

Utah Asthma Home Visit Program



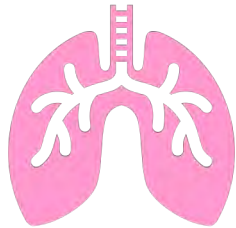
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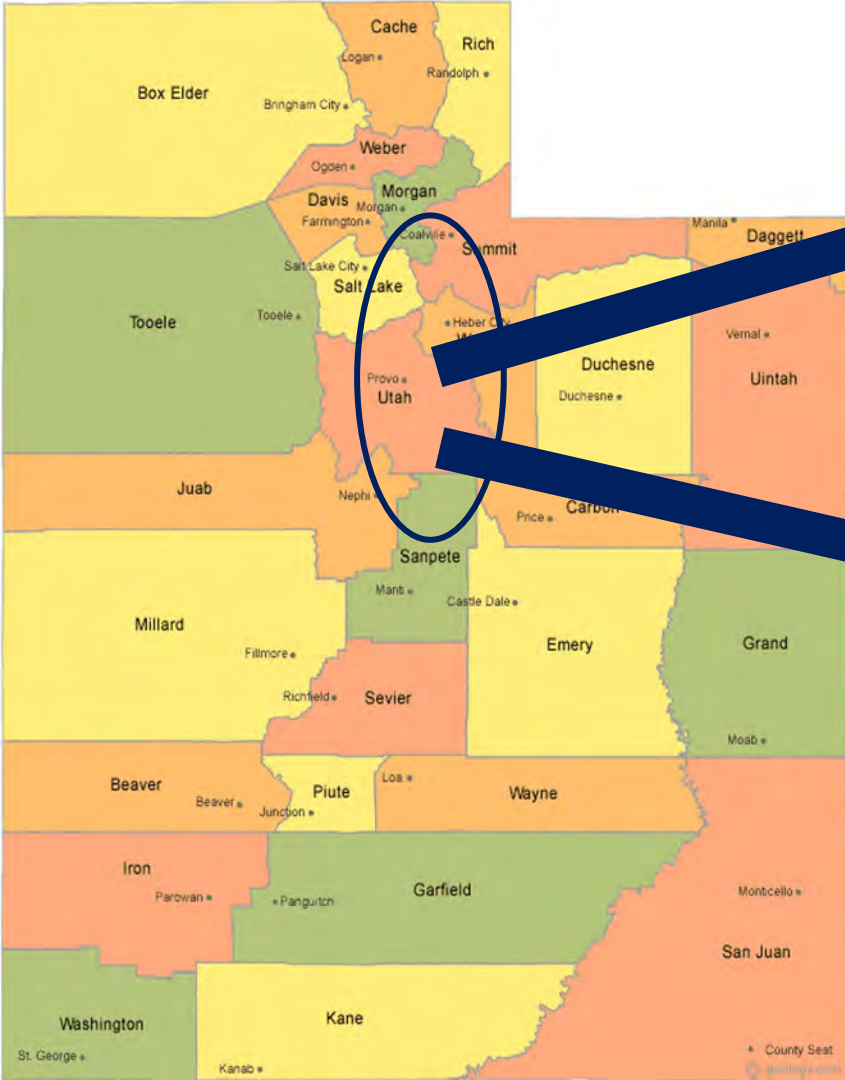
Utah Asthma Program

Formed in 2001 with funding from the CDC National Asthma Control Program.



Utah Asthma Home Visiting Program (UAHVP)

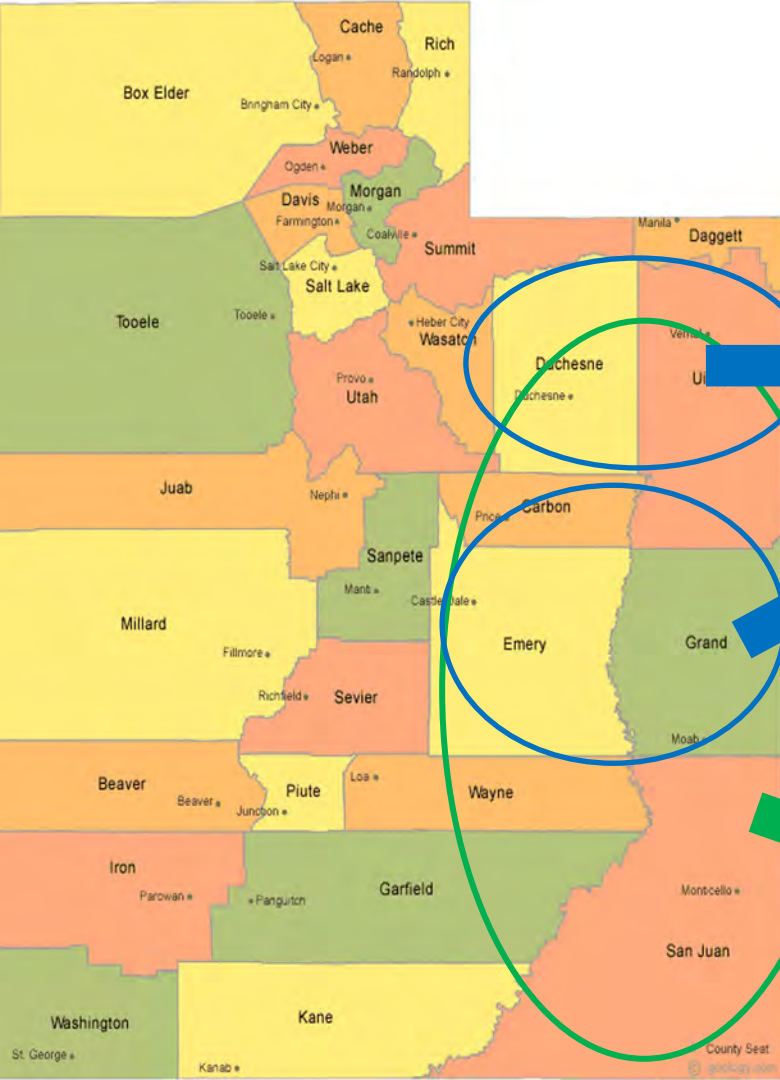




2 counties funded in 2015 **

**Utah County funded since 2009 with an asthma mini grant

**Had Certified Asthma Educator



2. Medicaid Pilot Project

3. Regional approach
Combined both frontier areas

Salt Lake County



<https://www.utah.com/destinations/cities-towns/salt-lake-city/>

Utah County



<https://kslnnewsradio.com/1938069/utah-one-of-the-fastest-growing-states/>

Pilot counties.....



<https://www.uen.org/counties/duchesne.shtml>



<https://www.utah.com/destinations/regions/wasatch-back/duchesne-county/>

Visit Format



Visit 1 - Asthma Education

↓ 2-3 weeks



Visit 2 - Environmental Assessment

↓ 4-6 weeks



Visit 3 - Discuss Progress & Goals

↓ 6 months



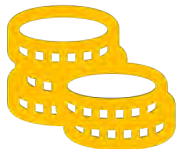
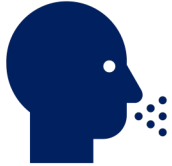
6-Month Follow-Up Call

↓ 6 months



12-Month Follow-Up Call

Target Population



ED Visit
or Hospitalization



Course of Oral
Steroids



Asthma
Control
Tests





Visit 1

Learn about asthma symptoms, triggers, medications, and inhaler technique.



Visit 2

Walk through your home to identify asthma triggers, then set goals to reduce these triggers.



Visit 3

Discuss progress on controlling your asthma and reducing triggers.



Salt Lake County - GHHI



Utah County



Regional Area



Environmental Services

- Asthma trigger education & In-home assessment
- Referral to home remediation services as needed



Green & Healthy Homes Initiative | **Salt Lake**



Community-Based Organizations

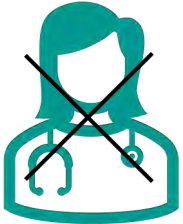


Local Housing Authorities



CDBG - Community Development Block Grants

Make Connections



No doctor?



No
insurance?



Social Determinants of Health Screening



Food



Utilities



**Help affording
prescriptions**



Housing



Transportation



**Work
Resources**



**Education
Resources**



**Substance Abuse
Services**



**Mental Health
Services**



**Domestic Violence
Support**

Referral to Community Resources

way to **quit** .org

SAFE
K:DS
WORLDWIDE®



UTAH
FOOD
BANK



Current Status



- 535 enrolled
- 456 have completed the program
- 290 have completed 12-month follow-up

Program Outcomes



Reduces Unwanted and Costly Events *
12 Months After Completing the Program



80% decline in average missed work days.



51% decline in average missed school days.



41% reduction in average unplanned doctor visits.



51% reduction in episodes requiring an oral systemic corticosteroid.



75% reduction in asthma-related ED visits.



87% reduction in asthma-related hospitalizations.

*Self-report data collected at visit 1 and 12 months after visit 3

Partnerships



Asthma Task Force

Mission - Utah communities working together to improve the quality of life for people with asthma.



**Healthcare
Systems**



**Housing
Organizations**



**Government
Organizations**



**Community-
Based
Organizations**

Local Health Departments (LHDs)



Words used by clients to
describe home visitors:

Helpful

Kind

Knowledgeable

Genuine

Caring

**100% of
clients
agreed or
strongly
agreed:**

- The home visiting program exceeded my expectations
- I have a good relationship with the home visitor
- The program will improve my quality of life
- I learned a lot from the home visitor



Intermountain Primary Children's Hospital

- Refers high-risk patients to asthma home visiting services.
 - 350+ referrals received.
- Conducted analyses to compare healthcare utilization among referrals who declined vs. completed the UAHVP.
 - 67% decrease in the mean number of ED visits among those that completed the program.
 - Data administrators shared findings with colleagues at SelectHealth, which led to conversations on reimbursement.

Primary Children's Hospital

Identify

Hospital data administration set up a data query to identify patients that qualify for referral to the UAHVP.

Consent

Referral list sent to case management department to call and get consent to release information to LHDs.

Services

LHDs call referrals and provide home visiting services.

Feedback

LHDs fill out a spreadsheet on patient status at the end of each month and e-mail it to hospital staff.



Green & Healthy Homes Initiative™ | Salt Lake

Brings together partners, resources, and funding to implement housing strategies to create healthy, safe, and energy efficient homes.

Visit 1

- Health educator screens for Green & Healthy Homes eligibility criteria

Visit 2

- Green & Healthy Homes staff complete an environmental home assessment
- Clients receive a mattress and pillow cover, air filtration unit, cleaning supplies, and HEPA vacuum
- Assistance is provided to apply for remediation services



Utah Pediatric Partnership to
Improve Healthcare Quality

- Promote guidelines-based asthma care
- Quality improvement learning collaboratives for primary care and pediatric clinics
- All Payer Claims Database is used to identify geographic areas with high asthma burden and emergency department rates
 - Build referral channels and target quality improvement efforts with clinics in those areas.

Sustainable Financing



Sustainable Financing

Goal: Support the long-term sustainability of asthma home visiting services in Utah.

Sustainable Financing Strategies

- Technical Assistance
 - CDC 6|18 Initiative
 - CDC Economic Evaluation Training
 - National Centers for Healthy Housing
 - Data Stewards



National Center for
HEALTHY HOUSING

The Economic Case: Cost Savings and Return on Investment, 2019

Cost Components	Yearly funding provided to Local Health Departments to administer the program
Cost	\$120,000
% Decrease in Total ED Visits	70%
% Decrease in Total Hospitalizations	82%
Cost Savings	\$442,353.33
ROI	\$2.69 saved

Medicaid - Utah's Process

- Presented to Medicaid Medical Care Advisory Committee
 - 2017 - ranked 18
 - 2018 - ranked 9
- Included the UAHVP in a State Block Grant funding request (not approved)
- Requested funding through Medicaid administrative funds



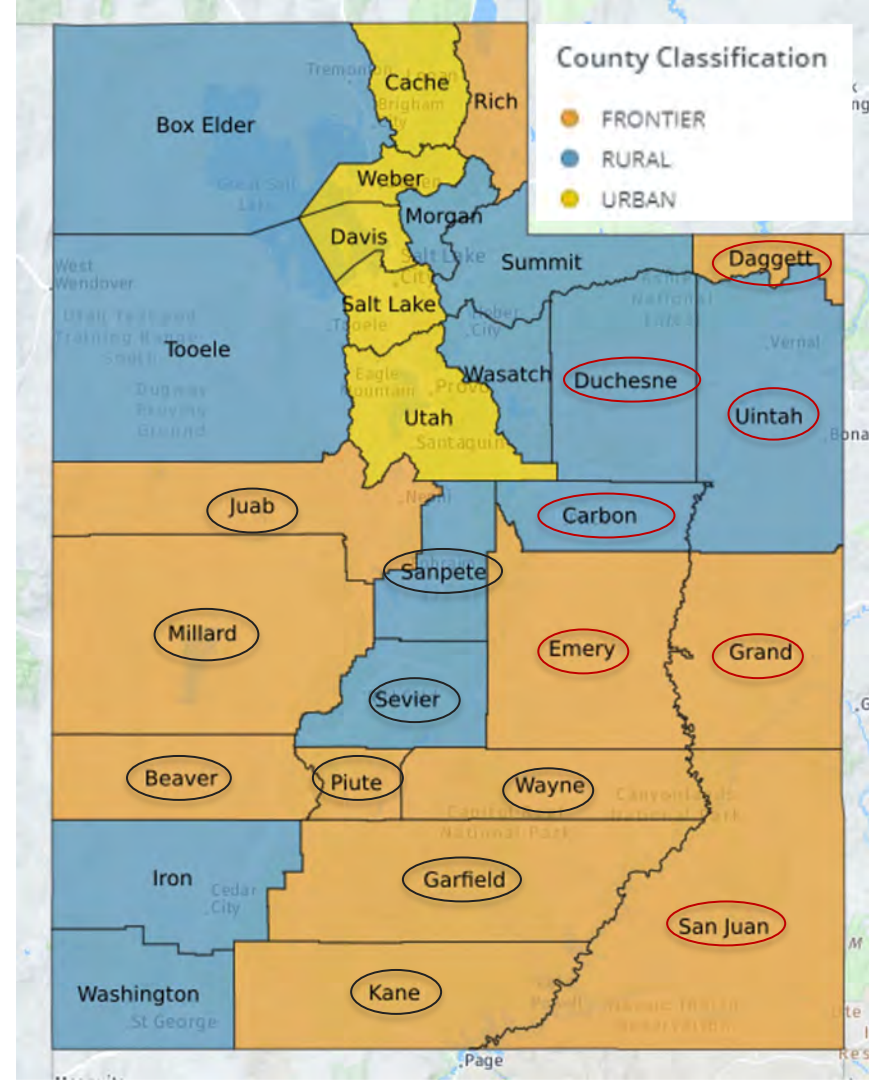
Medicaid

Pros & Cons of Different Avenues for Medicaid Funding

- Direct provider reimbursement
 - State plan amendment
 - Waiver
- Administrative cost reimbursement

Medicaid

- Eligibility limited to Medicaid fee-for-service areas in Utah, serving rural & frontier counties
- 2019 - Pilot contracts with two LHDs
- 2021 - Regional approach with one contract serving three LHDs
- Hoping to expand to 6 additional counties in 2022 or 2023





- Met with SelectHealth Medicaid management to present UAHVP outcomes among SelectHealth members
- SelectHealth supported an analysis on cost savings
 - Contracted with local health departments
 - ROI analysis to be performed
 - Began in January 2022

University of Utah Health Plans (UUHP)

- UUHP helped develop asthma home visiting curriculum
- UUHP case managers attend quarterly Asthma Home Visiting Network meetings to coordinate efforts



- UUHP works with Green and Healthy Homes Salt Lake to provide an in-home assessment and trigger reduction supply kit to their members with asthma
 - Those that qualify for additional remediation services through the county are assisted in applying for those services

HEALTH CHOICE UTAH

- UAP presented during a 6 | 18 meeting on UAHVP outcomes
- Following this meeting, UAP and HCU discussed partnership to opportunities
- A draft revenue agreement was presented which outlined the UAHVP referral system, payment model, services, and responsibilities

Questions?



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Utah Department of

Health & Human

Services