



**utah county
health department**

"creating healthy communities"

2009 Annual Report



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- Administration
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- Community Health
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- Emergency Response
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- Environmental Health
Phone: 801-851-7525
- Health Promotion
Phone: 801-851-7095
- Mosquito Abatement
Phone: 801-851-7637
- Senior Services
Phone: 801-851-7767
- Substance Abuse
Phone: 801-851-7127
- Vital Records
Phone: 801-851-7005
- WIC - Nutrition
Phone: 801-851-7300

Air Quality
3255 North Main
Spanish Fork, UT 84660-8501
Phone: 801-851-7600

Foothill Residential Drug Treatment
Center
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Phone: 801-851-7652

Mosquito Abatement
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Phone: 801-851-7637

WIC - Nutrition
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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
1549 North State St., Suite 104
Orem, UT 84057-2539
Phone: 801-851-7340
South County WIC Clinic
910 East 100 North, Suite 175
Payson, UT 84651-1641
Phone: 801-851-7360

Message from the Director and the Board

Dear Utah County Residents and Community Leaders,

The preparation that has been underway on a national, state, and county-wide basis to prepare for potential pandemic influenza was put to the test this year when Novel H1N1 Influenza A - - or Swine Flu - was identified and later declared a public health emergency on April 26, 2009. The pandemic began in Mexico, and because of international travel quickly spread to the United States and worldwide. H1N1 was first reported in Summit County and then quickly spread throughout Utah. The Utah County Health Department (UCHD) worked tirelessly with local doctors' offices, hospitals, laboratories and other providers to identify and track the disease. Almost 1,000 cases of this flu were laboratory confirmed and reported this year in Utah County. This is several times the number of confirmed flu cases reported in most other years. Many thousands of other cases occurred but did not justify the expense of laboratory confirmation. Vaccine manufacturers developed an H1N1 flu vaccine which started to be available to states and counties by October. Supplies of vaccine were extremely limited, so initially the vaccine was given only to priority groups. Even limiting the vaccine to priority groups did not prevent the high demand for the vaccine and the attendant long lines to receive it. To decrease the waiting times, the UCHD implemented ticketing and on-line appointment systems which cut wait times to under an hour. Each week, the Health Department distributed half of the H1N1 vaccine to private clinics, hospitals, and other health facilities. To date, over 105,000 H1N1 vaccinations have been given in Utah County. Two hundred forty-one of our residents required hospitalization for the flu and six deaths occurred.

Helping our communities respond to public health emergencies like pandemic influenza is an important service we are charged with. Other emergencies we prepare for include earthquakes, flooding, wild fires, toxic chemical releases, other epidemic infections, and bioterrorism incidents. We know these emergencies will occur from time to time, but as with any preparation for future unpredictable events, it is easy to make those lower priority and direct limited resources toward the many current public health needs at hand.

Everyone is affected by public health services and concerns every day. We appreciate our County Commission, other community leaders, and involved citizens working with our outstanding staff to keep Utah County a healthy place to live.

Sincerely,

Joseph K. Miner, MD, MSPH, Executive Director

Utah County Board of Health

Mayor Jerry C. Washburn, Chair	Dennis Hess, M.D., Vice Chair
Commissioner Gary Anderson	Clyde Nielsen, RPh
Doris Baker, BS	Viola Ramos, MRC
Saundra M. Huff	Chris Sorensen, MEdA
Erin D. Maughan, RN, PhD	

Friends of Public Health

As part of National Public Health Week in 2009, the Utah County Health Department and Board of Health honored and recognized the **North Pointe Solid Waste Special Service District** and the **South Utah Valley Solid Waste District** and their Directors, **Rodger Harper** and **Richard Henry**, with our Friends of Public Health Award. Under their leadership, they have provided Utah County residents the ability to dispose of their household hazardous waste in a more environmentally safe manner.

With the population of Utah County now well over a half-million people, the collective amount of hazardous waste generated from all of these households has become substantial. Although small amounts of hazardous waste from homes can legally be thrown out with other household garbage, there is still some risk that this waste if sufficiently large could someday threaten our groundwater.



To minimize this risk, these solid waste districts began in 2008 sponsoring an annual household hazardous waste collection day. The \$60,000 cost to dispose of the waste each year was covered by the solid waste districts.

Wastes collected included old gasoline, antifreeze, solvents and thinners, all-purpose cleaners, aerosol cans, pesticides, herbicides, glues, adhesives, fluorescent light bulbs, mercury thermometers, photographic chemicals, smoke detectors, paints and stains, motor oil, lubricants, and batteries.

These Friends of Public Health are hoping to sponsor in the future, year-round collection of hazardous wastes at their north and south county transfer stations so more residents will take the opportunity to use this resource. Year-round collection will also allow useful hazardous waste such as paints, stains and thinners, and pesticides to be used by others who can put them to good use. This recycling of useful waste also decreases the cost of disposal.

Family and Community Health Research Institute

The Family and Community Health Research Institute (FCHRI) works to strengthen the public health system and infrastructure in Utah County through the interactive, mutually beneficial partnership between the UCHD, Utah Valley University, Brigham Young University, and the community. Rooted in a systems approach, the FCHRI focuses on effectively addressing health disparities among underserved and at-risk populations, strengthening families and communities in Utah County, and in fulfilling the core research activities associated with the essential public health services through quality public health science.

In 2009, the FCHRI was able to counsel up to 400 students in professional development and preparation, create a web site with updated volunteer and internship opportunities for students (266 hits in four months), and recruit 30 interns in the areas of health promotion and environmental health promotion.

Utah County Health Department Funding

Total Budget for 2009 was \$14,572,322 not including \$7,000,000 in non-cash WIC Food Vouchers

Revenue Sources

Contracts/grants	\$4,690,000	32.2%
Fees	6,067,000	21.6%
Taxes	1,260,500	8.7%
Fund balances interest/other	2,554,822	17.5%

Expenditures

Personnel costs	\$10,529,570	72.3%
Operating costs	4,021,752	27.6%
Capital costs	21,000	0.1%

Utah County Division of Substance Abuse Fund

Total Budget for 2009 was \$7,316,989

Revenue Sources

Contracts/grants	\$5,599,726	76.5%
Fees	889,451	12.2%
Taxes	466,666	6.4%
Fund Balances interest/other	361,146	4.9%

Expenditures

Personnel Costs	\$4,103,390	56.1%
Operating Costs	3,213,599	43.9%

Utah County Division of Senior Services Fund

Total Budget for 2009 was \$798,404

Revenue Sources

Contracts/grants	\$545,063	68.3%
Fees	0	0.0%
Taxes	127,008	15.9%
Fund Balances interest/other	126,333	15.8%

Expenditures

Personnel Costs	295,354	37.0%
Operating Costs	503,050	63.0%

Vital Records

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

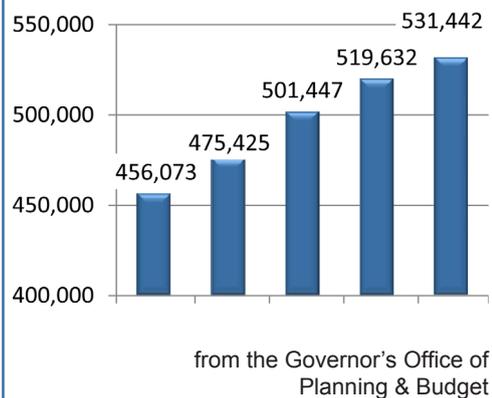
In 2009 the total initial birth certificates issued were 19,151. Of the initial birth certificates purchased approximately \$57,453 went to the Children's Trust Fund, which is a fund that provides the money to support a comprehensive statewide Child Abuse Prevention Plan.

Vital Records is responsible for the registration of death certificates for Utah County. Death certificates are also monitored for reportable diseases which require communicable disease investigation by the health department. In 2009 total initial death certificates issued were 2,221.

In addition to the statistics and work listed above, 2009 brought a few legislative changes to the Office of Vital Records. The first change was to allow a decedent's next of kin or a designated agent to handle the burial and sign to file the decedent's certificate of death, no longer requiring a licensed funeral director to do these.

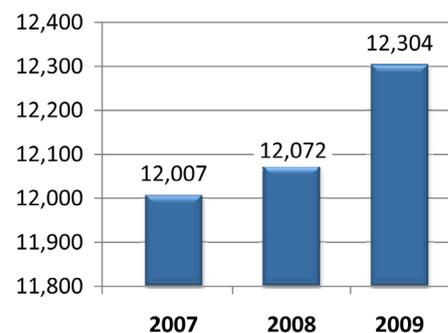
Second, there was a fee increase implemented by the State of Utah on July 1, 2009. All fees were raised and two new fees were passed for the Disinterment Permit, and Cremation/Removal Release Form. Also, there was a revision to the Mutual-Consent Voluntary Adoption Registry which reduced the age of an "adult adoptee" from 21 to 18.

Population



Utah County represents 19% of Utah's total population. Utah County increased by 2.3% in 2009 and 31% since 2000.

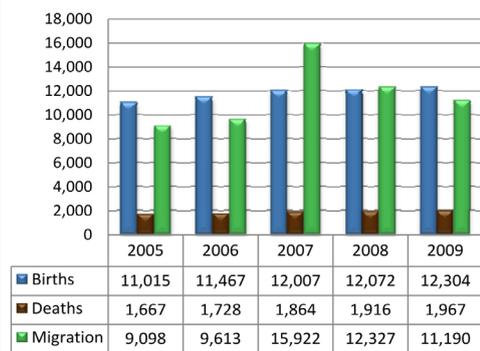
Number of Births



Type of Birth	2007	2008	2009
Home	211	230	169
Facility	11,796	11,842	12,135

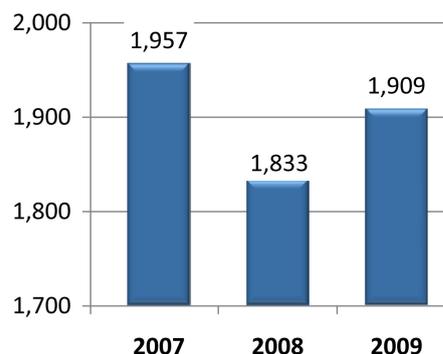
Utah County's population is projected to exceed 1 million people before 2040.

Components of Change



Utah County is 2,143 square miles, 2.45% of the state. It is the 16th largest county in Utah.

Number of Deaths



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

Leading Causes of Death

(death per 100,000 population)

Rank	Cause	2009
1.	Heart Disease	82.9
2.	Cancers	61.0
3.	Dementia/Alzheimer's	27.5
4.	Lung Disease	20.7
5.	Injuries(Unintentional)	18.5
6.	Stroke	16.9
7.	Diabetes/Obesity	10.9
8.	Suicide	10.7
9.	Infection (non-respiratory)	8.5
10.	Birth Defects/complications	6.6

Traumatic Deaths

	2008	2009
Drug related*	71	79
Unintentional injury (non-vehicular)	26	61
Suicides	41	57
Undetermined	38	41
Car crashes	48	27
Homicides	5	8

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

Community and Family Health - Nursing

Community Health Programs

The Women's Cancer Screening Clinic provides free or low cost breast and cervical exams to medically under-served women in Utah County. Women who qualify may receive a voucher for a free mammogram. During 2009, 1690 women received services. In addition, the program encourages women to make healthy life style changes through a program called "BeWise."

BeWise provides free blood pressure, cholesterol, and sugar/glucose screenings, as well as vouchers for a free mammogram, breast exam, pap test for qualifying women 50 to 64 years of age. A Lifestyle Coach will review screenings and assist women in setting personal goals. The program also offers free classes for our clients on health topics such as cholesterol, diabetes, Blood Pressure, Cooking Healthy, Physical Activity, and mental wellness.

The "Welcome Baby" program -- which supports strengthening the care of children in Utah County -- has been assisting United Way in the development of a pilot program called "Help Me Grow". The hot line (2-1-1) will direct parents or providers to services available for children in the area. The "Welcome Baby" program made 5,354 home-visits to families of young children during 2009, providing assistance for infants at risk for delayed development and assisting with family needs.

Nursing Programs	2005	2006	2007	2008	2009
Baby Your Baby Intakes	1,189	1,333	1,334	1,378	1,523
Cholesterol Screenings	543	528	340	419	252
Family Planning	516	683	546	587	461
Fluoride Prescriptions	599	38	571	647	401
General Health Exams	678	707	630	637	268
HIV Screenings	642	497	495	563	522
Immigration Exams	538	390	417	459	470
Immunizations - General	52,946	52,633	52,427	52,432	43,870
Immunizations - Seasonal Flu	24,252	17,055	17,055	18,181	18,016
Immunizations - H1N1 (Oct. to Dec.)	--	--	--	--	46,556
Immunizations - School Personal Exemptions	1,082	1,380	1,398	1,379	1,176
Lead Screenings					86
Malaria Prescriptions	204	216	365	398	274
Pregnancy Tests	547	355	408	446	288
PSA Screenings	30	31	22	15	9
Sexually Transmitted Disease Screenings	1,105	1,110	1,114	1,348	1,261
Tuberculosis Clients on Preventative Medications	236	202	149	142	97
Tuberculosis Skin Tests	5,672	5,122	5,399	4,856	4,492
Welcome Baby - Home Visits Prenatal	3,140	2,544	2,904	2,756	3,790
Welcome Baby - Medicaid Client Home Visits	777	930	996	1,055	881
Welcome Baby - Teen High Risk	--	--	524	630	373
Welcome Baby - Spanish Community	--	--	534	442	310
Women's Cancer Screening - "BeWise Program"	1,537	1,582	1,713	1,924	1,690



Photos: H1N1 vaccinations



Nursing - continued

Communicable Disease Reporting and Investigation					
Disease	2005-2008 Average	2009 Cases	Disease	2005-2008 Average	2009 Cases
Amebiasis	2	1	Meningitis - aseptic and viral	50	31
Campylobacter	51	47	Meningitis/Neisseria	1	0
Chlamydia	442	618	Pertussis	108	55
Cryptosporidium	119	8	Salmonella	44	41
e Coli 0157	15	12	Shigella	10	3
Giardia	80	68	Syphilis	9	8
Gonorrhea	38	15	Tuberculosis - active	4	4
Hepatitis A	3	1	Tularemia	2	0
Hepatitis B - acute	2	1	Varicella	173	96
H1N1 - lab confirmed	n/a	535	West Nile Virus	22	0
HIV - new cases	7	4			



Utah County School Nursing				
Students Enrolled	2006	2007	2008	2009
Alpine District	56,100	58,740	61,301	64,351
Nebo District	25,615	26,634	27,592	28,282
Provo District	13,297	13,416	13,665	13,603
Total Utah County Schools	95,012	98,790	102,558	106,236
School Nurse to Student Ratio				
Alpine District	1 : 5,754	1 : 5,340	1 : 5,573	1 : 5,850
Nebo District	1 : 4,269	1 : 3,946	1 : 4,088	1 : 4,190
Provo District	1 : 3,799	1 : 3,578	1 : 4,555	1 : 7,773

Children's Health Fair

During National Childhood Immunization Week, the Utah County Health Department hosts an annual health fair just for kids. Hands on exhibits, shows, demonstrations and information are given to participants and their parents. Topics often include:

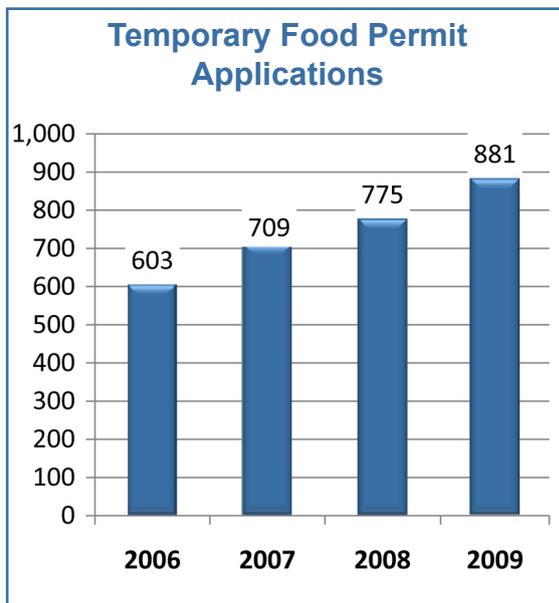
- Immunizations
- Bike safety and injury prevention
- Dental Care
- Fruits and Veggies -- more matters!
- Mosquito bite/ West Nile virus prevention

This annual event has received great participation for many years.



Environmental Health

The selling of food at special events and celebrations such as Fourth of July 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 before a temporary permit is issued. Our office has seen a steady increase in temporary food permits over the last few years.



Virginia Graeme Baker Act compliant drain cover.



The 3rd annual Household Hazardous Waste Collection Day in 2009 served over 1,000 homes, taking old paint, batteries, insecticides, oil, chemicals, and other household wastes.



These materials were recycled or properly disposed of rather than dumped in our landfills. Working with the solid waste districts, Habitat for Humanity, the Brigham Young University and Utah Valley University Public Health Education programs as well as other agencies and groups, over 35,000 pounds of materials were collected.

Pool Safety and Inspections

The Virginia Graeme Baker Pool and Spa Safety Act (VGBA) was enacted by the federal government and became effective December 19, 2008. The purpose of this act was to protect swimmers and bathers from hair and body entrapment in public pools and spas. Even though this was a federal law, the Utah County Health Department (UCHD) could not enforce it because it was not Utah law.

The Utah County Health Department notified all of the public pools in Utah County about the VGBA in early 2008. The purpose of this notification was for two reasons; Utah County public pools could be cited by federal inspectors and the VGBA requirements would eventually become part of Utah law. The VGBA requirements became part of the Utah public swimming pool rule effective December 19, 2009, exactly one year after it became federal law.

UCHD conducted approximately 500 VGBA compliance inspections during 2009 on 360 Utah County public pools and spas. At the present time 300 of those pool and spas are compliant with the VGBA. Of the 60 non-compliant pools; 32 are seasonal pools and will not open until they are VGBA compliant, 12 are exempt, 12 are pending VGBA approval, and four have been closed.

The UCHD took an aggressive approach in the monitoring of Utah County public pools in 2009. During sampling, if a pool's disinfectant or pH levels were outside of acceptable parameters, the pool was closed until the parameters were met. As a result we had only 51 failed samples out of 4,293 samples collected. That is a change from 5% failed samples down to 1.2% failed samples. That is less than one fourth of the number of failed samples seen in 2007.

Health Promotions

The process towards smoke-free parks began by gathering public support through surveys and signature cards. After a year and three months of events and collecting surveys and petitions, OUTRAGE presented 5,112 surveys and 13,474 signature cards collected in support of smoke free parks to the Utah County Board of Health with the petition to make county parks smoke free. The Board agreed, voting to make all parks and outdoor events in Utah County smoke free beginning January, 2009.

In recognition of their efforts they have been given three awards. The first was the President's Environmental Youth Award which is a national award given to youth for outstanding achievement in environmental stewardship. Youth from the group were given the opportunity to receive their award in Washington D.C. and even had the chance to meet with their senators. In addition to winning the President's award the youth also received the Utah Public Health Association Award and the Molina Healthcare Community Champions Award.



Gold Medal Schools

Gold Medal Schools encourage physical activity and healthy nutrition choices in elementary schools, improving students' academic success through policies and environmental changes that support good nutrition, physical activity, and staying tobacco-free.

42	Bronze awards
29	Silver awards
23	Gold awards
8	Platinum awards
3	Platinum Focus awards

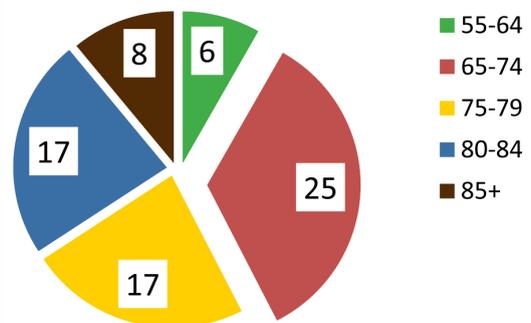
Senior Services

Senior Services, including the Foster Grandparents and Senior Companion Programs -- joined the Utah County Health Department in July of 2009.

Foster Grandparents devote their volunteer service entirely to disadvantaged or disabled youth, providing tutoring, emotional support, mentoring. Service is provided to children who are victims of abuse and neglect, trouble teens and young mothers, and premature infants and children with physical disabilities and severe illnesses.

Senior Companions provided over 340 elderly clients services during 2009, included offering companionship and friendship; providing transportation; assisting with simple chores; assistance with shopping; and providing respite for a 24-hour caregiver.

Age of Foster Grandparent Volunteers

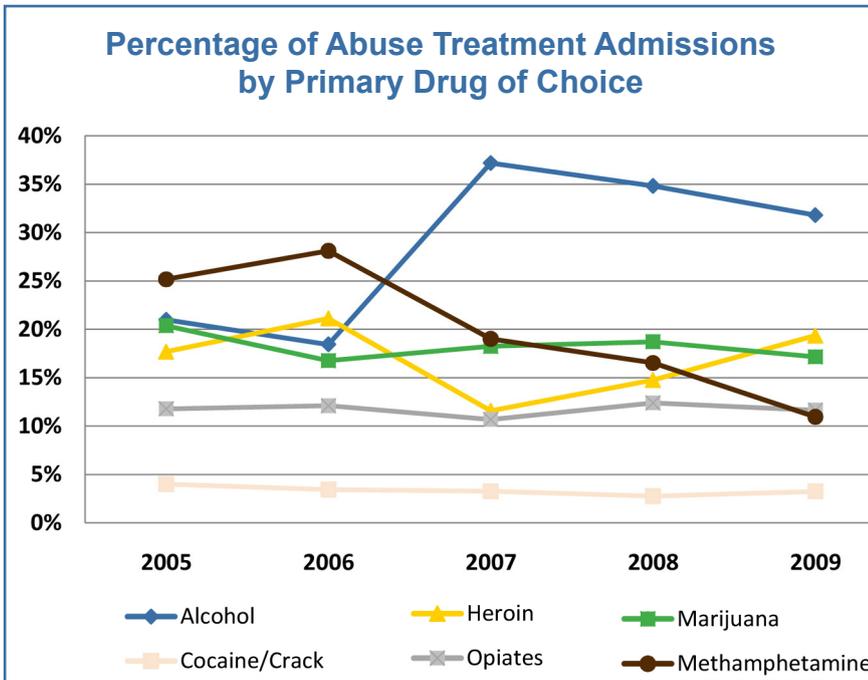


73 Foster Grandparents volunteered 50,099 Hours and served an estimated 2,690 individuals in 2009.

42 Senior Companions served a total of 35,475 hours.

Fifty-five quilts were made in partnership with Timpanogos Harley Owners Group (HOG). A wonderful volunteer, Donna Stevens heads up the annual quilting bee. She purchases, cuts, assembles and sews the quilts, which are then tied by the volunteers. The HOG members donate the money for the supplies and distribute the finished quilts to local hospital Pediatric units during an annual ride.

Substance Abuse



UCDSA had 2298 treatment program admissions in 2009.

47% of UCDSA treatment admissions were for women.

86% of clients report use of more than one drug upon admission.

54% of UCDSA treatment clients report prescription drugs among their top three substances abused.

80% of Utah County youth reported not using any substance in their lifetime, and 91% reported not using any substance in the last 30 days.

Substance Abuse prevention regularly makes presentations addressing topics such as community involvement, media literacy, and specific substance abuse prevention strategies to anyone in Utah County at no cost. These presentations are research-based, specific to age groups and are effective in raising awareness in schools, churches, or businesses.



The Utah County Division of Substance Abuse (UCDSA) achieved several notable accomplishments during 2009.

Val Ellison, the Director of the On Unit Treatment (OUT) program operated inside the Utah County Jail, was recognized at the 2009 Utah Fall Substance Abuse Conference with the Justice Programs Award. Val was the director of the OUT program from its beginning in 1997 until his death in February, 2010. A research study by Stephen Bahr, Ph.D. of BYU indicated that the OUT program significantly reduced re-incarceration rates at the jail.

The Utah State Legislature slashed funding for the statewide Drug Offender Reform Act program and limited participating counties to only 4. Utah County's DORA program successfully adapted to the reduced funding and increased performance requirements. The graduation rate for DORA in 2009 was 74%, improving from 69% in 2008 – with half the staff and the same program capacity.

UCDSA's treatment continuum for women with dependent children began updating program outcome statistics. Although not primarily a criminal justice population, the total number of arrests for these clients decreased by a factor of three from 18 months prior to admission to treatment to 18 months after discharge. Sixty-seven percent of clients had no arrests 18 months after leaving treatment.

Utah County Prevention statistics for youth continued to show significant declines in drug and alcohol use. Student Health and Risk Prevention (SHARP) survey data indicated that drug and alcohol use by Utah County public school students continues to decline or remain very low for all drugs except for hallucinogens and stimulants which both increased slightly. Utah County rates are at or below all state and national rates except for heroin. The effectiveness of Utah County's Eliminate Alcohol Sales to Youth (EASY) program continues to improve. The number of youth arrested for alcohol violations continue to decline year by year from 714 in 2005 to 389 in 2009.

The UCDSA SMART coalition (Substance Misuse and Abuse Reduction Team) focuses on prevention of prescription drug and alcohol abuse in Utah County. SMART's "Clean out the Cabinet" promotion educated residents about prescription abuse by distributing 100,000 fliers through city utility bills, educating upwards of 500 religious leaders, collecting 124 pounds of unused medication at a prescription take-back event, and creating www.cleanoutthecabinet.org.

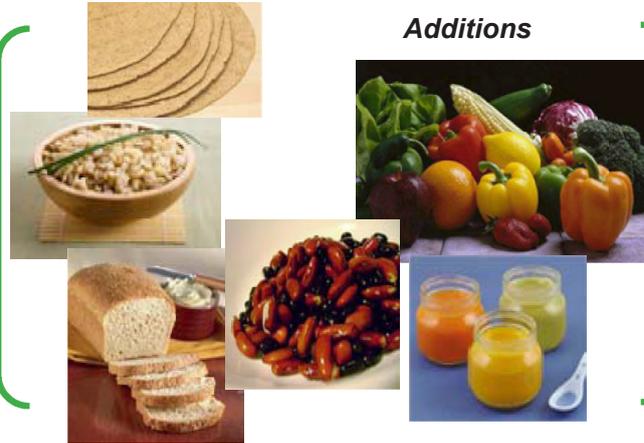
Women, Infants and Children (WIC)

Old Packet

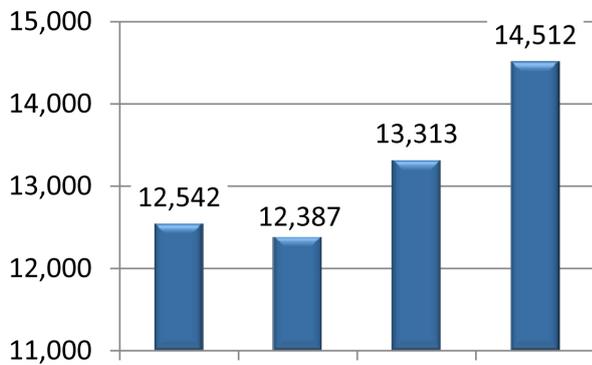


In July 2009, Utah WIC implemented new improved food packages. The food packages agree with the 2005 Dietary Guidelines for Americans and recommendations of the American Academy of Pediatrics. The focus is on improved nutrition for the whole family. Along with the standard cereal, juice, milk, eggs, dried beans and peanut butter, the new food packages add whole grains, canned dried beans, fresh fruits and vegetables, and baby food. The response has been overwhelmingly positive from clients and staff.

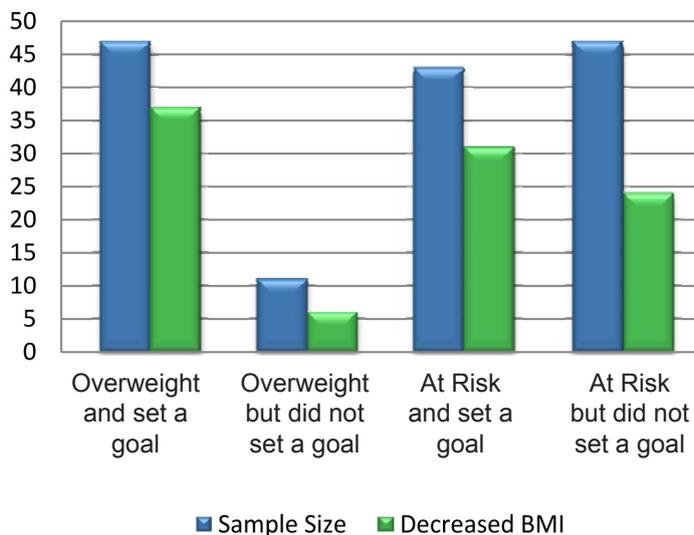
Additions



Number of Women, Infant and Children Clients by Year

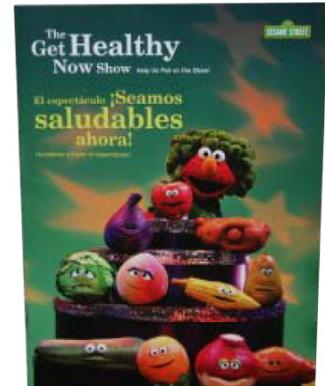


FIT WIC Results for 2009

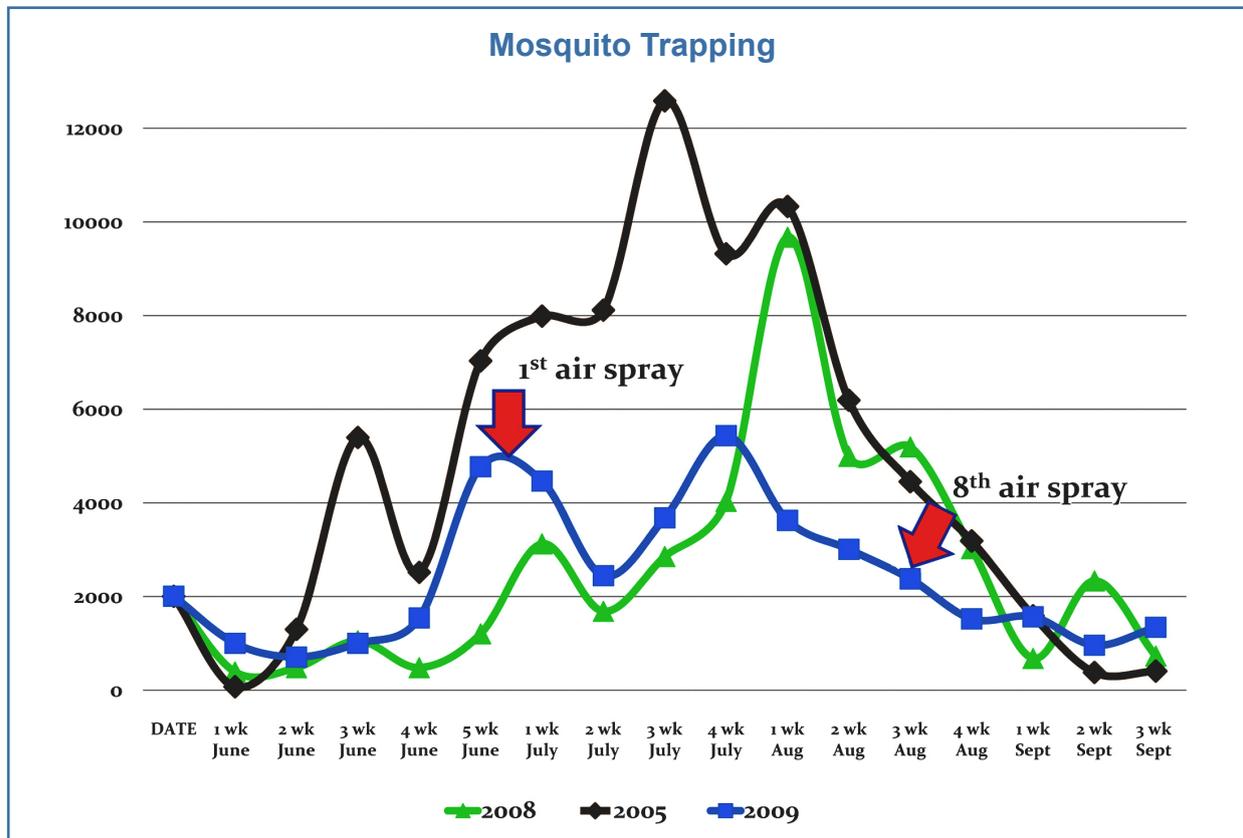


Utah County FIT WIC

FIT WIC was a pilot program that identified children two to four years old who met the Nutritional Risk Factors as being overweight or at-risk for becoming overweight. According to the National Pediatric Nutrition Surveillance System, in 2005 21.8 % of all Utah children had a Body Mass Index (BMI) at or greater than the 85th percentile. The purpose of FIT WIC was to decrease the BMI of clients through personal goal setting such as increasing active play, understanding portion control, decreasing TV and computer time, etc. In addition to follow-up appointments, one way in which we were able to reinforce physical activity and healthy eating habits was by distributing Sesame Street DVDs and booklets which encouraged these principles. We found that clients who made goals were those who were more willing to actually make changes and achieved the most success in decreasing their BMI.

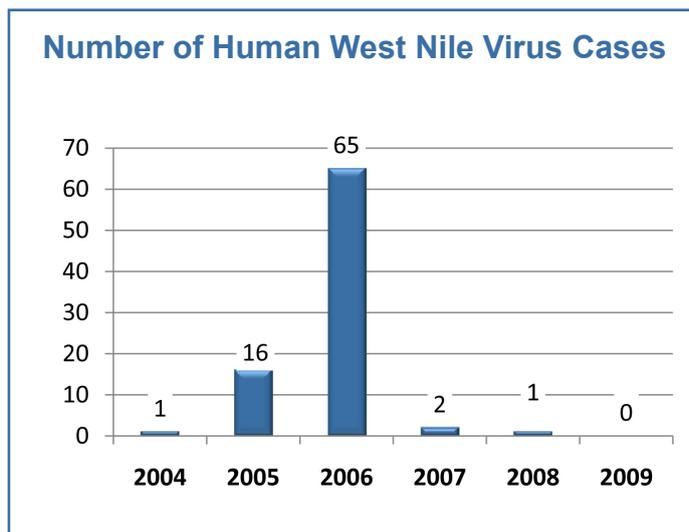
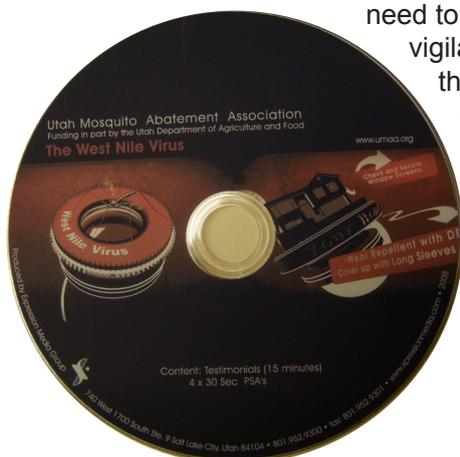


Mosquito Abatement



The early wet spring created a jump start on two early mosquito species that began to affect the county in May. Service requests began to pour in and over 1500 were responded to during the season. Spray efforts were slowed because of evening storms in June. Improved weather allowed concerted effort by truck fogging, aerial spraying in inaccessible areas that accompanied regular larval control. Though early mosquito numbers were high, control efforts were documented from surveillance trapping data. West Nile Virus (WNV) was detected in several mosquito pools tested in our lab and the Utah Public Health Laboratory but no human cases were identified from Utah County. Air spray has been implemented as an additional control method during peak mosquito emergence since 2006 with significant reduction in vector mosquitoes.

Utah Mosquito Abatement Association produced an educational CD using local WNV cases showing the seriousness of this disease and important preventive steps. This was provided to all secondary schools in the county. Education continues to be an important thrust of our disease awareness efforts. Effective treatment of over 40,000 urban catch basins throughout the county has been targeted by bikers to reduce the common house mosquito, an important WNV vector. Recent summers of low human incidents of WNV should not lessen our need to be extremely vigilant against this debilitating disease.



Health Indicators

Physical Health	Utah County	Utah	United States
Having good to excellent health	91.5%	89.3%	84.9%
Adults classified as overweight or obese	1998: 46.3% 2008: 55.0% increase: +8.7%	49.3% 58.2% +8.9%	54.6% 63.2% +8.6%
Participated in physical activity in the last month	84.3%	80.2%	75.2%

Chronic Conditions

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

Chronic Condition	Utah County	Utah	United States
Asthma	7.5%	8.4%	8.7%
Coronary Heart Disease	n/a	3.2%	4.3%
Diabetes	6.4%	6.1%	8.3%
Diabetes - pregnancy related	n/a	1.3%	0.9%

Access to Health Care

Access to Health Care	Utah County	Utah	United States
Access to any kind of care	85.7%	85.3%	85.4%

Tobacco Use

Tobacco Use	Utah County	Utah	United States
Adults who are current smokers	2003: 6.7% 2008: 4.4% difference: -2.3%	11.9% 9.3% -2.6%	22.0% 18.4% -3.6%
Children exposed to second-hand smoke at home	1.1%	1.9%	n/a

Preventative Screenings/Treatment

Preventative Screenings/Treatment	Utah County	Utah	United States
Clinical Breast examination in women over 40 years of age	59.8%	73.0%	77.4%
Mammogram screening in women over 40 years of age	67.6%	67.8%	76.0%
Papanicolaou smear in women over 18 years of age	65.3%	74.0%	82.9%
Sigmoidoscopy/colonoscopy in adults over age 50	56.4%	44.3%	42.3%
Teeth cleaning in adults over age 18	n/a	72.7%	71.3%
Seasonal Influenza vaccination in adults over 18	33.7%	39.8%	n/a
Seasonal Influenza vaccination in adults over 65 years of age	69.3%	68.7%	70.9%
Received H1N1 vaccination*	16.3%	25.7%	34.2%
Adults who visited dentist in the last year	72.6%	71.5%	71.2%
Injury Prevention			
Number of emergency department encounters	31,718 30,286	187,325 180,404	n/a
Percentage of residents that wear their seat belt regularly	84.64%	86.1%	83.0%
Percentage of child car and booster seats used incorrectly	93.6%	n/a	84%

Health indicators are for 2008 and from the Behavioral Risk Factors Surveillance Data report, unless otherwise noted. "n/a" indicates information is not available. *H1N1 vaccination percentage based on 86,374 immunizations given by UCHD and health partners in 2009.

Utah County Youth Survey
Use of Drugs or Alcohol in the past 30 days

