



Summit County Health Department

2018 Annual Report

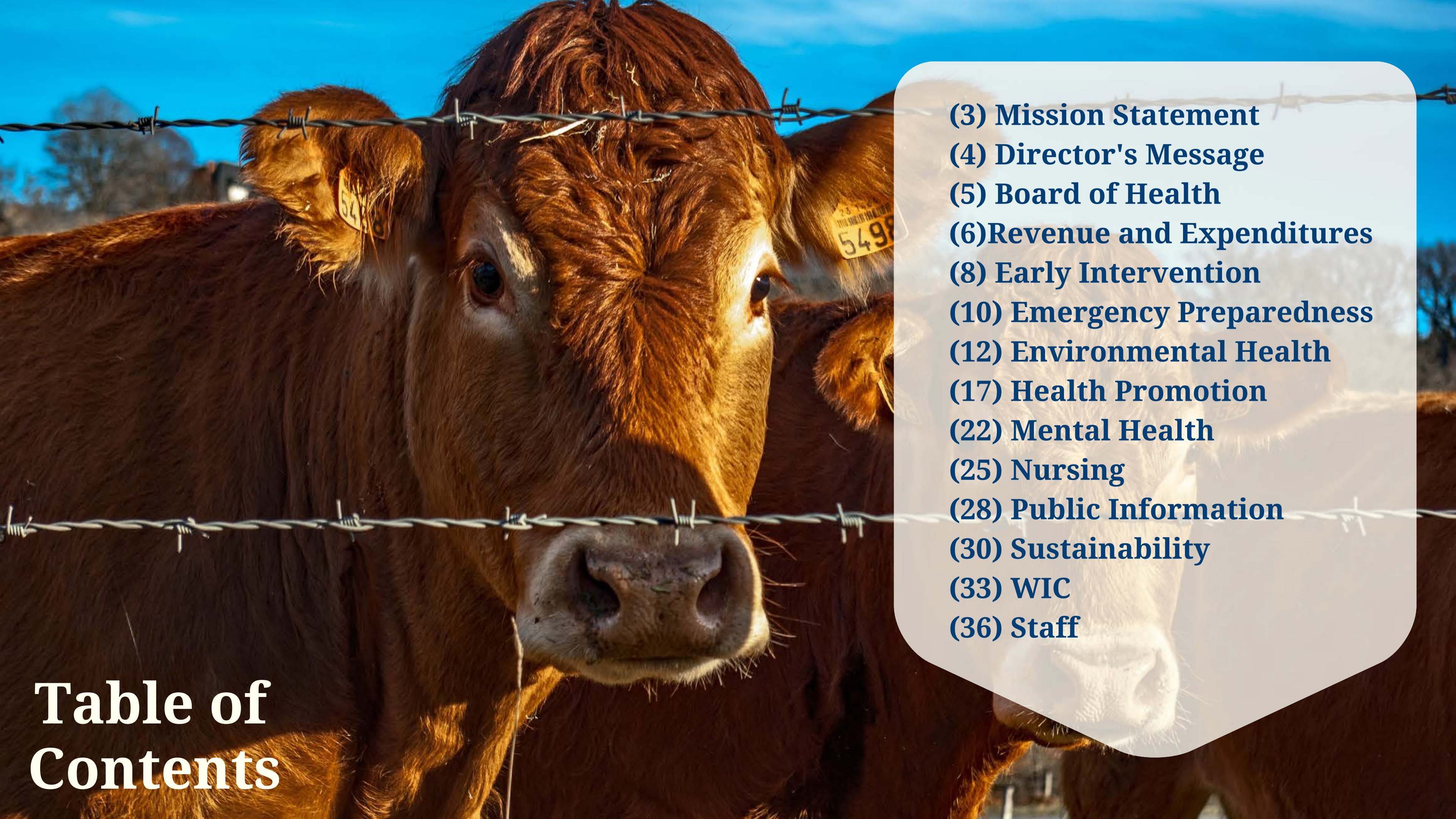


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A photograph of the Summit County Services Building, a modern structure with dark grey vertical slat siding and a brick base. A large American flag flies on a tall pole to the right. A white car is parked in the foreground. The sky is blue with scattered clouds. A green diagonal graphic is overlaid on the bottom left corner.

Our mission:

To promote and protect the personal and environmental health of Summit County and our residents and guests.

Director's Message:

2018 was a year of great progress for the Summit County Health Department. As we gather data and stories related to our efforts, we are reminded of the far-reaching impacts of the programs we provide. We are also reminded that we can't do this work without community partners, the Summit County Council, and the Summit County Board of Health. I personally thank them for this support, and for allowing us the honor of working towards our mission.

Summit County is diverse with respect to geography, economics, culture, and community needs. But, our similarities across communities are far greater than our differences. Across all areas of our County, there are those living with or working to prevent a chronic or communicable condition, needing support for a young child with developmental challenges, needing food assistance within their family, or perhaps simply wanting assurances that their food, air, and water are safe. In a nutshell, it is Public Health that provides, focuses, and directs efforts to meet these diverse needs.

As a department, we have chosen to focus on the "systems" that are cross-cutting regardless of community geographical location and regardless of the health or safety issue we are trying to address. These systems generally include schools, families, businesses, faith-based organizations, and, more generally, our community and environment. Approaching our work within a systems-based strategy allows us to leverage our limited staff, with partners, to have a greater impact.

A few examples of these efforts within systems include work in:

- **Schools:** Suicide prevention, tobacco/e-cigarette prevention, peer leader/support groups, diabetes education, safe kids events, emergency preparedness partnerships, child and adult vaccines, naloxone training, drinking water testing
- **Families:** Early Intervention, WIC nutrition support, Communities that Care, car seat inspections, diabetes education, suicide prevention, nutrition classes, child vaccines, women's health, fall prevention, emergency preparedness training, communicable disease testing and treatment, lead testing
- **Businesses:** Suicide prevention, diabetes prevention, fall prevention, flu vaccines, sustainability and energy reduction programs
- **Faith-Based Organizations:** Suicide prevention, mental wellness, health education, diabetes education
- **Community:** Mental wellness strategies and programs, conveners of community initiatives, emergency preparedness training, sustainability and energy reduction programs
- **Environment:** Water and air protection, food and restaurant inspections, public pools inspections, hazardous materials and spills response, walkable communities and active transportation, sustainability and energy reduction programs

As you can see, our work is far reaching and multifaceted. Everything we do is focused on health and safety, and everything we do requires partners. In Summit County, we are unusually fortunate that this work is so strongly supported by our communities. It is this support, and our partnerships, that allows us to succeed and makes our work so truly rewarding. Our staff and I sincerely thank you and look forward to continued partnership and even more progress towards a healthier and safer future.

2018 Board of Health:



Marc Watterson – Chair

Gary Resnick – Co-Chair

Ilyssa Golding

Heidi Jaeger

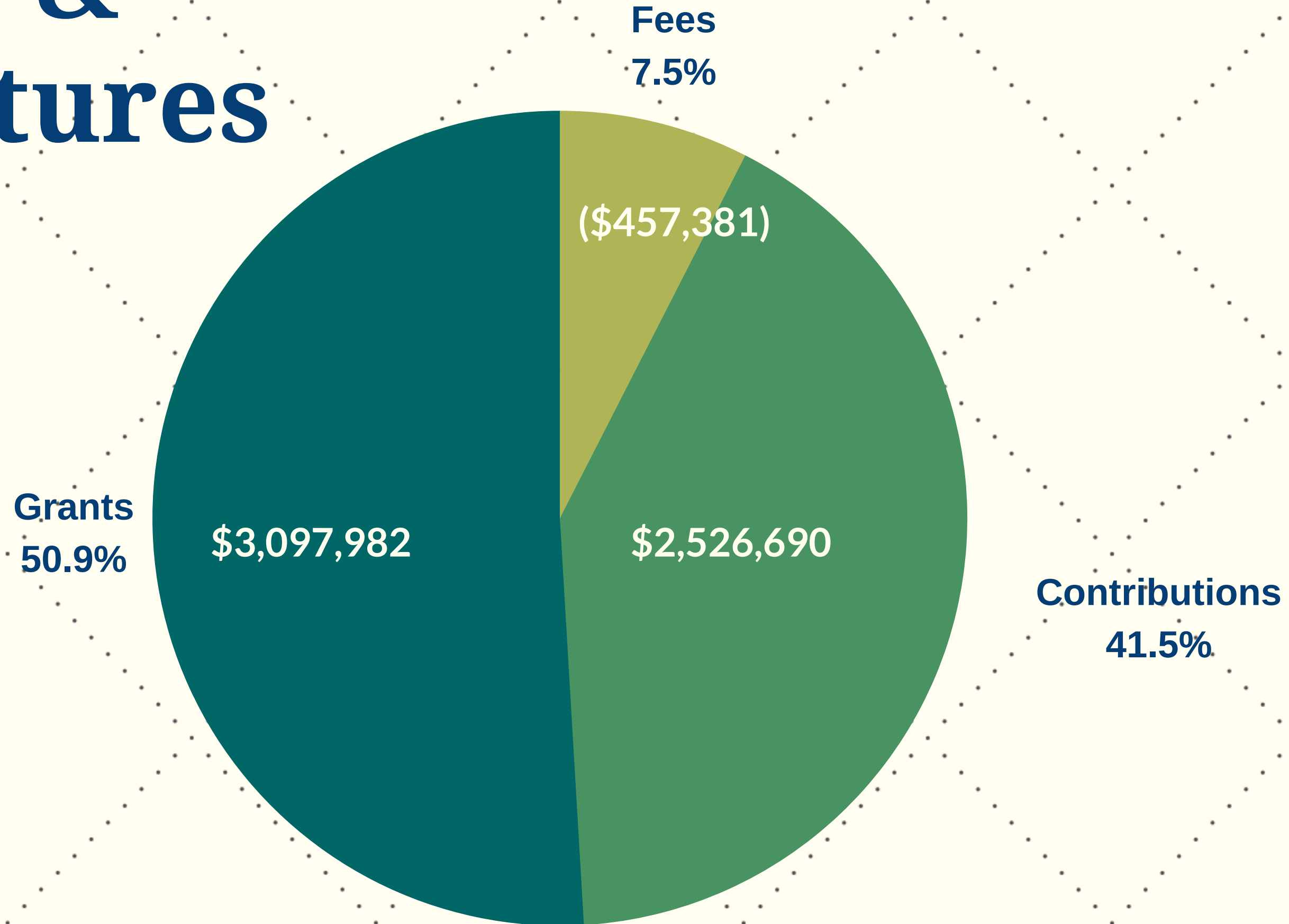
Kim Carson

Dorothy Adams

Chris Ure



Revenue & Expenditures



Total Revenue:
\$6,081,653



Revenue & Expenditures

*Expenses include facilities to balance the budget

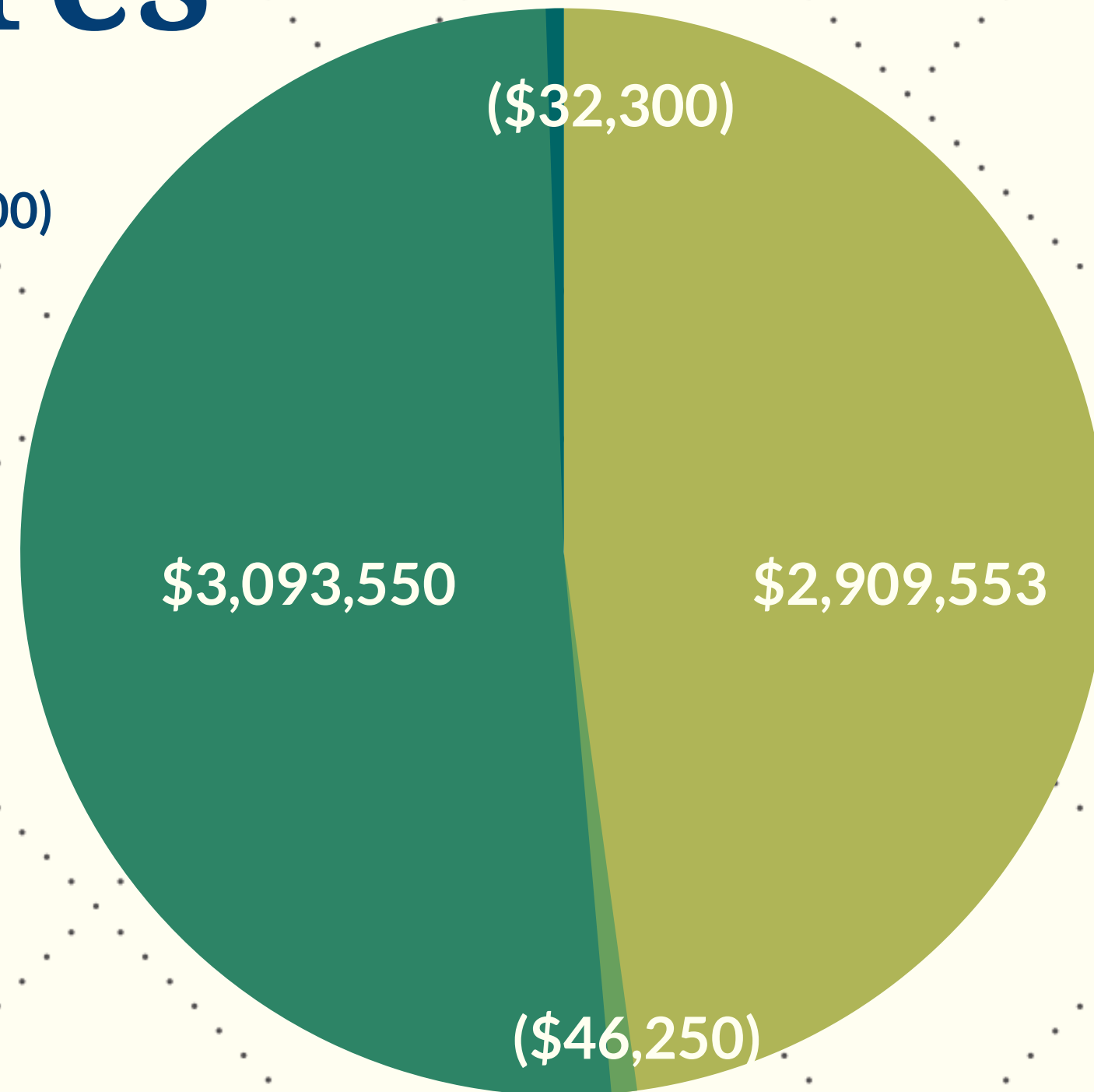
*2018 Expenses do not include Sustainability (\$206,100)

Wages/Benefits
50.9%

Equipment
0.5%

Current Expenses
47.8%

Total Expenses:
\$6,081,653



Training
0.8%

Early Intervention



Early Intervention Highlights

- Received a \$24,000 grant for children with Cerebral Palsy
- Conducted 2,574 visits
- Total referrals: 227
 - Birth to 1 year: 99
 - 1 to 2 years: 54
 - 2 to 3 years: 74
- Turnover has challenged staff
- Held first holiday party for EI children and parents
- Summit County had the second highest return rate for the Parent Compliance Survey in the state - up more than 10% from last year.
- Staff trained on Battelle Developmental Inventory
- Joined the Summit County Early Childhood Alliance



Emergency Preparedness



Emergency Preparedness Highlights

This fall, the SCHED underwent a UDOH Operational Readiness Review with positive results and recommendations in-line with our long-term planning assumptions.

Integrated with the Summit County Emergency Management Plan, the SCHED Public Health Emergency Management Plan, including the Strategic National Stockpile and Pandemic Response Plans, were reviewed, updated and formally adopted through Summit County Council resolution.

- PODS Training - Health Department staff participated in Point of Distribution Site (PODS) training focused on First Responder Care and medication distribution.
- Medical Reserve Corps (MRC) - structure, communication and planning improvements, MRC Emergency Operations Plan – 2018, regional participation with coalition partners .
- Community Emergency Preparedness Teams (CERT) - Summit County CERT volunteers are crossed-trained in public health disaster response, including Mass Care, Red Cross Shelters & PODS facilities.
- Summit County Emergency Alert System – implementation of a new, county-wide emergency alert system offering multi-modal emergency alerts to the public, volunteer, county staff and response agencies (including CERT and Medical Reserve Corps).

Environmental Health



Map location or sensor name

In 2018, Environmental Health expanded the outdoor air quality monitoring network with 8 new monitors. By using the PurpleAir monitors, we have been able to expand coverage throughout the entire county while still providing real-time information about air quality to the health department home page.

Map Data Layer: ? Conversion: ? X

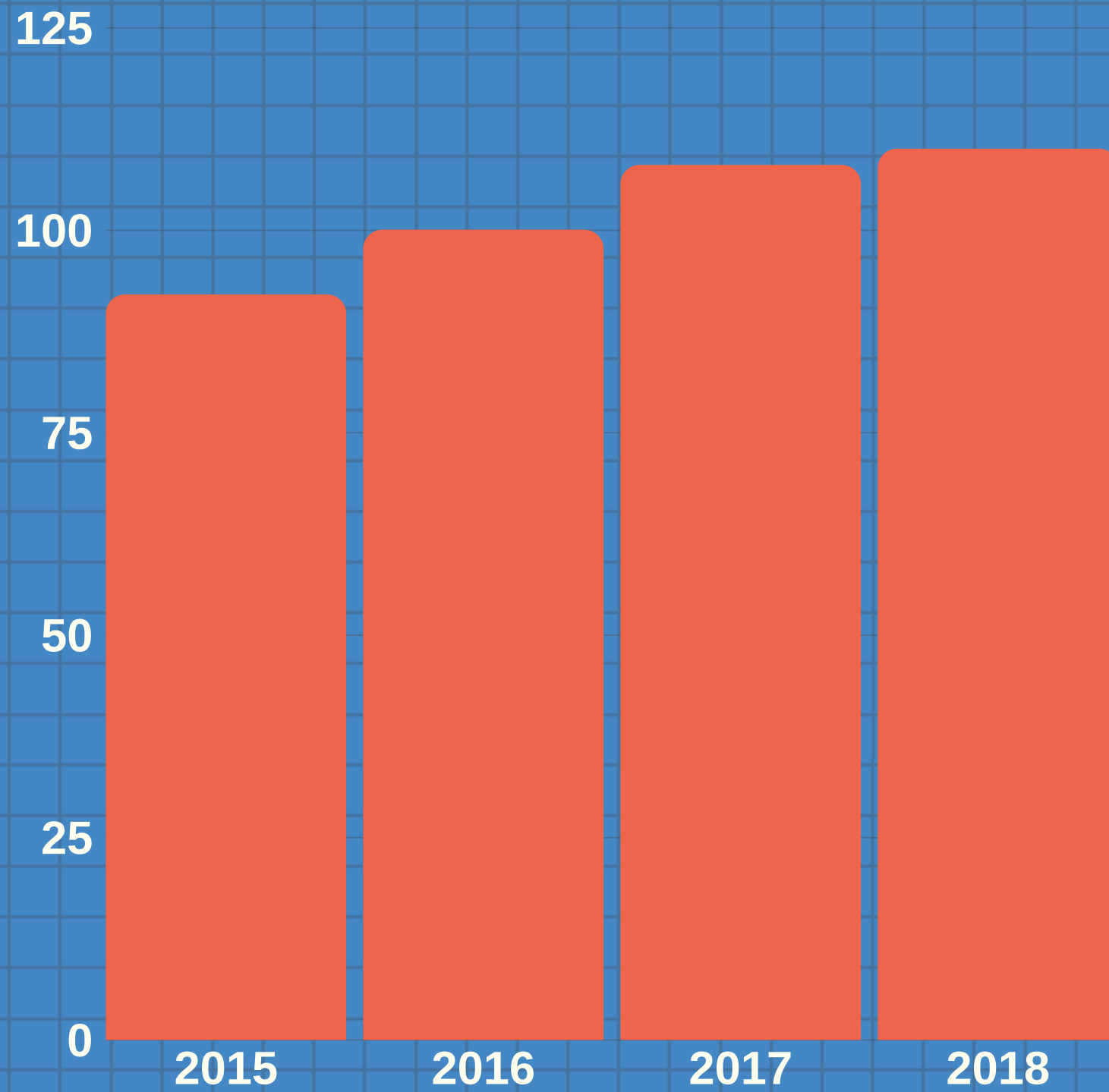
US EPA PM2.5 AQI ▼ None ▼

n/a | 0 | 150 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500+

Outside Sensors Inside Sensors Show My Sensors Show Rings (Averages)

January 16th, 2019, 9:40:12 AM MST

Environmental Health by the numbers:

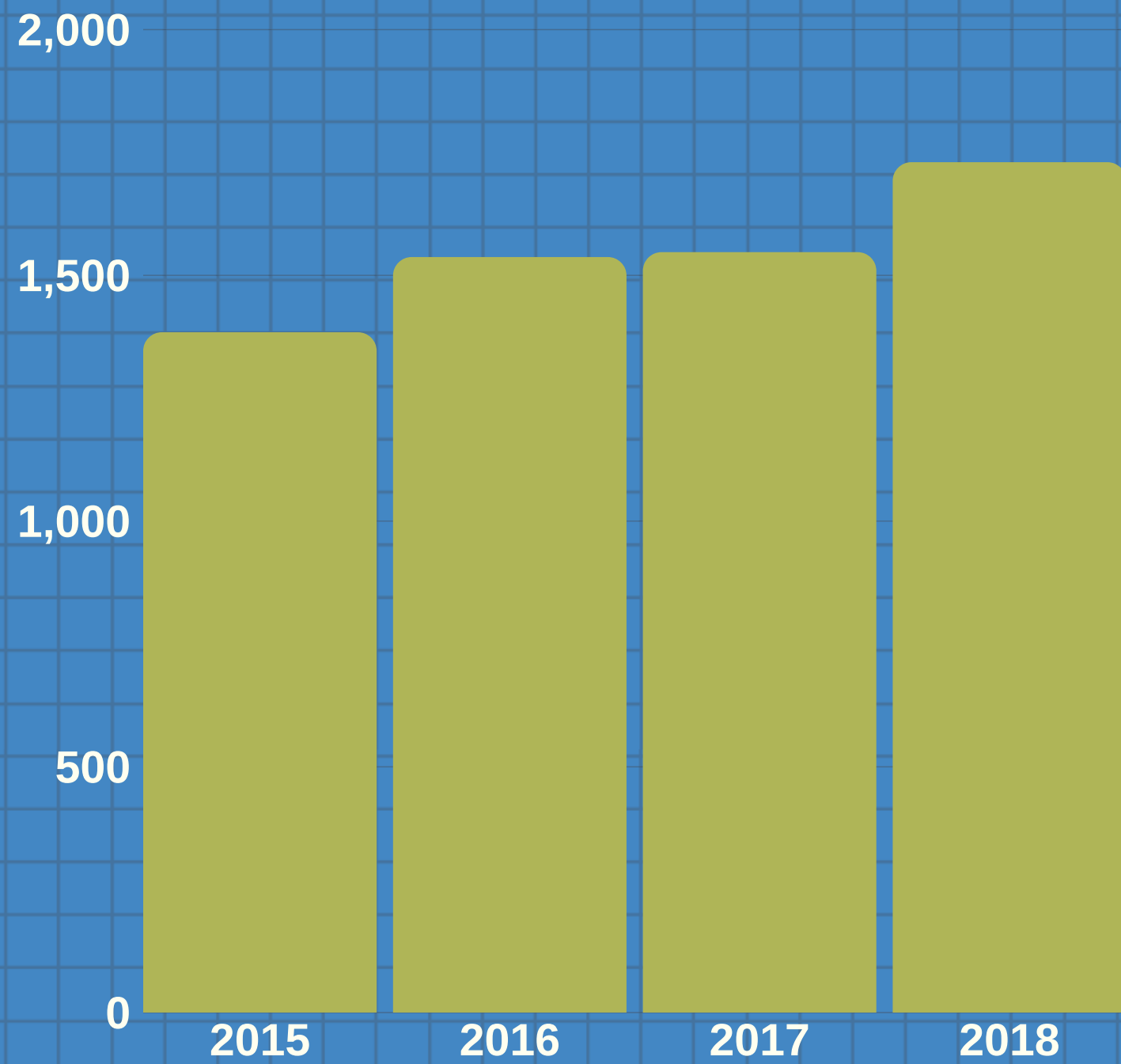


SEPTIC PERMITS

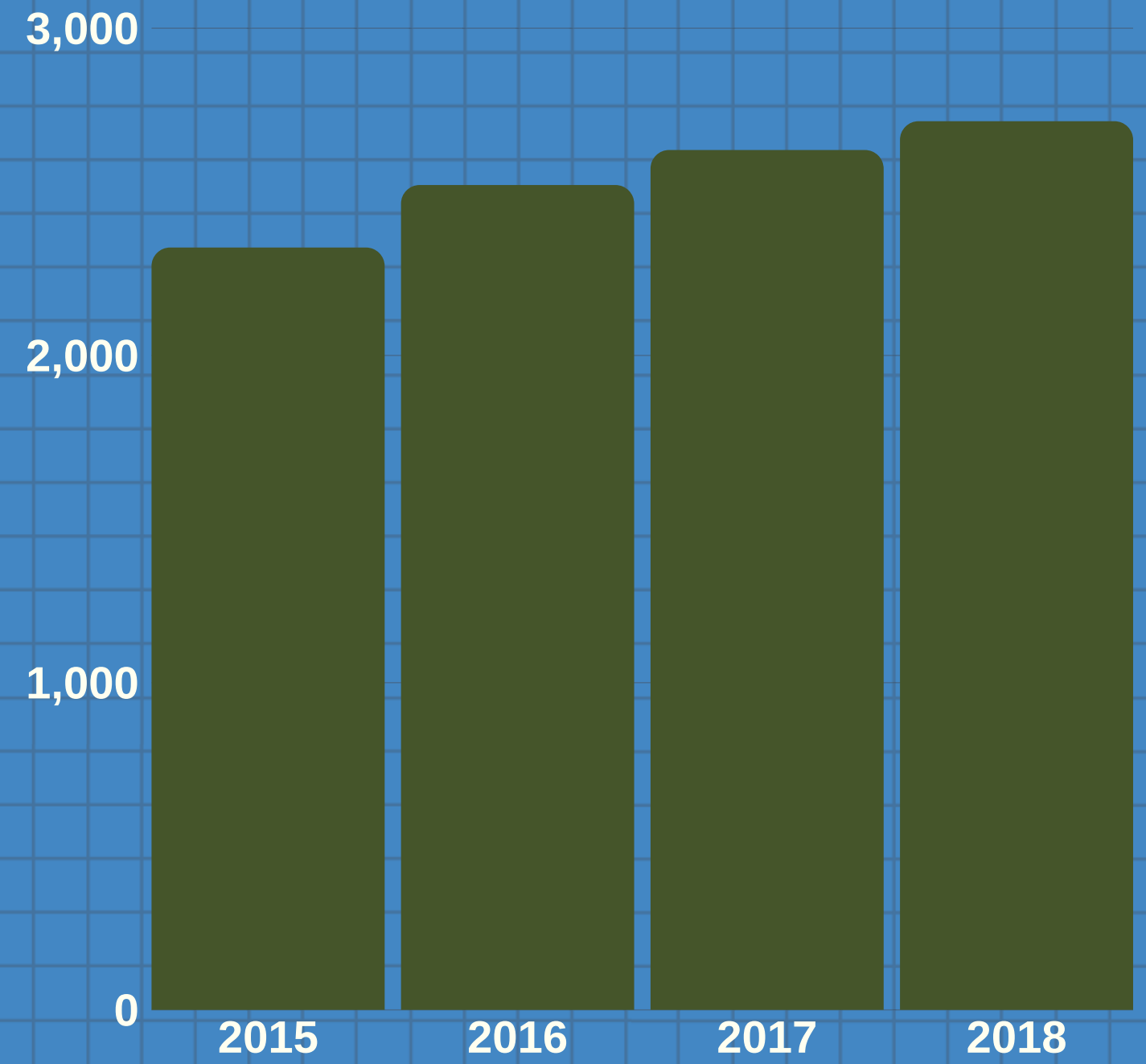


PERC TESTS COMPLETED

Environmental Health by the numbers:



DRINKING WATER SAMPLES



POOL SAMPLES

Environmental Health Highlights

- Completed Water Lab expansion to meet growing demands for services.
- Summit County experienced a significant spike in the number of regulated food trucks in our area. In 2017, EH inspected only 11 food trucks. After the amendment to the State Code, 56 new food trucks made their way to the area, resulting in nearly 100 inspections and complaint followups. This is a 400% increase over previous years.
- Nearly 15% of 330 permitted restaurants change to new ownership with a new name and new business plan each year. This includes plan reviews, review of equipment specifications, and pre-opening inspections. This has proved challenging for staff given the time and energy it takes to complete the plan review process. With new developments and business space proposed throughout the county, we do not anticipate this process slowing down.
- Growth in weekend and after-hour events: EH staff worked 42 of the 52 weekends in 2018. This includes holiday weekends such as the Fourth of July, Pioneer Day, Labor Day, and Thanksgiving. There has been a 200% increase in the number of events attended from 2017 to 2018.



**Health
Promotion**

Health Promotion Highlights:

School Health - Park City School District

SCHD provided monthly classes covering health topics to the after school program in Park City elementary schools. Topics included sugar consumption, physical activity, communication skills, safety habits, and healthy eating. Each month/1 day:

- Jeremy Ranch: 75 students
- Parley's Park: 75 students
- McPolin: 90 students

Park City School District is making efforts and changes to increase consumption of healthy food options by implementing Smarter Lunchroom Strategies.

School Health - South Summit School District

- Opportunities Night (in partnership with SS School District) reached 350 parents with information on bullying, improving communication between parents and teens, healthy relationships, violence and injury prevention, and healthy lifestyles.
- South Summit Elementary School Mileage Club Program: Partnered with the SSES PE teacher to help increase the amount of physical activity students receive during the school day. The program requires participation from both teachers and students from all grade levels and has been well received since its introduction this fall.

Community Market

- Provided Supplemental Nutritional Assistance Program (SNAP)/Electronic Benefits Transfer (EBT)
- Included involvement of inmates gardening program
- Less than 25% of Summit County adults report getting recommend daily amount of fruit and vegetables
- Approximately 300 patrons at all three markets
- 5 SNAP/EBT transactions and were able to provide 50% of our Double Up Food Bucks funding during the three markets

Market Activities

- Health and nutrition screenings/information
- Car seat check point
- Cooking demonstrations provided by USU Extension

Vendors & Partners

- Summit Community Gardens
- Summit County Inmates
- Mountain Song Farms
- Tagge's
- Mary's Gold Local Produce
- Rustling Aspen Farms
- Francis Family Farms
- Sheriff's department
- USU
- Park City Hospital
- Urban Food Connections
- Utah Department of Health
- Summit Community Gardens



Community & Employee Health

Employee Health

- Identified and fulfilled requests of 16 county departments interested in improving their workspace.
- Workplace requests included free weights, ball chairs, exercise bikes for desks, hand sanitizer, standing work stations, safety glasses, eye wash stations, resistance bands, and stress balls.
- Conducted shade audits of six county locations to determine if there was adequate shade for employees.
- Purchased 14 sunscreen pump stations and sunscreen for county employees to use at facilities.

Thumbs Up Program

Anaya's market is using the Thumbs Up program to highlight foods that are low sodium, sugar, saturated and trans-fats.

Additional Programming

- Diabetes Prevention, online class & in-person classes
- 8 participants with an average 6% weight loss as a result of lifestyle changes learned in class.
 - Spanish class had 6 participants with an average 10% weight loss as a result of lifestyle changes learned in class.

Tobacco Retail Permitting

- Summit County has permitted 34 retailers.
- All tobacco retailers are inspected bi-annually; no violations were reported in 2018.

Car Seat Safety

- Distributed & installed 34 car seats through Rosie's Car Seats.
- Hosted four car seat check point stations.
- Checked 90 car seats.

Front Line Blue Line events

Safe Kids Day in Coalville and Park City

Community & Employee Health

- 66 QPR trainings conducted reaching 1,085 people across Summit County (school districts, county employees, Park City Municipal employees, and community residents).
- Hosted 2 QPR *Train the Trainer* events, increasing our list to 31 active volunteers to provide community education classes.



Question. Persuade. Refer.



SUMMIT COUNTY
MENTAL WELLNESS
ALLIANCE

Mental Health & Substance Abuse

RESULTS OF 1ST ANNUAL REPORT

210 Community Partners provider over 22,000 volunteer hours equalling the work of 10.5 full time staff.

Thanks to the CCPC, space for the Summit County Clubhouse has been secured in their new facilities.

In partnership with UNI, implementing a jail based tele-assessment system.

CTC Program entering Phase 4 within 12 Months

Housing for female Drug Court participants has been secured.

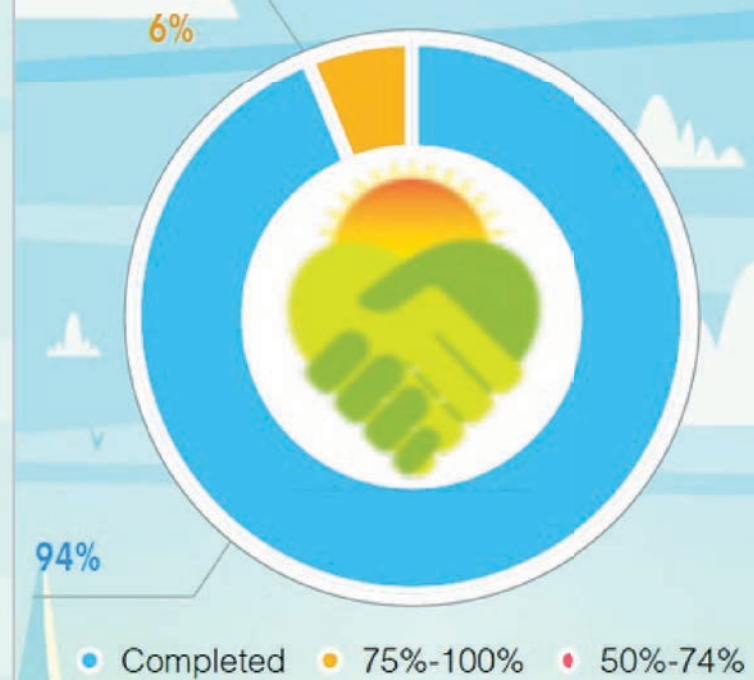
Saw reduction in provider wait times from 160 days to 140 days for medication management and a reduction of 90 days to 40 days for therapy.

Established the "Big 3 Meeting" for community based collaboration.

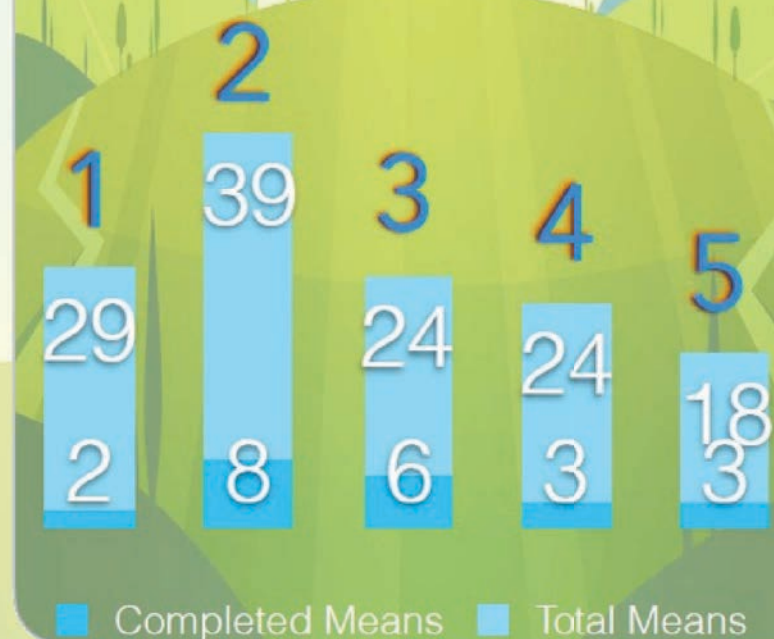
Experienced a 56% increase in SUD clients and 52% increase in Mental Health clients from fall 2016 to fall 2018*

~16% Completion of the Strategic Plan

Phase 1 Progress



Goal Completions



* Data for Local Provider only.

ADDITIONAL SUCCESS

Established the Summit County Provider Council as a direct link to County officials and private practitioners.

Thanks to the CCPC, space for the Summit County Clubhouse has been secured in their new facilities.

Establishment of a County wide crisis plan allowing for school districts to share counseling resources and partner with private practitioners

In partnership with UNI, developed a jail based tele-assessment system.

Established a W.H.O. Mental Health Crisis Team for post disasters. Currently working on full W.H.O. certification.

Began a RFP process to review Local Contracted Providers.

Established a PTSP program.

Established a Community Mental Health Fund.

In partnership with CONNECT, helped to establish the first county provider database.



Nursing





Nursing Highlights

Women's Health

- Absence of a Nurse Practitioner from March through November. Nurses were able to provide 105 of our current clients with their birth control throughout this time period utilizing standing orders from our medical advisor, Dr. Sandra Van Leuven.
- We had difficulties in hiring another Nurse Practitioner and found a unique opportunity to partner with the University of Utah Nurse Practitioner faculty placement program.
- Three Nurse Practitioners now cover our women's health clinics in all offices. This will allow us to expand services and education to the Peace House and other community partners as well as participating in graduate level projects/research with university students.

Immunizations

- "Special Project" vaccine program through the Utah Department of Health. Vaccines are administered to qualifying Summit County residents free of charge.
- During the fall SCHED staff go to places of business to administer flu vaccine to employees. Businesses include: all school districts, Park City Municipal, Synderville Basin Water Reclamation District, National Ability Center.
- People's Health Clinic receives free vaccine from some manufacturers and the SCHED nurses administer the vaccine for no charge to the client.
- Each office implemented data loggers for each vaccine refrigerator and vaccine freezer. The data logger tracks the temperature for each device and notifies staff via text message or email if a temperature is out of range. The data loggers are mandated by CDC and the Utah Department of Health for any practice giving VFC vaccine.

- Total vaccines given: more than 4200
- Children to age 19: more than 2100
- Adults 20-64: more than 1500
- Adults 65+: more than 620



Nursing Highlights

Communicable Diseases

- Total communicable disease events = 486
- Most reported disease is Chlamydia, also the most reported disease in Utah and the U.S.
- Gonorrhea, Chronic Hepatitis C, and influenza activity also tops the list
- TB skin tests placed = 237
- Followed up with 25 clients with a positive reading, but not active infection
- Successfully treated one individual with active TB disease

Opioid Crisis - Naloxone Kits & Training

- Provided to PC Police Department, Summit County Sheriff, every school in Summit County, Summit County and Park City Libraries, the Christian Center, the Children's Justice Center, the Peace House, People's Health Clinic, and each of the health department offices.
- Total kits distributed = 95

Dental Services

- Offered to residents without access to dental insurance. This includes senior citizens as Medicare does not cover dental care. Funding for the dental services is from a grant awarded by Utah State Office of Rural Health, Primary Care Grant.
- Clients served = 67

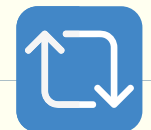
Public Information



Public Information Highlights

Training, Exercises & Response

- Echo Canyon Wreck - Public Information and shelter setup
- Wildland Fire (Red Card) Training
- Region 5 Emergency Management Exercise
- Assisted Duchesne County Sheriff as Public Information Officer during the Dollar Ridge Fire (through Utah PIO Association)
- Tollgate Fire Public Information
- Tervels Fire Public Information
- Conducted Joint Information Center Walkthrough for County Management



Doubled email newsletter subscribers
158- 300 between
1/9/18 and 1/16/19

Instagram

Doubled followers
from 220 - 446
between 1/9/18
and 1/16/19

- Continued growth of online platforms
- Coordination with other divisions (events, education, emergency response, press releases, media, marketing, advertising, print and online material production, etc).
- Completed all Advanced PIO course prerequisites.
- Assistant County PIO, Mental Wellness Alliance Communications Chair.



Total Page Likes as of Today: 768 Total Page Followers as of Today: 787



Sustainability



Sustainability Highlights

- **Transitioned Sustainability Office to the Health Department**
- **Engaged stakeholders to develop and implement a 2-year Community Energy Plan to reduce energy usage countywide.**
- **Installed solar PV systems on the Kamas Services building and the Richins building.**
- **Executed Engineering Professional Services Agreement with RMP and issued RFP to procure net 100% renewable electric energy for county operations.**
- **Drafted enabling legislation for 2019 State Legislative session in collaboration with RMP, PC, SLC, PSC, and OCS to allow RMP to provide renewable energy to communities who desire it.**
- **Launched the SCPW Challenge website to engage the community in climate actions that decrease energy usage and GHG emissions.**



2018 Sustainability-related projects completed

	Total Cost	Grants, Rebates	County Funds	Funded by Others
LED Retrofit	\$14,497	\$3,904	\$10,593	27%
Richins & Kamas Solar	\$264,804	\$100,000	\$164,804	38%
EV charging stations	\$183,140	\$183,140	0	100%
Total	\$462,441	\$287,044	\$175,397	62%



Women, Infants & Children (WIC)



WIC Highlights

- Served 596 unique participants for the 2018 calendar year:
154 women, 192 infants (0-12 months), and 250 children (1-5 years old)
- Average monthly food benefit per participant was \$48.75 with a total annual benefit of \$223,241.26.
- Most participants redeem their food vouchers locally, so the majority of this money benefited Summit County grocery stores
- During 2018, 85 participants were diagnosed with anemia. They were followed closely throughout the year and families were given nutrition education on how to improve their iron with a healthy diet, and if necessary, iron supplements.
- Ten participants did not return for services after their initial visit so 75 participants were monitored.
- Of those 75, 72 (96%) reached their goal of a normal hemoglobin level.
- This is significant because low hemoglobin levels in children can cause irritability, fatigue, delayed development, and behavioral problems while low hemoglobin levels in pregnancy increase the risk of low birth weight babies, premature birth, retarded fetal growth, perinatal mortality and postpartum depression.
- Two health indicator percentiles for women—low hemoglobin and underweight at the beginning of pregnancy—dropped to 0%:
 - 2017 low hemoglobin rate was 5.88% and in 2018 was 0.00%
 - 2017 pregnant underweight rate was 2.94% and in 2018 was 0.00%
- This is significant because underweight women who become pregnant are at a higher risk for delivery of low-birth weight infants. Pre-pregnancy underweight is also associated with a higher incidence of various pregnancy complications such as premature rupture of membranes, anemia, endometriosis, and cesarean delivery.

WIC Highlights

Summit County WIC continues to surpass the Healthy People 2020 goals for infants who are ever breastfed. The HP 2020 target is 81.9% and our clinics are as follows:

- Park City: 98.6% initiated breastfeeding
- Kamas: 92% initiated breastfeeding
- Coalville: 92% initiated breastfeeding

The Park City WIC clinic also surpassed the Healthy People 2020 goals for infants breastfed at 6 months and 1 year:

- Healthy People Goal: Breastfed @ 6 months – 60.6%
- Park City Office WIC Clinic: Breastfed @ 6 months – 62%
- Healthy People Goal: Breastfed @ 1 year – 34.1%
- Park City Office WIC Clinic: Breastfed @ 1 year – 39%

The benefits of breastfeeding for infants are many and include decreased risk of viruses, respiratory tract infections, ear infections, protection against diseases such as Type 1 and 2 Diabetes, Hodgkin's Disease, and obesity. Benefits for the mother include lower risk of ovarian and breast cancer and quicker return to pre-pregnancy weight.

Summit County Health Department Staff

Richard Bullough – Health Director
Brent Ovard – Deputy Health Director
Carolyn Rose – Nursing Director
Phil Bondurant – Environmental Health Director
Shelley Worley – Health Promotion Director
Jennifer Morrill – WIC Program Director
Cindy Keyes – Business Manager
Derek Siddoway – Public Information Officer
Jackie Swan – Early Intervention Program Coordinator
Lisa Yoder - Sustainability Program Coordinator
Chris Crowley –
Emergency Manager & Response Coordinator
Aaron Newman –
Mental Health & Substance Abuse Coordinator

Beth Adams – Early Intervention Physical Therapist
Colleen Blonquist – WIC Nutritionist
Nathan Brooks – Environmental Health Scientist
SaRene Brooks – Health Educator

Karen Butler –
Early Intervention Speech Language Pathologist
Penci Carreno – Clinical Assistant / Interpreter
Kelly Gallo -
Environmental Health Scientist / Food Safety
Trevor Hale –
Environmental Health Scientist / Food Safety
Stephanie Hurt – Public Health Nurse
Amy Jones – Administrative Assistant
Holly Lewis – Clinical Assistant / Interpreter
Lynn Little – Public Health Nurse
Alyssa Mitchell – Health Educator
Bonie Mitchell – Clinical Assistant
Rocky Pace – Environmental Health Scientist
Jean Paskett – Public Health Nurse
Ana Valdez - Clinical Assistant / Interpreter
Sylvia White –
Public Health Nurse / Early Intervention
Jean Wilson – Clinical Assistant
Katherine Wilson – Health Educator





**COALVILLE OFFICE:
85 North 50 East**

**KAMAS OFFICE:
110 North Main Street**

**PARK CITY OFFICE:
650 Round Valley Dr.**

summitcountyhealth.org

