**Supplementary Table 2. Mortality rate (95 % confidence interval) by fatty liver disease category**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cause of death | No EAC / no FLD (N = 297,417;4689041.9 PY) | EAC / no FLD (N = 31,719;436451.1 PY) | NAFLD (N = 91,392;1704177.3 PY) | AFLD (N = 17,300;269115.3 PY) |
| No. of events | Mortality rate(per 105 PY) | No. of events | Mortality rate(per 105 PY) | No. of events | Mortality rate(per 105 PY) | No. of events | Mortality rate(per 105 PY) |
| All-cause mortality | 1,793 | 83.0 (79.3-87.0) | 339 | 170.3 (153.1-189.5) | 738 | 108.3 (100.8-116.4) | 186 | 176.0 (152.4-203.2) |
| CVD (I00-I99) | 235 | 10.9 (9.6-12.4) | 45 | 22.6 (16.9-30.3) | 134 | 19.7 (16.6-23.3) | 40 | 37.9 (27.8-51.6) |
|  Ischemic heart disease (I20-I25) | 76 | 3.5 (2.8-4.4) | 18 | 9.0 (5.7-14.4) | 39 | 5.7 (4.2-7.8) | 8 | 7.6 (3.8-15.1) |
|  Cerebrovascular disease (I60-I69) | 92 | 4.3 (3.5-5.2) | 16 | 8.0 (4.9-13.1) | 60 | 8.8 (6.8-11.3) | 19 | 18.0 (11.5-28.2) |
| Malignant neoplasms (C00-C97, D00-D48) | 871 | 40.3 (37.7-43.1) | 133 | 66.8 (56.4-79.2) | 313 | 45.9 (41.1-51.3) | 67 | 63.4 (49.9-80.6) |
|  Digestive cancer (C15-C26) | 345 | 16.0 (14.4-17.8) | 64 | 32.2 (25.2-41.1) | 148 | 21.7 (18.5-25.5) | 39 | 36.9 (27.0-50.5) |
|  Stomach cancer (C16) | 218 | 4.6 (4.1-5.3) | 17 | 3.9 (2.4-6.3) | 74 | 4.3 (3.5-5.5) | 13 | 4.8 (2.8-8.3) |
|  Colorectal cancer (C18-C20) | 65 | 3.0 (2.4-3.8) | 15 | 7.5 (4.5-12.5) | 36 | 5.3 (3.8-7.3) | 5 | 4.7 (2.0-11.4) |
|  Hepatobiliary cancer (C22.0-C24.9) | 77 | 3.6 (2.9-4.5) | 16 | 8.0 (4.9-13.1) | 33 | 4.8 (3.4-6.8) | 9 | 8.5 (4.4-16.4) |
|  Pancreas cancer (C25) | 73 | 3.4 (2.7-4.3) | 13 | 6.5 (3.8-11.3) | 34 | 5.0 (3.6-7.0) | 12 | 11.4 (6.4-20.0) |
|  Lung cancer (C33, C34) | 215 | 10.0 (8.7-11.4) | 41 | 20.6 (15.2-28.0) | 87 | 12.8 (10.3-15.8) | 14 | 13.2 (7.8-22.4) |
|  Breast cancer (C50) | 39 | 1.8 (1.3-2.5) | 1 | 0.5 (0.1-3.6) | 13 | 1.9 (1.1-3.3) | 0 | - |
| Genitourinary (C64-C68) | 18 | 0.8 (0.5-1.3) | 1 | 0.5 (0.1-3.6) | 6 | 0.9 (0.4-2.0) | 0 | - |
|  Blood cancer (C81-C96) | 93 | 4.3 (3.5-5.3) | 14 | 7.0 (4.2-11.9) | 26 | 3.8 (2.6-5.6) | 6 | 5.7 (2.6-12.6) |
| Diabetes mellitus (E10-E14) | 28 | 1.3 (0.9-1.9) | 4 | 2.0 (0.8-5.4) | 18 | 2.6 (1.7-4.2) | 3 | 2.8 (0.9-8.8) |
| Respiratory disease (J00-J99) | 92 | 2.0 (1.6-2.4) | 26 | 6.0 (4.1-8.7) | 28 | 1.6 (1.1-2.4) | 4 | 1.5 (0.6-4.0) |
| Digestive disease (K00-K93) | 17 | 0.8 (0.5-1.3) | 14 | 7.0 (4.2-11.9) | 21 | 3.1 (2.0-4.7) | 12 | 11.4 (6.4-20.0) |
| Genitourinary system (N00-N99) | 18 | 0.8 (0.5-1.3) | 1 | 0.5 (0.1-3.6) | 9 | 1.3 (0.7-2.5) | 3 | 2.8 (0.9-8.8) |
| Injury and external causes (S00-Y98) | 366 | 16.9 (15.3-18.8) | 92 | 46.2 (37.7-56.7) | 153 | 22.5 (19.2-26.3) | 41 | 38.8 (28.6-52.7) |

Abbreviations: AFLD, alcoholic fatty liver disease; CVD, cardiovascular disease; EAC, excessive alcohol consumption; FLD, fatty liver disease; NAFLD, nonalcoholic fatty liver disease; PY, person-years.