|  | **Female** | | | **Male** | | | **Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** | **Excess** | **.05 PI** | **.95 PI** |
| GAM Negative Binomial | 23,600 | 21,570 | 25,663 | 27,620 | 25,939 | 29,278 | 51,220 | 48,547 | 53,796 |
| GAM Poisson | 23,590 | 22,915 | 24,284 | 27,567 | 26,914 | 28,279 | 51,156 | 50,238 | 52,129 |
| GLM Poisson (Serfling) | 23,212 | 22,498 | 23,886 | 27,156 | 26,499 | 27,813 | 50,368 | 49,404 | 51,316 |
| Average mortality | 21,301 | 20,638 | 21,989 | 24,596 | 23,959 | 25,262 | 45,897 | 44,965 | 46,874 |