Additional file 3: Table S3. Number and proportion of hospitalizations with primary diagnosis of pneumonia,primary sepsis diagnosis with secondary pneumonia, or primary respiratory failure diagnosis with secondary pneumonia —Vaccine Safety Data Link (VSD), 2006–2010

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Hospitalizations** | **ICU admissions** | **Assisted ventilation** |
| **Demographic variable** | **No. (% of total)** | **No. (% of hosp.)** | **No. (% of hosp.)** |
| **Primary pneumonia hospitalization** |  |  |  |
| **Overall** | 87457 (100) | 10191 (11.7) | 5780 (6.6) |
| **Age-groups (years)** |  |  |  |
| 18 – 49 | 10726 (12.3) | 1212 (11.3) | 706 (6.5) |
| 50 – 64 | 18167 (20.8) | 2350 (12.9) | 1472 (8.1) |
| 65 – 74 | 17489 (20.0) | 2190 (12.5) | 1312 (7.5) |
| 75 – 84 | 24105 (27.6) | 2742 (11.4) | 1505 (6.2) |
| ≥85 | 16970 (19.4) | 1697 (10.0) | 785 (4.6) |
| **Sex** |  |  |  |
| Male | 43017 (49.2) | 5202 (12.1) | 3047 (7.1) |
| Female | 44435 (50.8) | 4989 (11.2) | 2732 (6.2) |
| **Primary sepsis and secondary pneumonia hospitalization** |  |  |  |
| **Overall** | 23389 (100) | 8451 (36.1) | 5250 (22.4) |
| **Age-groups (years)** |  |  |  |
| 18 – 49 | 2432 (10.4) | 951 (39.1) | 593 (24.4) |
| 50 – 64 | 4659 (19.9) | 1903 (40.8) | 1281 (27.5) |
| 65 – 74 | 4946 (21.1) | 1903 (38.5) | 1289 (26.1) |
| 75 – 84 | 6451 (27.6) | 2200 (34.1) | 1325 (20.5) |
| ≥85 | 4898 (20.9) | 1494 (30.5) | 762 (15.6) |
| **Sex\*** |  |  |  |
| Male | 11788 (50.4) | 4353 (36.9) | 2746 (23.3) |
| Female | 11601 (49.6) | 4098 (35.3) | 2504 (21.6) |
| **Primary respiratory failure and secondary pneumonia hospitalization** |  |  |  |
| **Overall** | 8691 (100) | 4016 (46.2) | 4534 (52.2) |
| **Age-groups (years)** |  |  |  |
| 18 – 49 | 841 (9.7) | 407 (48.4) | 473 (56.2) |
| 50 – 64 | 2067 (23.8) | 974 (47.1) | 1109 (53.7) |
| 65 – 74 | 2289 (26.3) | 1090 (47.6) | 1242 (52.3) |
| 75 – 84 | 2321 (26.7) | 1068 (46.0) | 1176 (50.7) |
| ≥85 | 1173 (13.5) | 477 (40.7) | 534 (45.5) |
| **Sex\*** |  |  |  |
| Male | 4178 (48.1) | 1953 (46.7) | 2225 (53.2) |
| Female | 4512 (51.9) | 2062 (45.7) | 2308 (51.2) |
| \* Sex was missing for 6 persons |  |  |  |