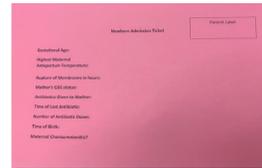


Danielle Felty MSN, RN NEA-BC, Manager Women and Children's Services
 Heather Chavez, BSN RN Supervisor, Maria Lotesto, RN Supervisor

Problem

- Baseline data collection showed 17.9% of all newborns received antibiotics.
- Goal = 20% reduction of antibiotic use (14% goal).

Project Implementation

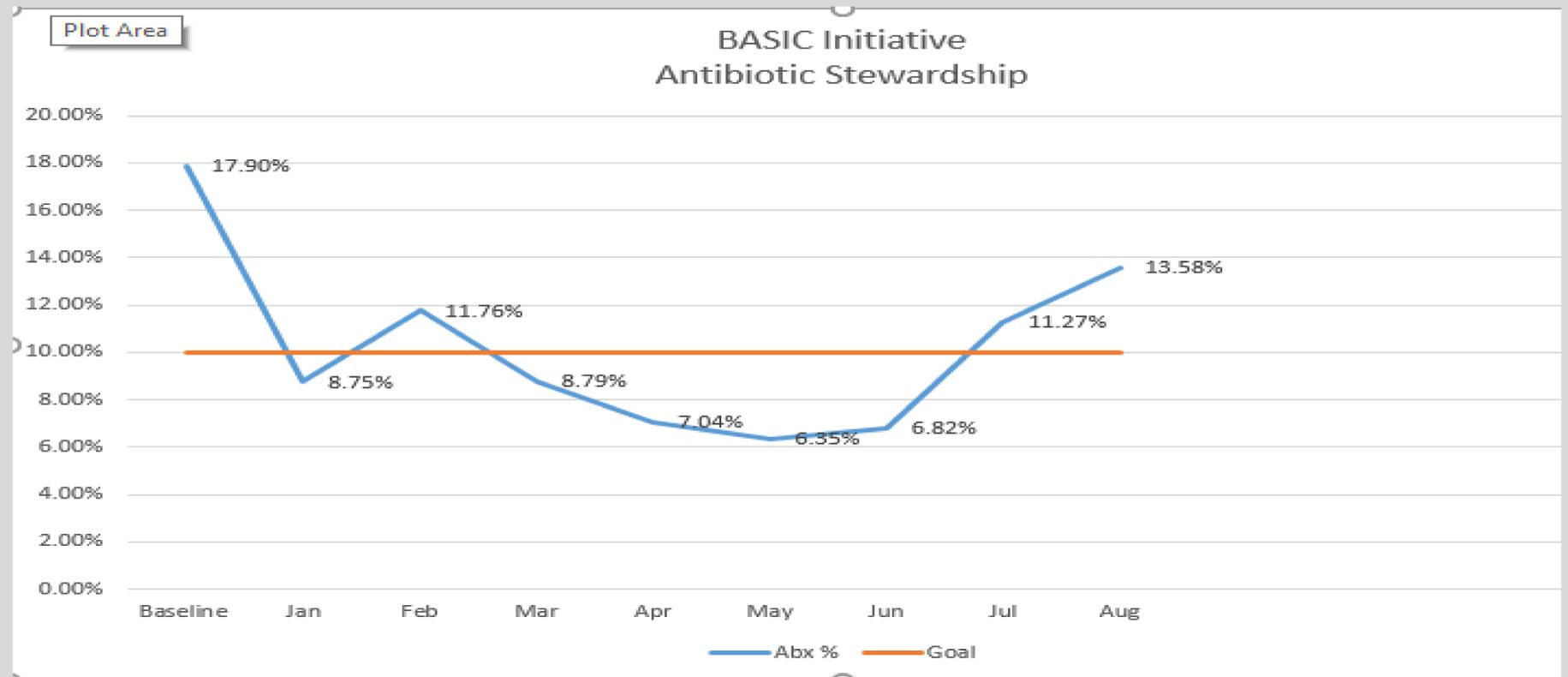


- August, 2019 Start of Phase I initiative
- July 2020 Multi-disciplinary team formed including pediatricians, neonatology, and nursing staff.
- July 2020 Development of Kaiser Sepsis scale and process flow diagram
- January 2021: Newborn admission ticket developed
- February 2021 – Implementation of algorithm, and process flow diagram.

Results

- Initial goal if 14% antibiotic use was adjusted down to 10% antibiotic use goal due to consistent numbers below the goal
- Kaiser scale is used consistently and without difficulty.
- Some challenging with waiting for newborn to transition for the first 2-4 hours and immediately starting antibiotics.
- Increases in antibiotic use in July/August due to higher than average admissions into Level II nursery

Table 1. Insert 1-2 data tables displaying your hospital's QI progress



Conclusions

- Continue to track on monitor
- Continued review by medical staff of all antibiotic cases.

Acknowledgements/Hospital Team

- Aisha Jameel, MD. Pediatric Hospitalist

Early Onset Neonatal Sepsis Algorithm: For Newborn < 72 Hours Old

