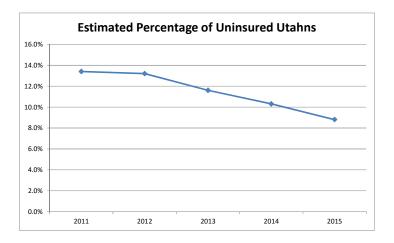


# SUMMARY OF 2015 HEALTH INSURANCE ANALYSIS FROM THE BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM (BRFSS)

The Utah Department of Health has completed its annual estimates of the uninsured rates in Utah.

1. The estimated overall rate of uninsured persons for all Utahns is the lowest it has been in more than 10 years at 8.8%. The decreasing trend over the last five years is significant.



- 2. Another significant trend is the decrease in uninsured 19-26 year olds. In 2011 23.6% of those 19-26 lacked insurance but in 2015 only 12.0% in this age group did not have insurance.
- 3. The number of Utahns from 0-138% of the federal poverty level without insurance has also decreased during the last five years (32% in 2011) to (21% & 22% in 2014-2015).

While some categories saw slight increases in the estimates percentages from the last year, none of these changes were significant and are likely a reflection of normal variability in the data.

Access to healthcare is only one of the major factors to impact on our strategic goal of "the Healthiest People." Improvements in other factors such as using preventive and primary care and affordability of care are needed as well.

Notes: The BRFSS is a surveillance survey that is conducted in all states and territories in partnership with the Centers for Disease Control (CDC). Data has been collected in Utah since 1984. Estimates are based on a sample of Utah residents. Interviews were conducted in English and Spanish via both landline and cell phones. The health insurance questions were asked of over 5,000 adults about their coverage at that point in time. Respondents were asked if they were currently covered by an insurance plan, the type of plan, if they were employed, and household income.

There are several surveys that collect data and estimate uninsured rates. These rates may vary based on target populations in sample, data collection mode, type of measures/questions, timeframe measured, imputation of missing values, etc. The estimates are usually fairly close and show the same trends. Utah uses BRFSS to create these estimates because it allows us to break the data down by different geographic areas and demographics to meet needed reporting requirements.

## Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2015, American Community Survey (ACS), 2011-2015 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

Р	onulation Group	UHAS				BRFSS		BRFSS and ACS					
F	Population Group		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Age 0 to 5	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound									307,044 <b>20,000</b> <b>6.5%</b> 4.5% 9.4%	304,400 13,000 4.3% 2.9% 6.2%	302,900 16,100 5.3% 3.5% 7.9%	
Age 1 to 5	Total Population Size # Uninsured Persons	245,814 <b>17,300</b>	250,974 <b>25,900</b>	259,452 <b>23,800</b>	264,441 <b>17,400</b>	265,630 <b>15,300</b>	270,176 <b>19,100</b>	267,243 <b>15,100</b>	266,530 <b>19,700</b>				
	% Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound	<b>7.0%</b> 4.8% 10.2%	<b>10.3%</b> 7.3% 14.4%	<b>9.2%</b> 6.4% 13.1%	<b>6.6%</b> 4.5% 9.5%	<b>5.8%</b> 3.4% 9.7%	<b>7.1%</b> 4.4% 11.3%	<b>5.6%</b> 4.1% 7.7%	<b>7.4%</b> 5.2% 10.3%				
Age 6 to 18	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured	529,618 <b>51,800</b> <b>9.8%</b>	540,007 <b>58,900</b> <b>10.9%</b>	574,313 <b>61,000</b> <b>10.6</b> %	585,463 <b>52,100</b> <b>8.9</b> %	585,824 <b>39,200</b> <b>6.7</b> %	595,830 <b>42,900</b> <b>7.2</b> %	611,680 <b>54,700</b> <b>8.9</b> %	619,421 <b>58,600</b> <b>9.5%</b>	633,506 <b>56,300</b> <b>8.9</b> %	643,500 <b>37,300</b> <b>5.8%</b>	655,300 <b>49,400</b> <b>7.5</b> %	
	Lower 95% Confidence Bound Upper 95% Confidence Bound	7.4% 12.9%	8.5% 13.9%	7.8% 14.3%	6.2% 12.6%	5.0% 8.8%	5.3% 9.7%	7.4% 10.8%	7.4% 12.0%	7.1% 11.1%	4.5% 7.5%	5.7% 9.9%	
Age 19 to 26	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound	364,234 <b>85,000</b> <b>23.3%</b> 19.1%	354,702 <b>72,500</b> <b>20.4%</b> 16.1%	409,690 <b>70,300</b> <b>17.2%</b> <i>13.2%</i>	391,442 <b>95,600</b> <b>24.4%</b> 19.0%	381,039 <b>93,400</b> <b>24.5%</b> 18.5%	387,550 110,700 28.6% 21.8%	370,962 <b>87,600</b> <b>23.6%</b> 19.7%	373,679 <b>78,100</b> <b>20.9%</b> 16.9%	372,507 <b>68,500</b> <b>18.4%</b> 14.9%	378,200 <b>61,800</b> <b>16.3%</b> 13.3%	387,900 46,600 12.0% 9.2%	
Age 27 to 34	Upper 95% Confidence Bound  Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured	28.1% 335,353 <b>49,800</b> <b>14.8%</b>	25.6% 353,444 <b>67,700</b> <b>19.2%</b>	22.0% 324,034 <b>58,300</b> <b>18.0</b> %	30.8% 358,342 <b>51,000</b> <b>14.2%</b>	31.7% 365,481 <b>66,600</b> <b>18.2</b> %	36.5% 371,727 <b>56,100</b> <b>15.1</b> %	28.0% 362,697 <b>87,500</b> <b>24.1</b> %	30.8% 365,303 <b>95,500</b> <b>26.1%</b>	22.5% 356,580 <b>69,400</b> <b>19.5</b> %	19.9% 352,000 <b>76,300</b> <b>21.7</b> %	15.6% 348,300 <b>57,800</b> 16.6%	
	Lower 95% Confidence Bound Upper 95% Confidence Bound	11.6% 18.9%	15.6% 23.3%	14.2% 22.5%	11.1% 18.1%	14.6% 22.6%	11.7% 19.3%	20.7% 28.0%	22.0% 30.8%	16.3% 23.1%	18.3% 25.5%	13.2% 20.7%	
Age 35 to 49	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound	465,964 <b>63,500</b> <b>13.6%</b> 11.3% 16.4%	474,698 <b>56,300</b> <b>11.9%</b> 9.6% 14.5%	490,887 <b>52,600</b> <b>10.7%</b> 8.7% 13.2%	505,903 <b>59,900</b> <b>11.8%</b> 9.1% 15.2%	502,866 <b>63,200</b> <b>12.6%</b> 10.4% 15.1%	511,466 63,900 12.5% 10.4% 14.9%	494,798 <b>88,800</b> <b>18.0%</b> 15.7% 20.4%	501,888 <b>70,100</b> <b>14.0%</b> <i>11.6%</i> <i>16.7%</i>	522,069 <b>69,700</b> <b>13.3%</b> 11.3% 15.7%	537,200 <b>76,500</b> <b>14.2%</b> 12.2% 16.5%	555,400 <b>64,000</b> <b>11.5%</b> 9.4% 14.1%	
Age 50 to 64	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound	323,963 28,000 8.6% 6.7% 11.1%	339,153 <b>25,100</b> <b>7.4%</b> 5.7% 9.5%	359,075 20,000 5.6% 4.1% 7.5%	385,029 29,300 7.6% 5.7% 10.1%	391,345 <b>32,500</b> <b>8.3%</b> 6.8% 10.2%	398,030 33,800 8.5% 6.9% 10.4%	401,728 43,600 10.9% 9.0% 13.0%	414,116 <b>52,200</b> <b>12.6%</b> 10.6% 14.9%	425,531 <b>46,500</b> <b>10.9%</b> 9.1% 13.1%	432,300 <b>34,100</b> <b>7.9%</b> 6.4% 9.8%	438,300 <b>36,400</b> <b>8.3%</b> 6.2%	
Age 65 and Over	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound	212,582	217,313 *** *** *** ***	7.5% 227,928 *** *** ***	237,275 2,500 1.0% 0.4% 2.8%	253,594 *** *** *** ***	257,876 *** ** **	254,565 *** ** **	262,660 *** ** ** **	283,635 2,200* 0.8%* 0.4%* 1.6%*	295,300 2,100 0.7% 0.4% 1.3%	307,900 *** ** **	
Total, All Utahns	Total Population Size <sup>1</sup> # Uninsured Persons % Uninsured Lower 95% Confidence Bound Upper 95% Confidence Bound	2,528,926 <b>292,800</b> <b>11.6%</b> 10.1% 13.3%	2,582,371 <b>306,500</b> <b>11.9%</b> 10.4% 13.6%	2,699,554 <b>287,200</b> <b>10.6%</b> 9.1% 12.4%	2,781,954 298,200 10.7% 9.0% 12.7%	2,800,089 <b>314,300</b> <b>11.2%</b> 10.1% 12.4%	2,847,897 <b>301,700</b> <b>10.6%</b> 9.6% 11.6%	2,817,222 377,700 13.4% 12.5% 14.4%	2,855,430 <b>376,600</b> <b>13.2%</b> 12.1% 14.3%	2,900,872 335,700 11.6% 10.5% 12.7%	2,942,900 303,500 10.3% 9.5% 11.2%	2,995,900 <b>265,100</b> <b>8.8%</b> 7.9% 9.9%	

## Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2015, American Community Survey (ACS), 2011-2015 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

Population Group		UHAS				BRFSS		BRFSS and ACS					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Total, All Utahns	Total Population Size <sup>1</sup>							543,400	583,900	564,700	533,900	520,800	
0-138% FPL	# Uninsured Persons							174,100	166,700	144,900	109,900	113,300	
	% Uninsured							32.0%	28.5%	25.7%	20.6%	21.7%	
	Lower 95% Confidence Bound							29.2%	24.9%	22.5%	18.0%	18.3%	
	Upper 95% Confidence Bound							35.0%	32.5%	29.1%	23.4%	25.6%	
Total, All Utahns	Total Population Size <sup>1</sup>							2,273,800	2,271,500	2,336,200	2,409,000	2,475,100	
Above 138% FPL	# Uninsured Persons							150,600	148,000	145,100	121,300	104,400	
	% Uninsured							7.0%	6.7%	6.2%	5.0%	4.2%	
	Lower 95% Confidence Bound							6.2%	5.7%	5.3%	4.3%	3.4%	
	Upper 95% Confidence Bound							8.0%	7.8%	7.2%	5.9%	5.2%	
	T. (12 ) (1 ) (1		1					=					
Age 0-64	Total Population Size <sup>1</sup>							512,400	552,200	526,900	498,000	483,500	
0-138% FPL	# Uninsured Persons							173,900	171,600	143,800	108,100	110,400	
	% Uninsured							33.9%	31.1%	27.3%	21.7%	22.8%	
	Lower 95% Confidence Bound							30.9%	27.2%	24.0%	19.0%	19.2%	
	Upper 95% Confidence Bound							37.1%	35.3%	30.9%	24.7%	26.9%	
Children	Total Population Size <sup>1</sup>	788,452	804,569	838,407	857,680	860,368	875,077	886,110	892,307	896,589	904,115	912,500	
Age 0-17		1 ' 1	83,200	76,700	71,700	59,700	51,700	69,600	80,500	75,900	43,600	52,200	
Age 0-17	# Uninsured Persons	67,300						•		1			
	% Uninsured Lower 95% Confidence Bound	<b>8.5%</b> 6.6%	<b>10.3%</b> 8.3%	<b>9.2%</b> 6.9%	<b>8.4%</b> 6.1%	<b>6.9%</b> 5.5%	<b>5.9%</b> 4.6%	7.9%	<b>9.0%</b> 7.5%	8.5% 7.1%	<b>4.8%</b> 3.9%	<b>5.7</b> % 4.5%	
			12.9%		11.3%		4.6% 7.6%	6.8%	7.5% 10.8%				
Ole Halman	Upper 95% Confidence Bound	11.0%	12.9%	12.0%	11.3%	8.8%	7.0%	9.1%		10.1%	6.0%	7.2%	
Children	Total Population Size <sup>1</sup>							199,800	220,200	209,000	191,400	187,700	
Age 0-17	# Uninsured Persons							36,900	31,400	39,700	18,400	19,900	
0-138% poverty	% Uninsured							18.5%	14.3%	19.0%	9.6%	10.6%	
	Lower 95% Confidence Bound							15.2% 22.3%	10.2% 19.7%	15.0% 23.8%	6.8% 13.5%	6.9%	
01.11.1	Upper 95% Confidence Bound	000 400	045.400	0.40.000	000 000	000 000	000 000					16.0%	
Children	Total Population Size <sup>1</sup>	299,400	315,100	342,200	328,900	332,300	336,600	346,400	374,800	350,600	333,200	328,700	
Age 0-17	# Uninsured Persons	48,700	64,400	52,900	51,700	40,800	35,900	50,900	45,100	50,000	27,100	31,100	
0-200% poverty	% Uninsured	16.3%	20.5%	15.5%	15.7%	12.3%	10.7%	14.7%	12.0%	14.3%	8.1%	9.5%	
	Lower 95% Confidence Bound	11.8%	15.7%	10.8%	11.0%	9.0%	7.9%	12.3%	9.1%	11.6%	6.1%	6.8%	
	Upper 95% Confidence Bound	22.0%	26.2%	21.7%	22.0%	16.5%	14.3%	17.5%	15.7%	17.5%	10.7%	13.1%	
Children	Total Population Size <sup>1</sup>	826,830	843,061	887,940	903,963	905,764	921,248	932,472	937,784	940,550	947,921	958,200	
Age 0-18	# Uninsured Persons	71,300	89,500	87,800	75,900	60,300	64,500	75,700	88,600	81,600	51,500	60,500	
Age 0-10	% Uninsured	8.6%	10.6%	9.9%	8.4%	6.7%	7.0%	8.1%	9.4%	8.7%	5.4%	6.3%	
	Lower 95% Confidence Bound	6.6%	8.5%	7.5%	6.2%	5.2%	5.5%	7.0%	7.9%	7.3%	4.4%	5.0%	
	Upper 95% Confidence Bound	11.1%	13.1%	12.9%	11.3%	8.4%	8.9%	9.4%	11.2%	10.3%	6.7%	7.9%	
Children	Total Population Size <sup>1</sup>	11.176	13.176	12.976	11.576	0.476	0.978	210,200	231,400	219,300	200,600	197,100	
Age 0-18	# Uninsured Persons							38,500	37,400	41,100	200,800 20,300	22,000	
0-138% poverty	% Uninsured	1			I			18.3%	37,400 16.1%	18.7%	10.1%	11.2%	
	Lower 95% Confidence Bound	1			I			18.3% 15.1%	10.1%	14.8%	7.2%	7.4%	
	Upper 95% Confidence Bound	1			l			22.1%	21.9%	23.4%	14.0%	16.4%	
Children	Total Population Size <sup>1</sup>	312,300	322,600	361,400	337,900	352,300	362,900	364,500	393,900	367,800	349,400	345,100	
Children Age 0-18	# Uninsured Persons		67,800	59,800	55,000	352,300 <b>42,800</b>	362,900 <b>44,800</b>	,	393,900 <b>51,400</b>	53,500	, , , , , , , , , , , , , , , , , , ,		
0-200% poverty	% Uninsured	52,400 16.8%	21.0%	16.5%	16.3%	42,800 12.1%	44,800 12.3%	53,400 14.6%	51,400 13.1%	14.5%	30,100 8.6%	36,700 10.6%	
J-200% poverty	Lower 95% Confidence Bound					I	9.1%	l.					
CHIP Target	Upper 95% Confidence Bound	12.2% 22.6%	16.3% 26.7%	11.4% 23.3%	11.2% 23.0%	8.9% 16.4%	9.1% 16.6%	12.3% 17.4%	10.0% 16.9%	11.8% 17.8%	6.6% 11.2%	7.8% 14.4%	

## Estimated Number and Percentage of Utahns Who Lacked Health Insurance Coverage by Selected Demographic Characteristics

Sources: Utah Healthcare Access Survey (UHAS), 2004-2008; Utah Behavioral Risk Factor Surveillance System (BRFSS), 2009-2015, American Community Survey (ACS), 2011-2015 Office of Public Health Assessment, Utah Department of Health (UHAS and BRFSS), U.S. Bureau of the Census (ACS)

	Population Group		UHAS				BRFSS		BRFSS and ACS					
i opulation Group		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
Adults	Total Population Size <sup>1</sup>	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	2,038,787	2,083,400		
Age 18+	# Uninsured Persons	225,600	225,400	209,200	227,600	251,900	246,300	309,000	297,300	259,500	257,300	211,800		
	% Uninsured	13.0%	12.7%	11.2%	11.8%	13.0%	12.5%	16.0%	15.1%	12.9%	12.6%	10.2%		
	Lower 95% Confidence Bound	11.4%	11.1%	9.7%	10.1%	11.5%	11.1%	14.8%	13.8%	11.8%	11.5%	9.0%		
	Upper 95% Confidence Bound	14.7%	14.4%	13.0%	13.8%	14.7%	14.0%	17.3%	16.6%	14.2%	13.8%	11.4%		
Adults	Total Population Size <sup>1</sup>	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	1,743,527	1,775,600		
Age 18-64	# Uninsured Persons	224,400	225,600	211,000	228,100	251,100	247,100	309,300	298,700	258,700	257,100	212,100		
	% Uninsured	14.7%	14.5%	12.9%	13.5%	14.9%	14.4%	18.5%	17.6%	15.0%	14.7%	11.9%		
	Lower 95% Confidence Bound	12.9%	12.7%	11.2%	11.5%	13.1%	12.8%	17.0%	16.0%	13.7%	13.5%	10.6%		
	Upper 95% Confidence Bound	16.6%	16.4%	14.9%	15.8%	16.8%	16.2%	20.0%	19.3%	16.5%	16.1%	13.4%		
A 1 11	T. (15) 1 (1) 0: 1	1 400 544	1 501 007	4 500 000	1 0 10 7 10	4 040 704	4 000 770	4 000 405	1.051.000	4 070 007	4 000 704	4 700 000		
Adults	Total Population Size <sup>1</sup>	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	1,699,721	1,729,900		
Age 19-64	# Uninsured Persons	221,600	220,100	200,300	224,900	251,500	235,700	304,500	293,000	253,300	249,000	204,900		
	% Uninsured	14.9%	14.5%	12.7%	13.7%	15.3%	14.1%	18.7%	17.7%	15.1%	14.7%	11.8%		
	Lower 95% Confidence Bound	13.1%	12.7%	10.9%	11.7%	13.5%	12.6%	17.2%	16.1%	13.8%	13.4%	10.5%		
Adults	Upper 95% Confidence Bound	16.8%	16.4%	14.6%	16.0%	17.3%	15.9%	20.2%	19.4%	16.5%	16.0% 200,700	13.3% 193,700		
Age 19-64	Total Population Size <sup>1</sup>													
	# Uninsured Persons % Uninsured										62,200 31.00%	68,500 35.4%		
0-100% poverty	Lower 95% Confidence Bound										26.10%	28.9%		
											26.10% 36.30%			
PCN Target	Upper 95% Confidence Bound							000.000	200 400	000 000		42.4%		
Adults	Total Population Size <sup>1</sup>							303,800	323,100	309,600	298,800	288,000		
Age 19-64	# Uninsured Persons							131,500	122,200	103,700	85,600	86,200		
0-138% poverty	% Uninsured							43.3%	37.8%	33.5%	28.6%	29.9%		
	Lower 95% Confidence Bound							39.1%	32.8%	29.5%	24.9%	25.1%		
	Upper 95% Confidence Bound		0=0.000	0== 000	070.000		0====00	47.6%	43.1%	37.8%	32.7%	35.3%		
Adults	Total Population Size <sup>1</sup>	297,500	259,200	277,000	279,900	385,200	355,500	337,200	354,400	348,900	336,300	319,000		
Age 19-64	# Uninsured Persons	112,200	104,100	95,900	97,000	137,200	141,900	139,200	128,300	111,600	93,600	89,900		
0-150% poverty	% Uninsured	37.7%	40.2%	34.6%	34.6%	35.6%	39.9%	41.3%	36.2%	32.0%	27.8%	28.2%		
	Lower 95% Confidence Bound	31.9% 43.9%	33.7% 47.0%	28.4% 41.4%	27.0% 43.1%	30.1% 41.5%	34.6% 45.5%	37.3% 45.3%	31.6% 41.0%	28.3% 35.9%	24.3% 31.6%	23.8% 33.0%		
	Upper 95% Confidence Bound	43.9%	47.0%	41.4%	43.1%	41.5%	45.5%	45.5%	41.0%	35.9%	31.0%	33.0%		
Adults	Total Population Size <sup>2</sup>	860,300	919,700	951,800	946,500	860,300	904,800	855,700	922,000	946,300	984,200	998,300		
Age 19-64	# Uninsured Persons	110,300	107,600	103,000	106,000	<b>75,400</b>	<b>78,600</b>	113,300	127,900	109,500	103,600	83,800		
Employed	% Uninsured	12.8%	11.7%	10.8%	11.2%	8.8%	8.7%	13.2%	13.9%	11.6%	10.5%	8.4%		
Full Time	Lower 95% Confidence Bound	10.7%	9.9%	8.9%	9.1%	7.0%	7.1%	11.5%	11.9%	9.9%	9.0%	6.9%		
i dii Tiillo	Upper 95% Confidence Bound	15.2%	13.8%	13.0%	13.7%	11.0%	10.6%	15.2%	16.1%	13.4%	12.3%	10.1%		
Adults	Total Population Size <sup>2</sup>	249,900	240,200	236,900	263,800	227,400	261,700	227,400	309,300	348,200	324,400	311,900		
Age 19-64	# Uninsured Persons	43,000	39,300	31,500	45,600	40,000	49,200	60,400	60,600	66,500	43,200	39,300		
Employed	% Uninsured	17.2%	16.4%	13.3%	17.3%	17.6%	18.8%	26.6%	19.6%	19.1%	13.3%	12.6%		
Part Time	Lower 95% Confidence Bound	13.8%	13.1%	10.1%	12.7%	12.9%	14.3%	22.2%	16.1%	15.8%	10.6%	9.5%		
	Upper 95% Confidence Bound	21.2%	20.3%	17.4%	23.1%	23.5%	24.3%	31.4%	23.7%	22.9%	16.6%	16.5%		
Adults	Total Population Size <sup>2</sup>	218,700	208,800	235,400	255,900	153,700	163,000	146,800	171,000	162,400	148,200	177,300		
Age 19-64	# Uninsured Persons	46,700	<b>36,200</b>	<b>53,300</b>	41,100	36,000	39,000	42,700	44,700	38,300	28,400	33,200		
Self-employed <sup>3</sup>	% Uninsured	21.3%	17.3%	22.7%	16.1%	23.4%	23.9%	29.1%	26.1%	23.6%	19.2%	18.7%		
Con chiployed	Lower 95% Confidence Bound	17.2%	13.4%	17.2%	12.1%	17.4%	18.3%	23.7%	21.0%	18.7%	15.2%	14.3%		
	Upper 95% Confidence Bound	26.2%	22.1%	29.2%	21.1%	30.8%	30.6%	35.2%	32.0%	29.3%	23.8%	24.0%		
	oppor 5576 Confidence Dound	20.2/0	44.1/0	23.2/0	21.1/0	30.076	30.076	30.2/0	32.0/0	23.5/0	25.0/0	27.0/0		

#### 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).

2009-2015 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).

Population Estimates 2004-2010: 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.

Population Estimates 2011-2015: 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:

- These poverty population size estimates were based on percentage estimates from UHAS (2001,2003-2008), BRFSS (2009-2010) and ACS (2011-2015, 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.
- These employment-related population size estimates were based on the UHAS (2001,2003-2008) and BRFSS (2009-2015) 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.
- 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 and 2014, 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 these years.
- 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 2011-2015, 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