Supplementary Tables

Table 1: Hospitalisations for falls attributable to vitamin D deficiency: population attributable fractions calculated using bounds of the confidence intervals for effect estimates.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   | Observed Events | PAF lower bound (%)(ERR=0.17) | Excess Events | PAF upper bound (%)(ERR=0.76) | Excess Events |
| **Men** |  |  |  |  |  |
| <65 years | 7614 | 2.1 | 162 | 8.8 | 673 |
| ≥75 years | 22767 | 2.6 | 588 | 10.6 | 2412 |
| Total men | 30381 | 2.5 | 749 | 10.2 | 3085 |
| **Women** |  |  |  |  |  |
| <65 years | 12298 | 3.0 | 373 | 12.3 | 1507 |
| ≥75 years | 53527 | 4.0 | 2139 | 15.7 | 8396 |
| Total women | 65825 | 3.8 | 2511 | 15.0 | 9904 |
| **TOTAL MEN AND WOMEN** | 96206 | 3.4 | 3261 | 13.5 | 12989 |

Abbreviations: PAF=population attributable fraction; ERR=excess relative risk

Table 2: Hospitalisations for hip fractures attributable to vitamin D deficiency: population attributable fractions calculated using bounds of the confidence intervals for effect estimates.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Observed Events | PAF lower bound (%)(ERR=0.25) | Excess Events | PAF upper bound (%)(ERR=0.53) | Excess Events |
| **Men** |  |  |  |  |  |
| <65 years | 964 | 3.1 | 30 | 6.3 | 61 |
| ≥75 years | 4034 | 3.8 | 151 | 7.6 | 308 |
| Total men | 4998 | 3.6 | 181 | 7.4 | 369 |
| **Women** |   |  |  |  |  |
| <65 years | 1712 | 4.4 | 75 | 8.9 | 152 |
| ≥75 years | 10554 | 5.8 | 609 | 11.5 | 1214 |
| Total women | 12266 | 5.6 | 684 | 11.1 | 1366 |
| **TOTAL MEN AND WOMEN** | 17264  | 5.0 | 865 | 10.1 | 1735 |

Abbreviations: PAF=population attributable fraction; ERR=excess relative risk