WASATCH COUNTY
HEALTH DEPARTMENT

ANNUAL REPORT 2017

HEALTH OFFICER MESSAGE

Randall Probst
Health Officer

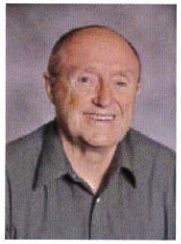
I am pleased to share with you the Wasatch County Health Department's 2017 Annual Report. I first want to express sincere appreciation to our patrons who utilize the services, to the many partners who work collaboratively with us to enhance community health status and wellbeing, to our dedicated and engaged Board of Health who carefully, thoughtfully, and professionally guide the department, and to our exceptional staff who are consistently proactive with ever changing community health needs. It is a privilege to be part of this collaborative effort and I am proud of the WCHD team and their accomplishments.

In this annual report you can find a list of the programs and services provided by WCHD. From that list we feature a few highlights from the year from various programs and services. Although only a snapshot, you can glimpse some of the important accomplishments and activities for 2017. For more detail on these highlights or other programs or services, please visit our website at www.wasatchcountyhd.org

Also featured in the report are some of the health indicators, department statistics, and budget numbers for the year. I hope it is helpful and informative as you consider the impact of Public Health on in community wellness. Thank you for taking time to review the report. I again invite you to come by and share your thoughts and insights about the report and our programs and services. I welcome your input and feedback as we work together to enhance our community health.

Randall K Probst

Wasatch County Board of Health



Neal Burton

Kendall Crittenden

Jay Eckersley
Chair

Robert Giles

Gerald Hayward

Michele Ludlow

Sara Simonsen
Vice-Chair

The members of the Wasatch County Board of Health have enjoyed working with Randall Probst and the fantastic employees of the health department this year. Our efforts have been guided by a Community Needs Assessment specific to Wasatch County, focusing on the following priorities: pre-diabetes/diabetes, high blood pressure, and mental health.

As seen in this report, the department has also worked on ways to improve performance in serving the public. Among these was a renovation to the department's clinic area as well as a continuation by staff to build and maintain strong partnerships to meet the needs of the community, including underserved populations. As Board Members, we are grateful for the opportunity to serve and work with these dedicated individuals.

Vision

Optimal community health through collaboration in a highly integrated community health system

Mission

Enhance community health status and promote the well-being of individuals, families, and the community

55 South 500 East
Heber City, UT 84032

www.wasatchcountyhd.org

PROGRAMS & SERVICES

Administration

- **Budget & Finances**
- **Dental Clinic**
- **Public Health Policy**
- **Public Relations**
- **Vital Records:** Birth & Death Certificates

Environmental Health

- **Emergency Services:** Preparedness Planning and Coordination; Hazardous Materials Incident Response; and Volunteer Management
- **Epidemiology:** Disease Surveillance and Investigations
- **Permitting & Inspections:** Body Art Facilities; Food Handlers; Food Service Establishments; Liquid Waste Haulers; Mass Gathering Events; Mobile Home & RV Parks; Public Lodging Facilities; Public Swimming Pools; Public Water Systems; Schools; Septic Systems; Solid Waste Facilities; Tanning Facilities; and Used Oil Facilities
- **Public Health Complaints**

Health Promotion

- **Cancer Awareness & Prevention:** Sun Safety; Radon Testing
- **Healthy Eating & Active Living:** Diabetes Management; Gold Medal Schools; Mile by Mile Marathon
- **Injury Prevention:** Wasatch Safe Kids Coalition; Child Passenger Safety; Bike Helmet Promotion; Suicide Prevention; Senior Fall Prevention; Zero Fatalities
- **Tobacco Prevention & Control:** Utah Indoor Clean Air Act; Youth Tobacco Access Regulation; Tobacco Prevention; Tobacco Cessation

Public Health Nursing

- **Blood Tests and Urinalysis**
- **Children's Services:** Well Child Exams; Early Intervention Program; Developmental Screening
- **Immunizations:** Vaccines for Children Provider; Adult Vaccines; International Travel Clinic; TB Testing & Treatment
- **STD Testing and Treatment**
- **Women's Clinic:** Breast & Cervical Cancer Screening; Family Planning & Birth Control: Lifestyle Coaching for Women 40 to 64 Years Old

Women, Infants, & Children (WIC)

- **Breastfeeding Support**
- **Checks for Healthy Foods**
- **Community/Healthcare Referrals**
- **Nutrition Assessment & Counseling**

HEALTH SNAPSHOT: HIGH

Harmful Algae Found at Local Reservoirs

In partnership with the Utah Department of Environmental Quality, Central Utah Water Conservancy District, and Utah State Parks, the health department identified and monitored localized algal blooms in parts of Deer Creek and Jordanelle reservoirs in fall 2017. Testing on water samples from the blooms detected potentially harmful levels of toxins in both reservoirs.

Based on these results. the health department issued warning advisories for Deer Creek and Jordanelle reservoirs. These advisories cautioned people to avoid swimming or boating in the areas affected by the blooms; to prevent getting water from the reservoirs in their mouths; to keep pets away from the water; and to clean all fish caught thoroughly, including discarding guts.

Algal blooms develop when normally occurring cyanobacteria (known as blue-green algae) multiply quickly to form visible colonies in the water. During blooms, cyanobacteria may produce toxins that can pose a health risk to people, pets, and other animals. For more details on harmful algal blooms, visit the website habs.utah.gov.

Expanded Clinical Services Now Available for Men

The health department received funding in 2017 to offer additional clinical services to men. These include screening tests for blood pressure, glucose, and cholesterol; meeting with certified health coaches and dieticians; and access to fitness resources.

The aim of these services is to detect signs of chronic disease early and help clients make adjustments to decrease the risk of developing disease. While these services have been available to women for several years, this funding now allows the department to meet the needs of men in the community as well.

Department Partners with School District to Mentor Youth Advocates

Governing Youth Council (GYC) is a school-based youth group dedicated to promoting health and safety through education, policy, and youth advocacy. It focuses on alcohol, tobacco, drug prevention, mental wellness, and safe teen driving.

During 2017, GYC hosted an Opinion Leader Dinner with several community leaders and organizations, attended events at the Utah State Capitol during the legislative session, participated in the high school homecoming parade, and provided education to peers at activities throughout the school year.

The health department partners with Wasatch School District to provide GYC Clubs at Timpanogos Middle School, Rocky Mountain Middle School, and Wasatch High School.

HLIGHTS FROM THE YEAR

REDESIGNED WAITING AREA IMPROVES EXPERIENCE

The department completed a renovation of the clinic's front desk and waiting area. The goal of the project was to make the brief time waiting for an appointment more comfortable while at the same time provide increased privacy for clients to interact with clerical staff.

The new waiting area offers clients a large, well-lit space to sit away from the front desk while they wait for their appointment to start. For those with children, the waiting area also provides toys, books, and educational displays to keep them occupied.

NEW IMMUNIZATION COORDINATOR

The health department hired Brittny Mecham as Immunization Coordinator following the retirement of Suzan Holdaway. Brittny is a registered nurse from Alpine, Utah who most recently worked in the emergency department and employee health program at Unity Point Health in Iowa.

As Immunization Coordinator, Brittny oversees all of the department's immunization programs, including Vaccines for Children (VFC) and the International Travel Clinic. Her expert knowledge makes her a resource for the entire community, from clients seeking immunizations to clinicians with questions about vaccines and vaccine-preventable diseases.

HEALTH EDUCATORS HELP MIDWAY ELEMENTARY EARN NATIONAL AWARD

In 2017, Midway Elementary earned the bronze level National Healthy School Award from the Alliance for a Healthier Generation, the only school in Utah given this honor. The award acknowledges schools that have implemented changes to create healthier school environments.

Health educators from the health department worked with staff at Midway Elementary to assess practices at the school and complete the award application process. Some practices include introducing a curriculum by Play Works into recess time and creating a community garden.

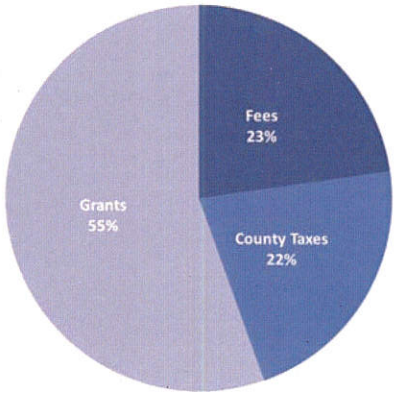
Having a healthy school environment is important because school is where kids spend the majority of their time outside of the home. Studies show that healthy students perform better on tests, get better grades, attend school more often, and behave better in class. The department will continue to work with Midway Elementary as they implement changes to improve students' health.

For more information, visit the health department's website at: www.wasatchcountyhd.org or scan this QR Code

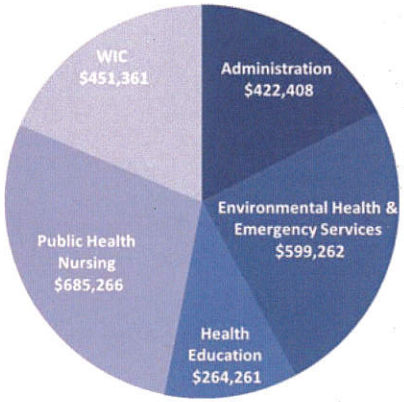
AT A GLANCE

2017 BUDGET

REVENUE



EXPENSES



TOTAL EXPENDITURES: *$2,422,558*

A SAMPLE OF STATISTICS

DEPARTMENT SERVICES

5,851	114	2,102
IMMUNIZATIONS GIVEN	REPORTABLE DISEASE CASES INVESTIGATED	VITAL RECORDS ISSUED

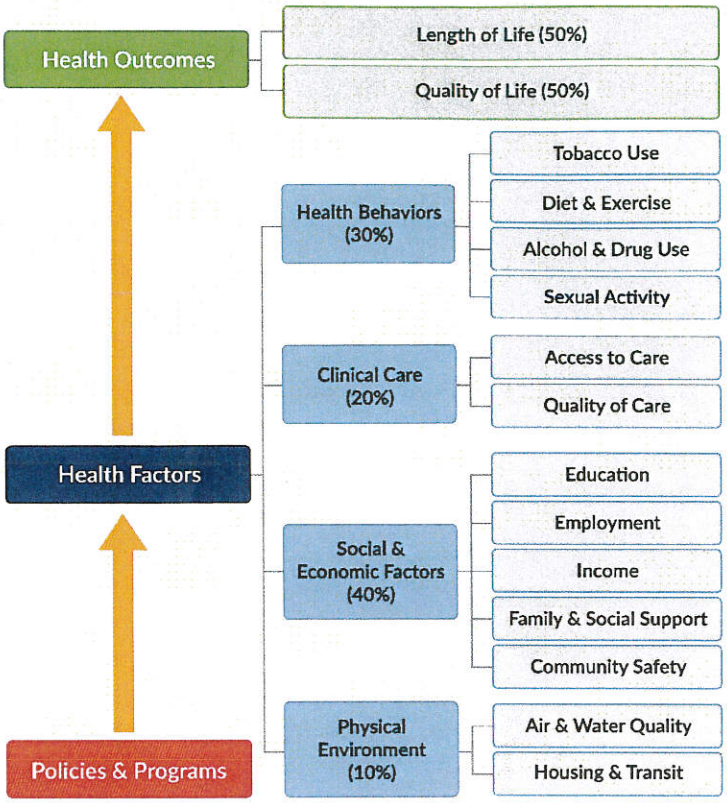
HEALTH INDICATORS

Number of Wasatch County adult residents that reported ever being told they had the condition by a doctor or other qualified health professional

2,070	6,357	5,569
PREDIABETES	HIGH BLOOD PRESSURE	DEPRESSION

Introduction

Ranking the health of nearly every county in the nation (based on the model to the right), County Health Rankings & Roadmaps (CHR&R) illustrates what we know when it comes to what is keeping people healthy or making them sick and shows what we can do to create healthier places to live, learn, work and play. CHR&R brings actionable data, evidence, guidance and stories to communities to make it easier for people to be healthy in their neighborhoods, schools and workplaces.



County Health Rankings model © 2018 UWPHI

Our country has achieved significant health improvements over the past century. We have benefited from progress in automobile safety, better workplace standards, good schools and medical clinics, and reductions in smoking and infectious diseases. But when you look closer, there are significant differences in health outcomes according to where we live, how much money we make or how we are treated. The data show that not everyone has benefited in the same way from these health improvements. There are fewer opportunities and resources for better health among groups that have been historically marginalized including people of color, people living in poverty, people with physical or mental disabilities, LGBTQ persons, and women.

This report explores the size and nature of health differences by place and race/ethnicity in Utah and how state and community leaders can take action to create environments where all residents have the opportunity to live their healthiest lives. Specifically, this report will help illuminate:

1. What health equity is and why it matters
2. Differences in health outcomes within the state by place and racial/ethnic groups
3. Differences in health factors within the state by place and racial/ethnic groups
4. What communities can do to create opportunity and health for all

The Robert Wood Johnson Foundation (RWJF) collaborates with the University of Wisconsin Population Health Institute (UWPHI) to bring this program to cities, counties, and states across the nation.

County Snapshots

How to print Areas to Explore with Firefox or Internet Explorer

Wasatch (WA)

☐ Show areas to explore ☐ Show areas of strength

County Demographics

	County	State
Population	30,528	3,051,217
% below 18 years of age	32.3%	30.2%
% 65 and older	10.2%	10.5%
% Non-Hispanic African American	0.4%	1.1%
% American Indian and Alaskan Native	0.9%	1.6%
% Asian	1.0%	2.5%
% Native Hawaiian/Other Pacific Islander	0.2%	1.0%
% Hispanic	13.5%	13.8%
% Non-Hispanic white	83.5%	78.8%
% not proficient in English	3%	2%
% Females	48.9%	49.7%
% Rural	26.9%	9.4%

		Wasatch County	Error Margin	Top U.S. Performers	Utah	Rank (of 27)
Health Outcomes						2
Length of Life						3
Premature death		4,500	3,700-5,400	5,300	5,900	
Quality of Life						2
Poor or fair health **		11%	11-12%	12%	12%	
Poor physical health days **		3.2	3.1-3.3	3.0	3.4	
Poor mental health days **		3.2	3.0-3.3	3.1	3.6	
Low birthweight		7%	6-7%	6%	7%	
% LBW	**7%**					
% LBW (Hispanic)	6%					
% LBW (White)	7%					

Additional Health Outcomes (not included in overall ranking)

Premature age-adjusted mortality	240	200-270	270	290
Child mortality	40	20-60	40	50
Infant mortality			4	5
Frequent physical distress	9%	9-9%	9%	10%
Frequent mental distress	10%	10-10%	10%	11%
Diabetes prevalence	6%	5-7%	8%	7%
HIV prevalence	32		49	116

	Wasatch County	Error Margin	Top U.S. Performers	Utah	Rank (of 27)
Health Factors					6
Health Behaviors					7
Adult smoking **	9%	9-10%	14%	9%	
Adult obesity	22%	20-25%	26%	25%	
Food environment index	8.5		8.6	7.8	
Physical inactivity	15%	13-17%	20%	17%	
Access to exercise opportunities	68%		91%	88%	
Excessive drinking **	15%	15-16%	13%	13%	
Alcohol-impaired driving deaths	3%	0-13%	13%	19%	
Sexually transmitted infections	108.2		145.1	293.3	
Teen births	20	17-23	15	21	
Teen Birth Rate	**20**				
Teen Birth Rate (Hispanic)	44				
Teen Birth Rate (White)	15				
Additional Health Behaviors (not included in overall ranking)					
Food insecurity	12%		10%	13%	
Limited access to healthy foods	1%		2%	6%	
Drug overdose deaths	14	7-24	10	21	
Drug overdose deaths - modeled	18-19.9		8-11.9	22.4	
Motor vehicle crash deaths	10	6-15	9	8	
Insufficient sleep	28%	27-29%	27%	30%	
Clinical Care					14
Uninsured	16%	14-18%	6%	12%	
Primary care physicians	1,720:1		1,030:1	1,740:1	
Dentists	2,040:1		1,280:1	1,490:1	
Mental health providers	1,090:1		330:1	350:1	
Preventable hospital stays	30	20-41	35	28	
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	85%	69-100%	91%	86%	
	61%	48-75%	71%	60%	
Additional Clinical Care (not included in overall ranking)					
Uninsured adults	17%	15-20%	7%	14%	
Uninsured children	13%	9-16%	3%	7%	
Health care costs	$8,704			$8,903	
Other primary care providers	4,361:1		782:1	1,308:1	

		Wasatch County	Error Margin	Top U.S. Performers	Utah	Rank (of 27)
Social & Economic Factors						5
High school graduation		92%		95%	85%	
Some college		71%	64-77%	72%	70%	
Unemployment		3.3%		3.2%	3.4%	
Children in poverty		8%	5-10%	12%	11%	
% Children in Poverty	**8%**					
% Children in Poverty (Hispanic)	28%					
% Children in Poverty (White)	6%					
Income inequality		3.7	3.1-4.4	3.7	3.8	
Children in single-parent households		12%	7-17%	20%	18%	
Social associations		3.4		22.1	3.5	
Violent crime		90		62	215	
Injury deaths		56	44-70	55	66	
Additional Social & Economic Factors (not included in overall ranking)						
Disconnected youth				10%	12%	
Median household income		$73,100	$64,400-81,800	$65,100	$65,900	
Household Income	**$73,100**					
Household income (Hispanic)	$41,500					
Household income (White)	$75,200					
Children eligible for free or reduced price lunch		33%		33%	36%	
Residential segregation - black/white				23	62	
Residential segregation - non-white/white		29		14	41	
Homicides				2	2	
Firearm fatalities		12	7-19	7	12	
Physical Environment						25
Air pollution - particulate matter **		7.1		6.7	6.1	
Drinking water violations		Yes				
Severe housing problems		18%	15-22%	9%	16%	
Driving alone to work		79%	74-83%	72%	76%	
Long commute - driving alone		36%	31-41%	15%	24%	

^ 10th/90th percentile, i.e., only 10% are better.
Note: Blank values reflect unreliable or missing data
** Data should not be compared with prior years

2018