

Asthma



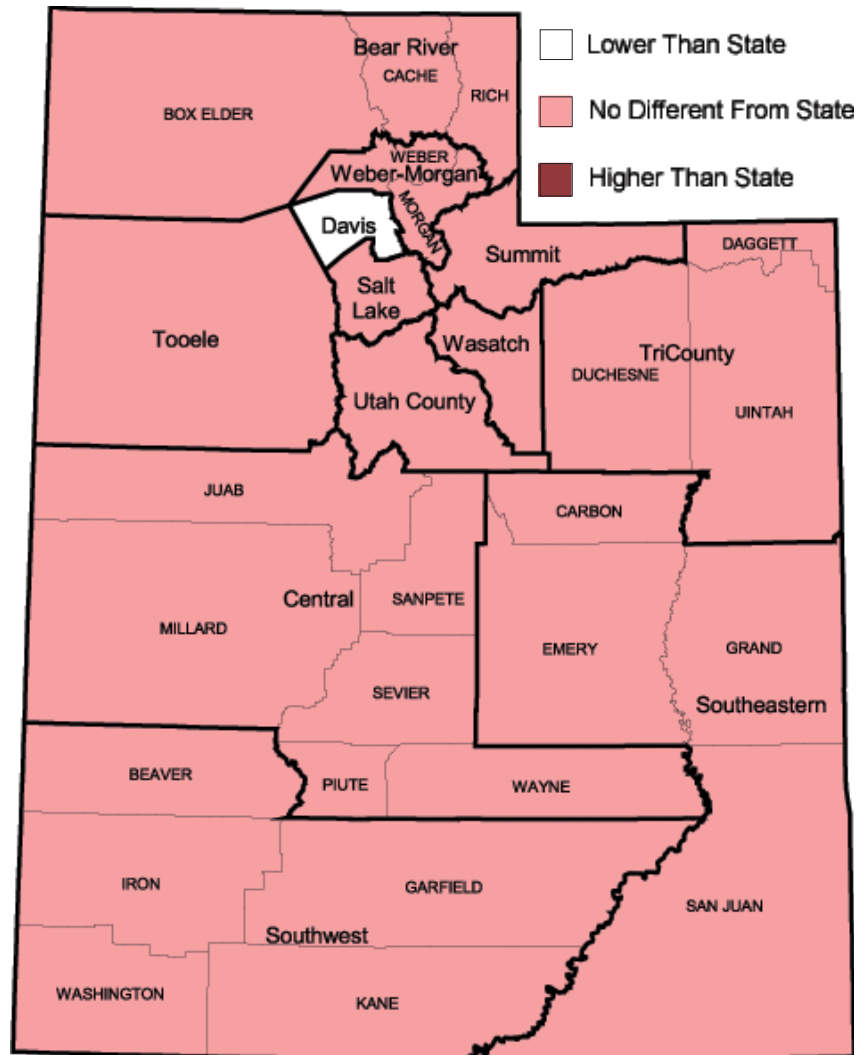
Questions: *Have you ever been told by a doctor, nurse, or other health professional that you had asthma? Do you still have asthma?*

Asthma is a chronic lung disease caused by airway inflammation that causes reversible airflow obstruction. Asthma is one of the ten leading chronic conditions that restrict activity. Approximately 15 million people in the U.S. have asthma including some 5 million children. Although not much is known about how to prevent asthma, effective asthma management by patients, their family members, and their health care providers can reduce or prevent many problems caused by the disease.

The Healthy People 2010 has set a series of objectives to reduce the burden of asthma. They include: reduce deaths from asthma; reduce hospitalizations, emergency department visits, and activity limitations caused by asthma; increase patient education and appropriate asthma care; and establish surveillance systems for states.

- During 1999-2001, 7.4% of Utah adults were estimated to be living with asthma.
- Persons living in Davis County Health District were less likely to have asthma when compared to the entire state.

Current Asthma by Whether the Local Health District Percentage Differed From the State, Utah Adults Ages 18+, 1999-2001

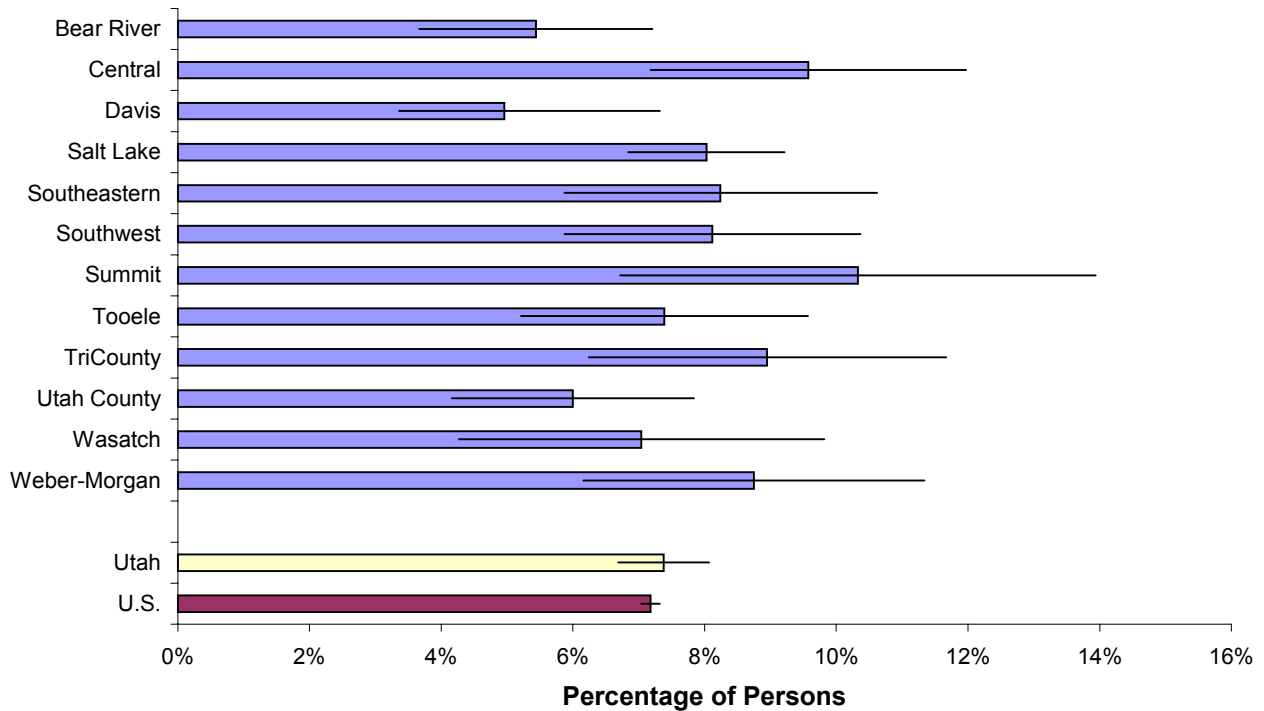


Age adjusted to the U.S. 2000 standard population. Percentage for a local health district was considered different from the state percentage if its 95% confidence interval did not include the state percentage. Source: Behavioral Risk Factor Surveillance System



Percentage of Persons Who Reported Current Diagnosed Asthma*

by Local Health District, Utah, and U.S., Adults Ages 18+, 1999-2001



* crude rates
Source: Behavioral Risk Factor Surveillance System

District	Sample Size	Total Number of Adults	Crude Rates			Age-adjusted Rates**		
			Number With Current Asthma	Percent	95% CI Range	Percent	95% CI Range	
Bear River	615	91,817	5,000	5.4%	3.7% 7.2%	5.7%	3.9% 7.6%	
Central	614	43,286	4,100	9.6%	7.2% 12.0%	9.8%	7.3% 12.2%	
Davis	584	155,816	7,700	5.0%	3.4% 7.3%	5.1%	3.1% 7.1%	
Salt Lake	2,680	627,857	50,400	8.0%	6.8% 9.2%	8.0%	6.8% 9.2%	
Southeastern	582	36,451	3,000	8.2%	5.9% 10.6%	8.4%	6.0% 10.7%	
Southwest	646	97,595	7,900	8.1%	5.9% 10.4%	8.1%	5.9% 10.4%	
Summit	603	21,092	2,200	10.3%	6.7% 13.9%	10.7%	7.4% 14.0%	
Tooele	709	27,012	2,000	7.4%	5.2% 9.6%	7.6%	5.3% 9.8%	
TriCounty	596	26,359	2,400	9.0%	6.2% 11.7%	8.6%	6.1% 11.1%	
Utah County	873	245,264	14,700	6.0%	4.2% 7.8%	6.4%	4.4% 8.4%	
Wasatch	550	10,154	700	7.0%	4.3% 9.8%	6.9%	4.3% 9.6%	
Weber-Morgan	612	140,822	12,300	8.8%	6.2% 11.3%	8.8%	6.2% 11.4%	
Utah	9,664	1,523,525	112,400	7.4%	6.7% 8.1%	7.4%	6.7% 8.1%	
U.S.				7.2%	7.0% 7.3%	7.2%	7.0% 7.3%	

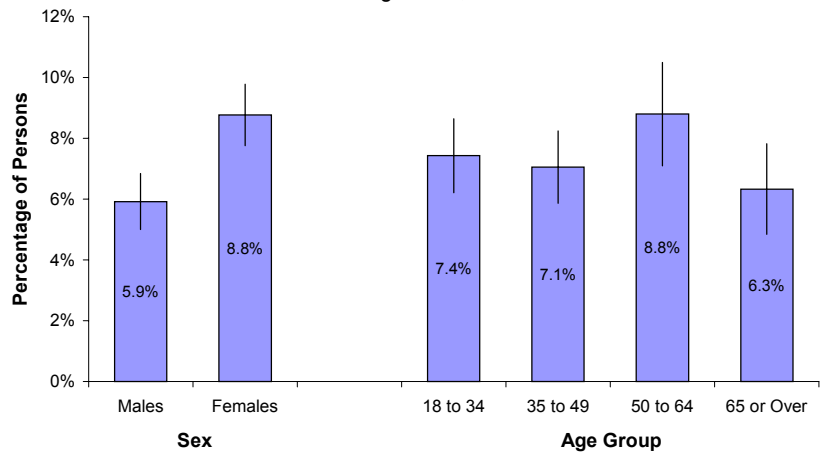
** Age adjusted to U.S. 2000 standard population
U.S. rate includes only years 2000 and 2001.

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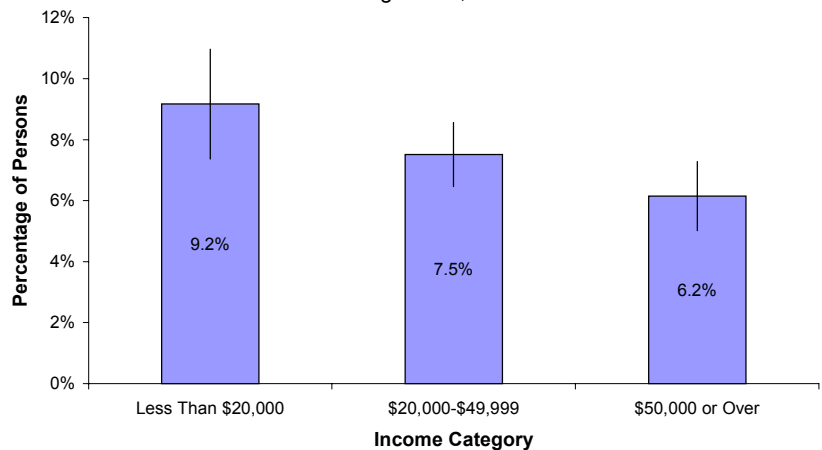
- Women (8.8%) were more likely to have asthma than men (5.9%).

Percentage of Persons Who Reported Current Diagnosed Asthma by Sex and Age, Utah Adults Ages 18+, 1999-2001



- The percentage of persons living with asthma increased as their income level decreased.

Percentage of Persons Who Reported Current Diagnosed Asthma by Income, Utah Adults Ages 18+, 1999-2001



The Utah Asthma Program was created in the Utah Department of Health in 2001. This program is working to identify the burdens of asthma in Utah and ways to reduce them with numerous partners and experts from the community.

Utah Objective: No objective listed.

HP2010 Objective (related) 24-1c: Reduce asthma deaths for adolescents and adults aged 15 to 34 to 2 deaths per million.

HP2010 Objective (related) 24-1d: Reduce asthma deaths for adults ages 35 to 64 to 9 deaths per million.

HP2010 Objective (related) 24-1e: Reduce asthma deaths for adults aged 65 or over to 60 deaths per million.



Percentage of Persons Who Reported Current Diagnosed Asthma by Selected Demographic Characteristics, Utah Adults Ages 18+, 1999 - 2001.

Demographic Subgroup	Utah Population		Survey Estimates				
	Distribution	Number of Persons ¹	Percentage of Persons Who Reported Current Asthma ²			Number of Persons ^{1,3}	Distribution of Persons Who Reported Current Asthma by Category
			95% Confidence Intervals				
			Lower	Upper			
Current Diagnosed Asthma							
Yes	7.4%	112,400					
No	92.6%	1,411,100					
Total, All Adults	100.0%	1,523,500					
Sex							
Males	49.5%	753,700	5.9%	5.0%	6.8%	44,600	39.8%
Females	50.5%	769,800	8.8%	7.8%	9.8%	67,500	60.2%
Total, All Adults	100.0%	1,523,500	7.4%	6.7%	8.1%	112,400	100.0%
Age Group							
18 to 34	42.6%	648,500	7.4%	6.2%	8.6%	48,200	42.7%
35 to 49	28.5%	433,700	7.1%	5.9%	8.2%	30,600	27.1%
50 to 64	16.4%	250,000	8.8%	7.1%	10.5%	22,000	19.5%
65 or Over	12.6%	191,300	6.3%	4.9%	7.8%	12,100	10.7%
Total, All Adults	100.0%	1,523,500	7.4%	6.7%	8.1%	112,400	100.0%
Race/Ethnicity							
White, Non-Hispanic	88.4%	1,346,000	7.5%	6.8%	8.2%	100,700	89.6%
Hispanic	8.3%	126,000	5.9%	3.3%	8.5%	7,400	6.6%
Non-White, Non-Hispanic	3.4%	51,500	8.4%	4.4%	12.4%	4,300	3.8%
Total, All Adults	100.0%	1,523,500	7.4%	6.7%	8.1%	112,400	100.0%
Income							
Less Than \$20,000	13.6%	207,700	9.2%	7.4%	11.0%	19,000	17.3%
\$20,000-\$49,999	47.8%	727,500	7.5%	6.5%	8.6%	54,600	49.7%
\$50,000 or Over	38.6%	588,400	6.2%	5.0%	7.3%	36,200	33.0%
Total, All Adults	100.0%	1,523,500	7.4%	6.7%	8.1%	112,400	100.0%
Education							
Less Than High School	6.0%	91,700	8.3%	5.4%	11.3%	7,600	6.8%
H.S. Grad or G.E.D.	30.1%	458,100	6.9%	5.8%	8.1%	31,800	28.3%
Some Post High School	35.1%	534,100	7.8%	6.5%	9.0%	41,400	36.8%
College Graduate	28.9%	439,500	7.2%	5.9%	8.5%	31,600	28.1%
Total, All Adults	100.0%	1,523,500	7.4%	6.7%	8.1%	112,400	100.0%

1 Rounded to the nearest 100 persons.

2 Plus or minus 95% confidence interval.

3 Figures in these columns may not sum to the total because some surveyed individuals had missing values on the grouping variables.

Population counts for age, sex, and total population were the 2000 estimates provided by the Governor's Office of Planning and Budget. Population count estimates for race/ethnicity, income, and education populations were derived from averaging three years of the BRFSS surveys from 1999-2001.