

2010 Annual Report



**utah county
health department**

"creating healthy communities"



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- WIC - Nutrition
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Foothill Residential Drug Treatment Center

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Mosquito Abatement

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WIC - Nutrition

Provo Clinic / Administration
151 S. University Ave, Suite 2100
Provo, Utah 84601-4427
Phone: 801-851-7300

North County WIC Clinic

599 South 500 East
American Fork, UT 84003-2529
Phone: 801-851-7320

Orem WIC Clinic

816 North 980 West
Orem, UT 84057
Phone: 801-851-7340

South County WIC Clinic

910 East 100 North, Suite 175
Payson, UT 84651-1641
Phone: 801-851-7360

From the Director and Board

Dear Utah County Residents and Community Leaders,

The year 2010 as expected, brought some unexpected concerns. To begin the year, we wrapped up the 2009-2010 H1N1 Pandemic Influenza campaign where we oversaw the distribution and administration of over 125,000 doses of the vaccine to Utah County residents.

In the Spring, our epidemiology and environmental health staff investigated hundreds of cases of campylobacter diarrhea disease in Saratoga Springs City. Working with City public works employees and the Utah Division of Drinking Water, it was determined that the disease outbreak coincided with the City turning on the pressurized irrigation system. This led to the discovery of illegal cross connections between the irrigation system and the drinking water system at dozens of homes. The City temporarily chlorinated the drinking water and implemented strict enforcement measures to prevent future cross connections.

We investigated another outbreak of diarrhea disease associated with the commercial sale of raw, unpasteurized milk. This time the illness was from Salmonella contamination.

To show the public the importance of immunizing our families, not just for ourselves but to protect others' children, we adopted a mandatory employee immunization policy. Employees who work with un-immunized babies are required to have current immunizations against vaccine-preventable diseases that could threaten the lives of these babies. These required vaccines protect against whooping cough, influenza, measles, mumps, rubella and chicken pox.

This past year we adopted an asthma education and prevention plan for Utah County. We adopted a policy to prohibit public indoor smoking of tobacco using hookah or water pipes. And in collaboration with the Utah Division of Water Quality, we began measuring the levels of E. coli bacteria contamination in lakes, reservoirs and ponds used for recreation.

Another interesting outbreak was the investigation of a disease that wasn't. Dozens of individuals from the Lehi area with varied symptoms had been told and were telling others they had Lyme Disease, a reportable bacterial infection common in the eastern U.S. and spread by ticks. These diagnoses had been based on a very nonspecific blood test which produces many false positive results. Although this infection is rare in Utah, we believe it is possible to see it here. After investigating in collaboration with the State Health Department and the U.S. Centers for Disease Control, we were unable to confirm among this group a single case of Lyme Disease that would have been caused from an exposure here in Utah. Some of these affected individuals were accepting of our findings, but many continue to believe Lyme Disease is the reason for their symptoms.

Even though an outbreak of Lyme Disease was not identified by this investigation, it is critical the public contact us whenever they feel there may be a public health problem. We have outstanding employees who are dedicated to serving the public, but we depend very much on the eyes, ears, and voices of the public to help us identify and correct community health problems.

As our population grows rapidly we continue to have an increased demand for services with little or no increases in resources. This coming year we will work towards establishing a more stable funding stream for basic public health services rather than continue to rely too much on our rapidly shrinking Health Fund surplus. We appreciate the support of our County Commission, other community leaders 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	Diane Lohner
Lindon Mayor Jim Dain	Dennis Hess, M.D., Vice Chair
Nebo School Superintendent	Clyde Nielsen, R.Ph.
Vernon Henshaw, Ed.D.	Viola Ramos, M.R.C.
Sandra M. Huff	Utah County Commissioner Doug Witney

Friends of Public Health

As part of National Public Health Week in 2010, the Utah County Health Department and Board of Health honored and recognized the Harley Owners Group and SMART of Utah County with our Friends of Public Health Award for their dedicated service to the citizens of Utah County.



About 10 years ago the **Harley Owners Group** (affectionately known as HOGs) began adopting our senior volunteers for Christmas and came to the Christmas party. The HOGs donated money for gifts, served turkey dinner, and shared hugs and laughter with their senior friends.

In 2004, the HOGs started a tradition of donating money to buy fabric, batting and yarn. Then the Senior Volunteers spend time in an old-fashioned quilting bee making 55 to 60 quilts. The HOGs do a hospital run each year in July to deliver the quilts to the children in local hospitals. To reward the volunteers for their service, the Harley guys and gals bring their beautiful bikes to our summer picnic held each July. They help the Foster Grandparents and Senior Companions onto the backs of the bikes and take them on a ride through the neighborhoods. The photos of the seniors riding on these motorcycles are real keepsakes for them to show their children and grandchildren, and in one case to be used as their Christmas card photo.

SMART, an acronym for Substance Misuse and Abuse Reduction Team, was organized in 2007 and includes key community leaders and grass roots support from community members interested in preventing substance abuse throughout Utah County. Partners on SMART include city and county elected officials chaired by Commissioner Anderson, and community representatives chaired by Dr. Don Fairbanks, M.D. which also includes the juvenile court, Youth Net, PTAs, Intermountain Healthcare's WorkMed and Community Outreach Committees, the Division of Child and Family Services, city police, church leaders, Springville City Coalition, the BYU Public Health Program and Comprehensive Clinics, high school students, physicians and pharmacies.

Utah has a high narcotic pain pill abuse rate and there are an estimated seven million "left-over" narcotic pain pills in Utah County homes. Seventy percent of youth abusing narcotic pain pills say they get them from friends or relatives. SMART and other community partners have organized the "Clean Out the Cabinet Campaign" with the intent to make a significant decrease in prescription drug abuse. SMART in collaboration with other community councils and coalitions have been educating the public to encourage safe use, safe storage, and safe disposal of prescription medication, and especially those which are narcotics or other addicting medications.

They have arranged for permanent drop off boxes at local police departments for unused medication and have also partnered with eight different Walgreens pharmacies and our solid waste districts to offer take-back events.



Health Department Funding

Total Budget for 2010 was \$15,632,509, not including Substance Abuse, Senior Services, or \$7,488,000 in non-cash WIC Food Vouchers.

Revenue Sources

Contracts/grants	\$5,141,984	32.9%
Fees	6,106,430	39.1%
Taxes	2,450,500	15.7%
Fund balances	1,933,595	12.4%
interest/other		

Expenditures

Personnel costs	\$10,804,308	69.1%
Operating costs	4,800,081	30.7%
Capital costs	28,120	0.2%

Substance Abuse Funding

Total Budget for 2010 was \$7,679,345.

Revenue Sources

Contracts/grants	\$5,822,847	75.8%
Fees	771,800	10.1%
Taxes	831,360	10.8%
Fund Balances	253,338	3.3%
interest/other		

Expenditures

Personnel Costs	\$4,213,303	54.9%
Operating Costs	3,466,042	45.1%

Senior Services Funding

Total Budget for 2010 was \$760,888.

Revenue Sources

Contracts/grants	\$556,187	73.1%
Fees	0	0.0%
Taxes	78,381	10.3%
Fund Balances	126,320	16.6%
interest/other		

Expenditures

Personnel Costs	250,578	32.9%
Operating Costs	510,310	67.1%

The Office of Vital Records issues Utah County birth and death records from 1905 to the present.

2010 brought a new change in the driver's license laws which affected Vital Records. Our workload has increased because a certified birth certificate is now required to obtain a driver's license. People who may have gone years with errors on their record or without a name are now having to correct those errors in order to get a driver's license. In turn it has made us busy doing affidavits to amend records to assure the certificates are accurate and ready to issue. The total non-infant affidavits processed in 2010 was 558 compared to 405 done in 2009.

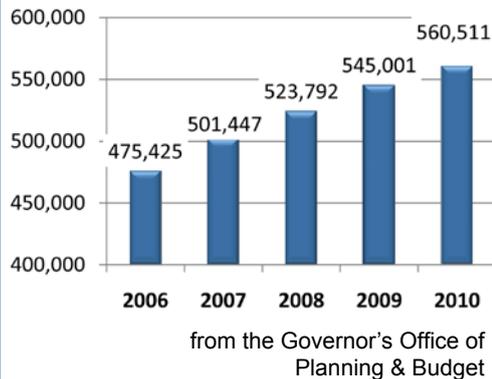
Voluntary Declarations of Paternity are now done electronically so they are processed in less than half the time as before.

Vital Records Goals:

- To be able to electronically process affidavits, greatly speeding the process for clients.
- To electronically scan Utah County Index Books to more easily and quickly look up birth and death records.

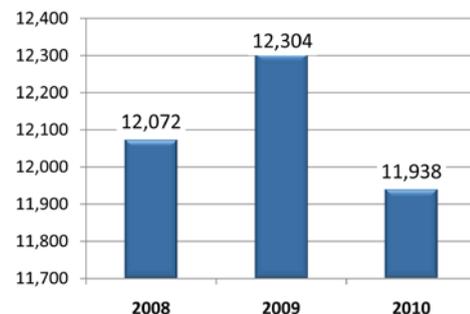
Vital Records

Population



Utah County represents 19.6% of Utah's total population. Utah County increased by 2.8% in 2010 and 50.7% since 2000.

Number of Births

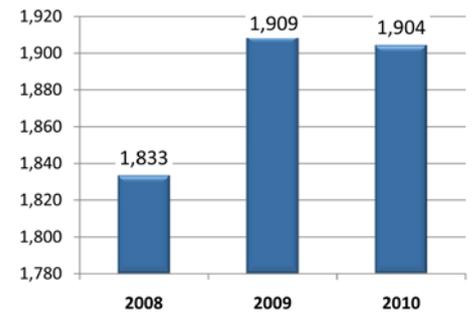


Type of Birth	2008	2009	2010
Home	230	169	201
Facility	11,842	12,135	11,737

Utah County has a population density of 252.5 individuals per square mile (Utah is 33.5).



Number of Deaths



Utah County's population is projected to exceed 1 million people before 2035.

Leading Causes of Death

1. Heart Disease/Stroke
2. Cancers
3. Dementia/Alzheimer's
4. Non-motor Vehicle Injury
5. Lung Disease
6. Diabetes/Obesity
7. Suicide
8. Kidney Disease
9. Motor Vehicle Injury
10. Pneumonia/Influenza
11. Birth Defects/Complications
12. Sepsis/Blood

The 2009 average household income in Utah County was \$72,935 (it was \$69,657 state-wide).

Traumatic Death

	2008	2009	2010
Unintentional injury (non-vehicular)	26	61	80
Drug related*	71	79	70
Suicides	41	57	53
Motor Vehicle	48	27	41
Undetermined	38	41	32
Homicides	5	8	4

* over half of all suicides involve drugs and/or alcohol.

Utah County is the 16th largest geographically, but 2nd largest in terms of population in Utah.

Family / Personal Health Services

Clinic / Home Clients	2006	2007	2008	2009	2010
Baby Your Baby Intakes	1,333	1,334	1,378	1,513	1,359
Cholesterol Screenings	528	340	419	252	1,359
Family Planning	683	546	587	461	211
Fluoride Prescriptions	38	571	647	401	314
General Health Exams	707	630	637	268	185
HIV Screenings	497	495	563	522	550
Immigration Exams	390	417	459	470	581
Immunizations - General	52,633	52,427	52,432	43,870	38,946
Immunizations - Seasonal Flu	17,055	17,055	18,181	18,016	15,711
Immunizations - H1N1 (January to April)	--	--	--	46,556	5,624
Immunizations - School Personal Exemptions	1,380	1,398	1,379	1,176	1,283
Lead Screenings				86	7
Malaria Prescriptions	216	365	398	274	360
Pregnancy Tests	355	408	446	288	295
PSA Screenings	31	22	15	9	9
Sexually Transmitted Disease Screenings	1,110	1,114	1,348	1,261	1,268
Short Encounters, Screenings including Lead*	125	83	61	86*	99*
Tuberculosis Clients on Preventive Medications	202	149	142	97	76
Tuberculosis Skin Tests	5,122	5,399	4,856	4,492	4,924
Welcome Baby - Home Visits Prenatal	2,544	2,904	2,756	2,703	2,558
Welcome Baby - Medicaid Client Home Visits	930	996	1,055	907	868
Welcome Baby - Teen High Risk	--	524	630	373	388
Welcome Baby - Spanish Community	--	534	442	310	666
Women's Cancer Screening - "BeWise Program"	1,582	1,713	1,924	1,690	1,870

Family / Personal Health Services Goals:

- Increase awareness of vaccine preventable diseases and the continual need to keep child and adult vaccines up-to-date.
- Improve the flu clinics in the community which may include in-school clinics.
- Encourage providers to use the Utah Statewide Immunization Information System (USIIS) to store immunization records.
- Provide more educational public health experiences for university students.

Pertussis Cocooning Project:

Pertussis -- more commonly referred to as "Whooping Cough" -- is a vaccine preventable disease affecting people of all ages. Pertussis can be especially dangerous for young children and infants. Unfortunately, those most at risk -- children under the age of six months -- cannot be vaccinated against the disease.

We and other health professionals are working to protect these infants by creating layers of immunized people around them. We call this "cocooning." This project creates a "cocoon" of protection around newborns by immunizing their mothers, fathers, and other people with whom they come into contact. All parents and care-givers are encouraged to make certain their own vaccinations are up to date, especially Pertussis.

The UCHD received funding to provide Pertussis vaccine (Tdap) at no cost to new parents and care givers with no insurance or insurance that doesn't cover immunizations. Through this program, over 3,000 vaccinations were given in 2010. Thousands of others were encouraged to be vaccinated through their own insurance plans.



Family / Personal Health - continued

Communicable Disease Reporting and Investigation		
Disease	2006-2009 Average	2010 Cases
Amebiasis	1.5	0
Campylobacter	52.5	86
Chlamydia	491.3	710
Cryptosporidium	119	13
E. coli 0157	13.3	8
Giardia	74.8	65
Gonorrhea	26.5	25
Hepatitis A	1.75	2
Hepatitis B - acute	1.3	0
H1N1 - lab confirmed	38.5	1
HIV - new cases	6.5	6
Meningitis - aseptic and viral	44	7
Meningitis/Neisseria	1.3	0
Pertussis	92.5	38
Salmonella	44.3	77
Shigella	8	10
Syphilis	8.5	6
Tuberculosis - active	3.8	1
Tularemia	1.75	0
Varicella	156	68
West Nile Virus	18	0

Skin Cancer Checks

Skin cancer is the most commonly occurring cancer in the United States, and Melanoma is the most deadly skin disease. The good news is that it is highly curable when detected early.

The UCHD held skin cancer screenings twice a month throughout the year, seeing hundreds of clients. The screening only took five to ten minutes, but referrals were made to local dermatologists for any suspicious looking skin problems. Educational materials regarding protection from the sun and free samples of skin products were also distributed.

Several presentations were also made on local television talk shows and newscasts, increasing educational outreach even further.



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



Environmental Health

The Division of Environmental Health Services is responsible for the enforcement of rules governing things such as septic tanks, food service, 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 impacted with the economic downturn, the food service industry continues to grow. Much of our time is used to run the food service program.

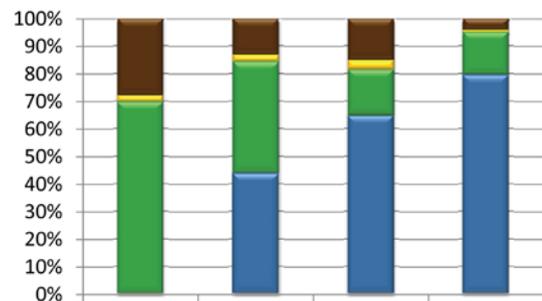
Number of Environmental Health Permits / Approvals	2007	2008	2009	2010
Food Establishments	1,327	1,487	1,501	1,509
Food Establishments with new owners	202	259	248	276
New Food Establishment Plan Reviews	48	80	90	96
Temporary Food Permits Applications	709	775	881	776
Public Pools Permitted/ Inspected	343	349	335	352
Pool Plan Review	21	45	8	9
Body Art (Tattoo, piercing, permanent cosmetics, etc.) Facilities	29	33	37	43
Tanning Facilities Licensed	76	74	78	82
Motor Vehicle Inspection Stations Inspected	176	179	182	186
Motor Vehicle Inspection Technicians Licensed	565	555	539	554
Sanitation Complaints	457	390	226	227
Water Systems Inspected	10	10	11	12
Septic Tanks Inspected	92	102	63	75
Underground Storage Tanks Permitted/Inspected	83	81	84	81
Used Oil Recycling Centers	74	74	84	86

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 being issued a permit. Our office has seen a steady increase in temporary food permits over the last few years.

Environmental Health Goal:

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

Food Handlers Cards Issued



	2007	2008	2009	2010
Online	0	5,802	9,775	8,990
In house	9,444	5,378	2,530	1,774
Off site	336	334	533	78
Renewal	3,777	1,751	2,281	484
Total	13,557	13,265	15,119	11,326

Compliance with the requirement of having all food service workers obtain a current food handlers card has greatly improved with the implementation of our on-line food handler course.

Household Hazardous Waste Collection

Utah County citizens continue to support the annual Household Hazardous Waste Collection Day, bringing in old paint, batteries, insecticides, oil, chemicals, florescent light bulbs, and other household wastes for recycling or safe disposal.



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.

This year saw the kick-off of the Living Well With Chronic Diseases Program that helps individuals decrease their pain, decrease their doctors' visits and enjoy life more. Health Promotion also offered diabetes and arthritis exercise classes.

Health Promotion also encourages child passenger and safety belt use through annual campaigns. This year was the first annual Hispanic Youth media contest to encourage safe driving behaviors. Bicycles rodeos, walk to school days, and teen seat belt campaigns also joined other injury prevention program activities.



Rape is the only violent crime experienced in Utah at a rate higher than national average. "Walk a Mile in her Shoes" was an event to draw public awareness to this fact by having men march in high heels, with women and children marching at their side.

The Tobacco Prevention and control program continued its efforts to ensure that everyone can have clean air to breath. Youth Cessation classes continue, as well as advocacy efforts that resulted in a smoke-free Utah County campus policy.

Environmental Health Education joined with the Department of Environmental Quality to help Habitat for Humanity of Utah County build their first radon resistant home, and make those standards part of their building policy. Miss Utah even helped to install the radon mitigation device.

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
- To heighten awareness about the need for parents to keep babies rear facing in car seats until 2 years of age and 30 lbs.

Senior Services

Senior Services, including the Foster Grandparents and Senior Companion Programs, volunteered over 95 thousand hours to other seniors as well as children who are victims of abuse and neglect, troubled teens and young mothers, premature infants and children with physical disabilities and severe illnesses. Volunteers are 55 to 91 years old and donate up to 40 hours per week.

During their annual Martin Luther King Day Service Project, seniors crocheted and/or knitted 165 hats, 80 scarves, 11 pair of gloves, 1 crocheted baby dress, 1 sweater, and 1 pair of booties. These were donated to the Food and Care Coalition.

343 frail, elderly clients received Senior Companion services - 154 clients received transportation services (97,803 miles transported), 159 clients companionship only, and 30 caregiver's received a weekly respite visit.

Senior Goal:

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



Mosquito Abatement

Utah County continues to approach mosquito control with an integrated pest management plan (IMP). We emphasize education in schools, agriculture water management and general public information to reduce controllable mosquito habitat. Surveillance of mosquito populations by daily field worker to locate and identify larvae and evaluate public health threat priority is a crucial component of mosquito control. This is important in determining if a biological or chemical control is warranted. Additional surveillance occurs by regularly monitored traps scattered throughout the county to attract adults. Trapped mosquitoes are counted, identified and this information is used to direct the application of Ultra Low Volume (ULV) and air spraying particularly to control West Nile Vector mosquitoes. Trapping information also indicates the most active time for mosquito species therefore when they are most susceptible for spraying.

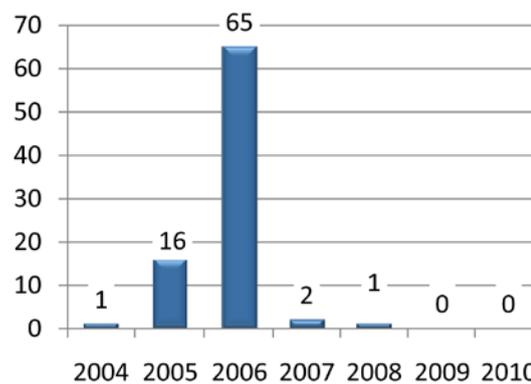


Data obtained from this bottle rotator trap -- which included a weather station -- indicated that the majority of mosquitoes fly between 9 to 11 p.m. Temperatures dropping below 50° F during the night and wind over two miles per hour dramatically reduce mosquito activity.



This data provided important management information for the timing of our truck and airplane control of adult mosquitoes. Urban sources of mosquitoes are abundant in grated catch basins, back yard ornamental ponds and containers. Our biking duo treated nearly 20,000 grated water sources with an environmental friendly bacterial spores and growth inhibitor specific to mosquito larvae and added 8,728 new ones to our data base. The chart below compares air spray success. Only two WNV cases were found in the state, none in Utah County.

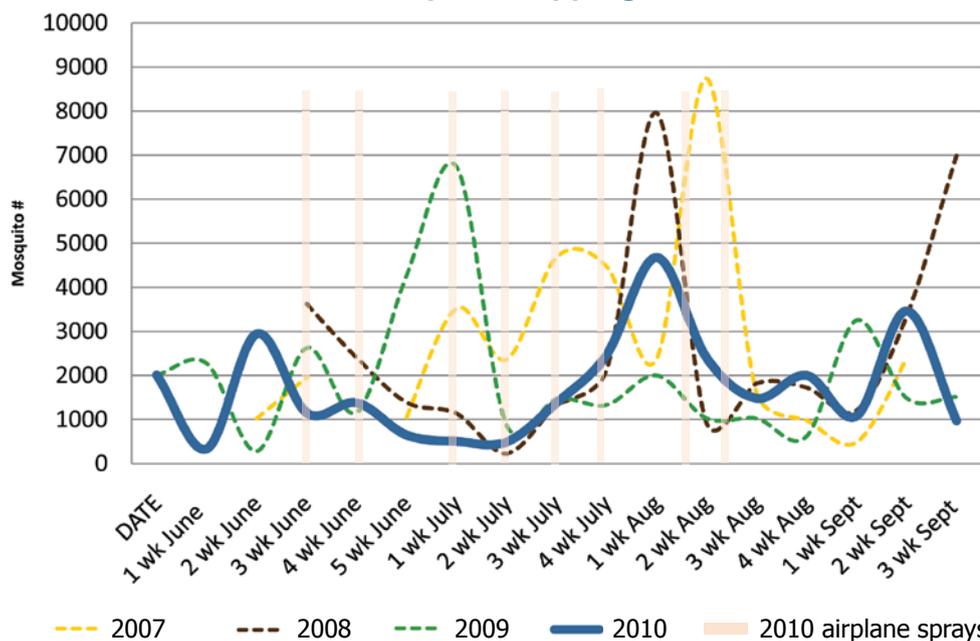
Number of Human West Nile Virus Cases



Mosquito Abatement Goal:

- Monitor and control of mosquito populations based on trapping and safe scientific principles
- Reduce health threat to residents by maintaining prompt service for mosquito control with priority on West Nile Virus vector mosquitoes.
- Construct mosquito abatement facility.

Mosquito Trapping



Substance Abuse

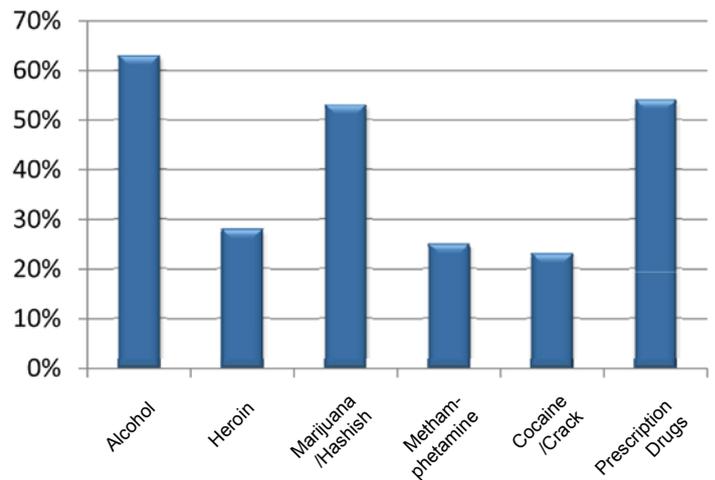
The Utah County Division of Substance Abuse (UCDSA) by state statute provides substance abuse prevention and treatment services for the citizens of Utah County. UCDSA achieved several notable accomplishments during 2010. In an environment of shrinking budgets and competitive funding for substance abuse prevention and treatment programs, UCDSA was very successful competing for state and federal grants worth nearly \$850,000.

Treatment Highlights: The On Unit Treatment (OUT) program in the Utah County Jail is one of the most highly regarded treatment programs operated by UCDSA. A research paper on the OUT program written by Stephen Bahr, Ph.D. of BYU was accepted for publication in *American Jails*. The results of the study indicated that the OUT program significantly reduced re-incarceration rates at the jail. We anticipate that other correctional facilities across the country will adopt the OUT program model based on Dr. Bahr's publication. UCDSA was also awarded a Residential Substance Abuse Treatment grant by the Utah Commission on Criminal and Juvenile Justice that creates OUT+ - a 90 day length of stay program for offenders sentenced to 6 months or more.

Prevention Highlights: UCDSA was awarded a federal Drug Free Communities Grant (DFC) for development of additional community based prevention coalitions our county. DFC will provide funding for UCDSA to continue the work of the Substance Misuse and Abuse Reduction Team coalition to reduce DUI and prescription drug misuse/abuse in Utah County.

Program Performance: In 2010, UCDSA continued to lead the state in client satisfaction with services received, adoption of evidence based treatment approaches, such as Motivational Enhancement Therapy and Recovery Oriented Systems of Care (ROSC), and implementation of the Eliminate Alcohol Sales to Youth (EASY) prevention program and the Communities That Care prevention model. Bruce Chandler and Richard Nance of the Division presented UCDSA's ROSC pilot project at the Utah Fall Substance Abuse Conference and received positive reviews. UCDSA's Prevention Programs under Director Pat Bird showed continued declines in youth substance abuse related delinquency charges and a continued decline in sales of alcohol to under aged buyers.

Drugs of Abuse Reported at Admission*



*At admission, 74% of clients report at least three drugs of abuse

Substance Abuse Goal:

To build local level prevention coalitions in cooperation with city governments, to continue implementation of Recovery Oriented Systems of Care, and to plan to adapt to changes to the system required as a result of national health care reform.



Utah County Drug Abuse Prevention Summit and Key Leader Board

The Utah County Substance Abuse and Misuse Reduction Team (SMART) brought together local volunteers, elected officials,

doctors, pharmacists, and other community leaders for a Prevention Summit in January in the hopes of spurring awareness and foster efforts to reduce drug and alcohol abuse. A Key Leader Board of community individuals was also formed to help influence policy and spread the message in the community that, as Commissioner Anderson said, "This is a war we cannot afford to lose."



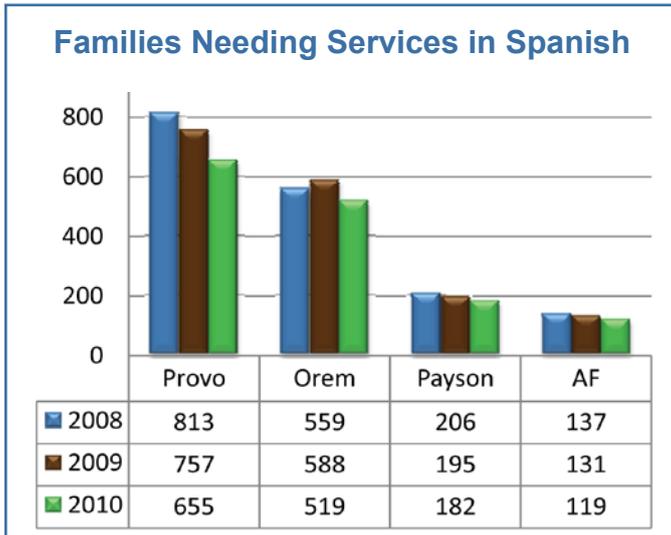
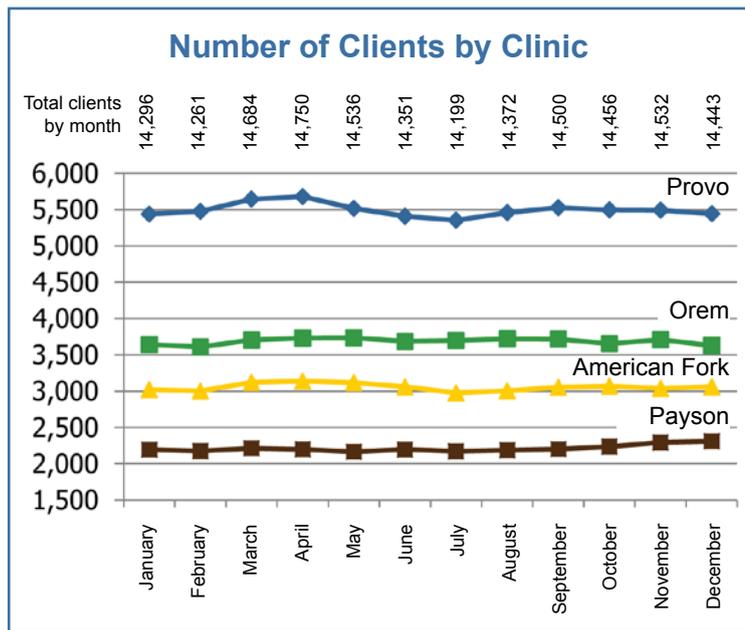
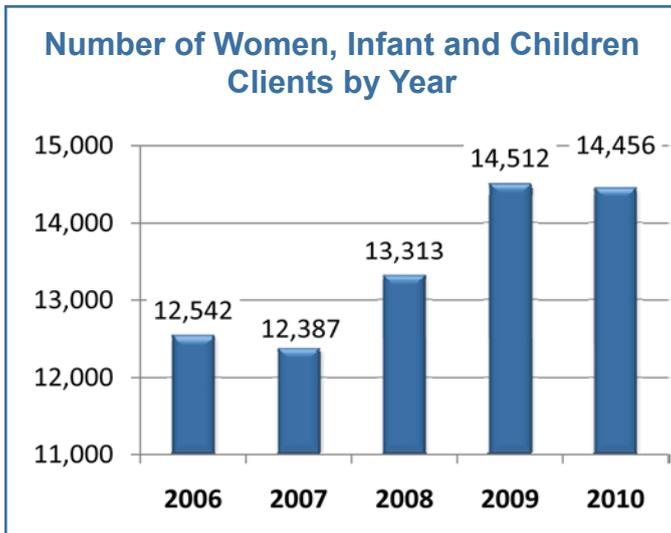
Women, Infants and Children (WIC)



In December of 2010, the Orem WIC Clinic moved to a brand new building designed for optimal service to our clients. The new location is located at 816 North 980 West. The new clinic has an efficient layout with exam rooms that mirror medical offices, a centralized command center, and management offices.

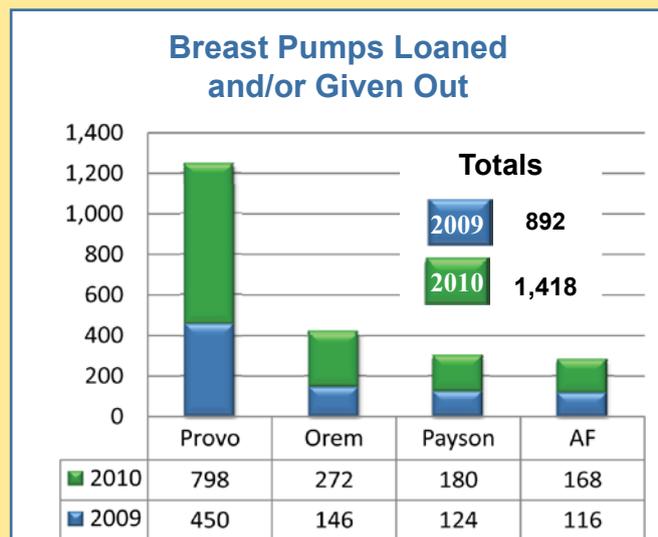


The Provo WIC clinic recently increased its waiting room size by relocating its classroom workstation. In doing this we increased the size of the waiting room to better meet the needs of our clients and increased services.



Lactation 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 Goal:

Piloting the new web-based computer system, training all staff and adjusting to a paperless system will be our focus of 2011.

Health Indicators

Physical Health	Utah County	Utah	United States
<i>Having good to excellent health</i>	91.5%	89.2%	85.9%
Participated in recommended level of physical activity	60.0%	57.6%	51.0%
<i>Had 5 or more servings of fruits and vegetables</i>	26.4%	23.4%	23.4%

Chronic Conditions

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

Asthma	6.3%	8.0%	8.8%
Arthritis	15.7%	21.4%	26.0%
Cardiovascular (Heart) Disease	n/a	2.4%	3.8%
<i>High Blood Pressure</i>	19.3%	23.1%	28.7%
High Cholesterol	17.2%	23.5%	37.5%
Diabetes	4.9%	6.1%	8.3%
Diabetes - pregnancy related	n/a	0.9%	0.7%
<i>Classified Overweight by Body Mass Index (BMI)</i>	35.5%	34.7%	36.0%
Classified Obese by BMI	24.4%	24.8%	27.1%

Addictive Substance Use

<i>Adults who are current smokers</i>	1999	3.8%	14.0%	22.8%
	2004	5.2%	10.5%	20.9%
	2009	5.7%	9.8%	17.9%
Adults who are heavy drinkers (2+ drinks per day)	n/a	3.0%	5.1%	
<i>Adults who reported binge drinking in last 30 days</i>	3.5%	8.8%	15.8%	

Health indicators are for 2009 and from the Behavioral Risk Factors Surveillance Data report, unless otherwise noted. "n/a" indicates information is not available.

Preventative Screenings/Treatment	Utah County	Utah	United States
<i>Clinical Breast examination in women over 40</i>	59.8%	67.6%	n/a
Mammogram screening in women over 40 years of age	67.6%	67.8%	76.0%
<i>Papanicolaou test in women over 18 years of age</i>	65.3%	74.0%	82.9%
Sigmoidoscopy/colonoscopy in adults over age 50	64.4%	68.5%	62.2%
<i>Men over 40 who have had a PSA prostate test</i>	56.6%	60.9%	54.8%
Seasonal Influenza vaccination in adults over 18	33.9%	39.8%	n/a
<i>Seasonal Influenza vaccination in adults over 65 years of age</i>	69.3%	73.2%	71.1%
Pneumonia vaccination in adults over 65 years of age	n/a	69.2%	66.9%
<i>Adults who visited dentist in the last year (2008)</i>	72.6%	72.2%	n/a

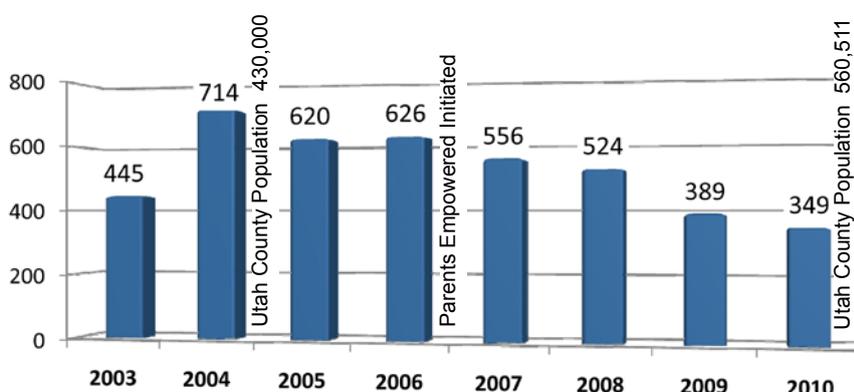
Access to Health Care

<i>Access to any kind of health care coverage</i>	82.8%	84.9%	85.6%
Have health insurance	82.8%	84.9%	85.6%

Injury Prevention

<i>Number of emergency department encounters</i>	2003	102957	680190	n/a
	2008	111922	728518	
	change	+8.7%	+7.1%	
Percentage of residents that wear their seat belt regularly	93.6%	93.6%	83.0%	

Utah County Alcohol Possession and Consumption Arrests



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