# Sepsis

| | Goals | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | 12 month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Inpatient Measures** | Natl Ave. | 2018 Goal | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2017 | 2018 | Period |
| SEP1aa: Severe Sepsis - initial lactate management within 3 hrs | N/A [8] | 85.6%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 9 | 9 | 8 | 7 | 7 | 9 | 9 | 7 | 7 | 6 | 9 | 11 | 98 |
| Denominator | | | | 10 | 9 | 12 | 10 | 8 | 12 | 10 | 7 | 7 | 7 | 11 | 13 | 116 |
| SEP1ab: Severe Sepsis - broad spectrum antibiotic within 3 hrs | N/A [8] | 99.1%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 10 | 9 | 12 | 9 | 8 | 12 | 10 | 7 | 7 | 5 | 11 | 12 | 112 |
| Denominator | | | | 10 | 9 | 12 | 10 | 8 | 12 | 10 | 7 | 7 | 5 | 11 | 13 | 114 |
| SEP1ac: Severe Sepsis - blood cultures within 3 hr | N/A [8] | 89.2%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 9 | 8 | 9 | 8 | 6 | 11 | 10 | 6 | 7 | 6 | 11 | 13 | 104 |
| Denominator | | | | 10 | 9 | 12 | 10 | 8 | 12 | 10 | 7 | 7 | 7 | 11 | 13 | 116 |
| SEP1b: Severe Sepsis - repeat lactate level measurement within 6 hrs | N/A [8] | 97.5%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 6 | 6 | 7 | 6 | 5 | 8 | 9 | 6 | 7 | 5 | 9 | 8 | 82 |
| Denominator | | | | 6 | 7 | 7 | 7 | 5 | 8 | 9 | 6 | 7 | 5 | 9 | 10 | 86 |
| SEP1c: Septic Shock - resuscitation with crystalloid fluids within 3 hr | N/A [8] | 91.7%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 6 | 7 | 7 | 4 | 5 | 8 | 9 | 6 | 6 | 4 | 9 | 7 | 78 |
| Denominator | | | | 8 | 7 | 7 | 5 | 5 | 8 | 9 | 6 | 7 | 5 | 9 | 8 | 84 |
| SEP1da: Septic Shock - vasopressors within 6 hr | N/A [8] | 75.0%[9] | | | | | | | | | | | | | | |
| Numerator | | | | None | 0 | None | None | None | None | 1 | 1 | None | None | 1 | None | 3 |
| Denominator | | | | None | 1 | None | None | None | None | 1 | 1 | None | None | 1 | None | 4 |
| SEP1db: Septic Shock - focused exam &/or hemodynamic monitor within 6 hr | N/A [8] | 70.6%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 1 | 1 | 0 | 2 | 2 | 1 | 1 | 0 | None | 0 | 3 | None | 11 |
| Denominator | | | | 2 | 1 | 1 | 3 | 2 | 1 | 1 | 1 | None | 1 | 3 | None | 16 |
| **SEP-1: Perfect Care for Sepsis** | N/A [8] | 64.0%[9] | | | | | | | | | | | | | | |
| Numerator | | | | 5 | 6 | 6 | 3 | 5 | 8 | 9 | 5 | 6 | 3 | 9 | 7 | 72 |
| Denominator | | | | 10 | 9 | 12 | 10 | 8 | 12 | 10 | 7 | 7 | 7 | 11 | 13 | 116 |
| **# of cases abstracted** | | | 189 | 17 | 17 | 15 | 16 | 14 | 15 | 15 | 15 | 15 | 14 | 19 | 22 | 194 |
| **# of cases qualifying for bundle** | | | 111 | 10 | 9 | 12 | 10 | 8 | 12 | 10 | 7 | 7 | 7 | 11 | 13 | 116 |
| **Non-Core Measurements** | Natl Ave. | 2018 Goal | 2017 | | | | | | | | | | | | | Period |
| % of qualifying cases with sepsis orders used | | 36.7%[9] | | | | | | | | | | | | | | |
| % of qualifying cases with sepsis alerts called | | 80.9%[9] | | | | | | | | | | | | | | |
| # of qualifying cases with severe sepsis present on arrival (criteria met in the ED) | | | 80 | 7 | 6 | 8 | 6 | 6 | 7 | 5 | 7 | 7 | 5 | 9 | 10 | 83 |
| # of qualifying cases with severe sepsis NOT present on arrival (criteria met after adm to the unit) | | | 31 | 3 | 3 | 4 | 4 | 2 | 5 | 5 | 0 | 0 | 2 | 2 | 3 | 33 |
| Bundle compliance for Sepsis if POA | | 71.3%[9] | | | | | | | | | | | | | | |
| Bundle compliance for Sepsis if **NOT** POA | | 45.2%[9] | | | | | | | | | | | | | | |
| **Inpatient** Mortality rate of ALL sepsis cases qualifying for bundle (**Total**) | 14.9%[10] | 0.9%[9] | | | | | | | | | | | | | | |
| **Inpatient** Mortality rate of sepsis cases qualifying for bundle with sepsis POA (criteria met in ED) | | 1.3%[9] | | | | | | | | | | | | | | |
| **Inpatient** Mortality rate of sepsis cases qualifying for bundle with sepsis NOT POA (criteria met after admission) | | 0.0%[9] | | | | | | | | | | | | | | |