

Pap Test

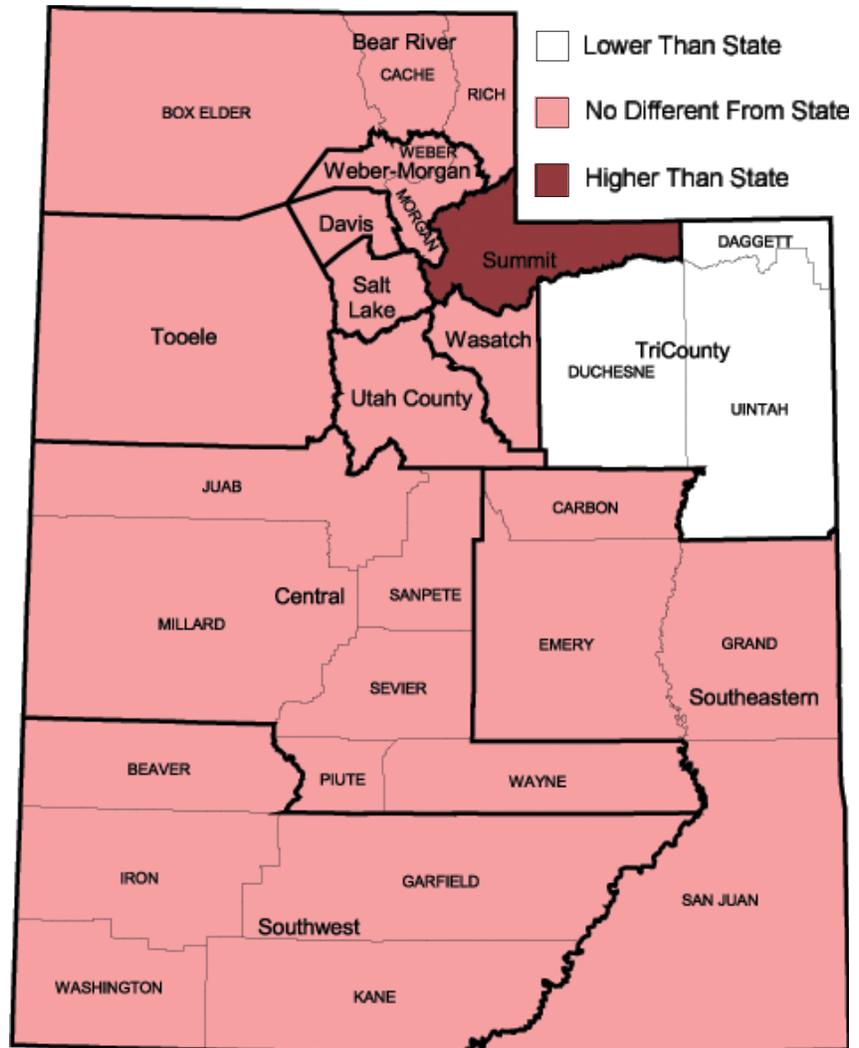


Questions: *A Pap smear is a test for cancer of the cervix. Have you ever had a Pap smear? How long has it been since you had your last Pap smear?*

Cervical cancer is one of the most curable cancers if detected early through routine screening. Almost all cases of cervical cancer are caused by infection with high-risk types of the human papillomavirus. As these viruses are transmitted through sexual contact, any woman who is sexually active is at risk for developing cervical cancer. Other risk factors include having sexual relations at an early age, having multiple sex partners or partners with many other partners, and cigarette smoking. New guidelines released by the American Cancer Society¹³ recommend that cervical screening begin about three years after a woman begins having intercourse but no later than 21 years of age. Cervical screening should be performed every year with conventional Pap tests or every two years with liquid-based Pap tests. Beginning at age 30, women who have had three normal test results in a row may undergo screening every two to three years.

- The percentage of women in TriCounty Health District who reported having a Pap test in the past three years was below the statewide percentage.
- The percentage of Utah women ages 18 or older who reported receiving a Pap test within the past three years was below that of the U.S. (81.1% and 84.9% respectively, age-adjusted rates).

Pap Test in Past Three Years by Whether the Local Health District Percentage Differed From the State, Utah Women Ages 18+, 1999-2000

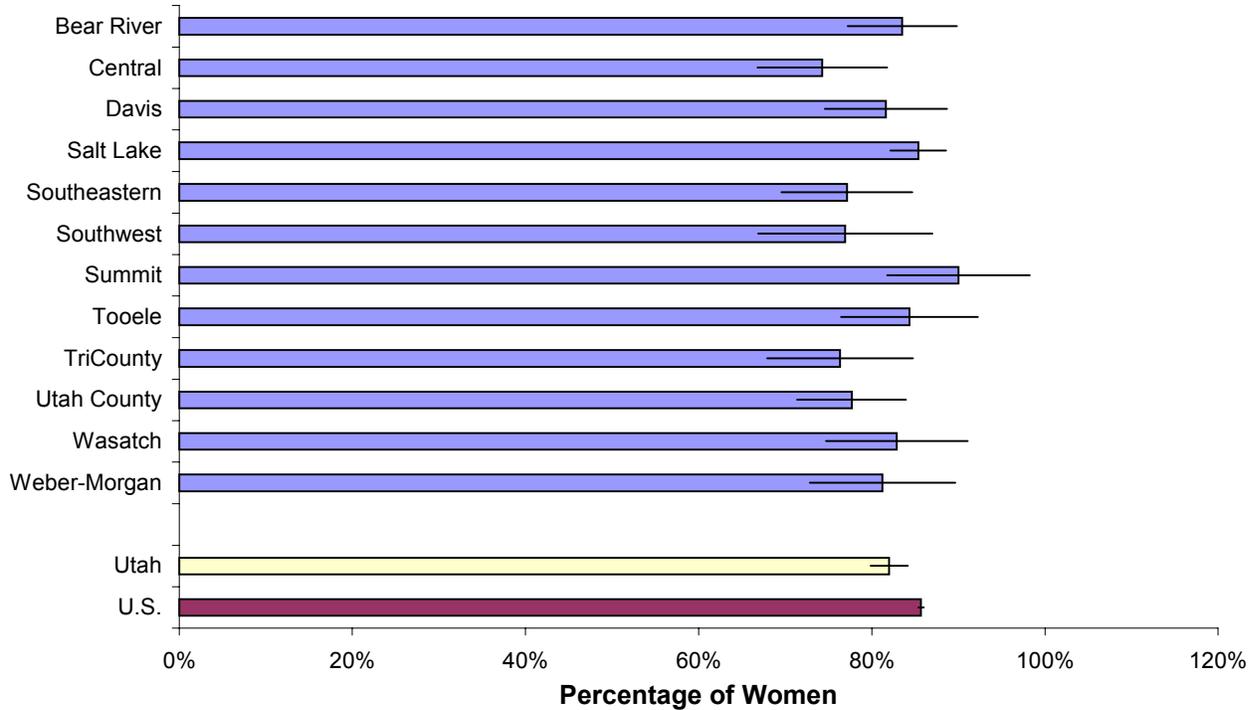


Age adjusted to the U.S. 2000 standard population. Percentage for a local health district was considered different from the state percentage if its 95% confidence interval did not include the state percentage. Note: Percentages include only women with a uterine cervix and do not include women who had a Pap smear for a current or previous problem. Source: Behavioral Risk Factor Surveillance System



Percentage of Women Who Reported Having a Pap Test in the Past Three Years*

by Local Health District, Utah, and U.S., Women Ages 18+, 1999-2000



* crude rates

Note: Percentages include only women with a uterine cervix and do not include women who had a Pap smear for a current or previous problem.

Source: Behavioral Risk Factor Surveillance System

District	Sample Size	Total Number of Women 18+	Crude Rates			Age-adjusted Rates**		
			Number of Women 18+ With Pap Test	Percent	95% CI Range	Percent	95% CI Range	
Bear River	183	46,990	39,200	83.5%	77.2% 89.8%	82.6%	76.7% 88.6%	
Central	187	21,680	16,100	74.3%	66.8% 81.8%	77.1%	71.7% 82.5%	
Davis	167	78,493	64,100	81.6%	74.6% 88.7%	80.5%	73.2% 87.7%	
Salt Lake	675	314,387	268,400	85.4%	82.2% 88.6%	84.2%	80.9% 87.5%	
Southeastern	146	18,723	14,400	77.1%	69.6% 84.7%	76.5%	69.9% 83.1%	
Southwest	153	50,081	38,500	76.9%	66.9% 87.0%	77.3%	68.8% 85.7%	
Summit	173	10,125	9,100	90.0%	81.8% 98.3%	89.6%	82.8% 96.4%	
Tooele	191	13,825	11,700	84.4%	76.4% 92.3%	84.0%	78.8% 89.3%	
TriCounty	135	13,300	10,200	76.3%	67.9% 84.8%	72.8%	64.6% 81.1%	
Utah County	252	126,077	97,900	77.7%	71.4% 84.0%	76.7%	71.3% 82.1%	
Wasatch	143	5,089	4,200	82.9%	74.7% 91.1%	84.1%	77.6% 90.6%	
Weber-Morgan	145	71,049	57,700	81.2%	72.8% 89.7%	79.9%	71.6% 88.2%	
Utah	2,550	769,819	631,300	82.0%	79.8% 84.2%	81.1%	78.9% 83.2%	
U.S.				85.7%	85.4% 86.0%	84.9%	84.6% 85.2%	

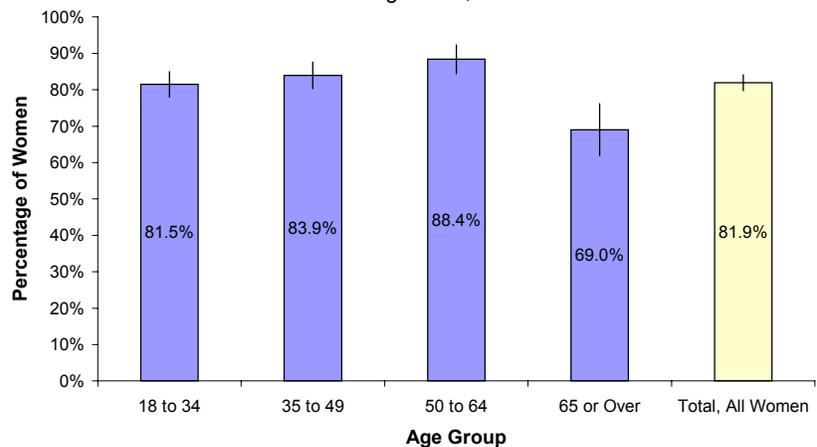
** Age adjusted to U.S. 2000 standard population

Pap Test



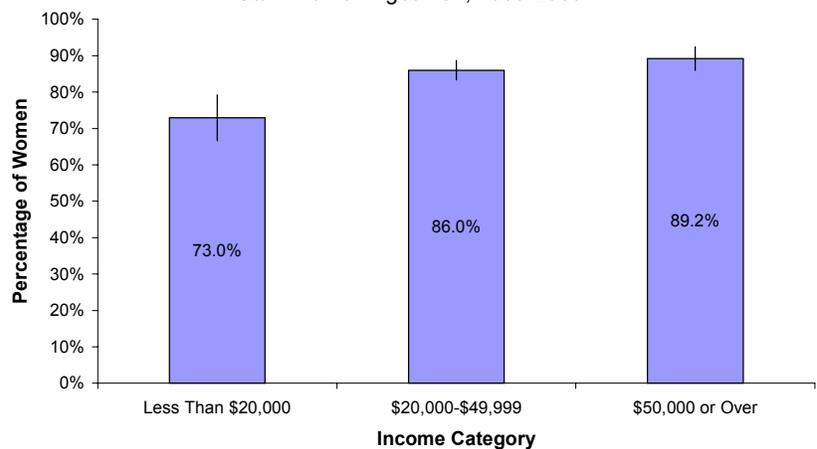
- Utah women ages 65 or over were less likely than younger women to report having a Pap smear in the past three years.

Percentage of Women Who Reported Having a Pap Smear* in the Past Three Years by Age, Utah Women Ages 18+, 1999-2000



- In Utah, women with annual household incomes less than \$20,000 were less likely than women in higher income groups to report having a Pap test in the past three years.

Percentage of Women Who Reported Having a Pap Smear* in the Past Three Years by Income, Utah Women Ages 18+, 1999-2000



* Includes only women with intact cervixes. Does not include women who had a Pap smear for a current or previous problem.

The Utah Cancer Control Program provides free Pap tests at program-sponsored cancer screening clinics to women who meet age and income guidelines.

Utah Objective: By 2010, increase the proportion of Utah women age 18 or over who received a Pap test within the preceding three years to 90% (age adjusted to the U.S. 2000 standard population).

HP2010 Objective 3-11b: Increase the proportion of women age 18 or over who received a Pap test within the preceding three years to 90% (age adjusted to the U.S. 2000 standard population).



Percentage of Women Who Reported Having a Pap Smear* in the Past Three Years by Selected Demographic Characteristics, Utah Women Ages 18+, 1999 - 2000.

Demographic Subgroup	Utah Population		Survey Estimates				
	Distribution	Number of Persons ¹	Percentage of Women Who Reported a Pap Smear in Past Three Years ²			Number of Persons ^{1,3}	Distribution of Women Who Reported a Pap Smear in Past Three Years by Category
			95% Confidence Intervals	Lower	Upper		
Had Pap Smear							
Within the Past Year	63.1%	485,700					
Within the Past 2 Years	15.0%	115,800					
Within the Past 3 Years	3.9%	29,800					
Within the Past 5 Years	3.8%	29,400					
5 or More Years Ago	6.5%	50,200					
Never	7.7%	59,000					
Total, All Women	100.0%	769,800					
Age Group							
18 to 34	41.6%	320,500	81.5%	77.9%	85.0%	261,100	41.6%
35 to 49	27.9%	214,800	83.9%	80.3%	87.6%	180,300	28.7%
50 to 64	16.5%	126,900	88.4%	84.4%	92.3%	112,100	17.9%
65 or Over	14.0%	107,600	69.0%	61.8%	76.1%	74,200	11.8%
Total, All Women	100.0%	769,800	81.9%	79.8%	84.1%	630,800	100.0%
Race/Ethnicity							
White, Non-Hispanic	90.3%	695,000	82.1%	79.8%	84.4%	570,900	90.5%
Hispanic	5.9%	45,400	78.3%	69.7%	87.0%	35,600	5.6%
Non-White, Non-Hispanic	3.8%	29,300	83.7%	74.2%	93.3%	24,500	3.9%
Total, All Women	100.0%	769,800	81.9%	79.8%	84.1%	630,800	100.0%
Income							
Less Than \$20,000	15.4%	118,200	73.0%	66.7%	79.3%	86,200	13.2%
\$20,000-\$49,999	50.8%	390,800	86.0%	83.3%	88.7%	336,000	51.3%
\$50,000 or Over	33.9%	260,900	89.2%	86.0%	92.4%	232,700	35.5%
Total, All Women	100.0%	769,800	81.9%	79.8%	84.1%	630,800	100.0%
Education							
Less Than High School	4.8%	36,600	71.1%	59.5%	82.7%	26,000	4.1%
H.S. Grad or G.E.D.	29.7%	228,700	80.4%	76.8%	84.1%	183,900	29.1%
Some Post High School	38.8%	299,000	78.8%	74.7%	82.9%	235,700	37.3%
College Graduate	26.7%	205,500	90.5%	87.9%	93.1%	186,000	29.4%
Total, All Women	100.0%	769,800	81.9%	79.8%	84.1%	630,800	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.

* Includes only women with intact cervixes. Does not include women who had a pap smear for a current or previous 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.