



Utah County

HEART of UTAH

Health Department



FROM THE EXECUTIVE DIRECTOR

Dear Utah County Residents and Community Leaders,

During 2015 many changes have taken place at the Utah County Health Department. Dr. Joseph Miner accepted a position as the Director of the Utah State Department of Health in August of 2015. In seeking to replace Dr. Miner as the Health Officer for Utah County the Utah County Board of Health followed the model of 11 of the other 12 Local Health Departments in the state replacing the Executive Director position with a non-physician and then contracting for Medical Director service with a physician.

In October of 2015, Ralph Clegg was appointed as the Executive Director/Health Officer of the Utah County Health Department by the Board of Health and the appointment was ratified by the Utah County Board of Commissioners. Having worked at the Utah County Health Department for over 32 years, with about 25 of those years as Deputy Director, I appreciate very much the confidence of the Board of Health and Board of Commissioners in appointing me to this position. We have now contracted with David Flinders, a local retired physician, to serve as our Medical Director.

Early in 2015, Utah County was presented with its first measles cases in many years. The cases were tied to the outbreak that began at Disneyland. Due to the diagnostic skill of an area physician, Dr. Douglas Hacking, we were notified about the cases on a Saturday and were able to immediately follow-up with the infected individuals. The individuals were isolated to their home for the duration of the infectious period on that same Saturday which avoided the potential exposures that would have taken place at church the next day and school on Monday. These coordinated efforts helped us avoid a serious outbreak in our communities and throughout the state.

Utah County continues to be rated as a very healthy community. Annual county health rankings are gathered through a collaborative effort between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute, see www.countyhealthrankings.com. Utah County is rated as the 5th healthiest county in the state and the only heavily urbanized county with a population of over 125,000 in the top five in the state (Utah County's Population estimate is 575,000). Utah County is rated number one for Health Behaviors and number two for Quality of life. The overall rating is lowered largely due to the air quality issues we experience in the county. In comparison to the statewide average and national figures, Utah County has:

- Fewer years of life lost before age 75
- A lower percentage of live infants with low birth weight
- A lower birth rate for teen mothers ages 15-19
- A lower rate of adults reporting current cigarette smoking
- A lower rate of adults reporting binge or heavy drinking
- A lower percentage of alcohol-impaired driving deaths
- A higher percentage of adults ages 25-44 with some post-secondary education

These are just a few of our many positive health ratings. It requires effort from everyone to keep Utah County a healthy place to live. We appreciate the support of our County Commission, the Board of Health, involved citizens and community leaders, as well as our outstanding employees.

Sincerely,
Ralph L. Clegg, EHS, MPA
Executive Director
Utah County Health Department



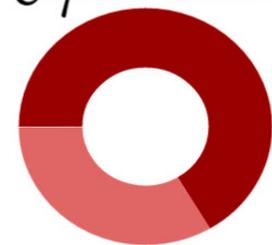
Ralph Clegg
Executive Director

2015 Budget

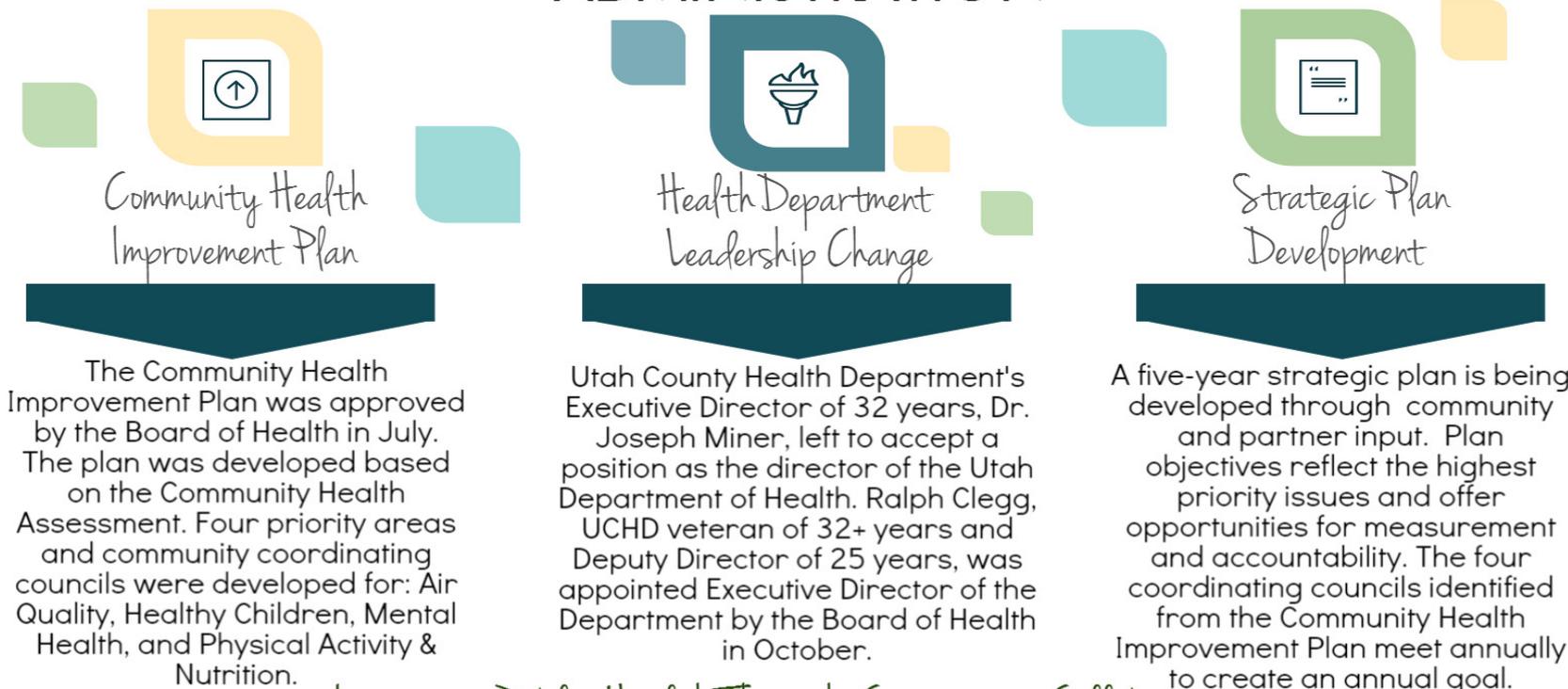
Revenues



Expenditures



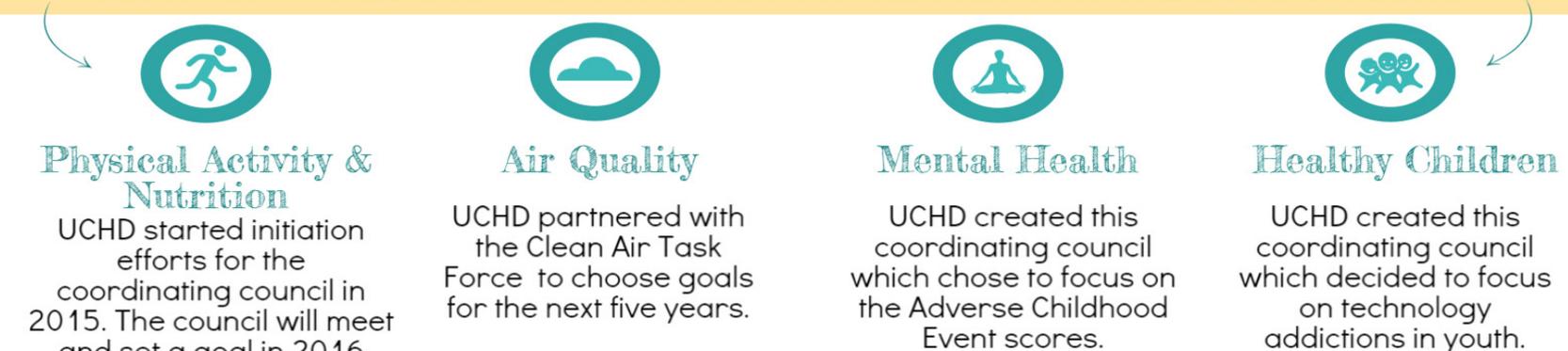
ADMINISTRATION



Improving Public Health Through Community Collaboration



HIGH PRIORITY ISSUES BEING ADDRESSED THROUGH COMMUNITY COORDINATING COUNCILS

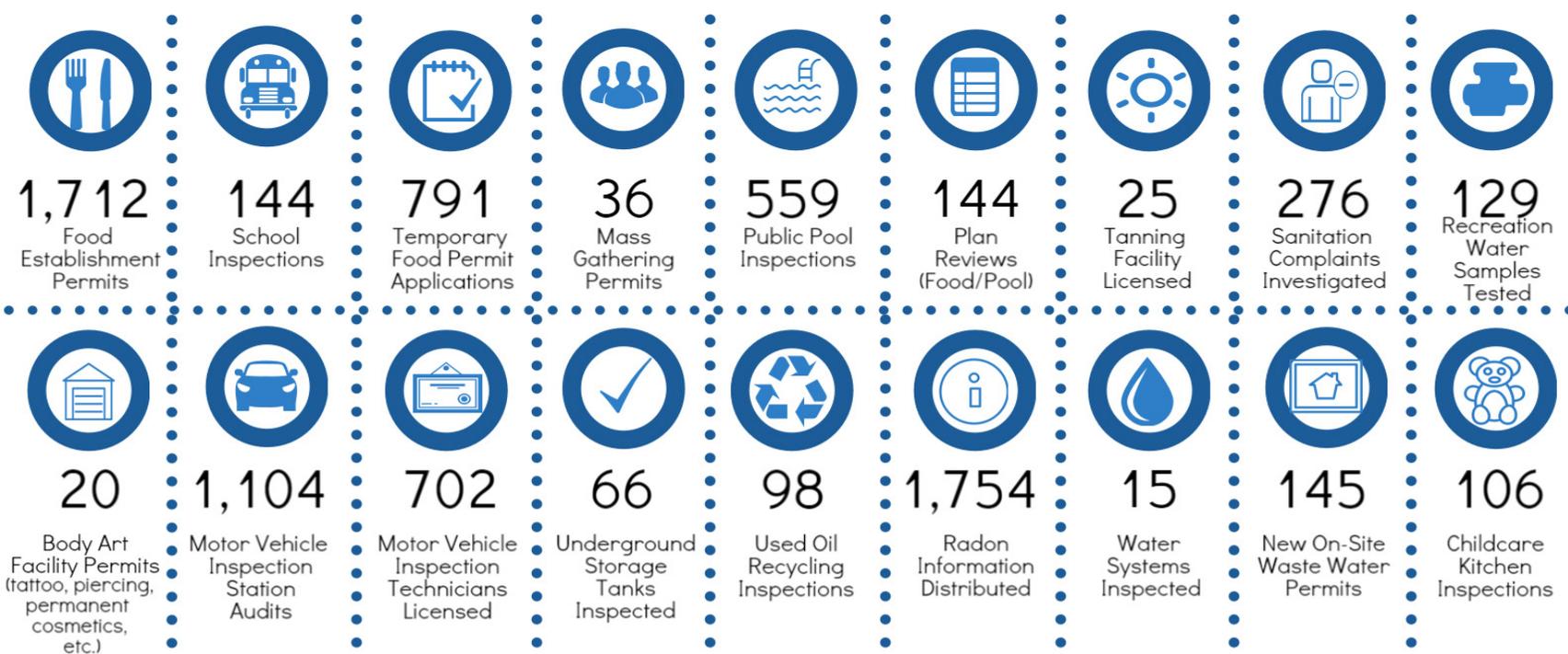
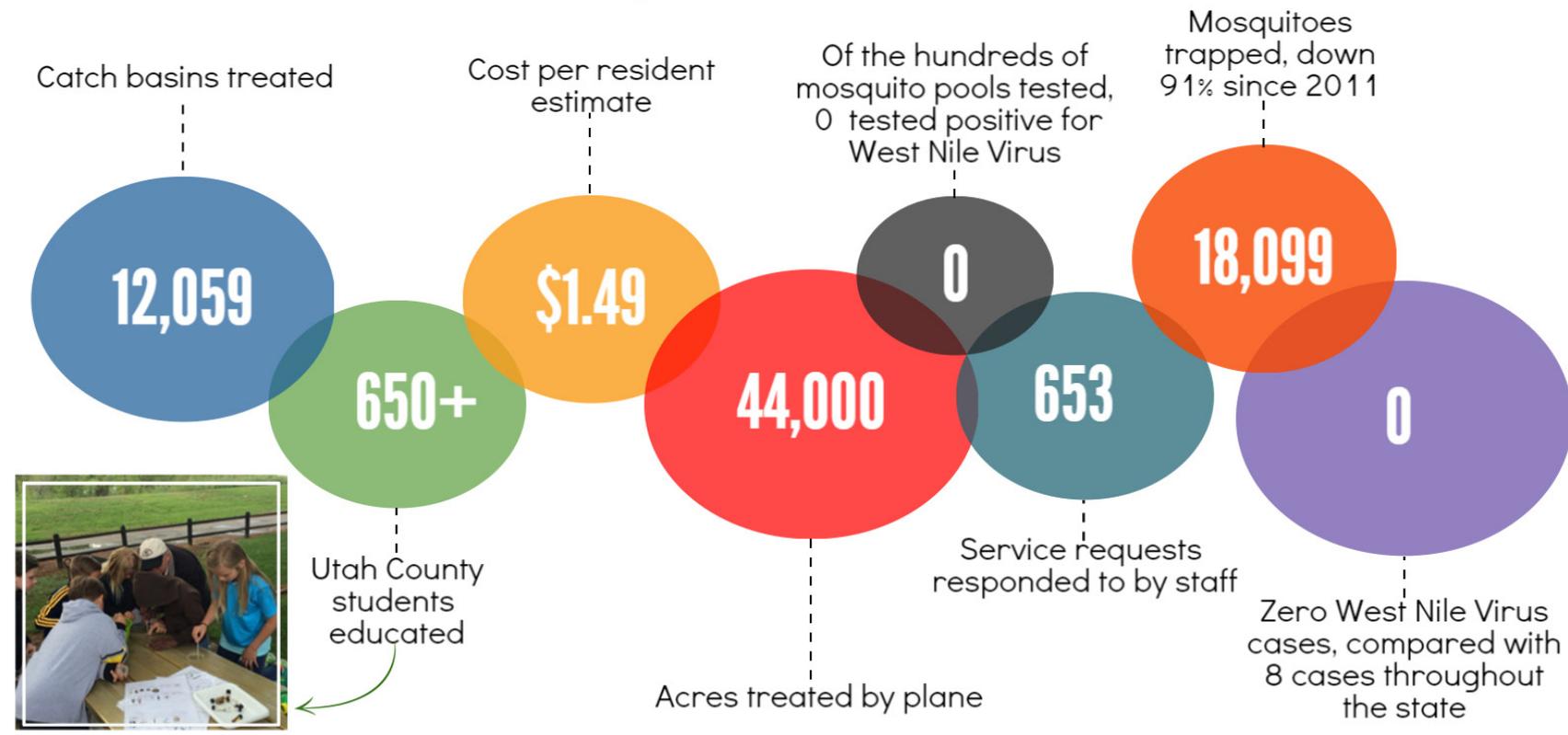


BOARD OF HEALTH

- Clyde Nielson, RPh, Chair
- Teresa Tavares, Vice-Chair
- Henry M. Yeates, MD
- Dianne C. Carr, RD, CD
- Gaye L. Ray, RN, FNP-C
- Jeff Acerson, Lindon Mayor
- Superintendent Keith C. Rittel
- Commissioner Larry Ellertson
- Diane Lohner

MOSQUITO ABATEMENT

ENVIRONMENTAL HEALTH



SENIOR VOLUNTEERS

Senior volunteers provide **\$1,998,693.53** in contribution to Utah County

Foster Grandparents

71 foster grandparents volunteered **48,547** hours, assisting **1190** children. Foster Grandparents program celebrated its **50th** anniversary!

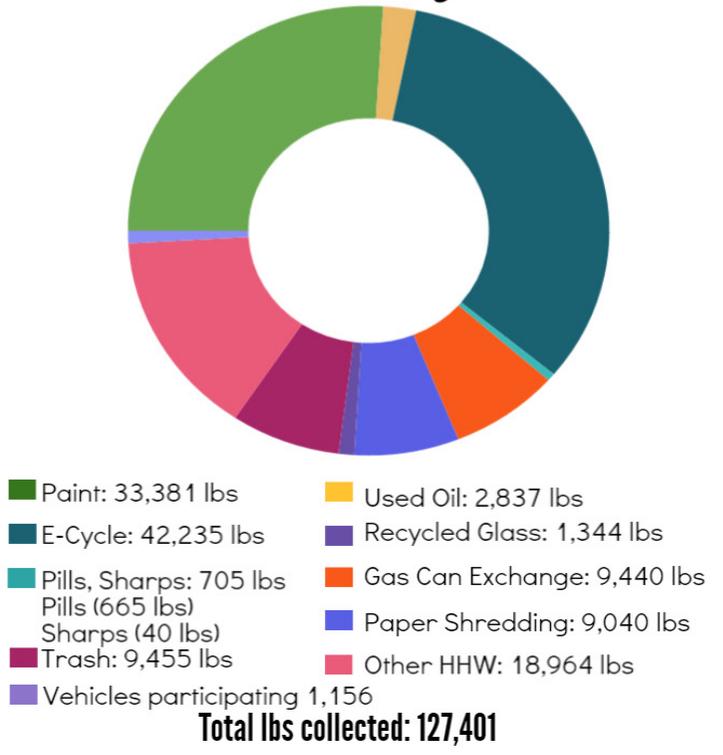
Oldest and longest serving volunteer, Marie Hansen is **92** and has served for **22** years!

Senior Companions

47 senior companions volunteered **38,063** hours, to **332** frail elderly residents.

Most volunteers report significant increases in sense of well-being and purpose of life!

Household Hazardous Waste Collection Day Event



Food Establishment Inspections

3,028

Vehicle Emissions Tests

268,562

19,000+ Food Handler's Permits Issued

HEALTH PROMOTION

VITAL RECORDS

Injury Prevention

Child Passenger Safety
36 car seat classes
205 car seats distributed
274 car seat checks parents educated
611 parents educated

Fall Prevention
59 older adults educated in **7** workshops

Hispanic Highway Safety
 Estimated reach of **5,400+**

Concussion Prevention
1 Instagram campaign contest



Winning submission - Pleasant Grove High School Vikings

Suicide Prevention
75 educated through training

Poison Prevention
801 elementary school children educated

Utah County Safe Kids
18 activities
2500+ educated during 3 day event

Impaired Driving
 Educated **1500+** students at mock car crash

Tobacco Prevention & Control

Presentations
587 educated

Health Fairs
800 educated

Retailer Education
188 educated

END Classes (End Nicotine Dependence)
27 classes educated **789** youth

Policy
3 cities add e-cigs to their parks codes

Baby Steps
 Helped **41** pregnant women quit smoking

E-Cigarettes
 Collected **2,468** knowledge surveys

Retail Compliance
752 compliance checks done with youth

Other Events
 "Kick Butts Day" Kickball Tournament

OUTRAGE! youth visit capitol to speak with legislators

"other" outreach **5,874**



Chronic Disease Prevention

Living Well Workshops
7 workshops educated **70** participants

Diabetes Workshops
43 participants educated in **4** workshops

Chronic Conditions Workshops
3 workshops educated **27** participants

Top Star Program
9 new daycare centers endorsed

★★★★ **2**
 ★★★ **4**
 ★ **3**

Health Presentations
Diabetes **36** educated
Blood Pressure **16** educated
Cholesterol **29** educated

STUDENT INTERNS
 contributed hours = **4,500+**
\$102,675 or
 = **2** full time employees

Worksite Wellness

Well 4 Life
94% Utah County staff participation
Annual Employee 5K
211 participated

Brown Bags
9 hosted
221 participated

Employee Workshops
2 hosted
47 participated

Health Screening
69 participated

Summer Slim Down Challenge
168 participated

"Balance it All" Challenge
49 participated

Parent Quotes

"Wow! I had no idea what happened to my son's lungs when he is coughing."
 "He is so much better now!"
 "He ran home...I didn't think he would ever be able to do anything like that."

Public Information & Communication
200+ social media messages
 had a reach of **68,500+** (Aug - Dec)

Environmental

Health Fairs
1500+ educated

Radon Education
882 students educated

Presentations
100+ colleagues and university students educated

Asthma Workshops
2 workshops **8** students educated

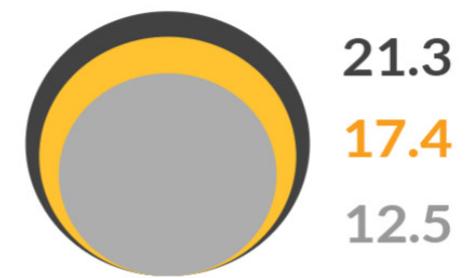
Air Quality Flag Program
135+ organizations participating

Asthma Home Visit Program **NEW**
4 families enrolled
12 home visits

BIRTH

Birth Certificates **17,673**

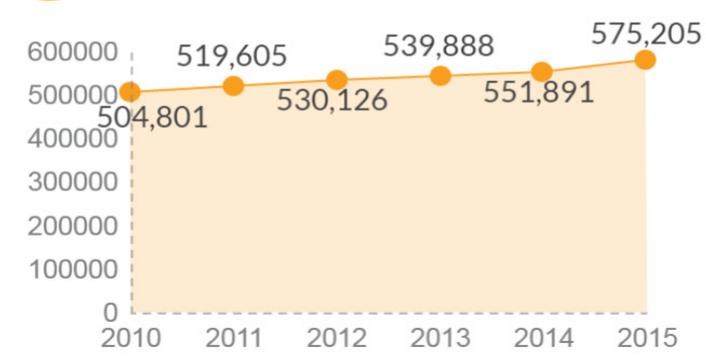
Birth Rate Per 1,000 population



Birth Location

	2013	2014	2015
Facility	10,999	11,913	11,644
Home	223	269	262
TOTAL	11,222	12,181	11,906

Population



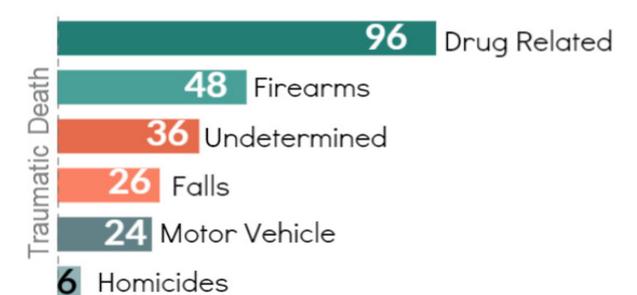
DEATH

Death Certificates **2,794**

Leading Causes of Death

Parkinson's Disease	31
Birth Complications/Defects	48
Pneumonia/Influenza	51
Alzheimer's Disease	67
Diabetes/Mellitus	69
Kidney Disease	72
Chronic Lung Disease	74
Suicide	78
Strokes	136
Unintentional Injuries	152
Cancers	382
Heart Disease	494

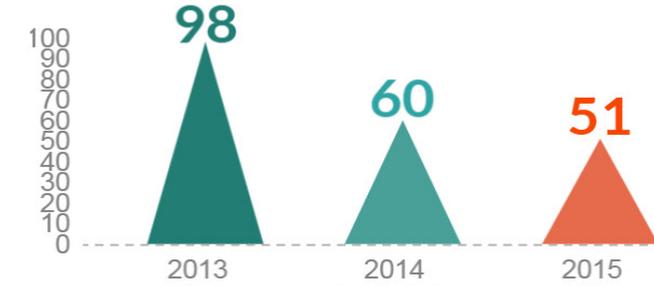
Traumatic Death



Infant Mortality Rate Per 1,000 live births

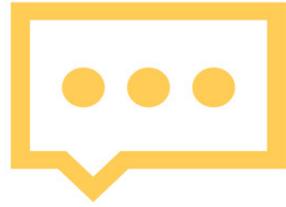
Utah County = **4.6** Utah = **4.9** U.S. = **6.0**

Fetal Deaths (20 weeks or more gestation)



Information gathered from UCHD Vital Records, the Utah Indicator-Based Information System for Public Health, the Utah Governor's Office and the United State Census Bureau.

WOMEN, INFANTS & CHILDREN (WIC)



New Food Package

Added potatoes, yogurt and a higher dollar amount for fresh fruits and vegetables

Text Reminders

New reminder system allows appointment reminders to be sent via text message

Breastfeeding Rest Stop

31 mothers and babies used the new breastfeeding "rest stop" at the Utah County Fair

Parent Education

8,188 parents educated
Classes:
~Happiest Baby on the Block
~Infant Massage
~Baby Wearing
~Breastfeeding



Milk Bank

14,867 ounces of breast milk donated

Clients Served

Average number of clients served per month = 11,540
2015 Total = 138,480

Client Satisfaction

98% of clients are happy with the WIC program and services

Certified Staff

7 Lactation consultants
24 Lactation educators
11 Registered dietitians

709 breast pumps

provided to clients



WIC Lactation Coordinator,

Amanda Ottley

honored with Public Health Hero Award

FAMILY/PERSONAL HEALTH SERVICES

Home Visit Programs

Home Visit Programs



Nurse Family Partnership (NFP) program launched in Utah County in August. Women pregnant with their first child are partnered with a nurse through the baby's 2nd birthday.

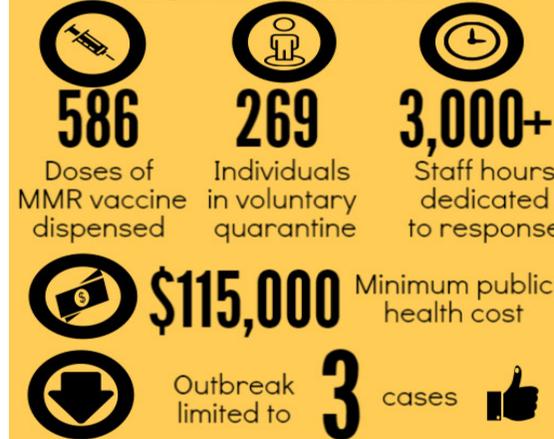


Nurse Family Partnership staff and 1st client at Ribbon Cutting Event

10 NFP babies born (Aug 1 - Dec 31)



MEASLES RESPONSE



Reportable Infectious Diseases

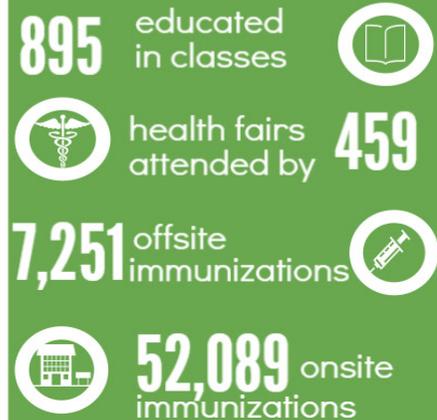
Diseases and 2015 cases totals

Amebiasis	2	Hepatitis B	58	Pertussis	88
Campylobacter	69	Hepatitis B - perinatal	16	Salmonella	92
Chlamydia	1025	HIV (new cases) -	12	Shigella	5
Cryptosporidium	23	Influenza - activity	505	Syphilis	13
E. coli	26	Influenza - hospitalized	162	Tuberculosis - active	2
Giardia	32	Lyme	8	Tularemia	1
Gonorrhea	139	Measles	3	Varicella (chicken pox)	41
Hepatitis A	2	Legionellosis	2	West Nile Virus	0

Communicable disease staff track and investigate 79 reportable conditions

Immunization and Wellness Clinics

Cholesterol Screenings	1,293	Lead Screenings	7
Family Planning Visits	383	Malaria Prescriptions	533
Fluoride Prescriptions	262	Pregnancy Tests	343
General Health Exams	399	Sexually Transmitted Disease Screening	907
HIV Screenings	407	Skin Cancer Screening	352
HIV Screening (Travel)	8	Tuberculosis clients on preventative medication	59
Immigration Exams	762	Tuberculosis Skin Tests	5,429
Laboratory Tests	6,305	Women's Cancer Screening	1,908



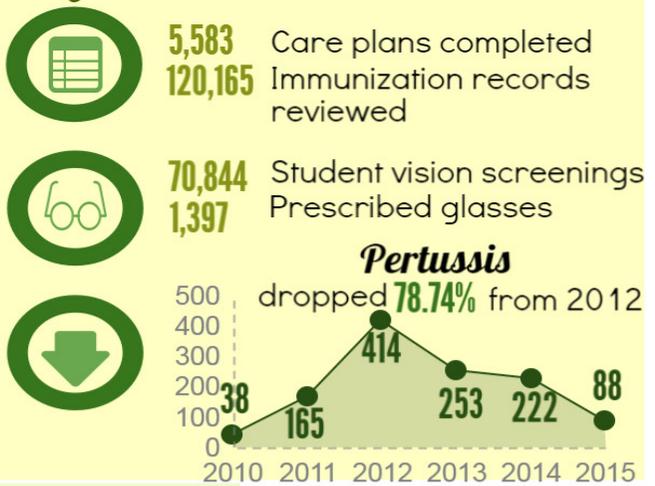
27 School Nurses served F.T.E.

124,185 students

in **145** schools

School Nursing

- 40** School vaccine clinics
- 22** School flu clinics
- Student to nurse ratio:
 - Alpine school district **1:6,276**
 - Nebo school district **1:4,725**
 - Provo school district **1:9,704**
- Track and assist students with:
 - Diabetes **477** Asthma **2,355**
 - Seizures **538** Severe Allergies **1,841**
 - Other **1,970**



Immunization Records as of the First Day of School, by District*

	ALPINE		NEBO		PROVO	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	2154 / 93%	258 / 4%	2,154 / 93%	109 / 5%	1,086 / 94%	40 / 3%
2nd Dose of Measles (MMR)	72,579 / 99.8%	3,189 / 4%	27,156 / 87%	1,300 / 4%	14,261 / 99%	579 / 4%
7th Grade Entry Boosters	4,997 / 89%	332 / 6%	2,048 / 85%	133 / 5%	966 / 95%	49 / 5%

*At the end of the school year, 99.8% of all students are compliant with immunization requirements.

Utah county student immunization exemption rate

4.89%

Emergency Response Planning

Exercises

- 9** Preparedness & response exercises
- BYU Stadium evacuation
- Orem City communication
- Active shooter full scale
- Mass fatality
- First night bioterrorism
- Chempack
- Guardian rescue
- Provo airport full scale
- Environmental Health equipment deployment

Coalition

- 1** 2 day FEMA training
- 4** Training meetings
- 14** Members
- 1** Hospital disaster task force;
- 6** Coordination meetings

Medical Reserve Corps

- Guardian rescue exercise
- Great Utah Shake Out
- MRC Workshop
- Orem City Summerfest
- MRC Summit
- MRC training meeting
- 6** Activities
- 80** Participants
- 222** Hours contributed
- \$6,327.57** Economic value of contribution



FRIENDS OF PUBLIC HEALTH

Since 1995, when the first full week of April was declared National Public Health Week (NPHW), communities across the United States have observed NPHW as a time to highlight issues important to improving the health of the public.

As part of NPHW, Utah County Health Department and the Board of Health traditionally honor one individual and one organization for their efforts and dedication to the health and welfare of the citizens of Utah County. 2015 honorees are Dr. Douglas Hacking and the Provo Towne Centre Mall.



Dr. Douglas Hacking



Provo Towne Centre Mall

- Dr. Douglas Hacking has been a highly esteemed pediatrician practicing in Utah County for over 40 years. His early patients are now the grandparents of some of his newest patients. His colleagues report that throughout these many years Dr. Hacking has always enjoyed being a life-long learner studying journals and research articles to stay informed of the latest advancements in patient care. Colleagues report he is one of the most knowledgeable doctors they know - a great teacher and model pediatrician for all. Among other contributions to public health care, he served many years on hospital infection prevention committees. Dr. Hacking's experience and knowledge has served residents of Utah County and the State of Utah extremely well.

- On Saturday January 3rd, 2015 before there was any news of measles cases from Disneyland, Dr. Hacking called the Health Department emergency line to report two cases of measles in his office. Because of his astute clinical skills and knowledge he was able to alert public health authorities so promptly that the same afternoon the measles cases were isolated, interviews with close contacts had begun and those susceptible were quarantined. It was not until a few days later that news from the Disneyland outbreak occurred. A total of 178 measles cases were linked to the Disneyland exposure. With Dr. Hacking's timely notification, Utah's measles cases were limited to 3.

- Dr. Hacking was also instrumental in alerting public health of an unusually high number of diarrhea cases in his clinic. This was the beginning of the cryptosporidium epidemic spread from many Utah County swimming pools that year.

- For this outstanding contribution to the health of citizens of Utah County and throughout the State of Utah, the Utah County Health Department and the Utah County Board of Health honor Dr. Douglas Hacking with our 2015 Friend of Public Health Award and the Utah Department of Health's Astute Clinician Award.

- Utah County Health Department and the Utah County Board of Health recognize the Provo Towne Centre Mall for their dedicated service to the health of Utah County residents. Under the management of Scott Hansen and his assistant, Heidi Hultquist, the Provo Towne Centre Mall has very generously donated the use of their parking lots and common areas of the mall to support important public health activities.

- 2015 was the fourth consecutive year that they have donated their location for the annual Household Hazardous Waste Collection event which has become extremely successful and very popular. Many conscientious individuals know that it is better for our environment not to put oil, paint, solvent and pesticide products and antifreeze in with their household garbage to be buried in landfills. The public has shown their great appreciation by taking advantage of this collection day opportunity to safely dispose of these waste products which have collected in their garages and storage sheds. Over 120,000 pounds of household hazardous waste were collected at the 2015 event, in which 1,156 vehicles participated.

- North and South County Solid Waste Districts are co-sponsors of and fund the event. BYU, UVU and Provo College students and faculty in protective clothing donate their time and energy to receive and sort the waste. Health Department staff organize logistics of the event.

- The Provo Towne Centre Mall has also donated free space for several other public health education efforts such as the Immunization Coalition's Iron Lung display and youth tobacco prevention events.

- In recognition of the ongoing generosity of the Provo Towne Centre Mall collaborating with very important public health events we honor them with our Friend of Public Health Award for 2015.

CONTACT US



Administration

Health and Justice Building
151 S University Avenue, Provo UT, 84601
801-851-7012



Emergency Response

801-851-7069



Environmental Health

801-851-7525



Senior Volunteers

801-851-7767



Public Information/ Media Relations

385-204-4627



Vital Records

801-851-7007



Air Quality

3255 North Main Street
Spanish Fork, UT, 84660
801-851-7600



Family & Personal Health Services

801-851-7024



Health Promotion

801-851-7095



Mosquito Abatement

476 West 3000 North
Spanish Fork, UT, 84660
801-851-7637



North County Building

599 S 500 E, American Fork, UT 84003
801-851-7333



WIC

Provo Clinic/Administration:
151 S University Ave
Suite 2100, Provo, UT, 84601
North County Clinic: 599 S 500 E
American Fork, UT 84003
Orem Clinic: 816 N 980 W, Orem, UT, 84057
South County Clinic: 910 E 100 N Suite 125
Payson, UT 84651
Appointments: 801-851-7300

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