

MORTALITY FROM SMOKING IN DEVELOPED COUNTRIES 1950–2020

(see also www.deathsfromsmoking.net)

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FINLAND

Raw data (pages 160–61)

Analyses (pages 162–63, 164–65, 166–67)

Appendix (pages 168–69)

(revised September 2015)

FINLAND: 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 25547 | 807 | 9043 | 730.8 | 68.2 | 770.2 | 66.0 | 9.5 | 9.8 | 48.4 | 113.0 | 114.1 | 116.3 |
| | F 25363 | 320 | 4158 | 424.6 | 28.9 | 342.0 | 51.1 | 11.4 | 6.1 | 18.2 | 36.1 | 37.4 | 42.2 |
| Tuberculosis | M 22 | 1 | 4 | 0.6 | 0.1 | 0.3 | 0.7 | - | - | - | - | - | - |
| | F 26 | - | 1 | 0.4 | - | 0.1 | - | - | - | - | - | - | - |
| Other infective and parasitic | M 178 | 5 | 54 | 5.0 | 0.4 | 4.8 | 1.3 | - | - | - | - | 0.6 | 1.1 |
| | F 210 | 4 | 33 | 3.5 | 0.3 | 2.7 | 0.7 | - | - | 0.6 | - | 0.6 | 0.6 |
| ALL CANCER | M 6116 | 53 | 2411 | 172.9 | 4.5 | 210.5 | 3.3 | 4.1 | 2.0 | 3.5 | 1.8 | 6.7 | 10.3 |
| | F 5464 | 42 | 1877 | 114.2 | 3.8 | 154.5 | 2.7 | 4.3 | 2.7 | 2.4 | 3.2 | 4.2 | 7.2 |
| Mouth and pharynx cancer | M 120 | 1 | 79 | 3.5 | 0.1 | 6.7 | - | - | - | - | - | - | 0.6 |
| Oesophagus cancer | M 72 | - | 29 | 1.5 | - | 2.4 | - | - | - | - | - | - | - |
| | F 172 | - | 92 | 5.0 | - | 7.8 | - | - | - | - | - | - | - |
| | F 82 | - | 20 | 1.6 | - | 1.8 | - | - | - | - | - | - | - |
| Stomach cancer | M 291 | 2 | 130 | 8.4 | 0.2 | 11.1 | - | - | - | - | - | - | 1.1 |
| | F 198 | 1 | 60 | 4.0 | 0.1 | 5.0 | - | - | - | - | - | 0.6 | - |
| Colorectal cancer | M 590 | 1 | 200 | 16.6 | 0.1 | 17.5 | - | - | - | - | - | - | 0.6 |
| | F 546 | - | 136 | 10.4 | - | 11.2 | - | - | - | - | - | - | - |
| Liver cancer | M 200 | 1 | 82 | 5.6 | 0.1 | 7.2 | - | - | - | - | - | - | 0.6 |
| | F 109 | 2 | 20 | 2.1 | 0.2 | 1.6 | 0.7 | - | - | 0.6 | - | - | - |
| Pancreas cancer | M 498 | 2 | 243 | 14.3 | 0.2 | 21.5 | - | - | - | - | - | 0.6 | 0.6 |
| | F 497 | - | 152 | 9.8 | - | 12.3 | - | - | - | - | - | - | - |
| Larynx cancer | M 41 | - | 21 | 1.2 | - | 1.8 | - | - | - | - | - | - | - |
| | F 5 | - | - | 0.1 | - | - | - | - | - | - | - | - | - |
| Lung cancer | M 1547 | 2 | 671 | 43.6 | 0.2 | 59.0 | - | - | - | - | - | 0.6 | 0.6 |
| | F 667 | - | 279 | 14.5 | - | 23.3 | - | - | - | - | - | - | - |
| Malignant melanoma | M 118 | - | 62 | 3.5 | - | 5.2 | - | - | - | - | - | - | - |
| | F 71 | 1 | 26 | 1.6 | 0.1 | 2.2 | - | - | - | - | - | - | 0.6 |
| Female breast cancer | F 886 | 5 | 436 | 21.2 | 0.4 | 35.1 | - | - | - | - | - | 0.6 | 2.4 |
| Cervix cancer | F 55 | 5 | 23 | 1.4 | 0.4 | 1.8 | - | - | - | - | - | 1.2 | 1.8 |
| Other uterine cancer | F 189 | - | 57 | 3.8 | - | 4.8 | - | - | - | - | - | - | - |
| Ovarian cancer | F 386 | 1 | 170 | 8.8 | 0.1 | 13.8 | - | - | - | - | - | 0.6 | - |
| Prostate cancer | M 845 | - | 154 | 22.7 | - | 14.3 | - | - | - | - | - | - | - |
| Bladder cancer | M 184 | - | 46 | 5.0 | - | 4.1 | - | - | - | - | - | - | - |
| | F 68 | - | 13 | 1.1 | - | 1.1 | - | - | - | - | - | - | - |
| Other and ill-defined cancer sites | M 963 | 30 | 442 | 28.1 | 2.6 | 37.7 | 2.6 | 2.7 | 2.0 | 2.3 | 0.6 | 2.8 | 5.1 |
| | F 1110 | 17 | 333 | 22.3 | 1.6 | 27.5 | 1.4 | 3.6 | 2.0 | 0.6 | 1.9 | 1.2 | 0.6 |
| Hodgkin's disease | M 14 | 1 | 7 | 0.4 | 0.1 | 0.6 | - | - | - | - | - | 0.6 | - |
| | F 10 | 4 | 2 | 0.3 | 0.3 | 0.1 | - | - | - | 0.6 | 0.6 | - | 1.2 |
| Myeloma and non- Hodgkin lymphomas | M 361 | 4 | 129 | 10.1 | 0.3 | 11.5 | - | - | - | 0.6 | - | 1.1 | 0.6 |
| | F 375 | - | 86 | 6.9 | - | 7.3 | - | - | - | - | - | - | - |
| Leukaemia | M 172 | 9 | 53 | 5.0 | 0.8 | 4.6 | 0.7 | 1.4 | - | 0.6 | 1.2 | 1.1 | 0.6 |
| | F 138 | 6 | 35 | 2.9 | 0.6 | 3.0 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | - | 0.6 |
| Diabetes | M 243 | 4 | 123 | 7.2 | 0.3 | 10.2 | - | - | - | 0.6 | 1.2 | - | 0.6 |
| | F 213 | 5 | 55 | 4.1 | 0.4 | 4.4 | - | - | - | 0.6 | 0.6 | 1.8 | - |
| ALL VASCULAR DISEASE | M 9999 | 48 | 2937 | 275.8 | 4.0 | 253.9 | 2.6 | - | 1.3 | 0.6 | 5.4 | 8.4 | 9.7 |
| | F 10588 | 15 | 800 | 151.8 | 1.3 | 67.3 | 0.7 | - | 0.7 | - | 1.9 | 1.2 | 4.8 |
| Rheumatic heart disease and fever | M 14 | - | 2 | 0.4 | - | 0.2 | - | - | - | - | - | - | - |
| | F 44 | - | 2 | 0.7 | - | 0.2 | - | - | - | - | - | - | - |
| Hypertensive disease | M 343 | - | 144 | 9.7 | - | 11.9 | - | - | - | - | - | - | - |
| | F 604 | - | 42 | 8.3 | - | 3.3 | - | - | - | - | - | - | - |
| Ischaemic heart disease | M 6168 | 6 | 1693 | 168.6 | 0.5 | 147.9 | - | - | - | - | - | 1.7 | 1.7 |
| | F 5599 | 1 | 325 | 77.8 | 0.1 | 27.9 | - | - | - | - | - | - | 0.6 |
| Pulmonary embolism and other venous | M 129 | 2 | 51 | 3.7 | 0.2 | 4.3 | - | - | - | - | - | - | 1.1 |
| | F 198 | 5 | 43 | 3.7 | 0.4 | 3.5 | - | - | - | 0.6 | 0.6 | 0.6 | 1.8 |
| Cerebrovascular disease | M 1702 | 10 | 408 | 46.4 | 0.8 | 35.6 | 0.7 | - | 0.7 | - | 1.8 | 1.7 | 1.1 |
| | F 2533 | 1 | 219 | 37.2 | 0.1 | 18.3 | - | - | 0.7 | - | - | - | - |
| Other vascular disease | M 1643 | 30 | 639 | 46.9 | 2.5 | 54.1 | 2.0 | - | 0.7 | 0.6 | 3.6 | 5.1 | 5.7 |
| | F 1610 | 8 | 169 | 24.1 | 0.7 | 14.2 | 0.7 | - | - | - | 1.3 | 0.6 | 2.4 |
| Chronic obstructive pulmonary disease | M 799 | 4 | 152 | 21.6 | 0.3 | 13.8 | - | - | - | 0.6 | - | - | 1.7 |
| | F 394 | - | 93 | 7.3 | - | 7.9 | - | - | - | - | - | - | - |
| Other respiratory disease | M 422 | 6 | 114 | 11.7 | 0.5 | 10.0 | 0.7 | - | 0.7 | - | 0.6 | 0.6 | 1.1 |
| | F 373 | 3 | 54 | 6.0 | 0.3 | 4.3 | 0.7 | - | - | - | - | - | 1.2 |
| Peptic ulcer | M 92 | - | 46 | 2.7 | - | 3.7 | - | - | - | - | - | - | - |
| | F 82 | - | 27 | 1.5 | - | 2.3 | - | - | - | - | - | - | - |
| Liver cirrhosis | M 885 | 7 | 756 | 27.9 | 0.6 | 60.2 | - | - | - | - | 0.6 | 0.6 | 2.9 |
| | F 307 | 5 | 240 | 8.8 | 0.4 | 19.1 | - | - | - | - | 0.6 | 1.2 | 1.2 |
| Renal disease | M 113 | - | 14 | 3.0 | - | 1.2 | - | - | - | - | - | - | - |
| | F 203 | 1 | 11 | 2.8 | 0.1 | 0.9 | - | - | - | - | 0.6 | - | - |
| Pregnancy, birth Congenital and perinatal causes | F 3 | 2 | 1 | 0.1 | 0.2 | 0.1 | - | - | - | 0.6 | 0.6 | - | - |
| Ill-defined causes | M 108 | 72 | 28 | 4.7 | 6.6 | 2.1 | 39.2 | 0.7 | 1.3 | 1.2 | 0.6 | 2.8 | 0.6 |
| | F 100 | 51 | 29 | 4.0 | 4.9 | 2.2 | 28.6 | 1.4 | - | 1.2 | 1.9 | 0.6 | 0.6 |
| | M 170 | 30 | 102 | 5.8 | 2.6 | 8.4 | 5.9 | - | - | 0.6 | 4.8 | 3.4 | 3.4 |
| | F 109 | 16 | 54 | 3.2 | 1.5 | 4.3 | 8.9 | - | - | - | 0.6 | 1.2 | - |
| Other medical causes | M 3667 | 65 | 739 | 100.4 | 5.6 | 63.5 | 7.2 | 2.7 | 1.3 | 1.8 | 7.9 | 9.0 | 9.1 |
| | F 6024 | 35 | 432 | 86.5 | 3.2 | 35.8 | 5.5 | 2.9 | 2.0 | 1.8 | 5.1 | 1.8 | 3.6 |
| ALL NON- MEDICAL CAUSES | M 2733 | 512 | 1563 | 91.5 | 42.6 | 127.7 | 5.2 | 2.0 | 3.3 | 40.3 | 89.4 | 82.0 | 75.8 |
| | F 1267 | 141 | 451 | 30.4 | 12.4 | 35.9 | 3.4 | 2.9 | 0.7 | 10.9 | 20.9 | 24.9 | 22.9 |
| Road traffic accidents | M 196 | 68 | 92 | 7.1 | 5.7 | 7.6 | - | 0.7 | 0.7 | 15.8 | 10.3 | 8.4 | 4.0 |
| | F 69 | 21 | 28 | 2.2 | 1.9 | 2.3 | 1.4 | 1.4 | 0.7 | 2.4 | 1.9 | 3.6 | 1.8 |
| Fire | M 52 | 5 | 35 | 1.7 | 0.4 | 3.0 | - | - | 0.7 | - | - | 2.2 | - |
| | F 27 | 2 | 13 | 0.7 | 0.2 | 1.0 | 0.7 | - | - | - | - | 0.6 | - |
| Suicide | M 716 | 225 | 414 | 25.7 | 18.7 | 33.4 | - | - | 0.7 | 17.5 | 45.3 | 33.2 | 34.2 |
| | F 235 | 67 | 134 | 8.1 | 5.8 | 10.5 | - | - | - | 5.5 | 13.3 | 11.3 | 10.8 |
| POPULATION: (1000s; UN, 2015 revision) | M=male F=female | | | 2633.9 | 1143.0 | 1234.0 | 153.0 | 146.9 | 152.8 | 171.4 | 165.5 | 177.9 | 175.5 |
| | | | | 2733.8 | 1090.6 | 1240.4 | 146.7 | 139.9 | 146.7 | 165.0 | 158.0 | 168.3 | 166.0 |

2010: FINLAND

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 | | | |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|---------|---|---------------------------------------|--|
| 148.0 | 218.1 | 343.6 | 564.5 | 899.2 | 1274.2 | 1943.7 | 2801.4 | 4805.5 | 11601.2 | M | ALL CAUSES | 001–999/A00–Y89 |
| 56.8 | 98.0 | 165.8 | 271.4 | 377.7 | 552.9 | 871.6 | 1361.2 | 2616.1 | 9506.4 | F | Tuberculosis | 010–018, 137/ A15–A19, B90 |
| — | — | 0.5 | — | 0.5 | 1.0 | — | 2.9 | 1.3 | 16.3 | F | Other infective and parasitic | Rest of 001–139, 279, 58/6/ rest of A00–B99 excl A33, A34 |
| 0.6 | — | 4.2 | 2.1 | 6.8 | 4.9 | 14.6 | 15.6 | 30.8 | 100.5 | M | | |
| 0.7 | — | 2.7 | 2.1 | 2.6 | 4.3 | 6.6 | 14.4 | 16.2 | 79.8 | F | | |
| 10.2 | 25.9 | 54.5 | 114.6 | 221.1 | 396.2 | 650.9 | 887.4 | 1371.9 | 2157.2 | M | ALL CANCER | 140–208/C00–C97 |
| 21.4 | 38.2 | 64.2 | 113.9 | 170.3 | 265.5 | 408.3 | 566.8 | 767.4 | 1174.7 | F | | |
| — | 1.1 | 2.1 | 6.9 | 5.2 | 13.8 | 17.8 | 13.6 | 10.7 | 22.6 | M | Mouth and pharynx cancer | 140–149/C00–C14 |
| 0.7 | 1.1 | 1.1 | — | 3.1 | 4.8 | 5.9 | 4.0 | 8.6 | 16.8 | F | Oesophagus cancer | 150/C15 |
| — | 2.2 | 3.7 | 4.2 | 10.0 | 14.8 | 19.4 | 24.4 | 29.5 | 41.5 | M | | |
| — | 1.1 | 1.1 | — | 1.0 | 2.4 | 6.6 | 11.2 | 15.2 | 18.5 | F | | |
| 0.6 | 3.9 | 5.8 | 6.9 | 11.0 | 20.3 | 29.1 | 46.8 | 53.6 | 89.2 | M | Stomach cancer | 151/C16 |
| 2.0 | 1.1 | 2.1 | 1.6 | 5.7 | 8.6 | 13.9 | 27.3 | 18.1 | 48.6 | F | | |
| 0.6 | 1.7 | 5.2 | 10.6 | 18.9 | 31.1 | 54.2 | 97.4 | 156.8 | 216.1 | M | Colorectal cancer | 153, 154/C18–C21 |
| 3.3 | 1.7 | 8.6 | 5.8 | 15.4 | 16.2 | 27.1 | 61.7 | 63.7 | 153.8 | F | | |
| — | 1.1 | 1.1 | 2.1 | 8.4 | 13.8 | 24.3 | 30.2 | 44.2 | 66.6 | M | Liver cancer | 155.0/C22 excl C221 |
| — | 0.6 | — | 0.5 | 2.6 | 3.3 | 4.4 | 12.8 | 23.8 | 26.6 | F | | |
| 0.6 | 2.2 | 5.2 | 11.7 | 24.1 | 36.1 | 70.4 | 77.0 | 101.8 | 123.1 | M | Pancreas cancer | 157/C25 |
| 0.7 | — | 1.1 | 11.2 | 12.9 | 28.2 | 32.2 | 56.1 | 75.1 | 113.4 | F | | |
| — | — | 0.5 | — | 3.1 | 3.5 | 5.7 | 5.8 | 6.7 | 11.3 | M | Larynx cancer | 161/C32 |
| 1.3 | 1.1 | 9.4 | 26.0 | 60.3 | 122.0 | 192.7 | 247.4 | 356.4 | 444.8 | M | Lung cancer | 162/C33, C34 |
| — | 1.7 | 7.0 | 11.7 | 21.1 | 46.8 | 74.8 | 77.0 | 101.8 | 107.0 | F | | |
| 0.6 | 0.6 | 3.7 | 4.2 | 6.3 | 8.9 | 12.1 | 19.5 | 16.1 | 30.1 | M | Malignant melanoma | 172/C43 |
| — | 1.1 | 2.1 | 2.7 | 3.6 | 0.5 | 5.1 | 8.8 | 7.6 | 14.5 | F | | |
| 8.0 | 13.7 | 19.8 | 39.4 | 41.2 | 54.9 | 68.9 | 85.0 | 110.3 | 129.0 | F | Female breast cancer | 174/C50 |
| 0.7 | 2.3 | 0.5 | 1.6 | 1.5 | 3.3 | 2.9 | 4.0 | 7.6 | 8.1 | F | Cervix cancer | 180/C53 |
| — | 1.1 | 1.6 | 1.6 | 6.7 | 6.7 | 16.1 | 21.6 | 35.2 | 39.3 | F | Other uterine cancer | 179, 182/C54, C55 |
| — | 3.4 | 4.3 | 12.2 | 13.9 | 27.2 | 35.9 | 48.1 | 59.0 | 53.8 | F | Ovarian cancer | 183/C56, C570–C574 |
| — | 0.6 | 0.5 | 3.7 | 9.4 | 26.7 | 59.1 | 113.0 | 223.7 | 512.6 | M | Prostate cancer | 185/C61 |
| — | — | 1.1 | 2.1 | 2.6 | 8.4 | 14.6 | 26.3 | 38.9 | 103.0 | M | Bladder cancer | 188/C67 |
| — | 0.6 | — | 0.5 | 1.0 | 1.4 | 4.4 | 4.0 | 5.7 | 25.4 | F | | |
| 5.7 | 8.3 | 11.5 | 26.5 | 46.1 | 67.2 | 98.8 | 121.8 | 192.9 | 278.9 | M | Other and ill-defined | Rest of 140–199/ rest of C00–C80, C97 |
| 5.3 | 8.0 | 11.2 | 20.8 | 28.8 | 45.4 | 73.3 | 90.6 | 150.2 | 282.8 | F | Hodgkin's disease | 201/C81 |
| — | — | — | 0.5 | 0.5 | 2.0 | 0.8 | 1.9 | 2.7 | 2.5 | M | | |
| — | — | 0.5 | — | — | 0.5 | — | 1.6 | 0.9 | 0.6 | F | | |
| — | 2.2 | 1.6 | 6.9 | 11.0 | 19.8 | 38.9 | 40.9 | 91.1 | 148.2 | M | Myeloma and non– Hodgkin lymphomas | 200, 202–203/ C82–C90, C96 |
| — | — | 2.1 | 3.7 | 7.2 | 11.9 | 26.4 | 36.9 | 59.9 | 104.1 | F | | |
| 0.6 | 1.1 | 3.1 | 2.1 | 4.2 | 7.9 | 12.9 | 21.4 | 46.9 | 66.6 | M | Leukaemia | 204–208/C91–C95 |
| 0.7 | 0.6 | 1.1 | 0.5 | 4.6 | 3.3 | 10.3 | 14.4 | 24.7 | 30.6 | F | | |
| 0.6 | 5.5 | 7.9 | 7.4 | 15.7 | 13.8 | 20.2 | 29.2 | 44.2 | 66.6 | M | Diabetes | 250/E10–E14 |
| 2.0 | 2.3 | 2.1 | 3.7 | 6.7 | 6.2 | 8.1 | 11.2 | 24.7 | 65.4 | F | | |
| 17.9 | 37.0 | 73.9 | 160.2 | 297.1 | 456.5 | 735.1 | 1121.1 | 2037.7 | 5455.1 | M | ALL VASCULAR | 390–459/I00–I99 |
| 5.3 | 12.0 | 21.4 | 40.4 | 67.9 | 110.3 | 214.1 | 396.0 | 1044.2 | 4731.8 | F | DISEASE | |
| — | — | — | 0.5 | — | — | 0.8 | 6.8 | 2.7 | 3.8 | M | Rheumatic heart | 390–398/I00–I09 |
| — | — | — | — | — | — | 1.5 | 4.0 | 6.7 | 17.4 | F | disease and fever | |
| 1.3 | 1.7 | 4.7 | 12.7 | 17.8 | 20.3 | 25.1 | 29.2 | 50.9 | 164.6 | M | Hypertensive disease | 401–405/I10–I15 |
| — | — | 0.5 | 2.7 | 6.2 | 7.2 | 6.6 | 18.4 | 42.8 | 285.7 | F | | |
| 6.4 | 9.4 | 29.3 | 87.0 | 169.2 | 274.2 | 459.8 | 719.8 | 1268.7 | 3496.4 | M | Ischaemic heart | 410–414/I20–I25 |
| — | 4.6 | 4.3 | 11.2 | 22.6 | 49.7 | 102.6 | 194.0 | 556.3 | 2571.5 | F | disease | |
| 0.6 | 2.8 | 3.1 | 0.5 | 8.4 | 5.4 | 8.9 | 15.6 | 26.8 | 50.2 | M | Pulmonary embolism | 415.1, 451–453/ I26, 180–182 |
| 1.3 | 2.9 | 2.7 | 2.1 | 3.1 | 5.2 | 7.3 | 12.0 | 29.5 | 60.1 | F | and other venous | |
| 2.5 | 8.3 | 8.9 | 20.2 | 36.7 | 64.7 | 107.7 | 166.6 | 416.6 | 1007.6 | M | Cerebrovascular | 430–438/I60–I69 |
| 2.0 | 2.3 | 8.6 | 18.1 | 19.0 | 25.3 | 52.8 | 101.8 | 269.1 | 1100.7 | F | disease | |
| 7.0 | 14.9 | 27.8 | 39.3 | 65.0 | 91.9 | 132.8 | 183.1 | 272.0 | 732.5 | M | Other vascular | Rest of 390–459/ rest of I00–I99 |
| 2.0 | 2.3 | 5.3 | 6.4 | 17.0 | 22.9 | 43.2 | 65.7 | 139.8 | 696.4 | F | disease | |
| — | 1.1 | 1.6 | 4.8 | 11.0 | 26.2 | 51.8 | 110.1 | 207.7 | 471.1 | M | Chronic obstructive | 490–496/ J40–J47, J67 |
| — | 1.1 | 0.5 | 4.8 | 7.7 | 13.4 | 27.9 | 37.7 | 62.8 | 108.7 | F | pulmonary disease | |
| 1.9 | 2.2 | 1.6 | 5.3 | 12.6 | 16.3 | 29.9 | 46.8 | 81.7 | 242.5 | M | Other respiratory | Rest of 460–519/ rest of J00–J98 |
| 0.7 | 1.1 | 3.7 | 2.7 | 6.7 | 6.7 | 8.8 | 20.8 | 26.6 | 151.5 | F | disease | |
| — | 1.1 | 2.1 | 4.8 | 4.7 | 7.4 | 5.7 | 12.7 | 22.8 | 20.1 | M | Peptic ulcer | 531–533/K25–K27 |
| — | 0.6 | 1.1 | 1.1 | 0.5 | 4.3 | 8.8 | 5.6 | 3.8 | 25.4 | F | | |
| 9.6 | 21.0 | 46.6 | 71.1 | 94.8 | 99.3 | 79.3 | 55.5 | 54.9 | 30.1 | M | Liver cirrhosis | 571/K70, K74 |
| 2.0 | 6.3 | 16.6 | 22.9 | 23.1 | 29.1 | 33.7 | 16.0 | 17.1 | 13.9 | F | | |
| 0.6 | — | 0.5 | 1.6 | 1.6 | 1.5 | 2.4 | 5.8 | 24.1 | 94.2 | M | Renal disease | 580–590/N00–N19 |
| — | — | 1.1 | 1.1 | 1.0 | 0.9 | 2.2 | 6.4 | 10.5 | 99.5 | F | | |
| — | 0.6 | — | — | — | — | — | — | — | — | F | Pregnancy, birth | 630–676/A34,000–O99 |
| — | 1.1 | 2.1 | 2.6 | 3.7 | 4.5 | 0.8 | 1.9 | 4.0 | 3.8 | M | Congenital and | 740–779/A33, P00–P96, Q00–Q99 |
| — | 0.6 | 1.6 | 4.8 | 2.6 | 4.3 | 1.5 | 4.0 | 5.7 | 5.2 | F | perinatal causes | |
| 8.3 | 7.7 | 2.6 | 11.7 | 6.3 | 10.9 | 11.3 | 8.8 | 16.1 | 21.4 | M | III-defined causes | 780–799/R00–R99 |
| 1.3 | 1.1 | 4.8 | 6.4 | 5.7 | 4.3 | 6.6 | 4.8 | 6.7 | 15.0 | F | | |
| 7.7 | 21.0 | 29.9 | 44.0 | 74.9 | 96.8 | 170.0 | 353.6 | 716.8 | 2468.8 | M | Other medical causes | Rest of 001–799/ rest of A00–R99 |
| 9.4 | 10.8 | 15.0 | 20.2 | 39.6 | 60.2 | 95.3 | 214.0 | 538.2 | 2732.3 | F | | |
| 90.6 | 94.4 | 115.8 | 134.2 | 148.3 | 138.8 | 171.6 | 150.0 | 191.6 | 453.6 | M | ALL NON– MEDICAL CAUSES | E800–E999/V01–Y89 |
| 14.0 | 23.4 | 31.0 | 47.4 | 43.2 | 43.5 | 49.1 | 62.5 | 87.5 | 292.1 | F | | |
| 8.3 | 11.6 | 9.4 | 5.3 | 7.9 | 2.5 | 8.1 | 16.6 | 10.7 | 13.8 | M | Road traffic | E810–E819, E826–E829/ part of V01–V99, Y850 |
| 1.3 | 0.6 | 3.2 | 4.3 | 0.5 | 2.4 | 3.7 | 4.8 | 5.7 | 4.6 | F | accidents | |
| 0.6 | 1.7 | 2.6 | 3.7 | 1.6 | 3.5 | 7.3 | 2.9 | 6.7 | 5.0 | M | Fire | E890–E899/X00–X09 |
| — | 1.1 | 2.1 | — | 1.0 | 2.4 | — | 1.6 | 3.8 | 3.5 | F | | |
| 31.9 | 27.6 | 40.9 | 32.9 | 38.8 | 29.6 | 32.4 | 24.4 | 29.5 | 37.7 | M | Suicide | E950–E959/X60–X84 |
| 6.0 | 10.2 | 12.3 | 13.8 | 14.4 | 9.6 | 7.3 | 8.8 | 9.5 | 7.5 | F | | |
| 156.8 | 181.1 | 190.9 | 188.5 | 190.8 | 202.4 | 123.5 | 102.7 | 74.6 | 79.6 | M | POPULATION | |
| 149.6 | 175.6 | 187.0 | 187.9 | 194.4 | 209.4 | 136.4 | 124.7 | 105.2 | 172.9 | F | (1000s; UN, 2015 revision) | |

FINLAND: 2010**Relative importance of deaths in MIDDLE age (35–69) in the year 2010**

| Age range (years) | Deaths attributed to SMOKING /total deaths (thousands) | | Mean years lost PER DEATH FROM SMOKING |
|-------------------|--|-----------|--|
| | Male | Female | |
| 0–34 | – / 0.8 | – / 0.3 | – |
| 35–69 | 1.7 / 9.0 | 0.4 / 4.2 | 21 years |
| 70+ | 2.6 / 15 | 1.4 / 21 | 7 years |
| All ages | 4.2 / 25 | 1.8 / 25 | 12 years |

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

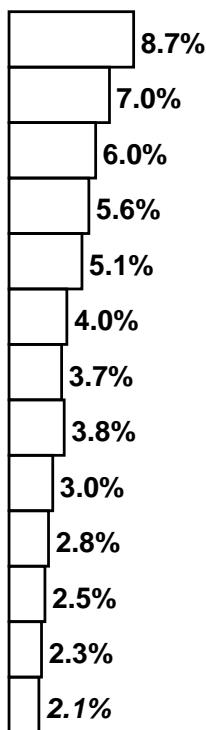
| Cause | Male (by age) | | | | Female (by age) | | | |
|-------------|---------------|------------------|------------------|---------|-----------------|------------------|-----------------|---------|
| | 0–34 | 35–69 | 70+ | All | 0–34 | 35–69 | 70+ | All |
| Lung Cancer | –/0.0 | 0.5/0.6 | 0.7/0.8 | 1.2/1.4 | –/0.0 | 0.2/0.3 | 0.2/0.4 | 0.4/0.7 |
| All Cancer | –/0.1 | 0.7/2.3 (31%) | 1.0/3.6 (27%) | 1.7/6.0 | –/0.0 | 0.2/1.9 (10%) | 0.3/3.5 (9%) | 0.5/5.4 |
| Vascular | –/0.0 | 0.7/2.9 | 0.9/6.9 | 1.6/9.8 | –/0.0 | 0.1/0.8 | 0.7/9.7 | 0.8/11 |
| Respiratory | –/0.0 | 0.1/0.3 | 0.4/1.0 | 0.6/1.3 | –/0.0 | 0.1/0.1 | 0.2/0.6 | 0.2/0.8 |
| All Other | –/0.7 | 0.1/3.5 | 0.2/4.0 | 0.4/8.2 | –/0.3 | 0.1/1.4 | 0.2/6.9 | 0.3/8.5 |
| All Causes | –/0.8 | 1.7/9.0 (19%) | 2.6/15 (17%) | 4.2/25 | –/0.3 | 0.4/4.2 (11%) | 1.4/21 (7%) | 1.8/25 |

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

| Cause | Male | Female | Male + Female |
|------------|--------------------|--------------------|-------------------|
| All Cancer | 1.7 / 6.0 (28%) | 0.5 / 5.4 (10%) | 2.2 / 11 (19%) |
| All Causes | 4.2 / 25 (17%) | 1.8 / 25 (7%) | 6.1 / 50 (12%) |

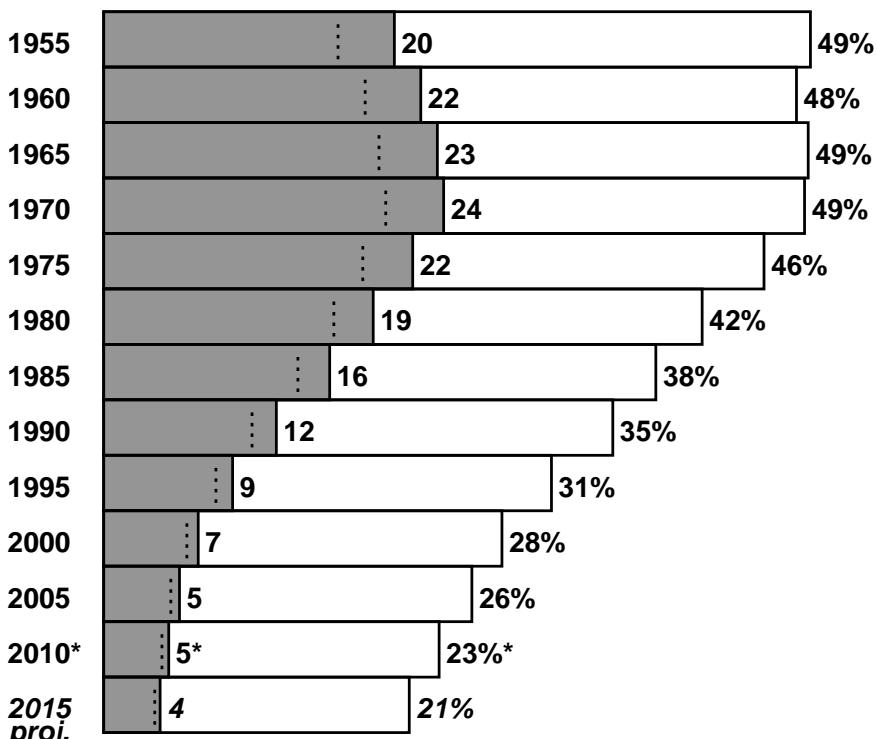
1955-2015: FINLAND

**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)**

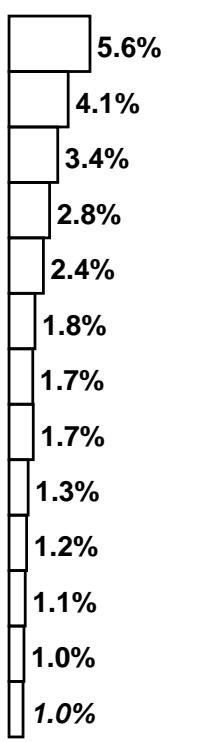
MALE



*eg, at year 2010 male death rates, out of 100 men aged 35, 23 would die before age 70 (with 5 of these deaths attributed to smoking)

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

FEMALE



Real risk too low to estimate reliably

FINLAND: 1950-2015***Relative importance of deaths in MIDDLE age (35–69), 2015 projections***

| Age range (years) | Deaths attributed to SMOKING /total deaths (thousands) | | Mean years lost PER DEATH FROM SMOKING |
|----------------------|---|-----------|--|
| | Male | Female | |
| 0–34 | – / 0.7 | – / 0.3 | – |
| 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)

| Year | Male (by age) | | | | Female (by age) | | | |
|---------------|---------------|-------------------------|-------------------------|--------|-----------------|-------------------------|-----------------------|--------|
| | 0–34 | 35–69 | 70+ | All | 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 proj. | –/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 |

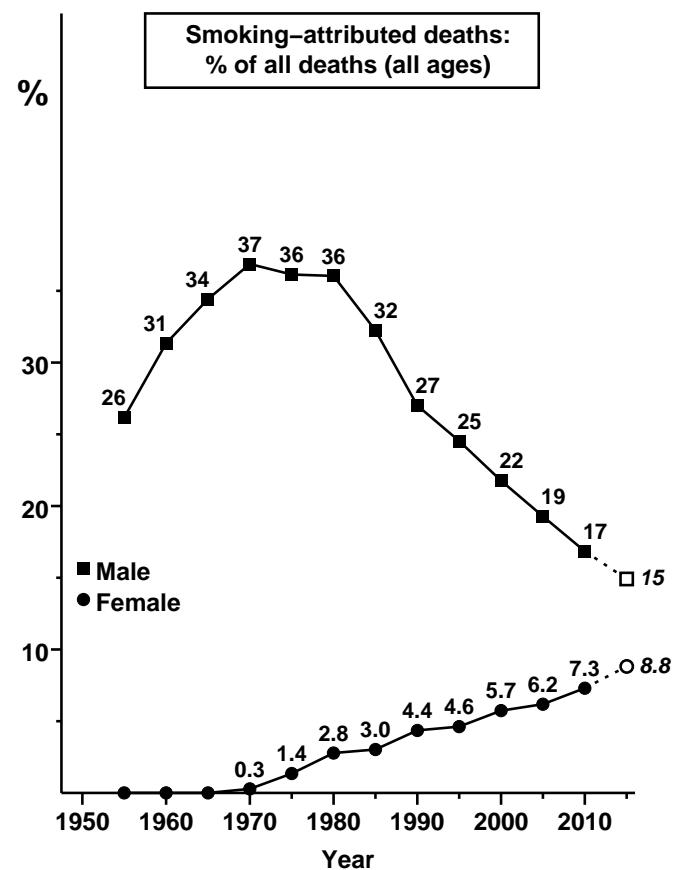
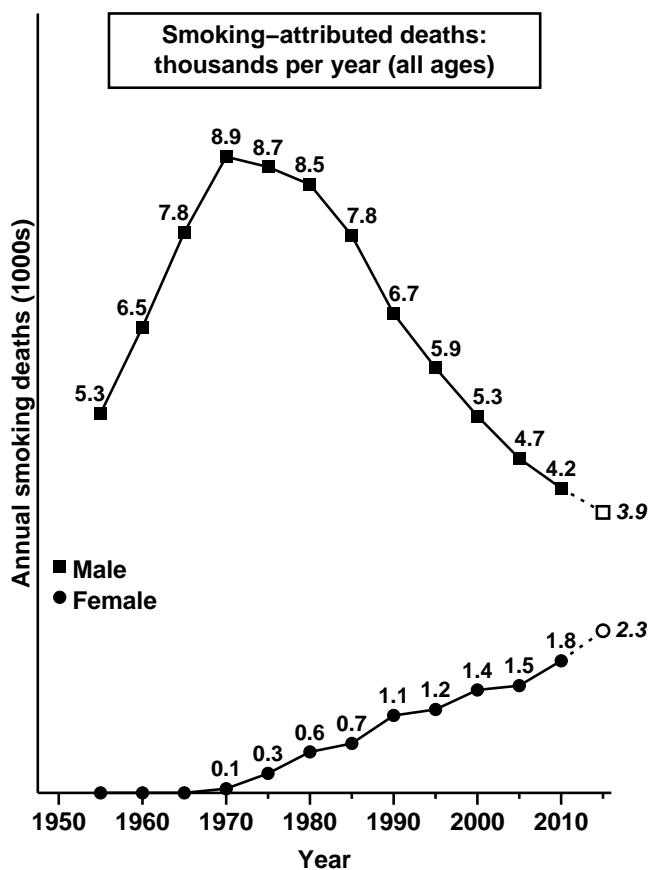
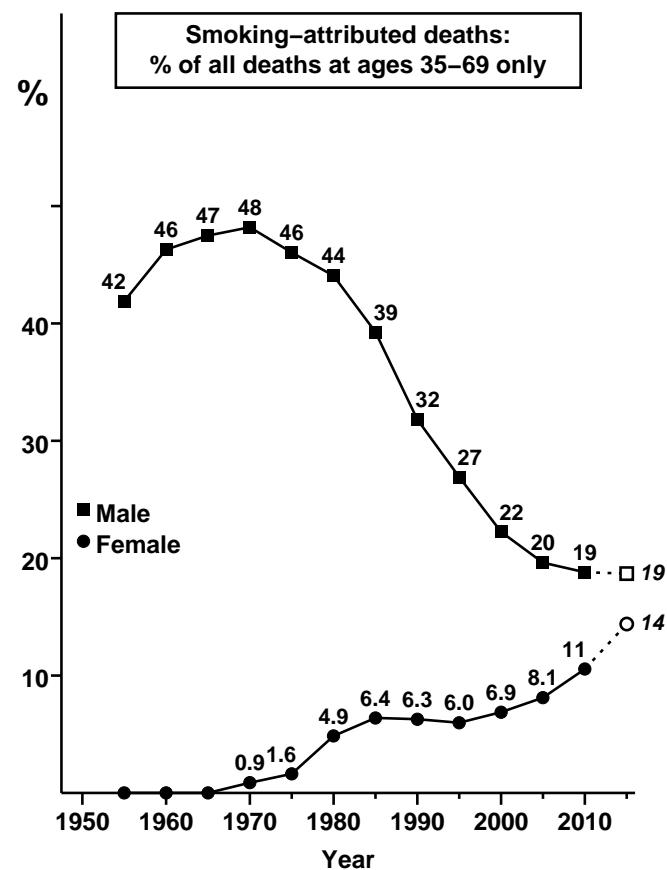
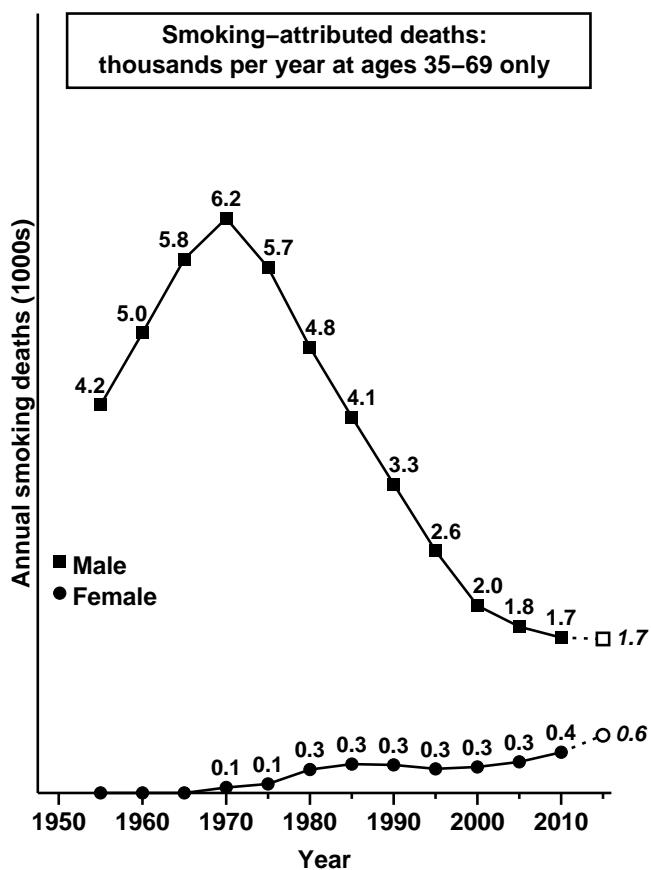
60-year total (thousands), decade of 1960s to decade of 2010s (1960–2020*): 447 / 2839

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

1960–2020, by age & sex:

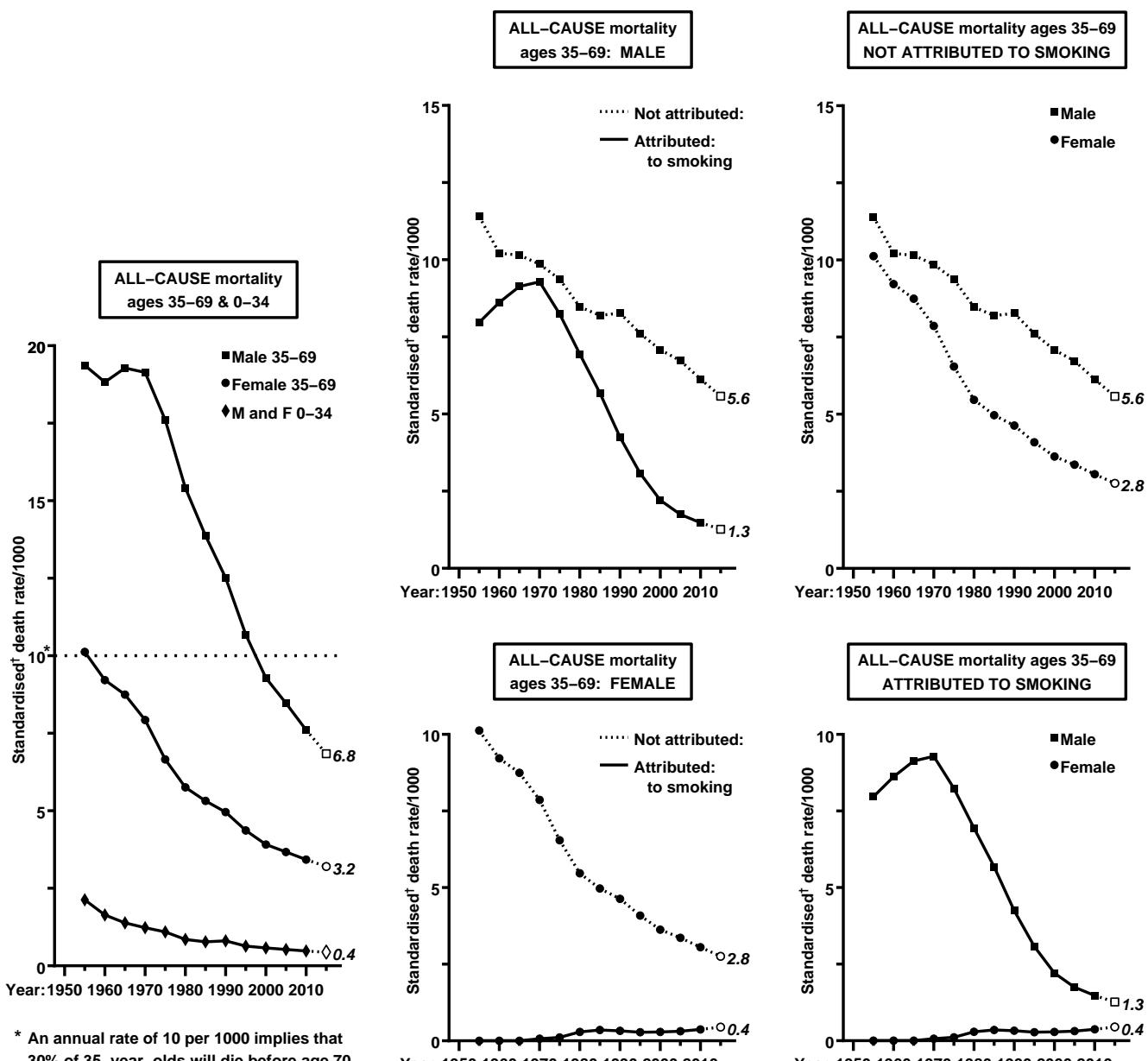
| | | | | | | | |
|------|-------------------------|-------------------------|----------|------|-----------------------|------------------------|---------|
| –/83 | 217/628 (34%) | 172/744 (23%) | 388/1455 | –/38 | 16/307 (5%) | 42/1038 (4%) | 59/1383 |
|------|-------------------------|-------------------------|----------|------|-----------------------|--------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

1955-2015: FINLAND



FINLAND: 1955-2015

ALL-CAUSE mortality rates attributed and not attributed to smoking

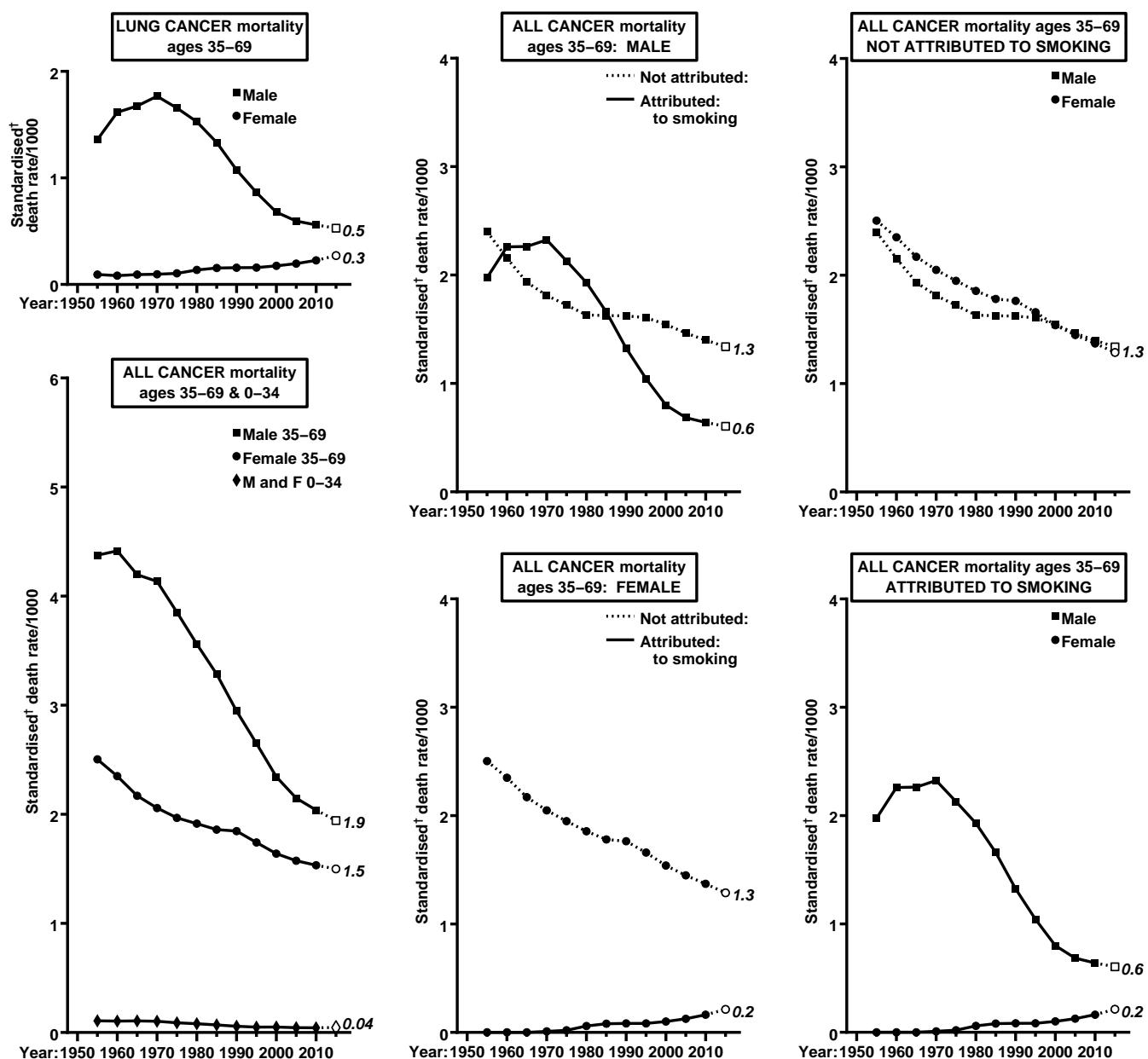
[†] Mean of 7 age-specific rates, ages 35–69 (or ages 0–34)

| Year | Attributed to smoking? | MALE 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 | | – | 2.59 | 7.97 | 11.4 | 16.3 | 77.0 | – | 1.66 | 0.00 | 10.1 | 0.00 | 71.9 |
| 1960 | | – | 2.07 | 8.62 | 10.2 | 20.1 | 70.3 | – | 1.20 | 0.00 | 9.21 | 0.00 | 69.0 |
| 1965 | | – | 1.78 | 9.13 | 10.1 | 24.0 | 68.0 | – | 0.99 | 0.00 | 8.74 | 0.00 | 67.3 |
| 1970 | | – | 1.63 | 9.28 | 9.85 | 27.5 | 62.3 | – | 0.82 | 0.06 | 7.86 | 0.00 | 61.1 |
| 1975 | | – | 1.49 | 8.24 | 9.36 | 26.7 | 56.1 | – | 0.69 | 0.11 | 6.54 | 0.68 | 48.8 |
| 1980 | | – | 1.17 | 6.94 | 8.47 | 26.6 | 49.4 | – | 0.52 | 0.29 | 5.46 | 1.07 | 41.2 |
| 1985 | | – | 1.07 | 5.68 | 8.19 | 23.0 | 48.7 | – | 0.48 | 0.35 | 4.97 | 1.18 | 38.1 |
| 1990 | | – | 1.12 | 4.24 | 8.27 | 19.3 | 47.1 | – | 0.49 | 0.32 | 4.63 | 1.89 | 34.8 |
| 1995 | | – | 0.88 | 3.08 | 7.60 | 16.5 | 43.0 | – | 0.38 | 0.28 | 4.09 | 1.78 | 30.2 |
| 2000 | | – | 0.80 | 2.20 | 7.08 | 13.4 | 38.5 | – | 0.35 | 0.29 | 3.62 | 1.98 | 25.2 |
| 2005 | | – | 0.72 | 1.74 | 6.72 | 9.85 | 33.7 | – | 0.32 | 0.31 | 3.36 | 1.66 | 20.5 |
| 2010 | | – | 0.65 | 1.47 | 6.13 | 7.25 | 30.6 | – | 0.30 | 0.37 | 3.05 | 1.87 | 17.8 |
| 2015 | | – | 0.60 | 1.26 | 5.58 | 5.32 | 27.5 | – | 0.28 | 0.44 | 2.76 | 2.10 | 15.3 |

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

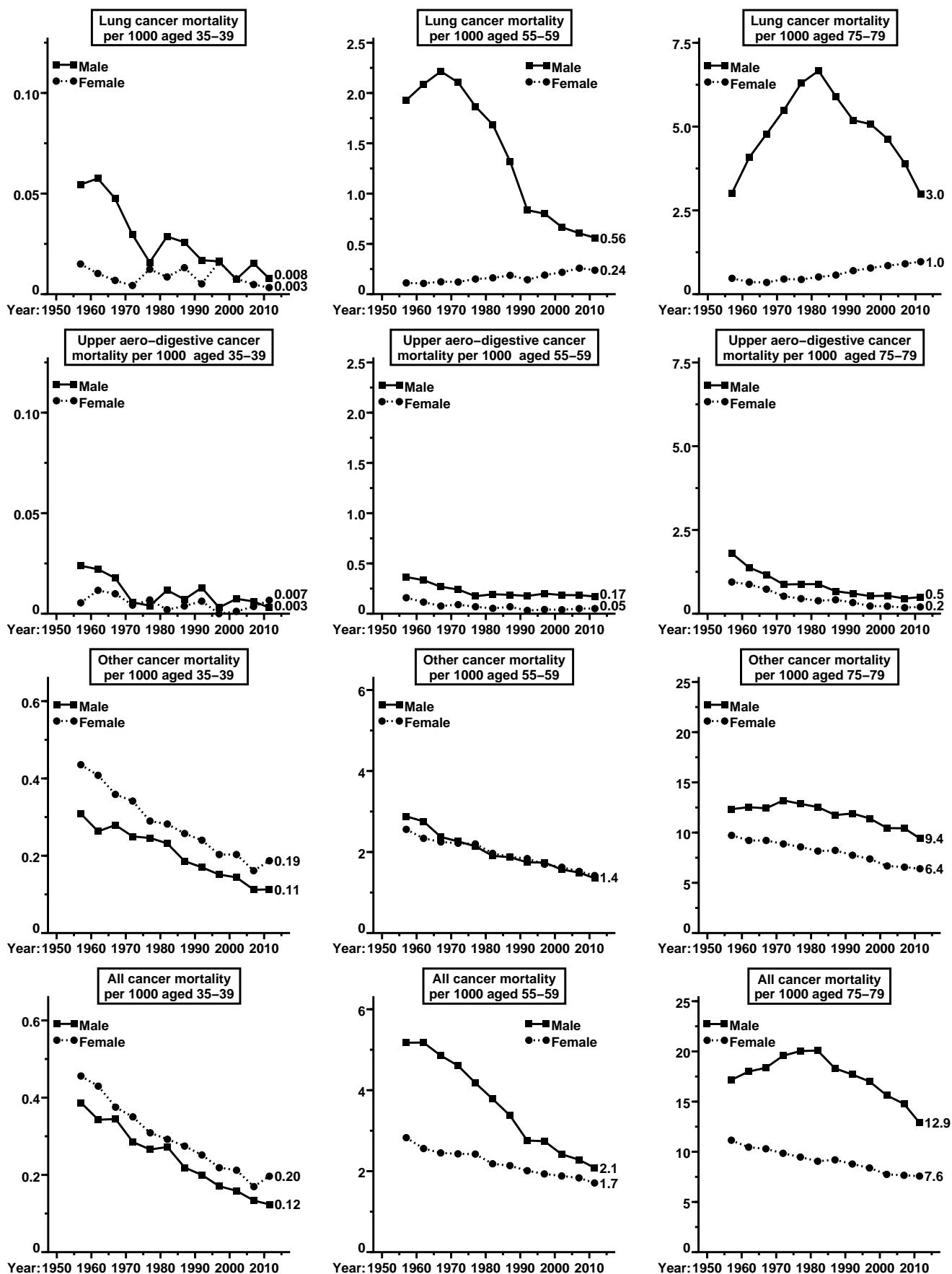
1955-2015: FINLAND

ALL CANCER mortality rates attributed and not attributed to smoking



| Year | MALE cancer mortality (annual rate/1000, by age) | | | | | | FEMALE cancer mortality (annual rate/1000, by age) | | | | | | | |
|------|--|------|------|-------|------|-------|--|-----|------|------|-------|------|-------|-----|
| | Attributed to smoking? | 0–34 | | 35–69 | | 70–79 | | Yes | 0–34 | | 35–69 | | 70–79 | |
| | | Yes | No | Yes | No | Yes | No | | Yes | No | Yes | No | Yes | No |
| 1950 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 1955 | - | 0.11 | 1.98 | 2.40 | 4.26 | 11.7 | ... | - | 0.10 | 0.00 | 2.50 | 0.00 | 9.91 | ... |
| 1960 | - | 0.11 | 2.26 | 2.16 | 5.36 | 11.0 | - | - | 0.10 | 0.00 | 2.35 | 0.00 | 9.33 | - |
| 1965 | - | 0.11 | 2.26 | 1.93 | 6.22 | 10.4 | - | - | 0.10 | 0.00 | 2.17 | 0.00 | 9.11 | - |
| 1970 | - | 0.11 | 2.32 | 1.81 | 7.40 | 10.1 | - | - | 0.09 | 0.01 | 2.05 | 0.00 | 8.63 | - |
| 1975 | - | 0.10 | 2.13 | 1.72 | 7.68 | 9.82 | - | - | 0.08 | 0.02 | 1.95 | 0.12 | 7.94 | - |
| 1980 | - | 0.09 | 1.93 | 1.63 | 8.36 | 9.25 | - | - | 0.07 | 0.06 | 1.86 | 0.21 | 7.67 | - |
| 1985 | - | 0.07 | 1.66 | 1.63 | 7.33 | 9.25 | - | - | 0.06 | 0.08 | 1.78 | 0.23 | 7.63 | - |
| 1990 | - | 0.06 | 1.32 | 1.62 | 6.46 | 9.13 | - | - | 0.06 | 0.08 | 1.76 | 0.43 | 7.24 | - |
| 1995 | - | 0.05 | 1.04 | 1.61 | 5.90 | 9.06 | - | - | 0.05 | 0.08 | 1.66 | 0.45 | 6.92 | - |
| 2000 | - | 0.05 | 0.80 | 1.54 | 5.10 | 8.65 | - | - | 0.04 | 0.10 | 1.54 | 0.57 | 6.43 | - |
| 2005 | - | 0.04 | 0.68 | 1.46 | 4.19 | 8.30 | - | - | 0.04 | 0.13 | 1.45 | 0.57 | 5.94 | - |
| 2010 | - | 0.05 | 0.64 | 1.40 | 3.30 | 7.96 | - | - | 0.04 | 0.16 | 1.37 | 0.73 | 5.87 | - |
| 2015 | - | 0.05 | 0.60 | 1.34 | 2.59 | 7.57 | - | - | 0.04 | 0.21 | 1.29 | 0.91 | 5.77 | - |

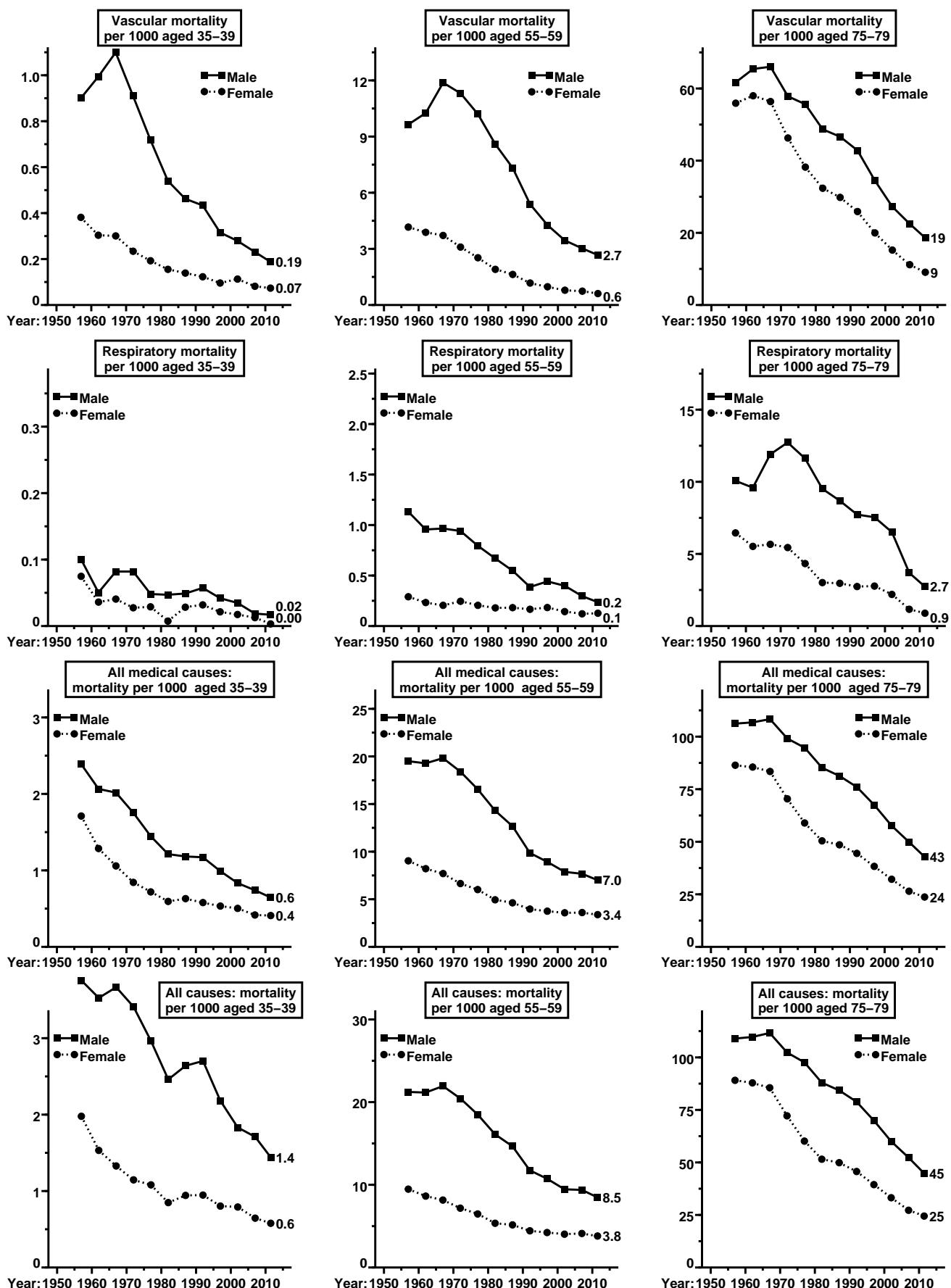
0–34 and 35–69 = means of 7 age-specific rates; 70–79 = mean of 2 rates (70–74 & 75–79)

FINLAND: 1955-2013**Mortality* trends at selected ages: 35-39, 55-59 & 75-79**

* Annual mortality per 1000: averages of years available in 1955-59,...,2005-09; then 4-year average 2010-13

1955-2013: FINLAND

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



* Annual mortality per 1000: averages of years available in 1955-59,...,2005-09; then 4-year average 2010-13