|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variation in delirium incidences between SID and NIS across different patient’s characteristics | | | | | | | | |
|  | **SID** | | | | **NIS** | | | |
| **Age category** | **2008** | **2009** | **2010** | **2011** | **2008** | **2009** | **2010** | **2011** |
| **0-17 years** | 99 (0.09%) | 135 (0.12%) | 143 (0.13%) | 143 (0.14%) | 1405 (0.1%) | 1977 (0.15%) | 2080 (0.15%) | 1458 (0.11%) |
| **18-25 years** | 63 (0.07%) | 62 (0.07%) | 68 (0.08%) | 59 (0.08%) | 1757 (0.18%) | 1747 (0.19%) | 2528 (0.28%) | 2297 (0.27%) |
| **26-30 years** | 52 (0.07%) | 43 (0.06%) | 60 (0.08%) | 64 (0.09%) | 1248 (0.17%) | 1323 (0.19%) | 1604 (0.23%) | 1471 (0.21%) |
| **31-35 years** | 57 (0.08%) | 76 (0.11%) | 84 (0.12%) | 80 (0.11%) | 1455 (0.23%) | 1438 (0.23%) | 1927 (0.32%) | 1875 (0.3%) |
| **36-40 years** | 109 (0.18%) | 112 (0.19%) | 122 (0.21%) | 99 (0.18%) | 2070 (0.4%) | 2422 (0.48%) | 2812 (0.59%) | 2670 (0.58%) |
| **41-45 years** | 169 (0.33%) | 177 (0.36%) | 175 (0.38%) | 184 (0.41%) | 3436 (0.73%) | 3779 (0.84%) | 4127 (0.97%) | 3979 (0.97%) |
| **46-50 years** | 330 (0.53%) | 317 (0.52%) | 307 (0.51%) | 324 (0.55%) | 5931 (1.06%) | 6590 (1.18%) | 6838 (1.25%) | 7118 (1.35%) |
| **51-55 years** | 406 (0.68%) | 416 (0.68%) | 468 (0.75%) | 461 (0.75%) | 8677 (1.36%) | 9928 (1.57%) | 1089 (1.7%) | 12321 (1.91%) |
| **56-60 years** | 567 (0.88%) | 637 (0.98%) | 715 (1.08%) | 713 (1.06%) | 9823 (1.4%) | 11266 (1.66%) | 12524 (1.82%) | 13888 (1.97%) |
| **61-65 years** | 728 (1.14%) | 822 (1.23%) | 861 (1.23%) | 951 (1.32%) | 12338 (1.74%) | 14570 (2.04%) | 15617 (2.13%) | 18520 (2.41%) |
| **66-70 years** | 899 (1.44%) | 1037 (1.63%) | 1191 (1.75%) | 1182 (1.71%) | 16091 (2.26%) | 18526 (2.61%) | 20234 (2.82%) | 22925 (3.02%) |
| **71-75 years** | 1166 (1.99%) | 1289 (2.18%) | 1383 (2.29%) | 1446 (2.40%) | 20320 (3.09%) | 22055 (3.44%) | 23367 (3.76%) | 25334 (3.95%) |
| **76-80 years** | 1486 (2.73%) | 1580 (2.93%) | 1666 (3.13%) | 1671 (3.22%) | 22659 (3.81%) | 24491 (4.26%) | 25195 (4.71%) | 26695 (4.93%) |
| **81-85 years** | 1426 (3.34%) | 1553 (3.69%) | 1619 (3.85%) | 1615 (3.96%) | 21466 (4.89%) | 22488 (5.3%) | 23907 (5.93%) | 25459 (6.1%) |
| **86-90 years** | 1037 (3.91%) | 1158 (4.26%) | 1370 (4.83%) | 1403 (4.85%) | 13056 (5.69%) | 14535 (6.42%) | 15934 (7.08%) | 17693 (7.46%) |
| **91-95 years** | 205 (4.44%) | 239 (4.94%) | 285 (5.70%) | 316 (6.13%) | 4254 (6.98%) | 4808 (7.91%) | 5019 (8.29%) | 5773 (8.92%) |
| **96-100 years** | 22 (4.90%) | 29 (5.62%) | 31 (5.95%) | 46 (8.11%) | 714 (6.99%) | 915 (8.69%) | 887 (8.86%) | 1345 (11.14%) |
| **Unknown** | 1781 (1.08%) | 2090 (1.27%) | 2033 (1.25%) | 2157 (1.34%) | 33562 (1.76%) | 37846 (2.03%) | 39402 (2.17%) | 43019 (2.39%) |
| **Race** |  | | | |  | | | |
| **White** | 7563 (1.33%) | 8370 (1.49%) | 8854 (1.58%) | 9075 (1.66%) | 114958 (1.7%) | 128980 (1.9%) | 146391 (2.11%) | 161688 (2.3%) |
| **African American** | 544 (0.81%) | 612 (0.90%) | 659 (0.96%) | 681 (0.99%) | 14558 (1.37%) | 16915 (1.49%) | 22227 (1.66%) | 24645 (1.87%) |
| **Hispanic** | 1404 (0.47%) | 1607 (0.53%) | 1771 (0.59%) | 1798 (0.61%) | 8512 (0.81%) | 12021 (1.02%) | 12378 (1.06%) | 14943 (1.18%) |
| **Asian or Pacific** | 573 (0.72%) | 604 (0.75%) | 728 (0.89%) | 799 (0.96%) | 2472 (0.86%) | 2776 (1.03%) | 3106 (1.1%) | 3073 (1.14%) |
| **Native American** | \* | \* | 10 (0.94%) | 11 (1.02%) | 741 (1.17%) | 1161 (1.51%) | 1203 (1.54%) | 905 (1.67%) |
| **Other** | 206 (0.88%) | 212 (0.93%) | 219 (0.95%) | 211 (0.83%) | 3387 (0.98%) | 4462 (1.17%) | 3667 (1.14%) | 4882 (1.39%) |
| **Total** | **10602**  **(0.94%)** | **11772**  **(1.05%)** | **12581**  **(1.13%)** | **12914**  **(1.18%)** | **180281**  **(1.5%)** | **200704**  **(1.72%)** | **214904**  **(1.87%)** | **233841**  **(2.04%)** |