

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

(2nd edition, revised June 2006:
www.deathsfromsmoking.net)

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EU25

(European Union – 25 countries*)

Raw data (pages 38–39, 40–41)

Analyses (pages 42–43, 44–45, 46–47)

Appendix (pages 48–49)

*Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, UK

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| EU25 (European Union - 25 countries*): 2000 |
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| | | 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 | 2214295 | 85395 | 779132 | 896.5 | 80.8 | 928.9 | 136.8 | 15.7 | 18.7 | 65.7 | 101.1 | 105.6 | 122.3 |
| | F | 2237793 | 38648 | 397217 | 542.2 | 39.8 | 438.0 | 111.0 | 11.4 | 12.9 | 27.9 | 31.8 | 34.5 | 49.1 |
| Tuberculosis | M | 4433 | 124 | 2187 | 1.8 | 0.1 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 |
| | F | 2256 | 64 | 557 | 0.6 | 0.1 | 0.6 | 0.0 | 0.0 | - | 0.0 | 0.1 | 0.2 | 0.1 |
| HIV | M | 4798 | 1203 | 3498 | 2.0 | 1.0 | 3.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.5 | 1.9 | 4.5 |
| | F | 1167 | 424 | 715 | 0.5 | 0.4 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.7 | 1.5 |
| Other infective and parasitic | M | 17145 | 1118 | 6070 | 7.0 | 1.1 | 7.1 | 4.2 | 0.3 | 0.4 | 0.6 | 0.6 | 0.8 | 1.2 |
| | F | 19138 | 840 | 3712 | 4.9 | 0.9 | 4.1 | 3.6 | 0.4 | 0.4 | 0.6 | 0.5 | 0.4 | 0.6 |
| ALL CANCER | M | 625672 | 6596 | 276498 | 252.6 | 6.1 | 338.3 | 3.4 | 3.6 | 3.2 | 5.5 | 6.2 | 8.3 | 12.2 |
| | F | 492963 | 5728 | 180930 | 141.9 | 5.3 | 198.5 | 2.8 | 2.7 | 2.8 | 3.4 | 4.5 | 7.1 | 14.0 |
| Mouth and pharynx cancer | M | 19323 | 120 | 14023 | 8.3 | 0.1 | 16.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 |
| | F | 5400 | 57 | 2558 | 1.7 | 0.1 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| Oesophagus cancer | M | 19642 | 43 | 11450 | 8.1 | 0.0 | 13.7 | - | - | - | - | 0.0 | 0.1 | 0.2 |
| | F | 6634 | 16 | 2086 | 1.8 | 0.0 | 2.3 | - | - | - | - | 0.0 | 0.0 | 0.1 |
| Stomach cancer | M | 38320 | 206 | 15872 | 15.4 | 0.2 | 19.5 | - | - | - | 0.0 | 0.1 | 0.3 | 0.8 |
| | F | 27163 | 180 | 7486 | 7.2 | 0.2 | 8.3 | - | - | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 |
| Colorectal cancer | M | 68265 | 237 | 26660 | 27.3 | 0.2 | 33.3 | 0.0 | - | - | 0.1 | 0.2 | 0.4 | 0.8 |
| | F | 64824 | 227 | 17481 | 17.0 | 0.2 | 19.6 | - | - | 0.0 | 0.1 | 0.2 | 0.3 | 0.8 |
| Liver cancer | M | 19034 | 110 | 8962 | 7.6 | 0.1 | 11.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 |
| | F | 8897 | 53 | 2618 | 2.4 | 0.1 | 3.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| Pancreas cancer | M | 27965 | 91 | 13723 | 11.4 | 0.1 | 16.8 | - | - | - | 0.0 | 0.0 | 0.1 | 0.4 |
| | F | 28431 | 41 | 8729 | 7.7 | 0.0 | 9.9 | - | - | 0.0 | - | 0.0 | 0.0 | 0.1 |
| Larynx cancer | M | 11593 | 14 | 7112 | 4.8 | 0.0 | 8.4 | - | - | 0.0 | - | 0.0 | 0.0 | 0.1 |
| | F | 1191 | 2 | 575 | 0.4 | 0.0 | 0.6 | - | - | - | - | - | - | 0.0 |
| Lung cancer | M | 170912 | 228 | 87305 | 69.2 | 0.2 | 107.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.9 |
| | F | 53102 | 146 | 23758 | 16.3 | 0.1 | 26.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.5 |
| Malignant melanoma | M | 6059 | 271 | 3477 | 2.5 | 0.2 | 4.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.5 | 0.8 |
| | F | 5399 | 188 | 2538 | 1.7 | 0.2 | 2.7 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.5 |
| Female breast cancer | F | 85253 | 753 | 41911 | 27.0 | 0.6 | 44.8 | - | 0.0 | 0.0 | - | 0.1 | 0.7 | 3.6 |
| Cervix cancer | F | 9757 | 299 | 5880 | 3.4 | 0.3 | 6.0 | - | - | - | - | 0.1 | 0.5 | 1.2 |
| Other uterine cancer | F | 15491 | 48 | 5545 | 4.4 | 0.0 | 6.2 | - | - | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| Ovarian cancer | F | 27437 | 231 | 13021 | 8.6 | 0.2 | 14.3 | - | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.7 |
| Prostate cancer | M | 63056 | 9 | 11142 | 24.6 | 0.0 | 14.8 | - | 0.0 | - | 0.0 | 0.0 | - | 0.0 |
| Bladder cancer | M | 25285 | 25 | 7424 | 10.0 | 0.0 | 9.5 | 0.0 | 0.0 | - | - | 0.0 | 0.0 | 0.1 |
| | F | 9413 | 14 | 1685 | 2.3 | 0.0 | 1.9 | - | 0.0 | - | 0.0 | - | - | 0.1 |
| Other and ill-defined cancer sites | M | 111443 | 3124 | 51117 | 45.3 | 2.9 | 61.5 | 2.0 | 2.2 | 1.6 | 2.7 | 3.0 | 3.9 | 4.9 |
| | F | 103465 | 2038 | 32488 | 28.7 | 2.0 | 36.0 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 2.2 | 3.2 |
| Hodgkin's disease | M | 1627 | 229 | 853 | 0.7 | 0.2 | 0.9 | - | 0.0 | 0.0 | 0.2 | 0.3 | 0.4 | 0.4 |
| | F | 1329 | 201 | 518 | 0.4 | 0.2 | 0.5 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.4 | 0.3 |
| Myeloma and non-Hodgkin lymphomas | M | 24066 | 547 | 10347 | 9.7 | 0.5 | 12.6 | 0.2 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 1.0 |
| | F | 23494 | 321 | 7305 | 6.5 | 0.3 | 8.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 0.6 |
| Leukaemia | M | 19082 | 1342 | 7031 | 7.7 | 1.3 | 8.5 | 1.0 | 1.1 | 1.2 | 1.8 | 1.3 | 1.2 | 1.4 |
| | F | 16283 | 913 | 4748 | 4.6 | 0.9 | 5.2 | 0.9 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 1.2 |
| Diabetes | M | 36717 | 255 | 11703 | 14.6 | 0.2 | 14.5 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.8 |
| | F | 54317 | 167 | 7921 | 12.5 | 0.1 | 9.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.5 |
| ALL VASCULAR DISEASE | M | 845516 | 4884 | 243631 | 337.1 | 4.4 | 299.0 | 2.8 | 0.7 | 1.1 | 2.5 | 4.5 | 6.9 | 12.0 |
| | F | 1027530 | 2528 | 101287 | 223.5 | 2.4 | 115.2 | 2.6 | 0.4 | 0.9 | 1.4 | 2.1 | 3.6 | 5.6 |
| Rheumatic heart disease and fever | M | 4114 | 74 | 1683 | 1.7 | 0.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 |
| | F | 8667 | 48 | 2094 | 2.2 | 0.0 | 2.4 | 0.0 | - | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| Hypertensive disease | M | 27723 | 71 | 7752 | 11.1 | 0.1 | 9.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 |
| | F | 50472 | 34 | 4667 | 10.9 | 0.0 | 5.3 | 0.0 | - | 0.0 | - | 0.0 | 0.0 | 0.1 |
| Ischaemic heart disease | M | 377585 | 1020 | 129500 | 151.0 | 0.9 | 158.7 | 0.1 | - | 0.0 | 0.2 | 0.6 | 1.5 | 3.7 |
| | F | 346532 | 237 | 39517 | 76.8 | 0.2 | 45.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.8 |
| Pulmonary embolism and other venous | M | 17584 | 230 | 6365 | 7.0 | 0.2 | 7.7 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.7 |
| | F | 27084 | 290 | 5093 | 6.6 | 0.3 | 5.6 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 | 0.4 | 0.7 |
| Cerebrovascular disease | M | 190156 | 1006 | 42760 | 75.2 | 0.9 | 53.1 | 0.5 | 0.2 | 0.4 | 0.4 | 1.0 | 1.4 | 2.3 |
| | F | 287472 | 759 | 27126 | 62.3 | 0.7 | 30.6 | 0.4 | 0.1 | 0.3 | 0.3 | 0.6 | 1.2 | 2.0 |
| Other vascular disease | M | 228354 | 2483 | 55571 | 91.1 | 2.3 | 67.8 | 2.1 | 0.4 | 0.7 | 1.7 | 2.6 | 3.4 | 4.9 |
| | F | 307303 | 1160 | 22790 | 64.7 | 1.1 | 25.8 | 2.1 | 0.3 | 0.5 | 0.8 | 1.0 | 1.4 | 2.0 |
| Chronic obstructive pulmonary disease | M | 89551 | 344 | 19118 | 35.1 | 0.3 | 24.7 | 0.3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.3 | 0.6 |
| | F | 54744 | 236 | 9115 | 13.0 | 0.2 | 10.4 | 0.1 | 0.1 | 0.2 | 0.3 | 0.2 | 0.3 | 0.4 |
| Other respiratory disease | M | 105739 | 1613 | 18514 | 42.1 | 1.6 | 22.7 | 4.0 | 0.4 | 0.4 | 0.9 | 1.4 | 1.7 | 2.3 |
| | F | 124405 | 922 | 9199 | 26.3 | 1.0 | 10.3 | 2.7 | 0.4 | 0.4 | 0.6 | 0.7 | 0.8 | 1.1 |
| Peptic ulcer | M | 8935 | 63 | 3134 | 3.6 | 0.1 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| | F | 9405 | 36 | 1318 | 2.2 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Liver cirrhosis | M | 49505 | 836 | 36867 | 21.1 | 0.7 | 41.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.9 | 3.7 |
| | F | 24275 | 366 | 14429 | 8.3 | 0.3 | 15.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 1.5 |
| Renal disease | M | 20926 | 192 | 4675 | 8.3 | 0.2 | 5.8 | 0.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 0.3 |
| | F | 23345 | 196 | 3293 | 5.4 | 0.2 | 3.7 | 0.3 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 |
| Pregnancy, birth | F | 272 | 187 | 85 | 0.1 | 0.2 | 0.1 | - | - | - | 0.1 | 0.2 | 0.4 | 0.5 |
| Congenital and perinatal causes | M | 13410 | 11843 | 1114 | 8.2 | 13.6 | 1.2 | 89.0 | 1.2 | 1.0 | 1.1 | 1.0 | 1.1 | 0.9 |
| | F | 11082 | 9402 | 1062 | 6.9 | 11.4 | 1.1 | 74.0 | 1.1 | 1.0 | 1.1 | 0.8 | 0.6 | 0.9 |
| Ill-defined causes | M | 70021 | 5582 | 26499 | 29.2 | 5.4 | 29.6 | 12.6 | 0.6 | 0.6 | 2.7 | 5.5 | 6.9 | 8.5 |
| | F | 87017 | 2332 | 9392 | 19.6 | 2.5 | 10.1 | 9.3 | 0.4 | 0.4 | 1.1 | 1.8 | 1.8 | 2.5 |
| Other medical causes | M | 167463 | 7969 | 50807 | 67.8 | 7.5 | 58.6 | 10.2 | 2.8 | 2.9 | 5.3 | 7.9 | 10.0 | 13.2 |
| | F | 224880 | 4330 | 30822 | 52.2 | 4.4 | 33.8 | 8.3 | 2.5 | 2.5 | 3.4 | 4.0 | 4.2 | 5.7 |
| ALL NON-MEDICAL CAUSES | M | 154464 | 42773 | 74817 | 65.9 | 38.7 | 77.0 | 9.8 | 6.0 | 8.8 | 46.4 | 72.7 | 65.8 | 61.4 |
| | F | 80997 | 10890 | 23380 | 24.4 | 10.5 | 23.8 | 7.2 | 3.2 | 4.3 | 15.6 | 16.3 | 13.2 | 13.7 |
| Road traffic accidents | M | 38906 | 18093 | 15975 | 16.9 | 16.5 | 16.2 | 2.1 | 2.5 | 4.0 | 25.7 | 35.6 | 26.2 | 19.3 |
| | F | 12879 | 4787 | 4899 | 5.0 | 4.6 | 4.9 | 1.6 | 1.5 | 2.3 | 8.9 | 8.6 | 5.4 | 4.2 |
| Fire | M | 2523 | 498 | 1402 | 1.1 | 0.5 | 1.5 | 0.6 | 0.4 | 0.2 | 0.3 | 0.5 | 0.5 | 0.8 |
| | F | 1417 | 198 | 503 | 0.5 | 0.2 | 0.5 | 0.5 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 |
| Suicide | M | 44091 | 10474 | 25787 | 18.8 | 9.2 | 26.2 | - | 0.0 | 1.2 | 8.6 | 16.7 | 18.1 | 19.9 |
| | F | 14270 | 2382 | 8262 | 5. | | | | | | | | | |

2000: EU25 (European Union - 25 countries)

| Annual death rates / 100,000 (zero denoted by -) | | | | | | | | | | 9th ICD/10th ICD categories | | |
|---|-------|-------|-------|-------|--------|--------|--------|--------|---------|-----------------------------|--|---|
| 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80+/NK | | | |
| 171.7 | 280.6 | 443.9 | 653.3 | 978.6 | 1535.1 | 2439.1 | 3807.2 | 6073.5 | 13919.0 | M | ALL CAUSES | 001-999/A00-Y89 |
| 78.8 | 132.3 | 213.7 | 313.6 | 460.6 | 707.0 | 1160.2 | 1986.1 | 3567.5 | 11480.2 | F | | |
| 0.9 | 1.5 | 2.0 | 2.4 | 2.6 | 3.4 | 4.2 | 6.8 | 11.3 | 18.5 | M | Tuberculosis | 010-018, 137/ A15-A19, B90 |
| 0.2 | 0.3 | 0.5 | 0.4 | 0.5 | 0.9 | 1.4 | 2.8 | 4.9 | 8.0 | F | | |
| 7.1 | 5.5 | 3.3 | 2.1 | 1.8 | 1.5 | 1.2 | 0.7 | 0.4 | 0.3 | M | HIV | 279.5, 279.6/B20-B24 |
| 1.8 | 1.1 | 0.6 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | F | | |
| 2.0 | 2.5 | 3.7 | 5.1 | 7.0 | 11.3 | 18.4 | 29.4 | 45.4 | 99.7 | M | Other infective and parasitic | Rest of 001-139/rest of A00-B99 excl A33,A34 |
| 1.0 | 1.3 | 1.7 | 2.4 | 4.0 | 6.8 | 11.6 | 19.1 | 32.1 | 87.0 | F | | |
| 23.1 | 56.5 | 124.8 | 229.2 | 382.3 | 612.2 | 939.8 | 1324.5 | 1792.7 | 2626.6 | M | ALL CANCER | 140-208/C00-C97 |
| 29.1 | 59.3 | 103.4 | 162.0 | 237.7 | 332.5 | 465.1 | 644.1 | 877.7 | 1403.7 | F | | |
| 1.2 | 5.0 | 12.2 | 18.6 | 23.0 | 25.2 | 26.7 | 25.9 | 26.2 | 30.8 | M | Mouth and pharynx cancer | 140-149/C00-C14 |
| 0.3 | 1.1 | 2.1 | 2.9 | 3.8 | 4.2 | 4.8 | 5.5 | 7.1 | 13.9 | F | | |
| 0.7 | 2.5 | 6.5 | 12.2 | 18.6 | 24.5 | 30.6 | 36.8 | 43.4 | 52.7 | M | Oesophagus cancer | 150/C15 |
| 0.1 | 0.4 | 1.0 | 1.8 | 3.0 | 4.3 | 5.7 | 8.6 | 12.1 | 22.6 | F | | |
| 1.5 | 3.6 | 6.8 | 12.2 | 20.2 | 35.4 | 56.8 | 84.0 | 116.4 | 173.9 | M | Stomach cancer | 151/C16 |
| 1.5 | 2.6 | 3.8 | 5.6 | 8.2 | 13.5 | 22.8 | 35.0 | 51.3 | 99.4 | F | | |
| 1.7 | 4.1 | 9.0 | 18.5 | 35.5 | 62.0 | 102.2 | 149.1 | 216.4 | 335.6 | M | Colorectal cancer | 153, 154/C18-C21 |
| 1.7 | 3.8 | 7.4 | 13.1 | 22.5 | 35.0 | 53.6 | 81.3 | 125.2 | 242.5 | F | | |
| 0.5 | 1.3 | 3.0 | 6.4 | 11.3 | 21.2 | 34.7 | 46.7 | 57.0 | 56.8 | M | Liver cancer | 155.0/C22 excl C221 |
| 0.3 | 0.5 | 1.1 | 1.6 | 3.0 | 5.1 | 9.2 | 14.9 | 19.5 | 25.3 | F | | |
| 0.9 | 2.7 | 5.8 | 11.4 | 21.0 | 31.5 | 44.1 | 59.6 | 76.1 | 97.9 | M | Pancreas cancer | 157/C25 |
| 0.5 | 1.2 | 3.3 | 6.2 | 11.5 | 18.8 | 27.6 | 41.6 | 60.2 | 86.5 | F | | |
| 0.4 | 1.7 | 4.5 | 8.0 | 11.1 | 14.4 | 18.9 | 20.9 | 24.0 | 27.5 | M | Larynx cancer | 161/C32 |
| 0.0 | 0.2 | 0.4 | 0.7 | 0.9 | 0.9 | 1.2 | 1.7 | 1.7 | 2.5 | F | | |
| 3.5 | 13.6 | 35.8 | 71.3 | 125.3 | 200.1 | 304.2 | 402.9 | 468.8 | 464.4 | M | Lung cancer | 162/C33, C34 |
| 2.0 | 6.8 | 13.8 | 21.9 | 33.1 | 43.7 | 61.9 | 83.0 | 96.5 | 100.7 | F | | |
| 1.2 | 1.7 | 2.6 | 3.6 | 4.8 | 5.9 | 7.9 | 10.2 | 11.3 | 16.5 | M | Malignant melanoma | 172/C43 |
| 0.9 | 1.6 | 1.9 | 2.7 | 3.1 | 3.7 | 4.8 | 6.1 | 7.5 | 12.0 | F | | |
| 9.1 | 18.1 | 30.6 | 46.2 | 59.9 | 70.6 | 79.4 | 94.8 | 119.4 | 192.2 | F | Female breast cancer | 174/C50 |
| 2.9 | 5.0 | 6.3 | 6.2 | 6.1 | 7.2 | 8.3 | 9.7 | 11.2 | 13.3 | F | Cervix cancer | 180/C53 |
| 0.6 | 1.3 | 2.4 | 4.3 | 7.1 | 11.1 | 16.6 | 22.6 | 29.3 | 42.7 | F | Other uterine cancer | 179, 182/C54, C55 |
| 1.4 | 3.6 | 7.3 | 12.5 | 18.8 | 25.3 | 31.2 | 37.6 | 44.8 | 53.5 | F | Ovarian cancer | 183/C56, C570-C574 |
| 0.1 | 0.2 | 0.9 | 3.3 | 9.9 | 28.1 | 61.0 | 119.7 | 237.2 | 576.1 | M | Prostate cancer | 185/C61 |
| 0.2 | 0.7 | 1.9 | 4.4 | 8.5 | 17.7 | 33.1 | 57.0 | 89.0 | 162.2 | M | Bladder cancer | 188/C67 |
| 0.1 | 0.3 | 0.7 | 1.0 | 1.8 | 3.7 | 5.9 | 11.1 | 18.3 | 43.9 | F | | |
| 7.3 | 13.9 | 27.3 | 45.5 | 69.5 | 107.5 | 159.3 | 221.4 | 296.9 | 441.1 | M | Other and ill-defined cancer sites | Rest of 140-199/ rest of C00-C80, C97 |
| 5.1 | 9.3 | 15.5 | 26.3 | 40.3 | 61.4 | 94.1 | 134.2 | 192.6 | 331.1 | F | | |
| 0.5 | 0.6 | 0.7 | 0.7 | 1.0 | 1.4 | 1.8 | 2.2 | 3.2 | 3.6 | M | Hodgkin's disease | 201/C81 |
| 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.8 | 1.2 | 1.5 | 2.0 | 2.3 | F | | |
| 1.8 | 2.6 | 4.5 | 8.0 | 13.9 | 22.7 | 34.4 | 50.7 | 72.2 | 97.4 | M | Myeloma and non- Hodgkin lymphomas | 200, 202-203/ C82-C90, C96 |
| 1.0 | 1.7 | 2.8 | 5.2 | 8.9 | 14.4 | 23.5 | 34.9 | 49.3 | 67.8 | F | Leukaemia | 204-208/C91-C95 |
| 1.7 | 2.3 | 3.3 | 5.0 | 8.7 | 14.5 | 24.0 | 37.6 | 54.5 | 90.2 | M | | |
| 1.1 | 1.8 | 2.6 | 3.5 | 5.3 | 8.9 | 13.3 | 19.9 | 29.8 | 51.7 | F | | |
| 1.4 | 2.7 | 4.7 | 8.2 | 14.2 | 24.9 | 45.4 | 73.4 | 119.0 | 240.2 | M | Diabetes | 250/E10-E14 |
| 0.8 | 1.1 | 1.9 | 3.7 | 7.5 | 15.5 | 33.4 | 59.6 | 107.2 | 272.0 | F | | |
| 25.6 | 59.6 | 113.5 | 187.7 | 301.3 | 513.1 | 892.2 | 1510.7 | 2580.7 | 6575.4 | M | ALL VASCULAR DISEASE | 390-459/I00-I99 |
| 10.4 | 20.4 | 36.2 | 58.4 | 96.9 | 191.8 | 392.3 | 813.3 | 1682.0 | 6220.8 | F | | |
| 0.2 | 0.5 | 0.8 | 1.3 | 2.2 | 3.5 | 5.9 | 8.6 | 12.2 | 19.1 | M | Rheumatic heart disease and fever | 390-398/I00-I09 |
| 0.2 | 0.3 | 0.6 | 1.1 | 2.4 | 4.4 | 7.8 | 12.0 | 19.0 | 31.4 | F | | |
| 0.5 | 1.6 | 3.4 | 5.8 | 10.1 | 16.7 | 28.9 | 46.0 | 83.0 | 230.1 | M | Hypertensive disease | 401-405/I10-I15 |
| 0.2 | 0.6 | 1.3 | 2.9 | 4.9 | 9.0 | 18.5 | 38.0 | 80.4 | 313.2 | F | | |
| 10.9 | 29.7 | 60.3 | 104.1 | 168.8 | 276.9 | 460.4 | 732.3 | 1148.8 | 2443.5 | M | Ischaemic heart disease | 410-414/I20-I25 |
| 2.3 | 5.7 | 11.6 | 19.5 | 36.9 | 78.9 | 163.2 | 323.5 | 627.1 | 1951.9 | F | | |
| 1.2 | 2.4 | 3.5 | 5.0 | 7.6 | 12.6 | 21.4 | 32.0 | 53.6 | 106.8 | M | Pulmonary embolism and other venous | 415.1, 451-453/ I26, I80-I82 |
| 1.0 | 1.6 | 2.7 | 3.6 | 5.5 | 9.2 | 16.0 | 28.4 | 50.3 | 127.3 | F | | |
| 4.5 | 9.6 | 18.3 | 29.2 | 48.3 | 89.3 | 172.7 | 327.2 | 629.8 | 1689.0 | M | Cerebrovascular disease | 430-438/I60-I69 |
| 3.6 | 6.8 | 11.5 | 17.6 | 25.7 | 48.0 | 100.8 | 222.7 | 487.5 | 1741.1 | F | | |
| 8.3 | 15.9 | 27.2 | 42.3 | 64.3 | 114.1 | 202.8 | 364.6 | 653.3 | 2086.9 | M | Other vascular disease | Rest of 390-459/ rest of I00-I99 |
| 3.1 | 5.4 | 8.5 | 13.7 | 21.5 | 42.3 | 86.1 | 188.7 | 417.6 | 2056.0 | F | | |
| 0.9 | 2.1 | 4.2 | 8.7 | 20.4 | 44.2 | 92.1 | 184.1 | 331.2 | 726.8 | M | Chronic obstructive pulmonary disease | 490-496/ J40-J47, J67 |
| 0.7 | 1.2 | 2.6 | 5.4 | 10.0 | 17.6 | 35.7 | 66.5 | 109.4 | 255.4 | F | | |
| 3.5 | 6.0 | 8.5 | 12.8 | 20.0 | 36.9 | 70.8 | 143.4 | 308.7 | 1140.1 | M | Other respiratory disease | Rest of 460-519/ rest of J00-J98 |
| 1.9 | 2.7 | 4.1 | 5.9 | 9.5 | 16.1 | 31.8 | 67.3 | 156.3 | 848.8 | F | | |
| 0.4 | 1.2 | 2.1 | 3.0 | 3.9 | 6.1 | 9.2 | 14.7 | 26.0 | 61.6 | M | Peptic ulcer | 531-533/K25-K27 |
| 0.2 | 0.4 | 0.6 | 1.0 | 1.3 | 2.3 | 4.5 | 8.4 | 16.9 | 51.0 | F | | |
| 9.7 | 21.5 | 33.6 | 40.9 | 51.9 | 63.1 | 68.2 | 65.1 | 62.7 | 56.5 | M | Liver cirrhosis | 571/K70, K74 |
| 3.9 | 7.4 | 12.2 | 15.7 | 19.5 | 23.0 | 25.2 | 28.8 | 32.2 | 30.1 | F | | |
| 0.6 | 1.2 | 2.1 | 3.3 | 5.4 | 9.5 | 18.1 | 33.9 | 64.5 | 194.2 | M | Renal disease | 580-590/N00-N19 |
| 0.4 | 0.7 | 1.2 | 1.9 | 3.2 | 6.2 | 12.4 | 21.3 | 40.2 | 126.3 | F | | |
| 0.4 | 0.1 | 0.0 | 0.0 | - | - | - | - | - | - | F | Pregnancy, birth | 630-676/A34,000-O99 |
| 0.9 | 0.9 | 1.1 | 1.3 | 1.5 | 1.3 | 1.2 | 1.5 | 2.6 | 3.5 | M | Congenital and perinatal causes | 740-779/A33, P00-P96, Q00-Q99 |
| 0.8 | 0.8 | 0.9 | 1.2 | 1.5 | 1.2 | 1.2 | 1.4 | 1.6 | 2.9 | F | | |
| 11.6 | 17.1 | 23.0 | 26.3 | 31.8 | 42.0 | 55.1 | 75.4 | 119.8 | 505.7 | M | Ill-defined causes | 780-799/R00-R99 |
| 3.2 | 4.7 | 7.1 | 8.0 | 10.2 | 14.6 | 22.7 | 39.5 | 79.2 | 585.0 | F | | |
| 18.0 | 26.9 | 36.5 | 45.2 | 59.7 | 86.9 | 137.1 | 235.5 | 452.1 | 1285.1 | M | Other medical causes | Rest of 001-799/ rest of A00-R99 |
| 7.8 | 11.8 | 17.8 | 24.5 | 34.3 | 51.5 | 88.5 | 164.0 | 342.1 | 1283.7 | F | | |
| 66.0 | 75.4 | 80.7 | 77.1 | 74.8 | 78.9 | 86.1 | 108.1 | 156.3 | 384.8 | M | ALL NON- MEDICAL CAUSES | E800-E999/V01-Y89 |
| 16.2 | 18.9 | 22.8 | 22.8 | 24.4 | 26.9 | 34.3 | 49.7 | 85.7 | 305.5 | F | | |
| 16.9 | 16.4 | 16.6 | 15.7 | 15.0 | 15.7 | 17.3 | 20.3 | 26.4 | 33.2 | M | Road traffic accidents | E810-E819, E826-E829/ part of V01-V99, Y850 |
| 4.0 | 4.3 | 4.5 | 4.5 | 4.7 | 5.4 | 7.2 | 8.7 | 10.8 | 11.2 | F | | |
| 1.0 | 1.4 | 1.6 | 1.5 | 1.5 | 1.6 | 1.6 | 2.0 | 3.0 | 5.9 | M | Fire | E890-E899/X00-X09 |
| 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 1.1 | 2.0 | 3.8 | F | | |
| 23.4 | 28.2 | 29.4 | 26.7 | 25.2 | 24.7 | 25.7 | 30.4 | 38.3 | 63.1 | M | Suicide | E950-E959/X60-X84 |
| 6.2 | 7.3 | 9.4 | 8.4 | 8.8 | 8.9 | 8.9 | 10.2 | 11.1 | 13.4 | F | | |
| 2.5 | 2.7 | 2.7 | 2.1 | 1.9 | 1.5 | 1.2 | 1.0 | 1.2 | 1.6 | M | Homicide | E960-E969/ X85-X99, Y00-Y09 |
| 1.2 | 1.2 | 0.9 | 1.0 | 0.7 | 0.7 | 0.6 | 0.7 | 1.1 | 1.1 | F | | |
| 17743 | 16639 | 15517 | 14703 | 12230 | 11460 | 9899 | 8256 | 5850 | 4886 | M | POPULATION | |
| 17494 | 16571 | 15667 | 14934 | 12731 | 12495 | 11568 | 10943 | 9528 | 10842 | F | (1000s; UN, 2004 revision) | |

| |
|---|
| EU25 (European Union - 25 countries): 1995, 2000 |
|---|

Male smoking-attributed deaths (Sm.) and total deaths (Total)

| | | ALL CAUSES | ALL CANCER | Lung cancer | Upper aero-digestive ca. (see below) | Other cancer | COPD | Other respiratory | Vascular disease | Liver cirrhosis | Other medical | Non-medical |
|-------------|-------|------------------|-----------------|-----------------|--------------------------------------|-----------------|----------------|-------------------|------------------|-----------------|-----------------|-------------|
| 1995 | | | | | | | | | | | | |
| 0-34 | Sm. | - | - | - | - | - | - | - | - | - | - | - |
| | Total | 110708 | 7610 | 330 | 203 | 7077 | 447 | 2158 | 6345 | 1294 | 41123 | 51731 |
| 35-69 | Sm. | 290359 | 139453 | 89030 | 23415 | 27008 | 18339 | 5306 | 90162 | - | 37099 | - |
| | Total | 863183 (34%) | 292651 (48%) | 95775 (93%) | 35176 (67%) | 161700 (17%) | 23475 (78%) | 17985 (30%) | 292581 (31%) | 39767 | 114647 (32%) | 82077 |
| 70+ | Sm. | 265710 | 108327 | 70535 | 9949 | 27843 | 54094 | 8273 | 74489 | - | 20527 | - |
| | Total | 1322558 (20%) | 316533 (34%) | 77697 (91%) | 16984 (59%) | 221852 (13%) | 74582 (73%) | 73717 (11%) | 627557 (12%) | 12508 | 181564 (11%) | 36097 |
| Any age | Sm. | 556069 | 247780 | 159565 | 33364 | 54851 | 72433 | 13579 | 164651 | - | 57626 | - |
| | Total | 2296449 (24%) | 616794 (40%) | 173802 (92%) | 52363 (64%) | 390629 (14%) | 98504 (74%) | 93860 (14%) | 926483 (18%) | 53569 | 337334 (17%) | 169905 |
| 2000 | | | | | | | | | | | | |
| 0-34 | Sm. | - | - | - | - | - | - | - | - | - | - | - |
| | Total | 85395 | 6596 | 228 | 177 | 6191 | 344 | 1613 | 4884 | 836 | 28349 | 42773 |
| 35-69 | Sm. | 244113 | 124417 | 80303 | 20751 | 23363 | 14416 | 4870 | 68451 | - | 31959 | - |
| | Total | 779132 (31%) | 276498 (45%) | 87305 (92%) | 32585 (64%) | 156608 (15%) | 19118 (75%) | 18514 (26%) | 243631 (28%) | 36867 | 109687 (29%) | 74817 |
| 70+ | Sm. | 262629 | 114291 | 75257 | 10199 | 28835 | 50208 | 9041 | 67038 | - | 22051 | - |
| | Total | 1349768 (19%) | 342578 (33%) | 83379 (90%) | 17796 (57%) | 241403 (12%) | 70089 (72%) | 85612 (11%) | 597001 (11%) | 11802 | 205812 (11%) | 36874 |
| Any age | Sm. | 506742 | 238708 | 155560 | 30950 | 52198 | 64624 | 13911 | 135489 | - | 54010 | - |
| | Total | 2214295 (23%) | 625672 (38%) | 170912 (91%) | 50558 (61%) | 404202 (13%) | 89551 (72%) | 105739 (13%) | 845516 (16%) | 49505 | 343848 (16%) | 154464 |

To be conservative, no deaths before age 35, and none from liver cirrhosis or non-medical causes, were attributed to smoking

Male death rates used for calculations: ICD codes as on previous page

| | All ages | 0-34 | 35-69 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80+/ <i>NK</i> |
|---|----------|--------|---------|-------|-------|-------|-------|--------|--------|--------|--------|--------|----------------|
| POPULATION (1000s; UN, 2004 revision) | | | | | | | | | | | | | |
| 1995 | 217790 | 107755 | 93240 | 16747 | 15745 | 15113 | 12742 | 12220 | 10975 | 9698 | 7575 | 4190 | 5031 |
| 2000 | 220612 | 103429 | 98191 | 17743 | 16639 | 15517 | 14703 | 12230 | 11460 | 9899 | 8256 | 5850 | 4886 |
| NUMBER OF DEATHS (Source: WHO) | | | | | | | | | | | | | |
| All causes | | | | | | | | | | | | | |
| 1995 | 2296449 | 110708 | 863183 | 38244 | 52611 | 72389 | 92408 | 138600 | 198069 | 270862 | 326697 | 278765 | 717096 |
| 2000 | 2214295 | 85395 | 779132 | 30456 | 46689 | 68880 | 96048 | 119687 | 175918 | 241454 | 314309 | 355313 | 680146 |
| Lung cancer | | | | | | | | | | | | | |
| 1995 | 173802 | 330 | 95775 | 864 | 2605 | 5827 | 9948 | 17230 | 25625 | 33676 | 32840 | 20485 | 24372 |
| 2000 | 170912 | 228 | 87305 | 617 | 2262 | 5562 | 10488 | 15326 | 22936 | 30114 | 33260 | 27428 | 22691 |
| ANNUAL DEATH RATE / 100,000 (*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution) | | | | | | | | | | | | | |
| All causes | | | | | | | | | | | | | |
| 1995 | 992.1* | 100.3* | 1071.2* | 228.4 | 334.1 | 479.0 | 725.2 | 1134.2 | 1804.7 | 2793.0 | 4313.1 | 6653.6 | 14253.7 |
| 2000 | 896.5* | 80.8* | 928.9* | 171.7 | 280.6 | 443.9 | 653.3 | 978.6 | 1535.1 | 2439.1 | 3807.2 | 6073.5 | 13919.0 |
| All cancer | | | | | | | | | | | | | |
| 1995 | 268.9* | 6.8* | 372.0* | 28.2 | 65.9 | 134.7 | 248.1 | 419.4 | 683.8 | 1023.8 | 1409.3 | 1844.4 | 2633.9 |
| 2000 | 252.6* | 6.1* | 338.3* | 23.1 | 56.5 | 124.8 | 229.2 | 382.3 | 612.2 | 939.8 | 1324.5 | 1792.7 | 2626.6 |
| Lung cancer | | | | | | | | | | | | | |
| 1995 | 76.3* | 0.3* | 122.9* | 5.2 | 16.5 | 38.6 | 78.1 | 141.0 | 233.5 | 347.3 | 433.6 | 488.9 | 484.4 |
| 2000 | 69.2* | 0.2* | 107.7* | 3.5 | 13.6 | 35.8 | 71.3 | 125.3 | 200.1 | 304.2 | 402.9 | 468.8 | 464.4 |
| Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx) | | | | | | | | | | | | | |
| 1995 | 23.6* | 0.2* | 42.9* | 3.0 | 11.8 | 25.5 | 43.0 | 57.7 | 74.9 | 84.7 | 92.2 | 100.3 | 115.2 |
| 2000 | 21.2* | 0.2* | 38.1* | 2.3 | 9.2 | 23.2 | 38.8 | 52.7 | 64.1 | 76.3 | 83.6 | 93.7 | 110.9 |
| Other cancer | | | | | | | | | | | | | |
| 1995 | 169.0* | 6.3* | 206.2* | 20.0 | 37.6 | 70.7 | 127.0 | 220.7 | 375.4 | 591.8 | 883.6 | 1255.2 | 2034.2 |
| 2000 | 162.1* | 5.7* | 192.5* | 17.3 | 33.7 | 65.8 | 119.0 | 204.3 | 347.9 | 559.3 | 838.1 | 1230.2 | 2051.4 |
| Chronic obstructive pulmonary disease (COPD) | | | | | | | | | | | | | |
| 1995 | 41.6* | 0.4* | 31.4* | 1.1 | 2.3 | 5.0 | 11.1 | 24.3 | 57.2 | 118.7 | 229.6 | 397.6 | 805.6 |
| 2000 | 35.1* | 0.3* | 24.7* | 0.9 | 2.1 | 4.2 | 8.7 | 20.4 | 44.2 | 92.1 | 184.1 | 331.2 | 726.8 |
| Other respiratory disease | | | | | | | | | | | | | |
| 1995 | 39.4* | 2.0* | 22.7* | 4.3 | 6.9 | 8.6 | 12.7 | 19.9 | 37.1 | 69.7 | 143.2 | 297.8 | 1001.6 |
| 2000 | 42.1* | 1.6* | 22.7* | 3.5 | 6.0 | 8.5 | 12.8 | 20.0 | 36.9 | 70.8 | 143.4 | 308.7 | 1140.1 |
| Vascular disease | | | | | | | | | | | | | |
| 1995 | 394.9* | 5.5* | 373.9* | 36.3 | 74.4 | 129.2 | 217.7 | 379.3 | 666.2 | 1114.2 | 1860.2 | 3054.2 | 7129.7 |
| 2000 | 337.1* | 4.4* | 299.0* | 25.6 | 59.6 | 113.5 | 187.7 | 301.3 | 513.1 | 892.2 | 1510.7 | 2580.7 | 6575.4 |
| Liver cirrhosis | | | | | | | | | | | | | |
| 1995 | 24.3* | 1.1* | 46.6* | 13.8 | 24.2 | 33.5 | 46.0 | 61.1 | 73.2 | 74.4 | 75.6 | 73.9 | 73.2 |
| 2000 | 21.1* | 0.7* | 41.3* | 9.7 | 21.5 | 33.6 | 40.9 | 51.9 | 63.1 | 68.2 | 65.1 | 62.7 | 56.5 |
| Other medical causes | | | | | | | | | | | | | |
| 1995 | 148.1* | 39.5* | 135.8* | 64.6 | 71.0 | 82.2 | 101.7 | 139.3 | 198.3 | 293.7 | 473.1 | 820.7 | 2213.2 |
| 2000 | 142.6* | 29.1* | 126.1* | 42.9 | 59.5 | 78.6 | 96.9 | 127.9 | 186.7 | 289.8 | 471.2 | 841.2 | 2408.7 |
| All non-medical causes | | | | | | | | | | | | | |
| 1995 | 75.0* | 45.1* | 88.8* | 80.1 | 89.5 | 85.7 | 87.9 | 90.9 | 89.0 | 98.6 | 121.9 | 165.0 | 396.6 |
| 2000 | 65.9* | 38.7* | 77.0* | 66.0 | 75.4 | 80.7 | 77.1 | 74.8 | 78.9 | 86.1 | 108.1 | 156.3 | 384.8 |

| |
|---|
| 1995, 2000: EU25 (European Union - 25 countries) |
|---|

Female smoking-attributed deaths (Sm.) and total deaths (Total)

| | | ALL CAUSES | ALL CANCER | Lung cancer | Upper aero-digestive ca. (see below) | Other cancer | COPD | Other respiratory | Vascular disease | Liver cirrhosis | Other medical | Non-medical |
|-------------|-------|------------|------------|-------------|--------------------------------------|--------------|-------|-------------------|------------------|-----------------|---------------|-------------|
| 1995 | | | | | | | | | | | | |
| 0-34 | Sm. | - | - | - | - | - | - | - | - | - | - | - |
| | Total | 49455 | 6751 | 183 | 85 | 6483 | 329 | 1290 | 3233 | 490 | 24113 | 13249 |
| 35-69 | Sm. | 45001 | 17599 | 13546 | 1598 | 2455 | 5411 | 1036 | 14622 | - | 6333 | - |
| | Total | 438618 | 188304 | 21532 | 5010 | 161762 | 10349 | 8329 | 128204 | 16026 | 61792 | 25614 |
| | | (10%) | (9%) | (63%) | (32%) | (2%) | (52%) | (12%) | (11%) | | (10%) | |
| 70+ | Sm. | 92832 | 22215 | 15817 | 2539 | 3859 | 20266 | 5164 | 34849 | - | 10338 | - |
| | Total | 1785665 | 291535 | 25373 | 7551 | 258611 | 46412 | 100169 | 969673 | 10500 | 318114 | 49262 |
| | | (5%) | (8%) | (62%) | (34%) | (1%) | (44%) | (5%) | (4%) | | (3%) | |
| Any age | Sm. | 137833 | 39814 | 29363 | 4137 | 6314 | 25677 | 6200 | 49471 | - | 16671 | - |
| | Total | 2273738 | 486590 | 47088 | 12646 | 426856 | 57090 | 109788 | 1101110 | 27016 | 404019 | 88125 |
| | | (6%) | (8%) | (62%) | (33%) | (1%) | (45%) | (6%) | (4%) | | (4%) | |
| 2000 | | | | | | | | | | | | |
| 0-34 | Sm. | - | - | - | - | - | - | - | - | - | - | - |
| | Total | 38648 | 5728 | 146 | 75 | 5507 | 236 | 922 | 2528 | 366 | 17978 | 10890 |
| 35-69 | Sm. | 45625 | 20041 | 15601 | 1827 | 2613 | 5046 | 1162 | 12520 | - | 6856 | - |
| | Total | 397217 | 180930 | 23758 | 5219 | 151953 | 9115 | 9199 | 101287 | 14429 | 58877 | 23380 |
| | | (11%) | (11%) | (66%) | (35%) | (2%) | (55%) | (13%) | (12%) | | (12%) | |
| 70+ | Sm. | 102221 | 26042 | 18763 | 2871 | 4408 | 22084 | 5979 | 35305 | - | 12811 | - |
| | Total | 1801928 | 306305 | 29198 | 7931 | 269176 | 45393 | 114284 | 923715 | 9480 | 356024 | 46727 |
| | | (6%) | (9%) | (64%) | (36%) | (2%) | (49%) | (5%) | (4%) | | (4%) | |
| Any age | Sm. | 147846 | 46083 | 34364 | 4698 | 7021 | 27130 | 7141 | 47825 | - | 19667 | - |
| | Total | 2237793 | 492963 | 53102 | 13225 | 426636 | 54744 | 124405 | 1027530 | 24275 | 432879 | 80997 |
| | | (7%) | (9%) | (65%) | (36%) | (2%) | (50%) | (6%) | (5%) | | (5%) | |

To be conservative, no deaths before age 35, and none from liver cirrhosis or non-medical causes, were attributed to smoking

Female death rates used for calculations

| | | All ages | 0-34 | 35-69 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80+/ <i>NK</i> |
|---|--|----------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|----------------|
| POPULATION (1000s; UN, 2004 revision) | | | | | | | | | | | | | | |
| 1995 | | 229903 | 103977 | 97117 | 16585 | 15752 | 15067 | 12928 | 12838 | 12123 | 11823 | 10855 | 6828 | 11125 |
| 2000 | | 232287 | 99514 | 101460 | 17494 | 16571 | 15667 | 14934 | 12731 | 12495 | 11568 | 10943 | 9528 | 10842 |
| NUMBER OF DEATHS (Source: WHO) | | | | | | | | | | | | | | |
| All causes | | | | | | | | | | | | | | |
| 1995 | | 2273738 | 49455 | 438618 | 15589 | 23665 | 34015 | 43947 | 65154 | 98279 | 157969 | 248161 | 270318 | 1267186 |
| 2000 | | 2237793 | 38648 | 397217 | 13782 | 21922 | 33476 | 46831 | 58645 | 88342 | 134219 | 217336 | 339920 | 1244672 |
| Lung cancer | | | | | | | | | | | | | | |
| 1995 | | 47088 | 183 | 21532 | 407 | 980 | 1800 | 2411 | 3314 | 5205 | 7415 | 8692 | 6380 | 10301 |
| 2000 | | 53102 | 146 | 23758 | 354 | 1129 | 2167 | 3270 | 4211 | 5461 | 7166 | 9082 | 9199 | 10917 |
| ANNUAL DEATH RATE / 100,000 (*The rates for the age groups 0-34 and 35-69 are the means of seven five-yearly rates, but the all-ages rates are standardised to the conventional "European" age distribution) | | | | | | | | | | | | | | |
| All causes | | | | | | | | | | | | | | |
| 1995 | | 581.8* | 48.6* | 494.9* | 94.0 | 150.2 | 225.8 | 339.9 | 507.5 | 810.7 | 1336.1 | 2286.1 | 3959.0 | 11390.1 |
| 2000 | | 542.2* | 39.8* | 438.0* | 78.8 | 132.3 | 213.7 | 313.6 | 460.6 | 707.0 | 1160.2 | 1986.1 | 3567.5 | 11480.2 |
| All cancer | | | | | | | | | | | | | | |
| 1995 | | 148.7* | 6.1* | 211.5* | 34.0 | 65.3 | 111.4 | 172.5 | 245.7 | 353.1 | 498.5 | 684.6 | 899.7 | 1400.3 |
| 2000 | | 141.9* | 5.3* | 198.5* | 29.1 | 59.3 | 103.4 | 162.0 | 237.7 | 332.5 | 465.1 | 644.1 | 877.7 | 1403.7 |
| Lung cancer | | | | | | | | | | | | | | |
| 1995 | | 15.2* | 0.2* | 24.4* | 2.5 | 6.2 | 11.9 | 18.6 | 25.8 | 42.9 | 62.7 | 80.1 | 93.4 | 92.6 |
| 2000 | | 16.3* | 0.1* | 26.2* | 2.0 | 6.8 | 13.8 | 21.9 | 33.1 | 43.7 | 61.9 | 83.0 | 96.5 | 100.7 |
| Upper aerodigestive cancer (mouth, oesophagus, pharynx and larynx) | | | | | | | | | | | | | | |
| 1995 | | 3.9* | 0.1* | 5.6* | 0.6 | 1.6 | 3.1 | 5.6 | 6.6 | 9.4 | 12.7 | 16.6 | 23.1 | 37.5 |
| 2000 | | 3.9* | 0.1* | 5.7* | 0.4 | 1.7 | 3.5 | 5.4 | 7.7 | 9.4 | 11.7 | 15.8 | 20.8 | 38.9 |
| Other cancer | | | | | | | | | | | | | | |
| 1995 | | 129.7* | 5.8* | 181.5* | 31.0 | 57.6 | 96.3 | 148.2 | 213.4 | 300.8 | 423.1 | 588.0 | 783.2 | 1270.1 |
| 2000 | | 121.7* | 5.1* | 166.6* | 26.6 | 50.8 | 86.0 | 134.8 | 196.9 | 279.4 | 391.4 | 545.3 | 760.3 | 1264.1 |
| Chronic obstructive pulmonary disease (COPD) | | | | | | | | | | | | | | |
| 1995 | | 14.4* | 0.3* | 12.0* | 0.8 | 1.4 | 2.8 | 5.4 | 10.7 | 21.3 | 41.6 | 75.9 | 124.7 | 266.5 |
| 2000 | | 13.0* | 0.2* | 10.4* | 0.7 | 1.2 | 2.6 | 5.4 | 10.0 | 17.6 | 35.7 | 66.5 | 109.4 | 255.4 |
| Other respiratory disease | | | | | | | | | | | | | | |
| 1995 | | 24.0* | 1.3* | 9.5* | 1.9 | 2.8 | 3.6 | 5.3 | 8.0 | 15.1 | 29.6 | 65.1 | 161.7 | 737.5 |
| 2000 | | 26.3* | 1.0* | 10.3* | 1.9 | 2.7 | 4.1 | 5.9 | 9.5 | 16.1 | 31.8 | 67.3 | 156.3 | 848.8 |
| Vascular disease | | | | | | | | | | | | | | |
| 1995 | | 253.0* | 2.9* | 148.0* | 12.7 | 23.9 | 41.4 | 69.3 | 125.9 | 253.0 | 509.9 | 1029.7 | 2008.5 | 6478.6 |
| 2000 | | 223.5* | 2.4* | 115.2* | 10.4 | 20.4 | 36.2 | 58.4 | 96.9 | 191.8 | 392.3 | 813.3 | 1682.0 | 6220.8 |
| Liver cirrhosis | | | | | | | | | | | | | | |
| 1995 | | 9.7* | 0.4* | 17.6* | 4.7 | 9.0 | 12.4 | 18.2 | 22.1 | 26.0 | 30.4 | 34.7 | 37.3 | 37.6 |
| 2000 | | 8.3* | 0.3* | 15.3* | 3.9 | 7.4 | 12.2 | 15.7 | 19.5 | 23.0 | 25.2 | 28.8 | 32.2 | 30.1 |
| Other medical causes | | | | | | | | | | | | | | |
| 1995 | | 104.6* | 25.3* | 69.2* | 20.4 | 25.3 | 31.4 | 43.4 | 66.8 | 111.2 | 186.1 | 337.3 | 629.8 | 2143.8 |
| 2000 | | 104.9* | 20.1* | 64.6* | 16.6 | 22.4 | 32.5 | 43.3 | 62.6 | 99.1 | 175.9 | 316.3 | 624.2 | 2416.0 |
| All non-medical causes | | | | | | | | | | | | | | |
| 1995 | | 27.5* | 12.3* | 27.1* | 19.5 | 22.4 | 22.7 | 26.0 | 28.1 | 30.9 | 39.9 | 58.8 | 97.2 | 325.8 |
| 2000 | | 24.4* | 10.5* | 23.8* | 16.2 | 18.9 | 22.8 | 22.8 | 24.4 | 26.9 | 34.3 | 49.7 | 85.7 | 305.5 |

| |
|---|
| EU25 (European Union - 25 countries): 2000 |
|---|

Relative importance of deaths in MIDDLE age (35–69) in the year 2000

| Age range (years) | Deaths attributed to SMOKING /total deaths (thousands) | | Mean years lost PER DEATH FROM SMOKING |
|-------------------|--|-------------------|--|
| | Male | Female | |
| 0–34 | – / 85 | – / 39 | – |
| 35–69 | 244 / 779 | 46 / 397 | 22 years |
| 70+ | 263 / 1350 | 102 / 1802 | 8 years |
| All ages | 507 / 2214 | 148 / 2238 | 14 years |

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

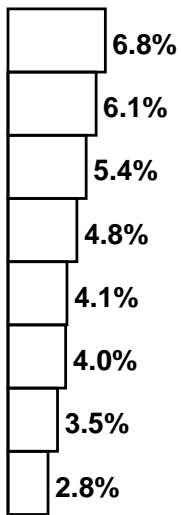
| Cause | Male (by age) | | | | Female (by age) | | | |
|-------------------|---------------|--------------------------|---------------------------|-----------------|-----------------|-------------------------|--------------------------|-----------------|
| | 0–34 | 35–69 | 70+ | All | 0–34 | 35–69 | 70+ | All |
| Lung Cancer | –/0.2 | 80/87 | 75/83 | 156/171 | –/0.1 | 16/24 | 19/29 | 34/53 |
| All Cancer | –/6.6 | 124/276 (45%) | 114/343 (33%) | 239/626 | –/5.7 | 20/181 (11%) | 26/306 (9%) | 46/493 |
| Vascular | –/4.9 | 68/244 | 67/597 | 135/846 | –/2.5 | 13/101 | 35/924 | 48/1028 |
| Respiratory | –/2.0 | 19/38 | 59/156 | 79/195 | –/1.2 | 6.2/18 | 28/160 | 34/179 |
| All Other | –/72 | 32/221 | 22/254 | 54/548 | –/29 | 6.9/97 | 13/412 | 20/538 |
| All Causes | –/85 | 244/779 (31%) | 263/1350 (19%) | 507/2214 | –/39 | 46/397 (11%) | 102/1802 (6%) | 148/2238 |

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

| Cause | Male | Female | Male + Female |
|------------|---------------------|--------------------|---------------------|
| All Cancer | 239 / 626 (38%) | 46 / 493 (9%) | 285 / 1119 (25%) |
| All Causes | 507 / 2214 (23%) | 148 / 2238 (7%) | 655 / 4452 (15%) |

1965-2000: EU25 (European Union - 25 countries)

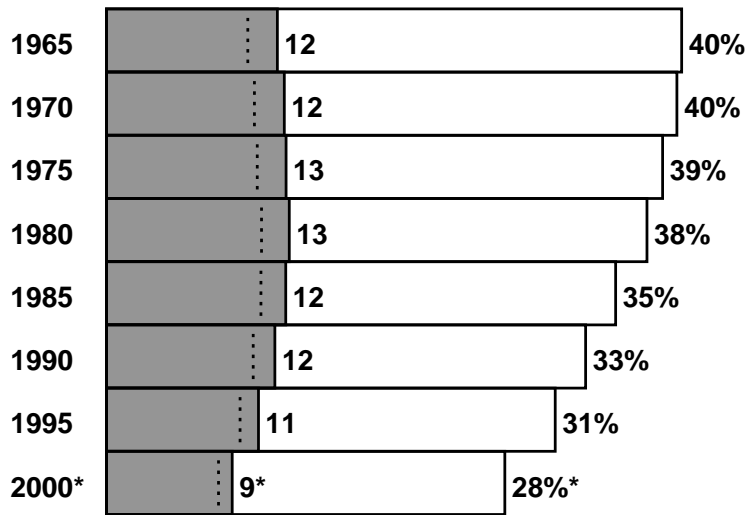
Population risk of dying at ages 0-34



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

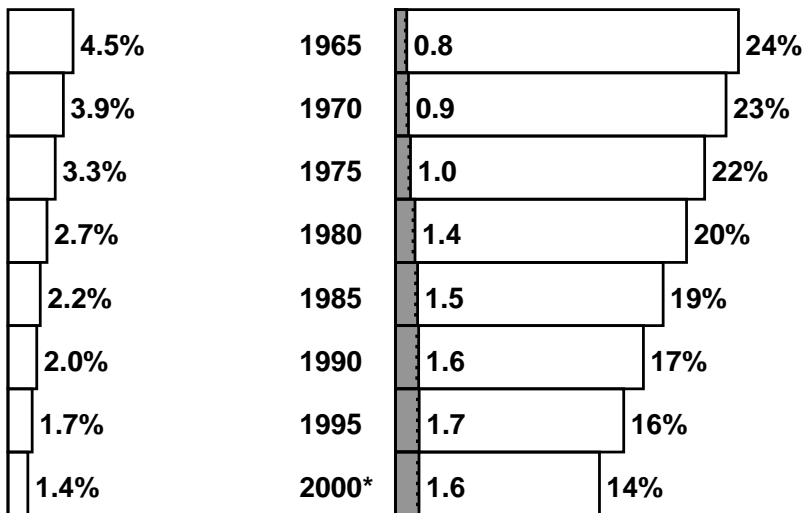
*eg, at year 2000 male death rates, out of 100 men aged 35, 28 would die before age 70 (with 9 of these deaths attributed to smoking)

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



| |
|--|
| EU25 (European Union - 25 countries): 1960-2000 |
|--|

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 | ... | ... | ... | ... | ... | ... | ... | ... |
| 1955 | ... | ... | ... | ... | ... | ... | ... | ... |
| 1960 | ... | ... | ... | ... | ... | ... | ... | ... |
| 1965 | -/227 | 273/914 (30%) | 120/987 (12%) | 393/2128 | -/147 | 19/593 (3%) | 14/1248 (1%) | 34/1988 |
| 1970 | -/203 | 296/955 (31%) | 172/1071 (16%) | 469/2229 | -/123 | 23/593 (4%) | 22/1387 (2%) | 45/2103 |
| 1975 | -/177 | 299/934 (32%) | 232/1202 (19%) | 532/2313 | -/101 | 27/559 (5%) | 32/1527 (2%) | 59/2187 |
| 1980 | -/156 | 300/887 (34%) | 258/1285 (20%) | 559/2328 | -/83 | 33/508 (7%) | 42/1621 (3%) | 75/2212 |
| 1985 | -/133 | 301/846 (36%) | 281/1353 (21%) | 581/2331 | -/67 | 38/463 (8%) | 60/1741 (3%) | 98/2271 |
| 1990 | -/129 | 312/888 (35%) | 253/1283 (20%) | 565/2301 | -/59 | 44/473 (9%) | 73/1729 (4%) | 116/2262 |
| 1995 | -/111 | 290/863 (34%) | 266/1323 (20%) | 556/2296 | -/49 | 45/439 (10%) | 93/1786 (5%) | 138/2274 |
| 2000 | -/85 | 244/779 (31%) | 263/1350 (19%) | 507/2214 | -/39 | 46/397 (11%) | 102/1802 (6%) | 148/2238 |

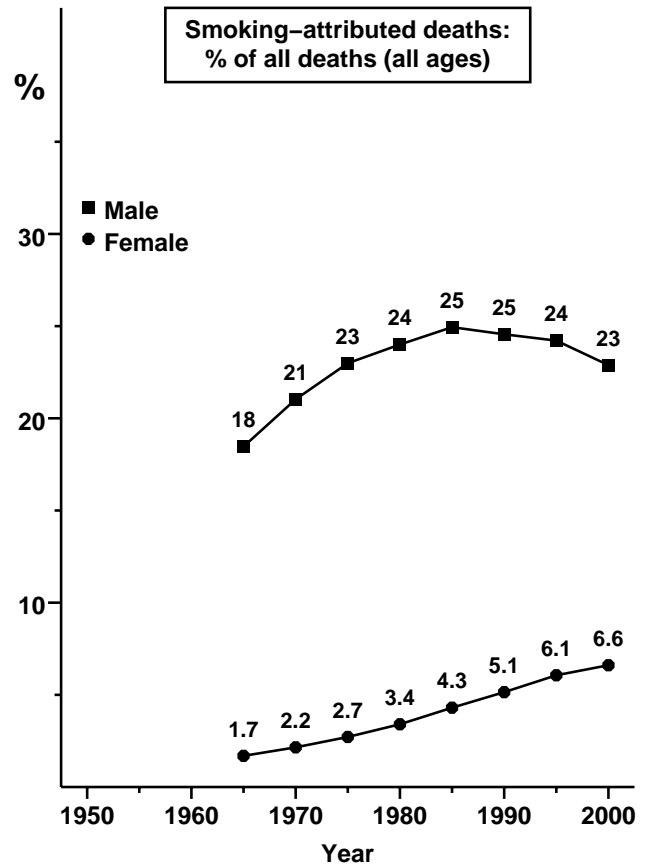
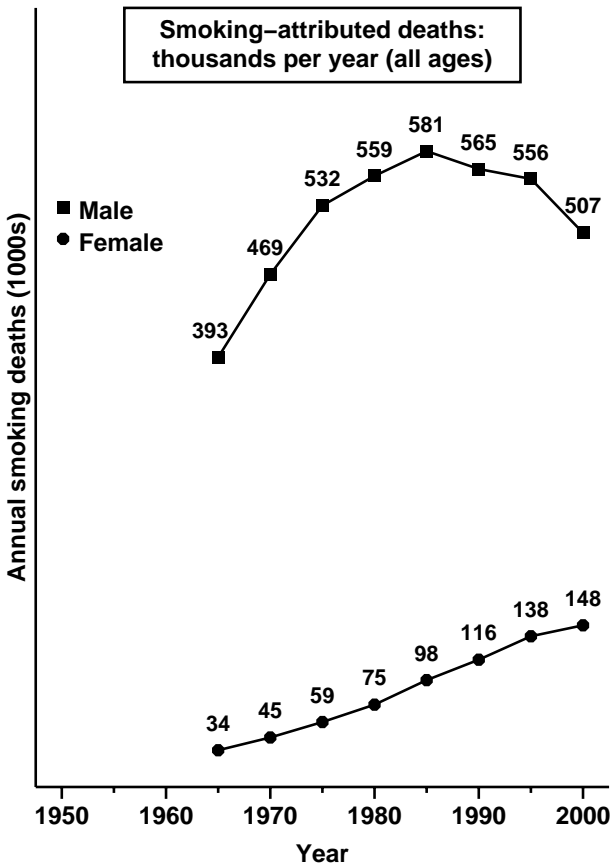
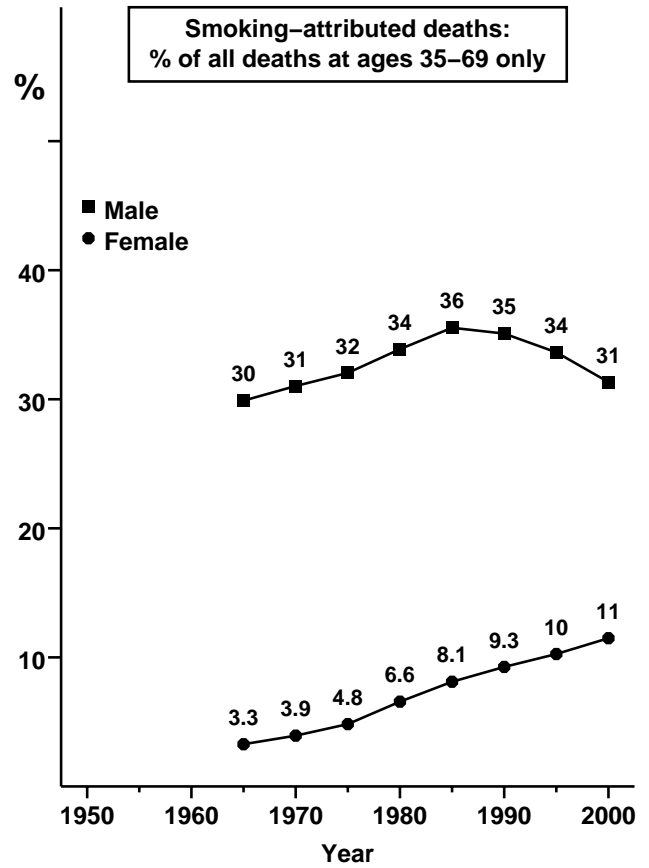
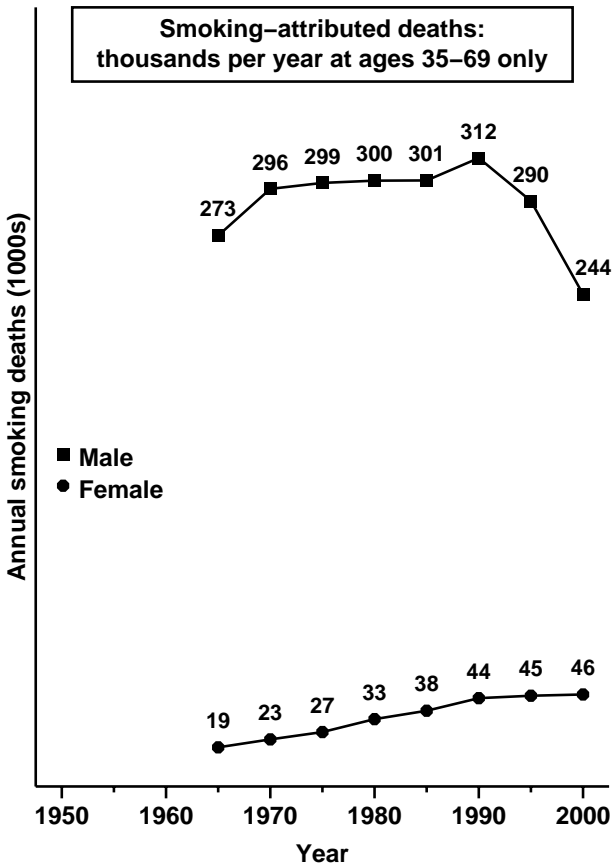
40-year total* (M=millions), mid-1960 to mid-2000: 24/ 178M

1960-2000 by age & sex:

| | | | | | | | |
|--------|--------------|--------------|--------|--------|--------------|--------------|---------|
| -/6.5M | 12/36M | 9.0/49M | 21/91M | -/3.6M | 1.3/21M | 2.0/63M | 3.3/87M |
| | (33%) | (18%) | | | (6%) | (3%) | |

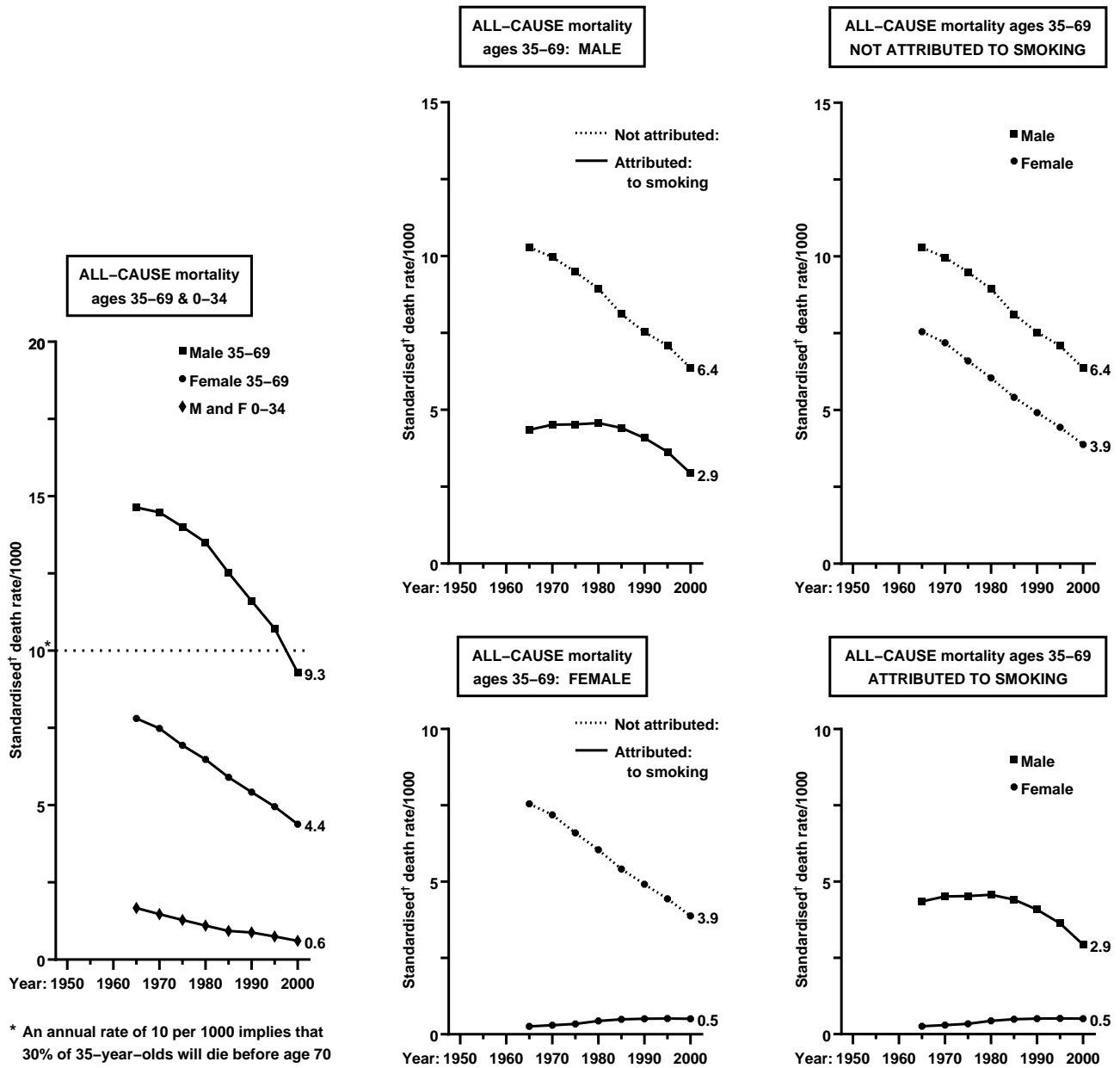
*Estimated as 10 times the sum of the annual numbers for 1965, 1975, 1985 & 1995

1965-2000: EU25 (European Union - 25 countries)



EU25 (European Union - 25 countries): 1965-2000

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

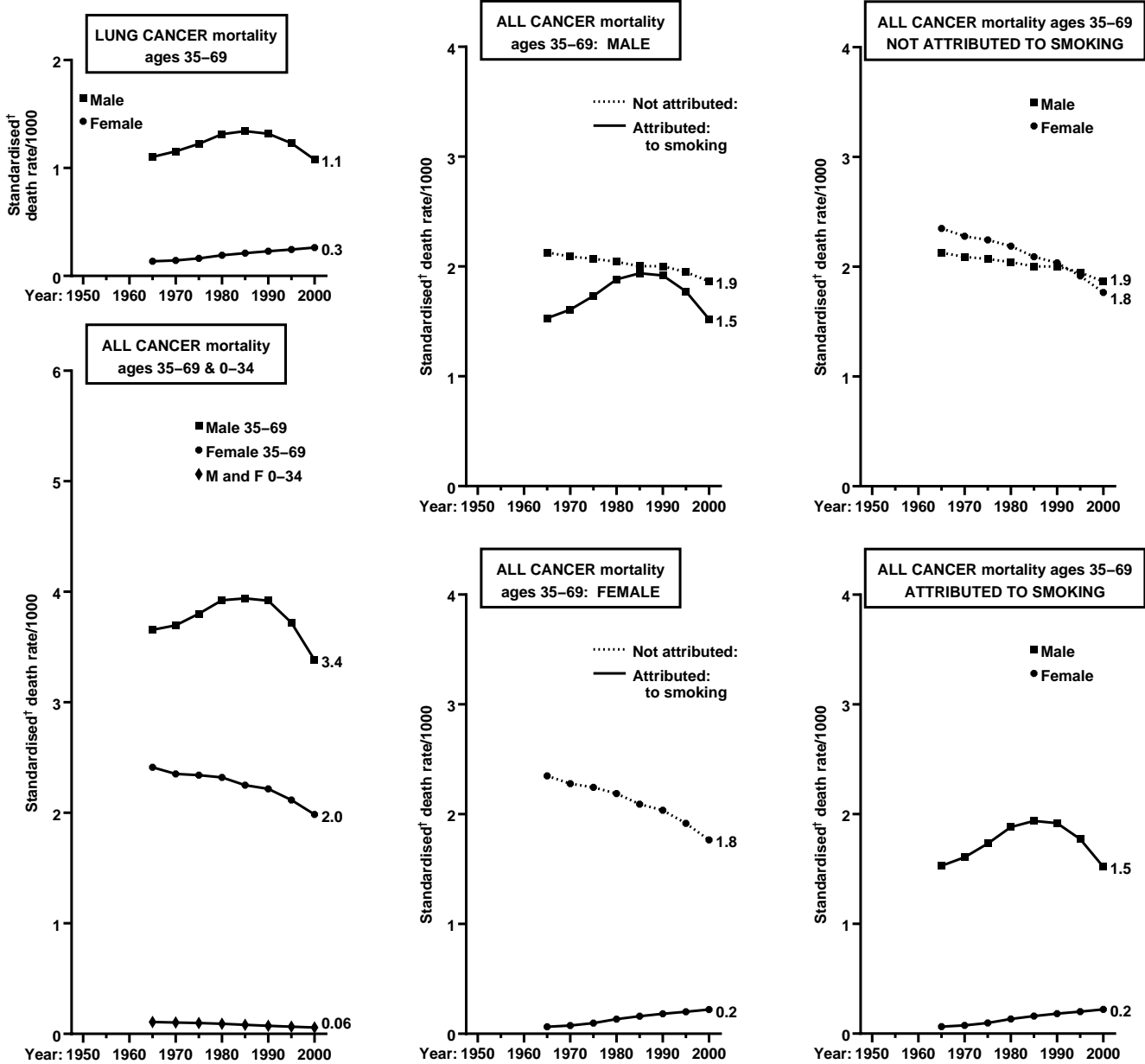
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

| Year | MALE all-cause mortality (annual rate/1000, by age) | | | | | | | | FEMALE all-cause mortality (annual rate/1000, by age) | | | | | | | | | |
|------|---|------|-------|------|-------|------|------|------|---|------|-------|------|------|------|-------|------|-------|------|
| | 0-34 | | 35-69 | | 70-79 | | 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 | Yes | No | Yes | No | Yes | No | |
| 1950 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 1955 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 1960 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 1965 | - | 2.01 | 4.35 | 10.3 | 11.0 | 67.2 | - | 1.33 | 0.26 | 7.55 | 0.76 | 53.2 | - | 1.12 | 0.29 | 7.19 | 0.96 | 50.4 |
| 1970 | - | 1.81 | 4.51 | 9.96 | 14.3 | 64.0 | - | 0.96 | 0.34 | 6.59 | 1.21 | 47.3 | - | 0.79 | 0.43 | 6.04 | 1.35 | 41.3 |
| 1975 | - | 1.60 | 4.52 | 9.48 | 16.8 | 61.9 | - | 0.65 | 0.49 | 5.41 | 1.75 | 37.9 | - | 0.58 | 0.51 | 4.91 | 2.01 | 32.7 |
| 1980 | - | 1.41 | 4.41 | 8.11 | 16.0 | 53.2 | - | 0.49 | 0.51 | 4.44 | 2.27 | 29.0 | - | 0.49 | 0.51 | 4.44 | 2.27 | 29.0 |
| 1985 | - | 1.20 | 4.08 | 7.53 | 13.8 | 46.6 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 |
| 1990 | - | 1.17 | 3.63 | 7.08 | 11.2 | 38.2 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 |
| 1995 | - | 1.00 | 2.93 | 6.36 | 11.2 | 38.2 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 |
| 2000 | - | 0.81 | 2.93 | 6.36 | 11.2 | 38.2 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 | - | 0.40 | 0.51 | 3.88 | 2.16 | 25.6 |

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

1965-2000: EU25 (European Union - 25 countries)

ALL CANCER mortality rates attributed and not attributed to smoking



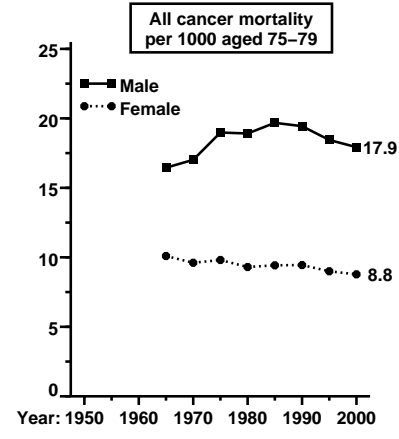
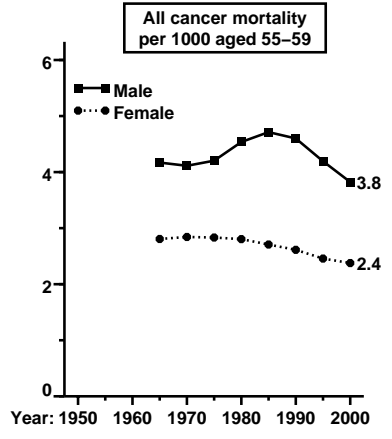
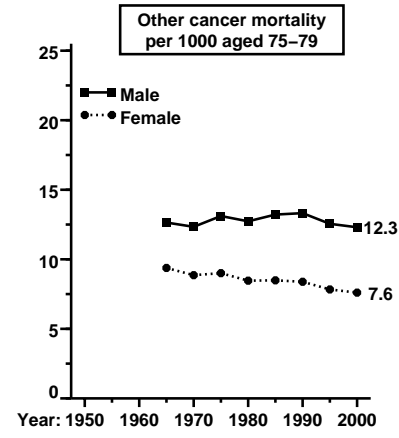
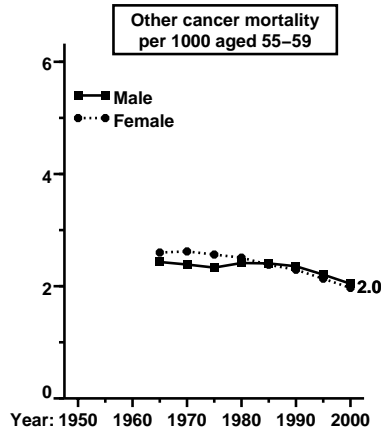
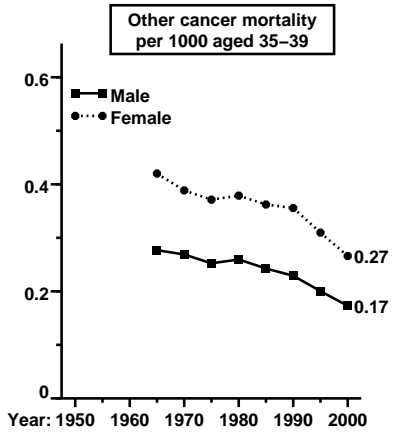
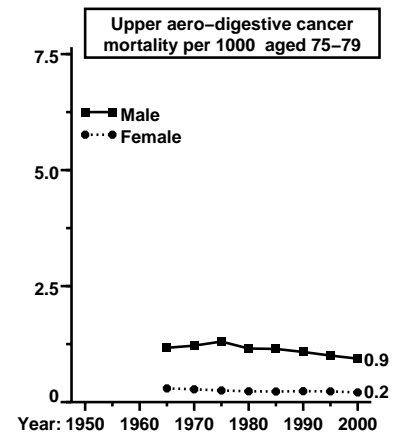
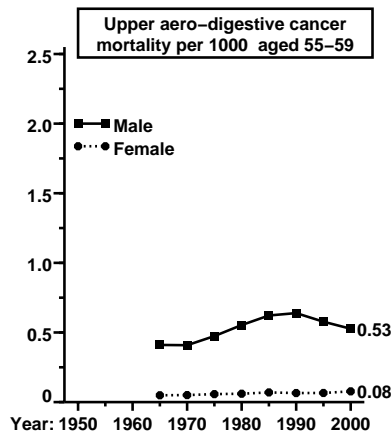
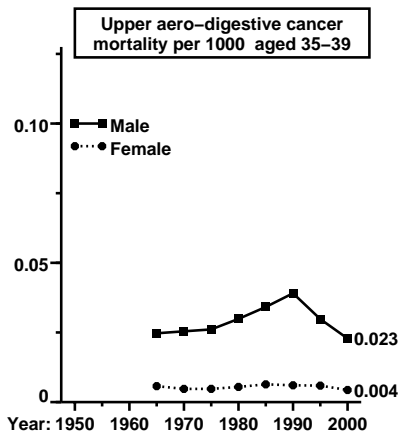
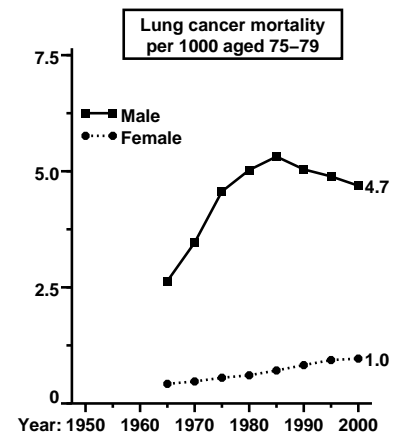
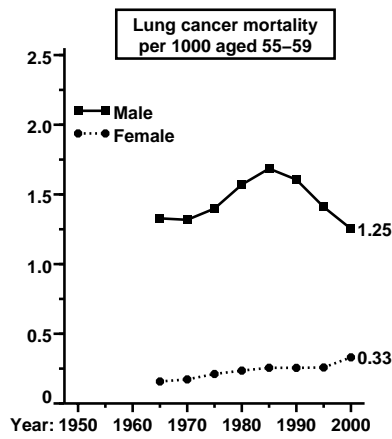
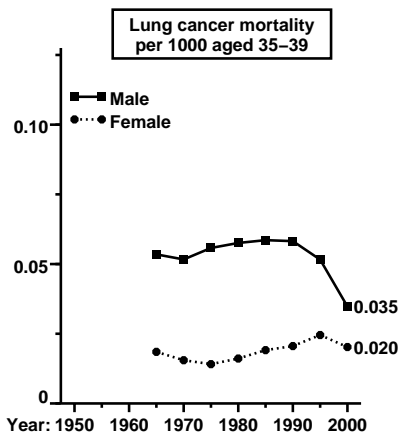
† Mean of 7 age-specific rates, ages 35-69 (or ages 0-34)

| 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 | Yes | No | | | |
| 1950 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| 1955 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| 1960 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| 1965 | - | 0.11 | 1.53 | 2.13 | 4.84 | 11.1 | - | 0.10 | 0.06 | 2.35 | 0.15 | 8.72 | | | | |
| 1970 | - | 0.11 | 1.61 | 2.09 | 4.84 | 10.6 | - | 0.09 | 0.07 | 2.28 | 0.20 | 8.21 | | | | |
| 1975 | - | 0.11 | 1.73 | 2.07 | 6.05 | 10.8 | - | 0.09 | 0.10 | 2.24 | 0.27 | 8.18 | | | | |
| 1980 | - | 0.10 | 1.88 | 2.04 | 6.40 | 10.3 | - | 0.08 | 0.13 | 2.19 | 0.35 | 7.77 | | | | |
| 1985 | - | 0.09 | 1.94 | 2.00 | 6.63 | 10.5 | - | 0.07 | 0.16 | 2.09 | 0.48 | 7.77 | | | | |
| 1990 | - | 0.08 | 1.92 | 2.00 | 6.27 | 10.4 | - | 0.07 | 0.18 | 2.03 | 0.62 | 7.46 | | | | |
| 1995 | - | 0.07 | 1.77 | 1.95 | 6.13 | 10.1 | - | 0.06 | 0.20 | 1.92 | 0.74 | 7.19 | | | | |
| 2000 | - | 0.06 | 1.52 | 1.86 | 5.70 | 9.88 | - | 0.05 | 0.22 | 1.76 | 0.76 | 6.84 | | | | |

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

EU25 (European Union - 25 countries): 1965-2000

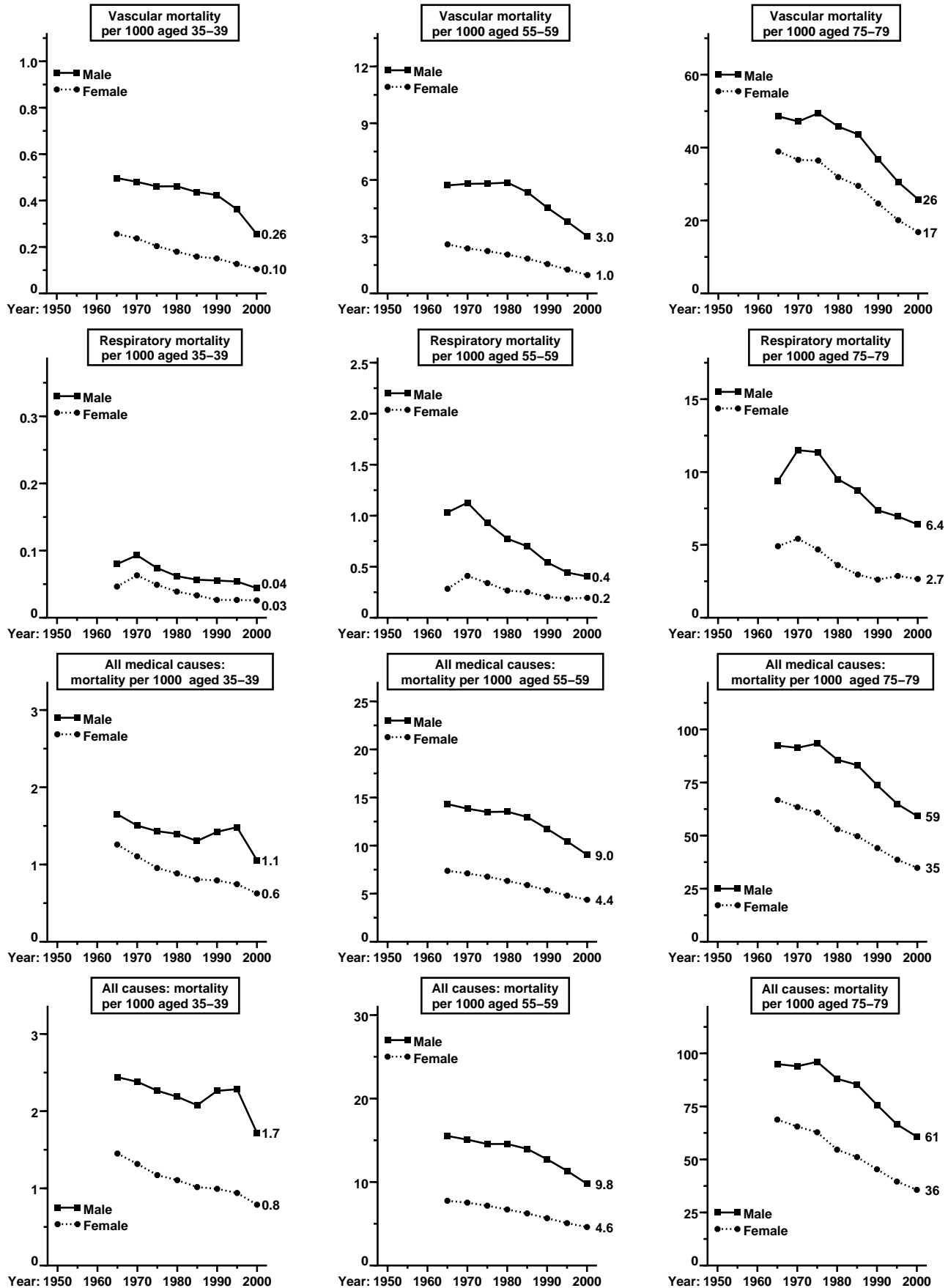
Mortality* trends at selected ages: 35-39, 55-59 & 75-79



* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995 and 2000

1965-2000: EU25 (European Union - 25 countries)

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



* Annual mortality per 1000: 1965, 1970, 1975, 1980, 1985, 1990, 1995 and 2000