Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics: 2004-2013

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2013, American Community Survey (ACS), 2011-2013 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

		UHAS					BRF	SS	BRFSS and ACS		
Population Group		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Age 0 to 5	Total Population Size # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound							2 2			307,044 20,000 6.5% 4.5% 9.4%
Age 1 to 5	Total Population Size	238,550	245,814	250,974	259,452	264,441	265,630	270,176	267,243	266,530	
	# Uninsured Persons	19,400	17,300	25,900	23,800	17,400	15,300	19,100	15,100	19,700	
	% Uninsured	8.1%	7.0%	10.3%	9.2%	6.6%	5.8%	7.1%	5.6%	7.4%	
	Lower 95% Confidence Bound	5.8%	4.8%	7.3%	6.4%	4.5%	3.4%	4.4%	4.1%	5.2%	
	Upper 95% Confidence Bound	11.3%	10.2%	14.4%	13.1%	9.5%	9.7%	11.3%	7.7%	10.3%	
Age 6 to 18	Total Population Size	520,800	529,618	540,007	574,313	585,463	585,824	595,830	611,680	619,421	633,506
	# Uninsured Persons	45,200	51,800	58,900	61,000	52,100	39,200	42,900	54,700	58,600	56,300
	% Uninsured	8.7%	9.8%	10.9%	10.6%	8.9%	6.7%	7.2%	8.9%	9.5%	8.9%
	Lower 95% Confidence Bound	6.8%	7.4%	8.5%	7.8%	6.2%	5.0%	5.3%	7.4%	7.4%	7.1%
A == 40 to 20	Upper 95% Confidence Bound	11.0%	12.9%	13.9% 354,702	14.3% 409,690	12.6% 391,442	8.8% 381,039	9.7%	10.8%	12.0% 373,679	<u>11.1%</u> 372,507
Age 19 to 26	Total Population Size	369,311	364,234	,	,	,	,	387,550	370,962		,
	# Uninsured Persons	63,100	85,000	72,500	70,300	95,600	93,400	110,700	87,600	78,100	68,500
	% Uninsured	17.1%	23.3%	20.4%	17.2%	24.4%	24.5%	28.6%	23.6%	20.9%	18.4%
	Lower 95% Confidence Bound Upper 95% Confidence Bound	14.0% 20.6%	19.1% 28.1%	16.1% 25.6%	13.2% 22.0%	19.0% 30.8%	18.5% 31.7%	21.8% 36.5%	19.7% 28.0%	16.9% 30.8%	14.9% 22.5%
Age 27 to 34	Total Population Size	316,947	335,353	353.444	324,034	358.342	365,481	371,727	362,697	365,303	356,580
Age 21 to 54	# Uninsured Persons	52,500	49,800	67,700	58,300	51,000	66,600	56,100	87,500	95,500	69,400
	% Uninsured	16.6%	14.8%	19.2%	18.0%	14.2%	18.2%	15.1%	24.1%	26.1%	19.5%
	Lower 95% Confidence Bound	13.6%	11.6%	15.6%	14.2%	11.1%	14.6%	11.7%	20.7%	22.0%	16.3%
	Upper 95% Confidence Bound	20.1%	18.9%	23.3%	22.5%	18.1%	22.6%	19.3%	28.0%	30.8%	23.1%
Age 35 to 49	Total Population Size	457,324	465,964	474,698	490,887	505,903	502,866	511,466	494,798	501,888	522,069
rigo oo to io	# Uninsured Persons	52,700	63,500	56,300	52,600	59,900	63,200	63,900	88,800	70,100	69,700
	% Uninsured	11.5%	13.6%	11.9%	10.7%	11.8%	12.6%	12.5%	18.0%	14.0%	13.3%
	Lower 95% Confidence Bound	9.4%	11.3%	9.6%	8.7%	9.1%	10.4%	10.4%	15.7%	11.6%	11.3%
	Upper 95% Confidence Bound	14.1%	16.4%	14.5%	13.2%	15.2%	15.1%	14.9%	20.4%	16.7%	15.7%
Age 50 to 64	Total Population Size	307,863	323,963	339,153	359,075	385,029	391,345	398,030	401,728	414,116	425,531
_	# Uninsured Persons	16,500	28,000	25,100	20,000	29,300	32,500	33,800	43,600	52,200	46,500
	% Uninsured	5.4%	8.6%	7.4%	5.6%	7.6%	8.3%	8.5%	10.9%	12.6%	10.9%
	Lower 95% Confidence Bound	4.0%	6.7%	5.7%	4.1%	5.7%	6.8%	6.9%	9.0%	10.6%	9.1%
	Upper 95% Confidence Bound	7.1%	11.1%	9.5%	7.5%	10.1%	10.2%	10.4%	13.0%	14.9%	13.1%
Age 65 and Over	Total Population Size	207,920	212,582	217,313	227,928	237,275	253,594	257,876	254,565	262,660	283,635
	# Uninsured Persons	***	***	***	***	2,500	***	***	***	***	2,200*
	% Uninsured	***	***	***	***	1.0%	***	**	**	**	0.8%*
	Lower 95% Confidence Bound	***	***	***	***	0.4%	***	**	**	**	0.4%*
	Upper 95% Confidence Bound	***	***	***	***	2.8%	***	**	**	**	1.6%*
Total, All Utahns	Total Population Size	2,469,230	2,528,926	2,582,371	2,699,554	2,781,954	2,800,089	2,847,897	2,817,222	2,855,430	2,900,872
	# Uninsured Persons	251,400	292,800	306,500	287,200	298,200	314,300	301,700	377,700	376,600	335,700
	% Uninsured	10.2%	11.6%	11.9%	10.6%	10.7%	11.2%	10.6%	13.4%	13.2%	11.6%
	Lower 95% Confidence Bound	8.9%	10.1%	10.4%	9.1%	9.0%	10.1%	9.6%	12.5%	12.1%	10.5%
	Upper 95% Confidence Bound	11.6%	13.3%	13.6%	12.4%	12.7%	12.4%	11.6%	14.4%	14.3%	12.7%

Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics: 2004-2013

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2013, American Community Survey (ACS), 2011-2013 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

		UHAS					BRF	SS	BRFSS and ACS		
Population Group		2004	2005	2006 2007		2008	2009	2010	2011	2012	2013
Total, All Utahns	Total Population Size ¹								543,400	583,900	564,700
0-138% FPL	# Uninsured Persons								174,100	166,700	144,900
	% Uninsured								32.0%	28.5%	25.7%
	Lower 95% Confidence Bound								29.2%	24.9%	22.5%
	Upper 95% Confidence Bound								35.0%	32.5%	29.1%
Total, All Utahns	Total Population Size ¹								2,273,800	2,271,500	2,336,200
Above 138% FPL	# Uninsured Persons								150,600	148,000	145,100
	% Uninsured								7.0%	6.7%	6.2%
	Lower 95% Confidence Bound								6.2%	5.7%	5.3%
	Upper 95% Confidence Bound								8.0%	7.8%	7.2%
Ago 0 64	Total Population Size ¹	T T				I			F12 400	552,200	526,900
Age 0-64 0-138% FPL	# Uninsured Persons								512,400 173,900	171,600	143,800
U-130% FPL	% Uninsured								33.9%	31.1%	27.3%
	Lower 95% Confidence Bound								30.9%	27.2%	24.0%
	Upper 95% Confidence Bound								37.1%	35.3%	30.9%
Children	Total Population Size	771,112	788,452	804,569	838,407	857,680	860,368	875,077	886,110	892,307	896,589
Age 0-17	# Uninsured Persons	62,800	67,300	83,200	76,700	71,700	59,700	51,700	69,600	80,500	75,900
	% Uninsured	8.2%	8.5%	10.3%	9.2%	8.4%	6.9%	5.9%	7.9%	9.0%	8.5%
	Lower 95% Confidence Bound	6.5%	6.6%	8.3%	6.9%	6.1%	5.5%	4.6%	6.8%	7.5%	7.1%
	Upper 95% Confidence Bound	10.2%	11.0%	12.9%	12.0%	11.3%	8.8%	7.6%	9.1%	10.8%	10.1%
Children	Total Population Size ¹								199,800	220,200	209,000
Age 0-17	# Uninsured Persons								36,900	31,400	39,700
0-138% poverty	% Uninsured								18.5%	14.3%	19.0%
	Lower 95% Confidence Bound								15.2%	10.2%	15.0%
	Upper 95% Confidence Bound								22.3%	19.7%	23.8%
Children	Total Population Size ¹	333,600	299,400	315,100	342,200	328,900	332,300	336,600	346,400	374,800	350,600
Age 0-17	# Uninsured Persons	46,100	48,700	64,400	52,900	51,700	40,800	35,900	50,900	45,100	50,000
0-200% poverty	% Uninsured	13.8%	16.3%	20.5%	15.5%	15.7%	12.3%	10.7%	14.7%	12.0%	14.3%
	Lower 95% Confidence Bound Upper 95% Confidence Bound	10.4% 18.1%	11.8% 22.0%	15.7% 26.2%	10.8% 21.7%	11.0% 22.0%	9.0% 16.5%	7.9% 14.3%	12.3% 17.5%	9.1% 15.7%	11.6% 17.5%
	Opper 93 % Confidence Bound	10.176	22.076	20.2 /0	21.770	22.078	10.5%	14.376	17.5%	13.7 /8	17.5%
Children	Total Population Size	809,865	826,830	843,061	887,940	903,963	905,764	921,248	932,472	937,784	940.550
Age 0-18	# Uninsured Persons	66,800	71,300	89,500	87,800	75,900	60,300	64,500	75,700	88,600	81,600
7.90	% Uninsured	8.3%	8.6%	10.6%	9.9%	8.4%	6.7%	7.0%	8.1%	9.4%	8.7%
	Lower 95% Confidence Bound	6.6%	6.6%	8.5%	7.5%	6.2%	5.2%	5.5%	7.0%	7.9%	7.3%
	Upper 95% Confidence Bound	10.2%	11.1%	13.1%	12.9%	11.3%	8.4%	8.9%	9.4%	11.2%	10.3%
Children	Total Population Size ¹								210,200	231,400	219,300
Age 0-18	# Uninsured Persons								38,500	37,400	41,100
0-138% poverty	% Uninsured								18.3%	16.1%	18.7%
	Lower 95% Confidence Bound	1							15.1%	11.7%	14.8%
	Upper 95% Confidence Bound	 							22.1%	21.9%	23.4%
Children	Total Population Size ¹	346,900	312,300	322,600	361,400	337,900	352,300	362,900	364,500	393,900	367,800
Age 0-18	# Uninsured Persons	48,600	52,400	67,800	59,800	55,000	42,800	44,800	53,400	51,400	53,500
0-200% poverty	% Uninsured	14.0%	16.8%	21.0%	16.5%	16.3%	12.1%	12.3%	14.6%	13.1%	14.5%
	Lower 95% Confidence Bound	10.6%	12.2%	16.3%	11.4%	11.2%	8.9%	9.1%	12.3%	10.0%	11.8%
CHIP Target	Upper 95% Confidence Bound	18.3%	22.6%	26.7%	23.3%	23.0%	16.4%	16.6%	17.4%	16.9%	17.8%

Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics: 2004-2013

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2013, American Community Survey (ACS), 2011-2013 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

		UHAS					BRF	SS	BRFSS and ACS		
Population Group		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Adults	Total Population Size	1,698,118	1,740,474	1,777,802	1,861,147	1,924,274	1,939,721	1,972,820	1,931,112	1,963,123	2,004,283
Age 18+	# Uninsured Persons	187,000	225,600	225,400	209,200	227,600	251,900	246,300	309,000	297,300	259,500
	% Uninsured	11.0%	13.0%	12.7%	11.2%	11.8%	13.0%	12.5%	16.0%	15.1%	12.9%
	Lower 95% Confidence Bound	9.7%	11.4%	11.1%	9.7%	10.1%	11.5%	11.1%	14.8%	13.8%	11.8%
	Upper 95% Confidence Bound	12.5%	14.7%	14.4%	13.0%	13.8%	14.7%	14.0%	17.3%	16.6%	14.2%
Adults	Total Population Size	1,490,198	1,527,892	1,560,489	1,633,219	1,686,999	1,686,127	1,714,944	1,676,547	1,700,463	1,720,600
Age 18-64	# Uninsured Persons	184,900	224,400	225,600	211,000	228,100	251,100	247,100	309,300	298,700	258,700
	% Uninsured	12.4%	14.7%	14.5%	12.9%	13.5%	14.9%	14.4%	18.5%	17.6%	15.0%
	Lower 95% Confidence Bound	11.0%	12.9%	12.7%	11.2%	11.5%	13.1%	12.8%	17.0%	16.0%	13.7%
	Upper 95% Confidence Bound	14.0%	16.6%	16.4%	14.9%	15.8%	16.8%	16.2%	20.0%	19.3%	16.5%
Adults	Total Population Size	1,451,445	1,489,514	1,521,997	1,583,686	1,640,716	1,640,731	1,668,773	1,630,185	1,654,986	1,676,687
Age 19-64	# Uninsured Persons	181,600	221,600	220,100	200,300	224,900	251,500	235,700	304,500	293,000	253,300
Age 13-04	% Uninsured	12.5%	14.9%	14.5%	12.7%	13.7%	15.3%	14.1%	18.7%	17.7%	15.1%
	Lower 95% Confidence Bound	11.1%	13.1%	12.7%	10.9%	11.7%	13.5%	12.6%	17.2%	16.1%	13.8%
1	Upper 95% Confidence Bound	14.1%	16.8%	16.4%	14.6%	16.0%	17.3%	15.9%	20.2%	19.4%	16.5%
Adults	Total Population Size ¹								303,800	323,100	309,600
Age 19-64	# Uninsured Persons								131,500	122,200	103,700
0-138% poverty	% Uninsured								43.3%	37.8%	33.5%
0 10070 percity	Lower 95% Confidence Bound								39.1%	32.8%	29.5%
	Upper 95% Confidence Bound								47.6%	43.1%	37.8%
Adults	Total Population Size ¹	276,900	297,500	259,200	277,000	279,900	385,200	355,500	337,200	354,400	348,900
Age 19-64	# Uninsured Persons	91,500	112,200	104,100	95,900	97,000	137,200	141,900	139,200	128,300	111,600
0-150% poverty	% Uninsured	33.1%	37.7%	40.2%	34.6%	34.6%	35.6%	39.9%	41.3%	36.2%	32.0%
	Lower 95% Confidence Bound	27.9%	31.9%	33.7%	28.4%	27.0%	30.1%	34.6%	37.3%	31.6%	28.3%
PCN Target	Upper 95% Confidence Bound	38.7%	43.9%	47.0%	41.4%	43.1%	41.5%	45.5%	45.3%	41.0%	35.9%
									<u> </u>		
Adults	Total Population Size ²	837,200	860,300	919,700	951,800	946,500	860,300	904,800	855,700	922,000	946,300
Age 19-64	# Uninsured Persons	75,600	110,300	107,600	103,000	106,000	75,400	78,600	113,300	127,900	109,500
Employed	% Uninsured	9.0%	12.8%	11.7%	10.8%	11.2%	8.8%	8.7%	13.2%	13.9%	11.6%
Full Time	Lower 95% Confidence Bound	7.6%	10.7%	9.9%	8.9%	9.1%	7.0%	7.1%	11.5%	11.9%	9.9%
	Upper 95% Confidence Bound	10.7%	15.2%	13.8%	13.0%	13.7%	11.0%	10.6%	15.2%	16.1%	13.4%
Adults	Total Population Size ²	262,000	249,900	240,200	236,900	263,800	227,400	261,700	227,400	309,300	348,200
Age 19-64	# Uninsured Persons	35,000	43,000	39,300	31,500	45,600	40,000	49,200	60,400	60,600	66,500
Employed	% Uninsured	13.4%	17.2%	16.4%	13.3%	17.3%	17.6%	18.8%	26.6%	19.6%	19.1%
Part Time	Lower 95% Confidence Bound	10.6%	13.8%	13.1%	10.1%	12.7%	12.9%	14.3%	22.2%	16.1%	15.8%
	Upper 95% Confidence Bound	16.7%	21.2%	20.3%	17.4%	23.1%	23.5%	24.3%	31.4%	23.7%	22.9%
Adults	Total Population Size ²	206,800	218,700	208,800	235,400	255,900	153,700	163,000	146,800	171,000	162,400
Age 19-64	# Uninsured Persons	35,000	46,700	36,200	53,300	41,100	36,000	39,000	42,700	44,700	38,300
Self-employed ³	% Uninsured	16.9%	21.3%	17.3%	22.7%	16.1%	23.4%	23.9%	29.1%	26.1%	23.6%
	Lower 95% Confidence Bound	13.2%	17.2%	13.4%	17.2%	12.1%	17.4%	18.3%	23.7%	21.0%	18.7%
	Upper 95% Confidence Bound	21.5%	26.2%	22.1%	29.2%	21.1%	30.8%	30.6%	35.2%	32.0%	29.3%

Sources:

2004-2008 Survey Estimates: Utah Healthcare Access Survey (UHAS). The UHAS was administered in the Office Of Public Health Assessment, Center for Health Data and Informatics, Utah Department of Health. For more information, please contact the Center for Health Data and Informatics (phone: 801-538-9191, E-mail: chdata@utah.gov).

2009-2013 Survey Estimates: Utah Behavioral Risk Factor Surveillance System (BRFSS). The BRFSS is administered in the Office of Public Health Assessment, Center for Health Data and Informatics, Utah Department of Health, in partnership with the Centers for Disease Control and Prevention. For more information, please contact the Center for Health Data and Informatics (phone: 801-538-9191, E-mail: chdata@utah.gov).

<u>Population Estimates 2004-2010</u>: The Utah Governor's Office of Management and Budget (GOMB) and the Utah Populations Estimates Committee (UPEC), Available from the Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health (IBIS-PH) website at time of publication for each of the yearly estimates.

<u>Population Estimates 2011-2013</u>: The U.S. Bureau of the Census. Available from the Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health (IBIS-PH) website at time of publication for each of the yearly estimates.

Notes:

- ^{1.} These poverty population size estimates were based on percentage estimates from UHAS (2001,2003-2008), BRFSS (2009-2010) and ACS (2011-2013, Table B27016), and have been rounded to the nearest 100 persons. The percentage estimates at specfied poverty levels were applied to GOMB and U.S. Census Bureau Population Estimates. The ACS poverty estimates for the 0-17 age group were also applied to the 0-18 age group, and those for the 18-64 age group were applied to the 19-64 age group as the ACS provided no estimates specifically for the 0-18 or 19-64 age groups.
- ^{2.} These employment-related population size estimates were based on the UHAS (2001,2003-2008) and BRFSS (2009-2013) estimates, and have been rounded to the nearest 100 persons. The employment questions that these estimates were based on differed in the surveys and may partly account for changes in these estimates between years 2008 and 2009.
- 3. Self-employed persons may be employed full or part time.
- *The estimate has a relative standard error above 30% and should be interpreted with caution.
- ** The estimate has been suppressed because 1) The relative standard error is greater than 50% or when the relative standard error can't be determined or 2) it could be used to calculate the number in a cell that has been suppressed.
- *** The sample size was insufficient to calculate a reliable population estimate.
- In 2013, the CDC provided an Optional Module for the BRFSS regarding Insurance and Access. The module was used by other states throughout the U.S. but was slightly different than Utah's standard questions. Changes to the questionnaire may have contributed to the differences in some of the estimates for this year.
- Estimates for the number of uninsured persons have been rounded to the nearest 100 persons.
- Asymmetric confidence bounds were calculated using the logit transformation (SAS callable SUDAAN).
- For 2004-2008, UHAS data have been weighted to reflect the age, sex, geographic, and Hispanic status of the state of Utah.
- For 2009-2010, BRFSS data have been weighted to reflect the age, sex, and geographic status of the state of Utah.
- For 2011-2013, BRFSS data have been weighted to relect the age, sex, geographic region, education, race/ethnicity, marital status, home ownership/renter, and telephone status of the state of Utah.
- Population size estimates reported for 2004-2008 are from previously-published UHAS reports and do not reflect post-publication revisions released by the Governor's Office of Planning and Budget (GOPB).
- The Utah Healthcare Access Survey was discontinued after 2008.