



## EP18EO – Culture of Safety

### EP18EOc Central Line Associated Blood Stream Infections (CLABSI)

**Vendor:** National Database of Nursing Quality Indicators (NDNQI).

**Benchmark:** NDNQI Magnet Mean.

**Units not included:** The below units are excluded as they are classified as Inpatients in the organization and the vendor does not have inpatient measures for these units.

- Labor and Delivery: Labor & Delivery
- Postpartum: OB/GYN. Gynecology unit created to segregate gynecology patients for HAPI Stage 2 and above.
- Operating Room Full Service: OR
- Operating Room Full Service: Recovery Room

**Units included:** Table EP18EOc.1 below lists the units included for Central Line Associated Blood Stream Infections (CLABSI) indicator.

**Table EP18EOc.1 Units included for the CLABSI Indicator**

| Vendor Classification            | Nursing Units  |
|----------------------------------|--|
| Critical Care-Adult              | 1. Med-Surg ICU (COVID-19)<br>2. Surgical ICU  |
| Medical-Adult                    | 3. 24 Hour Admission Unit (COVID-19)<br>4. Medical-North (COVID-19)<br>5. Medical-South (COVID-19) |
| Surgical-Adult                   | 6. Surgical<br>7. Renal Transplant Unit  |
| Med-Surg Comb. Adult             | 8. Cardiac Vascular Telemetry - North<br>9. Neuroscience<br>10. VIP<br>11. Oncology - Adult        |
| Adult High Acuity                | 12. 12. Coronary Care Unit   |
| Postpartum                       | 13. 13. OB/GYN   |
| Critical Care-Pediatric          | 14. Cardiac Surgery ICU<br>15. Pediatric ICU   |
| Level III Neonatal Critical Care | 16. Neonatal ICU   |

**Pediatric Med-Surg Combined**

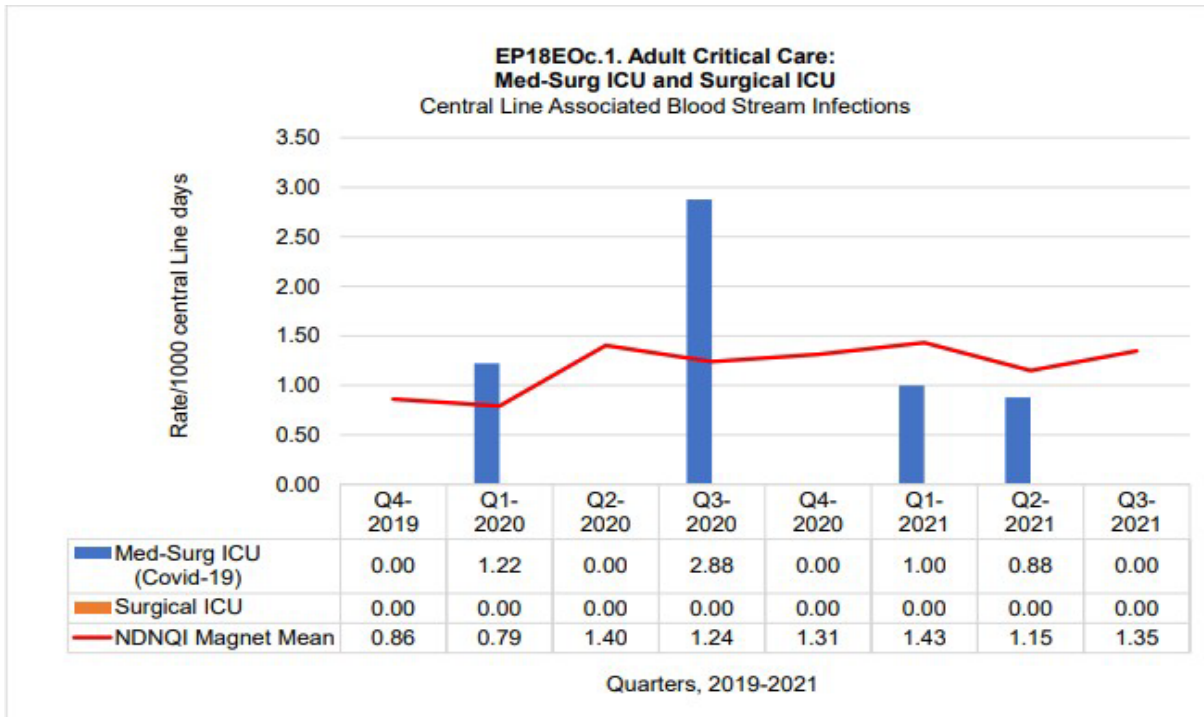
- 17. Pediatric
- 18. Oncology Pediatric
- 19. Cardiac Vascular Telemetry-South

**Table EP18EOc.2 Summary of Results for Units for Central Line Associated Blood Stream Infections, 2019- 2021**

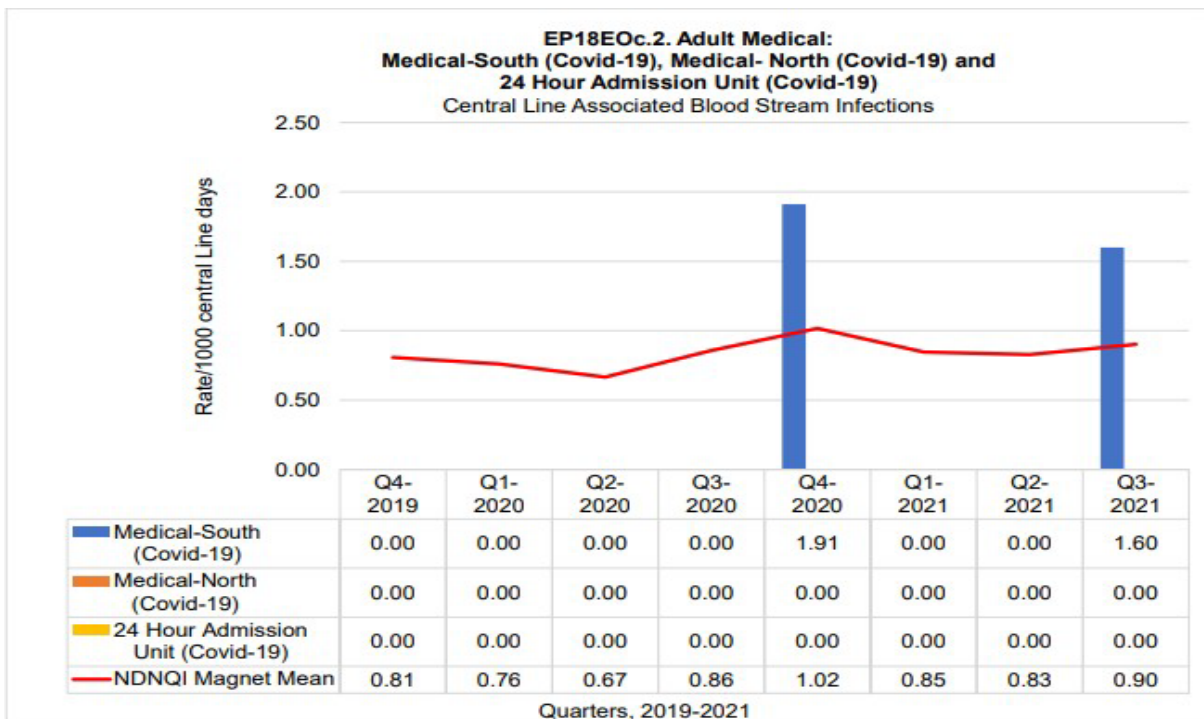
| Summary of All Units Results   |         |         |         |         |         |         |         |         |            |
|--|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| Rates of Central Line Associated Blood Stream Infections per 1000 Central Line Days (CLABSI) |         |         |         |         |         |         |         |         |            |
| NDNQI Magnet Mean  |         |         |         |         |         |         |         |         |            |
| Units  | Q4-2019 | Q1-2020 | Q2-2020 | Q3-2020 | Q4-2020 | Q1-2021 | Q2-2021 | Q3-2021 | Outperform |
| 1. Med-Surg ICU (Covid-19)   | 0.00    | 1.22    | 0.00    | 2.88    | 0.00    | 1.00    | 0.00    | 0.00    | 6/8        |
| 2. Surgical ICU  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 8/8        |
| 3. Medical-South (Covid-19)  | 0.00    | 0.00    | 0.00    | 0.00    | 1.91    | 0.00    | 0.00    | 1.60    | 6/8        |
| 4. Medical-North (Covid-19)  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 8/8        |
| 5. 24 Hour Admission Unit (Covid-19)   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 8/8        |
| 6. Surgical  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 8/8        |
| 7. Renal Transplant Unit   | 0.00    | 0.00    | 0.00    | 18.02   | 0.00    | 6.99    | 5.13    | 2.12    | 4/8        |
| 8. Neuroscience  | 0.00    | 0.00    | 0.00    | 0.00    | 9.80    | 0.00    | 0.00    | 0.00    | 7/8        |
| 9. Cardiac Vascular Telemetry - North  | 5.24    | 0.00    | 4.10    | 0.00    | 3.66    | 0.00    | 0.00    | 0.00    | 5/8        |
| 10. Oncology - Adult   | 3.82    | 0.00    | 1.02    | 2.35    | 2.24    | 3.14    | 5.03    | 0.82    | 1/8        |
| 11. VIP  | 0.00    | 0.00    | 0.00    | 4.24    | 0.00    | 0.00    | 0.00    | 13.33   | 6/8        |
| 12. Coronary Care Unit   | 0.00    | 0.00    | 0.00    | 0.00    | 4.55    | 0.00    | 0.00    | 0.00    | 7/8        |
| 13. OB/GYN   | 30.30   | 0.00    | 0.00    | 0.00    | 0.00    | N. D    | 0.00    | N. D    | 5/6        |
| 14. Pediatric ICU  | 0.00    | 0.00    | 4.59    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 7/8        |
| 15. Cardiac Surgery ICU  | 0.00    | 0.00    | 2.47    | 0.00    | 0.00    | 0.00    | 0.00    | 2.67    | 6/8        |
| 16. Neonatal ICU   | 3.38    | 0.00    | 0.00    | 0.00    | 5.26    | 0.00    | 0.00    | 0.00    | 6/8        |
| 17. Pediatric  | 0.00    | 1.80    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 7/8        |
| 18. Oncology Pediatric   | 4.96    | 0.00    | 0.00    | 1.37    | 4.99    | 1.37    | 1.33    | 3.35    | 2/8        |
| 19. Cardiac Vascular Telemetry - South   | 4.81    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 8.93    | 6/8        |
| Units Outperforming NDNQI Magnet Mean  | 13/19   | 17/19   | 15/19   | 14/19   | 12/19   | 15/18   | 16/19   | 12/18   | 16/19      |

**Outcome:**

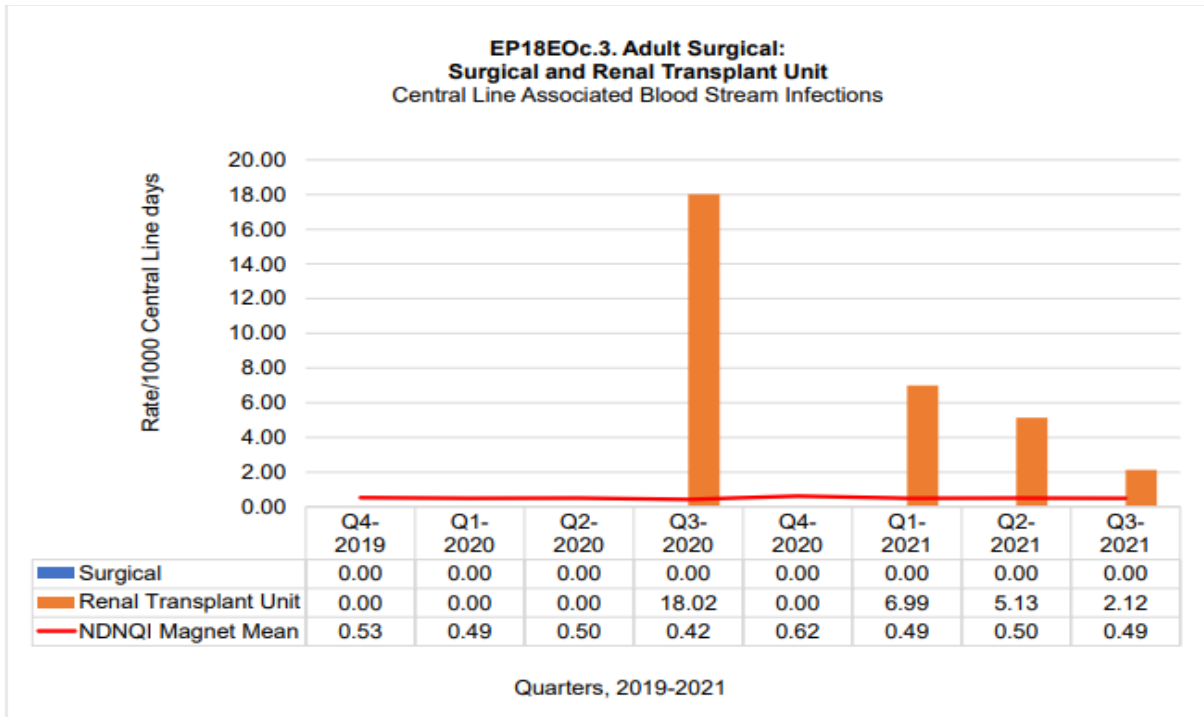
- 16/19 units (84.21%) outperform the NDNQI Magnet Mean more than 50% of the time (5/8 quarters).
- Renal Transplant Unit did not outperform the NDNQI Magnet Mean for 5/8 quarters.
- Oncology-Adult did not outperform the NDNQI Magnet Mean for 7/8 quarters.
- Oncology Pediatrics did not outperform the NDNQI Magnet Mean for 6/8 quarters.



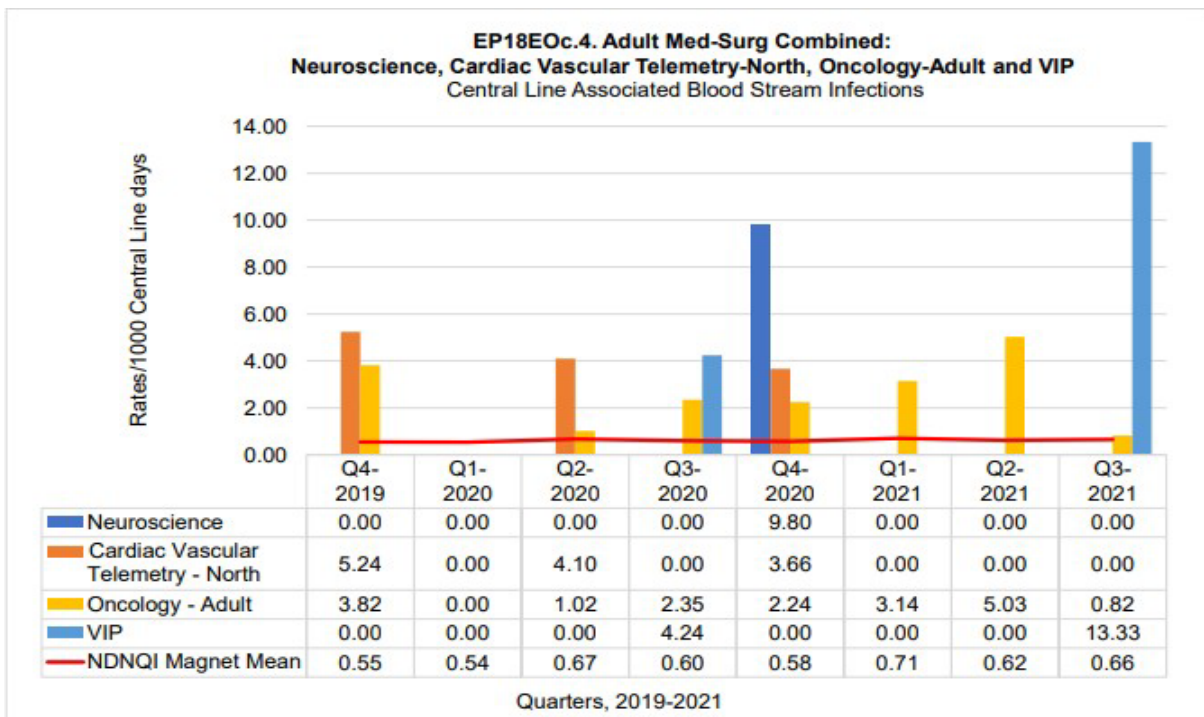
Both units outperform the NDNQI Magnet Mean for 6/8 or more quarters.



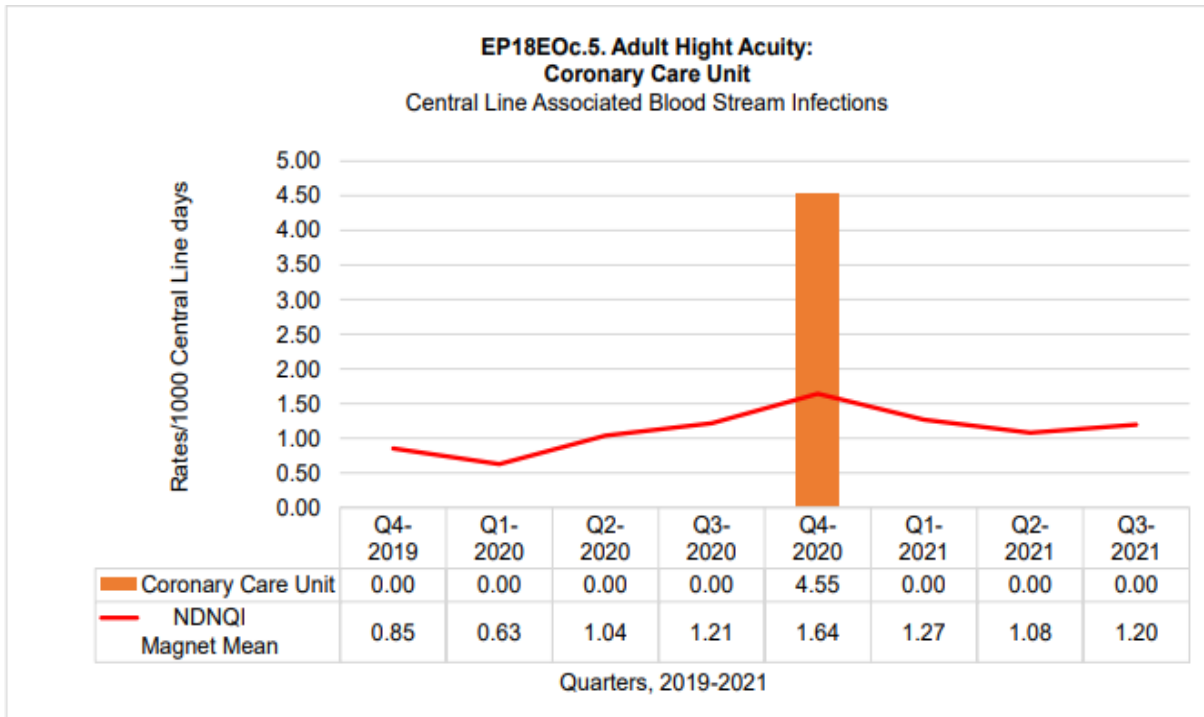
All three units outperform the NDNQI Magnet Mean for 6/8 or more quarters.



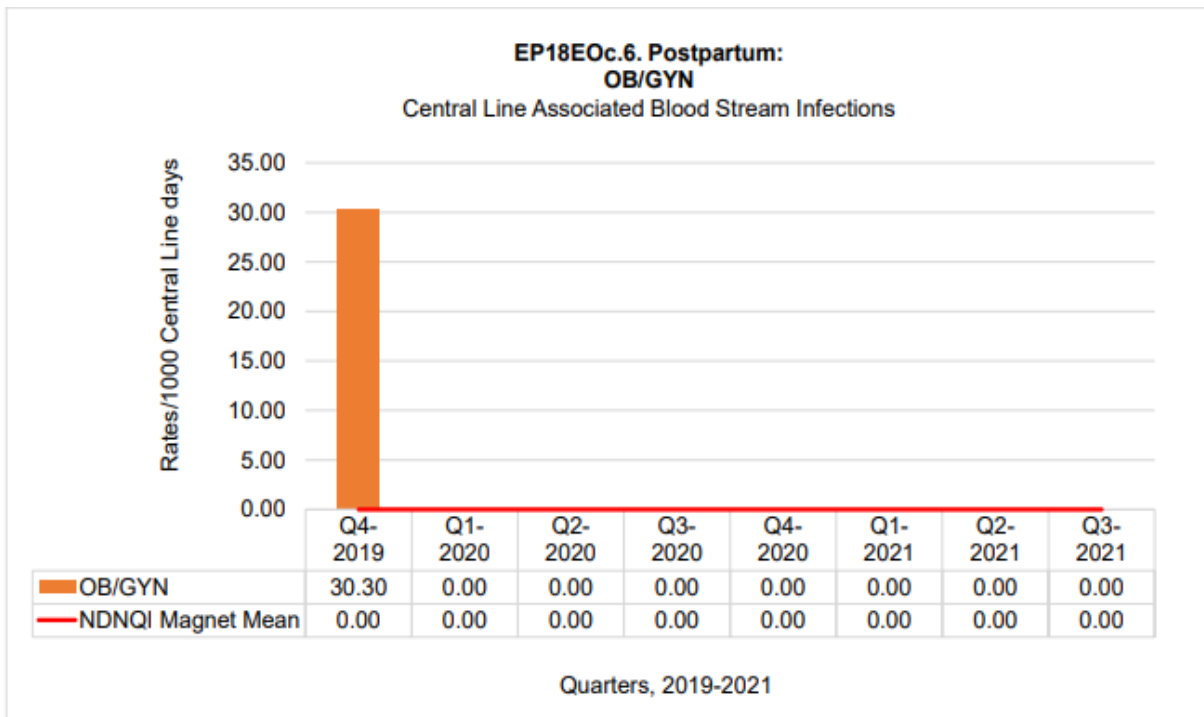
Surgical unit outperforms the NDNQI Magnet Mean for 8/8 quarters. Renal Transplant unit did not outperform the NDNQI Magnet Mean for 4/8 quarters.



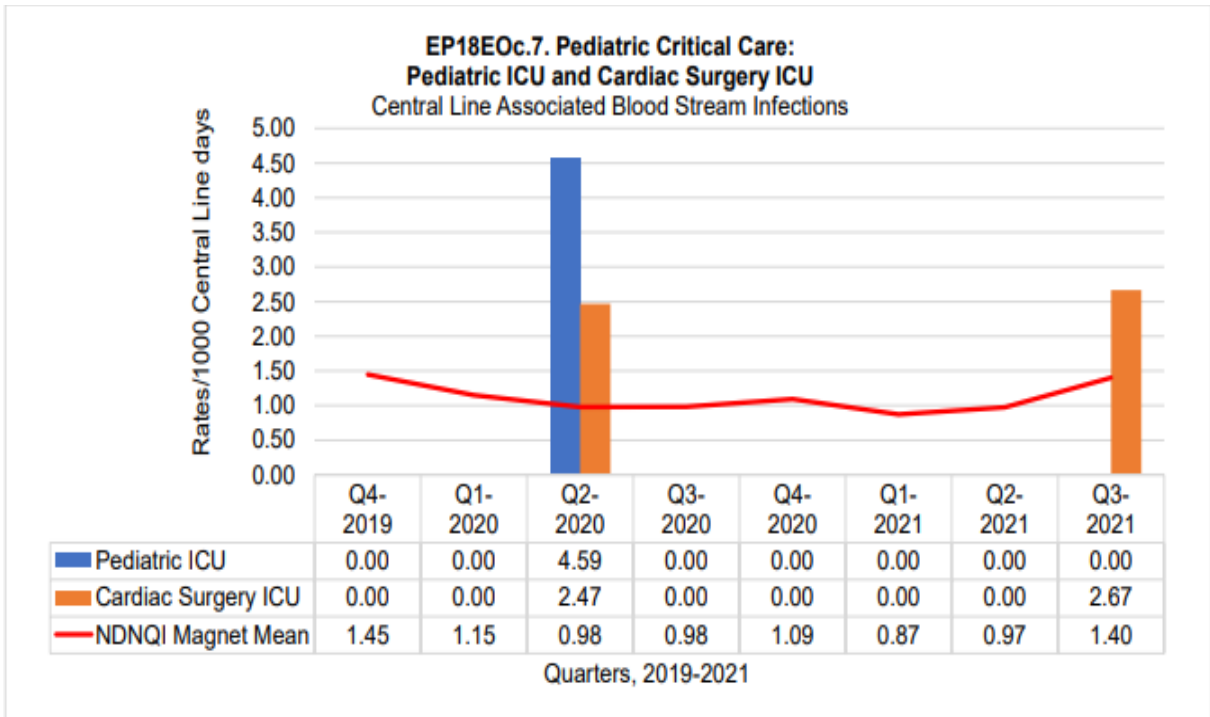
Neuroscience, Cardiac Vascular Telemetry-North and VIP outperform the NDNQI Magnet Mean for 5/8 quarters or more. Oncology -Adult did not outperform the NDNQI Magnet Mean for 7/8 quarters.



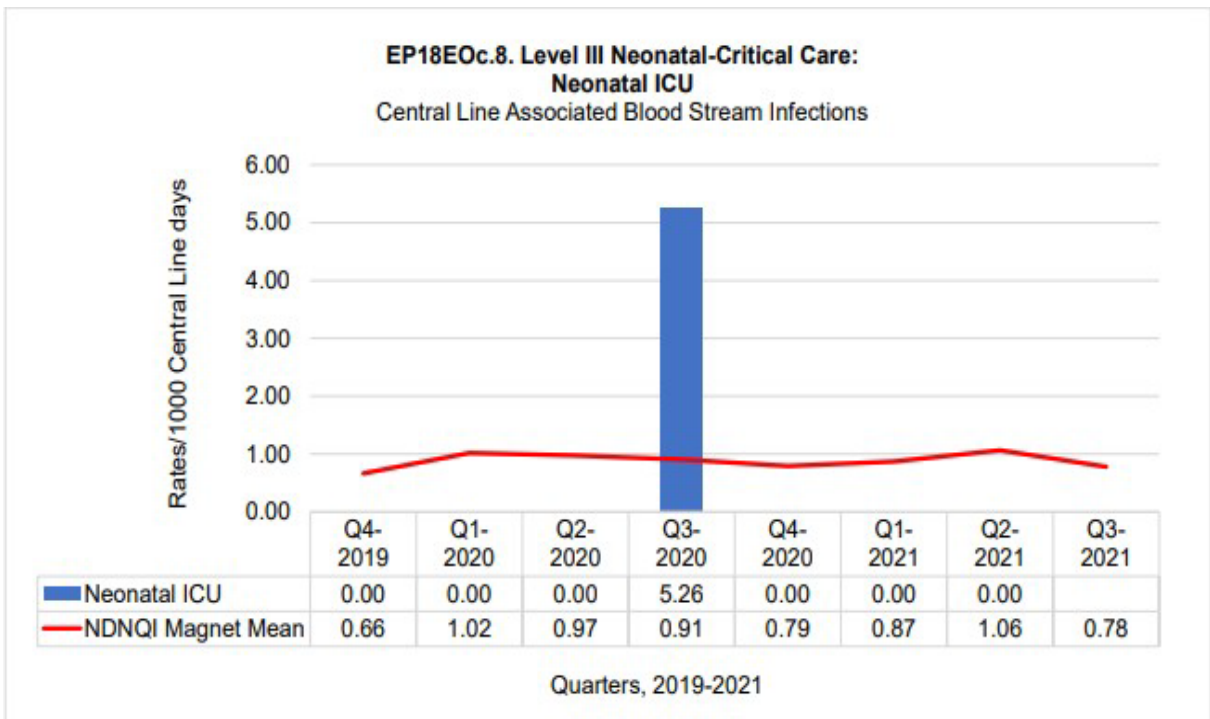
Coronary Care Unit outperforms the NDNQI Magnet Mean for 7/8 quarters.



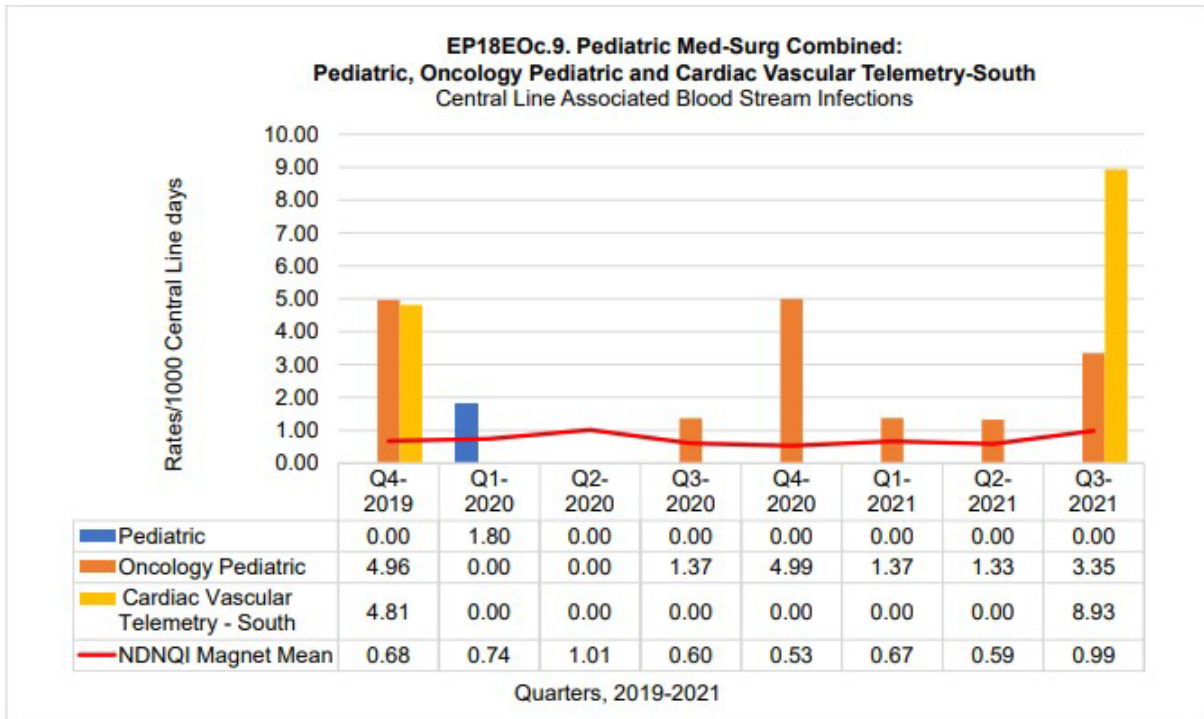
OB/GYN outperforms the NDNQI Magnet Mean for 7/8 quarters.



All three units outperform the NDNQI Magnet Mean for 6/8 quarters or more.



Neonatal ICU outperforms the NDNQI Magnet Mean for 7/8 quarters.



Pediatrics and Cardiac Vascular Telemetry-South outperformed the NDNQI Magnet Mean for 7/8 quarters or more. Oncology Pediatrics did not outperform the NDNQI Magnet Mean for 6/8 quarters.