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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix P3.** Inflation of weekly EVI burden stratified by age, prior-week ARI burden, and current-week EVI burden. ARI, Acute respiratory infection; CDR, cross-diagnostic ratio; CI, confidence interval; EVI, enterovirus-related infection | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | **Inflation of EVI burden (per 1000)** | | |  | **Inflation of EVI burden (%)** | | |
|  |  |  | **Number of EVI diagnoses** |  | **7 day cross-diagnosis ratio (CDR, 95% CI)** |  | **Assumed ARI incidence (per 1000)** |  | At EVI burden (per 1000) | | |  | At EVI incidence (per 1000) | | |
|  |  |  |  |  |  |  |  |  | 5 | 10 | 15 |  | 5 | 10 | 15 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **ARI Burden** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Age 0-2** | 1st-25th percentile |  | 183 |  | 1.64 (1.24-2.17) |  | 50 |  | 0.2 | 0.3 | 0.5 |  | 3.2% | 3.2% | 3.2% |
|  | 26th-50th percentile |  | 1200 |  | 1.74 (1.55-1.96) |  | 100 |  | 0.4 | 0.7 | 1.1 |  | 7.4% | 7.4% | 7.3% |
|  | 51st-75th percentile |  | 2513 |  | 1.54 (1.42-1.68) |  | 200 |  | 0.5 | 1.1 | 1.6 |  | 10.9% | 10.8% | 10.8% |
|  | 76th-100th percentile | | 2108 |  | 1.58 (1.43-1.74) |  | 300 |  | 0.9 | 1.7 | 2.6 |  | 17.3% | 17.3% | 17.2% |
| **Age 3-5** | 1st-25th percentile |  | 225 |  | 1.42 (1.09-1.84) |  | 50 |  | 0.1 | 0.2 | 0.3 |  | 2.1% | 2.1% | 2.1% |
|  | 26th-50th percentile |  | 565 |  | 1.39 (1.18-1.64) |  | 100 |  | 0.2 | 0.4 | 0.6 |  | 3.9% | 3.9% | 3.9% |
|  | 51st-75th percentile |  | 2191 |  | 1.23 (1.12-1.35) |  | 200 |  | 0.2 | 0.5 | 0.7 |  | 4.6% | 4.6% | 4.6% |
|  | 76th-100th percentile | | 1302 |  | 1.05 (0.92-1.20) |  | 300 |  | 0.1 | 0.1 | 0.2 |  | 1.5% | 1.5% | 1.5% |
| **Age 6-8** | 1st-25th percentile |  | 274 |  | 2.05 (1.69-2.48) |  | 50 |  | 0.3 | 0.5 | 0.8 |  | 5.2% | 5.2% | 5.2% |
|  | 26th-50th percentile |  | 179 |  | 1.58 (1.21-2.07) |  | 100 |  | 0.3 | 0.6 | 0.9 |  | 5.8% | 5.8% | 5.8% |
|  | 51st-75th percentile |  | 34 |  | 1.49 (0.73-3.06) |  | 200 |  | 0.5 | 1.0 | 1.5 |  | 9.8% | 9.8% | 9.8% |
|  | 76th-100th percentile | | 15 |  | 1.43 (0.30-6.81) |  | 300 |  | 0.6 | 1.3 | 1.9 |  | 13.0% | 13.0% | 12.9% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |