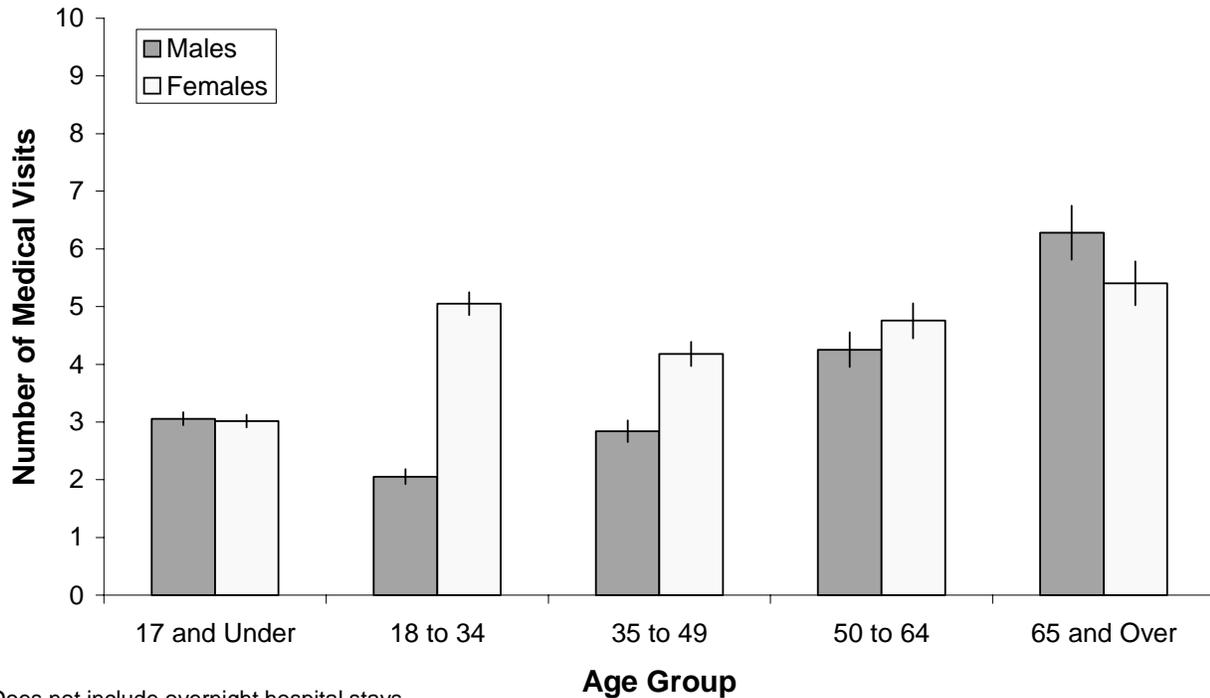




Health Care Utilization: Average Number of Medical Visits in the Previous 12 Months by Sex and Age, Utah 2001



- Utilization of services is related to the need for services, but utilization is not always appropriate, and high utilization does not necessarily mean that health needs are being met.
- On average, Utahns had an estimated 3.7 visits with a medical provider in the previous 12 months. This is up slightly from the average of 3.4 visits in 1996.
- Women had more medical visits than men (4.2 vs. 3.1). The pattern across the adult life span was different for men and women, with women reporting a high number of visits during the ages of 18 to 34 (5.0) then dropping to 4.2 visits (35 to 49) before climbing back up to 5.4 visits at the 65 and older group. The high rate of utilization among women aged 18 to 34 is presumed to be largely because of childbearing and other issues related to reproductive health.
- Utilization was relatively consistent across local health districts.

Health Care Utilization



Table 6. Health Care Utilization: Average Number of Medical Visits in the Previous 12 Months by Sex, Age, and Local Health District, Utah 2001.

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Number of Medical Visits in Previous 12 Months		
	Percentage Distribution	Number of Persons ¹	Average Number of Medical Visits, Last 12 Months ²	Total Number of Medical Visits ^{3,4}	Percentage Distribution of Medical Visits by Subgroup ⁴
2001 Utah Population	100.0%	2,295,967	3.7 ± 0.1	8,406,900	100.0%
Sex					
Male	50.1%	1,150,881	3.1 ± 0.1	3,561,400	42.3%
Female	49.9%	1,145,086	4.2 ± 0.1	4,848,900	57.7%
Total, All Utahns	100.0%	2,295,967	3.7 ± 0.1	8,406,900	100.0%
Age Group					
17 and Under	31.8%	730,417	3.0 ± 0.1	2,218,500	26.3%
18 to 34	29.1%	669,170	3.5 ± 0.1	2,359,900	28.0%
35 to 49	19.2%	439,986	3.5 ± 0.1	1,542,000	18.3%
50 to 64	11.4%	262,021	4.5 ± 0.2	1,181,400	14.0%
65 and Over	8.5%	194,373	5.8 ± 0.3	1,126,700	13.4%
Total, All Utahns	100.0%	2,295,967	3.7 ± 0.1	8,406,900	100.0%
Sex and Age					
Males, 17 and Under	16.4%	375,761	3.1 ± 0.1	1,148,700	13.6%
Males, 18 to 34	14.7%	338,358	2.1 ± 0.1	695,100	8.2%
Males, 35 to 49	9.7%	222,338	2.8 ± 0.2	631,900	7.5%
Males 50 to 64	5.6%	129,263	4.3 ± 0.3	549,900	6.5%
Males, 65 and Over	3.7%	85,161	6.3 ± 0.5	534,900	6.3%
Females, 17 and Under	15.4%	354,656	3.0 ± 0.1	1,069,800	12.7%
Females, 18 to 34	14.4%	330,812	5.0 ± 0.2	1,670,400	19.8%
Females, 35 to 49	9.5%	217,648	4.2 ± 0.2	909,900	10.8%
Females 50 to 64	5.8%	132,758	4.8 ± 0.3	631,400	7.5%
Females, 65 and Over	4.8%	109,212	5.4 ± 0.4	590,300	7.0%
Total, All Utahns	100.0%	2,295,967	3.7 ± 0.1	8,406,900	100.0%
Local Health District⁵					
Bear River	6.0%	138,600	3.6 ± 0.2	498,400	5.9%
Central	2.9%	67,207	3.6 ± 0.2	241,000	2.9%
Davis	10.7%	244,844	3.7 ± 0.2	897,700	10.7%
Salt Lake	40.0%	918,279	3.6 ± 0.1	3,288,500	39.1%
Southeastern	2.3%	52,817	3.5 ± 0.2	184,300	2.2%
Southwest	6.4%	147,370	3.5 ± 0.2	520,500	6.2%
Summit	1.4%	31,279	3.6 ± 0.2	112,900	1.3%
Tooele	1.9%	44,430	3.9 ± 0.2	172,700	2.1%
TriCounty	1.8%	41,640	3.7 ± 0.2	155,700	1.9%
Utah County	16.8%	385,690	3.6 ± 0.2	1,399,500	16.6%
Wasatch	0.7%	15,947	3.7 ± 0.2	58,800	0.7%
Weber-Morgan	9.1%	207,864	4.2 ± 0.3	875,600	10.4%
Total, All Utahns	100.0%	2,295,967	3.7 ± 0.1	8,406,900	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.

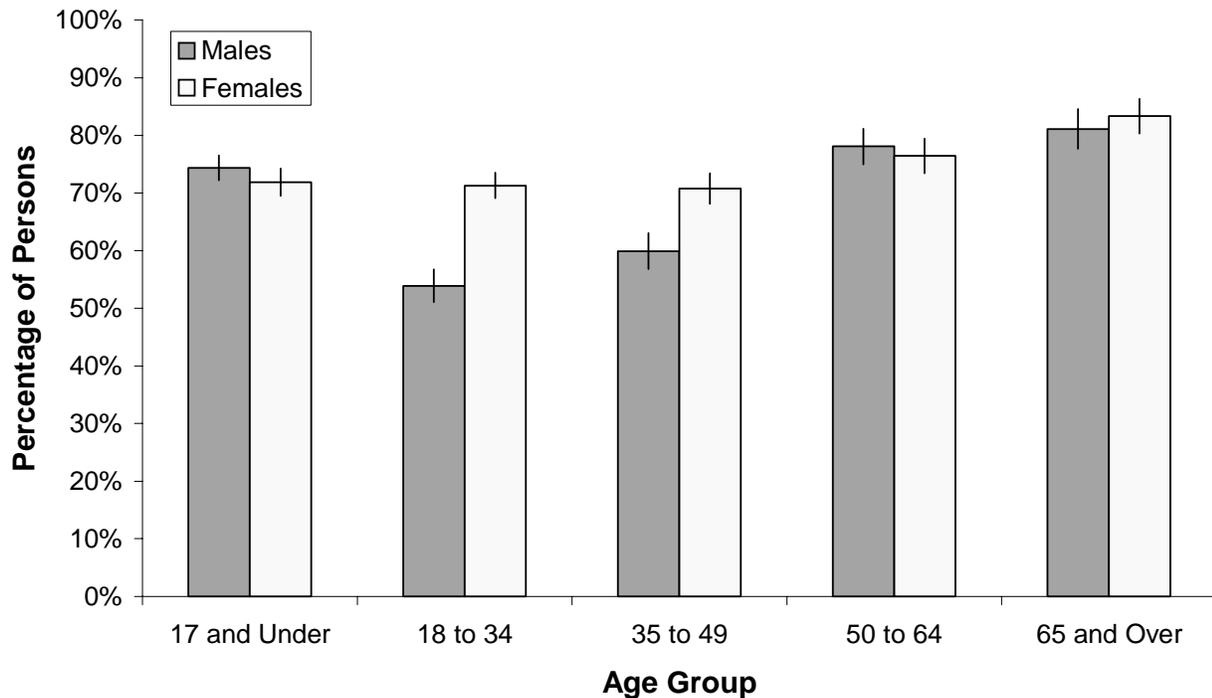
4 Figures in these columns may not sum to the total because of data weighting and missing values on the grouping variables.

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

Note: Does not include overnight hospital stays.



Preventive Medical Visit: Percentage of Persons Who Received a Routine Medical Check-Up in the Previous 12 Months by Sex and Age, Utah 2001



- Few would argue against the benefits of clinical preventive services. They not only provide immunizations and screen for diseases such as cancer and heart disease, but they can also provide an opportunity for clinicians to counsel patients on changing their personal health behaviors long before clinical disease develops.
- Overall, just under 71% of Utahns surveyed had a regular preventive health visit in the previous 12 months. This percentage is slightly higher for women than for men (73% versus 68%, respectively), and increases with age for adults.

Health Care Utilization



Table 7. Preventive Medical Visit: Percentage of Persons Who Received a Routine Medical Check-Up in the Previous 12 Months by Sex, Age, and Local Health District, Utah 2001.

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns With a Routine Exam		
	Percentage Distribution	Number of Persons ¹	Percentage of Persons With a Routine Exam ²	Number of Persons ^{3,4}	Percentage Distribution of Persons With a Routine Exam by Subgroup ⁴
2001 Utah Population	100.0%	2,295,967	70.7% ± 1.1%	1,623,300	100.0%
Sex					
Male	50.1%	1,150,881	67.9% ± 1.4%	781,100	48.2%
Female	49.9%	1,145,086	73.3% ± 1.3%	839,300	51.8%
Total, All Utahns	100.0%	2,295,967	70.7% ± 1.1%	1,623,300	100.0%
Age Group					
17 and Under	31.8%	730,417	73.2% ± 1.8%	534,400	33.2%
18 to 34	29.1%	669,170	63.5% ± 1.9%	425,300	26.4%
35 to 49	19.2%	439,986	65.7% ± 2.2%	289,200	17.9%
50 to 64	11.4%	262,021	77.2% ± 2.3%	202,300	12.6%
65 and Over	8.5%	194,373	82.3% ± 2.5%	160,100	9.9%
Total, All Utahns	100.0%	2,295,967	70.7% ± 1.1%	1,623,300	100.0%
Sex and Age					
Males, 17 and Under	16.4%	375,761	74.4% ± 2.2%	279,400	17.4%
Males, 18 to 34	14.7%	338,358	53.9% ± 2.8%	182,400	11.4%
Males, 35 to 49	9.7%	222,338	59.9% ± 3.1%	133,200	8.3%
Males 50 to 64	5.6%	129,263	78.1% ± 3.1%	100,900	6.3%
Males, 65 and Over	3.7%	85,161	81.1% ± 3.4%	69,100	4.3%
Females, 17 and Under	15.4%	354,656	71.9% ± 2.3%	254,900	15.9%
Females, 18 to 34	14.4%	330,812	71.3% ± 2.2%	235,900	14.7%
Females, 35 to 49	9.5%	217,648	70.8% ± 2.6%	154,000	9.6%
Females 50 to 64	5.8%	132,758	76.4% ± 3.0%	101,500	6.3%
Females, 65 and Over	4.8%	109,212	83.3% ± 3.0%	91,000	5.7%
Total, All Utahns	100.0%	2,295,967	70.7% ± 1.1%	1,623,300	100.0%
Local Health District⁵					
Bear River	6.0%	138,600	69.5% ± 3.1%	96,300	5.9%
Central	2.9%	67,207	68.7% ± 3.5%	46,200	2.8%
Davis	10.7%	244,844	70.7% ± 3.6%	173,200	10.7%
Salt Lake	40.0%	918,279	71.8% ± 1.8%	659,300	40.6%
Southeastern	2.3%	52,817	66.7% ± 3.8%	35,200	2.2%
Southwest	6.4%	147,370	72.4% ± 3.5%	106,700	6.6%
Summit	1.4%	31,279	73.1% ± 3.3%	22,900	1.4%
Tooele	1.9%	44,430	73.8% ± 2.8%	32,800	2.0%
TriCounty	1.8%	41,640	71.5% ± 3.1%	29,800	1.8%
Utah County	16.8%	385,690	66.5% ± 2.9%	256,500	15.8%
Wasatch	0.7%	15,947	67.4% ± 3.5%	10,800	0.7%
Weber-Morgan	9.1%	207,864	73.8% ± 3.4%	153,500	9.5%
Total, All Utahns	100.0%	2,295,967	70.7% ± 1.1%	1,623,300	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.

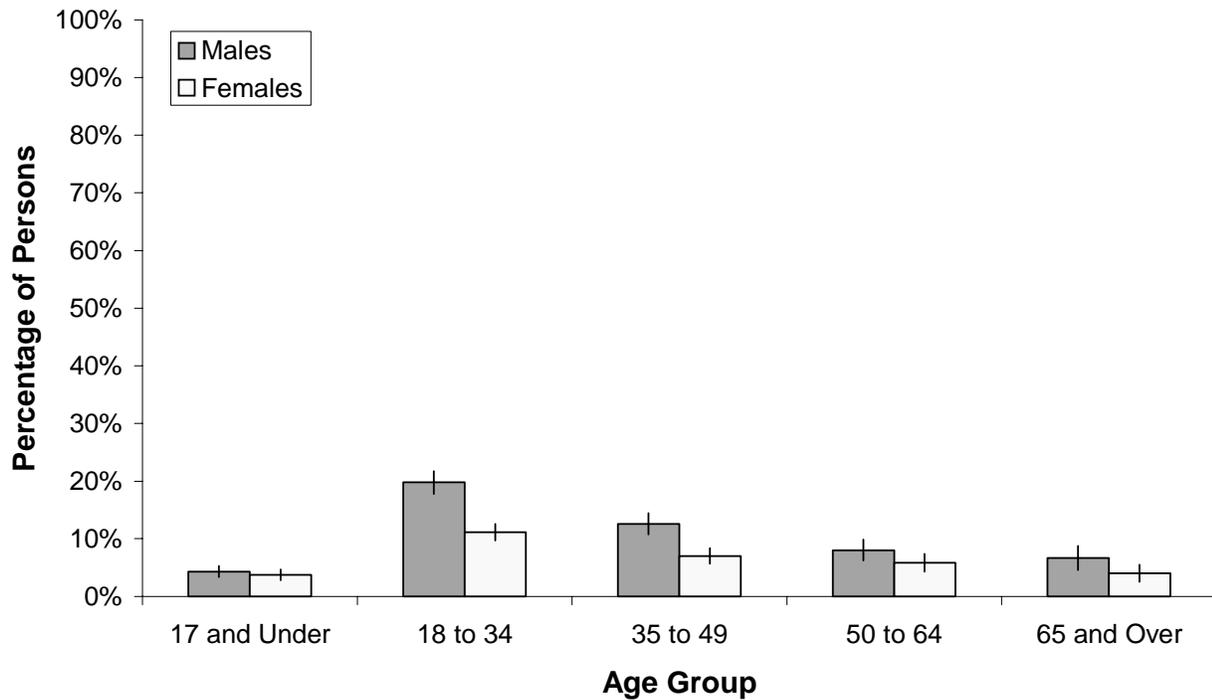
3 Rounded to the nearest 100 persons.

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.



Place of Care: Percentage of Persons Who Had No Usual Place of Medical Care by Sex and Age, Utah 2001



- When asked whether they had a place where they usually go when they are sick or need advice about their health care, about 9% of those surveyed indicated that they did not.
- Lack of a usual place of care was especially common among men aged 18 to 34 (20%).
- The likelihood that a person did not have a usual place of care was higher in Salt Lake, Summit, and Weber-Morgan Districts (all with 11%).



Table 8. Place of Care: Percentage of Persons Who Had No Usual Place of Medical Care by Sex, Age, and Local Health District, Utah 2001.

Demographic Subgroup	Utah Population Distribution		Survey Estimates of Utahns With No Usual Place of Medical Care		
	Percentage Distribution	Number of Persons ¹	Percentage of Persons With No Usual Place of Care ²	Number of Persons ^{3,4}	Percentage Distribution of Persons With No Usual Place of Care by Subgroup ⁴
2001 Utah Population	100.0%	2,295,967	8.8% ± 0.7%	202,900	100.0%
Sex					
Male	50.1%	1,150,881	10.9% ± 0.9%	125,900	62.0%
Female	49.9%	1,145,086	6.7% ± 0.7%	77,200	38.0%
Total, All Utahns	100.0%	2,295,967	8.8% ± 0.7%	202,900	100.0%
Age Group					
17 and Under	31.8%	730,417	4.0% ± 0.8%	29,500	14.4%
18 to 34	29.1%	669,170	15.5% ± 1.4%	103,700	50.7%
35 to 49	19.2%	439,986	9.8% ± 1.3%	43,200	21.1%
50 to 64	11.4%	262,021	6.9% ± 1.3%	18,100	8.8%
65 and Over	8.5%	194,373	5.2% ± 1.4%	10,100	4.9%
Total, All Utahns	100.0%	2,295,967	8.8% ± 0.7%	202,900	100.0%
Sex and Age					
Males, 17 and Under	16.4%	375,761	4.3% ± 1.0%	16,200	7.9%
Males, 18 to 34	14.7%	338,358	19.8% ± 2.0%	66,900	32.7%
Males, 35 to 49	9.7%	222,338	12.6% ± 1.8%	28,000	13.7%
Males 50 to 64	5.6%	129,263	8.0% ± 1.8%	10,400	5.1%
Males, 65 and Over	3.7%	85,161	6.7% ± 2.1%	5,700	2.8%
Females, 17 and Under	15.4%	354,656	3.8% ± 0.9%	13,300	6.5%
Females, 18 to 34	14.4%	330,812	11.1% ± 1.4%	36,900	18.0%
Females, 35 to 49	9.5%	217,648	7.0% ± 1.4%	15,200	7.4%
Females 50 to 64	5.8%	132,758	5.8% ± 1.5%	7,800	3.8%
Females, 65 and Over	4.8%	109,212	4.0% ± 1.5%	4,400	2.1%
Total, All Utahns	100.0%	2,295,967	8.8% ± 0.7%	202,900	100.0%
Local Health District⁵					
Bear River	6.0%	138,600	7.5% ± 1.8%	10,400	5.1%
Central	2.9%	67,207	5.3% ± 2.0%	3,600	1.8%
Davis	10.7%	244,844	5.2% ± 1.9%	12,600	6.2%
Salt Lake	40.0%	918,279	10.6% ± 1.4%	97,100	47.9%
Southeastern	2.3%	52,817	8.8% ± 2.2%	4,600	2.3%
Southwest	6.4%	147,370	6.9% ± 1.9%	10,100	5.0%
Summit	1.4%	31,279	10.7% ± 2.5%	3,400	1.7%
Tooele	1.9%	44,430	9.5% ± 2.2%	4,200	2.1%
TriCounty	1.8%	41,640	5.5% ± 1.5%	2,300	1.1%
Utah County	16.8%	385,690	7.8% ± 1.6%	30,000	14.8%
Wasatch	0.7%	15,947	7.1% ± 1.9%	1,100	0.5%
Weber-Morgan	9.1%	207,864	11.3% ± 2.9%	23,500	11.6%
Total, All Utahns	100.0%	2,295,967	8.8% ± 0.7%	202,900	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.

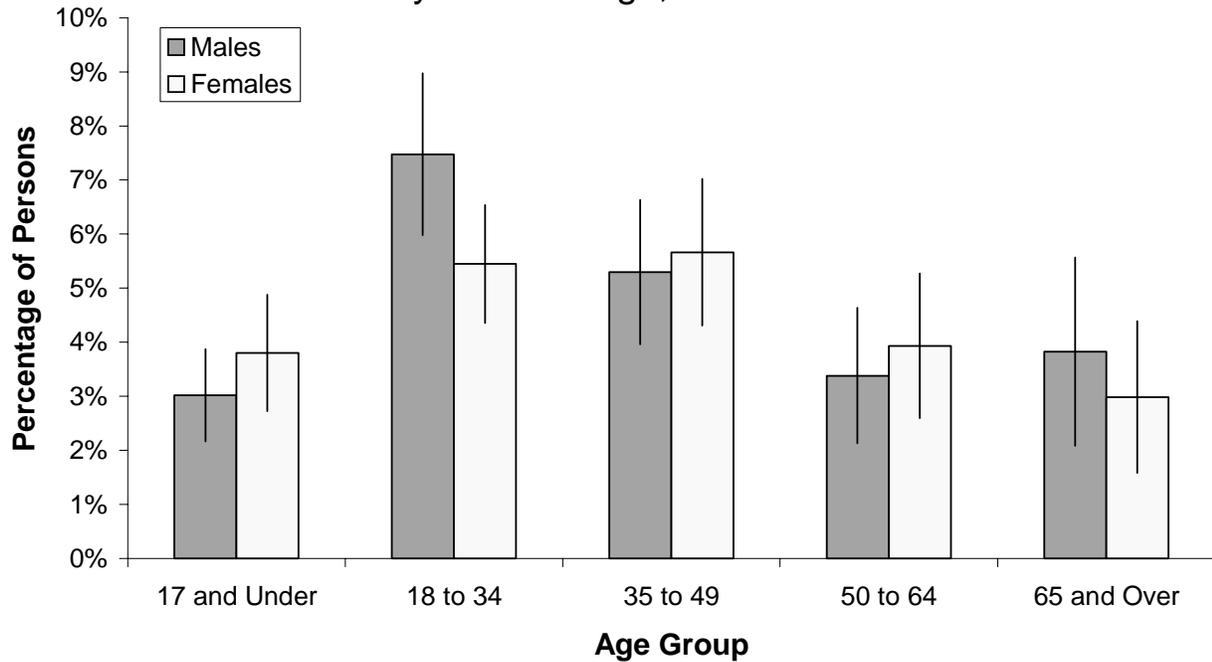
3 Rounded to the nearest 100 persons.

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.



Point of Access to Medical Care: Percentage of Persons Whose Usual Point of Access to Medical Care Was a Hospital Emergency Department or an Urgent Care Center by Sex and Age, Utah 2001



- Continuity of care is generally thought to improve the quality of health. A person whose usual place of care is an urgent care center or hospital emergency room is probably visiting a health care provider who does not have the benefit of knowing the patient, his or her social context, or complete medical record. Persons who say their usual place of care is a hospital emergency room may actually be very healthy, seeking services only in an emergency, or they may be using the emergency room as a source of primary care. The latter is a relatively inefficient use of the medical system and may suggest the need for system changes.
- Among those surveyed, 4.6% reported their usual place of care was an urgent care center or hospital emergency room. The percentage was highest for males age 18 to 34 (7.5%), and for those living in Weber-Morgan Health District (9.2%).



Table 9. Point of Access to Medical Care: Percentage of Persons Whose Usual Point of Access to Medical Care Was a Hospital Emergency Department or an Urgent Care Center by Selected Demographic Characteristics, Utah Residents, 2001.

Demographic Subgroup	Population Size		Survey Estimates of Persons Who Accessed Care in ED or Urgent Care Center		
	Percentage Distribution	Number of Persons ¹	Percentage of Persons ²	Number of Persons ^{3,4}	Percentage Distribution by Demographic Subgroup
2001 Utah Population	100.0%	2,295,967	4.1% ± 0.5%	94,300	100.0%
Sex					
Male	50.1%	1,150,881	4.1% ± 0.6%	47,100	50.0%
Female	49.9%	1,145,086	4.1% ± 0.6%	47,100	50.0%
Total, All Utahns	100.0%	2,295,967	4.1% ± 0.5%	94,300	100.0%
Age Group					
17 and Under	31.8%	730,417	3.2% ± 0.8%	23,400	24.7%
18 to 34	29.1%	669,170	5.2% ± 0.9%	35,000	37.0%
35 to 49	19.2%	439,986	4.8% ± 1.0%	21,300	22.5%
50 to 64	11.4%	262,021	3.4% ± 1.0%	8,800	9.3%
65 and Over	8.5%	194,373	3.1% ± 1.2%	6,100	6.4%
Total, All Utahns	100.0%	2,295,967	4.1% ± 0.5%	94,300	100.0%
Sex and Age					
Males, 17 and Under	16.4%	375,761	2.8% ± 0.8%	10,700	11.3%
Males, 18 to 34	14.7%	338,358	5.8% ± 1.2%	19,500	20.6%
Males, 35 to 49	9.7%	222,338	4.5% ± 1.1%	10,100	10.7%
Males, 50 to 64	5.6%	129,263	3.1% ± 1.1%	4,000	4.2%
Males, 65 and Over	3.7%	85,161	3.5% ± 1.6%	3,000	3.2%
Females, 17 and Under	15.4%	354,656	3.6% ± 1.0%	12,800	13.5%
Females, 18 to 34	14.4%	330,812	4.7% ± 0.9%	15,600	16.5%
Females, 35 to 49	9.5%	217,648	5.1% ± 1.2%	11,200	11.8%
Females, 50 to 64	5.8%	132,758	3.6% ± 1.2%	4,800	5.1%
Females, 65 and Over	4.8%	109,212	2.8% ± 1.3%	3,100	3.3%
Total, All Utahns	100.0%	2,295,967	4.1% ± 0.5%	94,300	100.0%
Local Health District⁵					
Bear River	6.0%	138,600	1.6% ± 0.9%	2,200	2.3%
Central	2.9%	67,207	1.2% ± 0.8%	800	0.9%
Davis	10.7%	244,844	3.9% ± 1.5%	9,400	10.0%
Salt Lake	40.0%	918,279	5.0% ± 1.0%	45,800	48.7%
Southeastern	2.3%	52,817	2.0% ± 1.1%	1,100	1.2%
Southwest	6.4%	147,370	3.1% ± 1.4%	4,600	4.9%
Summit	1.4%	31,279	1.9% ± 1.0%	600	0.6%
Tooele	1.9%	44,430	4.1% ± 1.6%	1,800	1.9%
TriCounty	1.8%	41,640	4.1% ± 1.7%	1,700	1.8%
Utah County	16.8%	385,690	2.3% ± 1.0%	9,000	9.6%
Wasatch	0.7%	15,947	3.3% ± 1.7%	500	0.5%
Weber-Morgan	9.1%	207,864	7.9% ± 2.7%	16,500	17.6%
Total, All Utahns	100.0%	2,295,967	4.1% ± 0.5%	94,300	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 do not sum to the total because of missing values on the grouping variables.

5 These rates have not been age-adjusted. For age-adjusted rates see Appendix A.

2001 Utah Health Status Survey, Utah Department of Health