|  | | **Female** | | | **Male** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Age group** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** |
| GAM Negative Binomial | 0 | -72 | -142 | -3 | -88 | -161 | -14 |
| 15 | 324 | 172 | 467 | 329 | 109 | 527 |
| 45 | 2,584 | 2,135 | 3,044 | 5,275 | 4,634 | 5,907 |
| 65 | 3,440 | 2,845 | 4,070 | 6,395 | 5,531 | 7,221 |
| 75 | 7,760 | 6,636 | 8,903 | 10,831 | 9,365 | 12,223 |
| 85 | 11,592 | 9,536 | 13,674 | 9,049 | 7,704 | 10,338 |
| GAM Poisson | 0 | -76 | -139 | -12 | -90 | -164 | -15 |
| 15 | 328 | 201 | 452 | 334 | 166 | 507 |
| 45 | 2,586 | 2,337 | 2,830 | 5,269 | 4,971 | 5,565 |
| 65 | 3,407 | 3,110 | 3,735 | 6,283 | 5,923 | 6,662 |
| 75 | 7,719 | 7,269 | 8,181 | 10,770 | 10,296 | 11,235 |
| 85 | 11,634 | 11,063 | 12,264 | 9,159 | 8,684 | 9,624 |
| GLM Poisson (Serfling) | 0 | -75 | -139 | -8 | -89 | -160 | -18 |
| 15 | 322 | 196 | 441 | 331 | 162 | 491 |
| 45 | 2,583 | 2,313 | 2,841 | 5,248 | 4,939 | 5,581 |
| 65 | 3,332 | 3,029 | 3,661 | 6,225 | 5,861 | 6,597 |
| 75 | 7,679 | 7,242 | 8,120 | 10,665 | 10,208 | 11,142 |
| 85 | 11,500 | 10,916 | 12,081 | 9,083 | 8,606 | 9,535 |
| Average mortality | 0 | -187 | -253 | -122 | -234 | -308 | -156 |
| 15 | 252 | 137 | 369 | 176 | 10 | 343 |
| 45 | 2,146 | 1,863 | 2,418 | 4,644 | 4,324 | 4,976 |
| 65 | 2,767 | 2,459 | 3,083 | 5,120 | 4,761 | 5,480 |
| 75 | 5,676 | 5,233 | 6,103 | 8,495 | 8,008 | 8,962 |
| 85 | 11,433 | 10,843 | 12,066 | 8,768 | 8,275 | 9,256 |