

BACKGROUND

To help address Children's Hospital of Philadelphia's sustained high census, the Keeping Kids Out of the Hospital Initiative was launched, with a goal of saving 1,000 bed days in Fiscal Year 2018. Our strategy was to:

- Discharge patients efficiently from the hospital as soon as they are medically ready
- Reduce admissions to the hospital when patients can safely and effectively be cared for in other places

Opportunities were identified by analyzing admissions and LOS data from PHIS, denials data, and performing observations throughout the enterprise. A number of tactics were employed, including standardizing care processes when there was variation, improving communication between families and the care team, enhancing coordination of care across settings and providers, and using analytics to continuously evaluate the impact of interventions.

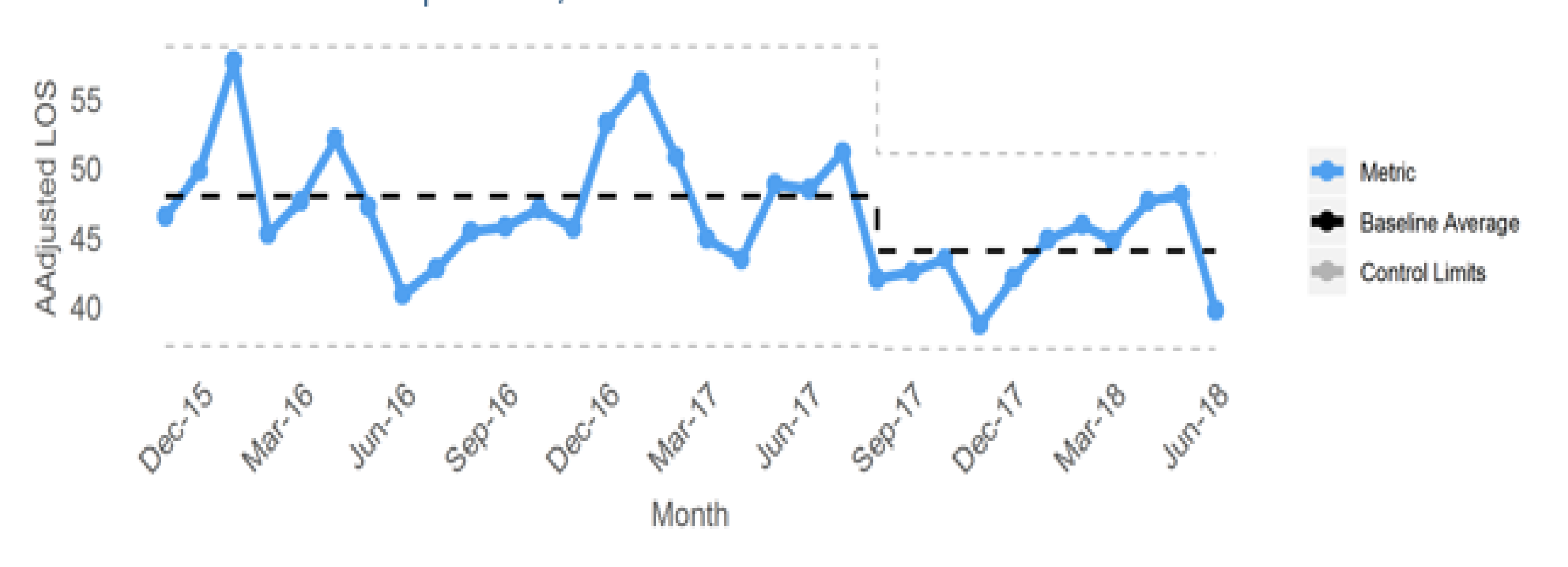
INTERVENTIONS

10+ projects were completed in FY18.
Highlights include:

Reducing Short-Stay Inpatient Asthma Admissions from the ED

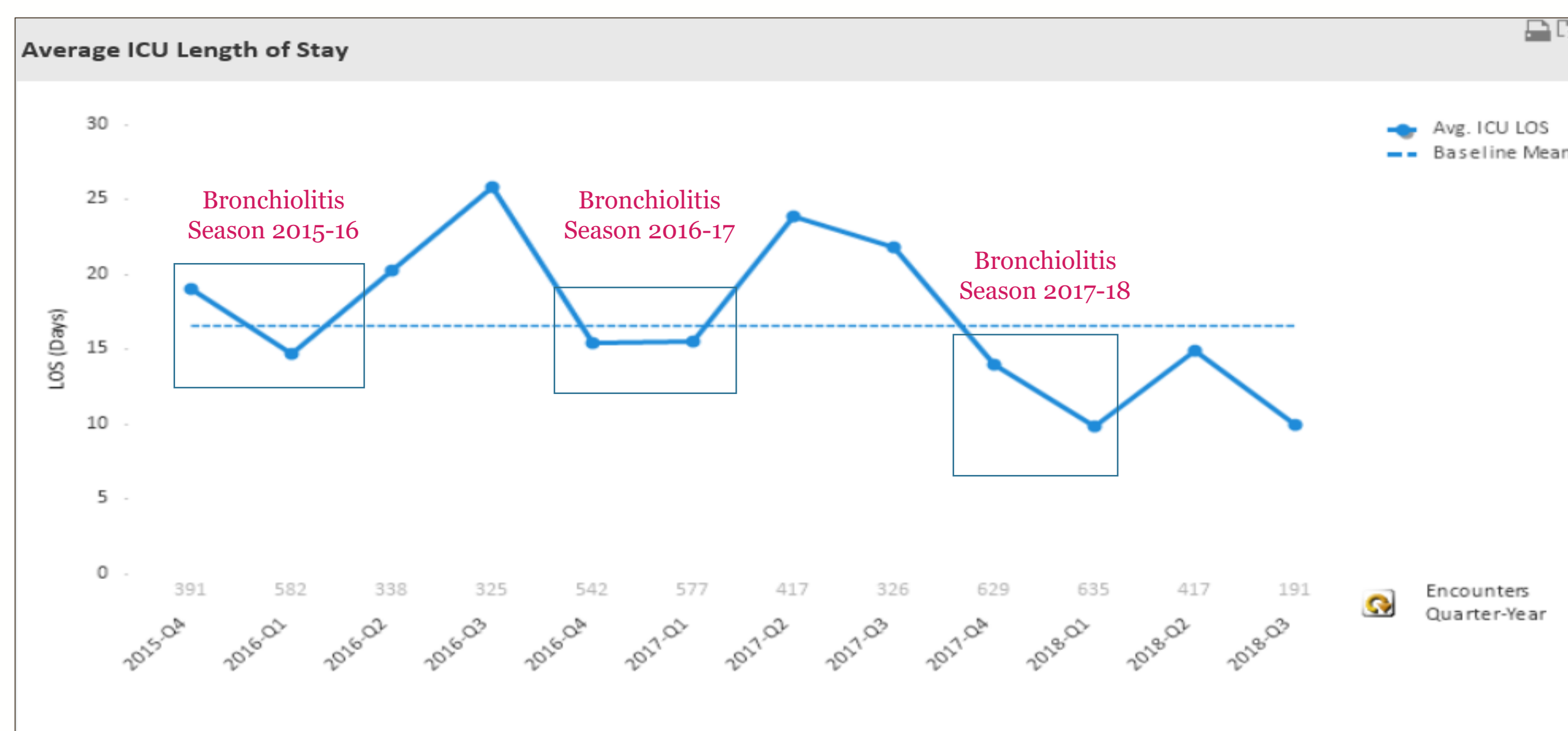
- Aim: Reduce the admission rate of ED asthma patients by 10%
- Strategies: Revised ED Asthma pathway to optimize early treatment; provided feedback around admission rates to ED providers

SPC Control Chart for hospital LOS/100 EDs



High Flow Nasal Cannula/Bronchiolitis

- Aim: Save 50 ICU bed days/year for patients with bronchiolitis on HFNC
- Strategies: Safely expanded use of higher flow rates outside of the ICU; established a flow chart and weaning recommendations



Global Aim

Save patient days by reducing unnecessary admissions and reducing length of stay.

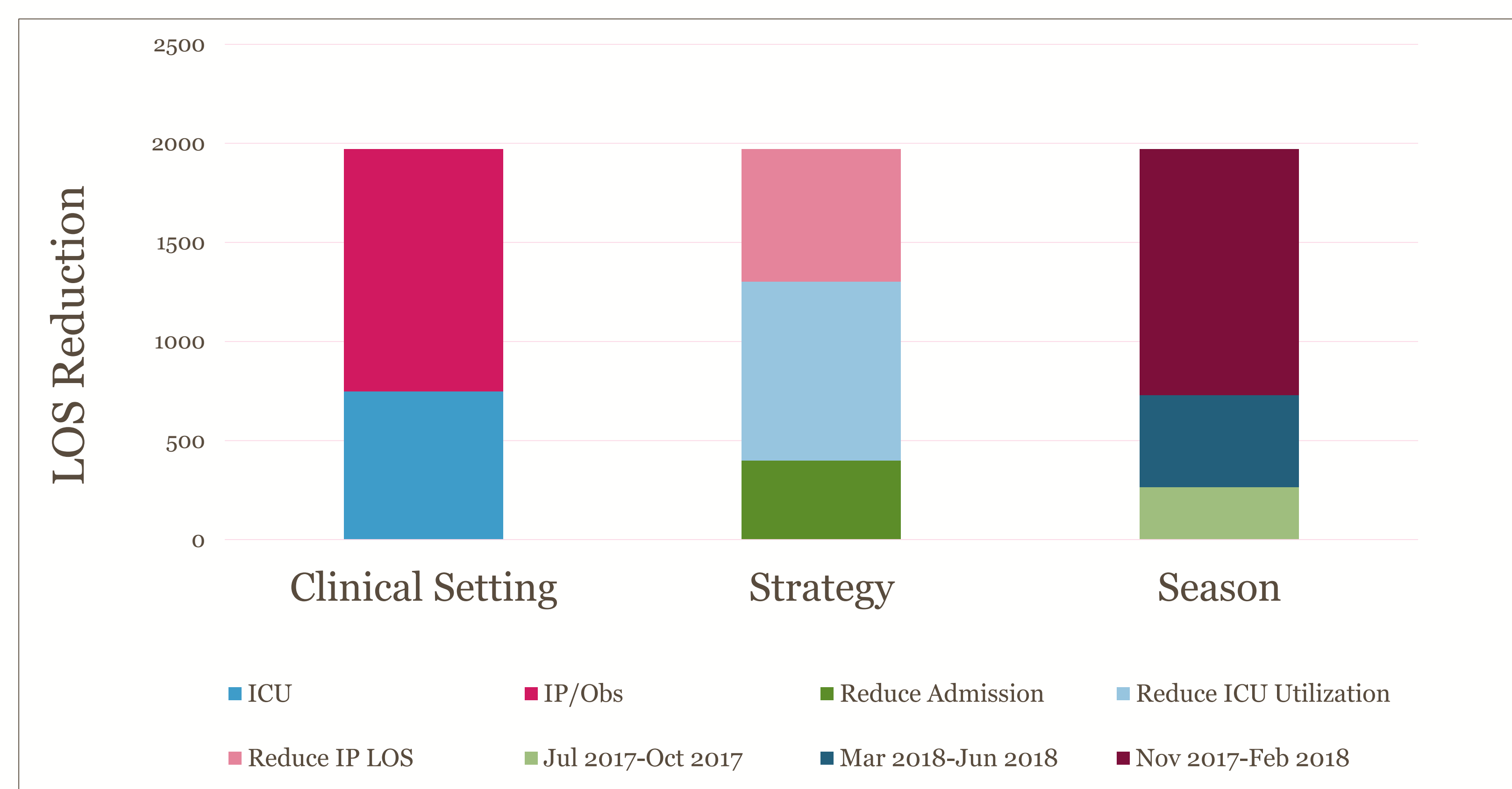
SMART Aim

Save 1,000 bed days by June 30, 2018.

OUTCOMES

Highlights include:

- The Emergency Department reduced the admission rate for children with asthma from 31.5% to 28% for a savings of **144 days**
- Standardizing protocols for HFNC saved **599 ICU days**
- Redesigning communication, education, and discharge planning for patients with a new tracheostomy saved **435 days**



IMPACT

1,969
TOTAL DAYS SAVED

1,221
Hospital Days

748
ICU Days

NEXT STEPS

Continue identifying opportunities to reduce admissions and shorten length of stay, with a focus on our complex patient populations. Our goal for Fiscal Year 2019 is to save 1,500+ days.



Increase Effectiveness & Efficiency



Reduce Unnecessary Care



Keep Kids out of the Hospital