**Appendix A: Regression Results by Measure Strata**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***Overall rate*** | | ***Reporting* Rate** | | ***Psychiatric/ Mental Health* Rate** | | ***Transfer* Rate** | |
| *Case count* | 1,853,526 | | 1,777,381 | | 4,319 | | 72,161 | |
| *Clusters (Facilities)* | 3,756 | | 3,755 | | 1,526 | | 3,451 | |
|  | *Coef.* | *P-value* | *Coef.* | *P-value* | *Coef.* | *P-value* | *Coef.* | *P-value* |
| *Patient Age Group* |  |  |  |  |  |  |  |  |
| 18 to 30 (1) | 31.9 | 0.000 | 31.4 | 0.000 | 141.1 | 0.001 | 35.8 | 0.000 |
| 30 to 40 (2) | 42.1 | 0.000 | 41.1 | 0.000 | 194.9 | 0.000 | 53.8 | 0.000 |
| 40 to 50 (3) | 54.9 | 0.000 | 53.2 | 0.000 | 185.8 | 0.000 | 42.0 | 0.000 |
| 50 to 60 (4) | 65.5 | 0.000 | 62.9 | 0.000 | 237.4 | 0.000 | 33.0 | 0.000 |
| 60 to 70 (5) | 73.5 | 0.000 | 70.1 | 0.000 | 171.7 | 0.005 | 27.8 | 0.000 |
| 70 to 80 (6) | 80.8 | 0.000 | 77.3 | 0.000 | 136.1 | 0.055 | 26.7 | 0.000 |
| 80 to 90 (7) | 88.0 | 0.000 | 84.9 | 0.000 | -62.2 | 0.294 | 28.0 | 0.000 |
| 90+ (8) | 93.4 | 0.000 | 91.6 | 0.000 | 299.9 | 0.125 | 19.7 | 0.000 |
| *Sex* |  |  |  |  |  |  |  |  |
| Female (2) | 6.1 | 0.000 | 7.3 | 0.000 | -47.6 | 0.116 | 13.3 | 0.000 |
| UTD (9) | 18.2 | 0.193 | 11.1 | 0.266 |  |  | 115.3 | 0.311 |
| *Race* |  |  |  |  |  |  |  |  |
| Black (2) | 5.7 | 0.120 | 5.5 | 0.126 | 137.3 | 0.002 | 27.1 | 0.000 |
| American Indian/Alaska Native (3) | 5.6 | 0.142 | 6.1 | 0.103 | 181.6 | 0.326 | -18.4 | 0.317 |
| Asian (4) | 10.2 | 0.000 | 10.3 | 0.000 | -17.7 | 0.849 | -4.2 | 0.646 |
| UTD (9) | 0.7 | 0.802 | 0.7 | 0.805 | 210.1 | 0.003 | 1.1 | 0.863 |
| *Ethnicity* |  |  |  |  |  |  |  |  |
| Hispanic (1) | 12.0 | 0.000 | 12.0 | 0.000 | -18.5 | 0.758 | 22.0 | 0.001 |
| *Facility Bed Count* |  |  |  |  |  |  |  |  |
| 51 to 100 (1) | 9.1 | 0.017 | 10.7 | 0.004 | 71.7 | 0.325 | 18.2 | 0.002 |
| 101 to 250 (2) | 34.0 | 0.000 | 35.8 | 0.000 | 184.9 | 0.014 | 68.4 | 0.000 |
| 251 to 500 (3) | 51.1 | 0.000 | 53.8 | 0.000 | 292.0 | 0.006 | 78.6 | 0.000 |
| 500+ (4) | 61.8 | 0.000 | 64.7 | 0.000 | 140.2 | 0.144 | 97.8 | 0.000 |
| *Facility Location* |  |  |  |  |  |  |  |  |
| Urban (1) | 5.2 | 0.316 | 6.5 | 0.195 | 52.6 | 0.453 | 13.8 | 0.032 |
| *Teaching Status* |  |  |  |  |  |  |  |  |
| Teaching (1) | 9.3 | 0.275 | 9.0 | 0.298 | -61.6 | 0.476 | 20.2 | 0.082 |
| Major Teaching (2) | 56.5 | 0.000 | 54.7 | 0.000 | 60.5 | 0.449 | 177.4 | 0.003 |
| *Constant* | 89.1 | 0.000 | 83.4 | 0.000 | 317.2 | 0.000 | 185.3 | 0.000 |