B28002 | PRESENCE AND TYPES OF INTERNET SUBSCRIPTIONS IN HOUSEHOLD
Universe: Households
2013-2017 American Community Survey 5-Year Estimates

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	Provo city, Utah	
	Estimate	**Margin of Error**
Total:	32,904	+/-586
With an Internet subscription	24,315	+/-630
Dial-up with no other type of Internet subscription	55	+/-29
Broadband of any type	24,260	+/-631
Cellular data plan	17,404	+/-505
Cellular data plan with no other type of Internet subscription	1,536	+/-312
Broadband such as cable, fiber optic or DSL	22,074	+/-641
Broadband such as cable, fiber optic or DSL with no other type of Internet subscription	6,246	+/-402
Satellite Internet service	1,291	+/-191
Satellite Internet service with no other type of Internet subscription	170	+/-66
Other service with no other type of Internet subscription	170	+/-93
Internet access without a subscription	6,322	+/-510
No Internet access	2,267	+/-305

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Data about computer and Internet use were collected by asking respondents to select "Yes" or "No" to each type of computer and each type of Internet subscription. Therefore, respondents were able to select more than one type of computer and more than one type of Internet subscription.

The category "Broadband of any type" refers to those who said "Yes" to at least one of the following types of Internet subscriptions: Broadband such as cable, fiber optic, or DSL; a cellular data plan; satellite; or a fixed wireless subscription.

An Internet "subscription" refers to a type of service that someone pays for to access the Internet such as a cellular data plan, broadband such as cable, fiber optic or DSL, or other type of service. This will normally refer to a service that someone is billed for directly for Internet alone or sometimes as part of a bundle.

Examples of "Internet access without a subscription" include cases such as free Internet service provided by a respondent's town or city or free Internet service a university may provide for their students.

"Internet access" refers to whether or not a household uses or connects to the Internet, regardless of whether or not they pay for the service to do so. Data about Internet access was collected by asking if the respondent or any member of the household accessed the Internet. The respondent then selected one of the following three categories: "Yes, by paying a cell phone company or Internet service provider"; "Yes, without paying a cell phone company or Internet service provider"; or "No access to the Internet at the house, apartment or mobile home". Only respondents who answered "Yes, by paying a cell phone company or Internet service provider" were asked the subsequent question about the types of service they had access to such as dial-up, broadband (high speed) service such as cable, fiber-optic, or DSL, a cellular data plan, satellite or some other service.

In 2016, changes were made to the computer and Internet use questions, involving the wording as well as the response options. A crosswalk was used to map pre-2016 data to the post-2016 categories, enabling creation of 5-year data. For more detailed information about the 2016 changes, see the 2016 American Community Survey Content Test Report for Computer and Internet Use located at https://www.census.gov/programs-surveys/acs/methodology/content-test.htm or the user note regarding changes in the 2016 questions located at https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes.html. For more detailed information about the crosswalk, see the user note regarding the crosswalk located at https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes.html.

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Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

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S2801	TYPES OF COMPUTERS AND INTERNET SUBSCRIPTIONS
	2013-2017 American Community Survey 5-Year Estimates

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Subject	Provo city, Utah			
	Total		Percent	
	Estimate	Margin of Error	Estimate	Margin of Error
Total households	32,904	+/-586	(X)	(X)
TYPES OF COMPUTER				
Has one or more types of computing devices:	31,692	+/-551	96.3%	+/-0.6
Desktop or laptop	29,925	+/-602	90.9%	+/-1.2
Desktop or laptop with no other type of computing device	2,529	+/-293	7.7%	+/-0.9
Smartphone	27,859	+/-539	84.7%	+/-1.2
Smartphone with no other type of computing device	620	+/-181	1.9%	+/-0.5
Tablet or other portable wireless computer	21,937	+/-591	66.7%	+/-1.6
Tablet or other portable wireless computer with no other type of computing device	176	+/-126	0.5%	+/-0.4
Other computer	1,339	+/-221	4.1%	+/-0.7
Other computer with no other type of computing device	10	+/-16	0.0%	+/-0.1
No computer	1,212	+/-219	3.7%	+/-0.6
TYPE OF INTERNET SUBSCRIPTIONS				
With an Internet subscription:	24,315	+/-630	73.9%	+/-1.5
Dial-up with no other type of Internet subscription	55	+/-29	0.2%	+/-0.1
Broadband of any type	24,260	+/-631	73.7%	+/-1.5
Cellular data plan	17,404	+/-505	52.9%	+/-1.5
Cellular data plan with no other type of Internet subscription	1,536	+/-312	4.7%	+/-0.9
Broadband such as cable, fiber optic or DSL	22,074	+/-641	67.1%	+/-1.7
Satellite Internet service	1,291	+/-191	3.9%	+/-0.6
Without an Internet subscription	8,589	+/-540	26.1%	+/-1.5
HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS)				
Less than $20,000:	6,527	+/-437	(X)	(X)
With dial-up Internet subscription alone	9	+/-13	0.1%	+/-0.2
With a broadband Internet subscription	3,930	+/-321	60.2%	+/-4.0
Without an Internet subscription	2,588	+/-347	39.7%	+/-4.0
$20,000 to $74,999:	17,511	+/-611	(X)	(X)

Subject	Provo city, Utah			
	Total		Percent	
	Estimate	Margin of Error	Estimate	Margin of Error
With dial-up Internet subscription alone	29	+/-23	0.2%	+/-0.1
With a broadband Internet subscription	12,649	+/-562	72.2%	+/-1.9
Without an Internet subscription	4,833	+/-383	27.6%	+/-2.0
$75,000 or more:	8,866	+/-452	(X)	(X)
With dial-up Internet subscription alone	17	+/-11	0.2%	+/-0.1
With a broadband Internet subscription	7,681	+/-393	86.6%	+/-2.5
Without an Internet subscription	1,168	+/-243	13.2%	+/-2.5

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Data about computer and Internet use were collected by asking respondents to select "Yes" or "No" to each type of computer and each type of Internet subscription. Therefore, respondents were able to select more than one type of computer and more than one type of Internet subscription.

The category "Broadband of any type" refers to those who said "Yes" to at least one of the following types of Internet subscriptions: Broadband such as cable, fiber optic, or DSL; a cellular data plan; satellite; or a fixed wireless subscription. The category "Without an Internet subscription" includes those who accessed the Internet without a subscription and also those with no Internet access at all.

The category "Has one or more types of computing devices" refers to those who said "Yes" to at least one of the following types of computers: Desktop or laptop; smartphone; tablet or other portable wireless computer; or some other type of computer. The category "No computer" consists of those who said "No" to all of these types of computers.

"Desktop or laptop" refers to those who selected that category regardless of whether or not they indicated they also had another type of computer. However, "Desktop or laptop with no other type of computing device" refers to those who said "Yes" to owning or using a desktop or laptop and "No" to smartphone, tablet or other wireless computer, and other computer. Similarly, the same holds true for "Smartphone" compared to "Smartphone with no other type of computing device", "Tablet or other portable wireless computer" compared to "Tablet or other portable wireless computer with no other type of computing device", and "Other computer" compared to "Other computer with no other type of computing device."

An Internet "subscription" refers to a type of service that someone pays for to access the Internet such as a cellular data plan, broadband such as cable, fiber optic or DSL, or other type of service. This will normally refer to a service that someone is billed for directly for Internet alone or sometimes as part of a bundle.

The category "With a broadband Internet subscription" refers to those who said "Yes" to at least one of the following types of Internet subscriptions: Broadband such as cable, fiber optic, or DSL; a cellular data plan; satellite; or a fixed wireless subscription. The category "Without an Internet subscription" includes those who accessed the Internet without a subscription and also those with no Internet access at all.

In 2016, changes were made to the computer and Internet use questions, involving the wording as well as the response options. A crosswalk was used to map pre-2016 data to the post-2016 categories, enabling creation of 5-year data. For more detailed information about the 2016 changes, see the 2016 American Community Survey Content Test Report for Computer and Internet Use located at https://www.census.gov/programs-surveys/acs/methodology/content-test.htm or the user note regarding changes in the 2016 questions located at https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes.html. For more detailed information about the crosswalk, see the user note regarding the crosswalk located at https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes.html.

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Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

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S2802   TYPES OF INTERNET SUBSCRIPTIONS BY SELECTED CHARACTERISTICS

2013-2017 American Community Survey 5-Year Estimates

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Subject	Provo city, Utah				
	Total		**With a computer**		
			Broadband Internet Subscription		**Percent Broadband Internet Subscription**
	Estimate	**Margin of Error**	**Estimate**	**Margin of Error**	**Estimate**
Total population in households	105,417	+/-851	80,410	+/-1,924	76.3%
AGE					
Under 18 years	25,760	+/-678	20,682	+/-911	80.3%
18 to 64 years	72,840	+/-877	54,431	+/-1,495	74.7%
65 years and over	6,817	+/-309	5,297	+/-315	77.7%
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	93,504	+/-1,431	72,006	+/-2,052	77.0%
Black or African American alone	616	+/-226	465	+/-223	75.5%
American Indian and Alaska Native alone	561	+/-191	400	+/-174	71.3%
Asian alone	2,653	+/-498	2,024	+/-421	76.3%
Native Hawaiian and Other Pacific Islander alone	1,338	+/-333	1,015	+/-303	75.9%
Some other race alone	2,920	+/-711	1,518	+/-403	52.0%
Two or more races	3,825	+/-654	2,982	+/-514	78.0%
Hispanic or Latino origin (of any race)	18,033	+/-1,265	11,141	+/-1,116	61.8%
White alone, not Hispanic or Latino	79,169	+/-1,614	62,970	+/-1,973	79.5%
EDUCATIONAL ATTAINMENT					
Household population 25 years and over	46,694	+/-910	36,884	+/-906	79.0%
Less than high school graduate or equivalency	3,441	+/-340	2,183	+/-299	63.4%
High school graduate (includes equivalency), some college or associate's degree	23,142	+/-932	17,967	+/-814	77.6%
Bachelor's degree or higher	20,111	+/-857	16,734	+/-757	83.2%
EMPLOYMENT STATUS					
Civilian population 16 years and over	81,779	+/-888	61,547	+/-1,582	75.3%
In labor force	58,139	+/-1,178	43,270	+/-1,457	74.4%
Employed	55,347	+/-1,122	41,089	+/-1,422	74.2%
Unemployed	2,792	+/-353	2,181	+/-309	78.1%
Not in labor force	23,640	+/-934	18,277	+/-905	77.3%

Subject	Provo city, Utah				
	With a computer				
	Percent Broadband Internet Subscription	Without an Internet Subscription		Percent without an Internet Subscription	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total population in households	+/-1.6	22,542	+/-1,673	21.4%	+/-1.6
AGE					
Under 18 years	+/-2.5	4,599	+/-609	17.9%	+/-2.4
18 to 64 years	+/-1.9	17,116	+/-1,362	23.5%	+/-1.9
65 years and over	+/-3.0	827	+/-184	12.1%	+/-2.6
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	+/-1.8	19,473	+/-1,645	20.8%	+/-1.7
Black or African American alone	+/-15.6	151	+/-94	24.5%	+/-15.6
American Indian and Alaska Native alone	+/-16.9	161	+/-101	28.7%	+/-16.9
Asian alone	+/-8.2	553	+/-228	20.8%	+/-7.5
Native Hawaiian and Other Pacific Islander alone	+/-13.6	131	+/-105	9.8%	+/-7.7
Some other race alone	+/-11.5	1,342	+/-570	46.0%	+/-12.2
Two or more races	+/-4.7	731	+/-190	19.1%	+/-4.2
Hispanic or Latino origin (of any race)	+/-4.7	5,977	+/-949	33.1%	+/-4.7
White alone, not Hispanic or Latino	+/-1.6	14,905	+/-1,243	18.8%	+/-1.6
EDUCATIONAL ATTAINMENT					
Household population 25 years and over	+/-1.6	7,956	+/-818	17.0%	+/-1.7
Less than high school graduate or equivalency	+/-6.1	915	+/-198	26.6%	+/-5.5
High school graduate (includes equivalency), some college or associate's degree	+/-2.3	3,958	+/-546	17.1%	+/-2.1
Bachelor's degree or higher	+/-1.9	3,083	+/-412	15.3%	+/-1.9
EMPLOYMENT STATUS					
Civilian population 16 years and over	+/-1.7	18,225	+/-1,415	22.3%	+/-1.7
In labor force	+/-2.1	13,941	+/-1,260	24.0%	+/-2.1
Employed	+/-2.2	13,415	+/-1,253	24.2%	+/-2.2
Unemployed	+/-6.4	526	+/-175	18.8%	+/-5.8
Not in labor force	+/-1.9	4,284	+/-440	18.1%	+/-1.8

Subject	Provo city, Utah			
	No computer in household		Percent no computer in household	
	Estimate	Margin of Error	Estimate	Margin of Error
Total population in households	2,317	+/-504	2.2%	+/-0.5
AGE				
Under 18 years	401	+/-183	1.6%	+/-0.7
18 to 64 years	1,245	+/-356	1.7%	+/-0.5
65 years and over	671	+/-156	9.8%	+/-2.3
RACE AND HISPANIC OR LATINO ORIGIN				
White alone	1,894	+/-420	2.0%	+/-0.5
Black or African American alone	0	+/-27	0.0%	+/-4.7
American Indian and Alaska Native alone	0	+/-27	0.0%	+/-5.2
Asian alone	59	+/-62	2.2%	+/-2.2
Native Hawaiian and Other Pacific Islander alone	192	+/-172	14.3%	+/-12.5
Some other race alone	60	+/-83	2.1%	+/-3.0
Two or more races	112	+/-131	2.9%	+/-3.2
Hispanic or Latino origin (of any race)	915	+/-395	5.1%	+/-2.1
White alone, not Hispanic or Latino	1,163	+/-235	1.5%	+/-0.3
EDUCATIONAL ATTAINMENT				
Household population 25 years and over	1,784	+/-374	3.8%	+/-0.8
Less than high school graduate or equivalency	337	+/-145	9.8%	+/-4.0
High school graduate (includes equivalency), some college or associate's degree	1,212	+/-273	5.2%	+/-1.2
Bachelor's degree or higher	235	+/-99	1.2%	+/-0.5
EMPLOYMENT STATUS				
Civilian population 16 years and over	1,925	+/-391	2.4%	+/-0.5
In labor force	916	+/-276	1.6%	+/-0.5
Employed	831	+/-255	1.5%	+/-0.5
Unemployed	85	+/-87	3.0%	+/-3.0
Not in labor force	1,009	+/-200	4.3%	+/-0.8

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