

Mammography



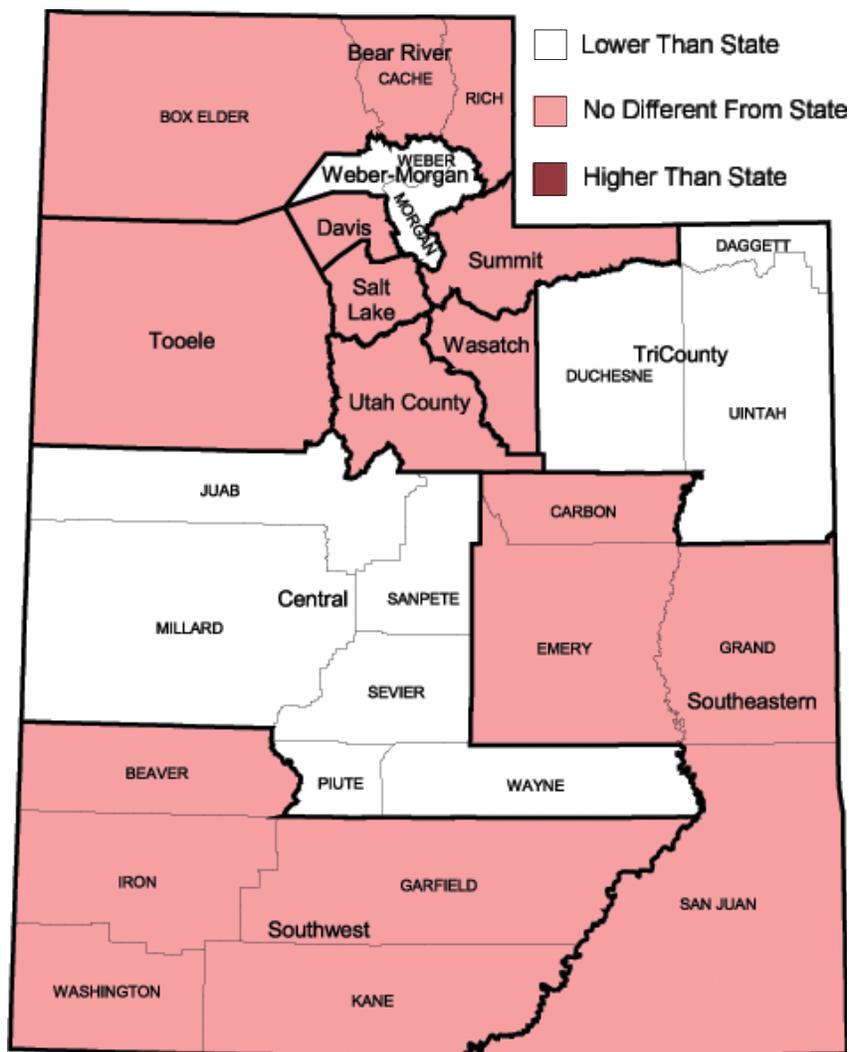
Questions: *A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram? How long has it been since you had your last mammogram?*

Excluding skin cancers, breast cancer is the most commonly occurring cancer in U.S. and Utah women and the leading cause of cancer death among Utah women. The risk of developing breast cancer increases with age. Other risk factors include family and/or personal history of breast cancer, history of abnormal breast biopsy, and hormonal factors such as early menstruation or late age at menopause. Early detection can increase survival. Clinical trials have demonstrated that routine screening with mammography can reduce breast cancer deaths by 20 to 30 percent in women ages 50 to 69 years⁴⁻⁹ and by about 17 percent in women ages 40 to 49 years.¹⁰⁻¹¹ There is consensus that women ages 40 or over undergo routine screening with mammography at least every two years. Women who are at higher than average risk for breast cancer should seek medical advice about when to begin screening.¹²

- The self-reported use of screening mammography among women ages 40 or over in Central Utah, Tri-County, and Weber-Morgan Health Districts was significantly below that for the state. The rate of screening mammography among women in the remaining health districts did not differ significantly from the state rate.

- Women living in Davis County Health District had the highest rate of screening mammography (77.4%), although it was not significantly higher than the state.
- The percentage of Utah women ages 40 or older who reported receiving a screening mammogram in the past two years was below that of the U.S. (67.5% and 73.2% respectively, age-adjusted rates).

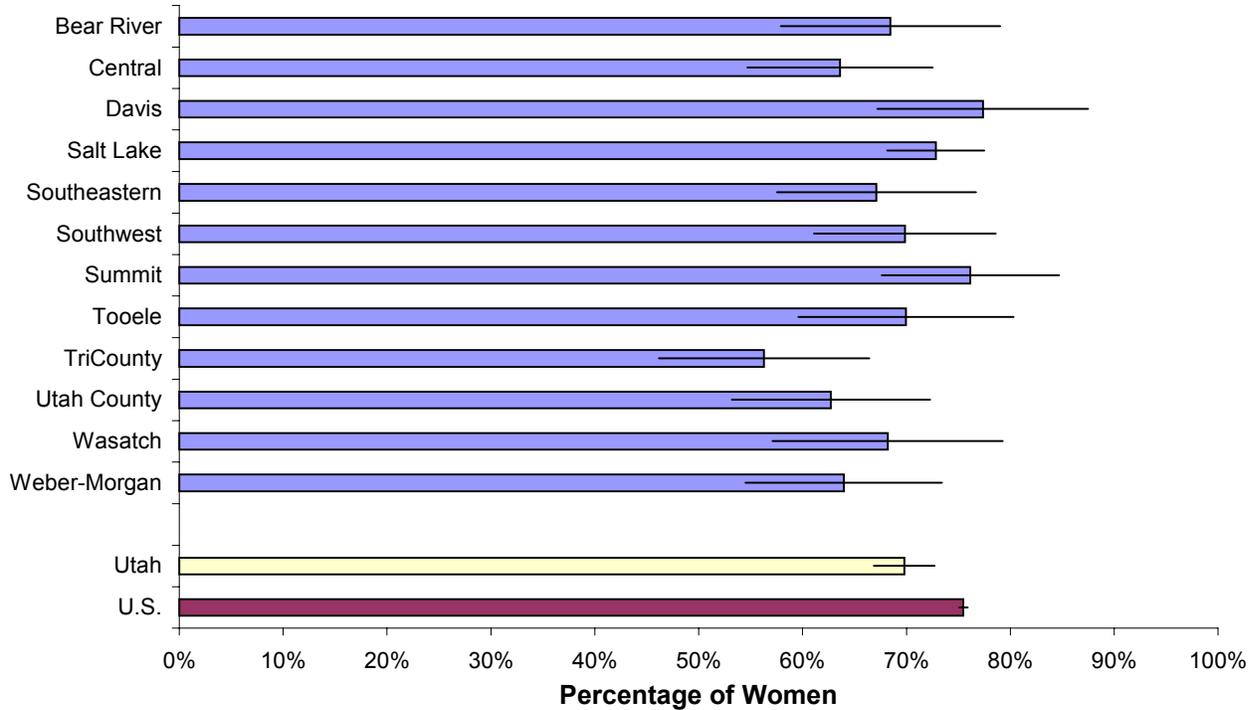
Mammogram in Past Two Years by Whether the Local Health District Percentage Differed From the State, Utah Women Ages 40+, 1999-2000



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: Percentages represent mammography for routine screening and do not include women who had a mammogram because of cancer or other breast problem. Source: Behavioral Risk Factor Surveillance System



Percentage of Women Who Reported Having a Screening Mammogram in the Past Two Years* by Local Health District, Utah, and U.S., Women Ages 40+, 1999-2000



* crude rates

Note: Percentages represent mammography for routine screening and do not include women who had a mammogram because of cancer or other breast problem.

Source: Behavioral Risk Factor Surveillance System

District	Sample Size	Total Number of Women 40+	Crude Rates			Age-adjusted Rates**		
			Number of Women 40+ With Recent Mammogram	Percent	95% CI Range	Percent	95% CI Range	
Bear River	102	20,699	14,200	68.5%	57.9% 79.0%	66.9%	56.2% 77.5%	
Central	134	12,521	8,000	63.6%	54.7% 72.6%	53.5%	44.2% 62.9%	
Davis	85	38,992	30,200	77.4%	67.2% 87.5%	75.6%	66.5% 84.7%	
Salt Lake	458	155,978	113,600	72.8%	68.1% 77.5%	70.5%	65.4% 75.6%	
Southeastern	112	10,952	7,300	67.1%	57.5% 76.7%	61.8%	52.3% 71.2%	
Southwest	125	28,498	19,900	69.9%	61.1% 78.6%	67.9%	57.4% 78.5%	
Summit	117	5,529	4,200	76.2%	67.6% 84.7%	73.7%	65.3% 82.1%	
Tooele	135	6,388	4,500	70.0%	59.6% 80.3%	71.0%	61.4% 80.6%	
TriCounty	121	7,616	4,300	56.3%	46.2% 66.4%	56.8%	47.1% 66.5%	
Utah County	126	47,102	29,500	62.7%	53.2% 72.3%	62.9%	53.4% 72.4%	
Wasatch	108	2,718	1,900	68.2%	57.1% 79.3%	62.1%	52.1% 72.1%	
Weber-Morgan	134	37,684	24,100	64.0%	54.5% 73.4%	56.8%	48.0% 65.7%	
Utah	1,757	374,677	261,500	69.8%	66.9% 72.7%	67.5%	64.3% 70.7%	
U.S.				75.5%	75.1% 75.9%	73.2%	72.7% 73.6%	

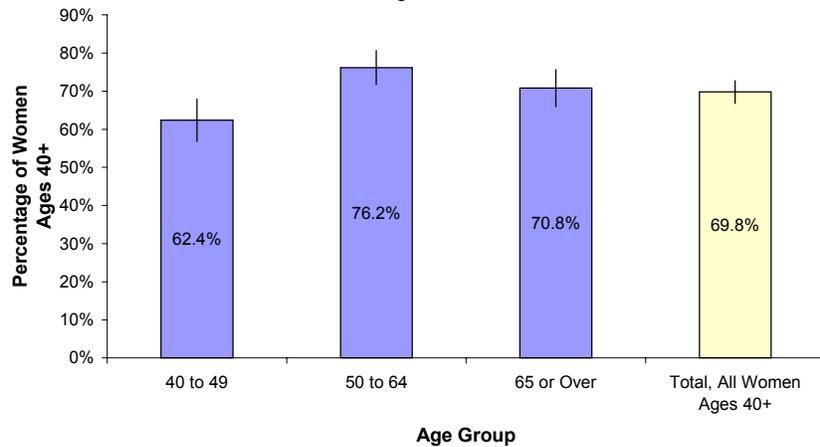
** Age adjusted to U.S. 2000 standard population

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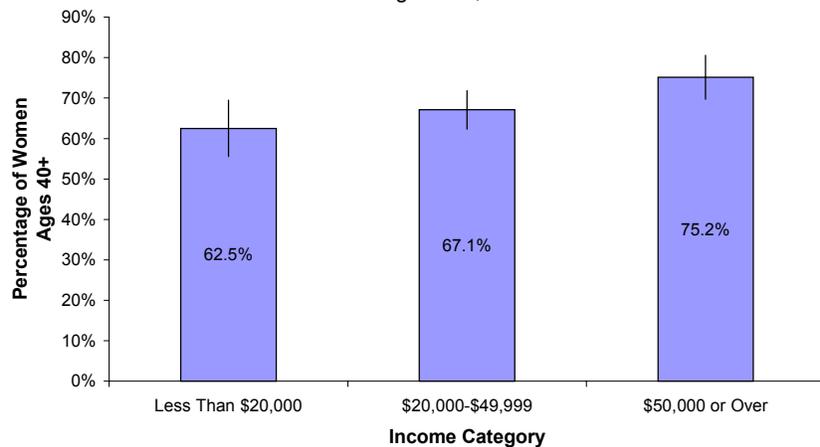
- In Utah, women ages 40 to 49 were less likely than those 50 years or over to report having a screening mammogram in the past two years.

Percentage of Women Who Reported Having a Screening Mammogram* in the Past Two Years by Age, Utah Women Ages 40+, 1999-2000



- Utah women with less than a high school education or annual household incomes less than \$20,000 were less likely to report having a screening mammogram in the past two years compared to women with more years of education (not graphed) or women in higher income groups.

Percentage of Women Who Reported Having a Screening Mammogram* in the Past Two Years by Income, Utah Women Ages 40+, 1999-2000



* Percentages represent mammography for routine screening and do not include women who had a mammogram because of breast cancer or other breast problem.

The Utah Cancer Control Program (UCCP) distributes free mammography vouchers to women who receive a clinical breast exam at a UCCP sponsored cancer screening clinic and meet age and income guidelines.

Utah Objective: By 2010, increase the proportion of Utah women age 40 or over who have received a screening mammogram* in the preceding two years to 78% (age adjusted to the U.S. 2000 standard population).

HP2010 Objective (related) 3-13: Increase the proportion of women age 40 or over who have received a mammogram within the preceding two years to 70% (age adjusted to the U.S. 2000 standard population).



Percentage of Women Ages 40+ Who Reported Having a Screening Mammogram* in the Past Two Years by Selected Demographic Characteristics, Utah Women Ages 40+, 1999 - 2000.

Demographic Subgroup	Utah Population		Survey Estimates				Distribution of Women 40+ Who Reported a Screening Mammogram in Past Two Years by Category
	Distribution	Number of Persons ¹	Percentage of Women Ages 40+ Who Reported a Screening Mammogram in Past Two Years ²			Number of Persons ^{1,3}	
			95% Confidence Intervals Lower	Upper			
Had Mammogram							
Within the Past Year	53.8%	201,400					
Within the Past 2 Years	16.0%	60,000					
Within the Past 3 Years	6.4%	24,100					
Within the Past 5 Years	4.1%	15,300					
5 or More Years Ago	4.7%	17,500					
Never	15.0%	56,200					
Total, All Women Ages 40+	100.0%	374,700					
Age Group							
40 to 49	37.4%	140,200	62.4%	56.8%	67.9%	87,400	33.6%
50 to 64	33.9%	126,900	76.2%	71.7%	80.7%	96,700	37.1%
65 or Over	28.7%	107,600	70.8%	65.9%	75.7%	76,200	29.3%
Total, All Women Ages 40+	100.0%	374,700	69.8%	66.9%	72.7%	261,500	100.0%
Race/Ethnicity							
White, Non-Hispanic	93.1%	348,800	70.1%	67.1%	73.2%	244,600	93.6%
Hispanic	4.3%	16,100	62.2%	48.0%	76.4%	10,000	3.8%
Non-White, Non-Hispanic	2.6%	9,700	69.8%	51.1%	88.5%	6,800	2.6%
Total, All Women Ages 40+	100.0%	374,700	69.8%	66.9%	72.7%	261,500	100.0%
Income							
Less Than \$20,000	16.9%	63,400	62.5%	55.6%	69.5%	39,600	15.2%
\$20,000-\$49,999	44.6%	167,100	67.1%	62.4%	71.9%	112,200	43.1%
\$50,000 or Over	38.5%	144,200	75.2%	69.7%	80.6%	108,400	41.7%
Total, All Women Ages 40+	100.0%	374,700	69.8%	66.9%	72.7%	261,500	100.0%
Education							
Less Than High School	4.6%	17,200	57.3%	44.5%	70.0%	9,800	3.7%
H.S. Grad or G.E.D.	34.5%	129,200	68.0%	63.0%	72.9%	87,800	33.6%
Some Post High School	37.7%	141,200	72.2%	67.4%	76.9%	101,900	39.0%
College Graduate	23.2%	87,100	71.3%	65.1%	77.5%	62,100	23.7%
Total, All Women Ages 40+	100.0%	374,700	69.8%	66.9%	72.7%	261,500	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.

* Percentages represent mammography for routine screening and do not include women who had a mammogram because of breast cancer or other breast problem.

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.