



utah county health department

"creating healthy communities"

Annual Report 2011



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From the Executive Director and Board of Health

Dear Utah County Residents and Community Leaders,

Utah County continued in 2011 to have a very healthy population. Collaboration with you and our many other partners throughout the County help us assure conditions in which everyone has the opportunity to be healthy.

A number of issues stood out this past year. Last summer we entered into an agreement with Coast 2 Coast to provide an improved discount prescription drug card which can be used to purchase prescription medications without health insurance at an average discount of 66% off of retail costs. This card is available to all and can be obtained at pharmacies or can be downloaded from their website at www.coast2coastrx.com.

Although we continue to collaborate closely with them, our Division of Drug and Alcohol Prevention and Treatment became a separate County Department.

Since Whooping Cough (Pertussis) cases increased four-fold over 2010 we participated with partners in a campaign to make sure susceptible pregnant women are immunized with the Tdap vaccine in the latter part of their pregnancy. We also promoted immunizations of the expectant fathers and other close relatives who otherwise could expose these newborn babies to this deadly disease before they are old enough to be immunized. Although the number of Chlamydia infections continued to rise significantly our rate is still the third lowest among Utah's 12 local health departments.

Our Public Health Emergency Preparedness staff participated with local hospitals in a simulated 7.9 magnitude earthquake preparedness exercise which included the evacuation of a local hospital. We partnered with the U.S. Postal Services in a bio-terrorism preparedness exercise and later hosted a 3-day pandemic flu preparedness training taught by the federal Center for Domestic Preparedness.

We upgraded rather than replaced the motor vehicle pollution testing equipment used by private stations. This saves the station owners money and in turn should keep the cost of auto emissions testing down. We also developed asthma education materials in both English and Spanish to help people prevent and self-manage asthma. Injury Prevention staff implemented a successful pilot Falls Prevention Program for seniors. Participants in the program had an 84% exercise rate and 78% were falling less.

The Women's and Children's Nutrition Division implemented a new web-based electronic records management system which has made our customer service and reporting more efficient.

Since the public is becoming more and more dependent upon social media for communication and information, our public information staff are continuously upgrading and adding to our website at www.UtahCountyHealth.org as well as to Facebook at www.facebook.com/uhealth and Twitter at www.twitter.com/uchd.

We appreciate the support of our County Commission, other community leaders, our outstanding employees, and involved citizens.

Sincerely,
Joseph K. Miner, M.D., M.S.P.H., Executive Director

Utah County Board of Health

Erin D. Maughan, R.N., Ph.D., Chair

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Friends of Public Health

As part of National Public Health Week 2011, the Utah County Health Department and Board of Health honor and recognized Allen's Super Save Markets Pharmacy and the Merrill Gappmeyer Family Medicine Residency Training Program, with our "Friend of Public Health Award" for their dedicated service to our citizens.

For the past 17 years, the **Allen's Super Save Pharmacy** on 300 South in Provo has provided pharmacist dispensing services for the UCHD medication prescribed to clients seen in the Tuberculosis and STD clinics. The original agreement in 1994 was for the pharmacy to be reimbursed a \$3.00 dispensing fee for each prescription. Now 17 years later, the dispensing fee is still \$3.00.

Frank Cope was the pharmacist for most of these 17 years and he has always been very helpful and kind to our staff and our patients. Occasionally, some of our TB medication needs to be changed to liquid form for children. Frank and the other pharmacists have always been very willing to do the extra work of mixing up the liquid medication.

Allen's Super Save Markets Pharmacy in Provo and Allen's Markets **owner Steven Allen** have always been so generous in their support of our public health staff and to our clients.



The **Merrill Gappmeyer Family Medicine Residency** training program for physicians at Intermountain Healthcare's Utah Valley

Regional Medical Center was established in 1996. Since then almost 80 Family Medicine physicians have completed their training. A majority of these physicians have stayed in or near Utah County and are providing excellent primary medical care to families.

During these years of training, the Family Medicine residents rotate through different public health clinics and provide their excellent medical expertise to our clients and staff at these clinics. Each week they provide medical care in our sexually transmitted disease clinic, in the volunteer care clinic, and several times a year they staff our special skin cancer screening clinics.

Every October, the Residency sponsors a free community breast cancer screening clinic at their facility. They also work with our school nurses in providing migrant health worker screenings in each of our school districts.

The Residency serves as a medical home for many low income and uninsured families and we are fortunate to have this resource for people in this situation. The Residency program has collaborated with us on communicable disease surveillance and investigation. These young physicians learn to appreciate the importance of reporting to us those communicable diseases they will see in their future medical practices.



Health Department Funding

Total Budget for 2011 was \$15,157,670 (down from \$15,632,509 in 2010), not including Senior Services or \$7,500,000 in non-cash WIC Food Vouchers.

Revenue Sources

Contracts/grants	\$4,747,564	31.2%
Fees	6,203,345	40.9%
Taxes	2,640,000	17.4%
Fund balances interest/other	1,586,761	10.5%

Expenditures

Personnel costs	\$10,564,127	69.7%
Operating costs	4,465,700	29.5%
Capital costs	127,843	0.8%

Senior Services Funding

Total Budget for 2011 was \$779,749 (up from \$760,888 in 2011).

Revenue Sources

Contracts/grants	\$552,514	70.9%
Fees	0	0.0%
Taxes	96,188	12.3%
Fund Balances interest/other	131,047	16.8%

Expenditures

Personnel Costs	253,041	32.5%
Operating Costs	526,708	67.5%

Vital Records

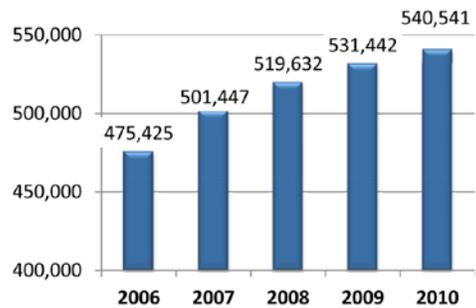
The Utah County Health Department Office of Vital Records is responsible for the registration of all births and deaths occurring in the county.

Birth Certificate Fees are set by the State Legislature and included \$69,663.00 from Utah County which went to the Children's Trust Fund to fund a comprehensive statewide Child Abuse Prevention Plan. In 2011, initial birth certificates for 21,861 individuals were issued in Utah County.

Death certificates are also monitored for injuries and communicable diseases which may require investigation by the Health Department. In 2011 total initial death certificates issued were 2,505.

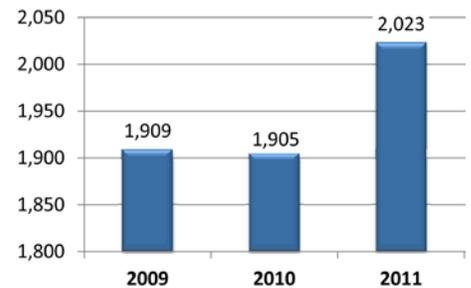
In 2011 we completed electronic scanning of all Utah County birth and death records. This new filing system makes it easier and faster to access these records for our clients. Now the responsibility will be to keep the affidavits scanned and updated as they occur.

Population

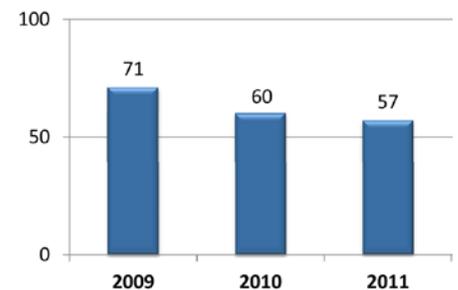


from the Governor's Office of Planning & Budget

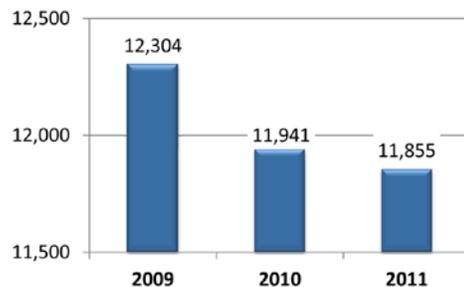
Number of Deaths



Number of Fetal Deaths



Number of Total Births

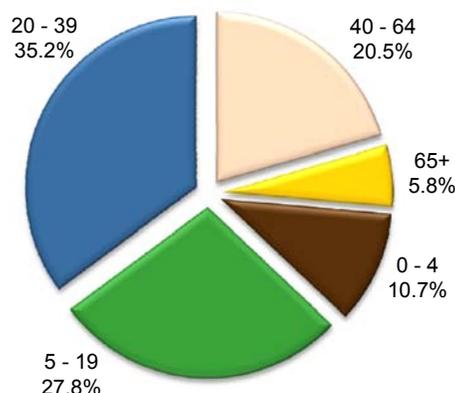


Type of Birth	2009	2010	2011
Home	169	201	225
Facility	12,135	11,740	11,630

Leading Causes of Death

Diseases of the Heart	387
Cancers	349
Unintentional Injuries	149
Cerebrovascular Disease (stroke)	96
Diabetes Mellitus	72
Chronic Lung Disease	60
Kidney Disease	45
Suicide	45
Pneumonia/Influenza	44
Alzheimer's Disease	33
Birth Complications/Defects	27
Parkinson's Disease	27
Certain conditions originating in the Perinatal Period	20

Population by Age Category



Traumatic Death

	2008	2009	2010
Poisoning*	58	82	54
Firearms	28	32	30
Falls	18	23	27
Motor Vehicle	42	23	32
Suffocation	19	17	20
Undetermined	38	41	37
Homicides	5	8	5

* Including drug related. Over half of all suicides involve drugs and/or alcohol.

Vital Records Goal:

To open, equip and staff a Vital Records office in American Fork. This will provide much needed service to Northern Utah County residents and mortuaries.

Health Promotion

The Division of Health Promotion is dedicated to empowering communities and individuals to live active and healthy lives through promoting, maintaining and improving healthy behavior. We provide classes, workshops and technical training in the areas of cardiovascular disease prevention, injury prevention, and tobacco cessation and control. We also provide educational materials and interactive displays that can be used for health fairs, health observances and community events.

Utah County tobacco prevention and control staff reached over 39,000 residents with messages about the harmfulness of tobacco, new flavored tobacco products, and free resources available to the public. Tobacco enforcement and education efforts with tobacco retailers resulted in a 95% success rate in preventing illegal tobacco sales to youth, one of the lowest rates in Utah.

Gold Medal Schools celebrated its 10 year anniversary in Utah County this year, with four schools completing at the Platinum level and four more at the Gold level.

Safe Kids Utah County moved from chapter status to a full coalition, due largely to UCHD staff efforts. Safe Kids Utah County worked to educate parks and recreation directors, coaches, parents and athletes about the new law (House Bill 204) regarding protecting athletes with head injuries. Three Concussion Awareness clinics educated 863 BYU Sports Camps attendees on recognizing symptoms of a concussion and how to prevent second impact syndrome.

Child Passenger Safety efforts resulted in: 27 car seat classes held, we educated 636 people, checked 369 car seats, and placed 134 car seats with low income families.

The Asthma program developed new educational materials in English and Spanish to educate Utah County residents about asthma prevention and self management. These materials are now being utilized in other health districts throughout the State.



Stepping On is a free falls prevention class designed to help build confidence and reduce the number of falls among those 65 and older. The UCHD held five classes, and staff trained 18 new leaders (half private companies, half health departments) to implement the successful fall prevention program throughout the state. Following the class, 78 percent of participants felt they were falling less.

Health Promotion Goal:

- To increase public participation in chronic disease and injury prevention classes
- To advocate against the introduction of flavored tobacco products in our communities

Emergency Response Planning

The Utah County Health Department would be a major partner if a disaster such as an earthquake or bio-terrorist attack were to take place in Utah. The Emergency Response Planning Team works with other emergency response organizations for such planning as all hazards preparation, surge medical response, volunteer management, and epidemiological surveillance.

Last year's partners from around the county were involved in a simulated 7.9 magnitude earthquake drill that not only caused widespread damage, but also forced the evacuation of a local area hospital. We also simulated our response to a terrorist anthrax attack, and how we would treat potential victims with preventive antibiotics. While often not considered a "first responder," the goal of the UCHD Emergency Response Team is to be ready should support services be required.

To that end, the UCHD will be heavily involved in the 2012 Utah Shake Out, the largest earthquake drill ever planned in the U.S.

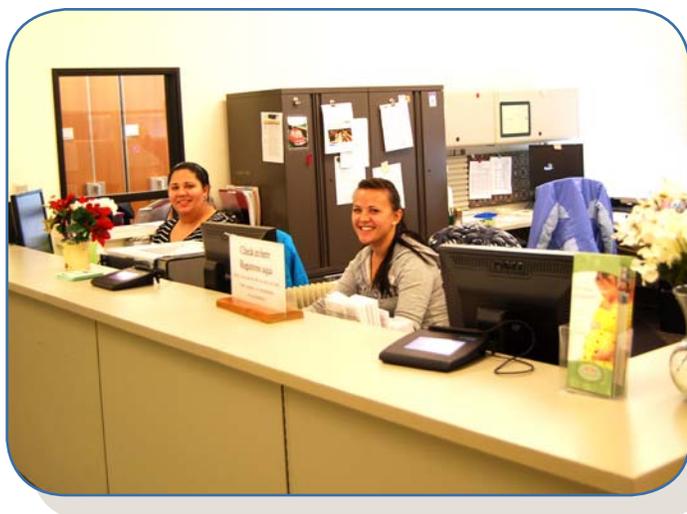


Women, Infants, and Children (WIC) Nutrition

The dominant activity in 2011 was the implementation of a robust new software program (VISION) that would allow us to go paperless. Intensive regression testing was followed by program fixes. Two pilot sites tested the system and new issues were identified and corrected. New equipment was installed, the program was downloaded and data transferred from the old system while the clinics were closed and agency staff were all trained. By the end of August, Utah County was fully implemented.

Clients Receiving WIC Benefits

	2008	2009	2010	2011
Pregnant	1,352	1,610	1,680	1,263
Breast feeding Women	1,559	1,635	1,589	1,545
Non-BF Women	719	637	613	697
Breast fed Infants	1,518	1,898	1,654	1,444
Non-BF Infants	1,576	1,510	1,604	1,531
Children	6,589	7,222	7,313	7,571
Total	13,313	14,512	14,453	14,051



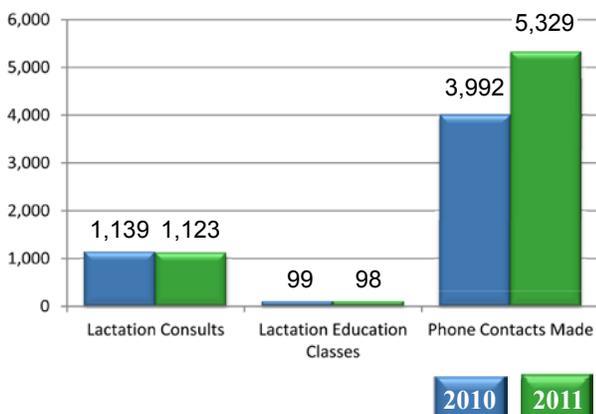
The Provo Clinic was remodeled in 2011 to improve communication, work flow, and efficiency for our clients.



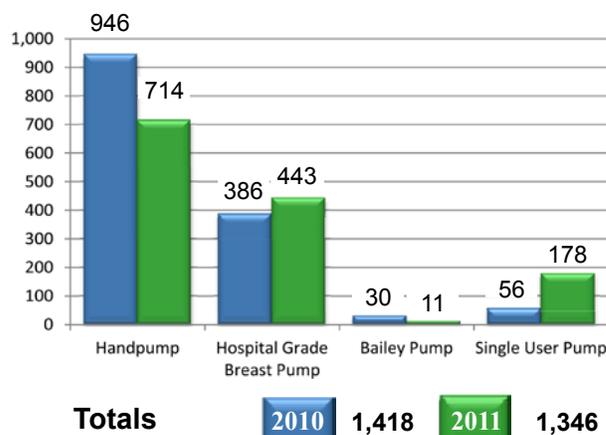
Lactation (Breast Feeding) Services

A significant increase in lactation services funding allowed us to greatly expand Lactation Support Specialists, increase the number of electric breast pumps for loan, and purchase single user pumps.

WIC Lactation Services



Breast Pumps Loaned and/or Given Out



Online Classes

Utah County WIC offers sixteen online Nutrition Education classes accessible to anyone with the internet. Some clients prefer the online classes to complete the nutrition education requirement rather than attending a class in the clinic on the day of their education appointment. The total number of classes completed was 4,715, a 7.8 percent increase from 2010.

WIC offered numerous “hands on” parenting classes in addition to breastfeeding. “Infant Massage” (pictured) taught parents to interact and soothe their infants through massage therapy. “Happiest Baby on the Block” is designed to teach foolproof methods to soothe fussy babies. “Baby Wearing” talked about baby carriers and wraps; the “how to’s”, benefits and safety tips. Individuals do not need to be WIC clients to participate.

Title	Number Attended
Asthma, You, and Your Family: What You Need to Know	322
Caffeine and Herbal Supplements	268
Eating Habits: Your Growing Preschooler	480
Eating Habits: Your Growing Toddler	815
El Asthma, Usted y Su Familia: Que Necesita Saber	97
Exercise and Breastfeeding	369
Exercise During Pregnancy	171
Folic Acid	74
Fruits and Vegetables	668
Healthy Weight Gain During Pregnancy	178
Nutrition and Breastfeeding	317
Nutrition During Pregnancy	136
Preschooler Feeding Concerns: Problem-Solving Ideas	279
Smoking, Drugs, and Alcohol During Breastfeeding	69
Toddler Feeding Concerns; Problem-Solving Ideas	472
Total Number of Classes Attended	4,715



Fit WIC

Fit WIC is a program designed to reduce the prevalence of Utah County WIC children whose Body Mass Index (BMI), classifies them as at risk of becoming overweight (Nutritional Risk Factor 114) or as overweight (NRF 113). Counseling, personal goal setting, and individual follow up are provided. In 2011, all clinics showed a decrease in child risk factors 113 and 114.

Clinic	Overweight Risk Decrease	Overweight Decrease
Provo	↓ 70%	↓ 56%
Payson	↓ 55%	↓ 55%
Orem	↓ 69%	↓ 72%
American Fork	↓ 74%	↓ 66%

WIC Goal:

- * Improve WIC leadership by enrolling all WIC Clinic Directors in a national leadership course.
- * Continue to expand the Fit WIC project to reduce overweight and obesity in WIC children.
- * Implement virtual peer counseling program to improve access to our Lactation Support team.

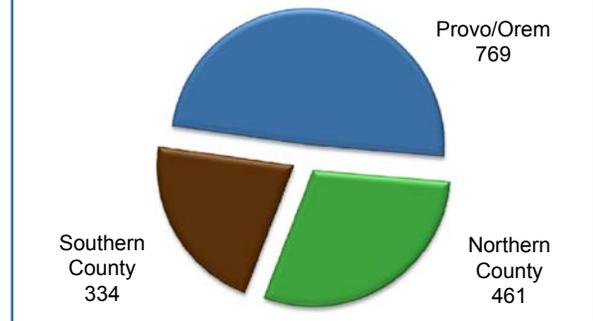
Environmental Health

The Bureau of Environmental Health Services is responsible for the enforcement of rules governing things such as on-site wastewater systems, food safety, public pools and drinking water. The Division of Environmental Health performs a variety of facility inspections and responds to citizen complaints. While



other areas have been affected by the economic downturn, the food service industry continues to grow. Approximately 50% of our time is used to run the food service program.

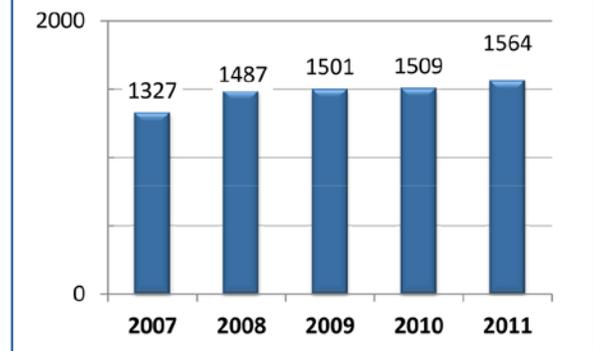
2011 Restaurants by Region



Even with the economic downturn we are experiencing an ownership turnover of approximately 5 establishments a week plus an average of 2 new establishment plan reviews a week. The growth of food establishments has been county-wide, with Orem/Provo growing at the same rate as the northern and southern parts of the county

Number of Environmental Health Permits / Approvals	2008	2009	2010	2011
Food Establishments	1,487	1,501	1,509	1,564
Food Establishments with new owners	259	248	276	256
New Food Establishment Plan Reviews	80	90	96	105
Temporary Food Permits Applications	775	881	776	781
Public Pools Permitted/ Inspected	349	335	352	355
Pool Plan Review	45	8	9	6
Body Art (Tattoo, piercing, permanent cosmetics, etc.) Facilities	33	37	43	25
Tanning Facilities Licensed	74	78	82	37
Motor Vehicle Inspection Stations Inspected	179	182	186	187
Motor Vehicle Inspection Technicians Licensed	555	539	554	625
Sanitation Complaints	390	226	227	270
Water Systems Inspected	10	11	12	10
Septic Tanks Inspected	102	63	75	60
Underground Storage Tanks Permitted/Inspected	81	84	81	74
Used Oil Recycling Centers	74	84	86	84

Number of Active Establishments



The selling of food at special events and celebrations such as Fourth of July, city celebrations and athletic events is quite common. Vendors must first obtain a Temporary Food Permit from UCHD. These temporary food facilities create unique challenges for food safety. Vendors must complete an application which includes a menu and then discuss safe food handling procedures with UCHD prior to issuing a permit. Our office has seen a steady increase in temporary food permits over the last few years. With a switch to a different data entry program we have changed from issuing single event permits to offering a multi-event permit with a single application. This shows a decrease in permits issued -- but an actual increase in temporary booths.

Environmental Health Goal:

Be proactive in the development of year round household hazardous waste collection sites.

Mosquito Abatement

Record mountain snow deposits provided an abundance of spring runoff creating huge numbers of mosquito habitats for Utah County in 2011. Flooding was common in most creeks, Utah Lake reached levels not seen in 20 years, breaching dikes and forcing closure of marinas and flooding much land adjacent to the lake edge.

Larviciding began in mid April but it became evident that there was much more habitat than we could access or had chemical to treat. Surveillance traps indicated that adult mosquitoes were emerging at an alarming rate by the end of June. Increased efforts to control mosquitoes by ULV fogging and aerial spraying were implemented. Over 1500 service requests were responded to. Mosquito numbers continued to build through July finally peaking by the first week in August. Our trapped mosquitoes were ten times the amount seen in 2010. We had to resort to weighing and freezing mosquitoes in containers until there was time to process them. The most noticeable increase was in Culex Pipiens which was 24 percent of our total catch in 2010 but jumped to 52 percent of our catch in 2011 particularly in traps near the lake that had seldom caught this species. Nearly 90 percent of our mosquitoes trapped were of three Culex species which are all potential vectors of West Nile Virus. Trap monitoring showed most other species remained stable or declined in their percentage captured in 2011.

In spite of record numbers of mosquitoes there were no reported cases of West Nile Virus in the county.



Mosquitoes waiting to be sorted and counted.

Number of Human West Nile Virus Cases and Fatalities

Year	USA Total Cases	USA Fatal Cases	Utah Total Cases	Utah Fatal Cases	Utah County Total Cases
1999	62	7			
2000	21	2			
2001	66	10			
2002	4,156	284			
2003	9,862	264	1		
2004	2,539	100	11		1
2005	3,000	119	52	1	16
2006	4,269	177	158	5*	66
2007	3,630	124	70	2	2
2008	1,356	44	26	0	1
2009	720	32	2	0	0
2010	1,021	57	2	0	0
2011	690	43	3	0	0

* There have been only two fatalities in Utah County from West Nile Virus. These were in 2006.

Mosquito Abatement Goals:

- Monitor and control of mosquito populations based on trapping
- Continue with integrated pest management plan of education, water management and surveillance to reduce public health threats and have minimal environmental impact
- Provide rapid response to evaluate and reduce citizen mosquito concerns

Family/Personal Health Services

Clinic / Home Clients	2007	2008	2009	2010	2011
Baby Your Baby Intakes	1,334	1,378	1,513	1,359	1,111
Cholesterol Screenings	340	419	252	211	50
Family Planning	546	587	461	452	591
Fluoride Prescriptions	571	647	401	314	326
General Health Exams	630	637	251	276	298
HIV Screenings	495	563	522	550	346
Immigration Exams	417	459	470	581	503
Immunizations - General	52,427	52,432	43,870	41,387	44,295
Immunizations - Seasonal Flu	17,055	18,181	18,016	15,711	13,343
Immunizations - School Personal Exemptions	1,398	1,379	1,176	1,283	1,045
Lead Screenings			86	7	8
Malaria Prescriptions	365	398	274	360	417
Pregnancy Tests	408	446	288	295	440
Sexually Transmitted Disease Screenings	1,114	1,348	1,261	1,286	1,129
Skin Cancer Screening (mini- grant)		435	535	498	551
Tuberculosis Clients on Preventive Medications	149	142	97	76	80
Tuberculosis Skin Tests	5,399	4,856	4,492	4,447	4,334
Welcome Baby - Home Visits Prenatal	2,904	2,756	2,703	2,558	2,518
Welcome Baby - Medicaid Client Home Visits	996	1,055	907	868	1,241
Welcome Baby - Teen High Risk	524	630	373	388	313
Welcome Baby - Spanish Community	534	442	310	666	764
Women's Cancer Screening - "BeWise Program"	1,713	1,924	1,690	1,870	1,994



The BeWise Program & the Breast & Cervical Cancer Program offer free mammograms to those who qualify:

- Women 40- 64 years old
- Meet income guidelines and family size
- History of last mammogram



The BeWise Program also offers FREE cardiac screenings to women who qualify including:

- Blood pressure test
- Cholesterol test
- Sugar/glucose test
- Body mass index
- Lifestyle coaching
- Treatment referrals
- Health classes



Utah County School Nursing

Students Enrolled	2007	2008	2009	2010	2011
Alpine District	58,740	61,301	64,351	66,044	68,233
Nebo District	26,634	27,592	28,282	28,500	29,724
Provo District	13,416	13,665	13,603	13,376	13,896
Total Utah County Schools	98,790	102,558	106,236	107,920	111,853
School Nurse to Student Ratio					
Alpine District	1 : 5,340	1 : 5,573	1 : 5,850	1 : 6,004	1:6,203
Nebo District	1 : 3,946	1 : 4,088	1 : 4,190	1 : 4,222	1:4,403
Provo District	1 : 3,578	1 : 4,555	1 : 7,773	1 : 7,643	1:7,941

- School nurses -- Utah County Health Department employees -- served 139 schools and 111,853 students in 2011.
 - 4,000 more students were added in 3 school districts. No additional school nurses were hired to cover the increase.
 - 56,910 students received in-school vision screening, with 1,421 receiving glasses/prescriptions.
 - 12,109 students in 7th/8th grade were screened for Scoliosis, with 174 referred to their doctor for follow-up.
 - 108,830 immunization records were reviewed, with 99.6 percent of students in compliance with state requirements.
- Student immunization exemptions were requested by parents for 4.2 percent of students.

Communicable Disease Reporting and Investigation

Disease	2007-2010 Average	2011 Cases	Disease	2007-2010 Average	2011 Cases
Amebiasis	1	2	Meningitis - aseptic and viral	24	5
Campylobacter	57*	86	Meningitis/Neisseria	1	2
Chlamydia	563.3	796	Pertussis	61.5	165
Cryptosporidium	7.7**	7	Salmonella	52.5	53
e Coli 0157	10.8	14	Shigella	7.5	7
Giardia	68.8	56	Syphilis	7	5
Gonorrhea	21.8	22	Tuberculosis - active	4.2	4
Hepatitis A	0	2	Tularemia	1.8	0
Hepatitis B - acute	1	2	Varicella	138.8	70
HIV - new cases	4.8	1	West Nile Virus	1.3	0

* average does not include 2010 Saratoga Springs outbreak

** average does not include 2007 county-wide outbreak

Senior Services

The Senior Companion and Foster Grandparents Program participants volunteered over 101,250 hours to other seniors and high risk infants and children, troubled teens, and young mothers. Volunteers are 55 to 92 years old and donate up to 40 hours per week.

During their annual Martin Luther King Day Service Project, 191 hygiene kits were assembled and donated to the Food and Care Coalition, Community Action, and a local senior center for individuals in need.

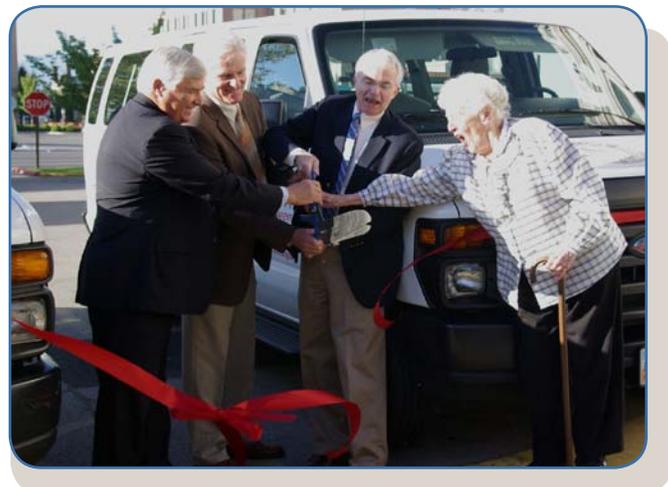
The Senior Services programs also focus on keeping themselves healthy and active, and this year sponsored their own "Walk to the North Pole Campaign." Over 120,000,000 steps were recorded by our volunteers!

During 2011, 64 Senior companions served 414 frail, elderly clients. Services included transportation for 201 clients, companionship visits for 179 clients, and 30 weekly respite visits for caregivers.

Foster Grandparent's 94 volunteers served 64,500 hours in 29 schools, Utah Valley Regional Medical Center, the Lehi Literacy Center, and Utah State Development Center. They provided one-to-one tutoring and mentoring to 946 children with special and exceptional needs.

Senior Goal:

To support the Corporation for National and Community Service's Five Year Strategic Plan priorities, which include providing service as a solution, expanding opportunities to serve, building enduring capacity, and embrace innovation.



Foster Grandparents were able to replace two aging vans this year, thus able to transport 35 volunteers who otherwise would not be able to participate.

Health Indicators

Physical Health	Utah County	Utah	United States
<i>Having good to excellent health</i>	92.2%	88.3%	84.4%
Participated in recommended level of physical activity	65.8%	60.0%	n/a
<i>Had 5 or more servings of fruits and vegetables</i>	24.8%	24.7%	n/a

Chronic Conditions

Percentage of adults over 18 that have been doctor diagnosed with the following conditions

Asthma	10.5%	9.1%	9.0%
Arthritis (2009)	15.7%	21.4%	26.0%
Cardiovascular (Heart) Disease (2009)	n/a	2.4%	3.8%
High Blood Pressure (2009)	19.3%	23.1%	28.7%
High Cholesterol (2009)	17.2%	23.5%	37.5%
Diabetes	4.9%	6.5%	8.7%
Diabetes - pregnancy related	n/a	0.8%	0.8%
Classified Overweight by Body Mass Index (BMI)	36.8%	34.7%	36.2%
Classified Obese by BMI	25.0%	23.0%	27.6%

Access to Health Care

Have health insurance	87.5%	84.1%	85.0%
Reported cost as a barrier to seeking health care	n/a	13.4%	15.0%

Addictive Substance Use

Adults who are current smokers	2000 2005 2010	6.6% 6.8% 5.4%	12.8% 12.5% 8.8%	22.1% 22.4% 17.3%
Teens* who reported having smoked cigarettes		2.6%	7.4%	11.7%
Teens* who reported having used smokeless tobacco		1.0%	2.8%	5.9%
Adults who are heavy drinkers (2+ drinks per day)		n/a	3.1%	4.9%
Adults who reported binge drinking in last 30 days		3.1%	8.7%	14.7%
Teens* who reported they had drank alcohol		4.1%	8.6%	n/a

Health indicators are for 2010 and from Utah's Indicator-Based Information System for Public Health, unless otherwise noted. "n/a" indicates information is not available.

* Teens are 6th, 8th, 10th and 12th graders reported in the 2011 Student Health and Risk Prevention Report.

Preventative Screenings/ Treatment	Utah County	Utah	United States
<i>Clinical breast examine in last 2 years - women over 40</i>	64.4%	67.9%	n/a
Mammogram screening in women over 40 years of age	66.5%	67.0%	75.2%
<i>Papanicolaou test in women over 18 years of age in the last three years</i>	64.7%	73.2%	81.0%
Sigmoidoscopy/colonoscopy in adults over age 50	69.1%	69.9%	64.2%
<i>Men over 40 who have had a PSA prostate test</i>	61.9%	63.2%	53.2%
<i>Adults who visited dentist in the last year</i>	72.7%	72.2%	n/a

Immunizations

<i>Children who have received recommended DTaP, polio, MMR, Hep B, Varicella, and Hib vaccines by 36 months</i>	53.3%	70.6%	74.9%
Seasonal Influenza vaccination in adults over 18	38.5%	43.5%	n/a
<i>Seasonal Influenza vaccination in adults over 65 years of age</i>	65.1%	68.2%	67.4%
Pneumonia vaccination in adults over 65 years of age	67.7%	68.3%	68.6%
<i>Adults who visited dentist in the last year</i>	72.7%	72.2%	n/a

Injury Prevention

<i>Number of emergency department encounters</i>	2003 2008 change	102957 111922 +8.7%	680190 728518 +7.1%	n/a
Percentage of residents that wear their seat belt regularly		90.2%	89.0%	85.0%

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