

2021

Annual Report



*Working to make
the world a better place!*

What made the world a better place in 2021?

Adapted from the wired.com article dated December 15, 2021, "21 Things That Made the World a Better Place in 2021".



More Than 8.47 Billion Covid-19 Vaccinations Were Administered Globally - In December 2020, the UK administered the first non-trial Covid-19 vaccine in the world to a 90-year-old woman. A year later, almost 9 billion Covid jabs have been put in arms around the world—and the number is climbing literally every second. It's the largest mass vaccination campaign in history! If you were lucky, you got a cool sticker after your shot! The speed, intensity, and efficiency of the life-saving vaccine rollout is a phenomenon that's powerful to behold, and it is estimated that we are very close to having 75 percent of the global population having had their first dose.

TABLE OF CONTENTS:

Director's Message	4
Mission, Vision, Core Values	7
Board of Health	8
Organizational Chart	9
Strategic Plan	10
Community Health Improvement Plan	11
Health Equity	12
Ten Essentials of Public Health	14
Social Determinants of Health	15
Revenue & Expenditures	16
Snapshot	17
Leading Causes of Death	17
Health Outcomes	18
By the Numbers	20
Highlights	22
The Strategic Prevention Framework	31
Communicable Disease Data	32
COVID-19 Data	33

*Thank you to our amazing staff,
without them none of this would be possible.*



A MESSAGE FROM OUR DIRECTOR:

I am pleased to share the 2021 Annual Report for the Tooele County Health Department. Our work is to improve health for those who live, work, learn, and play in Tooele County. 2021 was a year of significant change for our health department. Staff began the year heavily supporting the ongoing COVID-19 response. Many communities' health-related vulnerabilities were identified nationwide during the COVID-19 pandemic. As a result, priorities for many of our programs have shifted to focus on big picture root causes of health challenges. Our staff have engaged in training, assessments, and reviewing evidence-based practices for both the Social Determinants of Health and Shared Risk and Protective Factors. Focusing on these "upstream" prevention concepts will help staff improve the way health programs are implemented and evaluated. Interventions and policy changes at the local, state, and federal levels can help reduce these health and safety risks and promote better health.

The data and stories presented in this report illustrate the far-reaching impacts of the programs and services we provide. We recognize that we cannot do this work without our wonderful staff, our community partners, and the Tooele County Board of Health. I am grateful for the leadership and support of our Board of Health, our County Council and Manager, and the municipal leaders in our community. Our health department continues to show a commitment to quality improvement, performance management, accountability, transparency, and the capacity to deliver the Ten Essential Public Health Services.

Tooele County Health Department continues implementing our Community Health Improvement Plan to promote healthy living and reduce obesity, improve mental health and prevent suicide, and reduce substance abuse. Working in tandem with our community partners, we are putting in the groundwork to make changes that can bring about long-lasting improved health in our community and our residents' lives.

This report highlights some of the activities and measures are taken by our divisions. A few of those highlights include bringing a Health Equity Coordinator on staff, being a part of the “high-risk-project” with our transportation program, providing personal protective equipment, test kits, and mobile vaccination clinics, bringing back Household Hazardous Waste Collection Day, providing fresh fruits and vegetables through WIC, conducting disease investigation and contact tracing, delivering meals to the homebound, providing meals for seniors and the underserved of our community, providing new evidence-based lifestyle change programs, having a dedicated prevention specialist for the Wendover community, and providing the lifesaving vaccine (a very special THANK YOU to our Utah National Guard for their assistance) that will help end the pandemic. Along with these highlights, every division in the health department altered its activities and objectives in response to the COVID-19 pandemic.

Everything we do is focused on health and safety, and everything we do requires partners. In Tooele County, we are unusually fortunate that our community so strongly supports this work. It is this support and the partnerships that allow us to succeed and make our work so truly rewarding. Our staff and I sincerely thank you and look forward to continued partnerships and even more progress towards ending the pandemic and a healthier and safer future.



*Thank
you*

Jeff Coombs
Executive Director/Health Officer

PREVENT – PROMOTE – PROTECT



Drones Helped Us Get a Handle on Plastic Pollution -

Philosophers might ask, "Is it really good news to say we've developed a small solution to a monstrously large, terrible, terrible, terrible ongoing problem that we ourselves created? Is it really something to celebrate?" to which we say: Just give us this one, please, philosophers, it's all we've got. Throughout 2021, UK-based startup Ellipsis Earth has been mapping the scale of the world's plastic pollution with camera-equipped drones that are able to (sometimes) identify the exact origin of the trash. These speedy surveys allow experts to better understand the solutions needed in different areas, from pushing through dumping regulations at beaches to installing more bins in littering hotspots.



OUR MISSION:

The Tooele County Health Department serves as a leader in public health and aging services for our diverse community, by promoting health and safety, striving to prevent avoidable disease, assessing the health of our community, developing policies, providing services and education, and protecting the environment to assure quality of life.

OUR VISION:

A healthy and safe community for all Tooele County residents.

OUR CORE VALUES:

- 1. Collaboration:** We work together internally and externally for the mutual benefit of the community through the sharing of information, resources, and ideas to achieve a common goal.
- 2. Excellence:** We strive to provide the highest quality services through individual efforts, evidence-based practices and a culture of quality improvement.
- 3. Innovation:** We apply the most advanced technology, information and research to become a revolutionary leader in public health.
- 4. Integrity:** We act with a consistency of character and take individual ownership and accountability for our actions.
- 5. Diversity and Inclusion:** We treat all individuals with respect, dignity, acceptance, and compassion.
- 6. Service:** We provide quality service to all individuals both internal and external.

2021 BOARD OF HEALTH:



Mayor Brent Marshall
Chairperson



Mayor Brian Johnson
Vice Chair



Tom Tripp
County Council



Anthony Howes



Linda McBeth



Devan Clevenger



Pamela Bennett



Dr. Mike Wells, DDS

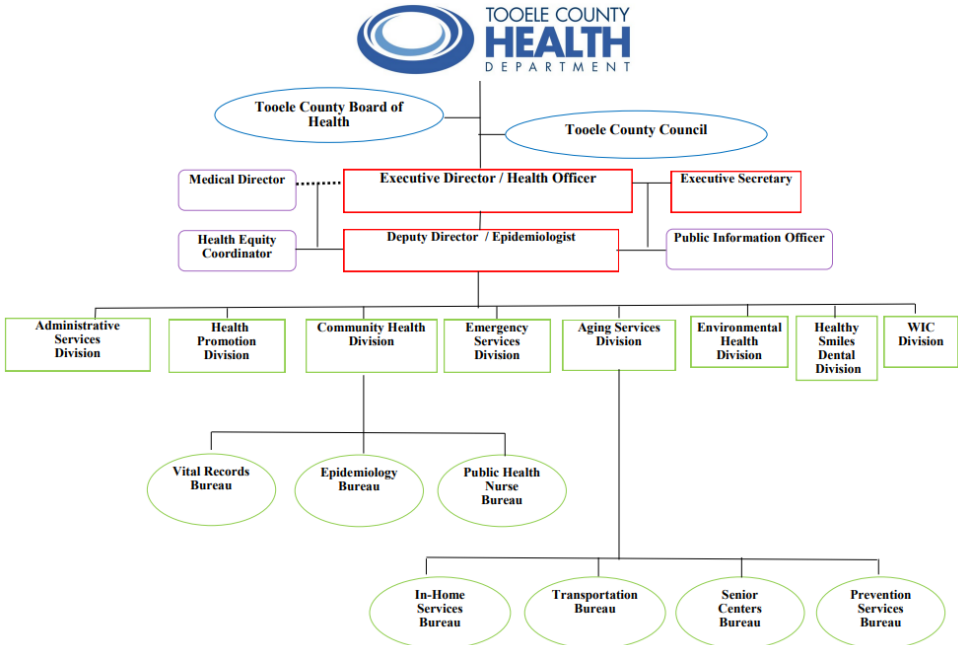


Mat Jackson

The Tooele County Board of Health was established February 9, 1982. Their terms are voluntary and they are not compensated. Currently, Tooele County has 9 members who are appointed by governing officials, and have jurisdiction in all unincorporated and incorporated areas of the county.

An employee of the health department may not be a member. The first public health and local boards of health legislation was a bill passed by Congress in 1850. This bill was to form the National Board of Health.

ORGANIZATIONAL CHART:



China Eliminated Malaria -

As June came to an end, the World Health Organization declared China free of malaria after "decades of targeted and sustained action" against the disease. In the 1940s, China reported 30 million malaria cases annually; in 2020, the country reported four consecutive years of zero indigenous cases, paving the way for WHO to declare it malaria-free in 2021. In April, WHO launched a campaign to rid 25 more countries of malaria by 2025.

OUR STRATEGIC PLAN:

GOAL: Tooele County Health Department (TCHD) will be recognized by the community as the primary source of public health information.

GOAL: TCHD will provide high quality health information to stakeholders and the community to promote well-informed decisions.

GOAL: To ensure that the TCHD provides sufficient resources to accomplish the Community Health Improvement Plan (CHIP) goals.

GOAL: Evaluate the CHIP progress annually and update the CHIP as appropriate.

GOAL: Ensure the TCHD workforce is adequately oriented, trained and provided with ample opportunity and resources for professional development in order to achieve excellence in service to all.

GOAL: All TCHD employees feel informed and empowered to make decisions and perform in their capacity.



Renewable Energy Had a Record Year -

When it comes to the climate crisis, the world needs any bit of good news it can get. And in December of 2021, the International Energy Agency (IEA) revealed that 2021 was renewable energy's biggest year ever, with roughly 290GW of renewable energy generation installed globally — loads of lovely wind turbines and solar panels — despite the pandemic and the rising cost of raw materials.

COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) HEALTH PRIORITY AREAS:

- 1. Promoting Healthy Living**
- 2. Improving Mental Health & Preventing Suicide**
- 3. Reducing Substance Abuse**

CHIP GOALS:

Promoting Healthy Living and Reducing Obesity

Goal 1: Increase the daily consumption of nutritious foods.

Goal 2: Increase the level of daily physical activity among residents.

Goal 3: Increase the percentage of the population at a healthy weight.

Improving Mental Health and Preventing Suicide

Goal 1: Increase social norms supportive of help-seeking and recovery.

Goal 2: Increase prevention and early intervention for mental health, suicidal ideations, and substance misuse and abuse.

Goal 3: Increase support for survivors of suicide loss.

Reducing Substance Abuse

Goal 1: Increase awareness and decrease the availability of all abusive substances.

Goal 2: Increase substance abuse treatment referrals and prevention programs.



The World's First 3D-Printed School Opened Its 3D-Printed Doors - In less than 24 hours—15 to be precise—affordable housing group 14Trees built an entire school in Malawi in July 2021, using 3D printing technology. It is hoped that similar initiatives will help to combat the classroom shortfall in the country, as well as the rest of Africa, enabling children to travel shorter distances to school and work in better conditions. Women and children sang and danced in front of the new school to celebrate its opening.

HEALTH EQUITY:

The Tooele County Health Department strives to provide our residents with opportunities to live their healthiest lives. Our goal is to ensure that everyone has access to the health information, resources, and programs that will allow residents to thrive. We are committed to continuing our work to address the disparities in our communities and achieve health equity for all Tooele residents.

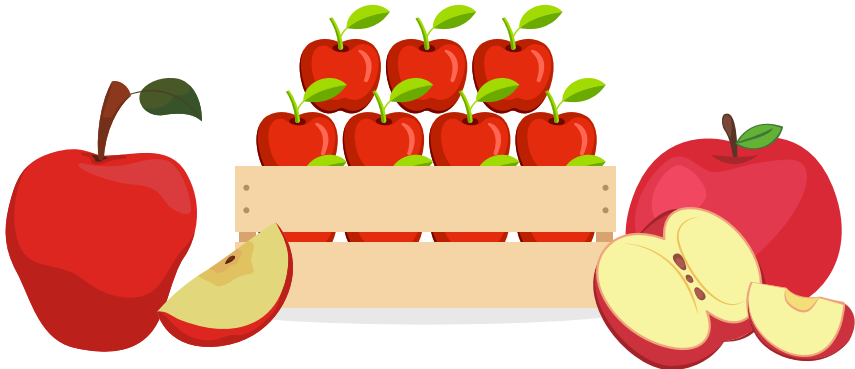
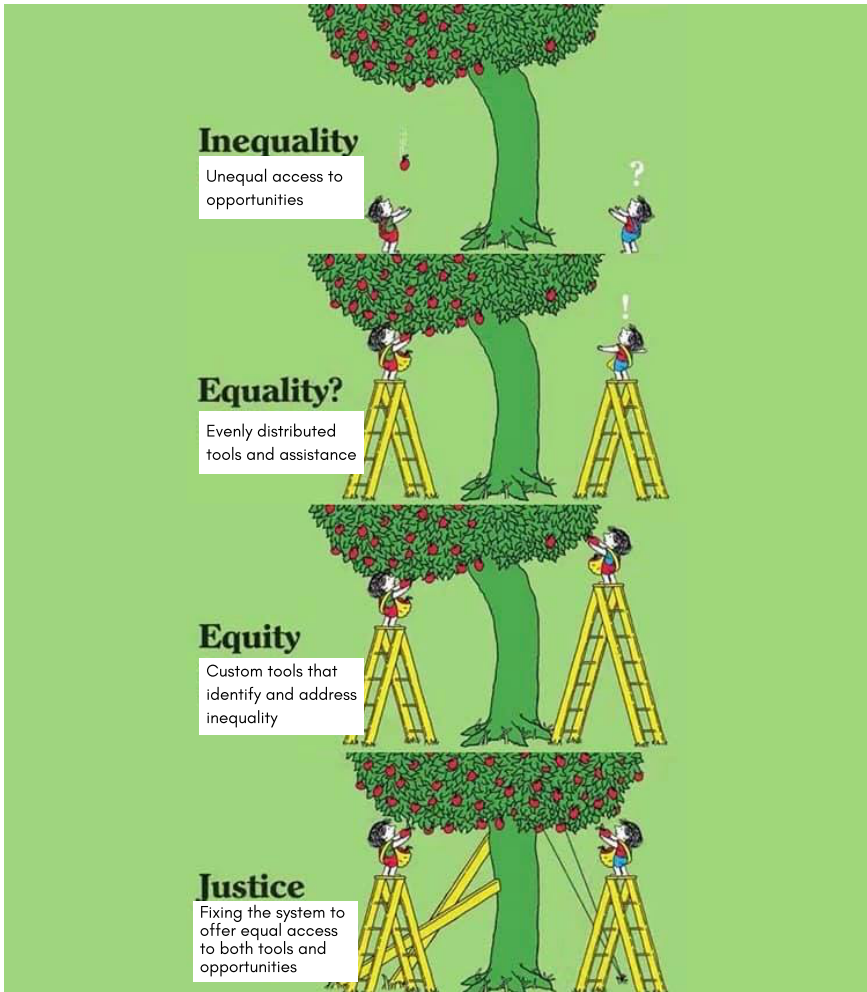
WHAT IS HEALTH EQUITY?

According to the CDC, "Health equity is achieved when every person has the opportunity to "attain his or her full health potential" and no one is "disadvantaged from achieving this potential because of social position or other socially determined circumstances." In other words, health equity means that everyone has fair, nondiscriminatory opportunities to live their healthiest lives.

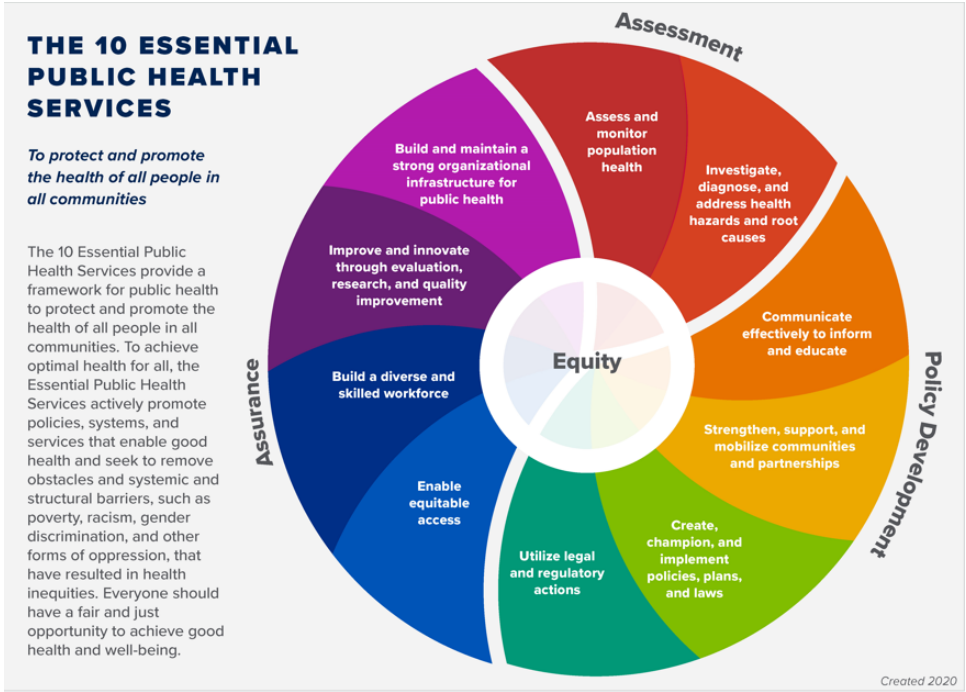
To reach health equity, we are working to remove the barriers that keep Tooele residents from living healthy lives. Healthcare, food environment, recreation environment, built environment, social connectedness, and safety are all areas our programs target. We aim to incorporate cultural awareness and accessibility for all ability levels into our activities, programs, and outreach to reach our goals.



Leena Chapman
Health Equity Coordinator



THE TEN ESSENTIAL PUBLIC HEALTH SERVICES:



ASSESSMENT
POLICY DEVELOPMENT
ASSURANCE
EQUITY

SOCIAL DETERMINANTS OF HEALTH (SDOH):

SOCIAL DETERMINANTS OF HEALTH (SDOH)

Conditions in the environments where people are born, live, learn, work, play, worship, and age affect a wide range of health and quality of life outcomes.

By shifting the focus in our programs we can get at the **root causes** of the problem and create **long-term change**.

SOCIAL DETERMINANTS OF HEALTH AS A FRAMEWORK



Factors that strongly influence health outcomes:

- Access to medical care
- Access to healthy food and water
- Early childhood social/physical environment
- Education
- Ethnicity and cultural orientation
- Family and other social support
- Gender and sexual identification
- Housing and transportation resources
- Neighborhood safety and community facilities
- Social stressors
- Socioeconomic status
- Spiritual/religious values

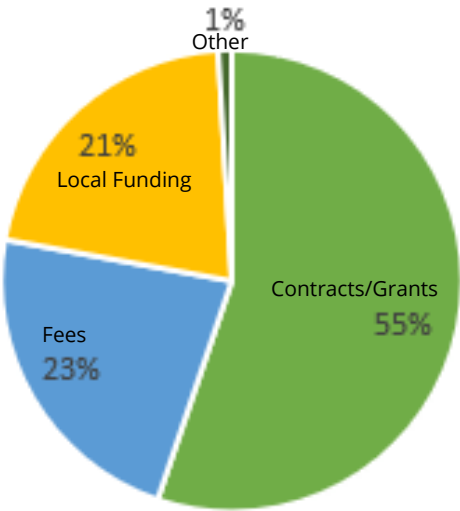
Programs supporting SDOH:

- Social Emotional Learning (SEL)
- Tobacco compliance checks
- TOP Star early childhood obesity prevention
- Opioid and poison prevention
- Healthy food assessments
- Community preparedness
- Walkability and environment assessments
- Safe Routes to School
- Tobacco retailer permits and policies
- Outdoor smoking/vaping regulations
- Connecting with healthcare systems
- Suicide and bullying prevention

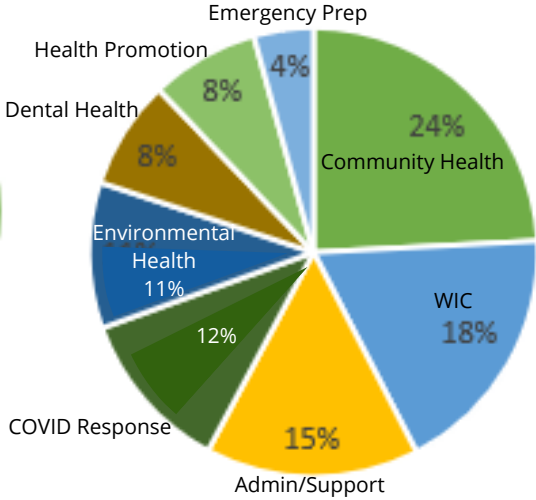
2021 REVENUE & EXPENDITURES:

	\$	%
REVENUE		
Contracts/Grants	\$3,636,146	55%
Fees	1,491,906	23%
Local Funding	1,395,447	21%
Other	62,050	1%
	\$6,585,549	
EXPENSES		
Community Health	\$1,409,871	24%
WIC	1,062,852	18%
Admin/Support	896,522	15%
COVID Response	684,419	12%
Environmental Health	612,235	11%
Dental Health	458,485	8%
Health Promotion	454,690	8%
Emergency Prep	250,368	4%
	\$5,829,442	
NET	\$756,107	

Revenue



Expenses



SNAPSHOT:

*UNITED STATES CENSUS BUREAU ESTIMATES JULY 1, 2021
**COUNTYHEALTHRANKINGS.ORG

- POPULATION - 72,698
- AVERAGE HOUSEHOLD INCOME - \$74,562
- LIFE EXPECTANCY - 78.9 YEARS
- PERSONS LIVING IN POVERTY - 5.7%
- NO HEALTH INSURANCE - 10.5%
- HIGHER EDUCATION - 24.2%
- TRAVEL TIME TO WORK - 28.8 minutes
- COUNTY HEALTH RANKING - 13 of 28



LEADING CAUSES OF DEATH

The information below represents the age-adjusted death rate for the most common causes of death in Tooele County.

*age-adjusted death rate per 100,000

Cause of Death*	Tooele*
Heart Disease	145.25
Cancer	133.93
Chronic Lower Respiratory Disease	65.27
Alzheimer's Disease	54.72
Unintentional Injuries	46.89
COVID-19	36.79
Diabetes	33.97
Cerebrovascular Diseases	25.49
Suicide	21.97



HEALTH OUTCOMES:

The Community Snapshot Report includes information from a group of Indicators that present data about health problems of mothers and infants, infectious diseases, injury and violence, chronic diseases and conditions, and diseases commonly causing death in adults.




*USING DATA FROM 2015-2020

**DATA INDICATOR CONTENT LAST UPDATED 2020, 2021, 2022



TOOELE COUNTY COMMUNITY SNAPSHOT REPORT ON HEALTH OUTCOMES:

Key to Symbols

-  Our community is performing BETTER than the state, and the difference is statistically significant.
-  Our community is performing ABOUT THE SAME as the state. Differences are not statistically significant.
-  Our community is performing WORSE than the state, and the difference is statistically significant.

		
Low Birth Weight	Infant Mortality	Smoking in the Third Trimester of Pregnancy
Rate of People Living with HIV/AIDS	Preterm Births	Child Injury Death Rate
Prediabetes	Unintentional Injury Death	Fair or Poor General Health
	Motor Vehicle	Seven or More Days of Poor Mental Health in the Past 30 Days
	Traffic Crash Deaths	Depression Prevalence
	Poisoning	Arthritis Prevalence
	Unintentional Fall Injury	Asthma-related Emergency Dept Visits
	Suicide	Asthma Hospitalizations
	Homicide	Doctor-diagnosed Hypertension
	Seven or More Days of Poor Physical Health in the Past 30 Days	Percentage of Adolescents Who Were Obese
	Activity Limitation	Obese BMI Prior to Pregnancy
	Adult Asthma Prevalence	Diabetes as an Underlying Cause of Death
	Asthma Prevalence Among Children	Cancer Death Rate
	Adults With Diabetes	Lung Cancer Incidence
	Percentage of Birth Records Indicating Gestational Diabetes	Colorectal Cancer Incidence
	Doctor-diagnosed Hypercholesterolemia	Prostate Cancer Incidence
	Adult Obesity	
	Overweight or Obese	
	Ischemic Heart Disease Deaths	
	Stroke Death	
	Lung Cancer Deaths	
	Breast Cancer Deaths	
	Breast Cancer	
	Colorectal Cancer Incidence	
	Prostate Cancer Deaths	
	Melanoma of the Skin Deaths	
	Melanoma of the Skin Incidence	
	Cervical Cancer Incidence	
	Alzheimer's Disease Deaths	

2021 BY THE NUMBERS:

Administrative Services

Birth Certificates 2,237

Death Certificates 617

Additional Copies of Birth 390

Additional Copies of Death 2,661

Multiple Pages 146

Reissues 150

Environmental Health

Food Truck Permits 135

Food Truck Inspections 74

Food Establishment Permits 232

Food Establishment Inspections 361

Food Establishment Plan Reviews 25

Food Establishment Complaints/Inspections 32/361

Temporary Event Inspections 95

Food Handlers Permits Issued 2,200

Foodborne Illness Complaints 7

School and Playground Inspections 30

Daycare Food Service Inspections 15

Public Pools and Spas Inspections 41

Public Pool Water Samples 154

Body Art Establishment Plan Reviews 5

Body Art Establishment Permits and Inspections 24

Body Art Establishments Permitted 22

Meth Houses Decontaminated 36

Radon Kits Sold 128

Septic System Permits Issued 78

Well Permits Issued 18

Aging Services

Congregate Meals

(1/2 year due to COVID) 5,787

Drive-thru Pick Up & Home Delivered Meals 73,115

Medicare Contacts 964

Presentations 81

Media Events 217

Client Assistance Savings \$42,666

Family and School Health

Community Health

Cancer Screenings 58

Immunizations 10,638

Home Visits

208 Initial/174 Follow-up

STD/HIV Testing 89

TB Testing 260

Flu Clinics 30

Flu Vaccines Given 5,315



2021 BY THE NUMBERS:

Health Promotion

Car Seat Classes 12
Car Seats Checked 37
Car Seats Distributed 29
New CPS Techs Trained 3
Evidence-based Program Classes 12
Class Participants 200
New TOP Star Endorsements 1
NARCAN Doses Distributed 144
Tobacco Handlers
Trained/Permitted 73
Tobacco Compliance Checks 42
Illegal Sales to Minors 4
Quit Line Registrations 121



Healthy Smiles Dental Clinic

New Patients 314
Patient Visits 2,332
Dentures & Partial Dentures 280
Crowns 157

Prevention Services

Community Prevention Event Attendees 1,084
Grant Funding Acquired \$340,050
Students Taught Child Abuse Prevention 6,148
QPR Suicide Prevention Trainings 26
QPR Suicide Prevention Trained 633
Alcohol Retailer Compliance Checks 80
Prime for Life Graduates 43

WIC

Clients Served 1,112
Education Classes 52
Initially Breastfed 926



United Flew the First Passenger Aircraft With 100-Percent Sustainable Fuel - In December 2021, 100 passengers flying from Chicago to Washington, DC, were the first in the world to do so with one engine running on 100-percent non-petroleum-based sustainable fuel made from sugar water and corn. The fuel is said to burn up to 75 percent cleaner than petroleum-based fuels, and while there is some debate about greenwashing surrounding the event, it was nonetheless a vital moment for the aviation industry.

AGING SERVICES HIGHLIGHTS:

The year 2021 was a time of transition, continued adaption, and collaboration for Aging Services. As pandemic concerns changed some of our processes and procedures were again adapted to best meet the needs of our clients. Some of our services that had been considered unsafe during high covid rates and discontinued, were started up again. While other services developed and adapted due to health restrictions continued to be utilized. Partnerships with other community entities again resulted in successful programing and a wider range of residents being introduced to our services.

Part of our mission is to provide educational opportunities for older adults and those caring for older adults in our community. In last year's health department annual report, it was noted that the 3rd leading cause of death in our county was Alzheimer's Disease, thus much of our 2021 instruction was dementia focused. Virtual and in-person options were made available. In partnership with the Utah Chapter of the Alzheimer's Association, 4 free 1-hour community education presentations were done in April, June, August, and October, each on a different topic related to cognitive decline and caregiving. A more in-depth course, Dementia Dialogues, was again offered to residents, but done for the first time using the Zoom platform. University of Utah Health Geriatrician, Dr. Megan Skibitsky, teamed with our staff to teach the five 2-hour sessions that concentrated on current and practical information about how to care for people with dementia. This free program is an evidence-informed national course. Lastly, Aging Services again hosted our Lunch & Learn for Caregivers series in the fall. As in the past, collaboration with experts in aging and working with local leaders enabled us to offer an informative 4 class series. For the first time, the Lunch & Learn event was hosted in Grantsville at the city library and was well attended.

Our mission also entails promoting the safety, health, and independence of adults 60 + through a coordinated system of services that also includes socialization and referral to resources. This past year we have addressed needs by providing support groups virtually and then transitioned to in-person meetings. Logistical changes were made. The monthly Alzheimer's Association Caregiver Support Group and the Parkinson's support group were moved from the hospital to the Tooele Senior Center. Increases in attendance were experienced when the groups moved from online to in-person format. Socialization was also offered to widows and widowers through The Next Chapter group. Isolation during the pandemic was difficult for many, including this population. One of our group members died at the beginning of the year before it was deemed safe to gather. Members who knew him well needed a way to mourn together and support each other in a safe way, so a memory book was created. Electronic communications and phone calls were made requesting memories and photos of their friend. They were also asked to share any thoughts, quotes, or stories that had been helpful to them in the past as they grieved losses. This activity gave them the opportunity to feel and express themselves in their own way. Safe communication was opened amongst the group members. An outdoor community concert in July brought the group back together. Monthly meetings have been held for the remainder of the year.



AGING SERVICES HIGHLIGHTS (CONTINUED):

Much loss was experienced during the pandemic. The Hope for the Holidays annual event started for The Next Chapter group, has grown into a community-wide event that connects people with resources at a critical time, supports with tips for coping with grief during the holiday season, and offers ideas for celebrating loved ones who have passed. New partnerships were formed this year with Stansbury High School and the North Tooele Valley Communities that Cares Coalition. Grief support is now being offered to students by Counselor Mitzi Quarez, who participated in the evening. Life's Worth Living Foundation's Chris Sloan, Share Parents of Utah representative Kasondra Riddle, and chaplain Irene Huntsman also participated again in making this event beneficial. That event was also held in Stansbury Park for the first time.

Decreased personal contact with vulnerable populations during the COVID health crisis necessitated the need for new approaches to caregiver support, so when a scout approached Aging Services with an Eagle Scout service project that met that need, a new collaboration occurred. Luke Obray, along with the help of volunteers, put together and donated 2 dementia caregiver kits to our caregiver support program that are lent out to our clients. These kits contain a variety of materials that facilitate engaging activities, meaningful interactions, and can be used to entertain or redirect a person struggling with memory loss. They are reusable; can be checked out for a set length of time to be used at home, then returned to be cleaned and used by other caregivers. It serves as a tool caregivers use to ease the strain on them, and the kits are a positive thing for those individuals with dementia too. They need to feel valued and included in family activities. The kits have been made available at the dementia caregiver support group monthly meetings and other caregiver events. Presentations about the kits and demonstrations of the separate items in them were done at a Lunch & Learn seminar, caregiver support meeting, and for the University of Utah Geriatric Education Consortium Fireside Chat series statewide broadcast. A newspaper article was also published on the project. Luke also donated dementia caregiver kits to the Tooele and Grantsville City libraries for the public to access easily. They were put on display at these locations during November as part of our coordinated celebration of National Family Caregiver Month.

AGING SERVICES TRANSPORTATION HIGHLIGHTS:

At times of emergency, we all realize just how vital the transportation system is. People still need to go to the grocery store, doctor appointments, pharmacy, and work. Being the leading mobility service for Tooele County, our response to COVID-19 has shown us that with the right blend of mobility options and public-private partnerships, people can still travel safely to where they need to go. We were lucky to be part of the team working on the "High-Risk-Project". Our part in the project was high-risk grocery delivery and telehealth.

We think creatively about maximizing all our services. We've learned: 1) transportation ecosystems aren't either "publicly or privately" owned. 2) Transportation systems must adapt quickly. 3) Agile mobility is critical when emergencies strike.

RIDERSHIP:

Salt Lake Medical: Operated with one half-time driver and volunteer drivers. Serving seniors 60+, individuals with disabilities, and veterans.

Senior Transportation: Transit services for seniors 60+ to go to in-town medical appointments, shopping, recreation, etc.

On-Demand Shuttle: Provides services consisting of point-to-point demand response from city to city. Services are available to the public. The On-Demand Shuttle is a feeder service for the rural areas to have transportation to Tooele City. The fare for the On-Demand Shuttle is interchangeable with the UTA buses. Riders are given a transfer after paying a fare to the On-Demand Shuttle. The transfer is good for up to two hours for the UTA buses.

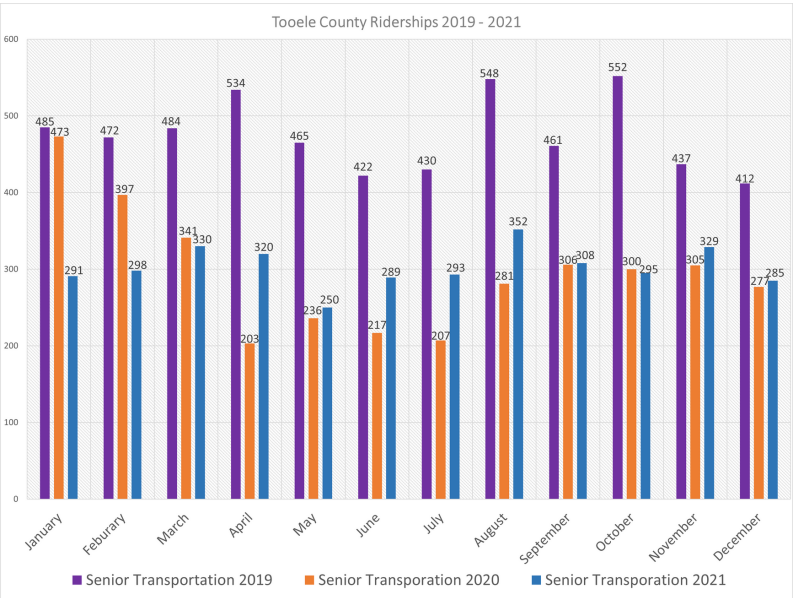
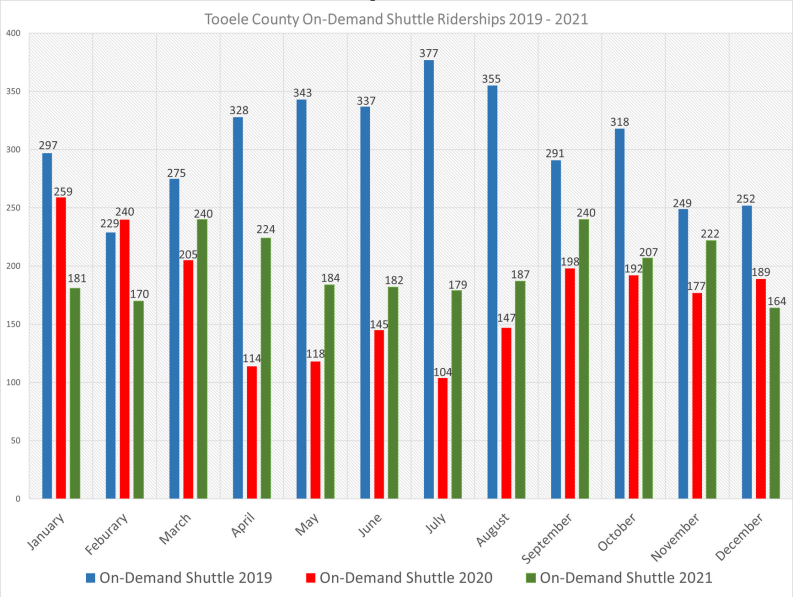
WIC/Healthy Smiles: Provides transportation for low-income, seniors, individuals with disabilities to their WIC/Healthy Smiles appointments.

HIGH-RISK RIDERSHIP:

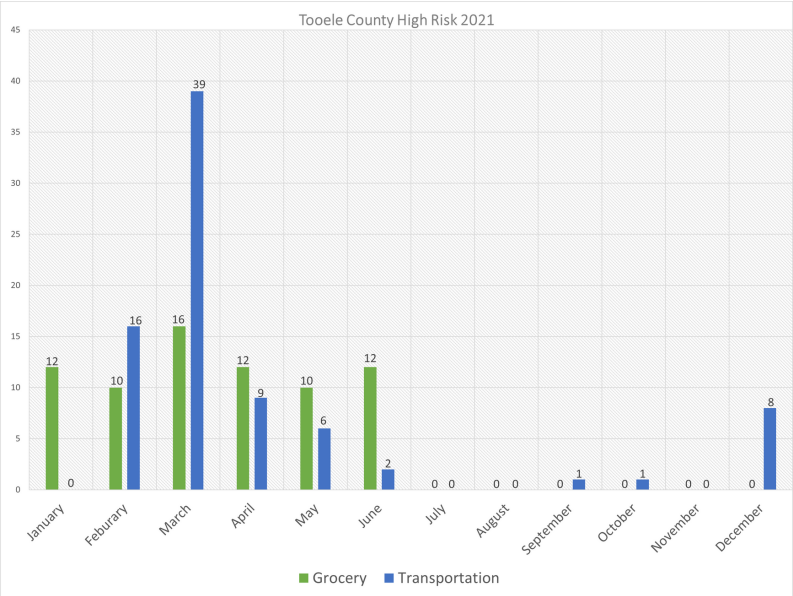
Grocery: Contactless program assisting with online ordering and delivery of groceries to customers with COVID-19 or that are homebound.

Transportation: Transportation to and from COVID-19 vaccine appointments.

Local Ridership:



High Risk Ridership:



EMERGENCY SERVICES HIGHLIGHTS:

The Tooele County Health Department Emergency Services spent the majority of 2021 working on COVID-19 response. TCHD supported the healthcare community by providing personal protective equipment, test kits, and mobile vaccination clinics throughout the county. Long-term care facilities received special consideration given the vulnerability of their residents to COVID-19.

The Utah National Guard and Mountain West Medical Center provided much-needed support by providing personnel in our mass vaccination clinics. Relationships with these community partners were critical to our response to COVID-19. We will continue to plan and coordinate with community partners to serve our community in the event of other health-related emergencies.

We were able to purchase 2 vans to be used in our community for health-related response events increasing our ability to bring services closer to those who need them.

Tooele County Health Department works closely with Tooele County Emergency Management (TCM) Department participating in drills and exercises to prepare for future events. Participation in these events helps us to plan, train, and exercise using a continuous quality improvement model and promotes a collaborative environment.

ENVIRONMENTAL HEALTH HIGHLIGHTS:

Environmental Health provided assistance to the COVID-19 response as needed. Household Waste Collection Day was canceled in 2020 and was one of many programs interrupted by COVID-19 but we were able to bring it back in August of 2021. Household Waste Collection Day is a needed service to our community and one that was missed so we were pleased to be able to provide that this year and our community was grateful. We know by providing this service helps keep hazardous waste out of our water supply, landfill, and community environment.

We continued to permit food service establishments, provide food service plan reviews, and do food service/food truck/temporary event inspections. We continued to train food handlers, certify food safety managers, and investigate foodborne illness complaints. We continued to inspect schools, playgrounds, daycares, public pools and spas, certain businesses, and take water samples when needed. We provided septic system permitting, inspecting, and locating, as well as provided well permitting, and water sampling for private wells. We continued to issue decontamination permits for houses contaminated with meth, and we educate the public on Radon and air quality.

It is important for TCHD to work to keep our physical environment healthy and safe.

We do this by continually facilitating proper disposal of hazardous materials, monitoring air and water quality, inspecting food service establishments, and educating the community on the importance of keeping our homes free from dangerous chemicals.



Scientists Revealed That Cheese Isn't Bad for You (Really!) -

In February, scientists gave us a reason to keep going. Speaking out against unfounded rumors that cheese is an evil, murderous entity, one scientist said: "There's almost no evidence that cheese causes weight gain—and in fact, there's evidence that it's neutral at worst." This stigma-shattering analysis helped cheese to rebuild its reputation globally—and that's grate.

COMMUNITY HEALTH HIGHLIGHTS:

Community Health has always strived to promote health in our community by assessing our community's needs, providing services to prevent avoidable disease, diagnosing, and investigating health problems, providing education, and collaborating with community partners and agencies.

In 2020, we were mobilized to address the COVID-19 pandemic. In 2021, we continued to address the pandemic by providing COVID-19 vaccinations to qualified community members. There were daily COVID-19 vaccination clinics, school clinics; and weekend and late-night drive-up mobile clinics offered in various Tooele County sites to reach as many people as possible. Our staff performed contact tracing and investigations. We educated staff and community members regarding the disease, transmission, and encouraged preventative measures. These measures were accomplished while continuing to address our normal epidemiological investigations for sexually transmitted diseases (STD), infectious diseases, foodborne illnesses, and tuberculosis (TB). Child and adult immunization clinics are offered daily along with TB testing and STD/HIV testing.

The Community Health Division has a long-standing collaboration with the schools and businesses in the community to provide influenza vaccines. Breast and cervical cancer screenings are available for low-income women over the age of 40. We collaborate with Mountain West Medical Center, and other facilities in the state to provide mammograms to the participating women. Family planning services such as pregnancy testing and Depo Provera injections for low-income women are offered. Targeted case management services (TCM) are provided to help families gain access to needed medical, social, education, and other services. TCM services are provided not only in person but virtually, as well.

In August of 2021, the Tooele County School Nursing program was transferred to Tooele County School District (TCSD). The school nurses played a vital role in offering COVID-19 vaccinations at the schools and mobile community sites. The nurses continue to assist the TCHD influenza school vaccination project offered to all schools in Tooele County.

Since 1998, programming for Sexual Risk Avoidance Education has been provided to junior high school students to encourage and promote healthy and safe lifestyle choices. The Community Health Bureau, in collaboration with TCSD, found innovative ways to safely provide these services and still allow isolation and quarantine. The Community Health Bureau will continue to be diligent in our efforts to prevent avoidable disease through surveillance, services, and education.

WIC HIGHLIGHTS:

In 2021 Tooele WIC joined TIPP (Tooele Interagency Prevention Professionals). We attended several TIPP events in which we were able to give outreach material to members of our community. Some of the TIPP events we participated in included the "Save Family Dinner Drive-Thru" event, the "Tooele Family Sober Tailgate Movie Night", and the "Haunted Historic Park". We attended monthly TIPP meetings, that helped us stay connected to other programs and share information about our programs with TIPP members.

In August during World breastfeeding week, WIC hosted an Open House Event, in which we invited members of the community, TIPP members, and staff at local health care offices, to come to WIC to meet the staff and have a light refreshment.

Another exciting change that took place was from June 1st, 2021 to September 30th, 2021 the fresh fruit and vegetable amount for WIC clients increased from \$9 per child and \$11 per woman to \$35 per person. October 1st, 2021 to Dec. 31st, 2021 it increased to \$24 per child, \$43 for pregnant and postpartum participants, and \$47 for breastfeeding participants. This is exciting because providing more fruits and vegetables helps promote better nutrition.



HEALTH PROMOTION HIGHLIGHTS:

The Bureau of Health Promotion works closely with numerous partners to reduce the leading causes of illness and death. These efforts include promoting and advancing the prevention, early detection, and management of injuries and chronic diseases. This work takes place across many settings. Prevention and control efforts are closely coordinated because risk factors (e.g. poor nutrition, lack of physical activity, and tobacco use) and prevention strategies are similar for many chronic conditions. Health Promotion programs, with public and private sector partners, deliver effective health promotion and prevention services and education in communities, schools, worksites, and health care settings.

Health Promotion receives funding based on a predetermined formula. Management and accountability of the funds are captured in contracts. Contracts outline the conditions and terms, including services, for both parties. Health Promotion plays a vital role in making our communities healthy. What we do or don't do with the funds greatly impacts, not just the quality of services, but also the amount of funds awarded. Contracts are renewed annually and vary by date. Health Promotion contracts are in the following program areas: Arthritis, Healthy Living, Violence and Injury Prevention, and Tobacco Prevention and Control.

A few highlights we have seen with Health Promotion is the start of two healthy living programs in Tooele County which include Walk with Ease, an evidence-based program proven to help people with arthritis or other related health conditions, reduce pain, increase balance, strength, and overall health. Walk with Ease was offered at Grantsville & Tooele Senior Center as well as for employees at Tooele County Health Department. We had a great turnout for the program and are excited about the next class. In addition to that, the evidence-based lifestyle change program, National Diabetes Prevention Program, was made available to individuals in the county seeking help to prevent or delay type 2 diabetes and incorporate healthier habits in their everyday lives through nutrition, exercise, and better management skills. This is a year-long program and we have seen improvements among the different participants thus far and are proud of their hard work and determination. We are thrilled to start up another class towards the end of the year.

A highlight for the tobacco program in 2021 was Utah Rule R384-415 which became effective on July 1, 2021. Tobacco retailers are prohibited from selling a manufacturer sealed electronic cigarette substance with a nicotine concentration that is greater than 5% nicotine by weight per container or exceeds a 59mg/mL concentration of nicotine. 3% or 36mg/mL manufacturer sealed electronic cigarette substance nicotine content is the new requirement. Adolescent vaping is a growing public health concern perpetuated by the addictive and harmful nature of nicotine. Limiting nicotine concentration makes electronic cigarettes significantly less addictive and appealing to youth.

Another highlight for Health Promotion's Tobacco Prevention and Control Program in Tooele County is that out of our 43 stores, only 3 stores did not pass their compliance check. Compliance in Tooele County is significantly better than other health departments in the state. Our retailers should be commended for the great efforts they take in compliance with state and local laws.

This last year Health Promotion also participated in the first-ever Tooele First Responder Summit that included many community members -with an emphasis on law enforcement individuals - and taught/brought up to date the importance of harm reduction and community crisis resources.

DIVISION PROGRAMS

THE COMMUNITY HEALTH SERVICES DIVISION AIMS TO PROMOTE AND PROTECT THE HEALTH AND WELL-BEING OF TOOELE COUNTY RESIDENTS THROUGH THESE PROGRAM AREAS:

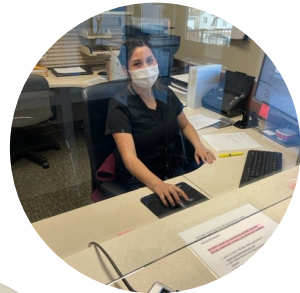
Arthritis

Healthy Environments Active Living
Violence and Injury Prevention
Tobacco Prevention and Control

HEALTHY SMILES DENTAL CLINIC HIGHLIGHTS:

The Tooele County Healthy Smiles Dental Clinic was formed in response to the significant need for dental care by those who have little or no means of obtaining the dental care they need. In 2021, our Dental Clinic continued to provide multiple services to our local community including: Dentures and Partial Dentures, Examinations, Extractions, Fillings, Fluoride Treatments, and X-Rays. In 2021 there were 314 new patients served, 2,332 patient visits, 280 dentures and partial dentures, and 157 crowns. Along with dentures, limited root canals and crowns are done as well.

All Medicaid plans are accepted and our clinic is the only provider in the county that is a University of Utah network dental office. With the changes with Medicaid, all patients with disabilities and over 65 with Medicaid have full dental benefits. This is so exciting for these patients to be able to receive the dental care they need. We also take 3 Medicare plans to help those individuals who in the past have had limited options of local dentists that take their plans. We also now have a new dental assistant that speaks Spanish and we are super excited about that!



Dutch 'Bee Hotels' Helped Bee Populations Remain Stable - More than 11,000 people counted bees as part of the Netherlands' national bee census in 2021—and what they discovered was encouraging, as urban bee populations were found to have remained steady over the past few years. It is believed that a number of initiatives—from hollowed-out plant stems that act as "bee hotels" to a ban on chemical weed killers—are helping the bees thrive.

PREVENTION SERVICES HIGHLIGHTS:

The Prevention Services team utilizes universal strategies to address the shared risk and protective factors associated with substance misuse, suicide, sexual violence, and other problem behaviors. The following highlights reflect what the Prevention Services bureau accomplished after its successful mid-year transition to the Health Department.

In 2021, Prevention Services trained eight secondary health teachers at Tooele County School District in Prevent Child Abuse Utah's child abuse prevention curriculum. As a result of this training, 279 secondary health students were taught the child abuse prevention curriculum. Prevention specialists were able to teach 5869 elementary students the child abuse prevention curriculum. A Sexual Violence Workgroup was formed in September of 2021 with the collaboration of 11 Tooele County agencies with a connection to sexual violence. The workgroup created and placed two billboards with a sexual violence prevention message. The group is creating a sexual violence brochure with local resources and a social media campaign to educate community members about sexual violence. In 2021 there were 1,084 people that attended prevention events.

Grantsville CTC Chalk Fest, Picnic at the Park -

Grantsville City Communities That Care had a banner year for the coalition. Not only was the coalition able to put on a second Chalk Art Festival, but in accordance with the Save Family Dinner initiative was also able to host the first "Grantsville City Picnic at the Park", in which meals and prevention messaging were delivered to over 200 attendees and approximately 50 gun locks were distributed as well.

The year ended on a high note, with the awarding of the first-ever "Youth in Excellence" award to two Grantsville City youth before the City Council. The benefits extend beyond just an award—by recognizing and rewarding pro-social youth, their peers and even the larger community stands to benefit and create a healthy community.

North Valley CTC Family Dinner Night, Family Game Night, implemented GGC -

The North Valley Communities That Care coalition continues to grow and implement strategies to improve the Stansbury Park, Erda, and Lake Point communities. In 2021, the coalition held a Family Dinner Night to educate the community about the importance of eating dinner together as a family to increase family bonding. The coalition also held a Family Game Night at Old Mill Elementary utilizing SAMHSA's Communities Talk funding for underage drinking prevention. Youth Recognition Awards were implemented in the Fall of 2021 in the north valley area to highlight and reward the pro-social behaviors of youth in the community. The Guiding Good Choices parenting workshop was also implemented in Stansbury in October. Three families successfully completed the course. North Valley CTC is looking forward to continuing these strategies.

Wendover -

For the first time in the coalition's history, the Wendover Prevention Group had a prevention specialist to dedicate all their efforts to mobilize the coalition and building capacity for prevention programs. This started as a contracted worker and because of their success, a full-time position was created. With the increased capacity for outreach and building partnerships, two successful events occurred. In August, the Wendover Youth Prevention Coalition held an unveiling of a mural they painted over the summer depicting landmarks unique to both the Wendover and West Wendover cities and the coalition motto "Two Cities, One Community." Civic leaders from both cities spoke to the importance of continued partnership and collaboration to address prevention in the Wendover Community. In September, the coalition hosted a family-friendly bingo night where 46 Wendover residents were provided a catered dinner and won fantastic prizes. The primary goals of this event was to educate parents on their role in underage drinking prevention and promote the benefits of family dinner and parent-child bonding.



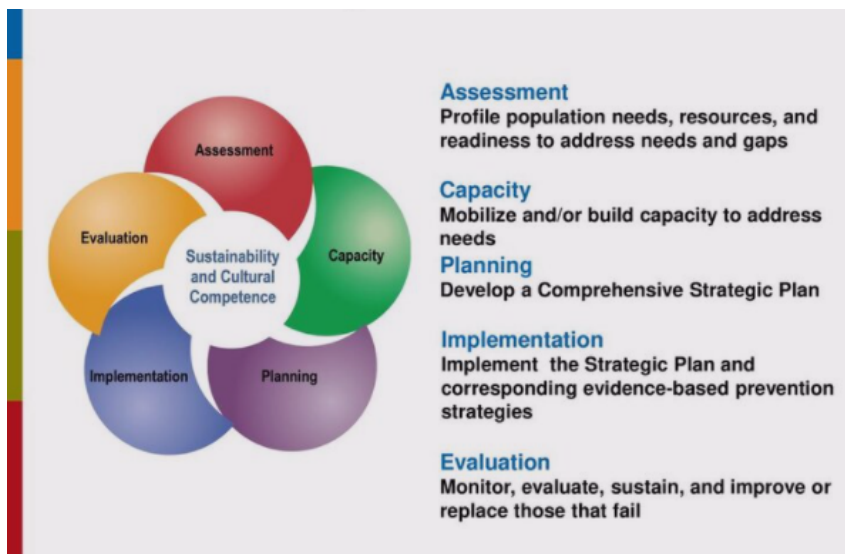
*A Thought-to-Be-Extinct Orchid Was Found on a London Roof -
The biggest-ever game of hide and seek ended in June 2021 when a rare species of orchid was found growing on top of an investment bank in London, despite scientists believing the plant was extinct. "This is clear evidence that with patience and dedication, even the most unlikely places can become havens for some of our rarest wildlife."*

PREVENTION SERVICES HIGHLIGHTS (CONTINUED):
RADPAC Youth Coalition

The Resist Alcohol and Drugs-Prevention Advocacy Coalition (RADPAC) is a youth coalition that provides opportunities for youth in Tooele County to get involved in the work of substance misuse prevention. In 2021, the coalition held their annual Legislative Dinner at which 28 of our local leaders and stakeholders attended to discuss substance misuse with the youth. Additionally, the youth met with 3 of our 4 legislators during Capitol Hill Day to provide information about substance misuse and advocate for prevention. Six youth and 5 adults advisors attended the CADCA Mid-Year Training Institute, which provided leadership training, facilitated mobilization of the coalition, and an opportunity to connect with other prevention youth coalitions around the nation.

THE STRATEGIC PREVENTION FRAMEWORK:

Tooele County Health Department's Prevention Services Bureau uses the Strategic Prevention Framework. This framework outlines a process that an organization, initiative, community, or state can follow in order to prevent and reduce the use and abuse of alcohol, tobacco, and drugs.



ASSESSMENT – CAPACITY –
PLANNING – IMPLEMENTATION –
EVALUATION

COMMUNICABLE DISEASE DATA:

DISEASE	2020	*2021	COMPARISON
Botulism, infant	0	0	=
Brucellosis	0	0	=
Campylobacteriosis	4	10	▲
Chickenpox, (Varicella)	0	0	=
Chlamydia trachomatis infection	171	33	▼
Coccidioidomycosis	2	0	▼
Creutzfeldt-Jakob Disease (human spongiform)	0	0	=
Cryptosporidiosis	0	0	=
Giardiasis	4	5	▲
Gonorrhea	50	70	▲
Haemophilus influenzae, invasive disease	0	0	=
Hepatitis A	2	0	▼
Hepatitis B virus infection, chronic	3	0	▼
Hepatitis B, acute	0	0	=
Hepatitis C virus infection, chronic	44	16	▼
Hepatitis C, acute	1	0	▼
Influenza-associated hospitalizations	15	2	▼
Legionellosis	0	0	=
Lyme disease	0	0	=
Malaria	0	0	=
Meningitis, Viral	0	0	=
Mumps	0	0	=
Norovirus	1	0	▼
Pertussis	7	3	▼
Q fever, chronic	0	0	=
Salmonellosis	5	7	▲
Shiga toxin-producing Escherichia coli (STEC)	1	3	▲
Shigellosis	0	0	=
Streptococcal disease, invasive, Group A	1	0	▼
Streptococcal disease, invasive, Group B	5	4	▼
Streptococcal disease, invasive, other	1	0	▼
Syphilis, early latent	0	0	=
Syphilis, reactor	0	3	▲
Syphilis, secondary	0	2	▲
Tuberculosis Gateway	0	0	=
Tuberculosis, Active	1	0	▼
Tuberculosis, Latent Infection (LTBI)	0	0	=
Vibriosis (non-cholera Vibrio species infection)	0	0	=
West Nile virus neuroinvasive disease	0	0	=
West Nile virus non-neuroinvasive disease	0	0	=
Zika virus disease	0	0	=

*2021 preliminary data

COVID-19

*TOTAL CUMULATIVE COVID-19 DATA (2020-2021)



2021
Total Hospitalizations
667



2021
Total Positive Cases
21,263

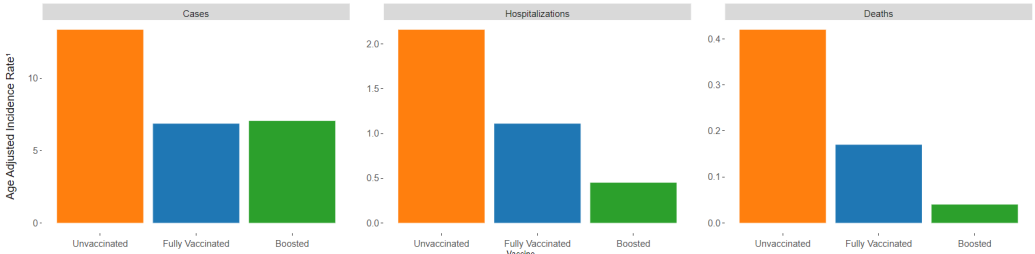


2021
Total Deaths
93

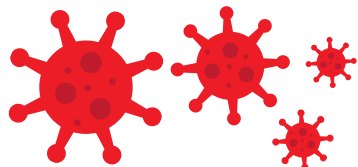
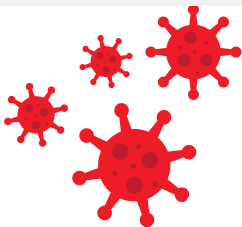
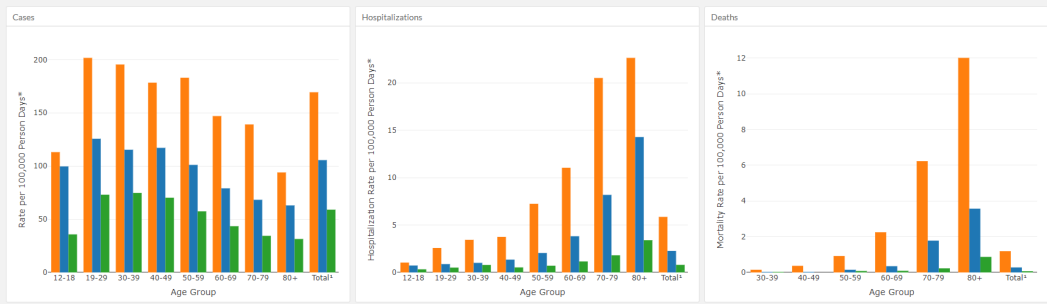


2021
Total ALL
Vaccines Given
54,250

Age Adjusted Unvaccinated and Vaccinated Incidence Rates in People Eligible for the Vaccine in the last 28 days



COVID-19 Case, Hospitalization, and Mortality Rates in **Unvaccinated**, **Fully Vaccinated**, and **Boosted** Utahns by Age Group Since December 21, 2021 (Omicron Period)





151 N Main St, Tooele, UT 84074

435-277-2300

www.tooelehealth.org



@tooelehealth