7.9/22 (36%) | 13/44 (29%) | 21/68 | -/1.5 | 2.2/13 (17%) | 2.9/53 (5%) | 5.1/67 |
| 2000 | -/2.3 | 6.7/22 (31%) | 12/45 (27%) | 19/69 | -/1.4 | 2.8/13 (21%) | 4.2/57 (7%) | 7.0/72 |
| 2005 | -/1.8 | 5.9/20 (29%) | 11/45 (25%) | 17/66 | -/1.2 | 3.2/13 (24%) | 6.1/56 (11%) | 9.3/70 |

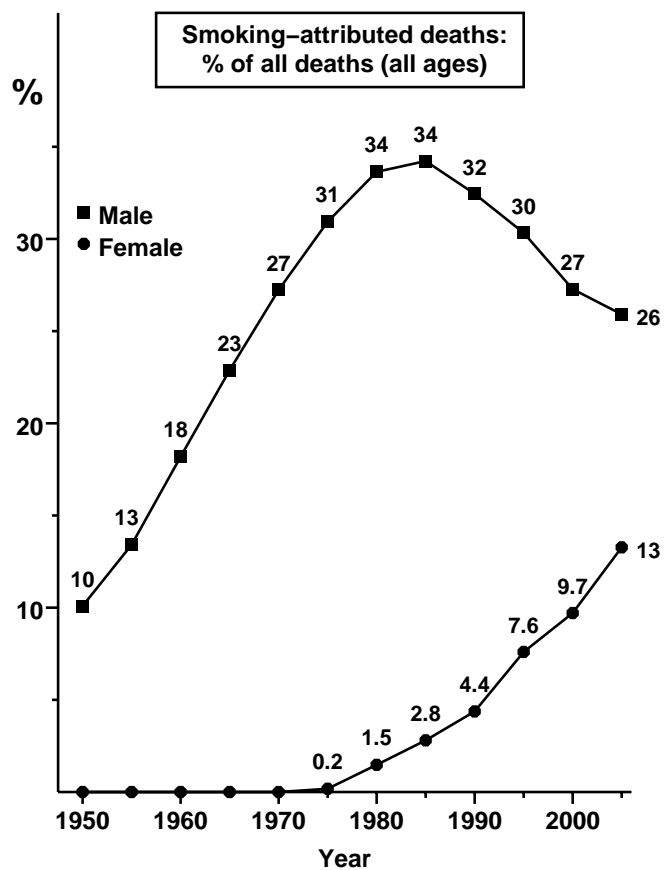
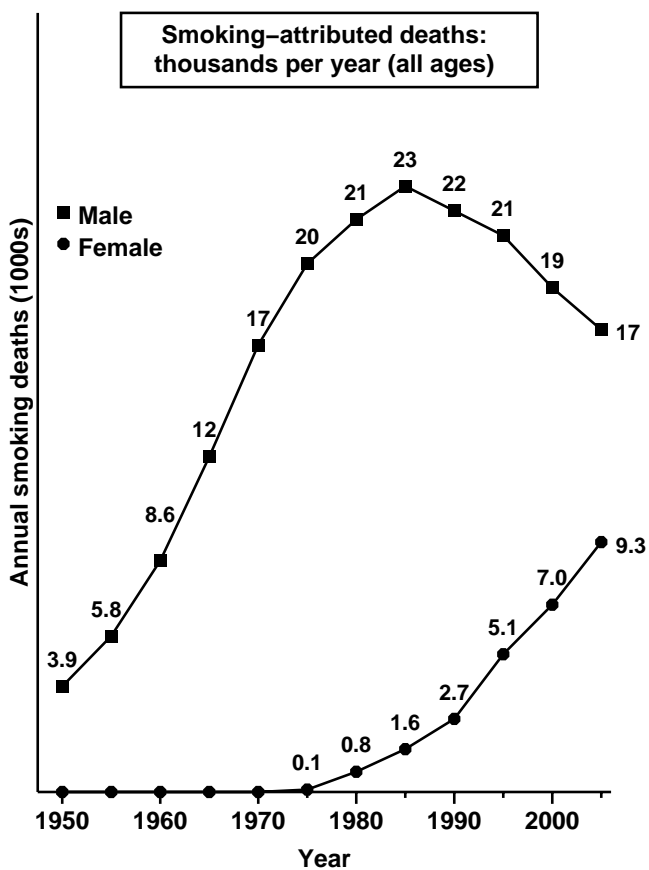
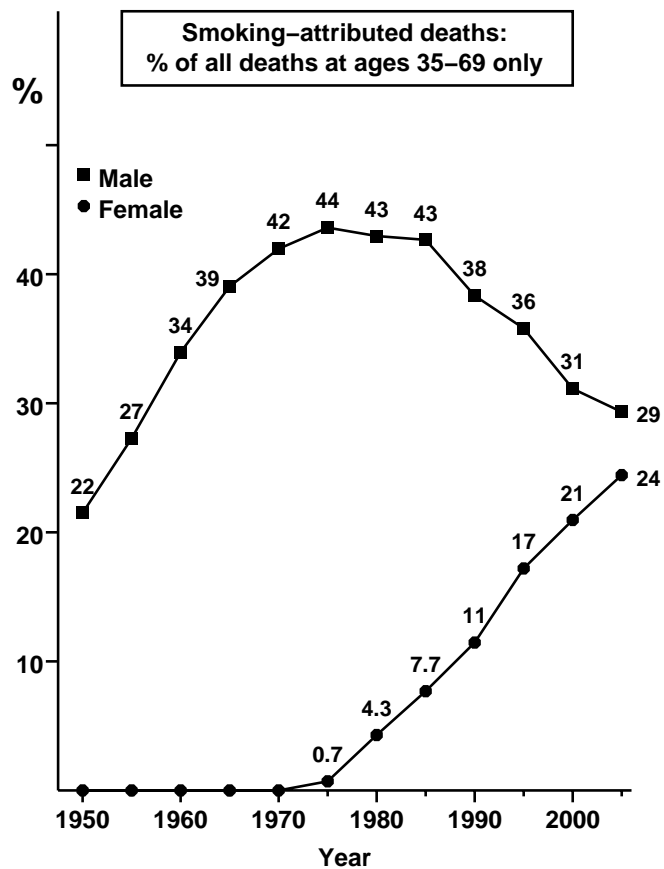
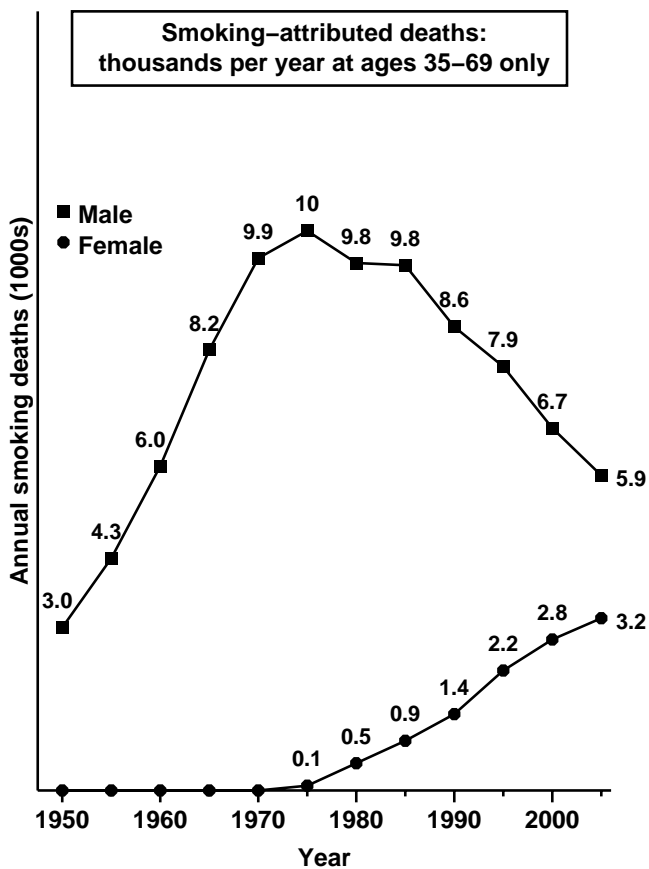
50-year total* (thousands), mid-1950 to mid-2000: **880 / 5515**

1950-2000 by age & sex:

| | | | | | | | |
|-------|--------------------------|--------------------------|----------|-------|-----------------------|------------------------|---------|
| -/199 | 406/1056 (38%) | 406/1698 (24%) | 812/2954 | -/123 | 32/621 (5%) | 36/1817 (2%) | 68/2562 |
|-------|--------------------------|--------------------------|----------|-------|-----------------------|------------------------|---------|

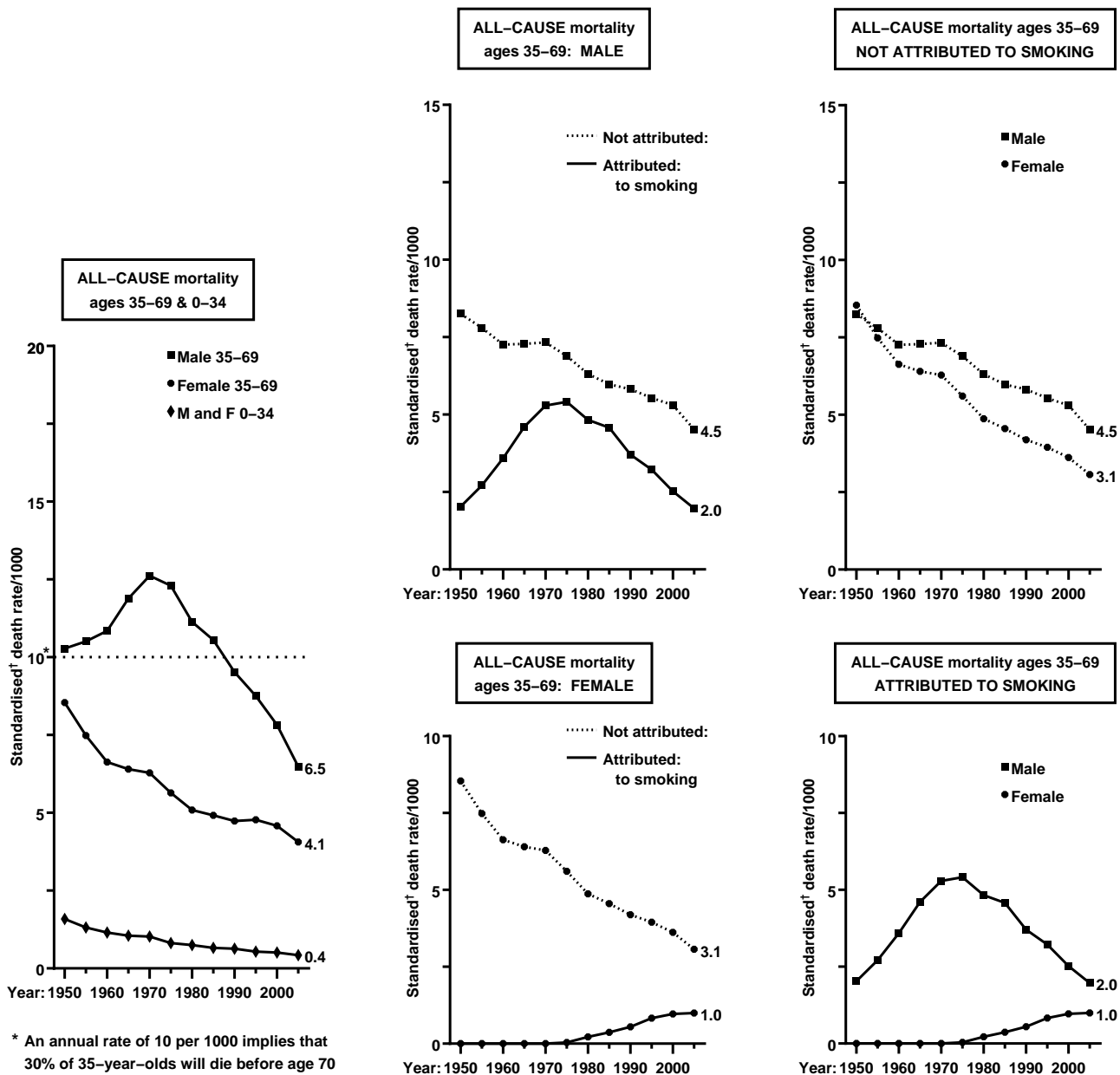
*Estimated as 10 times the sum of the annual numbers for 1955, 1965, 1975, 1985 & 1995

1950-2005: NETHERLANDS



NETHERLANDS: 1950-2005

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

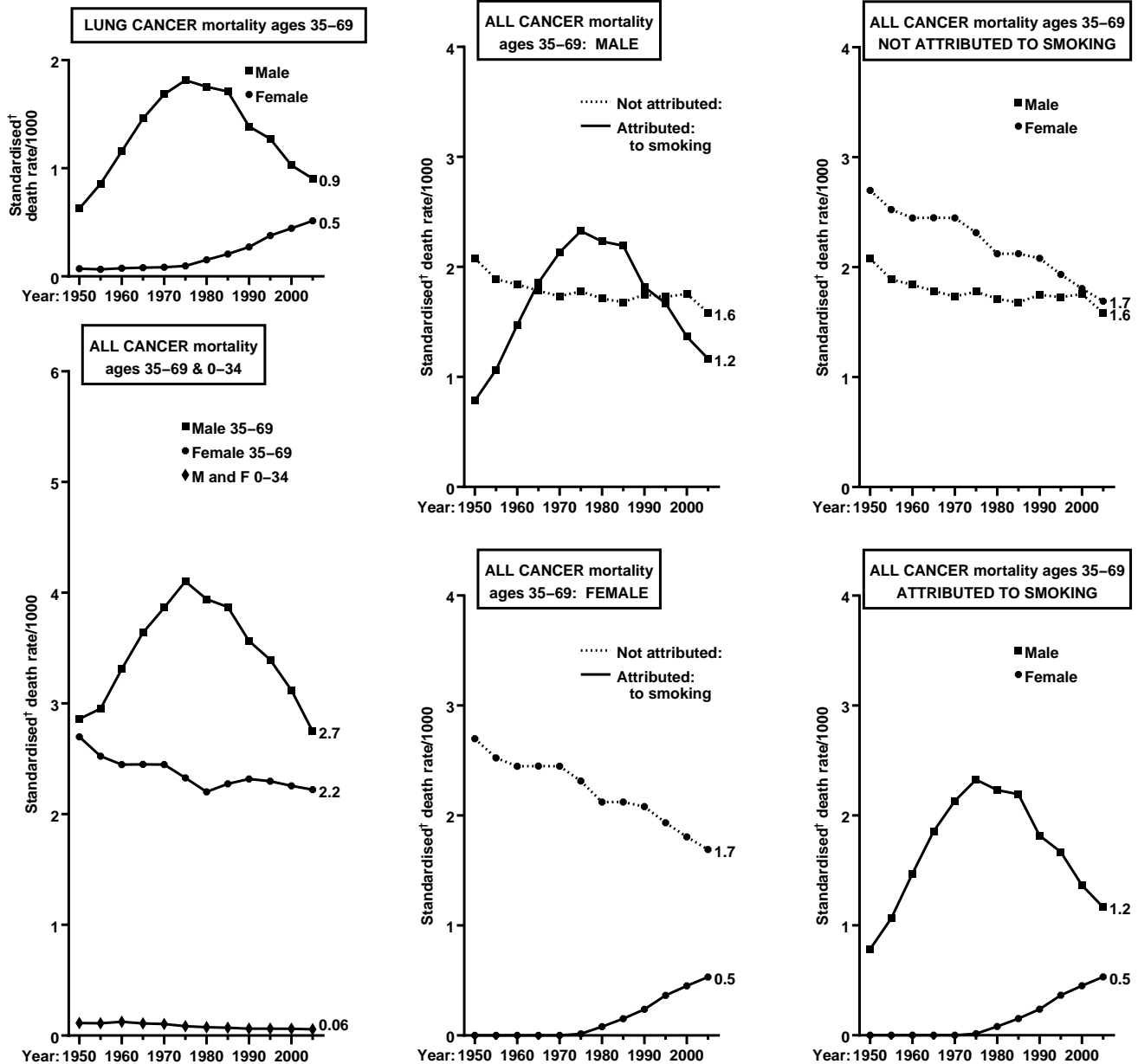
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

| 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 | | 0-34 | | 35-69 | | 70-79 | | | |
| | | | Yes | No | Yes | No | Yes | No | | | Yes | No | Yes | No | | |
| 1950 | - | 1.83 | 2.03 | 8.25 | 3.55 | 59.4 | - | 1.34 | 0.00 | 8.54 | 0.00 | 59.9 | | | | |
| 1955 | - | 1.54 | 2.71 | 7.80 | 4.94 | 58.7 | - | 1.08 | 0.00 | 7.48 | 0.00 | 55.1 | | | | |
| 1960 | - | 1.38 | 3.59 | 7.26 | 7.62 | 52.9 | - | 0.91 | 0.00 | 6.63 | 0.00 | 50.9 | | | | |
| 1965 | - | 1.28 | 4.60 | 7.28 | 11.2 | 52.5 | - | 0.82 | 0.00 | 6.40 | 0.00 | 47.5 | | | | |
| 1970 | - | 1.26 | 5.29 | 7.33 | 16.5 | 50.9 | - | 0.78 | 0.00 | 6.28 | 0.00 | 44.5 | | | | |
| 1975 | - | 1.00 | 5.41 | 6.89 | 20.0 | 46.8 | - | 0.62 | 0.04 | 5.60 | 0.00 | 40.7 | | | | |
| 1980 | - | 0.93 | 4.82 | 6.31 | 23.2 | 42.7 | - | 0.56 | 0.22 | 4.87 | 0.23 | 33.8 | | | | |
| 1985 | - | 0.81 | 4.57 | 5.98 | 23.1 | 41.9 | - | 0.51 | 0.36 | 4.55 | 0.70 | 31.2 | | | | |
| 1990 | - | 0.77 | 3.70 | 5.81 | 21.6 | 39.8 | - | 0.49 | 0.54 | 4.19 | 1.21 | 28.6 | | | | |
| 1995 | - | 0.66 | 3.22 | 5.53 | 18.9 | 39.5 | - | 0.41 | 0.83 | 3.95 | 2.14 | 26.9 | | | | |
| 2000 | - | 0.62 | 2.52 | 5.30 | 16.0 | 37.4 | - | 0.40 | 0.96 | 3.62 | 3.05 | 25.2 | | | | |
| 2005 | - | 0.49 | 1.97 | 4.51 | 13.4 | 32.8 | - | 0.35 | 0.99 | 3.07 | 4.04 | 21.4 | | | | |

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

1950-2005: NETHERLANDS

ALL CANCER mortality rates attributed and not attributed to smoking



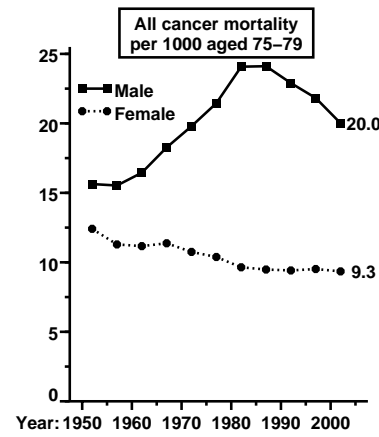
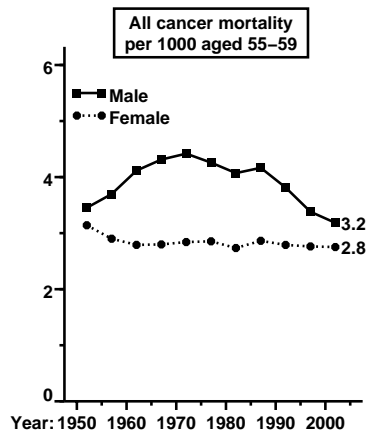
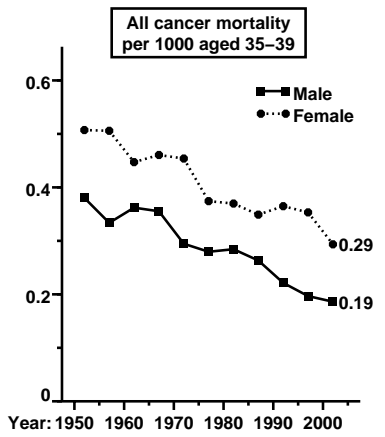
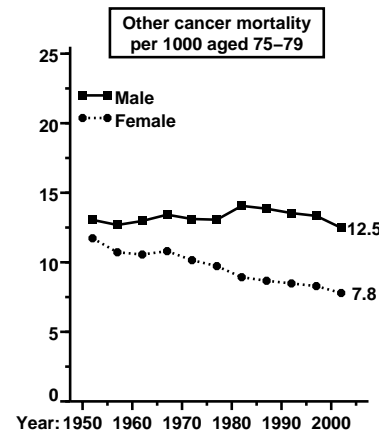
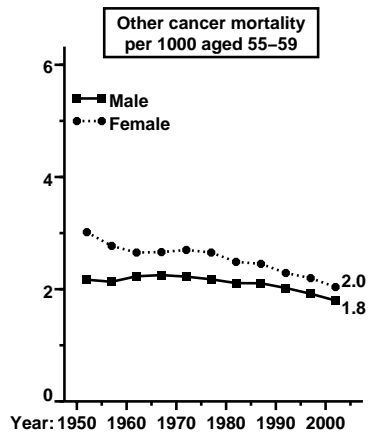
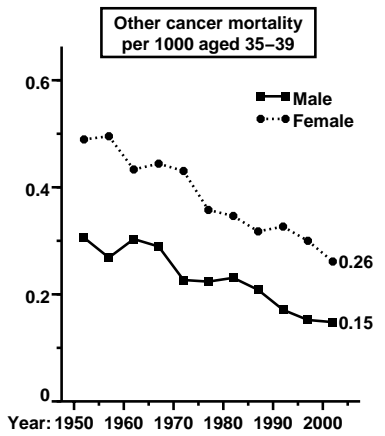
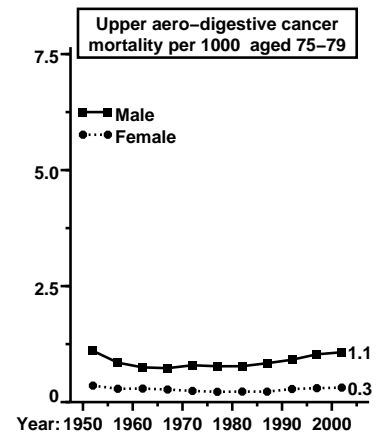
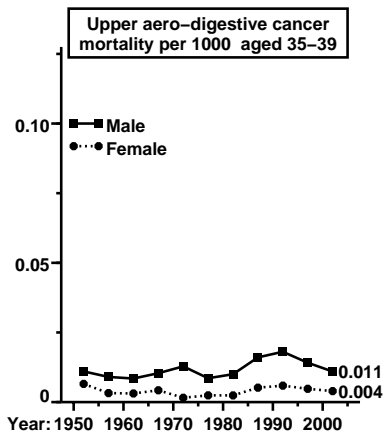
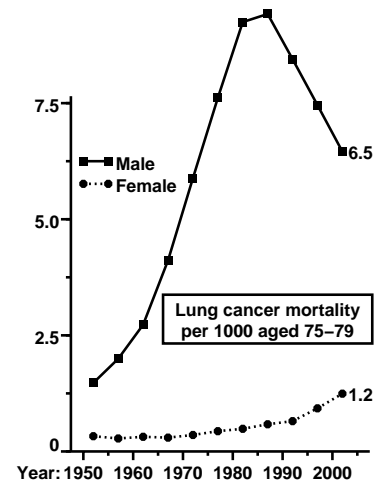
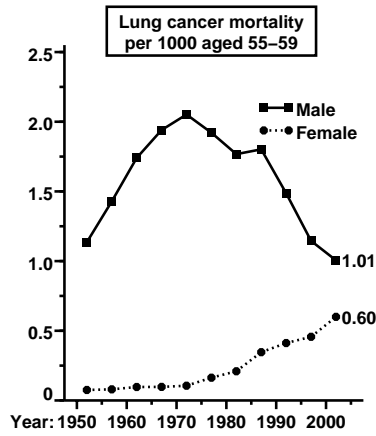
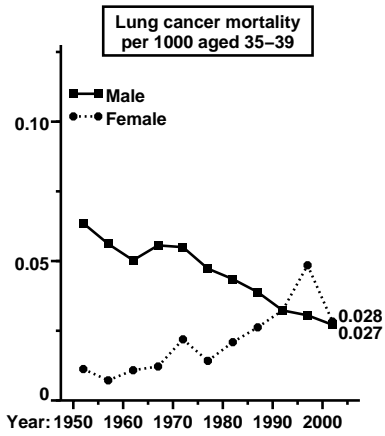
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

| Year | MALE cancer mortality (annual rate/1000, by age) | | | | | | | | FEMALE cancer mortality (annual rate/1000, by age) | | | | | |
|------|--|------|-------|------|-------|------|------|------|--|------|-------|------|--|--|
| | 0-34 | | 35-69 | | 70-79 | | 0-34 | | 35-69 | | 70-79 | | | |
| | Attributed to smoking? | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No | | | |
| 1950 | - | 0.12 | 0.78 | 2.08 | 1.46 | 12.1 | - | 0.11 | 0.00 | 2.70 | 0.00 | 11.0 | | |
| 1955 | - | 0.12 | 1.06 | 1.89 | 2.03 | 11.4 | - | 0.10 | 0.00 | 2.52 | 0.00 | 10.0 | | |
| 1960 | - | 0.14 | 1.47 | 1.84 | 3.19 | 10.6 | - | 0.11 | 0.00 | 2.45 | 0.00 | 9.54 | | |
| 1965 | - | 0.11 | 1.86 | 1.78 | 4.78 | 10.7 | - | 0.11 | 0.00 | 2.45 | 0.00 | 9.65 | | |
| 1970 | - | 0.11 | 2.13 | 1.73 | 6.91 | 9.82 | - | 0.10 | 0.00 | 2.45 | 0.00 | 9.12 | | |
| 1975 | - | 0.09 | 2.33 | 1.78 | 8.69 | 9.83 | - | 0.08 | 0.01 | 2.31 | 0.00 | 9.27 | | |
| 1980 | - | 0.08 | 2.23 | 1.71 | 11.1 | 9.74 | - | 0.07 | 0.08 | 2.12 | 0.07 | 8.25 | | |
| 1985 | - | 0.08 | 2.19 | 1.68 | 10.9 | 9.38 | - | 0.06 | 0.15 | 2.12 | 0.22 | 8.08 | | |
| 1990 | - | 0.06 | 1.82 | 1.75 | 10.2 | 9.73 | - | 0.06 | 0.24 | 2.08 | 0.38 | 7.76 | | |
| 1995 | - | 0.06 | 1.67 | 1.73 | 9.01 | 9.65 | - | 0.06 | 0.36 | 1.93 | 0.71 | 7.28 | | |
| 2000 | - | 0.06 | 1.36 | 1.75 | 7.81 | 9.65 | - | 0.06 | 0.45 | 1.80 | 1.05 | 7.21 | | |
| 2005 | - | 0.06 | 1.16 | 1.58 | 7.16 | 9.53 | - | 0.06 | 0.53 | 1.69 | 1.58 | 6.70 | | |

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

NETHERLANDS: 1950-2005

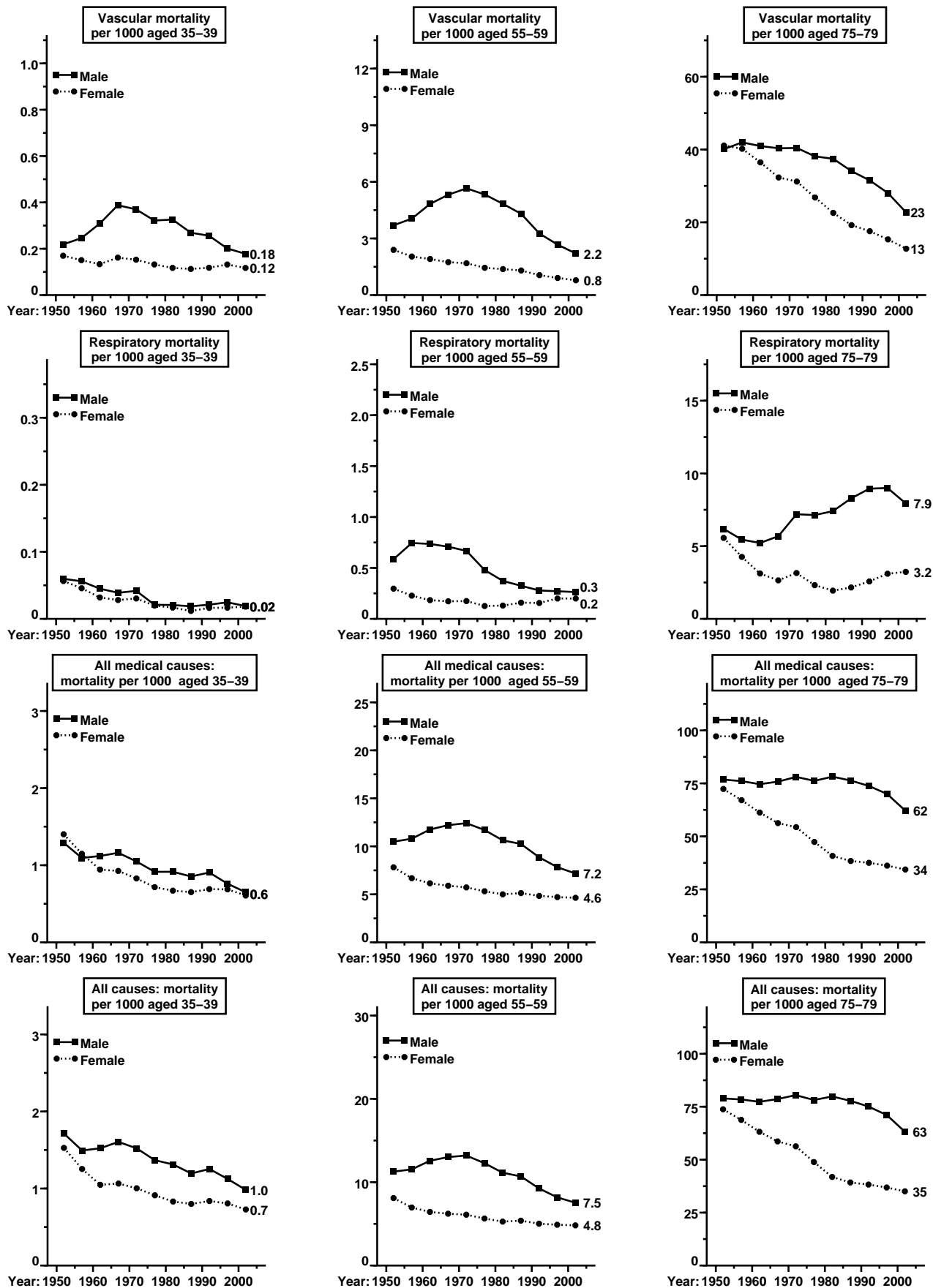
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* Annual mortality per 1000: averages of years available in 1950-54,.....,2000-04; year 2005 on pages 338-339

1950-2005: NETHERLANDS

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



* Annual mortality per 1000: averages of years available in 1950-54,.....,2000-04; year 2005 on pages 338-339