|  | **Female** | | | **Male** | | | **Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** |
| GAM Negative Binomial | 23685 | 21769 | 25709 | 27649 | 25946 | 29336 | 51334 | 48642 | 54057 |
| GAM Poisson | 23639 | 22968 | 24314 | 27619 | 26946 | 28316 | 51259 | 50332 | 52228 |
| GLM Poisson (Serfling) | 23256 | 22585 | 23931 | 27181 | 26427 | 27913 | 50437 | 49483 | 51408 |
| Average mortality | 21203 | 20493 | 21881 | 24438 | 23683 | 25131 | 45641 | 44620 | 46656 |