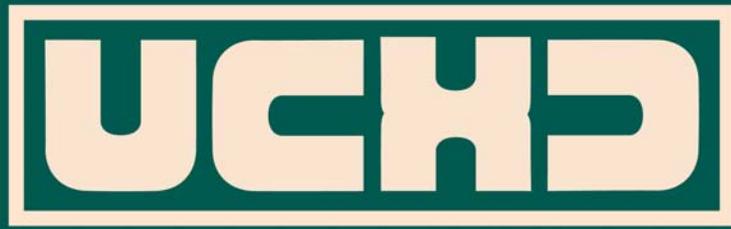


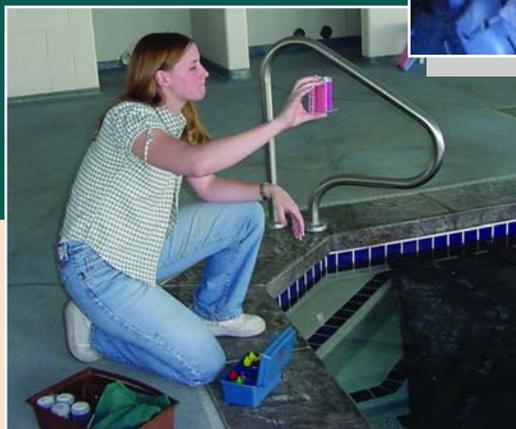
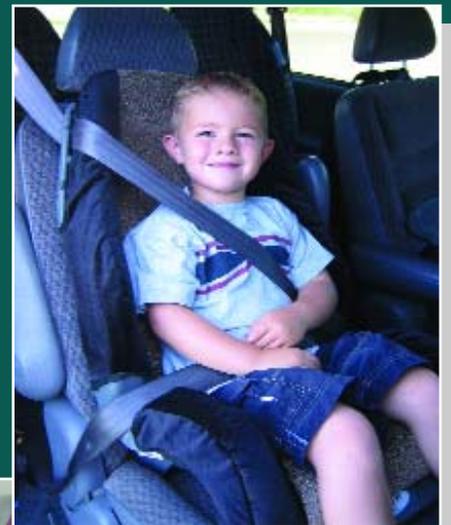
Utah County Health Department



"creating healthy communities"

2004

Annual Report



**Utah County Health
Department**

• **Administration**

Phone: 851-7012

• **Community Health**

Phone: 851-7024

• **Emergency Response**

Phone: 851-7503

• **Environmental Health**

Phone: 851-7525

• **Health Promotion**

Phone: 851-7095

• **Mosquito Abatement**

Phone: 851-7637

• **Substance Abuse**

Phone: 851-7127

• **Vital Records**

Phone: 851-7000

• **Women, Infants and
Children (WIC)**

Phone: 851-7300

Health and Justice Building
151 South University Ave
Provo, Utah 84601-4427
Phone: (801) 851-7000

www.UtahCountyHealth.org

Air Quality

3255 North Main
Spanish Fork, UT 84660-8501
Phone: (801) 851-7600

**Foothill Residential Drug
Treatment Center**

3281 North Main
Spanish Fork, UT 84660-8501
Phone: (801) 851-7652

Mosquito Abatement

2855 South State
Provo, Utah 84606-6502
Phone: (801) 851-7637

**Women, Infants, and Children
(WIC)**

Provo Clinic / Administration
151 S University Ave, Ste 2100
Provo, Utah 84601-4427
Phone: (801) 851-7300

North County WIC Clinic
321 East 300 North, Suite 1
American Fork, UT 84003-1790
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 Board of Health and Director

Utah County is a wonderful place to live and we know many people agree as evidenced by the unusually rapid population growth in our cities. An important factor making this a great place to live is the health of our citizens and the resources available to help them stay healthy. A traditional measurement of public health in a community is infant mortality and it remains very good in spite of even faster growing diverse populations which have historically higher infant mortality than the general population.

Rapid growth presents challenges in maintaining a healthy environment with clean air, plentiful safe drinking water, proper disposal of waste water and solid waste. The increased population density also brings with it more of the challenges of larger cities in meeting the health, public safety, social and economic needs of its citizens.

We appreciate the Utah County Commission for their efforts in providing the new Health and Justice Building from which we will be able to better provide services to the public for many years to come. We also appreciate all of our local government officials and other public and private agencies and involved citizens who have partnered with our outstanding staff to keep Utah County a healthful place to live.

Sincerely,

The Utah County Board of Health

Rulon Barlow, Chair
Joan Baldwin, Vice-Chair
Craig R. Witham
Edith Garcia-Twitchell
Dennis Hess
Vernon Henshaw

Doris Baker
Mayor Larry A. Ellertson
Commissioner Gary Herbert
and
Joseph Miner, Executive Director

Our Vision

Healthy People in Healthy Communities

Our Mission

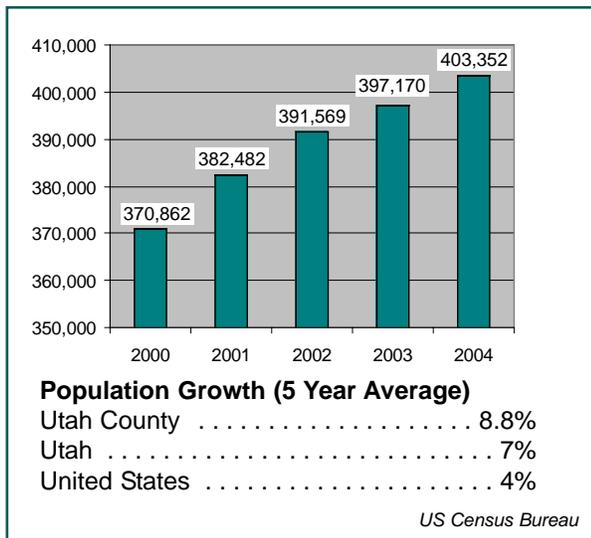
Utah County Health Department's mission is to promote health, and prevent avoidable disease and injury by monitoring the health of our community and assuring conditions in which people can be healthy.

Our Values

- Careful, open, and fair consideration of the concerns and cultural values of all people.
- Excellence in science, communications, collaboration, and operations.
- Timely, effective, consistent, and professional customer service.
- Wellness, healthy lifestyles, and a safe and healthful environment.
- Partnerships with private and other public organizations within our community.

Utah County Demographics

Population



Race / Ethnicity

White (non-hispanic)	94.0%
Hispanic	7.0%
Asian	1.6%
American Indian/Alaskan Native	1.0%
Native Hawaiian/Pacific Islander	1.0%
African American	0.5%
Some other race	3.9%

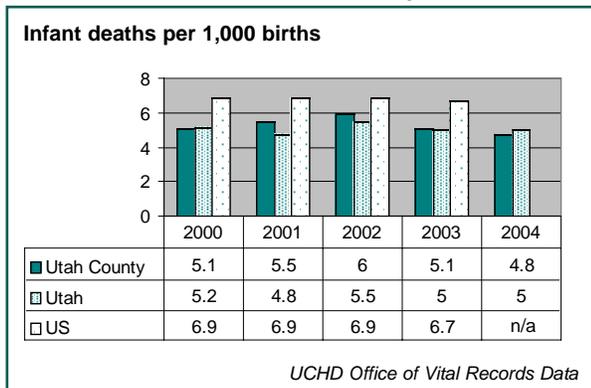
2000 US Census Data

Age

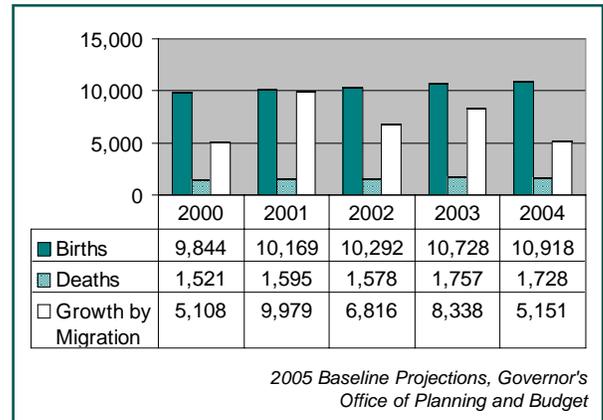
Under 5	12.0%	35 to 44	10.4%
5 to 9	9.6%	45 to 54	8.3%
10 to 14	8.3%	55 to 64	5.4%
15 to 19	7.2%	65 to 74	3.4%
20 to 24	12.9%	75 to 84	2.2%
25 to 34	19.4%	85 and older	0.9%

2000 US Census Data

Infant Mortality



Components of Change



Household Income

Less than \$15,000	11%
\$15,000 to 30,000	16%
\$30,000 to 45,000	28%
\$45,000 to 60,000	14%
\$60,000 to 75,000	8%
\$75,000 to 100,000	11%
\$100,000 to 150,000	9%
\$150,000 to 500,000	2%
Over \$200,000	1%

Median Household Income

Utah County	\$42,693
Utah	\$46,873
United States	\$43,564

Households Living Below the Poverty Level

Utah County	12.2%
Utah	10.6%
United States	9.8%

2000 US Census Data

Deaths from Injury

	2000	2001	2002	2003	2004
Motor Vehicle	37	32	48	47	34
Homicide	7	4	4	5	3
Suicide	37	41	43	35	58
Drug Related	18	14	29	56	51
Other Unintentional Injury					50
Intention Undetermined					29

UCHD Office of Vital Records Data

Health Indicators

Information represents 2003 statistics unless otherwise noted. "n/a" indicates information that is not available. Most information is from the Behavioral Risk Factors Surveillance Data report.

	Utah County	Utah	United States
Physical Health			
Percentage of adults reporting regular activity in the last 30 days	27.8%	26.3%	21.5%
Percentage of adults reporting inactivity in the last 30 days	16%	17%	27%
Percentage of persons classified as overweight or obese	1993 n/a 2003 55.9% % change n/a	46.7% 56.4% +20.7%	49.3% 59.1% +19.8%
Percentage of people reporting one or more days of poor health in the last 30 days	42%	39%	34%
Percentage of people reporting to be in fair or poor physical health	9%	11%	15%

Access to Health Care

	Utah County	Utah	United States
Persons who reported having no health care coverage	10.8%	9.1%	10.1%
Persons who reported being unable to get needed health care due to cost	n/a	12.6%	13.0%
Persons who reported having dental coverage	64%	64%	n/a
Persons over age 18 who reported receiving regular dental care	75%	74%	68%

Did You Know?

- Three out of four crashes happen within 25 miles of home, at speeds of 45 mph or less.
- About 40% of all fatal crashes occur on roads where the posted speed limit is 30 mph or less.
- Over the past decade 62,000 lives have been saved and over a million injuries prevented by seat belts.
- Motor vehicle crashes cost American taxpayers over 100 billion dollars every year.
- In a 30 mph crash, a 15 pound child can generate an impact force greater than 300 pounds!

Tobacco Use

	Utah County	Utah	United States
Percentage of adults who reported current cigarette smoking (2002)	6.1%	12.8%	21.6%

The Department of Health and Human Services 2003 National Health Interview Survey found that 21.6% of US adults are current smokers ... that is down from 22.5% in 2002 and 22.8% in 2001!

	Utah County	Utah	United States
Teens reported current cigarette smoking (2002)	4.4%	8.3%	28.5%
Percentage of pregnant women who reported using tobacco (2002)	3.3%	7.3%	n/a
Number of children exposed to second-hand smoke at home	1,700	100,000	15.5 mil
Teens reported using smokeless tobacco	n/a	3.8%	8.2%
Smokers over age 18 who reported an attempt to quit	67%	53%	50%

The percentage of stores selling tobacco to minors during compliance checks decreased from 10.7% in 2001 to 5.2% in 2004!

Substance Abuse

	Utah County	Utah	United States
Percentage of high school students reporting using an illegal substance (2004)	13.0%	21.3%	44.9%

87% of teens in Utah County say they don't use tobacco, alcohol or other drugs. 70% say they have never even tried.

	Utah County	Utah	United States
Percentage of adults reporting binge drinking in the last 30 days	4.6%	10.2%	15.8%
Persons over 18 years of age reporting chronic drinking	5%	4%	7%

Air Quality (2004-2005 Winter Season)

	Utah County	Utah	United States
Number of "Red No Burn" days	0	n/a	n/a
Number of "Yellow No Burn" days	0	n/a	n/a

Health Indicators

	Utah County	Utah	United States
Preventive Screenings			
Percentage of persons reporting having the following screenings:			
Sigmoid colonoscopy after 50 years of age	36%	42%	43%
Prostate specific antigen (men over 40 years of age)	56%	52%	56%
Pap smear screening (women over 40 years of age)	77%	81%	85%
Cholesterol screening after 18 years of age	65%	68%	72%
HIV screening between 18-64 years of age	28%	35%	46%

Immunizations

Persons who reported having a flu vaccination (ages 65+)	68.7%	75.4%	69.4%
Persons who reported having a pneumonia vaccination (ages 65+)	73%	65%	58%
Children aged 19-35 months who received the recommended vaccines (4 DTaP, 3 polio, 1 MMR, 3 Hib, 3 hepatitis B)	n/a	78.8%	79.4%

Leading Causes of Deaths in Utah County

(death per 100,000 population)

Heart Disease	125.8
Cancers	102.0
Strokes	36.6
Injuries	28.6
Lung Disease	23.7
Diabetes	21.7
Flu and Pneumonia	18.9
Suicide	14.0
Alzheimer's	13.9
Kidney Disease	8.7
Parkinson's Disease	7.8
Septicemia	5.0
Liver Disease (Cirrhosis)	5.0
Perinatal Complications	4.7
Congenital Disorder	4.6

UCHD Office of Vital Records Data

	Utah County	Utah	United States
Chronic/Long Term Conditions			
Percentage of persons reporting having the following conditions:			
Arthritis	32%	33%	33%
Asthma	6%	7%	7%
Diabetes	6%	5%	6%
High cholesterol	22%	22%	23%

Nutrition

Percentage of adults who report eating three or more servings of vegetables each day	26%	23%	27%
Percentage of adults who report eating two or more servings of fruit each day	34.7%	33.8%	34.2%
Women ages 18-44 who regularly take folic acid supplements	53%	49%	n/a

Responsible Sexual Behavior (2004)

Sexually transmitted infection rates per 100,000 population			
Primary and Secondary Syphilis	0.2	0.6	2.5
Gonorrhea	9.7	17.8	116.2
Chlamydia	55.8	168.1	304.3

HIV and AIDS

Number of people believed to be living with HIV or AIDS	100	1,836	405,926
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Skin Cancer Protection

Percentage of persons that regularly use sunscreen (18+)	31%	30%	n/a
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Injury Prevention

Percentage of residents that wear their seatbelts regularly	85.1%	85.7%	80.0%
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That's up 12.1% in Utah County since 2002!

Percentage of child car and booster seats used incorrectly	98%	90%	80%
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Clinic Services

Clinics	2000	2001	2002	2003	2004
General Health Exams	272	310	437	641	890
Cholesterol Screenings	459	422	498	564	562
Family Planning (age 18+)	567	551	442	431	475
Immunizations (general)	64,892	65,730	65,207	60,464	57,307
Flu Immunizations	9,146	13,522	16,500	30,184	21,305
Immigration Exams	425	493	495	433	490
Tuberculosis Skin Tests	5,462	6,409	6,610	5,317	5,419
Tuberculosis Clients on Preventive Antibiotics	319	401	261	212	236
Fluoride Prescriptions	-	-	-	-	530
Women's Cancer Screenings	732	913	1,202	1,263	1,299



Highlights

Mass Immunization Clinic - April 6, 2004

Clinics were set up in four sites in Utah County, simulating a mass response to an emergency that would require immunization of a large community. Almost 5,000 vaccine doses were administered in eight hours, and more importantly, UCHD teams gained valuable experience to use in an emergency situation.



Baby Your Baby Admissions by Stage of Pregnancy

	2002	2003	2004
1 st Trimester	866	803	784
2 nd Trimester	410	376	377
3 rd Trimester	146	143	153
Total	1,422	1,322	1,314

Health in our Schools

District	Number of Schools	Number of Students	Number of Students per School Nurse
Alpine	63	52,743	5,743
Nebo	33	25,814	5,163
Provo	25	13,537	3,384

Women, Infants and Children (WIC) Nutrition



Clinic	Client Census 2000	Client Census 2004	Percentage Increase
South County	1,450	2,097	44%
Provo	4,845	5,727	18%
Orem	3,476	4,154	19%
North County	1,515	2,639	75%
Totals	11,286	14,617	

Highlights

WIC Clinic Conversion

All the Women, Infant and Children (WIC) Clinics in the county were converted to an "exam room model," which allows a client to be served in a single room much like a physicians office. This has cut down the amount of time a client needs to be in the clinic as well as cut down overall wait times. It also allows for greater privacy, training opportunities, and service.

WIC Provided Services:

Nutritional assistance for low income families
Education
Breastfeeding support
Counseling

Type of WIC Clients

	2002	2003	2004
Pregnant Women	1,376	1,533	1,591
Breast Feeding (BF) Women	1,448	1,557	1,542
Non-BF Women	510	522	518
BF Infants	1,590	1,591	1,667
Non-BF Infants	1,477	1,909	1,888
Children	5,557	5,949	6,036
Totals	11,958	13,061	13,242

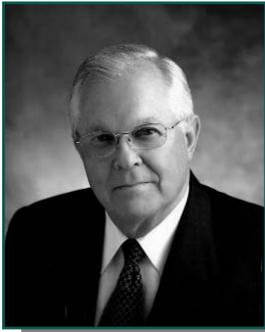
WIC Food Prescriptions

WIC Food	Key Nutrients Provided	Federal Standards
Milk	Protein, calcium, vitamins A and D, folate, riboflavin	USDA requires that each quart of fluid or dry, whole, low-fat or non-fat milk must contain 400 international units (IUs) of vitamin D and 2,000 IUs of vitamin A
Cheese	Protein, calcium, vitamins A and D, riboflavin	USDA requires that cheese must be made from milk and not be an imitation product or cheese food
Iron-fortified Cereal	Iron, B vitamins, folate	USDA requires that each serving of dry cereal contain a minimum of 28 milligrams of iron and not more than 6 grams of sugars
Juice	Vitamin C, folate	USDA requires that juice be 100% juice and that a 1/2 cup contain at least 36 milligrams of vitamin C
Eggs	Protein, vitamins A and D	
Dry Beans/Peanut Butter	Protein, B vitamins, folate, fiber	
Iron-fortified Infant Formula	If a woman cannot or chooses not to breastfeed, then iron-fortified formula is the best alternate source of essential nutrients for her infant	
Carrots	Beta-carotene (a form of vitamin A)	
Tuna	Protein, folate	

Friends of Public Health Recognition

Dr. Robert Parsons, Ph.D.

Dr. Parsons has had a long and distinguished career improving the health of Utah County communities. As a professor of economics at BYU much of his academic research has been on health care economics. Dr. Parsons has worked many years with the American Hospital Association and the American College of Health Care Executives. He has volunteered as a member of the governing board of Utah County hospitals for 14 years and he volunteered for a five year term of service on the Utah County Board of Health where he provided superb insight into the marketing and management of health services in our community.



The Friends of Utah County Children's Justice Center

The Friends of Utah County Children's Justice Center was established in 1991 as a private, non-profit 501-(c)-3 organization to provide community support for the home like facility and programs of the Utah County Children's Justice Center. The Friends organization initially worked very hard to obtain local donated funding and support to purchase a 100-year-old home in Provo and to completely renovate and furnish it to create a child-friendly facility to serve the children and families of this community. The Center is a gift of love and hope to children of all ages. The Center serves children from ages 0 to 18 and families when there is an allegation of child sexual abuse or serious physical abuse. More than 10,000 children have been served by the center since opening its

doors in 1992. The Center serves more than 1,200 child victims and their families each year. Approximately 800 child victims come to the home-like facility with their parents for interviews and specialized medical services as part of an initial investigation process. An additional 400 to 600 children and their families are provided crisis intervention, emotional support, and treatment resources.

Communicable Disease Reporting and Investigation

Disease	2000-2003 Average	2004 Cases	Disease	2000-2003 Average	2004 Cases
Amebiasis	1.5	3	Pertussis	14.25	11
Campylobacter	37.5	55	Salmonella	36.5	43
Cryptosporidium	3.8	2	Shigella	14.0	14
E Coli 0157	16.25	2	Tuberculosis - active	3.25	5
Giardia	50.75	77	HIV - new cases	5.5	2
Hepatitis A	24.75	4	Chlamydia	210.5	255
Hepatitis B - acute	2.75	3	Gonorrhea	13	41
Viral Meningitis	17.3	11	Syphilis - Primary - Latent	0.3 5.5	1 8
Meningitis/Neisseria	0	2	West Nile virus	0	1

Environmental Health

Environmental Health Permits Issued

	2000	2001	2002	2003	2004
Food Service Establishments	1,211	1,144	1,189	1,240	1,253
Food Handlers Permits	6,000*	6,499	9,763	11,230	10,451
Public Pools	250	248	249	263	274
Tanning Facilities	45*	51	56	46	54
Tanning Facility Operators	85	112	126	118	133
Body Art Facilities	15	17	17	17	10
New Individual Septic Systems	98	82	81	79	82

* indicates an approximation

Environmental Health Complaints in 2004

	Number of Complaints	Percentage of Total
Food establishments	67	26.4%
Air quality	28	11.0%
Sewage	21	8.3%
Housing - mold	18	7.1%
Housing - all others	18	7.1%
Insects	15	5.9%
Rodents	9	3.5%
Other	78	30.7%
Total	254	



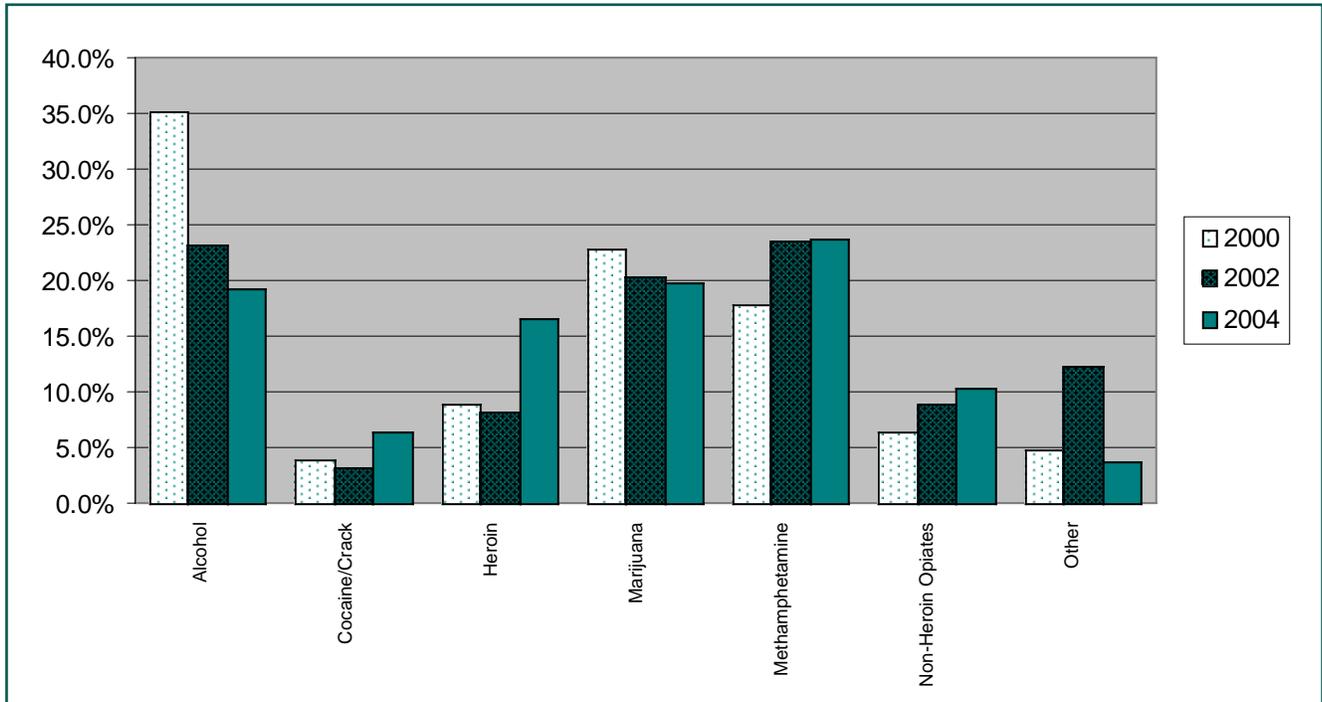
Environmental Health inspectors review food establishments, air, water, and soil quality, pools, vehicle emissions, and other environmental issues to assure public health.

Motor Vehicle Emissions Program

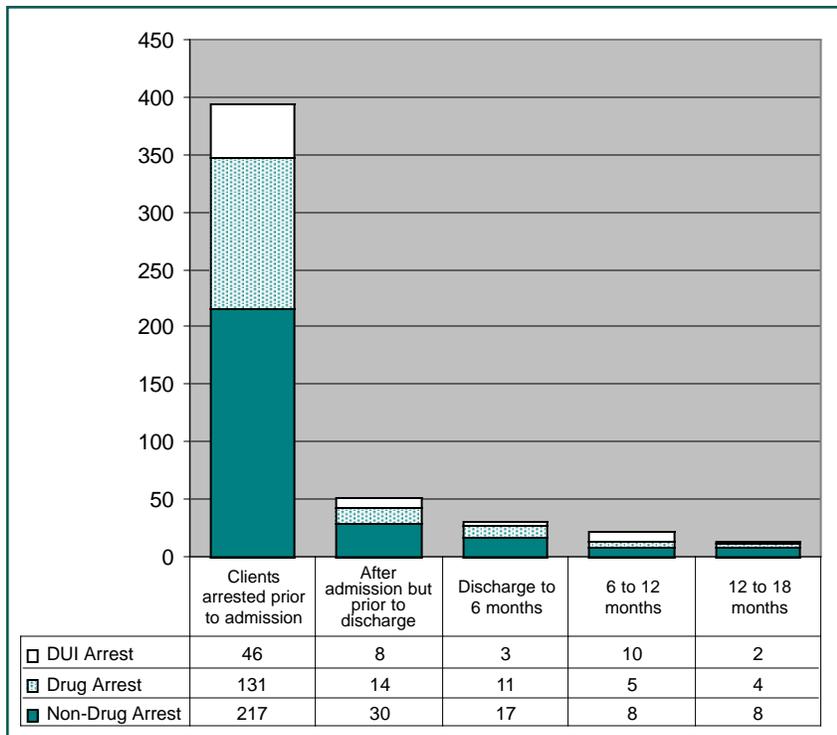
	2001	2001 Fail Rate	2002	2002 Fail Rate	2003	2003 Fail Rate	2004	2004 Fail Rate
Gasoline Vehicles Tested	249,273	16.0%	257,647	14.7%	256,047	14.0%	235,403	14.4%
Gasoline Vehicles Failed	39,952		37,758		35,970		33,938	
Heavy Diesels Tested	2,516	2.2%	2,311	2.7%	2,335	2.2%	2,456	2.3%
Heavy Diesels Failed	55		62		51		56	
Light-Duty, Non-Turbo Diesels Tested	915	4.7%	871	4.8%	730	5.3%	609	5.6%
Light-Duty, Non-Turbo Diesels Failed	43		42		39		34	
Light-Duty Turbo Diesels Tested	3,486	1.9%	3,803	1.8%	4,236	1.5%	4,310	2.3%
Light-Duty Turbo Diesels Failed	66		68		63		98	

Substance Abuse

Utah County Substance Abuse Treatment Admissions by Primary Drug of Choice



Utah County Substance Abuse Treatment Reduces Arrest Rates



Highlights

Eliminate Alcohol Sales to Youth (EASY)

Utah County's prevention staff embarked on an ambitious effort to reduce by half the incidence of underage drinking as measured by police citations. Planning, coordinating, and implementing a proven program called "Eliminate Alcohol Sales to Youth", otherwise known as EASY, among all 23 cities in Utah County has been quite an undertaking, but has already shown results in curbing juvenile drinking. Since last year, over 2000 Utah County retail staff members have been trained.

Utah County Health Department Fund

Total Budget for 2004 was \$10,699,260, not including \$6,205,400 in non-cash WIC Food Vouchers or \$605,000 in non-cash federal vaccines.

Revenue Sources

Contracts	41.4%
Fees	27.9%
Taxes	23.8%
Fund Balances	6.9%

Expenditures

Personnel Costs	69.5%
Operating Costs	28.7%
Capital Costs	1.8%

Utah County Substance Abuse Fund

Total Budget for 2004 was \$5,989,333.

Revenue Sources

Contracts	75.0%
Fees	19.6%
Taxes	3.9%
Fund Balances	1.5%

Expenditures

Capital Costs	55.8%
Personnel Costs	43.3%
Operating Costs	0.9%

Health Partners

The citizens, businesses, cities, and organizations of Utah County, with special thanks to . . .

Allen's Pharmacy
 Alpine School District
 Baby Your Baby
 Brigham Young University
 Child Care Resource and Referral
 Children's Justice Center
 Community Action Agency
 Community Health Connect
 Department of Health and Human Services
 Department of Workforce Services
 Division of Child and Family Services
 Early Head Start
 Family Support and Treatment Center
 First Step House
 The Gathering Place
 Healthy Insight
 House of Hope - Provo
 Institute for Cognitive Therapy

Intermountain Health Care
 Kids On The Move
 Kids Who Count
 K-mart Pharmacy
 Mountainland Association of Governments
 Mountainland Community Health Center
 Mountainstar Hospital Systems
 Nebo School District
 Odyssey House
 Orem Safe Communities
 Payson City
 Provo Early Education Program
 Parent Information Resource Center
 Project Reality
 Provo School District
 Safe Kids Coalition
 Sundberg-Olpin Mortuary
 The Truth Against Tobacco
 Utah Highway Patrol

University of Utah
 United Way of Utah County
 Utah Adult Immunization Coalition (UAIC)
 Utah Cancer Action Network (UCAN)
 Utah County
 Utah Department of Health
 Utah Department of Agriculture and Food
 Utah Department of Environmental Quality
 Utah Department of Work Force Services
 Utah Division of Substance Abuse and Mental Health
 Utah Division of Wildlife Resources
 Utah Family Center
 Utah Mosquito Abatement District
 Utah State Parent Teacher Association
 Utah Valley State College
 The Volunteer Care Clinic
 Wasatch Mental Health
 Weber State University

Highlights

UCHD moves into new building

With growth and progress, UCHD needed new facilities to conduct business. The move to the new Health and Justice Building allows the UCHD to more efficiently serve the community and provide improved services.

