

TOOELE COUNTY  
**HEALTH**  
DEPARTMENT

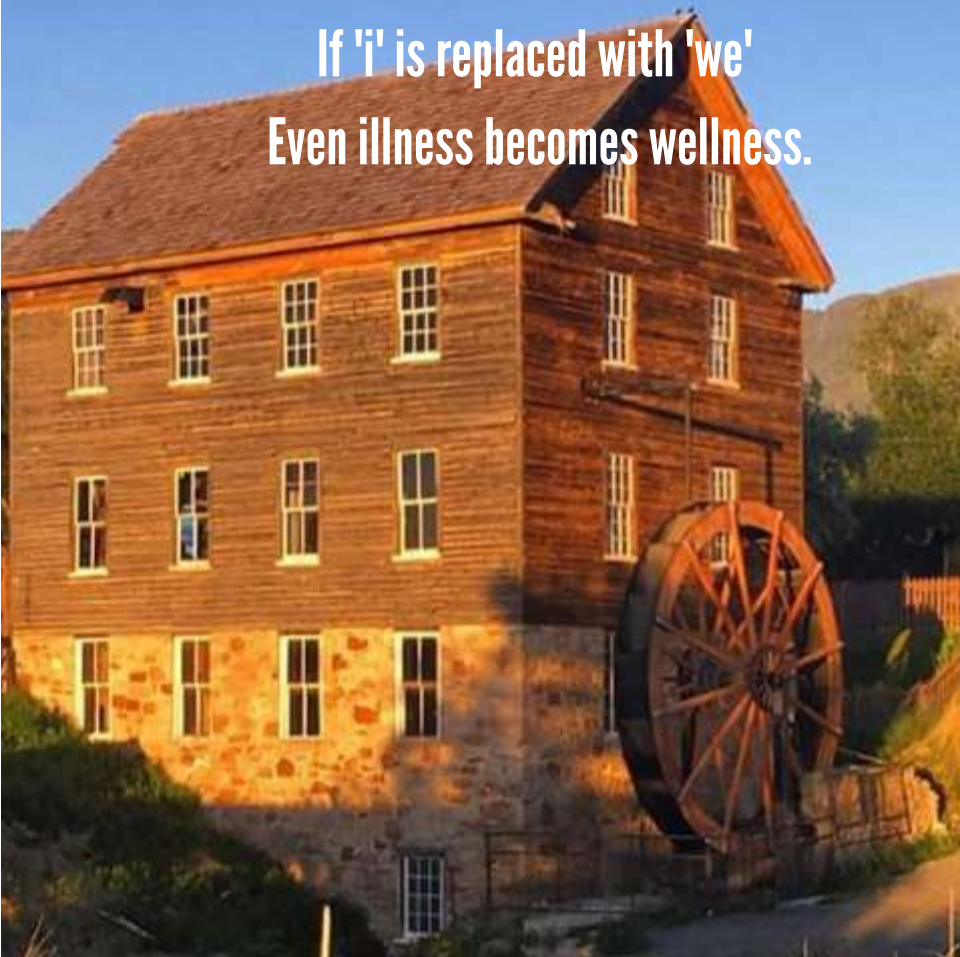
# Annual Report



# 2018



**What is Public Health?**  
**If 'i' is replaced with 'we'**  
**Even illness becomes wellness.**



# TABLE OF CONTENTS:

Mission, Vision .....	3
Board of Health .....	4
Director's Message .....	5
Organizational Chart .....	7
Core Values .....	9
Strategic Plan .....	10
Community Health Assessment .....	11
Community Health Improvement Plan .....	12
Snapshot .....	15
Budget Expenditures & Revenue .....	17
By the Numbers.....	19
Highlights .....	21
Communicable Disease Data .....	35





TOOELE COUNTY  
**HEALTH**  
D E P A R T M E N T

## **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 BOARD OF HEALTH:



**Anthony Howes**



**Mayor Brent Marshall**



**Mayor Brian Johnson**



**Colleen Johnson**



**Devan Clevenger**



**Kyle Memmott**



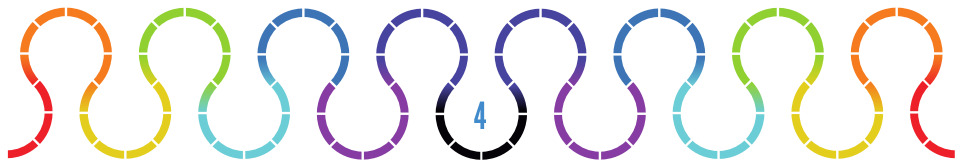
**Linda McBeth  
Chairperson**



**Lynn Falkner, PA-C  
Vice Chairperson**



**Commissioner Tom Tripp**



## A MESSAGE FROM OUR DIRECTOR:

I am pleased to present the Tooele County Health Department's 2018 Annual Report. The managers and staff of Tooele County Health and Aging Services are among the best the State of Utah has to offer. They are committed to providing high level services in the most innovative and effective ways possible. This report highlights some of the activities and accomplishments of the Health Department along with an accounting of the health status of our county.

Tooele County has been and continues to be one of the best prepared counties in the country to prepare for emergency response. In 2018 Tooele County Health Department achieved designation as being "Public Health Ready" from the National Association of City and County Health Officials (NACCHO) for plans to respond to and recover from public health emergencies. This along with Public Health Accreditation by the Public Health Accreditation Board (PHAB), demonstrates the capacity and abilities of the department and staff serving Tooele County.

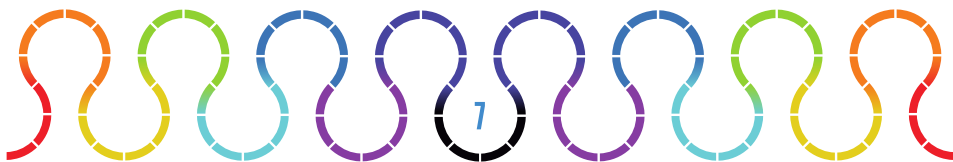
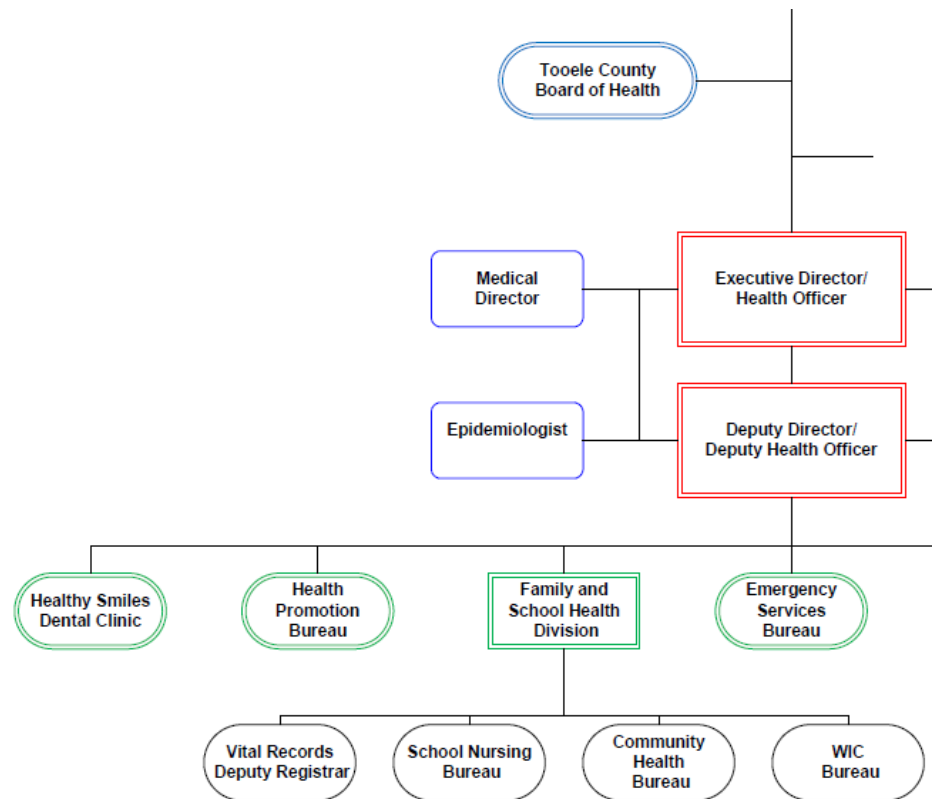
Aging Services is an integral part of public health in Tooele County. This report highlights examples of applying “Aging in all Health Policy.” We recognize that our Senior population is the fastest growing segment of our society as the Baby Boomer generation approaches its golden years. Evidence-based programs have been integrated into our Senior programs with great success. We will strive to expand in this area going forward.

Some of our communities’ greatest challenges and priorities in public health include: the opioid epidemic, systemic suicide rates particularly among our young population, obesity and lack of healthy life styles. We have made extensive efforts to address these issues over the last year. We appreciate the cooperative efforts in tackling these issues by our community partners and stakeholders. Thank you for looking over our report and we look forward to your input and guidance moving forward.



Jeff Coombs, Health Officer

# ORGANIZATIONAL CHART:





Tooele County  
Commission

Executive  
Secretary

Public  
Information  
Officer

Environmental  
Health  
Division

Aging Services  
Division

Administrative  
Services  
Division

Transportation  
Bureau

Senior Centers  
Bureau

In-Home  
Services  
Bureau

## 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.



## OUR STRATEGIC PLAN:

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

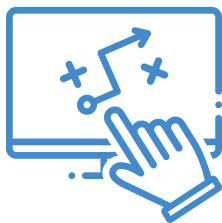
**GOAL:** TCHD will provide high quality health information to stakeholders and the community to promote well-informed decisions.

**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.



# COMMUNITY HEALTH ASSESSMENT:

The Community Health Assessment helps local public health system members identify the most pressing health issues in Tooele County. Through analysis and interpretation of data collected from a variety of sources, public health leaders in Tooele County were able to make informed decisions and develop appropriate interventions to affect change, resulting in a healthier community for all Tooele County residents.



## COMMUNITY HEALTH IMPROVEMENT PLAN:

The Tooele County Health Department is committed to making measurable improvements in the health and safety of our community. As part of an ongoing community health improvement process, community partners from various organizations worked together to develop Tooele County's Community Health Improvement Plan (CHIP). Health priorities selected by community partners for the CHIP are based on data presented in the Community Health Assessment. Despite the improvements made and efforts expended in promoting health and wellness, too many of our citizens are overweight or obese, abuse substances, and suicide rates continue to increase. The challenges we face require a call to action. The CHIP provides the framework for mobilizing community action through partnerships to improve the health of all Tooele County residents, particularly our most vulnerable citizens. Three data-driven health priorities have been identified and are being addressed. Our community must share the ownership of these complex public health problems and we will need diverse community engagement to show improvement. Improved community-wide alignment of our efforts and resources across all areas will be essential to meeting the goals established for each health priority. By working together, we can improve the health of the citizens we serve and achieve our vision of a healthy and safe community for all Tooele County residents.

# 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 availability of all abusive substances.

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

# A SNAPSHOT:



POPULATION - 67,456



AVERAGE HOUSEHOLD INCOME - \$66,542



LIFE EXPECTANCY - 78.1 YEARS



PERSONS LIVING IN POVERTY - 6.8%



HIGHER EDUCATION - 22.6%



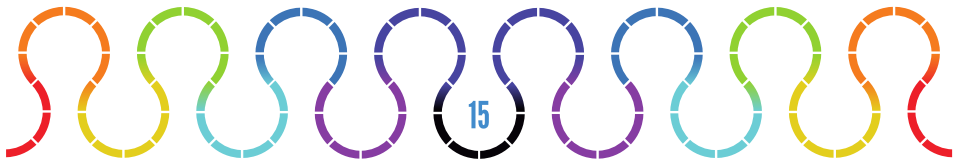
NO HEALTH INSURANCE - 14.5%



TRAVEL TIME TO WORK - 27.8 MIN



COUNTY HEALTH RANKING - 19 of 27







## LEADING CAUSES OF DEATH

The information below represents the age-adjusted death rate for the 10 most common causes of death in Tooele County. \*age adjusted death rate per 100,000

Cause of Death*	Tooele*	Utah*	US*
Heart Disease	184.23	139.3	165.5
Cancer	136.1	122.8	155.8
Unintentional Injuries	50.29	43.67	47.4
Diabetes	33.08	24.0	21.0
Chronic Respiratory Disease	31.97	32.81	40.6
Stroke	31.07	37.8	37.3
Suicide	30.89	22.0	13.0
Alzheimer's Disease	27.78	22.0	30.3
Influenza & Pneumonia	17.36	16.77	13.5
Motor Vehicle Traffic Crash	11.9	9.0	11.5



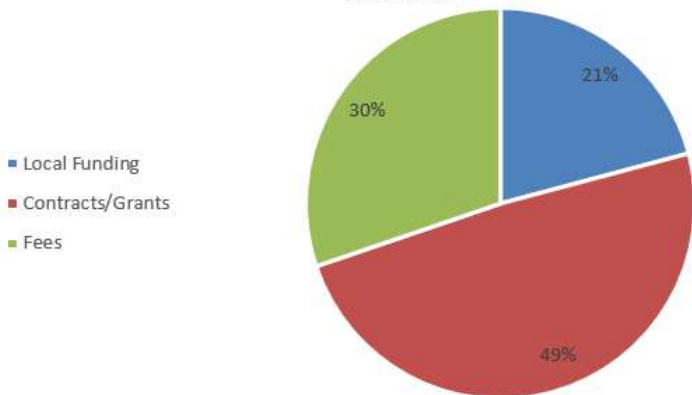
# BUDGET REVENUE & EXPENDITURES:

	Actual	Budget	Variance	%
<b>Revenue</b>				
Local Funding	\$1,143,000	\$1,672,000	(\$529,000)	21%
Contracts/Grants	2,680,000	2,921,000	(241,000)	49%
Fees	1,654,000	1,470,000	184,000	30%
	\$5,477,000	\$6,063,000	(\$586,000)	
<b>Expenses</b>				
Family/School Health	\$1,644,000	\$1,679,000	(\$35,000)	29%
Admin/Support	745,000	809,000	(64,000)	14%
Health Promotion	460,000	606,000	(146,000)	9%
Active Transportation	143,000	300,000	(157,000)	3%
Dental Health	423,000	470,000	(47,000)	8%
Emergency Prep	273,000	355,000	(82,000)	5%
WIC	1,187,000	1,270,000	(83,000)	22%
Environmental Health	520,000	574,000	(54,000)	10%
	\$5,395,000	\$6,063,000	(\$668,000)	
<b>NET</b>	<b>\$82,000</b>	<b>\$0</b>	<b>\$82,000</b>	

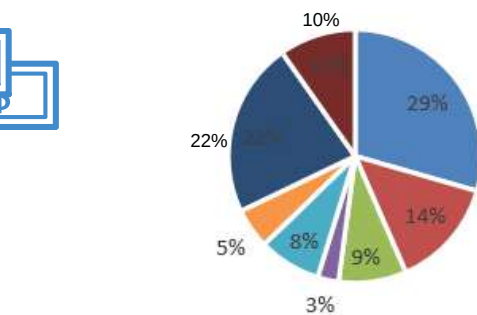


# BUDGET REVENUE & EXPENDITURES :

Revenue



Expenses



- Family/School Health
- Admin/Support
- Health Promotion
- Active Transportation
- Dental Health
- Emergency Prep
- WIC
- Environmental Health

## BY THE NUMBERS:

### Administrative Services Division

Birth Certificates 1688  
Death Certificates 353  
Additional Copies of Birth 226  
Additional Copies of Death 1503  
Multiple Pages 114  
Reissues 212

### Aging Services Division

Home Delivered  
Meals 26203  
Congregate Meals 16646  
Medicare Assistance 703  
SHIP Counselor Assistance 148  
Client Assistance Savings \$223,048  
In-Home Services Home Visits 196  
Senior Transportation Rides 6624  
Volunteers 102

### Environmental Health Division

Food Service Plan Reviews 20  
Food Service Permits 267  
Food Service Inspections 367  
Temporary Event Inspections 202  
Food Safety Managers Certified 63  
Food Handlers Trained 1572  
Foodborne Illness Complaints 10  
School and Playground Inspections 23  
Daycare Food Service Inspections 17  
Public Pools and Spas Inspections 30  
Public Pool Water Samples Taken 276



# BY THE NUMBERS:

## Community Health Bureau

Breast/Cervical Exams 76  
Contact Investigations 756  
TB Testing 303  
STD/STI Testing 58  
Home Visits 166  
Flu Immunizations 3042

## Family and School Health Division

### School Nursing Bureau

School Nurses 5  
Flu Clinics 30  
Flu Vaccines Given 2132

### WIC Bureau

Clients Served 2208  
Initially Breastfed 1177  
Education Classes 107

## Health Promotion Bureau

Car Seats Checked 48  
Car Seats Distributed 34  
Tobacco Compliance Checks 79  
NARCAN Distributed 132  
Quit Line Registrations 59  
Suicide Prevention Trainings 33  
Suicide Prevention Trained 1320

## Healthy Smiles Dental Clinic

Patient Visits 2735  
New Patients 578

## AGING SERVICES DIVISION HIGHLIGHTS:

For the fifth consecutive year Tooele County Aging Services held its annual Senior Expo in October. The Expo connects older adults and caregivers with resources. Flu shots and health screenings for balance, blood pressure, and memory were offered. There were 367 people that attended the event, and 60 vendors set up exhibits.

Aging In-Home Services provided two new programs to the community to assist caregivers and professionals with the difficult aspects of taking care of a person diagnosed with Dementia. Dementia Dialogues is a program focused on providing education and practical tips when providing care to someone with dementia. Dementia Live is simulation where participants can experience the challenges faced by those living with dementia. These programs were provided to 276 people in our community.



## AGING SERVICES DIVISION HIGHLIGHTS:

Tooele and Grantsville Senior Centers work together to hold events, activities, and outings for older adults in Tooele County. These combined efforts have proven successful utilizing resources effectively but also helping to cultivate friendships and relationships with seniors from the different communities. On average 130 meals are served during combined luncheons. Older adults enjoy getting together for good company, a delicious and healthy meal, and fun entertainment.

The Tooele Transportation Program provides safe and reliable transportation to county residents with a focus on older adults, people with disabilities and veterans. In 2018, the Transportation program provided 8,994 rides to medical appointments, shopping, other necessities or for social activities improving the quality of life and building a strong community.



# EMERGENCY SERVICES BUREAU HIGHLIGHTS:

TCHD receives national Project Public Health Ready (PPHR) recognition. The Tooele County Health Department was notified on January 10, 2018, that the department had achieved the designation of “Public Health Ready.” PPHR is a criteria-based training and recognition program that assesses local health department capacity and capability to plan for, respond to, and recover from public health emergencies. PPHR aims to protect the public's health and strengthen the public health infrastructure by equipping local health departments with sustainable tools to plan, train, and exercise using a continuous quality improvement model. This success was overseen by the Emergency Services Bureau.



**Public Health**  
Prevent. Promote. Protect.

**NACCHO**

National Association of County & City Health Officials  
*The National Connection for Local Public Health*





## ENVIRONMENTAL HEALTH DIVISION HIGHLIGHTS:

Household Hazardous Waste Collection Day was a success with 433 total households disposing of household hazardous waste at the annual collection day in May.

Hazardous waste such as used oil and antifreeze, batteries, paint, pesticides, and other chemicals were collected and properly disposed of. Electronic waste and prescription medications were also included for disposal. Over 100 pounds of medications were collected and turned over to the Drug Enforcement Agency.

In 2018 there were 105 Voluntary Air Action days and 24 Mandatory Air Action days.

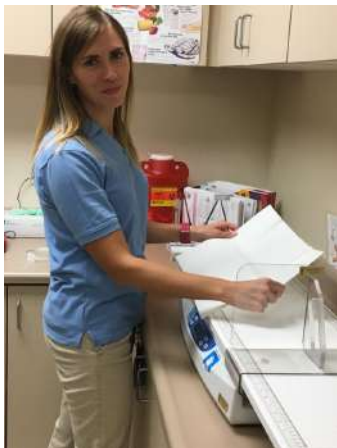
On Mandatory Air Action days solid fuel burning devices may not be used, including wood and coal burning stoves and fireplaces. Open burning may not occur, including fire pits, fire rings, and campfires. It is important for TCHD to work to keep our physical environment healthy and safe by facilitating proper disposal of hazardous materials and monitoring the air quality of Tooele County.



## FAMILY AND SCHOOL HEALTH DIVISION HIGHLIGHTS:

The Community Health Bureau quality improvement (QI) project was to increase the use of fluoride in youth under age 16. Nurses educated parents regarding the lack of fluoride in Tooele County drinking water which can put their child at an increased risk for tooth decay. Under the direction of Dr. Newland, the dentist at the TCHD, fluoride prescriptions were made available according to the level of fluoride in the client's water and the age of the client. The Family and School Health Division educated, assessed, and provided fluoride prescriptions for 223 clients during 2018.

The Women, Infants, and Children Bureau QI project lowered anemia rates in children. Rates were reduced by 9.28%, from 16.82% in 2017 to 6.54% in 2018. WIC was able to accomplish this by retesting children immediately after a low reading, by giving education on how to increase iron in the child's diet, and retesting all children with anemia within three months.



## FAMILY AND SCHOOL HEALTH DIVISION HIGHLIGHTS:

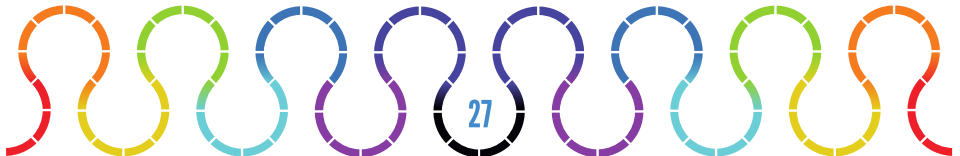
Our School Nursing Bureau worked with the Tooele County School District to update the Fifth Grade Maturation Program. The curriculum was old and out of date and is now much more modern and user friendly.

Our WIC Bureau was recognized for providing an "exemplary" breastfeeding program. They received national recognition by the US Department of Agriculture for their Breastfeeding Support program. The award is called the 2018 Gold Loving Support Award of Excellence.



# HEALTH PROMOTION BUREAU HIGHLIGHTS:

Several exciting activities took place in Health Promotion during 2018. A longtime activity was completed with the Active Transportation Tooele Valley Pathway Plan being accepted into the General Plan and a passing of the county ordinance to include Active Transportation in all new land development. A stop light and crosswalk were added to State Route 138 to allow children a safe way to walk to school. Both the Midvalley Trail and Rabbit Lane were closed to motorized vehicles along with planning for construction of the Stansbury Park Underpass. Active Transportation initiatives enhance access to healthy living and lead people in our community towards increased physical activity.



## HEALTH PROMOTION BUREAU HIGHLIGHTS:

Two staff became certified instructors of Tai Chi. Tai Chi is an ancient exercise that combines slow moving with deep breathing. Tai Chi is easy to learn, safe, and effective. Tai Chi has been shown to improve balance, muscular strength, mobility, increases flexibility, improves psychological health, decreases pain, and prevents falls. One in four Americans aged 65+ fall every year. Falls are the leading cause of injury, hospitalization, and death for older adults. Tai Chi helps seniors take control of their health and prevent falls. Two 8-week workshops were held; one at the Tooele Senior Center and one at the Grantsville Senior Center. Nearly 100 seniors participated.



# HEALTH PROMOTION BUREAU HIGHLIGHTS:

Live Fit celebrates teacher efforts with Wellness in the Classroom awards. Classroom physical activity benefits students by improving concentration and ability to stay on-task, reducing disruptive behavior, improving motivation and engagement in the learning process, helping improve academic performance (higher grades and test scores), and increasing their amount of daily physical activity.



Eleven healthcare clinics participated in the Million Hearts® -blood pressure technical assistance- awards program, clinic participation more than doubled in 2018. The Million Hearts® Hypertension Control Challenge is a competition to identify practices, clinicians, and health systems that have worked with their patients to achieve hypertension control rates of at least 80% through innovations in health information technology and electronic health records, patient communication, and health care team approaches.



# HEALTH PROMOTION BUREAU HIGHLIGHTS:

The National Diabetes Prevention Program is a new evidence-based program that provides effective programs that help residents eat better, lose weight and exercise. Sharing their health struggles and reporting their progress to fellow classmates helped participants find more energy, lose weight and lower blood-sugar levels.



# HEALTH PROMOTION BUREAU HIGHLIGHTS:

Health Promotion was awarded "Outstanding Community Partner" by Utah State University Extension in recognition and appreciation of their support and active involvement in the Utah Food Sense (SNAP-Ed) Program. Healthy food sampling, healthy food donations, and Farmers Market Double Up Food Bucks (\$2 for \$1) were offered to the community. This helps to bring better nutrition to Tooele County.





# HEALTH PROMOTION BUREAU HIGHLIGHTS:

The Opioid Crisis was an area where major work was done to include response teams, focus groups, providing Naloxone (an opioid antidote) and associated training, hospital partnerships on the "Speak Out, Opt Out and Throw Out" and "Use Only as Directed" opioid awareness campaigns, and community awareness presentations.



## HEALTH PROMOTION BUREAU HIGHLIGHTS:

The Tobacco Prevention and Control Program (TPCP) shifted into high gear after the 2018 legislative session changed the way tobacco retailers were permitted. With House Bill 324 a new application and permitting process was put in place. The Health Promotion Bureau worked with the Environmental Health Division to permit tobacco retailers in the same way food establishments are permitted. This collaboration made for a smooth transition.

TPCP worked with the Tooele Housing Authority to help them get a smoke-free housing policy in place for all of their units and offer options for tobacco cessation to the tenants who are wanting help.

Tooele youth members from the RAD PAC (prevention and advocacy coalition) and Wendover Prevention Youth Group attended the Youth Prevention Summit at Snow College. There were four youth from Tooele, five youth from Wendover and three youth leaders.

These initiatives help reduce substance abuse in Tooele County.



# 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. During 2018, 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 2018 there were 578 new patients served and 2735 patient visits.

"I love seeing someones life change, simply by changing their smile."

- Healthy Smiles Dental Clinic Employee



# 2018 COMMUNICABLE DISEASE DATA:

DISEASE	2017	*2018	COMPARISON
Botulism, infant	0	0	=
Brucellosis	0	0	=
Campylobacteriosis	3	3	=
Chickenpox, (Varicella)	0	0	=
Chlamydia trachomatis infection	191	186	↓
Coccidioidomycosis	1	0	↓
Creutzfeldt-Jakob Disease (human spongiform)	0	0	=
Cryptosporidiosis	0	3	↑
Giardiasis	0	3	↑
Gonorrhea	43	27	↓
Haemophilus influenzae, invasive disease	0	2	↑
Hepatitis A	2	1	↓
Hepatitis B virus infection, chronic	2	2	=
Hepatitis B, acute	0	0	=
Hepatitis C virus infection, chronic	47	45	↓
Hepatitis C, acute	0	1	↑
Influenza-associated hospitalizations	27	8	↓
Legionellosis	1	0	↓
Lyme disease	0	1	↑
Malaria	1	2	↑
Meningitis, Viral	3	1	↓

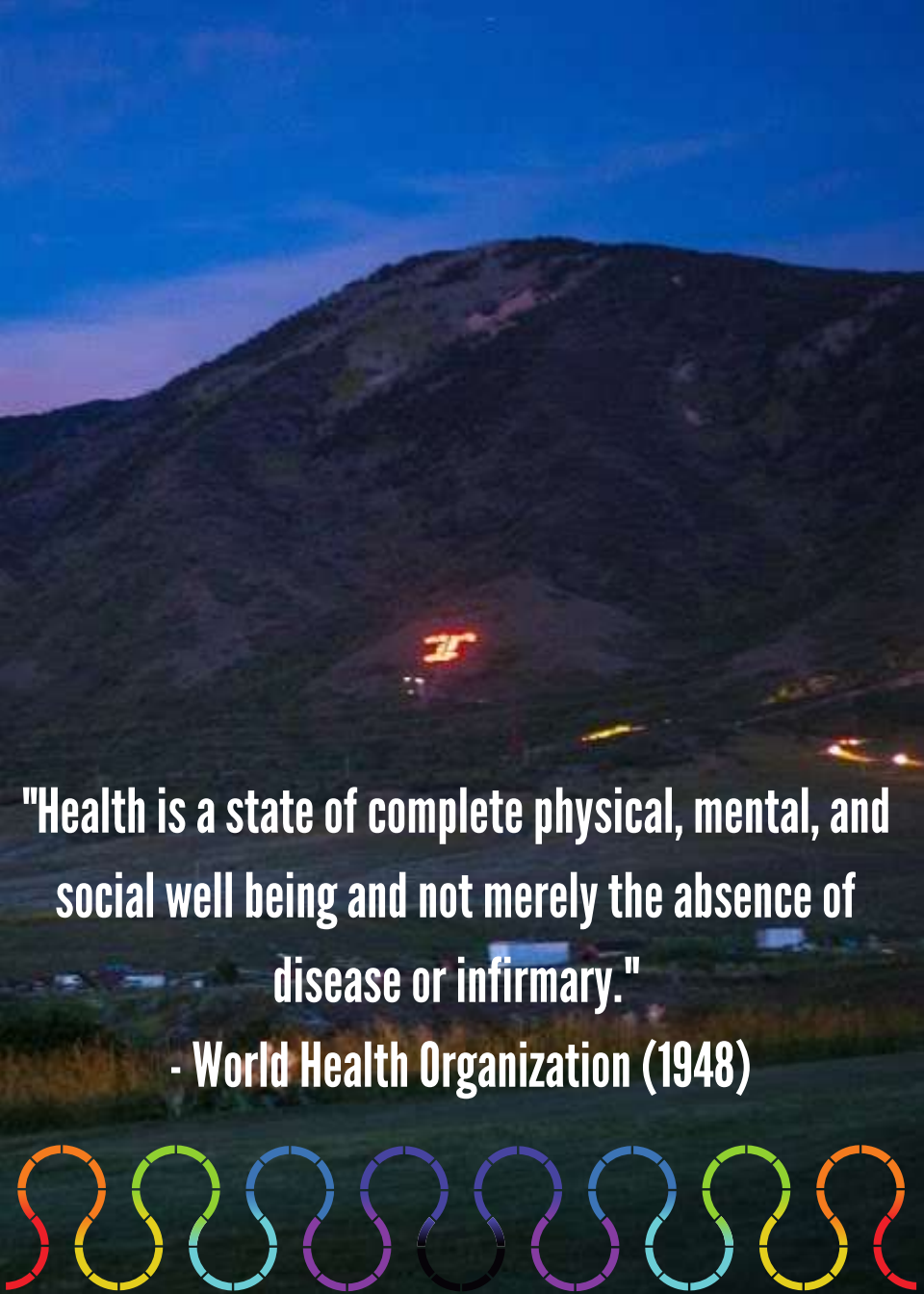
\*2018 preliminary data

# 2018 COMMUNICABLE DISEASE DATA:

DISEASE	2017	*2018	COMPARISON
Mumps	0	0	=
Norovirus	0	4	↑
Pertussis	0	1	↑
Q fever, chronic	0	0	=
Salmonellosis	5	11	↑
Shiga toxin-producing Escherichia coli (STEC)	3	0	↓
Shigellosis	0	2	↑
Streptococcal disease, invasive, Group A	3	3	=
Streptococcal disease, invasive, Group B	1	2	↑
Streptococcal disease, invasive, other	2	1	↓
Syphilis, early latent	0	1	↑
Syphilis, reactor	3	1	↓
Syphilis, secondary	1	0	↓
Tuberculosis Gateway	0	0	=
Tuberculosis, Active	0	0	=
Tuberculosis, Latent Infection (LTBI)	1	1	=
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	1	↑

\*2018 preliminary data





**"Health is a state of complete physical, mental, and social well being and not merely the absence of disease or infirmity."**

**- World Health Organization (1948)**





TOOELE COUNTY  
**HEALTH**  
DEPARTMENT

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@tooelehealth

