**Appendix Table 1.** Percent of Isolates Not Susceptible to Trimethoprim-Sulfamethoxazole Among Methicillin-resistant *Staphylococcus aureus* (MRSA) Associated with Surgical Site Infections (SSIs), Central Line-Associated Bloodstream Infections (CLABSIs), and Catheter-Associated Urinary Tract Infections (CAUTIs) by State—National Healthcare Safety Network, 2012 and 2018a

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **State** | **Number of Continuous Reporting Facilitiesb** | **2012**  # Not Susceptible/# Tested (% NS) | **2018**  # Not Susceptible/# Tested (% NS) | **Difference**  **(95% CI)**  **2018 vs. 2012c** |
| AL (all HAIs) | 55 | 2/57 (3.5%) | 0/38 (0%) | -3.5% (-8.3, 1.3) |
| SSI only |  | 0/38 (0%) | 0/ 33 (0%) | NA |
| AZ (all HAIs) | 43 | 1/53 (1.9%) | 0/34 (0%) | -1.9% (-5.5, 1.8) |
| SSI only |  | 0/35 (0%) | 0/ 27 (0%) | NA |
| CA (all HAIs) | 295 | 13/678 (1.9%) | 17/485 (3.5%) | 1.6% (-0.3, 3.5) |
| SSI only |  | 11/584 (1.9%) | 16/443 (3.6%) | 1.7% (-0.3, 3.8) |
| CO (all HAIs) | 42 | 0/66 (0%) | 1/27 (3.7%) | 3.7% (-3.4, 10.8) |
| SSI only |  | 0/58 (0%) | 1/26 (3.8%) | 3.8% (-3.5, 11.2) |
| FL (all HAIs) | 162 | 15/166 (9.0%) | 21/107 (19.6%) | 10.6% (1.9, 19.3)\* |
| SSI only |  | 9/110 (8.2%) | 18/80 (22.5%) | 14.3% (3.8, 24.8)\* |
| GA (all HAIs) | 72 | 14/77 (18.2%) | 6/70 (8.6%) | -9.6% (-20.4, 1.2) |
| SSI only |  | 12/63 (19.0%) | 5/59 (8.5%) | -10.6% (-22.6, 1.4) |
| IL (all HAIs) | 120 | 5/115 (4.3%) | 4/85 (4.7%) | 0.4% (-5.5, 6.2) |
| SSI only |  | 3/91 (3.3%) | 3/75 (4.0%) | 0.7% (-5.1, 6.5) |
| IN (all HAIs) | 62 | 0/73 (0%) | 1/31 (3.2%) | 3.2% (-3, 9.4) |
| SSI only |  | 0/58 (0%) | 1/26 (3.8%) | 3.8% (-3.5, 11.2) |
| LA (all HAIs) | 52 | 1/37 (2.7%) | 0/41 (0%) | -2.7% (-7.9, 2.5) |
| SSI only |  | 1/26 (3.8%) | 0/39 (0%) | -3.8% (-11.2, 3.5) |
| MA (all HAIs) | 59 | 0/65 (0%) | 2/59 (3.4%) | 3.4% (-1.2, 8) |
| SSI only |  | 0/45 (0%) | 2/52 (3.8%) | 3.8% (-1.4, 9.1) |
| MD (all HAIs) | 42 | 0/69 (0%) | 4/36 (11.1%) | 11.1% (0.8, 21.4)\* |
| SSI only |  | 0/56 (0%) | 4/29 (13.8%) | 13.8% (1.2, 26.3)\* |
| MI (all HAIs) | 72 | 5/109 (4.6%) | 0/74 (0%) | -4.6% (-8.5, -0.7) |
| SSI only |  | 5/89 (5.6%) | 0/60 (0%) | -5.6% (-10.4, 0.1) |
| MO (all HAIs) | 60 | 0/56 (0%) | 1/50 (2.0%) | 2% (-1.9, 5.9) |
| SSI only |  | 0/46 (0%) | 0/41 (0%) | NA |
| MS (all HAIs) | 37 | 1/35 (2.9%) | 1/30 (3.3%) | 0.4% (-8, 8.9) |
| SSI only |  | 1/24 (4.2%) | 1/21 (4.8%) | 0.6% (-11.5, 12.7) |
| NC (all HAIs) | 70 | 3/62 (4.8%) | 1/47 (2.1%) | -2.7% (-9.5, 4) |
| SSI only |  | 3/38 (7.9%) | 0/34 (0%) | -7.9% (-16.5, 0.7) |
| NJ (all HAIs) | 68 | 2/83 (2.4%) | 13/56 (23.2%) | 20.8% (9.3, 32.3)\* |
| SSI only |  | 1/64 (1.6%) | 10/49 (20.4%) | 18.8% (7.2, 30.5)\* |
| NV (all HAIs) | 19 | 1/33 (3.0%) | 0/37 (0%) | -3% (-8.9, 2.8) |
| NY (all HAIs) | 160 | 11/219 (5.0%) | 6/160 (3.8%) | -1.2% (-5.4, 2.9) |
| SSI only |  | 6/159 (3.8%) | 5/132 (3.8%) | 0.0% (-4.4, 4.4) |
| OH (all HAIs) | 108 | 5/76 (6.6%) | 3/63 (4.8%) | -1.8% (-9.5, 5.8) |
| SSI only |  | 3/53 (5.7%) | 2/51 (3.9%) | -1.7% (-9.9, 6.5) |
| OK (all HAIs) | 43 | 1/24 (4.2%) | 0/36 (0%) | -4.2% (-12.2, 3.8) |
| OR (all HAIs) | 32 | 3/35 (8.6%) | 2/23 (8.7%) | 0.1% (-14.7, 14.9) |
| SSI only |  | 3/33 (9.1%) | 2/21 (9.5%) | 0.4% (-15.5, 16.4) |
| PA (all HAIs) | 151 | 6/413 (1.5%) | 19/279 (6.8%) | 5.3% (2.2, 8.5)\* |
| SSI only |  | 3/298 (1.0%) | 14/238 (5.9%) | 4.9% (1.7, 8.1)\* |
| SC (all HAIs) | 52 | 14/90 (15.6%) | 9/78 (11.5%) | -4.1% (-14.3, 6.3) |
| SSI only |  | 9/62 (14.5%) | 8/60 (13.3%) | -1.2% (-13.5, 11.1) |
| TN (all HAIs) | 71 | 2/106 (1.9%) | 3/97 (3.1%) | 1.2% (-3.1, 5.5) |
| SSI only |  | 0/78 (0%) | 3/83 (3.6%) | 3.6% (-0.4, 7.6) |
| TX (all HAIs) | 254 | 11/280 (3.9%) | 11/236 (4.7%) | 0.8% (-2.8, 4.3) |
| SSI only |  | 9/241 (3.7%) | 11/212 (5.2%) | 1.5% (-2.4, 5.3) |
| VA (all HAIs) | 66 | 0/51 (0%) | 0/45 (0%) | NA |
| SSI only |  | 0/32 (0%) | 0/32 (0%) | NA |
| WA (all HAIs) | 47 | 5/67 (7.5%) | 5/55 (9.1%) | 1.6% (-8.2, 11.5) |
| SSI only |  | 3/54 (5.6%) | 5/49 (10.2%) | 4.6% (-5.8, 15.1) |

Note. CI, Confidence Interval; SSI, surgical site infections; NA, not applicable

\*Statistically significant difference

aCell sizes with ≥20 MRSA isolates with AST reported were included in this state-level analysis. CAUTI and CLABSI did not consistently meet these criteria and therefore were not reported by state, however SSIs are reported.

bContinuous reporting facilities were defined as: 1) For CLABSIs- hospitals that reported at least 1 month of in-plan CLABSI data, in both 2012 and 2018, for the same location 2) For CAUTIs- hospitals that reported at least 1 month of in-plan CAUTI data, in both 2012 and 2018, for the same location and 3) For SSIs: hospitals that reported at least 1 month of in-plan SSI data, in both 2012 and 2018, for the same procedure code

c95% confidence intervals for the difference between years were calculated using the Wald statistic