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| **Supplement Table. Hospital Characteristics Associated with Use of Individual Provider Performance Profiles: Analyses  Weighted for Non-response1** | | | | | |
|  | **All Hospitals (N = 2,334)** | **Use IPP2  Reports (N = 1,567)** | **Do Not Use IPP Reports (N = 767)** | **OR (95% CI)** | **P-value** |
| Type of Hospital |  |  |  |  |  |
| For-profit private | 160 (6.9) | 77 (4.9) | 83 (10.8) | Reference |  |
| Non-profit private | 1609 (68.9) | 1192 (76.1) | 417 (54.4) | 2.92 (2.00 - 4.24) | <0.001 |
| Government (federal or non-federal) | 565 (24.2) | 298 (19.0) | 267 (34.8) | 1.49 (1.00 - 2.21) | 0.050 |
| Geographic Region |  |  |  |  |  |
| Northeast | 317 (13.6) | 212 (13.5) | 105 (13.7) | Reference |  |
| Midwest | 886 (38.0) | 577 (36.8) | 309 (40.3) | 1.75 (1.29 - 2.37) | <0.001 |
| South | 724 (31.0) | 482 (30.8) | 242 (31.6) | 2.00 (1.45 - 2.75) | <0.001 |
| West | 407 (17.4) | 296 (18.9) | 111 (14.5) | 2.15 (1.49 - 3.09) | <0.001 |
| Teaching hospital | 626 (26.8) | 500 (31.9) | 126 (16.4) | 1.06 (0.80 - 1.43) | 0.699 |
| Size |  |  |  |  |  |
| Small (< 99 beds) | 1023 (43.8) | 571 (36.4) | 452 (58.9) | Reference |  |
| Medium (100 - 399) | 991 (42.5) | 728 (46.5) | 263 (34.3) | 1.75 (1.36 - 2.24) | <0.001 |
| Large (>= 400 beds) | 320 (13.7) | 268 (17.1) | 52 (6.8) | 2.42 (1.58 - 3.73) | <0.001 |
| Expenditures per 100 beds |  |  |  |  |  |
| First quartile (mean $4,209) | 533 (22.8) | 277 (17.7) | 256 (33.4) | Reference |  |
| Second quartile (mean $8,003) | 575 (24.6) | 377 (24.1) | 198 (25.8) | 1.29 (0.99 - 1.69) | 0.062 |
| Third quartile (mean $11,255) | 608 (26.0) | 431 (27.5) | 177 (23.1) | 1.43 (1.08 - 1.90) | 0.012 |
| Fourth quartile (mean $20,091) | 618 (26.5) | 482 (30.8) | 136 (17.7) | 2.05 (1.52 - 2.76) | <0.001 |
| Rural Location3 | 496 (21.3) | 245 (15.6) | 251 (32.7) | 0.80 (0.61 - 1.03) | 0.082 |
| Medicaid patient days4 | 20.7 (16.5) | 21.1 (15.8) | 19.8 (18.1)) | 0.99 (0.54 - 1.84) | 0.982 |
| Participates in a health maintenance organization | 525 (22.5) | 416 (26.5) | 109 (14.2) | 1.50 (1.16 - 1.92) | 0.002 |
| Participates in a bundled payment program | 408 (17.5) | 340 (21.7) | 68 (8.9) | 1.60 (1.19 - 2.17) | <0.001 |

1 P-values are derived from a multivariate logistic regression model of IPP use as a function of hospital characteristics. P-values are based on the Wald test of the null hypothesis that the OR for each predictor is equal to 1. Weighting exploits the fact that a number of hospital characteristics are derived from sources outside the survey and thus are available for both respondents and non-respondents. We created non-response weights based on a logistic regression model of survey response as a function of hospital characteristics (ownership, size, teaching status, systems membership, critical access hospital, and geographic region).

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3 Any location that is not part of a micropolitan or metropolitan core-based statistical area, from the U.S. Census.

4 Medicaid patient days as a percentage of total inpatient days, expressed as mean (standard deviation). All other values correspond to number (percentage).