

# 2017 Data and Outcomes Report





Nationwide Children’s Hospital Homecare is part of the nation’s largest pediatric hospital, and the only home health provider in central Ohio specializing in home-based pediatric care. Homecare’s seven service areas provide patients with the continuum of care they need when discharged to recover in their home.

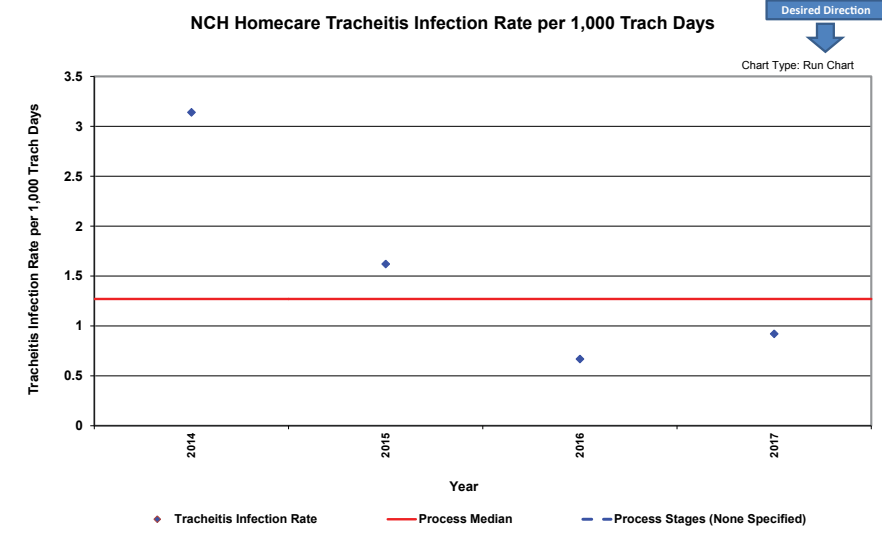
2017 activity and information from January 1 through December 31 is below.

- **Infusion Pharmacy** – 89,695 Doses Dispensed / 9,639 Prescriptions Filled / 2,659 TPNs / 22,638 Central Line Days
- **Pediatric Home Medical Equipment** –14,332 Medical Supply Deliveries
- **Retail Medical Equipment and Supplies** – The Store at Lewis Center provides families throughout central Ohio and beyond a space to view and shop for the home medical supplies their children may need, as well as a space to try on and ensure the appropriate fit for orthopedic supplies, such as sports braces and shoe inserts.
- **Intermittent (Short-term) Nursing** – 9,910 Patient Visits
- **Private Duty (Long-term) Nursing** – 70,979 Nursing Hours
- **Skilled Therapy Services (OT,PT, Speech)** – 7,402 Visits
- **Hospice and Palliative Care Services** – 1,193 Hospice Patient Days and 1,474 Palliative Care Visits



A leader in reducing Tracheitis infection rates when compared nationally with other pediatric home health agencies, Homecare tracks and analyzes trach care protocol as a part of the patient care process.

**43%**  
Reduction in  
Tracheitis Infection  
since 2015

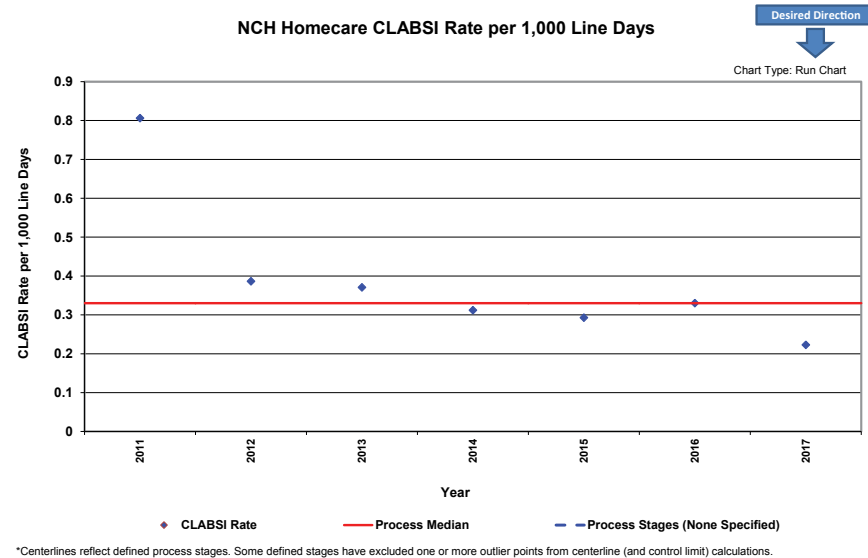


# Tracheitis Infections	23	12	5	6
Trach Days	7325	7404	7472	6512

# 33%

**Reduction in Central Line Associated Blood Stream Infection (CLABSI) rates in 2017**

Homecare data has reported overall CLABSI rate reduction since 2011, proving best CLABSI scores among 14 peer, pediatric home health agencies.



# CLABSIs	20	12	10	8	8	8	5
Line Days	24811	31054	26970	25637	27314	24223	22427

# 98.8%

**Homecare scores 98.8% on Patient Satisfaction Surveys.**

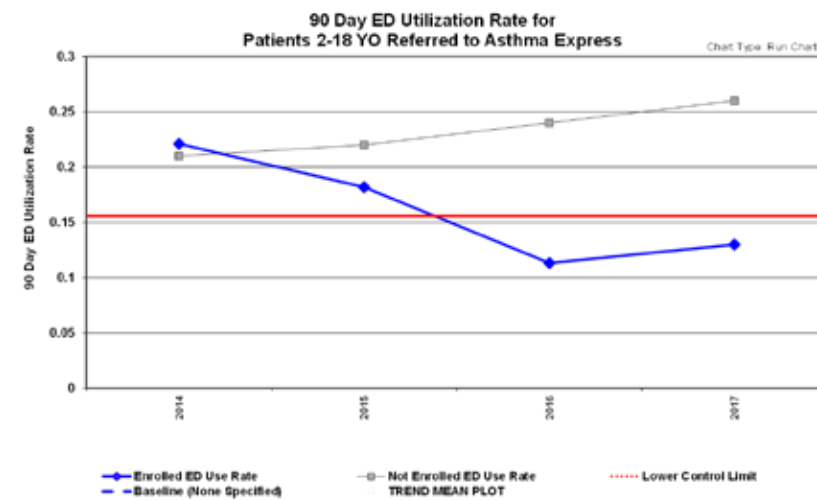
Homecare is also leading the way in Patient Satisfaction rates when compared to pediatric home health agencies across the country. Families of Homecare patients were asked to rate the care they received on a five point Likert scale – ranging from Very Good to Very Poor. Response rankings from Homecare families for 2017 were 98.8% Very Good ranking.



Patient data for those enrolled in Homecare's Asthma Express reports that only 13% visited the ED within 90 days or less. In comparison, 25% of asthma patients who were not enrolled in the Asthma Express program were seen in the ED within 90 days of their last visit to their primary care physician. The Asthma Express program provides follow-up education and instruction at home for the caregivers and newly diagnosed asthma patients. During the home visit a nurse provides a physical and environmental assessment to help identify triggers, along with a review of medications and development of an action plan to help address flare ups at home. The program was created to support Nationwide Children's Hospital goal of decreasing the number of ED visits. See below for specifics of the Asthma Express goal and percentages reached by December 31, 2017.

# 13%

**Reduced the 90 Day ED Utilization Rate by Patients 2-18 years old, enrolled in Homecare's Asthma Express to 13%.**



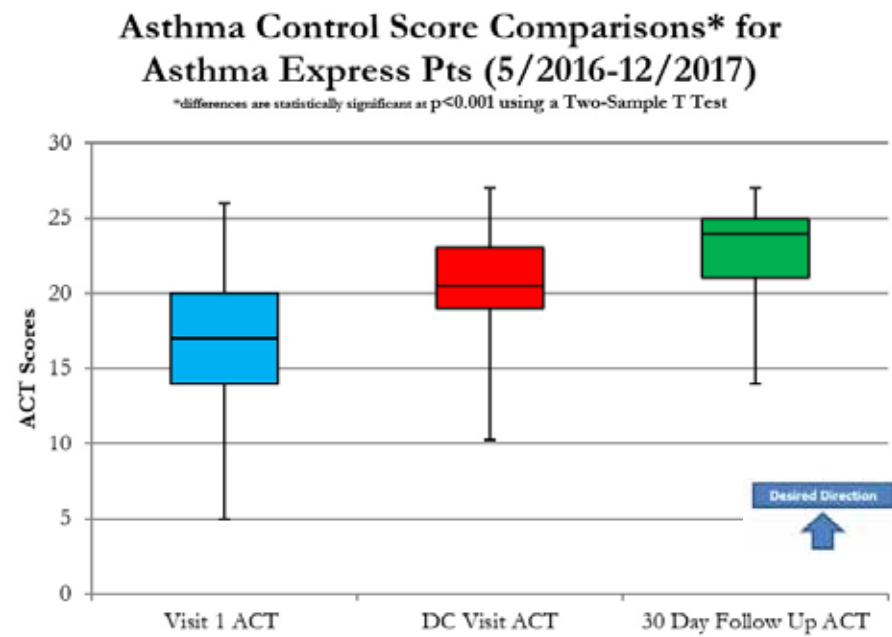
**85%**

**of Asthma Express Patients Reporting a 30 Day Follow-up ACT Score of 20 or Higher and Sustain 1 Year.**

**AIM:**

Increase the Percent of Asthma Express Patients Reporting a 30 Day Follow-up ACT Score of 20 or Higher - from 85% to 90% by 12/31/17, and Sustain 1 Year.

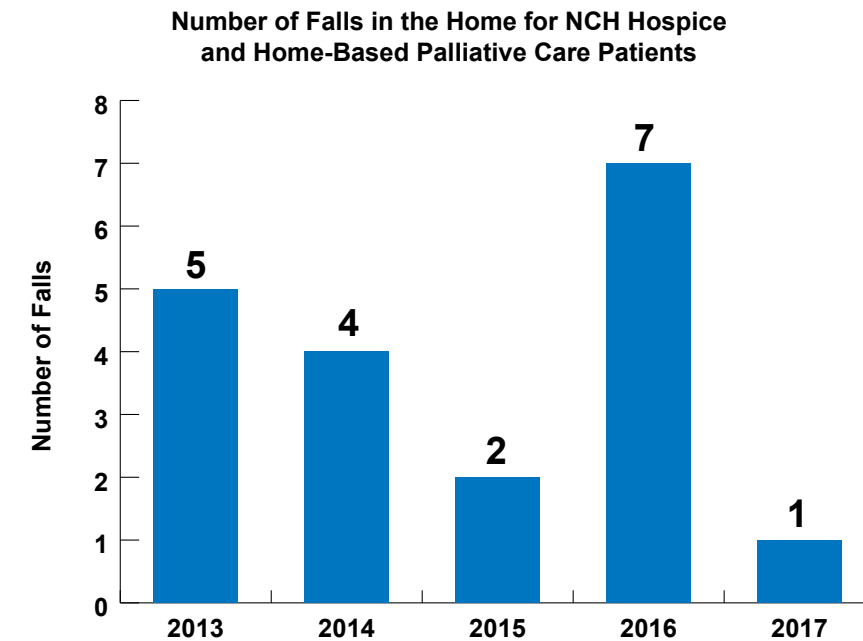
- Data for Patients >4 yo Enrolled in and Completing the Program between May 2016 and December 2017
- 124 patients
- Visit 1 ACT mean = 16.8
- 30 Day FU ACT mean = 22.93
- Stays same
- Visit 1 ACTs  $\geq 20$  (27% of sample) and FU ACTs  $\geq 20$  (85% of sample)



Homecare's Hospice and Palliative Care staff knows falls are an important health care issue. Fall prevention and treatment requires a multi-factorial approach. The staff performs a comprehensive assessment of the patient and their environment during intake to determine the factors which create risk, and then work with the patient and family to decrease those risks.

**50%**

**Reduction in the Number of Falls for Home-Based Hospice and Palliative Care Patients. Sustain Indefinitely.**  
 Jan 1, 2017 – Dec 31, 2017



Nationwide Children's Hospital Homecare QI initiatives are not limited to the above programs. For more information about Homecare service lines visit [NationwideChildrens.org/Homecare](http://NationwideChildrens.org/Homecare). If you have questions regarding the above or other QI projects, contact Homecare Liaison, Carolyn Figi at [Carolyn.Figi@NationwideChildrens.org](mailto:Carolyn.Figi@NationwideChildrens.org), or QI Coordinator, Kelly Kersey at [Kelly.Kersey@NationwideChildrens.org](mailto:Kelly.Kersey@NationwideChildrens.org).