

2024 OHA Excellence in Clinical Quality Award for a Hospital with 26-100 Beds Bailey Medical Center

Sepsis Excellence: Uniting Teams and Tools for Optimal Patient Outcomes

Goal

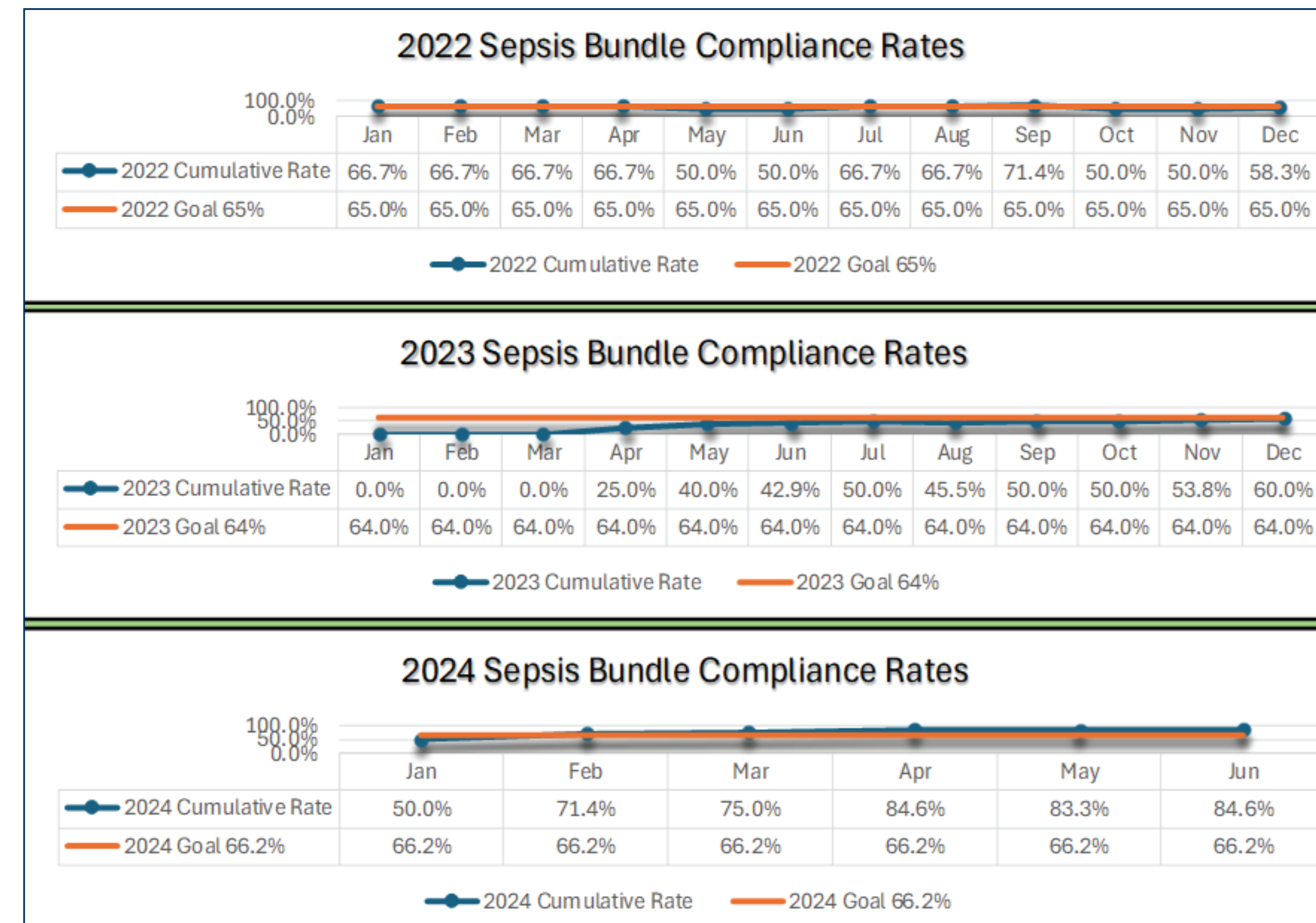
Increase sepsis compliance rates from 58.3% in CY 2022 to 66.2% by June 2024.

Interventions

1. Conducted daily sepsis reviews by the quality department for immediate identification of gaps.
2. Held meetings regularly for interdisciplinary sepsis committee to discuss progress, challenges, and successes.
3. Tracked sepsis compliance rates monthly.
4. Improved "Golden Ticket" reporting tool, ensuring continuity of care from ED to the medical floor.
5. Utilized EHR screening tool.

Results

Sepsis bundle compliance rate increased from 60% in 2023 to 84.6% from Jan-Jun 2024.



Improvement Team



Golden Ticket

Severe Sepsis/Septic Shock Golden Ticket

Two or more SIRS: Temp >38.3°C or <35°C Respirations >20 Heart rate greater than 90 WBC >12,000 or <8000 Bandemia

AND

Organ dysfunction: PFT >2 Lactate >2 Creatinine >1.5 Urine Output <0.5 mL/kg/hr for >2hr Bilirubin >2 Sepsis-induced organ dysfunction as evidenced by a new need for invasive or non-invasive mechanical ventilation

AND

Documented Suspected Infection Source

OR

Physician Documentation of "Severe Sepsis/Septic Shock" Date/Time: _____

Initiate ASAP

Blood Cultures drawn/attempted (Prior to ABX) Date/Time: _____ Result: _____

Lactic Acid drawn/attempted Date/Time: _____ Result: _____

Repeat Lactic Acid drawn/attempted within 3 hours of initial lactic acid draw if initial >2 Date/Time: _____ Result: _____

Appropriate Antibiotic Initiated Date/Time: _____

If Hypotension Present (Evidenced by 2 separate BP readings with Systolic BP <90 or MAP <65) OR if provider documents "septic shock" OR if initial lactate is >4

"40 cc Shocking Bolus" Provided by Documented RN or Actual RN *Note: must be initiated within 3 hours of either initial hypotension or septic shock diagnosis, whichever occurs first* Start Date/Time: _____

2 Sets of V/S within 1 hour AFTER Bolus Completion First Date/Time: _____ Result: _____ Second Date/Time: _____ Result: _____

** If hypotension persists after bolus completion, start vasopressors to maintain a MAP >65mmHg **

Lessons Learned

- Continuous, structured and accessible educational programs are essential.
- The updated "Golden Ticket" reporting tool ensured continuity of care across departments.
- Integrating screening tools within the EHR streamlined processes.
- Regular discussions of the multidisciplinary team allowed for open communications and problem-solving.

Sustain & Spread

- Continue monthly Sepsis Committee meetings to monitor progress.
- Develop reporting tools modeled after the Golden Ticket to be used for other critical conditions.