Supplementary table 5: Standardized mortality rates [95% CI] and references rates, per 1000 patients-years

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Causes of death (2012 - 2017)** | | | | | | |
|  | **Oncologic** | **Cardiovascular** | **Neurologic** | **External injury** | **Psychiatric\*** | **Suicide** | **Respiratory** | **Other** |
| **(n=12296)** | **(n=3881)** | **(n=3586)** | **(n=3190)** | **(n=2263)** | **(n=1144)** | **(n=2020)** | **(n=7020)** |
| **Overall** | 2.91 [2.77; 3.05] | 0.97 [0.90; 1.05] | 1.01 [0.93; 1.09] | 0.78 [0.71; 0.85] | 0.55 [0.49; 0.61] | 0.28 [0.24; 0.33] | 0.48 [0.42; 0.53] | 1.16 [1.08; 1.25] |
| **By sex** |  |  |  |  |  |  |  |  |
| *Men* | 3.41 [3.21; 3.61] | 1.26 [1.14; 1.39] | 1.14 [1.03; 1.26] | 1.06 [0.95; 1.17] | 0.73 [0.64; 0.83] | 0.37 [0.31; 0.44] | 0.58 [0.50; 0.67] | 1.43 [1.31; 1.57] |
| *Women* | 2.42 [2.25; 2.61] | 0.69 [0.60; 0.79] | 0.87 [0.77; 0.99] | 0.50 [0.43; 0.59] | 0.37 [0.30; 0.44] | 0.20 [ 0.15; 0.26] | 0.38 [0.31; 0.46] | 0.90 [0.79; 1.01] |
| **By age** |  |  |  |  |  |  |  |  |
| *12 - 19 years* | 0.08 [0.01; 0.24] | 0.0 [0.0; 0.12] | 0.50 [0.28; 0.81] | 0.03 [0.0; 0.18] | 0.05 [0.0; 0.21] | 0.01 [0; 0.12] | 0.07 [0.01; 0.24] | 0.32 [0.15; 0.58] |
| *20 - 29 years* | 0.49 [0.35; 0.67] | 0.14 [0.07; 0.25] | 0.86 [0.66; 1.08] | 0.40 [0.28; 0.57] | 0.22 [0.13; 0.35] | 0.17 [0.09; 0.28] | 0.20 [0.11; 0.33] | 0.51 [0.36; 0.68] |
| *30 - 39 years* | 1.16 [0.97; 1.37] | 0.26 [0.17; 0.37] | 0.81 [0.65; 0.99] | 0.79 [0.63; 0.97] | 0.5 [0.38; 0.65] | 0.32 [0.22; 0.44] | 0.19 [0.12; 0.28] | 0.68 [0.53; 0.85] |
| *40 - 49 years* | 2.49 [2.25; 2.74] | 0.68 [0.56; 0.81] | 0.89 [0.75; 1.04] | 1.19 [1.03; 1.36] | 0.88 [0.74; 1.03] | 0.51 [0.40; 0.63] | 0.41 [0.32; 0.52] | 1.19 [1.03; 1.37] |
| *50 - 59 years* | 5.30 [4.98; 5.63] | 1.60 [1.42; 1.78] | 1.23 [1.08; 1.40] | 1.12 [0.98; 1.28] | 0.87 [0.75; 1.02] | 0.40 [0.31; 0.50] | 0.74 [0.62; 0.87] | 1.75 [1.57; 1.95] |
| *60 - 69 years* | 7.77 [6.92; 8.69] | 3.13 [2.60; 3.73] | 1.76 [1.36; 2.21] | 1.05 [0.75; 1.42] | 0.68 [0.44; 0.99] | 0.27 [0.13; 0.49] | 1.24 [0.91; 1.64] | 2.46 [2.00; 3.00] |
|  | ***Reference rates*** | | | | | | | |
| **Overall** | *1.28* | *0.4* | *0.1* | *0.33* | *0.22* | *0.15* | *0.16* | *0.56* |
| **By sex** |  |  |  |  |  |  |  |  |
| *Men* | *1.59* | *0.6* | *0.12* | *0.52* | *0.34* | *0.24* | *0.23* | *0.78* |
| *Women* | *0.97* | *0.21* | *0.08* | *0.15* | *0.1* | *0.07* | *0.09* | *0.34* |
| **By age** |  |  |  |  |  |  |  |  |
| *12 - 19 years* | *0.03* | *0.01* | *0.01* | *0.09* | *0.02* | *0.02* | *0.01* | *0.04* |
| *20 - 29 years* | *0.05* | *0.02* | *0.02* | *0.23* | *0.09* | *0.08* | *0.01* | *0.1* |
| *30 - 39 years* | *0.16* | *0.06* | *0.03* | *0.26* | *0.15* | *0.12* | *0.03* | *0.18* |
| *40 - 49 years* | *0.57* | *0.22* | *0.06* | *0.38* | *0.28* | *0.22* | *0.08* | *0.39* |
| *50 - 59 years* | *2.03* | *0.6* | *0.13* | *0.46* | *0.36* | *0.23* | *0.22* | *0.89* |
| *60 - 69 years* | *4.71* | *1.48* | *0.34* | *0.53* | *0.35* | *0.19* | *0.59* | *1.68* |