|  | **Female** | | | **Male** | | | **Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** |
| GAM Negative Binomial | 25,603 | 23,264 | 28,090 | 31,764 | 29,692 | 33,914 | 57,367 | 54,159 | 60,746 |
| GAM Poisson | 25,584 | 24,729 | 26,478 | 31,704 | 30,901 | 32,524 | 57,289 | 56,122 | 58,488 |
| GLM Poisson (Serfling) | 25,341 | 24,458 | 26,211 | 31,454 | 30,648 | 32,232 | 56,795 | 55,547 | 57,954 |
| Average mortality | 22,087 | 21,229 | 22,970 | 26,970 | 26,146 | 27,815 | 49,058 | 47,786 | 50,231 |