



Figure 10.1 Percentage of Persons Who Have Ever Been Diagnosed With Arthritis, Utah, 2001 and 2003

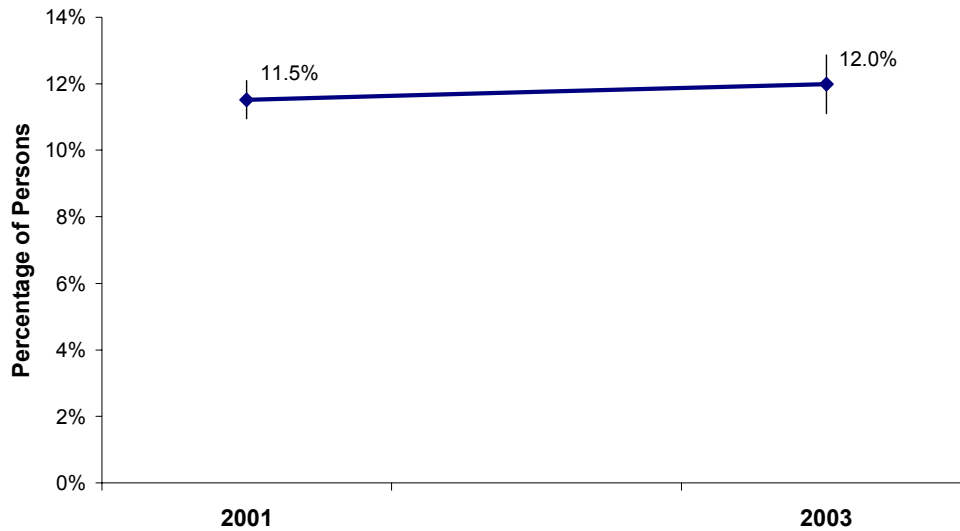
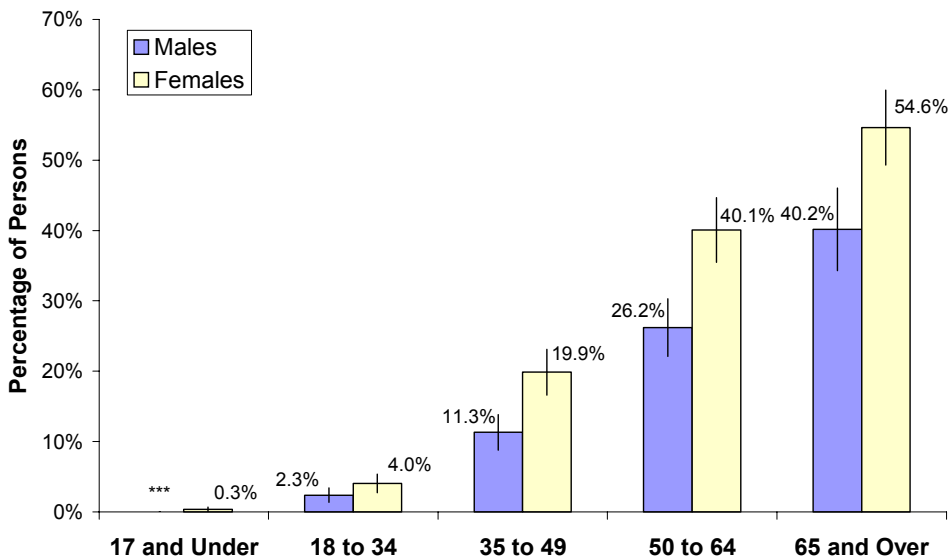


Figure 10.1 Percentage of Persons Who Have Ever Been Diagnosed With Arthritis by Age and Sex, Utah, 2003



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

- For those aged 35 and over, women were significantly more likely than men to have been diagnosed with arthritis.
- Over half of women aged 65 years and over had been diagnosed with arthritis.



**Table 10. Arthritis: Percentage of Persons Who Have Ever Been Diagnosed With Arthritis by Selected Demographic Characteristics, Utah Residents, 2003.**

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>
2003 Utah Population	100.0%	2,354,775	12.0% ± 0.9%	282,300	100.0%
<b>Sex</b>					
Male	50.2%	1,181,516	9.0% ± 1.0%	106,900	37.9%
Female	49.8%	1,173,259	14.9% ± 1.3%	175,200	62.1%
Total, All Utahns	100.0%	2,354,775	12.0% ± 0.9%	282,300	100.0%
<b>Age Group</b>					
17 and Under	31.5%	742,867	0.2% ± 0.2%	1,700	0.6%
18 to 34	29.1%	685,764	3.2% ± 0.8%	21,800	7.7%
35 to 49	18.8%	442,006	15.6% ± 2.1%	68,800	24.4%
50 to 64	12.1%	285,779	33.3% ± 3.2%	95,100	33.7%
65 and Over	8.4%	198,359	48.0% ± 4.1%	95,100	33.7%
Total, All Utahns	100.0%	2,354,775	12.0% ± 0.9%	282,300	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.2%	381,882	*** ± ***	***	***
Males, 18 to 34	14.7%	347,144	2.3% ± 1.0%	8,100	2.9%
Males, 35 to 49	9.5%	223,919	11.3% ± 2.5%	25,300	9.0%
Males 50 to 64	6.0%	141,427	26.2% ± 4.1%	37,000	13.1%
Males, 65 and Over	3.7%	87,144	40.2% ± 5.9%	35,000	12.4%
Females, 17 and Under	15.3%	360,985	0.3% ± 0.3%	1,200	0.4%
Females, 18 to 34	14.4%	338,620	4.0% ± 1.3%	13,600	4.8%
Females, 35 to 49	9.3%	218,087	19.9% ± 3.3%	43,300	15.3%
Females 50 to 64	6.1%	144,352	40.1% ± 4.6%	57,800	20.5%
Females, 65 and Over	4.7%	111,215	54.6% ± 5.3%	60,800	21.5%
Total, All Utahns	100.0%	2,354,775	12.0% ± 0.9%	282,300	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.1%	143,593	9.8% ± 2.5%	14,000	5.0%
Central	2.9%	69,140	12.0% ± 2.7%	8,300	2.9%
Davis	10.7%	252,521	12.1% ± 3.2%	30,500	10.8%
Salt Lake	39.6%	932,365	12.2% ± 1.6%	114,000	40.4%
Southeastern	2.3%	53,675	16.9% ± 3.5%	9,100	3.2%
Southwest	6.5%	154,152	15.7% ± 3.5%	24,200	8.6%
Summit	1.4%	32,831	10.7% ± 2.9%	3,500	1.2%
Tooele	2.0%	46,815	10.1% ± 2.4%	4,800	1.7%
TriCounty	1.8%	42,241	11.7% ± 2.7%	5,000	1.8%
Utah County	17.0%	400,670	9.8% ± 1.7%	39,200	13.9%
Wasatch	0.7%	17,179	12.4% ± 2.8%	2,100	0.7%
Weber-Morgan	8.9%	209,593	13.1% ± 3.2%	27,600	9.8%
Total, All Utahns	100.0%	2,354,775	12.0% ± 0.9%	282,300	100.0%
<b>Annual Household Income</b>					
Under \$20,000	9.9%	232,800	19.4% ± 3.8%	45,100	16.5%
\$20,000 to <\$45,000	30.7%	722,400	12.8% ± 1.7%	92,500	33.8%
\$45,000 to <\$65,000	23.5%	552,500	11.3% ± 1.9%	62,200	22.7%
\$65,000 and Over	36.0%	847,100	8.7% ± 1.3%	73,800	27.0%
Total, All Utahns	100.0%	2,354,800	12.0% ± 0.9%	282,300	100.0%
<b>Health Insurance Coverage</b>					
Insured	90.9%	2,140,300	12.7% ± 1.0%	271,800	94.2%
Uninsured	9.1%	214,500	7.7% ± 2.4%	16,600	5.8%
Total, All Utahns	100.0%	2,354,800	12.0% ± 0.9%	282,300	100.0%

1 Population estimates of sex, age groups, and LHD based on 2003 Baseline Projections, Governor's Office of Planning and Budget, UPED Model System; all others based on the 2003 UHSS and rounded to the nearest 100 persons.

2 Plus or minus 95% confidence interval.

3 Rounded to the nearest 100 persons.

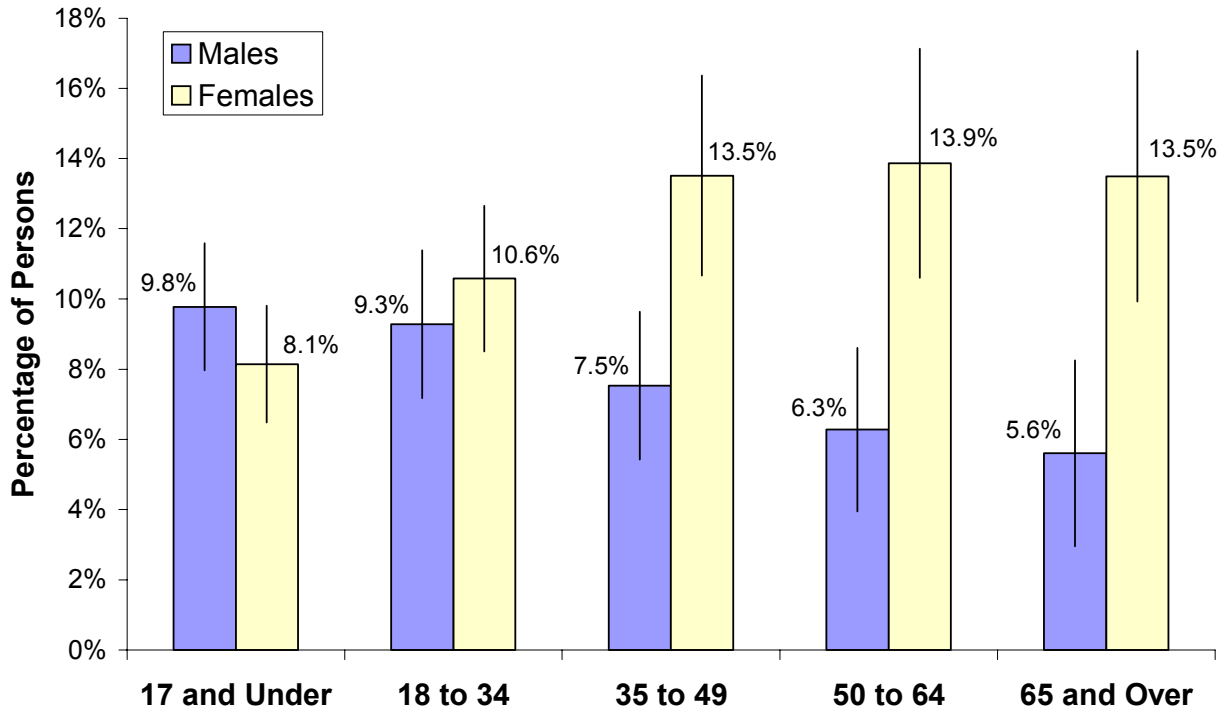
4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

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

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



Figure 11.1 Percentage of Persons Who Had Ever Been Diagnosed With Asthma by Age and Sex, Utah, 2003



- In 2003, nearly one in ten Utahns, or almost 230,000 individuals, reported ever being diagnosed with asthma.
- Starting at age 35, the percentage of women who reported they had been diagnosed with asthma was nearly twice that reported by men.



**Table 11. Asthma: Percentage of Persons Who Had Ever Been Diagnosed With Asthma by Selected Demographic Characteristics, Utah Residents, 2003.**

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns Who Had Ever Been Told That They Had Asthma		
	Percentage Distribution	Number of Persons <sup>1</sup>	Persons Who Had Ever Been Told That They Had Asthma <sup>2</sup>	Number of Persons <sup>3,4</sup>	Percentage Distribution of Persons Who Had Ever Been Diagnosed With Asthma by Subgroup <sup>4</sup>
2003 Utah Population	100.0%	2,354,775	9.8% ± 0.8%	229,600	100.0%
<b>Sex</b>					
Male	50.2%	1,181,516	8.4% ± 1.0%	99,400	43.3%
Female	49.8%	1,173,259	11.1% ± 1.1%	130,200	56.7%
Total, All Utahns	100.0%	2,354,775	9.8% ± 0.8%	229,600	100.0%
<b>Age Group</b>					
17 and Under	31.5%	742,867	9.0% ± 1.3%	66,700	29.0%
18 to 34	29.1%	685,764	9.9% ± 1.5%	68,000	29.6%
35 to 49	18.8%	442,006	10.5% ± 1.8%	46,500	20.2%
50 to 64	12.1%	285,779	10.2% ± 2.0%	29,000	12.6%
65 and Over	8.4%	198,359	9.9% ± 2.4%	19,600	8.5%
Total, All Utahns	100.0%	2,354,775	9.8% ± 0.8%	229,600	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.2%	381,882	9.8% ± 1.8%	37,300	16.2%
Males, 18 to 34	14.7%	347,144	9.3% ± 2.1%	32,200	14.0%
Males, 35 to 49	9.5%	223,919	7.5% ± 2.1%	16,900	7.4%
Males 50 to 64	6.0%	141,427	6.3% ± 2.3%	8,900	3.9%
Males, 65 and Over	3.7%	87,144	5.6% ± 2.6%	4,900	2.1%
Females, 17 and Under	15.3%	360,985	8.1% ± 1.7%	29,400	12.8%
Females, 18 to 34	14.4%	338,620	10.6% ± 2.1%	35,800	15.6%
Females, 35 to 49	9.3%	218,087	13.5% ± 2.9%	29,500	12.8%
Females 50 to 64	6.1%	144,352	13.9% ± 3.3%	20,000	8.7%
Females, 65 and Over	4.7%	111,215	13.5% ± 3.6%	15,000	6.5%
Total, All Utahns	100.0%	2,354,775	9.8% ± 0.8%	229,600	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.1%	143,593	9.7% ± 2.4%	13,900	6.1%
Central	2.9%	69,140	9.2% ± 2.8%	6,400	2.8%
Davis	10.7%	252,521	7.3% ± 2.3%	18,400	8.0%
Salt Lake	39.6%	932,365	10.9% ± 1.5%	101,500	44.2%
Southeastern	2.3%	53,675	7.9% ± 2.3%	4,300	1.9%
Southwest	6.5%	154,152	8.5% ± 2.7%	13,100	5.7%
Summit	1.4%	32,831	10.4% ± 3.7%	3,400	1.5%
Tooele	2.0%	46,815	12.4% ± 2.7%	5,800	2.5%
TriCounty	1.8%	42,241	8.5% ± 2.3%	3,600	1.6%
Utah County	17.0%	400,670	8.9% ± 1.9%	35,700	15.5%
Wasatch	0.7%	17,179	6.8% ± 2.1%	1,200	0.5%
Weber-Morgan	8.9%	209,593	10.7% ± 3.1%	22,400	9.8%
Total, All Utahns	100.0%	2,354,775	9.8% ± 0.8%	229,600	100.0%
<b>Annual Household Income</b>					
Under \$20,000	9.9%	232,800	11.6% ± 2.9%	27,100	11.5%
\$20,000 to <\$45,000	30.7%	722,400	10.6% ± 1.6%	76,600	32.5%
\$45,000 to <\$65,000	23.5%	552,500	10.4% ± 2.0%	57,300	24.3%
\$65,000 and Over	36.0%	847,100	8.8% ± 1.4%	74,800	31.7%
Total, All Utahns	100.0%	2,354,800	9.8% ± 0.8%	229,600	100.0%
<b>Health Insurance Coverage</b>					
Insured	90.9%	2,140,300	9.7% ± 0.8%	206,800	89.7%
Uninsured	9.1%	214,500	11.1% ± 3.1%	23,800	10.3%
Total, All Utahns	100.0%	2,354,800	9.8% ± 0.8%	229,600	100.0%

<sup>1</sup> Population estimates of sex, age groups, and LHD based on 2003 Baseline Projections, Governor's Office of Planning and Budget, UPED Model System; all others based on the 2003 UHSS and rounded to the nearest 100 persons.

<sup>2</sup> Plus or minus 95% confidence interval.

<sup>3</sup> Rounded to the nearest 100 persons.

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

<sup>5</sup> These rates have not been age-adjusted. Age-adjusted rates are available upon request.



Figure 12.1 Percentage of Persons Who Had Been Diagnosed With Diabetes, Utah, 1996, 2001, and 2003

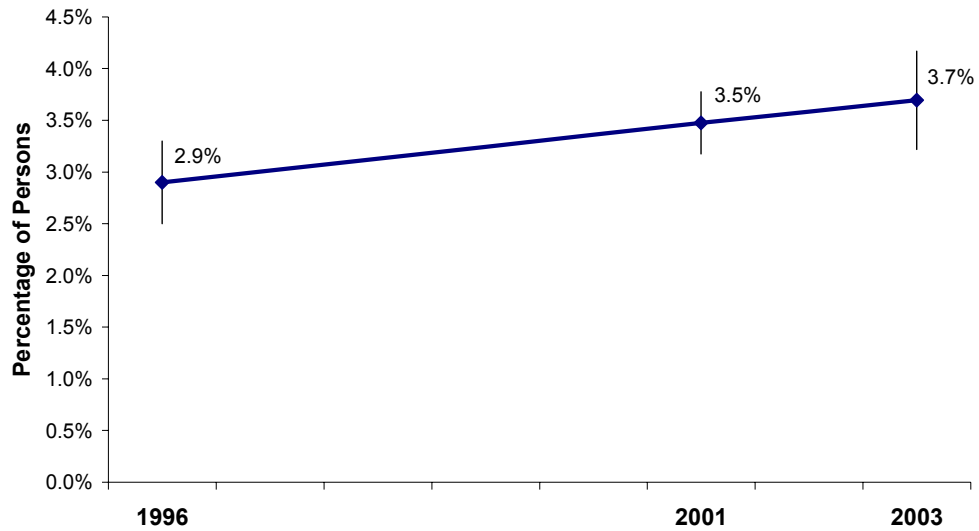
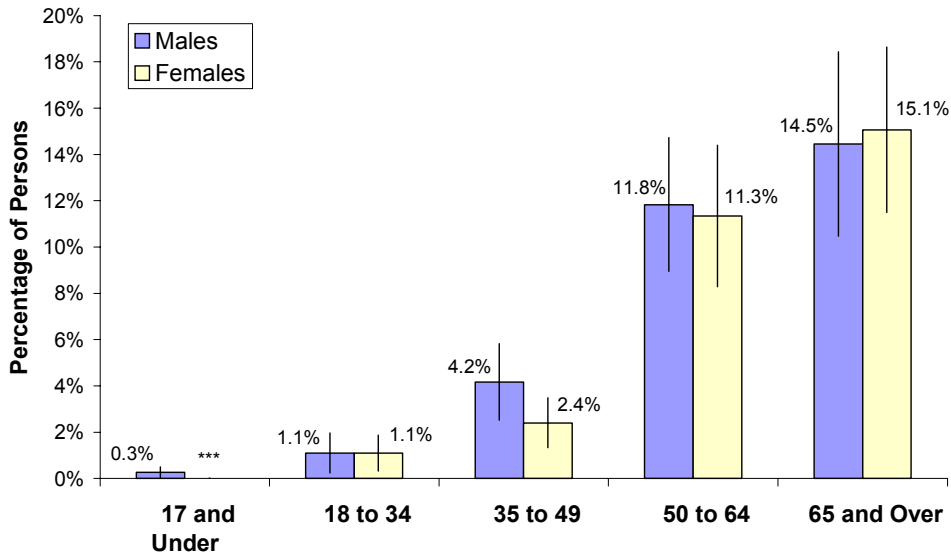


Figure 12.2 Percentage of Persons Who Had Been Diagnosed With Diabetes by Age and Sex, Utah, 2003



Note: Does not include gestational diabetes.  
 \*\*\* Insufficient sample size for calculation of population estimates.

- Diabetes prevalence has shown a steady increase from 1996 to 2003. Men were slightly more likely than women to be diagnosed with diabetes for those aged 35 to 49 and 50 to 64. However, for those aged 65 and over, women were more likely to be diagnosed with diabetes.
- As age increased, so did the incidence of diabetes.



**Table 12. Diabetes: Percentage of Persons Who Had Been Diagnosed With Diabetes by Selected Demographic Characteristics, Utah Residents, 2003.**

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>
2003 Utah Population	100.0%	2,354,775	3.7% ± 0.5%	87,000	100.0%
Sex					
Male	50.2%	1,181,516	3.7% ± 0.6%	44,000	50.6%
Female	49.8%	1,173,259	3.7% ± 0.6%	43,000	49.4%
Total, All Utahns	100.0%	2,354,775	3.7% ± 0.5%	87,000	100.0%
Age Group					
17 and Under	31.5%	742,867	0.3% ± 0.2%	2,100	2.4%
18 to 34	29.1%	685,764	1.1% ± 0.6%	7,500	8.7%
35 to 49	18.8%	442,006	3.3% ± 1.0%	14,500	16.8%
50 to 64	12.1%	285,779	11.6% ± 2.1%	33,100	38.3%
65 and Over	8.4%	198,359	14.8% ± 2.8%	29,300	33.9%
Total, All Utahns	100.0%	2,354,775	3.7% ± 0.5%	87,000	100.0%
Sex and Age					
Males, 17 and Under	16.2%	381,882	0.3% ± 0.2%	1,000	1.2%
Males, 18 to 34	14.7%	347,144	1.1% ± 0.9%	3,800	4.4%
Males, 35 to 49	9.5%	223,919	4.2% ± 1.7%	9,300	10.7%
Males 50 to 64	6.0%	141,427	11.8% ± 2.9%	16,700	19.3%
Males, 65 and Over	3.7%	87,144	14.5% ± 4.0%	12,600	14.5%
Females, 17 and Under	15.3%	360,985	*** ± ***	***	***
Females, 18 to 34	14.4%	338,620	1.1% ± 0.8%	3,700	4.3%
Females, 35 to 49	9.3%	218,087	2.4% ± 1.1%	5,200	6.0%
Females 50 to 64	6.1%	144,352	11.3% ± 3.1%	16,400	18.9%
Females, 65 and Over	4.7%	111,215	15.1% ± 3.6%	16,800	19.4%
Total, All Utahns	100.0%	2,354,775	3.7% ± 0.5%	87,000	100.0%
Local Health District <sup>5</sup>					
Bear River	6.1%	143,593	4.0% ± 1.5%	5,700	6.5%
Central	2.9%	69,140	5.1% ± 1.8%	3,600	4.1%
Davis	10.7%	252,521	4.4% ± 1.6%	11,100	12.7%
Salt Lake	39.6%	932,365	3.4% ± 0.9%	31,300	35.9%
Southeastern	2.3%	53,675	4.1% ± 1.7%	2,200	2.5%
Southwest	6.5%	154,152	4.2% ± 2.0%	6,400	7.3%
Summit	1.4%	32,831	2.1% ± 1.3%	700	0.8%
Tooele	2.0%	46,815	4.7% ± 1.5%	2,200	2.5%
TriCounty	1.8%	42,241	4.9% ± 1.8%	2,100	2.4%
Utah County	17.0%	400,670	3.2% ± 0.9%	12,800	14.7%
Wasatch	0.7%	17,179	2.1% ± 1.1%	400	0.5%
Weber-Morgan	8.9%	209,593	4.2% ± 1.7%	8,700	10.0%
Total, All Utahns	100.0%	2,354,775	3.7% ± 0.5%	87,000	100.0%
Annual Household Income					
Under \$20,000	9.9%	232,800	5.5% ± 1.9%	12,700	15.4%
\$20,000 to <\$45,000	30.7%	722,400	4.2% ± 1.0%	30,500	36.9%
\$45,000 to <\$65,000	23.5%	552,500	3.0% ± 0.9%	16,600	20.1%
\$65,000 and Over	36.0%	847,100	2.7% ± 0.7%	22,800	27.6%
Total, All Utahns	100.0%	2,354,800	3.7% ± 0.5%	87,000	100.0%
Health Insurance Coverage					
Insured	90.9%	2,140,300	3.8% ± 0.5%	81,100	93.4%
Uninsured	9.1%	214,500	2.7% ± 1.3%	5,700	6.6%
Total, All Utahns	100.0%	2,354,800	3.7% ± 0.5%	87,000	100.0%

1 Population estimates of sex, age groups, and LHD based on 2003 Baseline Projections, Governor's Office of Planning and Budget, UPED Model System; all others based on the 2003 UHSS and rounded to the nearest 100 persons.

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.

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



Figure 13.1 Percentage of Persons Currently Under Medical Care for Chronic Obstructive Pulmonary Disease (COPD), Utah, 1996, 2001, and 2003

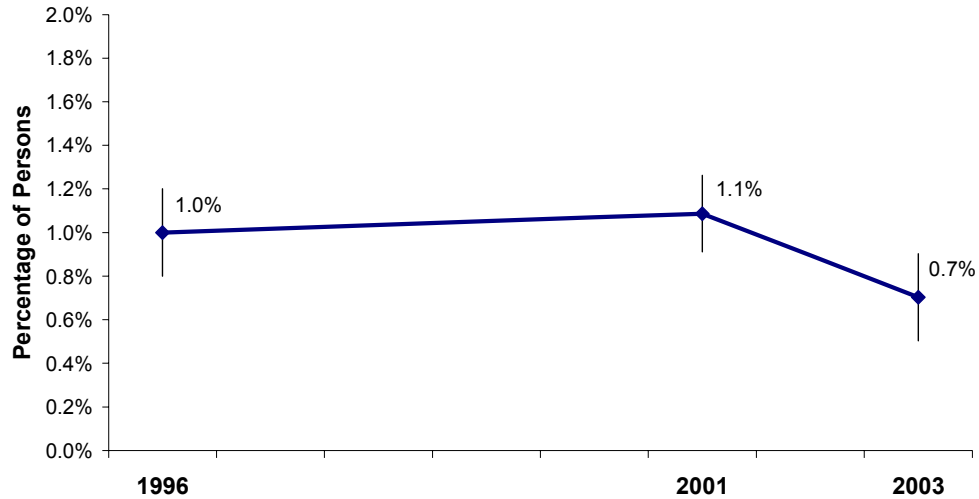
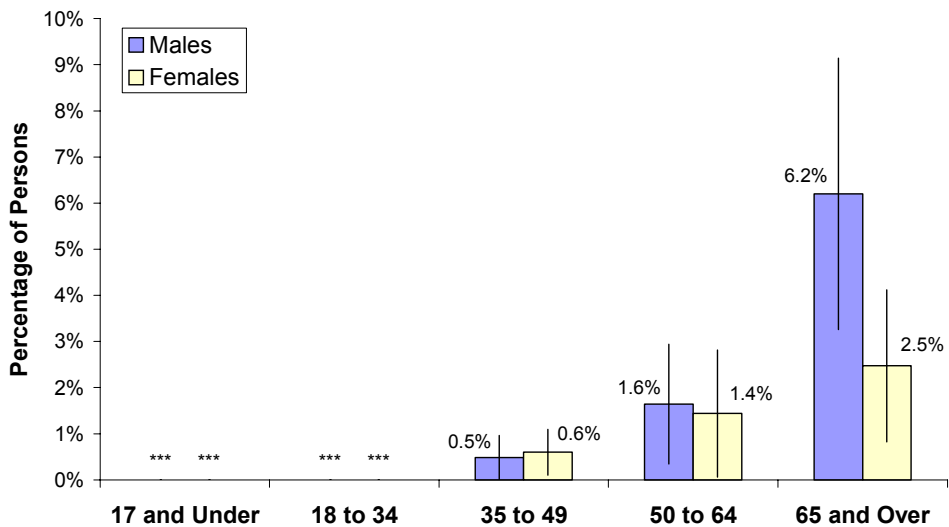


Figure 13.2 Percentage of Persons Currently Under Medical Care for Chronic Obstructive Pulmonary Disease (COPD) by Age and Sex, Utah, 2003



Note: COPD includes emphysema and chronic bronchitis.  
 \*\*\* Insufficient sample size for calculation of population estimates.

- The percentage of people under medical care for COPD decreased slightly between 1996 and 2003.
- As age increased, the likelihood of being under care for COPD also increased.
- Men aged 65 and over were almost three times as likely as women to be under care for COPD.



**Table 13. Chronic Obstructive Pulmonary Disease: Percentage of Persons Currently Under Medical Care for Chronic Obstructive Pulmonary Disease (COPD) by Selected Demographic Characteristics, Utah Residents, 2003.**

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>
2003 Utah Population	100.0%	2,354,775	0.7% ± 0.2%	16,600	100.0%
<b>Sex</b>					
Male	50.2%	1,181,516	0.8% ± 0.3%	9,100	54.8%
Female	49.8%	1,173,259	0.6% ± 0.3%	7,500	45.2%
Total, All Utahns	100.0%	2,354,775	0.7% ± 0.2%	16,600	100.0%
<b>Age Group</b>					
17 and Under	31.5%	742,867	*** ± ***	***	***
18 to 34	29.1%	685,764	*** ± ***	***	***
35 to 49	18.8%	442,006	0.5% ± 0.3%	2,400	14.8%
50 to 64	12.1%	285,779	1.5% ± 0.9%	4,400	27.2%
65 and Over	8.4%	198,359	4.2% ± 1.6%	8,300	51.2%
Total, All Utahns	100.0%	2,354,775	0.7% ± 0.2%	16,600	100.0%
<b>Sex and Age</b>					
Males, 17 and Under	16.2%	381,882	*** ± ***	***	***
Males, 18 to 34	14.7%	347,144	*** ± ***	***	***
Males, 35 to 49	9.5%	223,919	0.5% ± 0.5%	1,100	6.9%
Males 50 to 64	6.0%	141,427	1.6% ± 1.3%	2,300	14.4%
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Total, All Utahns	100.0%	2,354,775	0.7% ± 0.2%	16,600	100.0%
<b>Local Health District<sup>5</sup></b>					
Bear River	6.1%	143,593	0.5% ± 0.5%	800	4.8%
Central	2.9%	69,140	*** ± ***	***	***
Davis	10.7%	252,521	0.7% ± 0.6%	1,800	10.9%
Salt Lake	39.6%	932,365	0.6% ± 0.3%	5,500	33.3%
Southeastern	2.3%	53,675	*** ± ***	***	***
Southwest	6.5%	154,152	1.9% ± 1.1%	2,900	17.6%
Summit	1.4%	32,831	*** ± ***	***	***
Tooele	2.0%	46,815	1.2% ± 0.7%	500	3.0%
TriCounty	1.8%	42,241	*** ± ***	***	***
Utah County	17.0%	400,670	0.5% ± 0.3%	2,000	12.1%
Wasatch	0.7%	17,179	*** ± ***	***	***
Weber-Morgan	8.9%	209,593	1.0% ± 1.0%	2,000	12.1%
Total, All Utahns	100.0%	2,354,775	0.7% ± 0.2%	16,600	100.0%
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Under \$20,000	9.9%	232,800	2.2% ± 1.2%	5,100	31.9%
\$20,000 to <\$45,000	30.7%	722,400	1.0% ± 0.5%	6,900	43.1%
\$45,000 to <\$65,000	23.5%	552,500	0.5% ± 0.4%	2,600	16.3%
\$65,000 and Over	36.0%	847,100	0.2% ± 0.2%	1,400	8.8%
Total, All Utahns	100.0%	2,354,800	0.7% ± 0.2%	16,600	100.0%
<b>Health Insurance Coverage</b>					
Insured	90.9%	2,140,300	0.7% ± 0.2%	14,500	88.4%
Uninsured	9.1%	214,500	*** ± ***	***	***
Total, All Utahns	100.0%	2,354,800	0.7% ± 0.2%	16,600	100.0%

1 Population estimates of sex, age groups, and LHD based on 2003 Baseline Projections, Governor's Office of Planning and Budget, UPED Model System; all others based on the 2003 UHSS and rounded to the nearest 100 persons.

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Note: COPD includes emphysema and chronic bronchitis.

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