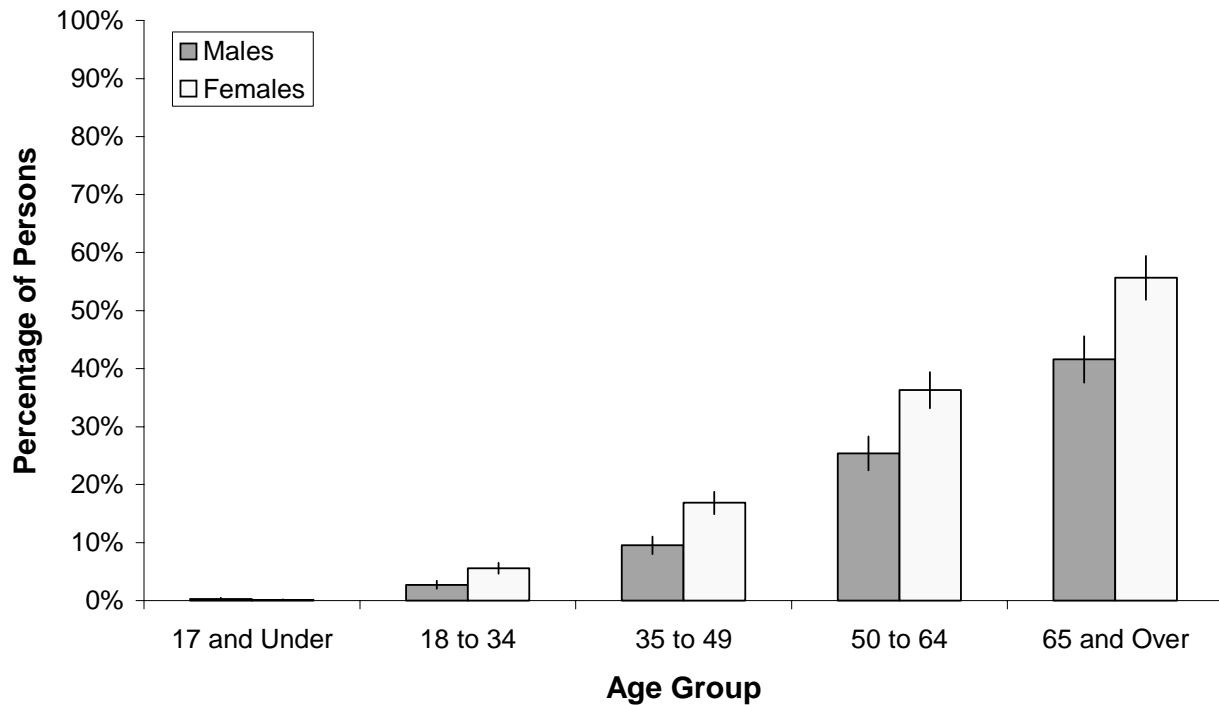




## Arthritis: Percentage of Persons Who Have Ever Been Diagnosed With Arthritis by Sex and Age, Utah 2001



- Arthritis is a disease that causes pain and loss of movement of the joints. The word arthritis literally means joint inflammation, and refers to more than 100 different diseases.
- Overall, almost 12% of Utahns (over 264,000 people) have been diagnosed with arthritis.
- The likelihood of having the disease increased steadily with age and was more common for females in almost every age group.
- The striking difference in arthritis prevalence across local health districts was likely related to population age. Summit County and Utah County Health Districts have the lowest arthritis prevalence, and also the smallest proportions of residents age 65 and over.

# Chronic Medical Conditions



**Table 12. Arthritis: Percentage of Persons Who Have Ever Been Diagnosed With Arthritis by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Have Ever Been Diagnosed With Arthritis		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Who Have Arthritis <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Have Arthritis by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	11.5% ± 0.6%	264,400	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	8.7% ± 0.6%	100,200	37.9%
Female	49.9%	1,145,086	14.3% ± 0.8%	164,200	62.1%
Total, All Utahns	100.0%	2,295,967	11.5% ± 0.6%	264,400	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	0.2% ± 0.1%	1,500	0.6%
18 to 34	29.1%	669,170	4.2% ± 0.6%	27,800	10.5%
35 to 49	19.2%	439,986	13.2% ± 1.3%	58,000	21.9%
50 to 64	11.4%	262,021	30.9% ± 2.2%	81,100	30.7%
65 and Over	8.5%	194,373	49.4% ± 3.0%	96,000	36.3%
Total, All Utahns	100.0%	2,295,967	11.5% ± 0.6%	264,400	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	0.3% ± 0.2%	1,200	0.5%
Males, 18 to 34	14.7%	338,358	2.7% ± 0.7%	9,300	3.5%
Males, 35 to 49	9.7%	222,338	9.5% ± 1.5%	21,200	8.0%
Males 50 to 64	5.6%	129,263	25.4% ± 2.9%	32,800	12.4%
Males, 65 and Over	3.7%	85,161	41.6% ± 4.0%	35,400	13.4%
Females, 17 and Under	15.4%	354,656	0.1% ± 0.1%	400	0.2%
Females, 18 to 34	14.4%	330,812	5.6% ± 1.0%	18,500	7.0%
Females, 35 to 49	9.5%	217,648	16.9% ± 1.9%	36,700	13.9%
Females 50 to 64	5.8%	132,758	36.3% ± 3.1%	48,200	18.2%
Females, 65 and Over	4.8%	109,212	55.6% ± 3.8%	60,800	23.0%
Total, All Utahns	100.0%	2,295,967	11.5% ± 0.6%	264,400	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	10.9% ± 1.6%	15,000	5.7%
Central	2.9%	67,207	13.4% ± 2.0%	9,000	3.4%
Davis	10.7%	244,844	10.6% ± 1.8%	26,000	9.8%
Salt Lake	40.0%	918,279	11.5% ± 1.0%	105,300	39.9%
Southeastern	2.3%	52,817	15.4% ± 2.3%	8,100	3.1%
Southwest	6.4%	147,370	15.2% ± 2.2%	22,400	8.5%
Summit	1.4%	31,279	8.5% ± 1.5%	2,700	1.0%
Tooele	1.9%	44,430	10.0% ± 1.5%	4,400	1.7%
TriCounty	1.8%	41,640	14.2% ± 1.9%	5,900	2.2%
Utah County	16.8%	385,690	8.5% ± 1.2%	32,900	12.5%
Wasatch	0.7%	15,947	11.1% ± 1.9%	1,800	0.7%
Weber-Morgan	9.1%	207,864	14.7% ± 2.4%	30,500	11.6%
Total, All Utahns	100.0%	2,295,967	11.5% ± 0.6%	264,400	100.0%

1 Population estimates are based on Utah Process Economic and Demographic (UPED) model published in January 2002 by the Utah Governor's Office of Planning and Budget.

2 Plus or minus 95% confidence interval.

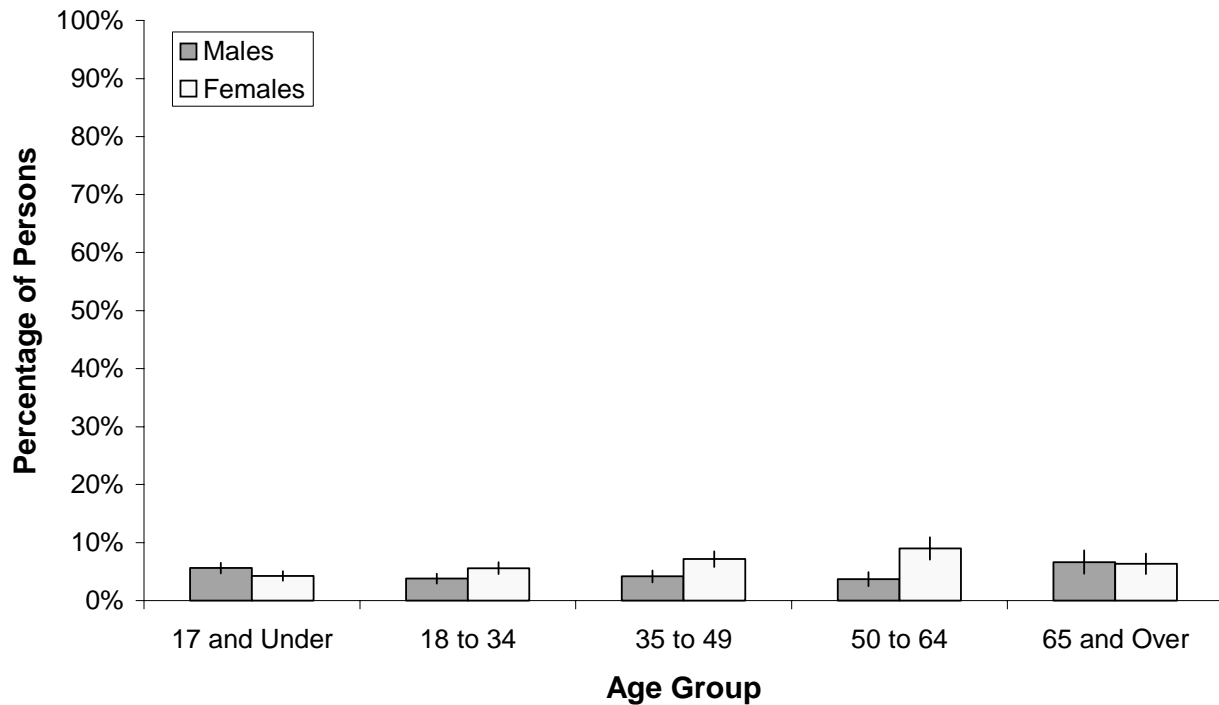
3 Rounded to the nearest 100 persons.

4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

5 These rates have not been age-adjusted. Age-adjusted rates are available upon request.



Asthma: Percentage of Persons Currently Under Medical Care for Asthma by Sex and Age, Utah 2001



- Asthma is a chronic inflammatory disorder of the airways within the lungs that affects over 14 million people in the United States.
- At the time of the survey, just over 5% of Utahns, or 120,900 people, were being treated for asthma.
- The likelihood of having asthma was slightly more common for women than for men (6% versus 5%, respectively), but varied with age.
- Asthma risk increased slightly with age, and was similar across health districts.

# Chronic Medical Conditions



**Table 13. Asthma: Percentage of Persons Currently Under Medical Care for Asthma by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Currently Under Medical Care for Asthma		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Currently Under Care for Asthma <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Currently Under Care for Asthma by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	5.3% ± 0.4%	120,900	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	4.6% ± 0.5%	53,400	44.2%
Female	49.9%	1,145,086	5.9% ± 0.6%	67,500	55.8%
Total, All Utahns	100.0%	2,295,967	5.3% ± 0.4%	120,900	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	5.0% ± 0.7%	36,300	29.8%
18 to 34	29.1%	669,170	4.7% ± 0.7%	31,400	25.7%
35 to 49	19.2%	439,986	5.7% ± 0.9%	24,900	20.4%
50 to 64	11.4%	262,021	6.4% ± 1.1%	16,800	13.8%
65 and Over	8.5%	194,373	6.5% ± 1.4%	12,600	10.3%
Total, All Utahns	100.0%	2,295,967	5.3% ± 0.4%	120,900	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	5.6% ± 0.9%	21,200	17.4%
Males, 18 to 34	14.7%	338,358	3.8% ± 0.9%	12,800	10.5%
Males, 35 to 49	9.7%	222,338	4.2% ± 1.1%	9,300	7.6%
Males 50 to 64	5.6%	129,263	3.7% ± 1.2%	4,800	3.9%
Males, 65 and Over	3.7%	85,161	6.6% ± 2.0%	5,700	4.7%
Females, 17 and Under	15.4%	354,656	4.3% ± 0.8%	15,100	12.4%
Females, 18 to 34	14.4%	330,812	5.6% ± 1.0%	18,500	15.2%
Females, 35 to 49	9.5%	217,648	7.2% ± 1.4%	15,600	12.8%
Females 50 to 64	5.8%	132,758	9.0% ± 1.9%	12,000	9.8%
Females, 65 and Over	4.8%	109,212	6.4% ± 1.8%	7,000	5.7%
Total, All Utahns	100.0%	2,295,967	5.3% ± 0.4%	120,900	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	4.6% ± 1.1%	6,400	5.3%
Central	2.9%	67,207	5.1% ± 1.3%	3,500	2.9%
Davis	10.7%	244,844	5.1% ± 1.2%	12,500	10.3%
Salt Lake	40.0%	918,279	5.9% ± 0.8%	54,500	45.1%
Southeastern	2.3%	52,817	5.6% ± 1.4%	3,000	2.5%
Southwest	6.4%	147,370	5.2% ± 1.2%	7,600	6.3%
Summit	1.4%	31,279	5.3% ± 1.2%	1,700	1.4%
Tooele	1.9%	44,430	6.0% ± 1.2%	2,700	2.2%
TriCounty	1.8%	41,640	5.7% ± 1.2%	2,400	2.0%
Utah County	16.8%	385,690	4.2% ± 1.0%	16,300	13.5%
Wasatch	0.7%	15,947	5.1% ± 1.2%	800	0.7%
Weber-Morgan	9.1%	207,864	4.6% ± 1.2%	9,500	7.9%
Total, All Utahns	100.0%	2,295,967	5.3% ± 0.4%	120,900	100.0%

1 Population estimates are based on Utah Process Economic and Demographic (UPED) model published in January 2002 by the Utah Governor's Office of Planning and Budget.

2 Plus or minus 95% confidence interval.

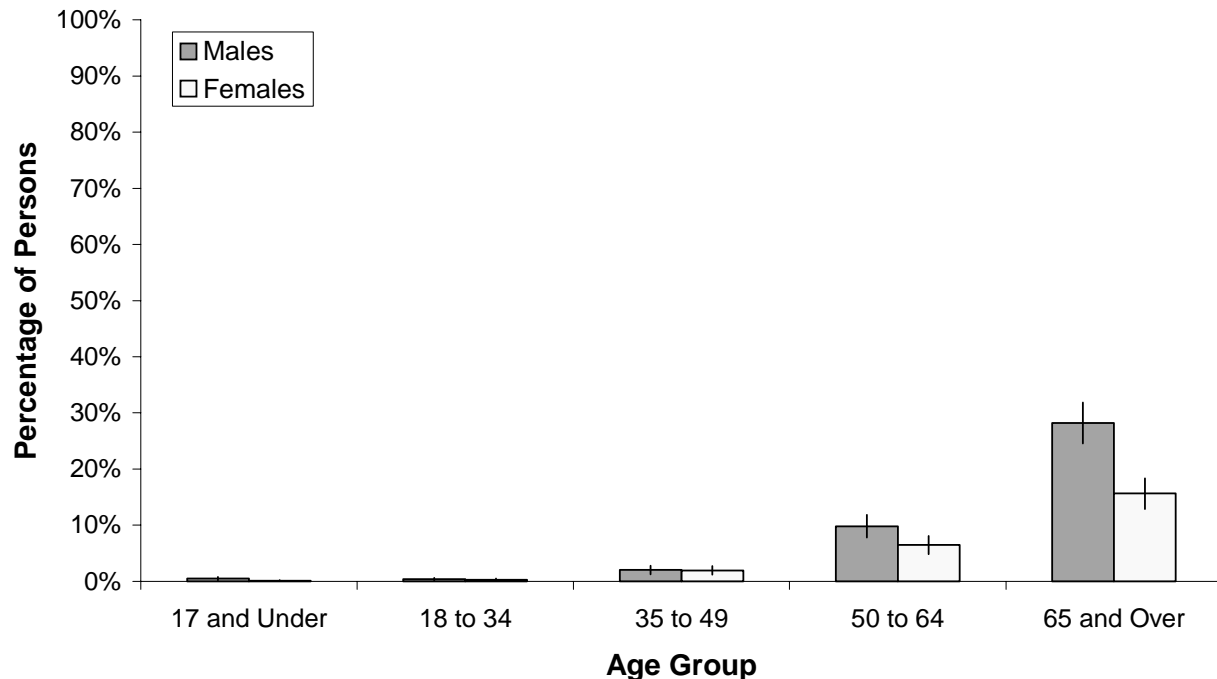
3 Rounded to the nearest 100 persons.

4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

5 These rates have not been age-adjusted. Age-adjusted rates are available upon request.



## Heart Disease: Percentage of Persons Who Had Been Diagnosed With Heart Disease by Sex and Age, Utah 2001



Heart disease includes angina, congestive heart failure, and heart attack

- Heart disease includes a variety of conditions, including history of heart attack, angina, and congestive heart failure, that inhibit the heart's ability to pump sufficient blood to the lungs and the rest of the body.
- Overall, 3% of Utahns (about 75,700 people) had been diagnosed with heart disease. In 1996, 2.7% of Utahns had been diagnosed, or about 54,200 people.
- In general, men were more likely to have been diagnosed with heart disease than women. Almost three in every ten men age 65 or over reported they had heart disease. Some suggest that men with heart disease are more likely to be accurately diagnosed and more aggressively treated than women with the disease.
- The likelihood of having heart disease increased dramatically with age for both men and women.
- The heart disease death rate has been declining for several years, while the incidence has not. The decline in the death rate is due primarily to improvements in treatment. As a result, more Utahns are currently living with heart disease each year.

# Chronic Medical Conditions



**Table 14. Heart Disease: Percentage of Persons Who Had Been Diagnosed With Heart Disease by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Had Heart Disease		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Who Had Heart Disease <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Had Heart Disease by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	3.3% ± 0.3%	75,700	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	3.9% ± 0.4%	44,700	59.0%
Female	49.9%	1,145,086	2.7% ± 0.4%	31,000	41.0%
Total, All Utahns	100.0%	2,295,967	3.3% ± 0.3%	75,700	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	0.3% ± 0.2%	2,200	2.9%
18 to 34	29.1%	669,170	0.3% ± 0.2%	2,100	2.8%
35 to 49	19.2%	439,986	2.0% ± 0.5%	8,800	11.6%
50 to 64	11.4%	262,021	8.1% ± 1.3%	21,300	28.1%
65 and Over	8.5%	194,373	21.2% ± 2.2%	41,300	54.6%
Total, All Utahns	100.0%	2,295,967	3.3% ± 0.3%	75,700	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	0.5% ± 0.3%	1,800	2.4%
Males, 18 to 34	14.7%	338,358	0.4% ± 0.2%	1,200	1.6%
Males, 35 to 49	9.7%	222,338	2.0% ± 0.8%	4,500	6.0%
Males 50 to 64	5.6%	129,263	9.8% ± 2.0%	12,700	16.8%
Males, 65 and Over	3.7%	85,161	28.2% ± 3.6%	24,000	31.8%
Females, 17 and Under	15.4%	354,656	0.1% ± 0.1%	400	0.5%
Females, 18 to 34	14.4%	330,812	0.3% ± 0.2%	900	1.2%
Females, 35 to 49	9.5%	217,648	2.0% ± 0.8%	4,300	5.7%
Females 50 to 64	5.8%	132,758	6.5% ± 1.7%	8,600	11.4%
Females, 65 and Over	4.8%	109,212	15.6% ± 2.7%	17,100	22.6%
Total, All Utahns	100.0%	2,295,967	3.3% ± 0.3%	75,700	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	2.7% ± 0.7%	3,700	4.9%
Central	2.9%	67,207	4.8% ± 1.2%	3,200	4.2%
Davis	10.7%	244,844	2.3% ± 0.8%	5,500	7.3%
Salt Lake	40.0%	918,279	3.5% ± 0.6%	31,900	42.2%
Southeastern	2.3%	52,817	3.7% ± 1.1%	2,000	2.6%
Southwest	6.4%	147,370	4.6% ± 1.2%	6,800	9.0%
Summit	1.4%	31,279	2.3% ± 0.8%	700	0.9%
Tooele	1.9%	44,430	2.9% ± 0.8%	1,300	1.7%
TriCounty	1.8%	41,640	4.1% ± 1.0%	1,700	2.2%
Utah County	16.8%	385,690	2.4% ± 0.6%	9,200	12.2%
Wasatch	0.7%	15,947	3.1% ± 0.9%	500	0.7%
Weber-Morgan	9.1%	207,864	4.4% ± 1.3%	9,100	12.0%
Total, All Utahns	100.0%	2,295,967	3.3% ± 0.3%	75,700	100.0%

1 Population estimates are based on Utah Process Economic and Demographic (UPED) model published in January 2002 by the Utah Governor's Office of Planning and Budget.

2 Plus or minus 95% confidence interval.

3 Rounded to the nearest 100 persons.

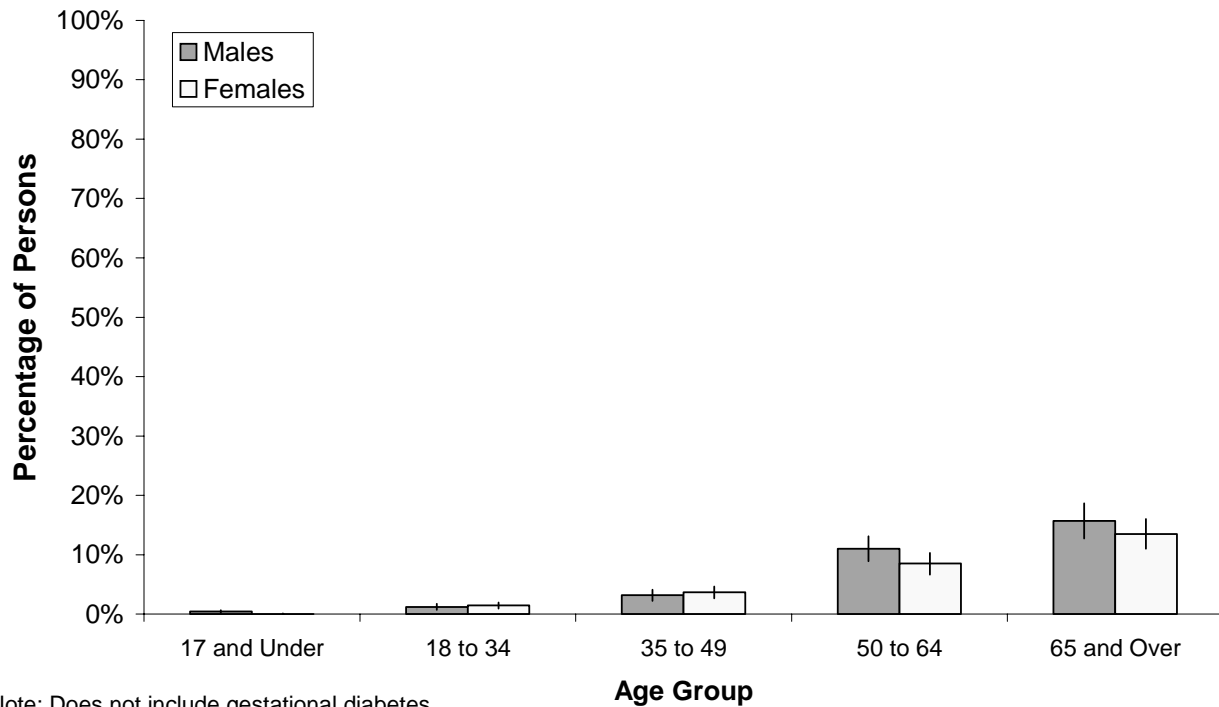
4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

5 These rates have not been age-adjusted. Age-adjusted rates are available upon request.

Note: Heart disease includes angina, congestive heart failure, and heart attack.



## Diabetes: Percentage of Persons Who Had Been Diagnosed With Diabetes by Sex and Age, Utah 2001



- Diabetes is a chronic disease in which the pancreas is unable to produce insulin, or the body is unable to use insulin effectively. Over 14 million Americans suffer from one form or another of this disease. The survey did not make a distinction between type 1 diabetes, which usually occurs among younger persons and requires insulin injection, and type 2 diabetes, which generally has a later onset, and is often treatable with diet and exercise. Women who were diagnosed with diabetes only during pregnancy (gestational diabetes) were not classified as having the disease.
- 3.5% of Utahns (79,800 people) had been diagnosed with diabetes at the time of the survey.
- The likelihood of having diabetes was similar for men and women overall, and it increased with age, although more so for men than for women.

# Chronic Medical Conditions



**Table 15. Diabetes: Percentage of Persons Who Had Been Diagnosed With Diabetes by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Had Diabetes		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Who Had Diabetes <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Had Diabetes by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	3.5% ± 0.3%	79,800	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	3.6% ± 0.4%	40,900	51.3%
Female	49.9%	1,145,086	3.4% ± 0.4%	38,900	48.7%
Total, All Utahns	100.0%	2,295,967	3.5% ± 0.3%	79,800	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	0.2% ± 0.1%	1,800	2.3%
18 to 34	29.1%	669,170	1.3% ± 0.3%	9,000	11.3%
35 to 49	19.2%	439,986	3.4% ± 0.7%	15,000	18.9%
50 to 64	11.4%	262,021	9.7% ± 1.4%	25,500	32.1%
65 and Over	8.5%	194,373	14.5% ± 1.9%	28,200	35.5%
Total, All Utahns	100.0%	2,295,967	3.5% ± 0.3%	79,800	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	0.4% ± 0.2%	1,600	2.0%
Males, 18 to 34	14.7%	338,358	1.2% ± 0.5%	4,200	5.3%
Males, 35 to 49	9.7%	222,338	3.2% ± 0.9%	7,000	8.8%
Males 50 to 64	5.6%	129,263	11.0% ± 2.1%	14,200	17.9%
Males, 65 and Over	3.7%	85,161	15.7% ± 3.0%	13,400	16.9%
Females, 17 and Under	15.4%	354,656	0.1% ± 0.1%	200	0.3%
Females, 18 to 34	14.4%	330,812	1.5% ± 0.5%	4,800	6.0%
Females, 35 to 49	9.5%	217,648	3.7% ± 1.0%	8,000	10.1%
Females 50 to 64	5.8%	132,758	8.5% ± 1.8%	11,300	14.2%
Females, 65 and Over	4.8%	109,212	13.5% ± 2.5%	14,800	18.6%
Total, All Utahns	100.0%	2,295,967	3.5% ± 0.3%	79,800	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	3.2% ± 0.8%	4,500	5.6%
Central	2.9%	67,207	4.3% ± 1.0%	2,900	3.6%
Davis	10.7%	244,844	2.7% ± 0.8%	6,600	8.3%
Salt Lake	40.0%	918,279	3.7% ± 0.6%	33,900	42.5%
Southeastern	2.3%	52,817	3.6% ± 1.0%	1,900	2.4%
Southwest	6.4%	147,370	4.4% ± 1.1%	6,500	8.1%
Summit	1.4%	31,279	2.0% ± 0.7%	600	0.8%
Tooele	1.9%	44,430	3.7% ± 0.9%	1,700	2.1%
TriCounty	1.8%	41,640	4.5% ± 1.0%	1,900	2.4%
Utah County	16.8%	385,690	2.8% ± 0.6%	10,800	13.5%
Wasatch	0.7%	15,947	2.6% ± 0.8%	400	0.5%
Weber-Morgan	9.1%	207,864	3.9% ± 1.1%	8,100	10.2%
Total, All Utahns	100.0%	2,295,967	3.5% ± 0.3%	79,800	100.0%

1 Population estimates are based on Utah Process Economic and Demographic (UPED) model published in January 2002 by the Utah Governor's Office of Planning and Budget.

2 Plus or minus 95% confidence interval.

3 Rounded to the nearest 100 persons.

4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

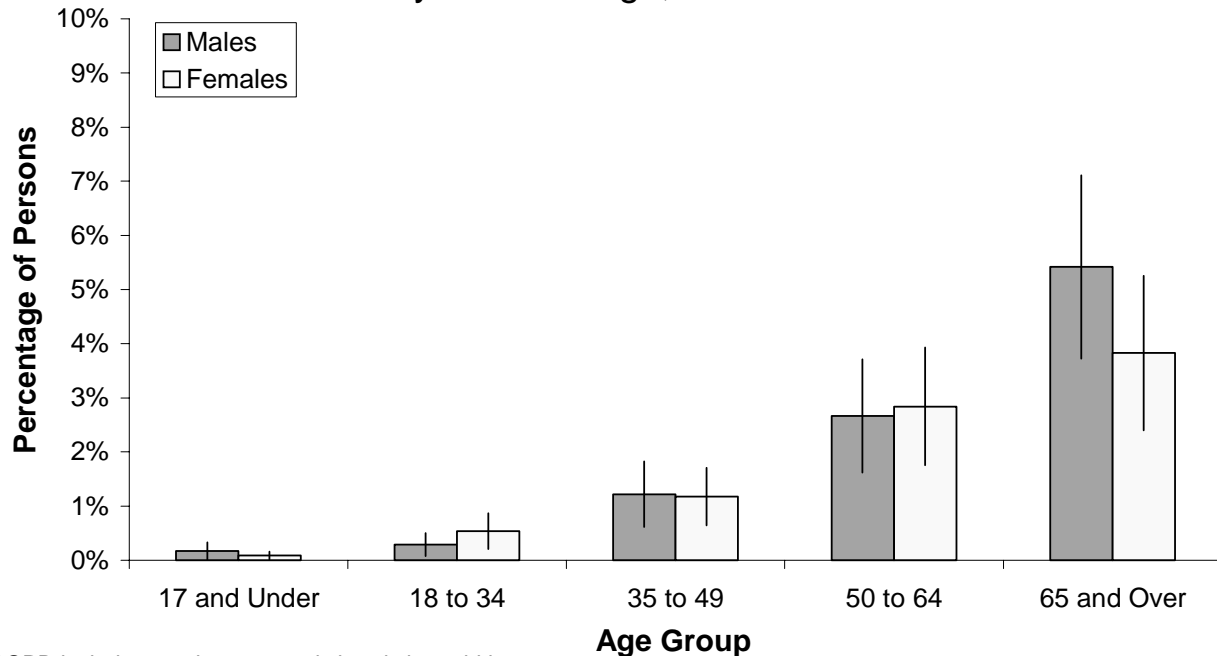
5 These rates have not been age-adjusted. Age-adjusted rates are available upon request.

Note: Does not include gestational diabetes.





Chronic Obstructive Pulmonary Disease: Percentage of Persons Currently Under Medical Care for Chronic Obstructive Pulmonary Disease (COPD) by Sex and Age, Utah 2001



COPD includes emphysema and chronic bronchitis

- COPD is the fifth leading cause of death in the U.S. Cigarette smoking is the most important risk factor for COPD, both in developing it to begin with and making it worse if COPD is present. Other risk factors include age, heredity, exposure to air pollution at work and in the environment, and a history of childhood respiratory infections. Living in low socioeconomic conditions also seems to be a contributing factor.
- An estimated 1% of all Utahns were under medical care for chronic obstructive pulmonary disease. This rate has remained constant since 1996, with the estimated number of persons under medical care for COPD rising from 19,500 to 25,000.
- Rates of COPD were the same for women and men in most age groups and increased dramatically with age, especially for men.

# Chronic Medical Conditions



**Table 16. Chronic Obstructive Pulmonary Disease: Percentage of Persons Currently Under Medical Care for Chronic Obstructive Pulmonary Disease (COPD) by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Had COPD		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Who Had COPD <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Had COPD by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	1.1% ± 0.2%	25,000	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	1.1% ± 0.2%	12,300	49.4%
Female	49.9%	1,145,086	1.1% ± 0.2%	12,600	50.6%
Total, All Utahns	100.0%	2,295,967	1.1% ± 0.2%	25,000	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	0.1% ± 0.1%	900	3.6%
18 to 34	29.1%	669,170	0.4% ± 0.2%	2,800	11.2%
35 to 49	19.2%	439,986	1.2% ± 0.4%	5,300	21.2%
50 to 64	11.4%	262,021	2.8% ± 0.8%	7,200	28.8%
65 and Over	8.5%	194,373	4.5% ± 1.1%	8,800	35.2%
Total, All Utahns	100.0%	2,295,967	1.1% ± 0.2%	25,000	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	0.2% ± 0.2%	600	2.4%
Males, 18 to 34	14.7%	338,358	0.3% ± 0.2%	1,000	4.0%
Males, 35 to 49	9.7%	222,338	1.2% ± 0.6%	2,700	10.8%
Males 50 to 64	5.6%	129,263	2.7% ± 1.0%	3,400	13.6%
Males, 65 and Over	3.7%	85,161	5.4% ± 1.7%	4,600	18.4%
Females, 17 and Under	15.4%	354,656	0.1% ± 0.1%	300	1.2%
Females, 18 to 34	14.4%	330,812	0.5% ± 0.3%	1,800	7.2%
Females, 35 to 49	9.5%	217,648	1.2% ± 0.5%	2,600	10.4%
Females 50 to 64	5.8%	132,758	2.8% ± 1.1%	3,800	15.2%
Females, 65 and Over	4.8%	109,212	3.8% ± 1.4%	4,200	16.8%
Total, All Utahns	100.0%	2,295,967	1.1% ± 0.2%	25,000	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	1.1% ± 0.6%	1,500	6.0%
Central	2.9%	67,207	1.9% ± 0.8%	1,300	5.2%
Davis	10.7%	244,844	0.6% ± 0.4%	1,500	6.0%
Salt Lake	40.0%	918,279	1.0% ± 0.3%	9,600	38.6%
Southeastern	2.3%	52,817	1.6% ± 0.6%	900	3.6%
Southwest	6.4%	147,370	2.0% ± 0.9%	2,900	11.6%
Summit	1.4%	31,279	0.6% ± 0.4%	200	0.8%
Tooele	1.9%	44,430	1.4% ± 0.5%	600	2.4%
TriCounty	1.8%	41,640	1.4% ± 0.5%	600	2.4%
Utah County	16.8%	385,690	0.9% ± 0.4%	3,300	13.3%
Wasatch	0.7%	15,947	1.0% ± 0.5%	200	0.8%
Weber-Morgan	9.1%	207,864	1.1% ± 0.6%	2,300	9.2%
Total, All Utahns	100.0%	2,295,967	1.1% ± 0.2%	25,000	100.0%

1 Population estimates are based on Utah Process Economic and Demographic (UPED) model published in January 2002 by the Utah Governor's Office of Planning and Budget.

2 Plus or minus 95% confidence interval.

3 Rounded to the nearest 100 persons.

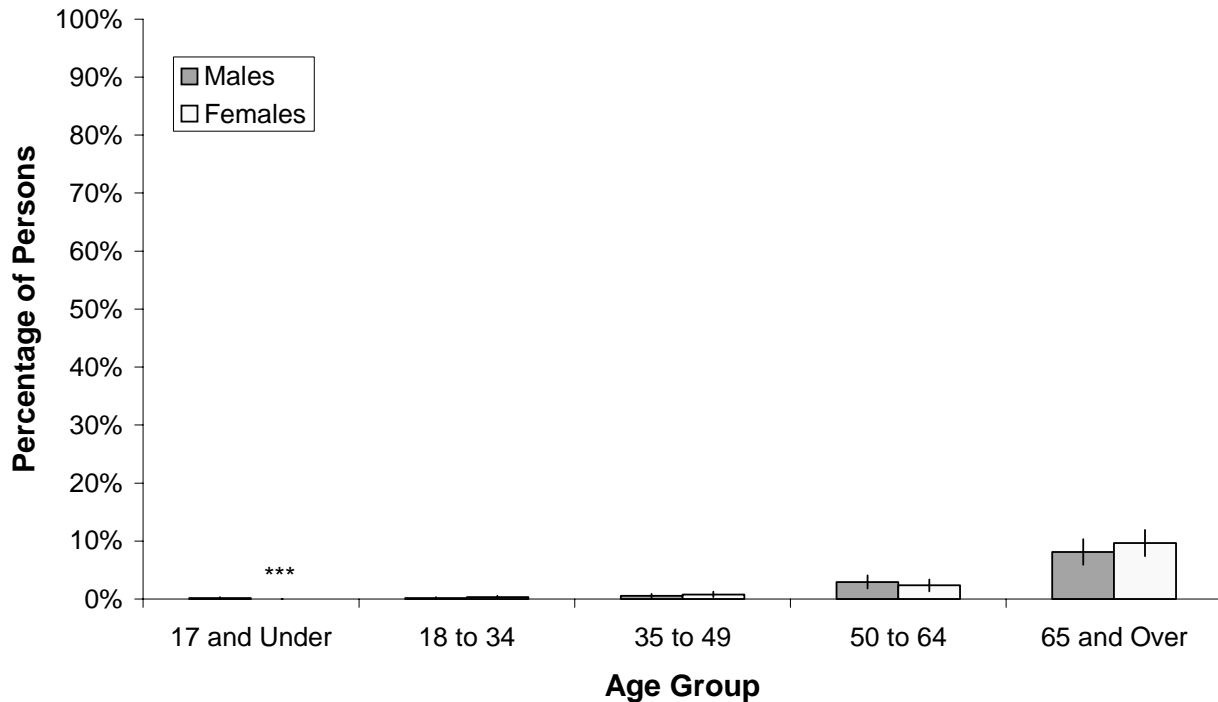
4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

5 These rates have not been age-adjusted. Age-adjusted rates are available upon request.

Note: COPD includes emphysema and chronic bronchitis.



## Stroke: Percentage of Persons Who Had Been Diagnosed as Having Had a Stroke by Sex and Age, Utah 2001



\*\*\* Insufficient sample size for calculation of population estimates

- A stroke, also known as cerebrovascular disease, results from the death of brain tissue and is typically caused by oxygen deprivation that results from a blockage of blood supply, but can also result from cerebral hemorrhage. Uncontrollable risk factors include advanced age, family history of diabetes, and family history of stroke. Controllable risk factors include high blood pressure, high cholesterol, smoking, drinking too much, obesity, and physical inactivity.
- The percentage of Utahns who have suffered a stroke was estimated at just over 1% (about 29,500 persons).
- Stroke prevalence rates were similar for men and women, and increased dramatically after age 64 for both men and women alike.
- While Utahns are healthier in many respects, a Utahn's stroke risk is roughly the same as a U.S. resident of similar age.

# Chronic Medical Conditions



**Table 17. Stroke: Percentage of Persons Who Had Been Diagnosed as Having Had a Stroke by Sex, Age, and Local Health District, Utah 2001.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Had a Stroke		
	Percentage Distribution	Number of Persons <sup>1</sup>	Percentage of Persons Who Had a Stroke <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Had a Stroke by Subgroup <sup>4</sup>
2001 Utah Population	100.0%	2,295,967	1.3% ± 0.2%	29,500	100.0%
<b>Sex</b>					
Male	50.1%	1,150,881	1.1% ± 0.2%	13,200	44.7%
Female	49.9%	1,145,086	1.4% ± 0.3%	16,300	55.3%
Total, All Utahns	100.0%	2,295,967	1.3% ± 0.2%	29,500	100.0%
<b>Age Group</b>					
17 and Under	31.8%	730,417	0.1% ± 0.1%	700	2.4%
18 to 34	29.1%	669,170	0.2% ± 0.2%	1,600	5.4%
35 to 49	19.2%	439,986	0.7% ± 0.3%	2,900	9.8%
50 to 64	11.4%	262,021	2.7% ± 0.8%	7,000	23.6%
65 and Over	8.5%	194,373	9.0% ± 1.6%	17,400	58.8%
Total, All Utahns	100.0%	2,295,967	1.3% ± 0.2%	29,500	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.4%	375,761	0.2% ± 0.2%	700	2.4%
Males, 18 to 34	14.7%	338,358	0.2% ± 0.2%	500	1.7%
Males, 35 to 49	9.7%	222,338	0.5% ± 0.4%	1,200	4.1%
Males 50 to 64	5.6%	129,263	3.0% ± 1.1%	3,800	12.9%
Males, 65 and Over	3.7%	85,161	8.1% ± 2.2%	6,900	23.5%
Females, 17 and Under	15.4%	354,656	*** ± ***	***	***
Females, 18 to 34	14.4%	330,812	0.3% ± 0.2%	1,000	3.4%
Females, 35 to 49	9.5%	217,648	0.8% ± 0.5%	1,700	5.8%
Females 50 to 64	5.8%	132,758	2.4% ± 1.0%	3,100	10.5%
Females, 65 and Over	4.8%	109,212	9.6% ± 2.3%	10,500	35.7%
Total, All Utahns	100.0%	2,295,967	1.3% ± 0.2%	29,500	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.0%	138,600	0.9% ± 0.4%	1,300	4.4%
Central	2.9%	67,207	1.6% ± 0.7%	1,100	3.7%
Davis	10.7%	244,844	0.9% ± 0.5%	2,100	7.1%
Salt Lake	40.0%	918,279	1.5% ± 0.4%	14,000	47.6%
Southeastern	2.3%	52,817	1.6% ± 0.6%	800	2.7%
Southwest	6.4%	147,370	2.1% ± 0.8%	3,100	10.5%
Summit	1.4%	31,279	0.9% ± 0.5%	300	1.0%
Tooele	1.9%	44,430	1.6% ± 0.6%	700	2.4%
TriCounty	1.8%	41,640	1.7% ± 0.6%	700	2.4%
Utah County	16.8%	385,690	0.9% ± 0.3%	3,300	11.2%
Wasatch	0.7%	15,947	0.6% ± 0.4%	100	0.3%
Weber-Morgan	9.1%	207,864	0.9% ± 0.5%	1,900	6.5%
Total, All Utahns	100.0%	2,295,967	1.3% ± 0.2%	29,500	100.0%

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\*\*\* Insufficient sample size for calculation of population estimates.