

Asthma Home-Based Case Management Program

October 18, 2022

Program Overview



Visit 1 - Asthma Education

↓ 2-3 weeks



Visit 2 - Environmental Assessment

↓ 4-6 weeks



Visit 3 - Discuss Progress & Goals

↓ 6 months



6-Month Follow-Up Call

↓ 6 months



12-Month Follow-Up Call

Program Status

- TriCounty was unable to successfully implement the program due to insufficient capacity and the COVID-19 pandemic.
- Southeast Utah Health Department is now serving TriCounty and San Juan Health Districts.
- 30 participants reached the 12-month follow-up.



Program Goals



Improve quality of life for
Medicaid members with
asthma



Increase use of asthma
control medications



Increase the number of
Medicaid members with
well-controlled asthma



Reduce asthma-related
hospitalizations, emergency
department, and urgent
care visits



Improve quality of life
for Medicaid members
with asthma

- ↑ **100%** of participants said the program would improve their quality of life
- ↑ **100%** of participants said they will use what they learned to better manage their asthma
- ↓ **70%** decrease in total missed school days
- ↓ **78%** decrease in total missed work days



Increase use of
asthma controller
medications

From Visit 1 to Visit 3:



41% improved controller
medication use

"We now know how
important our control
medication is to free up his
life and activities."

"(The program) has given me
access to things I just wanted
to ignore, like using my
inhalers correctly and making
an asthma action plan."



Increase the number of
Medicaid members with
well-controlled asthma

From visit 1 to 12 month follow-up:



60% of program participants went
from uncontrolled to controlled
asthma



94% of program participants
improved their asthma control

"This program helped me have a lot more knowledge about how to keep my asthma under control. My asthma action plan has helped me a lot...Thank you for this help."



Reduce asthma-related
hospitalizations,
emergency department,
and urgent care visits

12 months pre-program to 12 post-program



40% decrease in total visits

Percent of participants with any visit



37% pre-program (12 months)
decreased to 10% post-program (12
months)

"These visits improved my son's
quality of life, he is breathing so
much better. I can't imagine
where we would be without this."

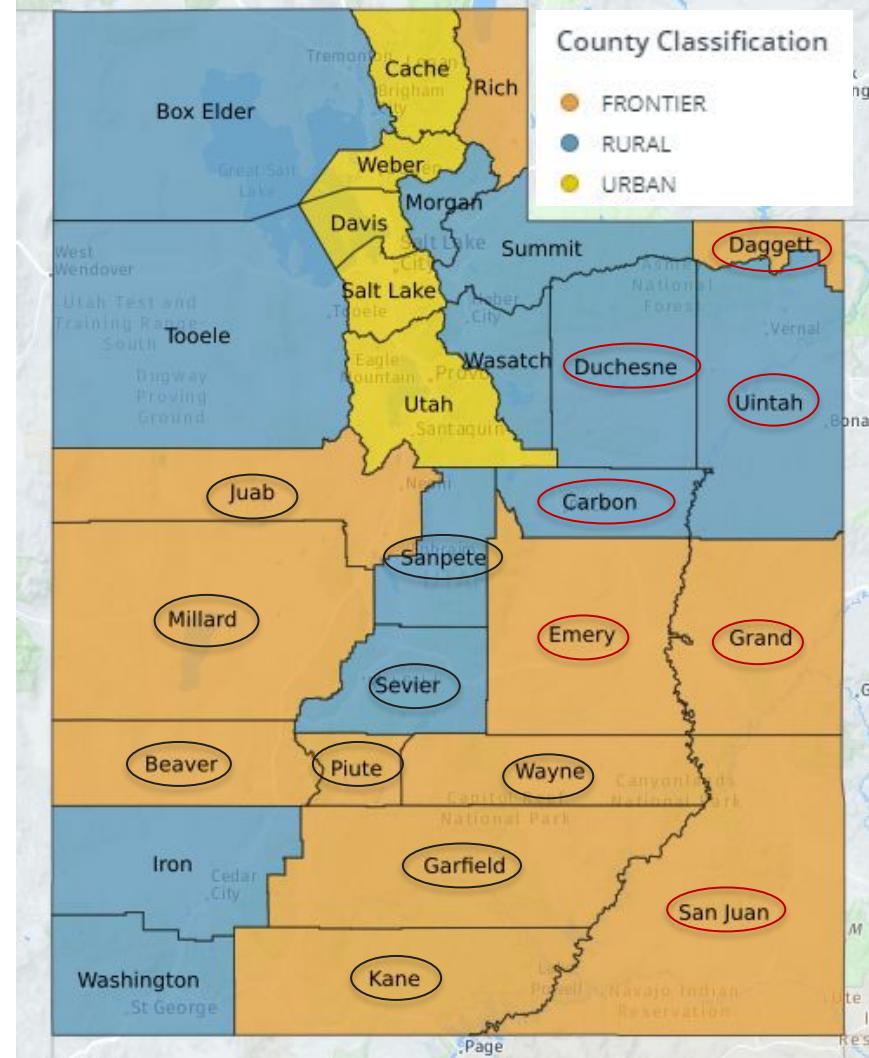
Program Costs

- 37% with costs before enrolling, 10% with costs after completing
- Savings generated (N=14)
 - \$1,778 saved in reduced claims costs
 - With small referral pools in fee-for-service areas, it is difficult to realize cost savings
- Who received the savings?
 - Costs for the program were greater than savings generated
 - Southeast costs: \$54,813
 - TriCounty costs: \$20,522



Options and Costs for Expansion

- Recommendation: Expand the referral pool with Southeast serving additional fee-for-service counties
 - Requires permission from local health officers
 - No additional cost
- Alternative option: Health educator provides additional services for Medicaid members
 - No additional cost



Proposed Quality Measures

DHHS recommends evaluating program effectiveness in future years based on these measures

- Asthma Medication Ratio (NCQA)
 - Percentage of individuals with controller medication ratio of 0.5 or greater
- Asthma Admission Rate
 - Inpatient hospital admissions for asthma per 100,000 member months



Questions?

Jennifer Strohecker

jstrohecker@utah.gov

385-280-3659

Anna Fondario

afondario@utah.gov

385-258-8537

