|  | **Female** | | | **Male** | | | **Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** |
| GAM Negative Binomial | 25,629 | 23,244 | 27,954 | 31,791 | 29,539 | 33,853 | 57,419 | 54,197 | 60,752 |
| GAM Poisson | 25,597 | 24,721 | 26,487 | 31,724 | 30,893 | 32,667 | 57,321 | 56,044 | 58,538 |
| GLM Poisson (Serfling) | 25,341 | 24,464 | 26,188 | 31,463 | 30,605 | 32,337 | 56,804 | 55,605 | 57,933 |
| Average mortality | 22,087 | 21,269 | 22,969 | 26,969 | 26,110 | 27,801 | 49,056 | 47,867 | 50,319 |