

Arthritis



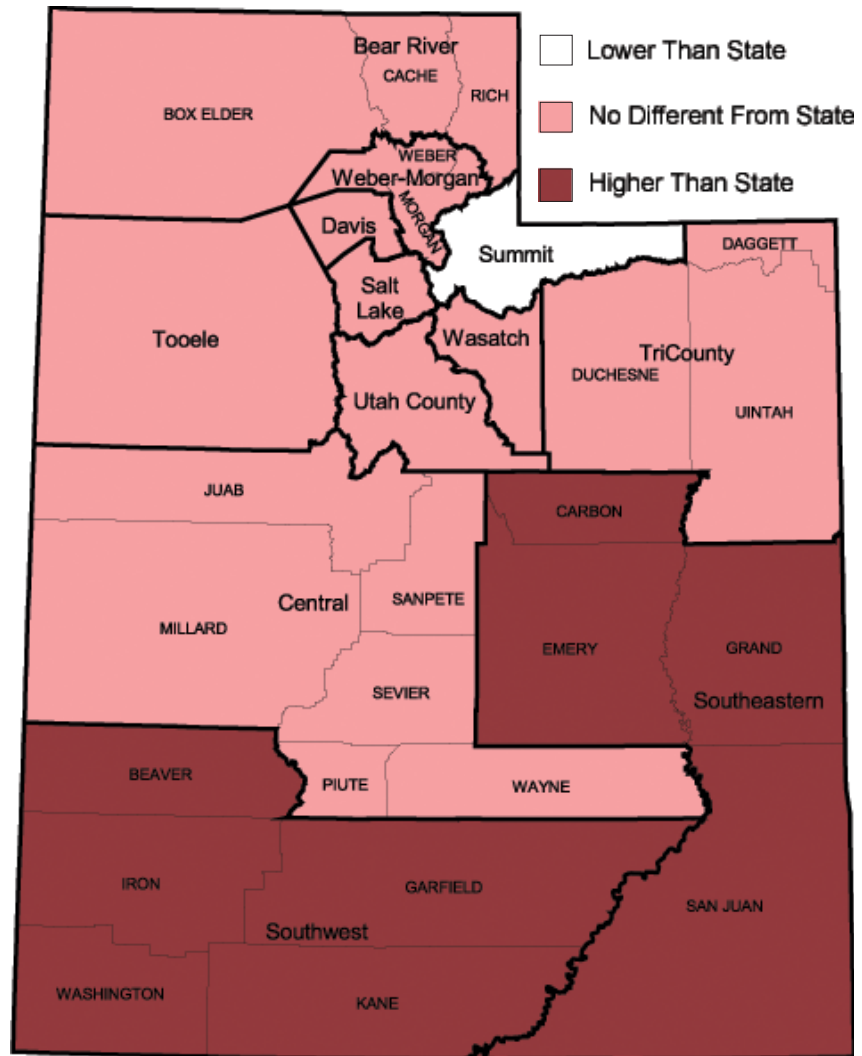
Questions: *During the past 12 months, have you had pain, aching, stiffness or swelling in or around a joint? Were these symptoms present on most days for at least one month? Have you ever been told by a doctor that you have arthritis?*

The word *arthritis* means inflammation of a joint and refers to over 100 different types of arthritis and rheumatic conditions that cause a combination of symptoms such as pain, aching, stiffness, and swelling in or around a joint. Some of these conditions include osteoarthritis, rheumatoid arthritis, fibromyalgia, juvenile rheumatoid arthritis, lupus, gout, and bursitis.

The CDC defines persons with arthritis as those who have either chronic joint symptoms (CJS) and/or doctor-diagnosed arthritis. Persons were considered to have CJS if they answered yes to both of the first two questions. Persons were considered to have doctor-diagnosed arthritis if they answered yes to the third question.

- After age adjusting, Southeastern Utah and Southwest Utah Health Districts had a higher prevalence of arthritis than the state total, while Summit County Health District had a lower prevalence.
- Using the CDC definition, the 2000-2001 Utah BRFSS survey results show that 31.5% of Utah adults had arthritis. Of these, 20.7% (214,600) Utah adults had been diagnosed with arthritis by a doctor, and 10.9% (166,200) had CJS only and had not been diagnosed by a doctor.

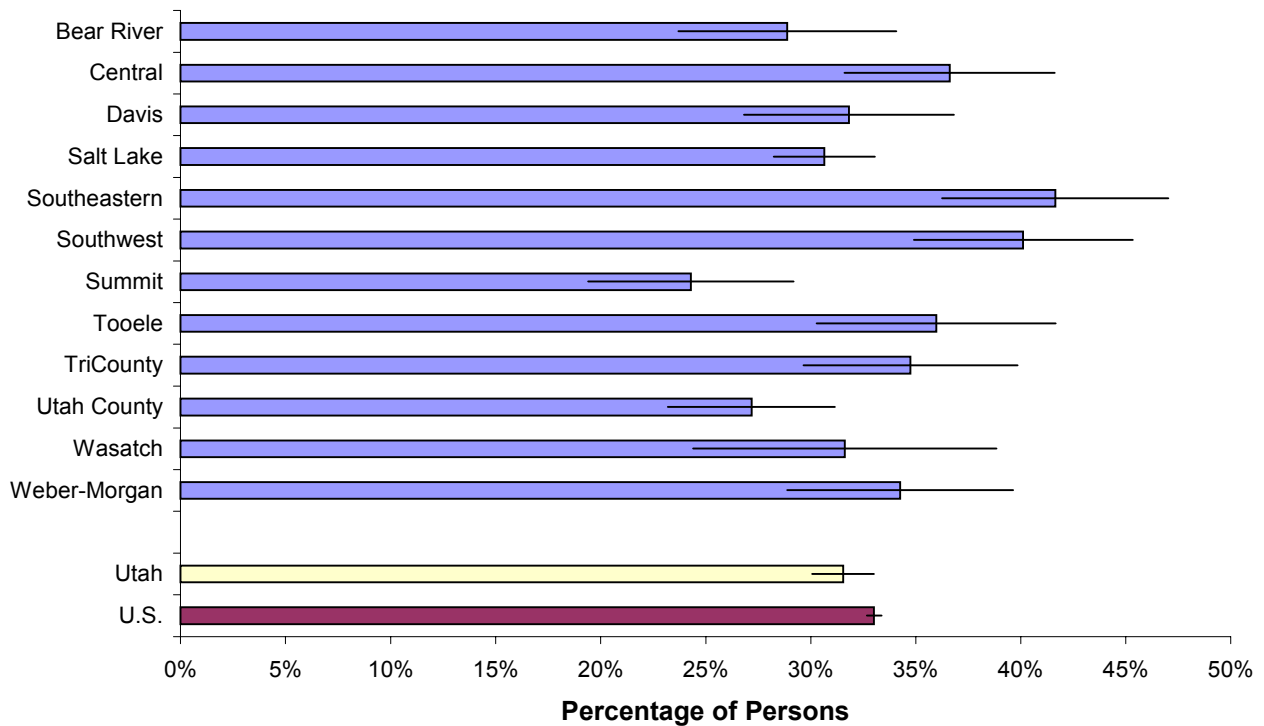
Arthritis by Whether the Local Health District Percentage Differed From the State, Utah Adults Ages 18+, 2000-2001



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. Note: Arthritis is defined as joint symptoms present on most days for at least one month during the past 12 months and/or doctor-diagnosed arthritis. Source: Behavioral Risk Factor Surveillance System



Percentage of Persons Who Reported Arthritis* by Local Health District, Utah, and U.S., Adults Ages 18+, 2000-2001



* crude rates

Note: Arthritis is defined as joint symptoms present on most days for at least one month during the past 12 months and/or doctor-diagnosed arthritis.

Source: Behavioral Risk Factor Surveillance System

District	Sample Size	Total Number of Adults	Crude Rates			Age-adjusted Rates**		
			Number With Arthritis	Percent	95% CI Range	Percent	95% CI Range	
Bear River	405	91,817	26,500	28.9%	23.7% 34.1%	32.3%	27.1% 37.6%	
Central	421	43,286	15,900	36.6%	31.6% 41.6%	36.2%	31.4% 41.0%	
Davis	411	155,816	49,600	31.8%	26.8% 36.8%	33.4%	28.6% 38.3%	
Salt Lake	1,829	627,857	192,400	30.7%	28.2% 33.1%	31.9%	29.5% 34.2%	
Southeastern	386	36,451	15,200	41.6%	36.3% 47.0%	41.5%	36.5% 46.6%	
Southwest	420	97,595	39,200	40.1%	34.9% 45.3%	40.4%	35.6% 45.2%	
Summit	435	21,092	5,100	24.3%	19.4% 29.2%	26.3%	21.4% 31.1%	
Tooele	405	27,012	9,700	36.0%	30.3% 41.7%	36.6%	31.6% 41.5%	
TriCounty	416	26,359	9,200	34.8%	29.7% 39.8%	35.5%	30.7% 40.3%	
Utah County	610	245,264	66,700	27.2%	23.2% 31.2%	32.1%	27.8% 36.4%	
Wasatch	363	10,154	3,200	31.6%	24.4% 38.8%	32.7%	27.0% 38.3%	
Weber-Morgan	401	140,822	48,200	34.3%	28.9% 39.6%	35.1%	30.3% 40.0%	
Utah	6,502	1,523,525	480,500	31.5%	30.1% 33.0%	33.4%	32.0% 34.9%	
U.S.				33.0%	32.7% 33.4%	32.7%	32.4% 33.0%	

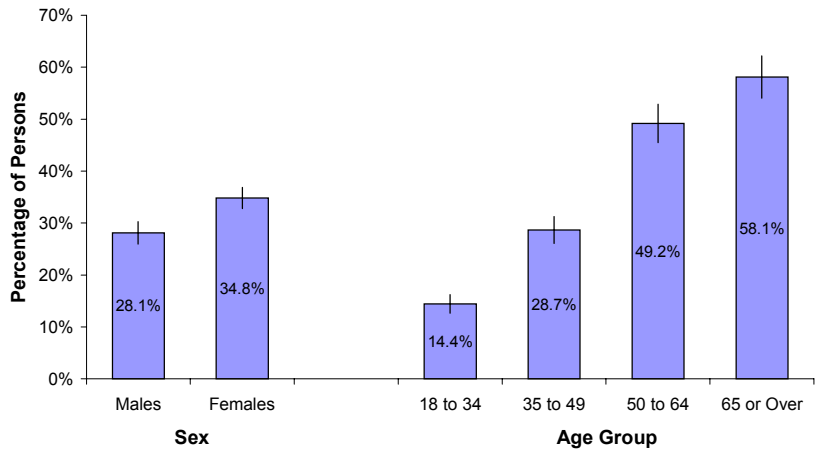
** Age adjusted to U.S. 2000 standard population
U.S. rate includes only year 2001.

Arthritis



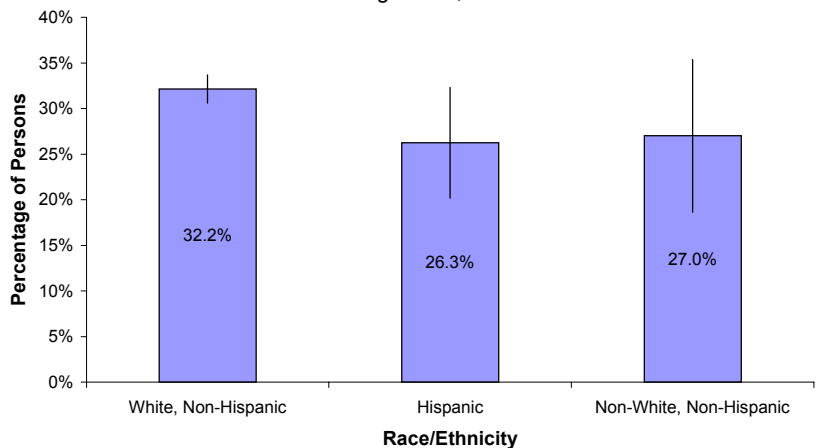
- Arthritis was more common among Utah females (34.8%) than males (28.1%).
- The prevalence of arthritis increased with age, rising from 14.4% among adults 18-34, to 28.7% among adults 35-49, to almost half (49.2%) among adults 50-64, and 58.1% among those over 65.

Percentage of Persons Who Reported Arthritis*
by Sex and Age,
Utah Adults Ages 18+, 2000-2001



- Hispanic and non-White, non-Hispanic Utah adults had similar prevalence rates for arthritis (26.3% and 27.0% respectively), while prevalence among White, non-Hispanic Utah adults was slightly, but not significantly higher (32.2%).

Percentage of Persons Who Reported Arthritis* by
Race/Ethnicity,
Utah Adults Ages 18+, 2000-2001



* Arthritis is defined as joint symptoms present on most days for at least one month during the past 12 months and/or doctor-diagnosed arthritis.

The Utah Department of Health Arthritis Program was established in December 1999 with funding from the Centers for Disease Control and Prevention (CDC). The mission of the Utah Arthritis Program is to increase the quality of life among persons in Utah affected by arthritis.

Utah Objective: Same as HP2010 Objective

HP2010 Objective (related) 2-7: (Developmental) Increase the proportion of adults who have seen a health care provider for their chronic joint symptoms.



Percentage of Persons Who Reported Arthritis* by Selected Demographic Characteristics, Utah Adults Ages 18+, 2000 - 2001.

Demographic Subgroup	Utah Population		Survey Estimates				
	Distribution	Number of Persons ¹	Percentage of Persons Who Reported Arthritis ²			Number of Persons ^{1,3}	Distribution of Persons Who Reported Arthritis by Category
			95% Confidence Intervals Lower	95% Confidence Intervals Upper			
Arthritis*							
CJS Only	10.9%	166,200					
Doctor-diagnosed Only	8.5%	129,200					
CJS and Doctor-diagnosed	12.2%	185,400					
No	68.4%	1,042,700					
Total, All Adults	100.0%	1,523,500					
Sex							
Males	49.5%	753,700	28.1%	26.0%	30.3%	211,800	44.1%
Females	50.5%	769,800	34.8%	32.8%	36.9%	268,100	55.9%
Total, All Adults	100.0%	1,523,500	31.5%	30.1%	33.0%	480,500	100.0%
Age Group							
18 to 34	42.6%	648,500	14.4%	12.6%	16.2%	93,500	20.7%
35 to 49	28.5%	433,700	28.7%	26.1%	31.3%	124,300	27.5%
50 to 64	16.4%	250,000	49.2%	45.5%	52.9%	123,000	27.2%
65 or Over	12.6%	191,300	58.1%	54.1%	62.1%	111,100	24.6%
Total, All Adults	100.0%	1,523,500	31.5%	30.1%	33.0%	480,500	100.0%
Race/Ethnicity							
White, Non-Hispanic	88.4%	1,346,000	32.2%	30.6%	33.7%	432,700	90.2%
Hispanic	8.3%	126,000	26.3%	20.2%	32.3%	33,100	6.9%
Non-White, Non-Hispanic	3.4%	51,500	27.0%	18.6%	35.4%	13,900	2.9%
Total, All Adults	100.0%	1,523,500	31.5%	30.1%	33.0%	480,500	100.0%
Income							
Less Than \$20,000	13.6%	207,700	42.0%	37.8%	46.3%	87,300	18.0%
\$20,000-\$49,999	47.8%	727,500	32.2%	29.9%	34.4%	234,100	48.3%
\$50,000 or Over	38.6%	588,400	27.7%	25.2%	30.1%	162,800	33.6%
Total, All Adults	100.0%	1,523,500	31.5%	30.1%	33.0%	480,500	100.0%
Education							
Less Than High School	6.0%	91,700	37.4%	31.3%	43.4%	34,300	7.1%
H.S. Grad or G.E.D.	30.1%	458,100	33.4%	30.7%	36.1%	153,000	31.8%
Some Post High School	35.1%	534,100	31.8%	29.2%	34.3%	169,600	35.3%
College Graduate	28.9%	439,500	28.3%	25.5%	31.0%	124,200	25.8%
Total, All Adults	100.0%	1,523,500	31.5%	30.1%	33.0%	480,500	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.

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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.