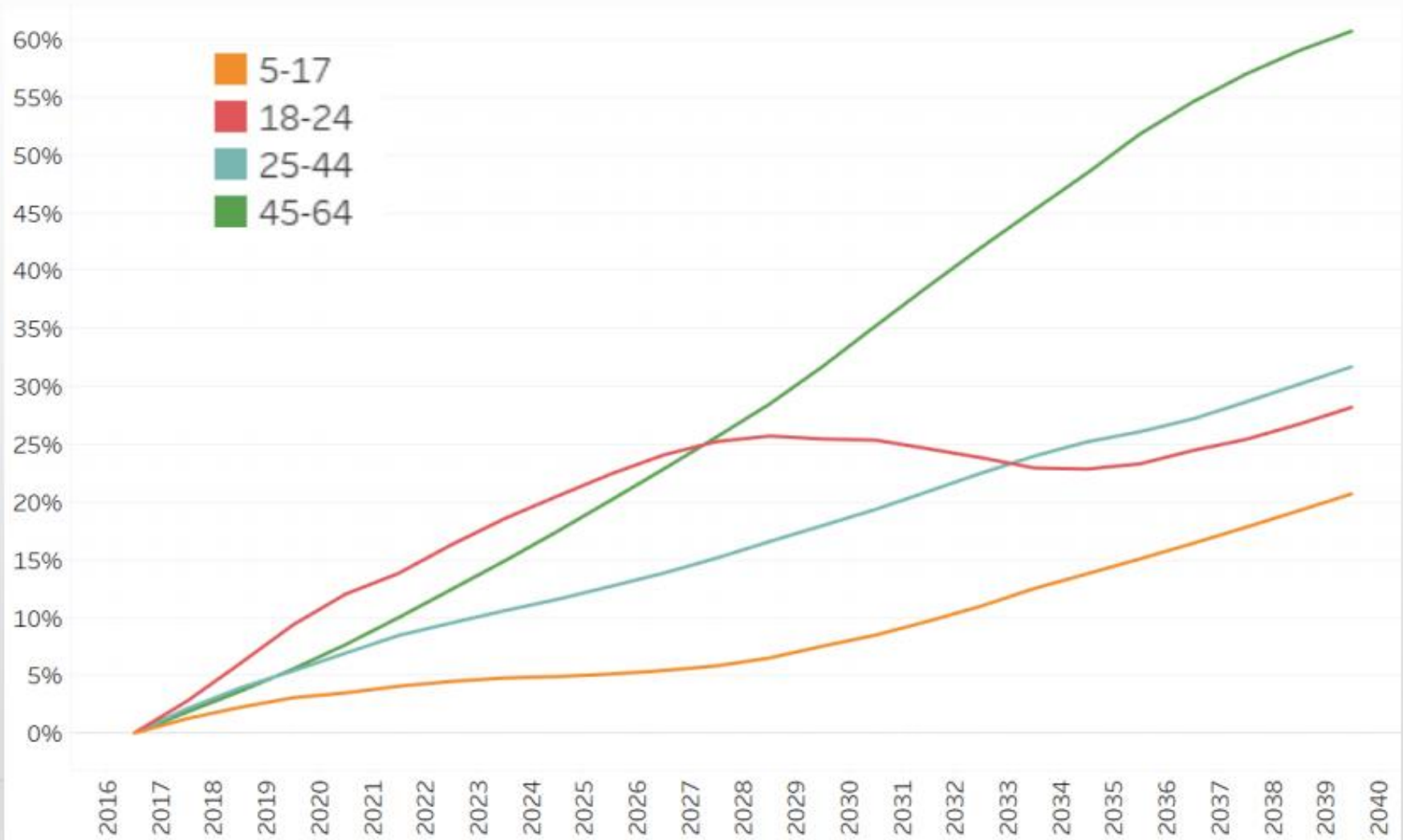


# Higher Education Planning



UTAH STATE  
**LEGISLATURE**

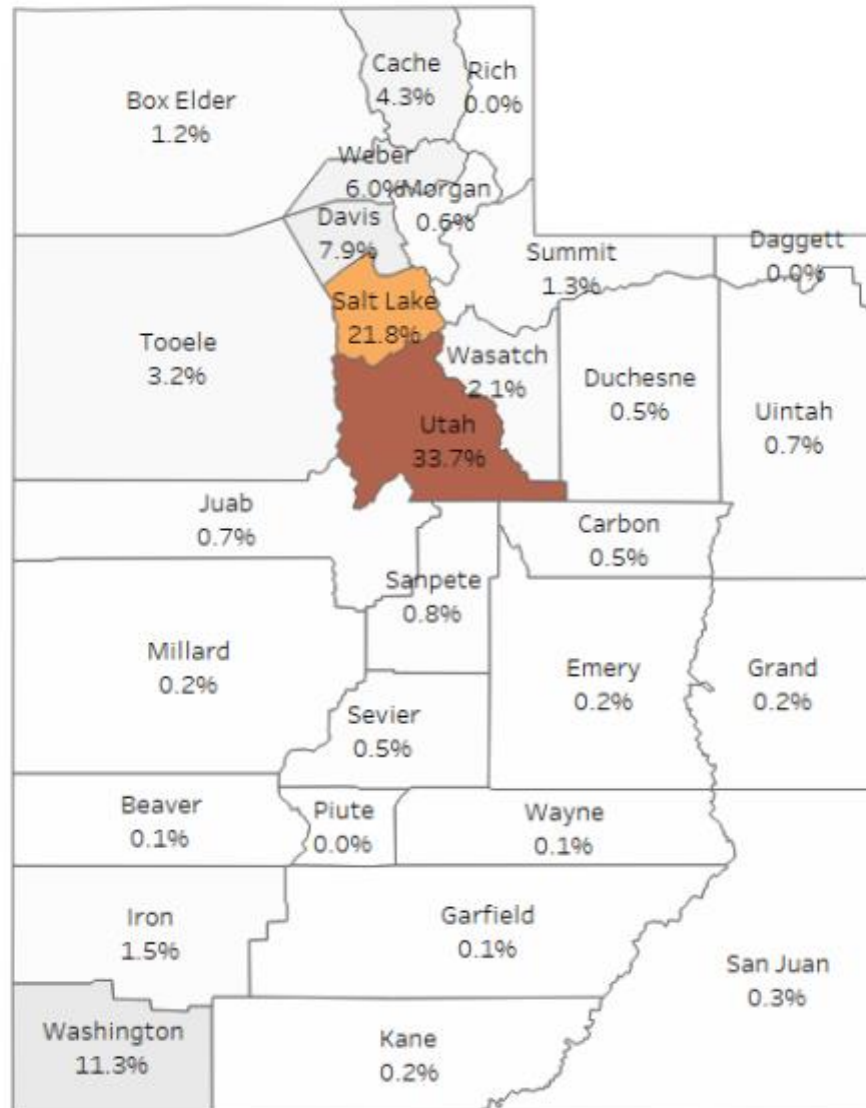
# Projected Percent Change by Selected Age Group, 2016-2040



Source: Kem C. Gardner Institute.



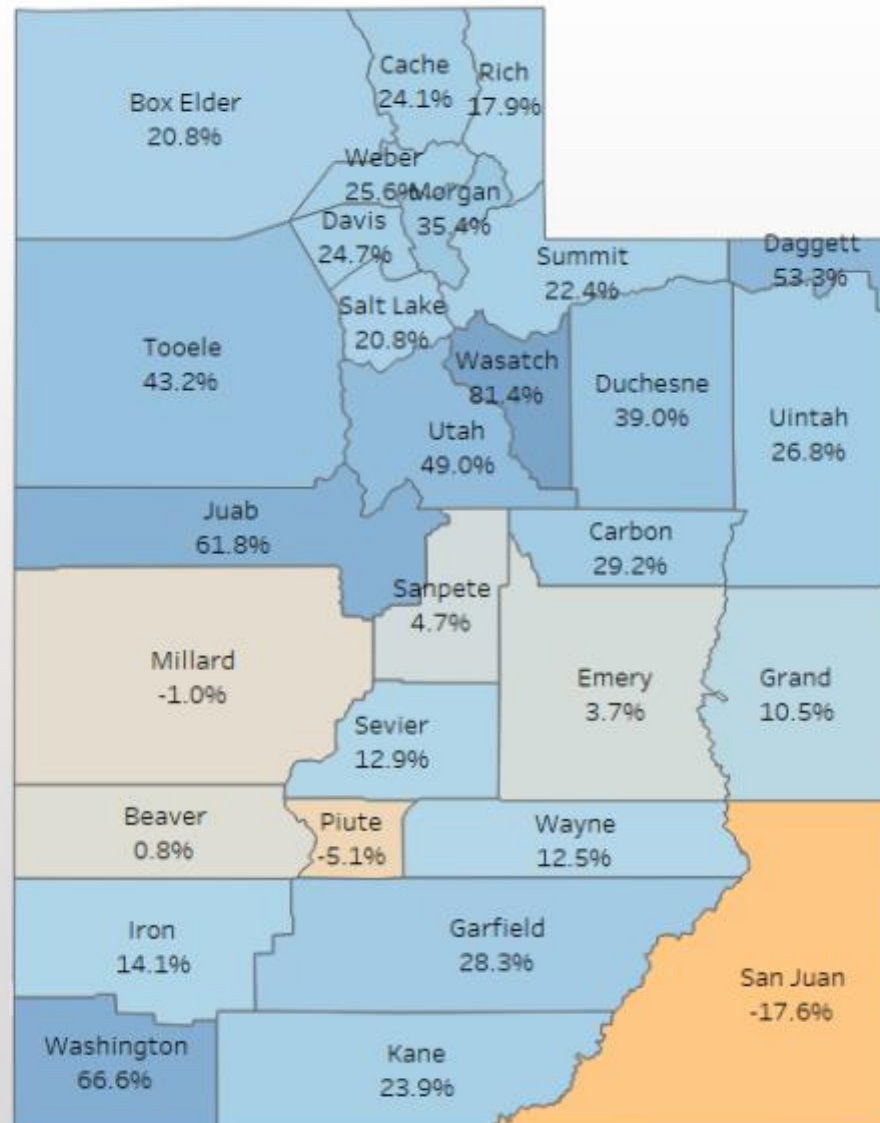
# County Share of the Projected Change in Total State Population, 2015-2040



Source: Kem C. Gardner Institute.



# Percent Change in Projected Population Aged 18-24 by County, 2015-2040

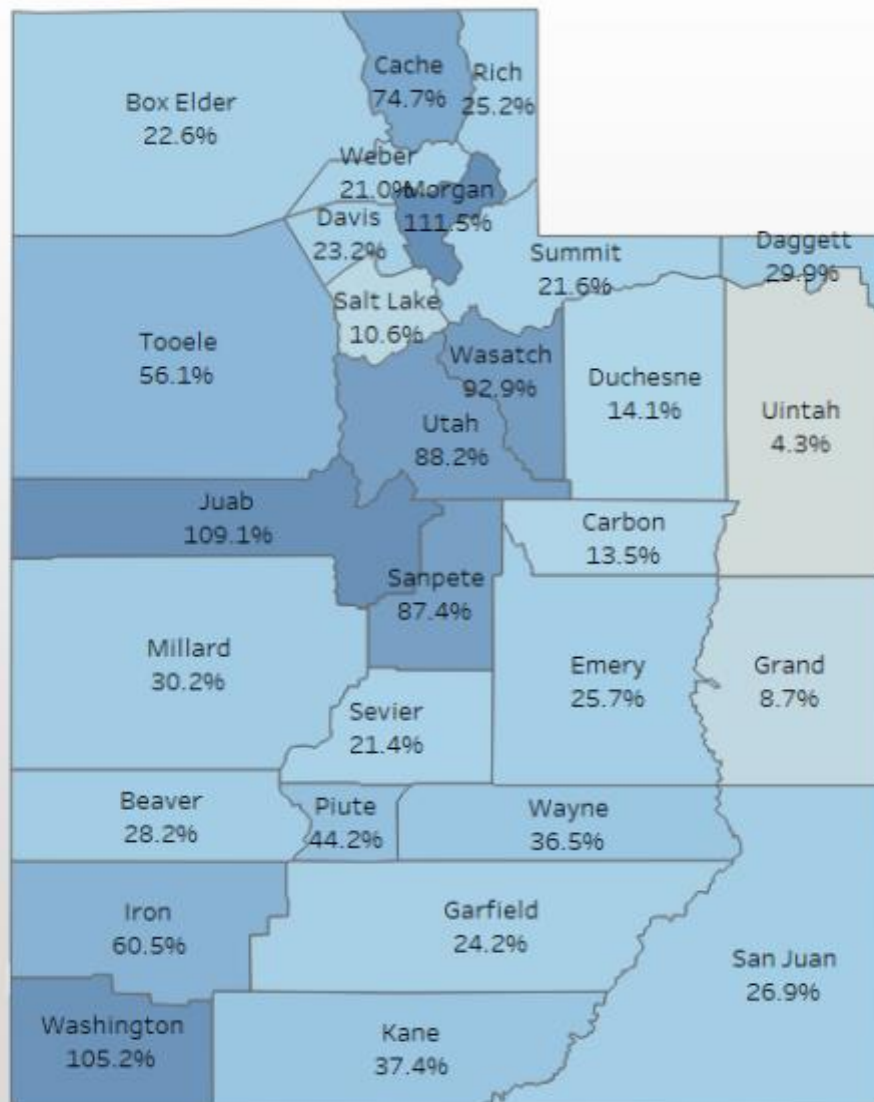


State of Utah: 32%

Source: Kem C. Gardner Institute.



# Percent Change in Projected Population Aged 25-44 by County, 2015-2040



State of Utah: 38%

Source: Kem C. Gardner Institute.



# Origin of 75 Percent of All Undergraduates, by USHE Institution, Fall 2017

	University of Utah	Utah State University	Weber State University	Southern Utah University	Snow College	Dixie State University	Utah Valley University	Salt Lake Community College
1	Salt Lake (44.8)	Unknown (37)	Davis (42)	Iron (22)	Sanpete (17.8)	Washington (53.1)	Utah (60.1)	Salt Lake (76.9)
2	Domestic Non-Resident (25.9)	Domestic Non-Resident (22.1)	Weber (31.1)	Domestic Non-Resident (21.8)	Salt Lake (15.9)	Domestic Non-Resident (18.5)	Salt Lake (12.6)	
3		Cache (10.6)		Salt Lake (10.1)	Utah (13.5)			
4				Utah (9.5)	Sevier (12.1)			
5				Washington (6.9)	Domestic Non-Resident (5.4)			
6					Millard (4.7)			
7					Juab (4.3)			

Notes: The proportion of total undergraduates is given by the number in parentheses. Data are for county of origin for Utah residents. Domestic non-residents are U.S. citizens from other states. The calculation of the percentage includes international students. At Brigham Young University, 58.3 percent of undergraduates are domestic non-residents and an additional 15.6 percent are from Utah County.

Source: USHE





# Top 5 Institutional Destinations in Utah for Recent High School Graduates, by County, 2017

Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield	Grand	Iron	Juab	Kane	Millard	Morgan
Dixie State	Weber State	Utah State	Utah State	Southern Utah	Weber State	Uintah Basin TC	Southern Utah	Southern Utah	University of Utah	Southern Utah	Snow College	Dixie State	Southern Utah	Weber State
Southern Utah	Utah State	Snow College	Southern Utah	Dixie State	University of Utah	Utah Valley University	Utah State	Dixie State	Dixie State	South-west TC	Utah Valley	Southern Utah	Snow College	University of Utah
University of Utah	Snow College	University of Utah	Dixie State	Snow College	Davis TC	Utah State	Snow College	Utah Valley	Utah State	Dixie State	Mountain land TC	Utah Valley	Dixie State	Snow College
Utah State	Dixie State	Southern Utah	University of Utah	Uintah Basin TC	Utah Valley University	Southern Utah	Dixie State	Utah State	Snow College	University of Utah	Southern Utah	Weber State	Utah Valley	Utah Valley
Snow College	Southern Utah	Weber State	Utah Valley		BYU	University of Utah	Utah Valley U	Snow College	Southern Utah	BYU	Dixie State	BYU	University of Utah	Southern Utah
93.0%	79.9%	87.1%	94.8%	100.0%	78.5%	78.4%	90.0%	95.8%	88.9%	94.2%	93.8%	97.1%	92.4%	76.8%

The bottom row shows the estimated percent of all first-time enrollees accounted for by the top 5 institutions collectively, relative to the population of 18 year olds in each county.

Source: USHE, USTC, and Gardner Institute.



# Top 5 Institutional Destinations in Utah for Recent High School Graduates, by County, 2017

Piute	Rich	Salt Lake	San Juan	Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Dixie State	Utah State	University of Utah	Utah State	Snow College	Snow College	University of Utah	Dixie State	Uintah Basin TC	Utah Valley	Utah Valley	Dixie State	Davis TC	Weber State
Southern Utah	Weber State	Salt Lake CC	Utah Valley	Southern Utah	Southern Utah	Utah Valley	Southern Utah	Dixie State	BYU	University of Utah	Southern Utah	Snow College	Ogden-Weber TC
University of Utah	Utah Valley	Utah Valley	Snow College	Utah Valley	Dixie State	Salt Lake CC	University of Utah	Utah Valley	Mountain land TC	BYU	Utah Valley	Southern Utah	University of Utah
Utah Valley	Dixie State	BYU	Southern Utah	Dixie State	Utah Valley	Snow College	Tooele TC	Snow College	University of Utah	Mountain and	BYU	Dixie State	Dixie State
	Southern Utah	Dixie State	University of Utah	BYU	BYU	Dixie State	Salt Lake CC	Utah State	Southern Utah	Snow College	University of Utah	BYU	Snow College
100.0%	93.3%	82.8%	84.9%	92.0%	95.5%	88.8%	64.3%	73.5%	84.2%	78.5%	91.5%	91.7%	88.9%

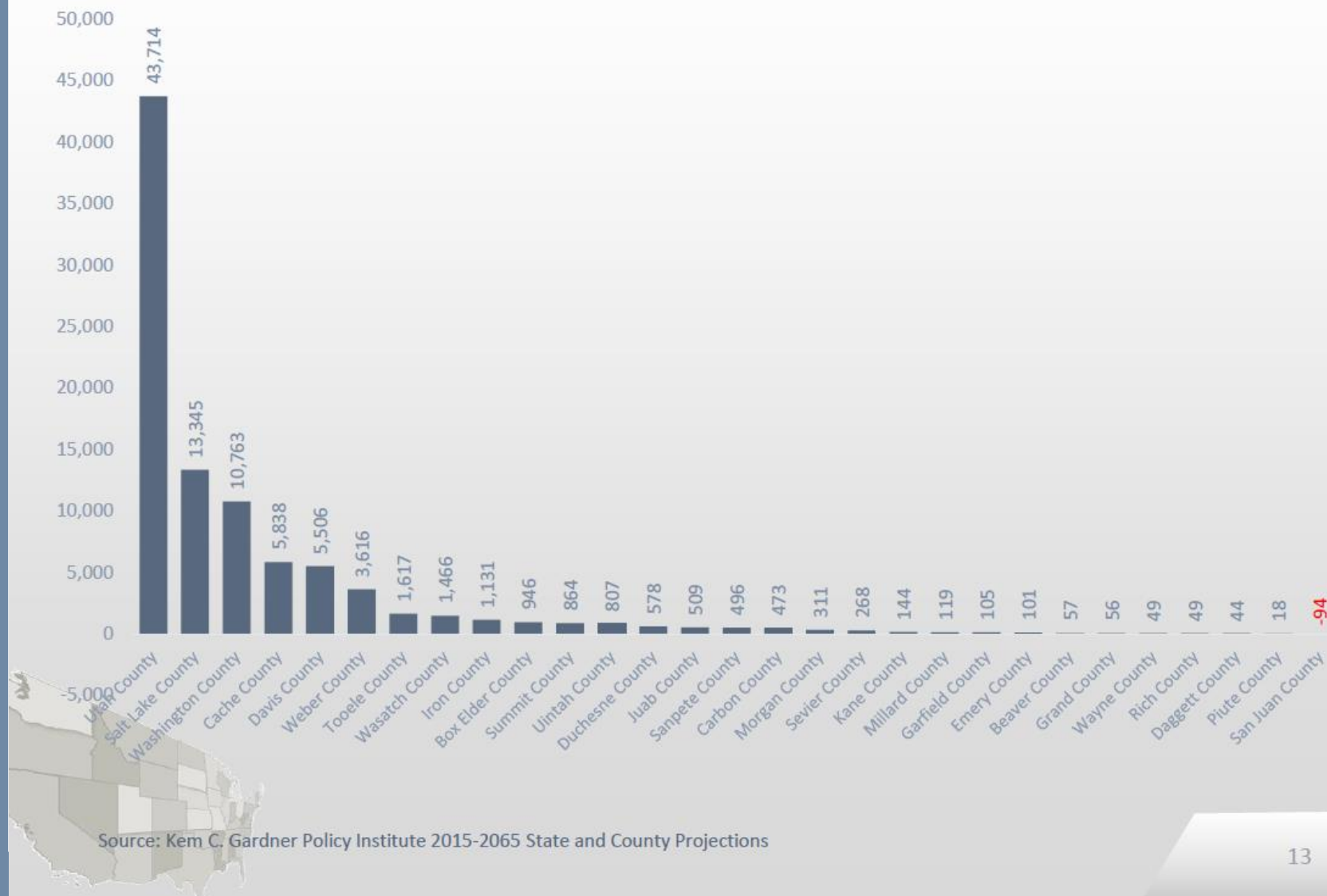
The bottom row shows the estimated percent of all first-time enrollees accounted for by the top 5 institutions collectively, relative to the population of 18 year olds in each county.

Source: USHE, USTC, and Gardner Institute.

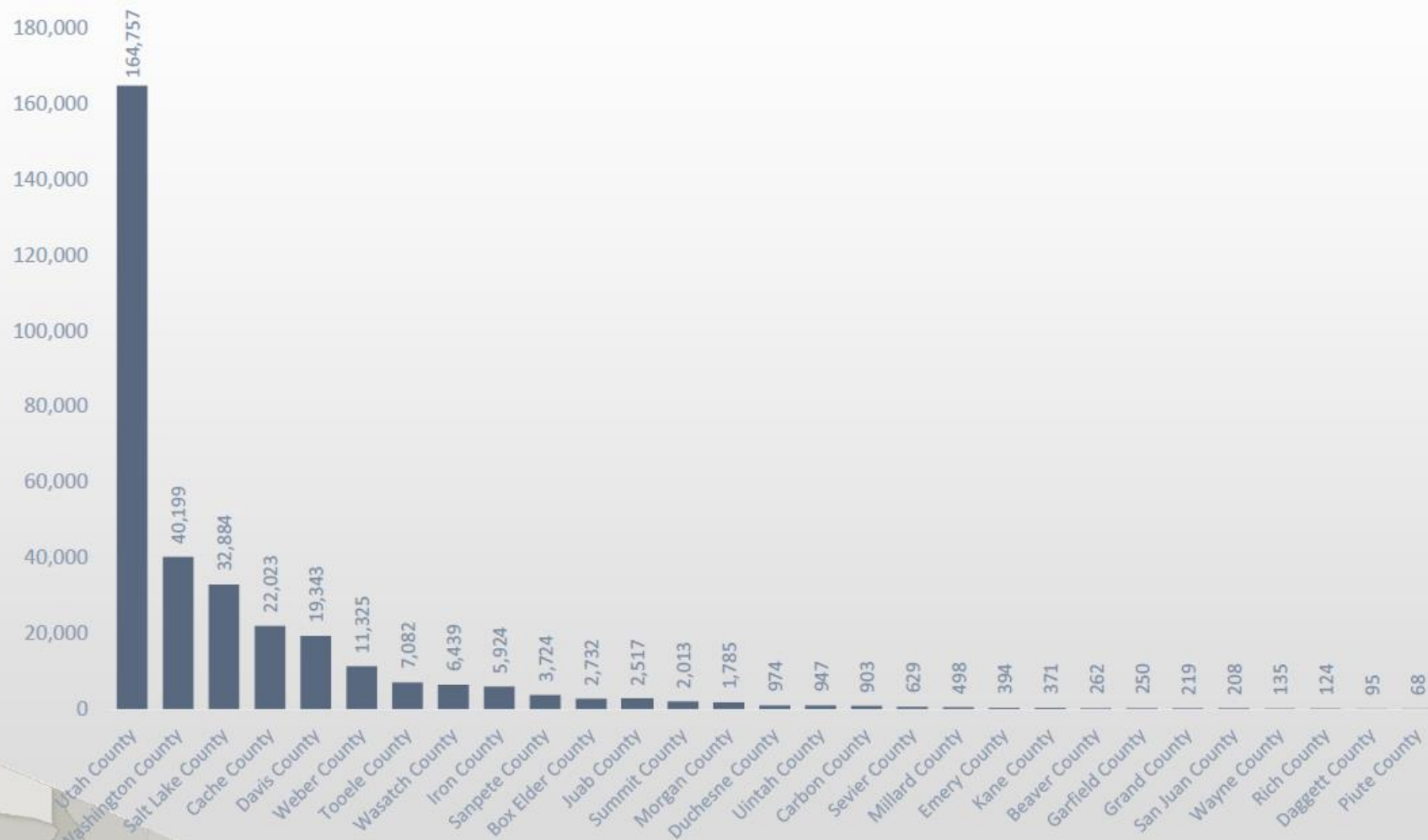




## Difference in Population Aged 19-24 by County, 2020-2050



# Difference in Population Aged 25-44 by County, 2020-2050

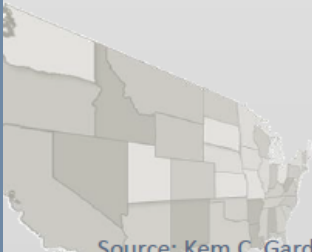


Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections



## Accommodating Projected Population Increase by 2050 – Assuming “Business as Usual”

Institution	Student Delta, 2016 - 2050
University of Utah	3,811
Utah State University*	5,291
Weber State University	5,251
Southern Utah University	1,902
Snow College	1,308
Dixie State University	4,734
Utah Valley University	13,767
Salt Lake Community College	5,346
Bridgerland Technical College	822
Davis Technical College	656
Dixie Technical College	978
Mountainland Technical College	1,069
Ogden-Weber Technical College	647
Southwest Technical College	216
Tooele Technical College	126
Uintah Basin Technical College	829
Total	



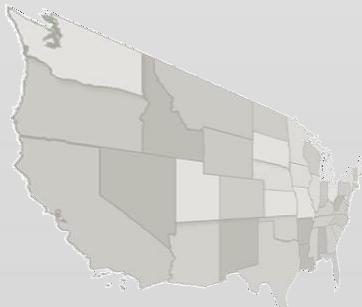
Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections;  
USHE; Utech; NCHEMS Calculation



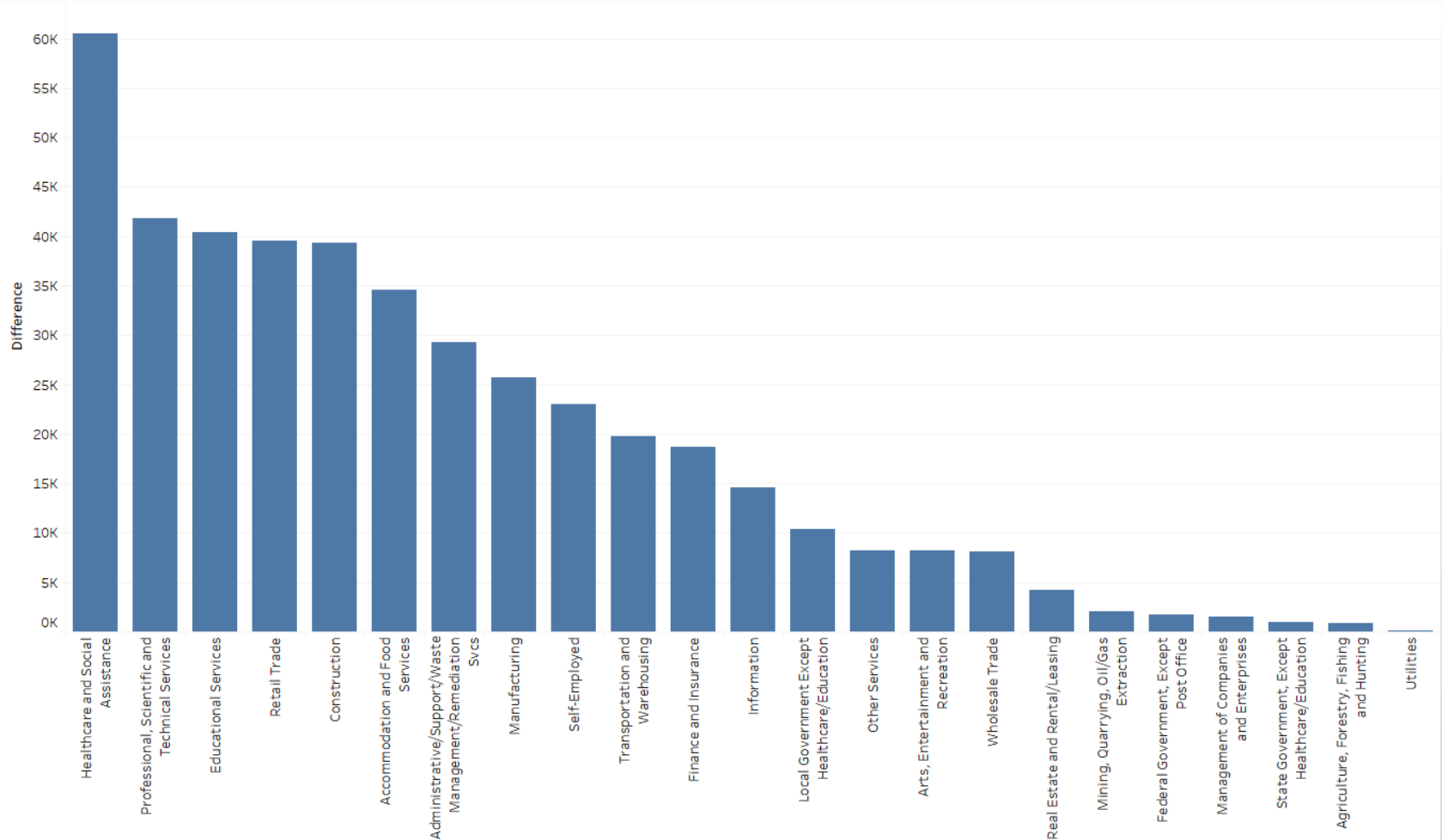
**Table 1. Non-Agricultural Jobs by Industry, 2007 and 2017**

Industry	2007	2017	2017 Percent of Total	2007-2017 Change	Percent Growth
Total Non-Agricultural Wage and Salary Jobs	1,251,233	1,469,068		217,835	17%
Government	76,410	79,402	5%	2,992	4%
Trade, Transportation & Utilities	259,098	293,394	20%	34,296	13%
Leisure & Hospitality	117,737	150,336	10%	32,599	28%
Education & Health Services	247,717	336,127	23%	88,410	36%
Natural Resources & Mining & Construction	115,648	107,305	7%	-8,343	-7%
Financial Activities	75,288	84,810	6%	9,522	13%
Other Services	36,149	40,731	3%	4,582	13%
Manufacturing	127,708	129,231	9%	1,523	1%
Information	33,681	39,770	3%	6,089	18%
Professional & Business Services	161,797	207,962	14%	46,165	29%

Source: Utah Department of Workforce Services



# Projected Increase in Employment by Industry in 2026, Utah

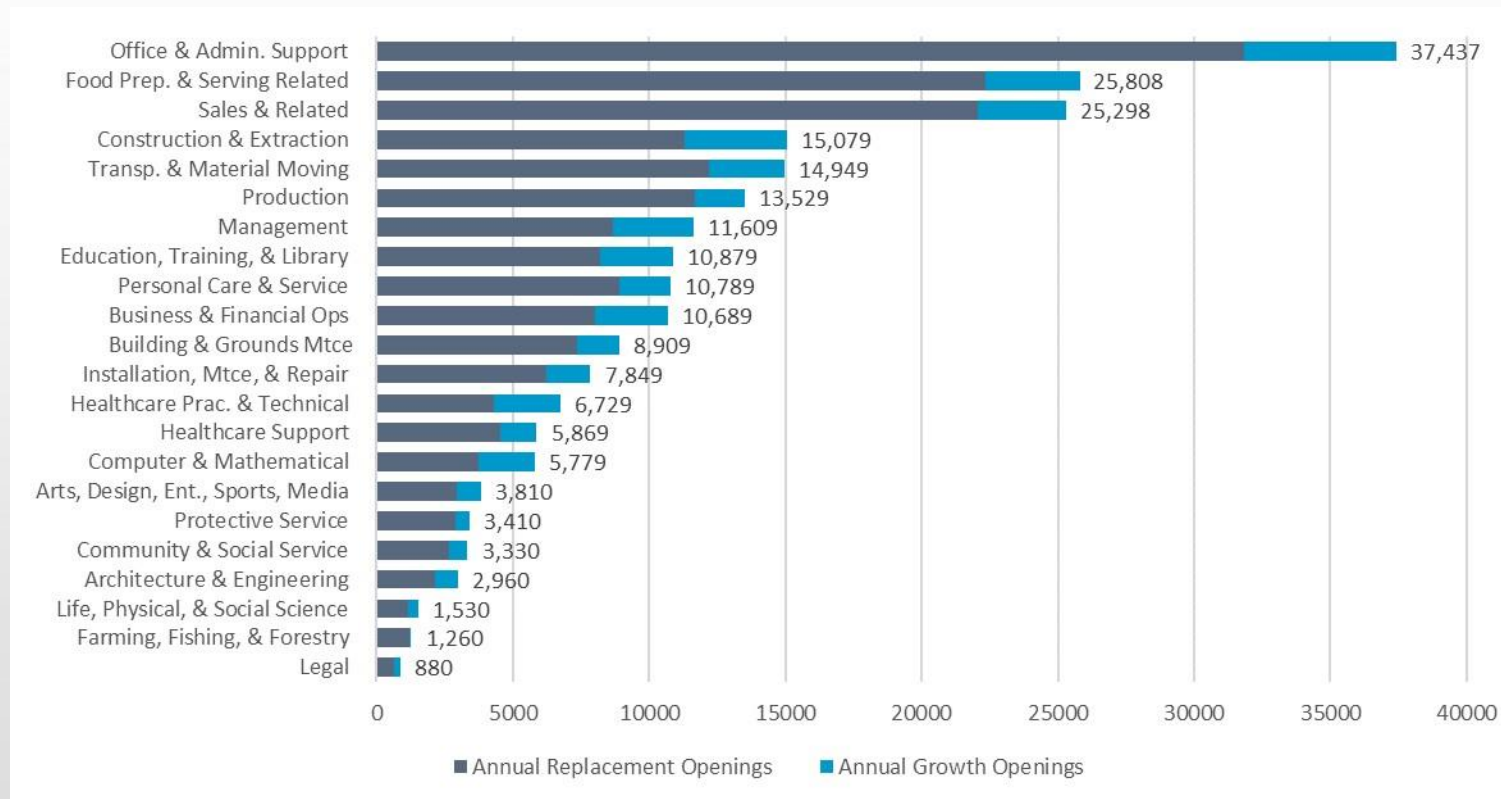


Source: <https://jobs.utah.gov/wi/data/library/employment/indprojections.html>



# Average Annual Openings Through 2026 by Occupation

Utah



Utah Department of Workforce Services, Occupational Projections 2016-26;

<https://jobs.utah.gov/wi/data/library/employment/occprojections/occprotables.html>

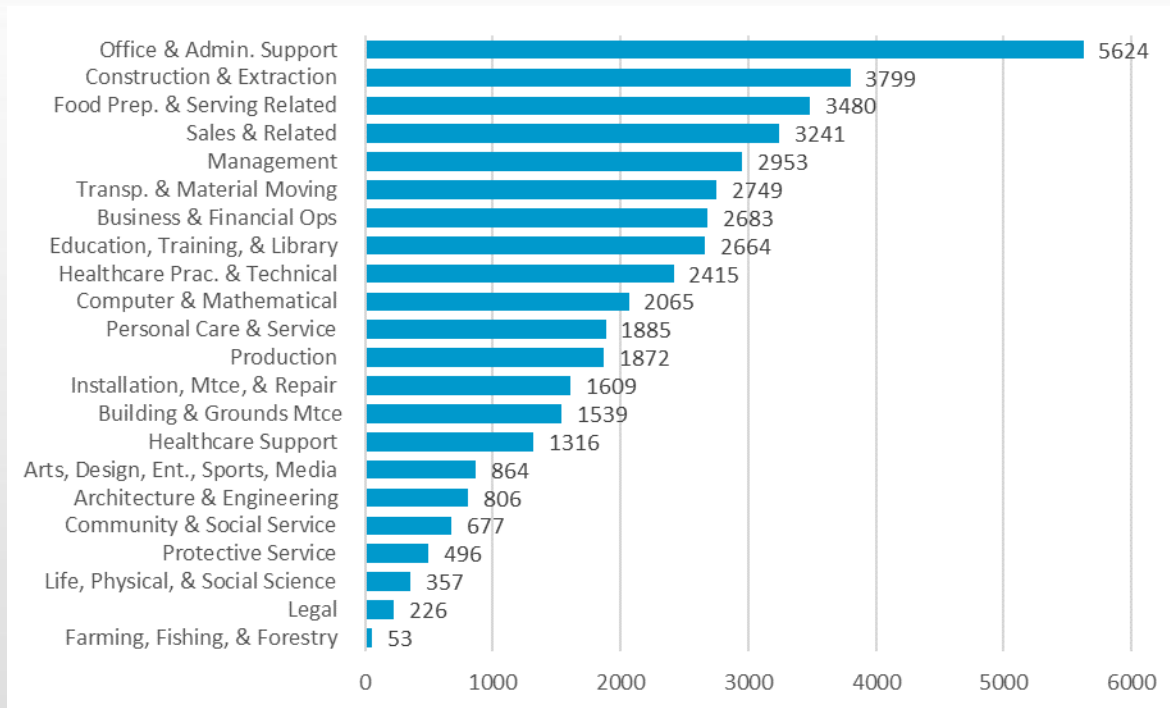
U.S. Census Bureau, 2005-09 through 2013-17 American Community Survey Five-Year Estimates (for reallocating occupational projections into revised regions). Note: Figures may not add to total due to rounding in source data.





# Average Annual Growth Openings Through 2026 by Occupation

## Utah



Utah Department of Workforce Services, Occupational Projections 2016-26;  
<https://jobs.utah.gov/wii/data/library/employment/occprojections/occprotables.html>

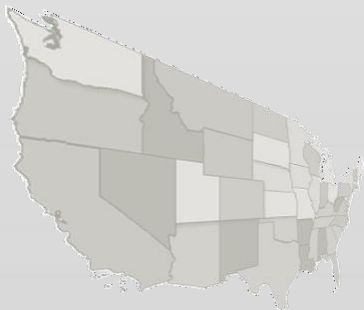
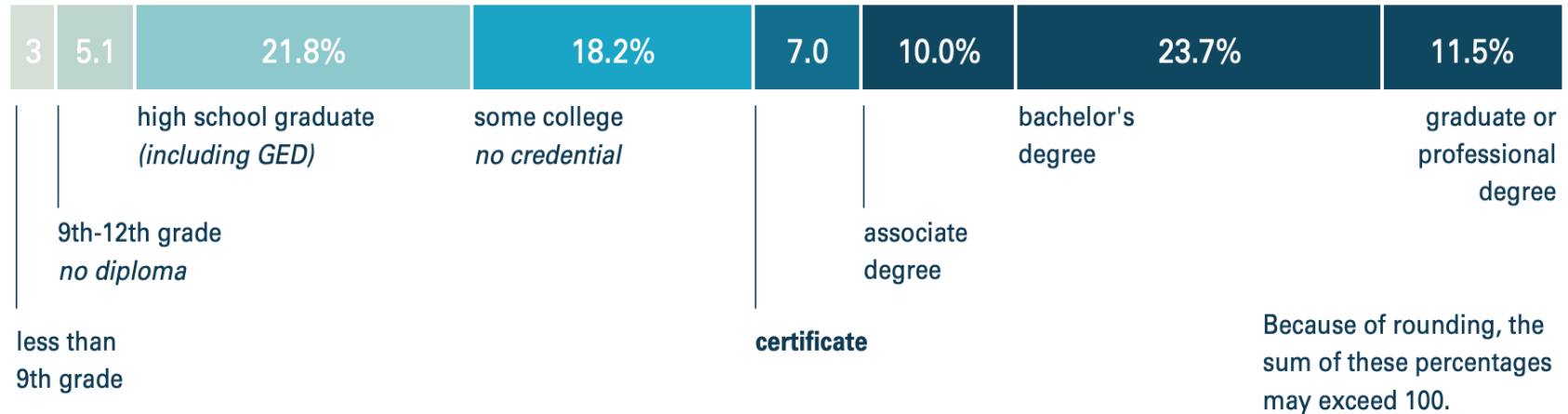
U.S. Census Bureau, 2005-09 through 2013-17 American Community Survey Five-Year Estimates (for reallocating occupational projections into revised regions). Note: Figures may not add to total due to rounding in source data.



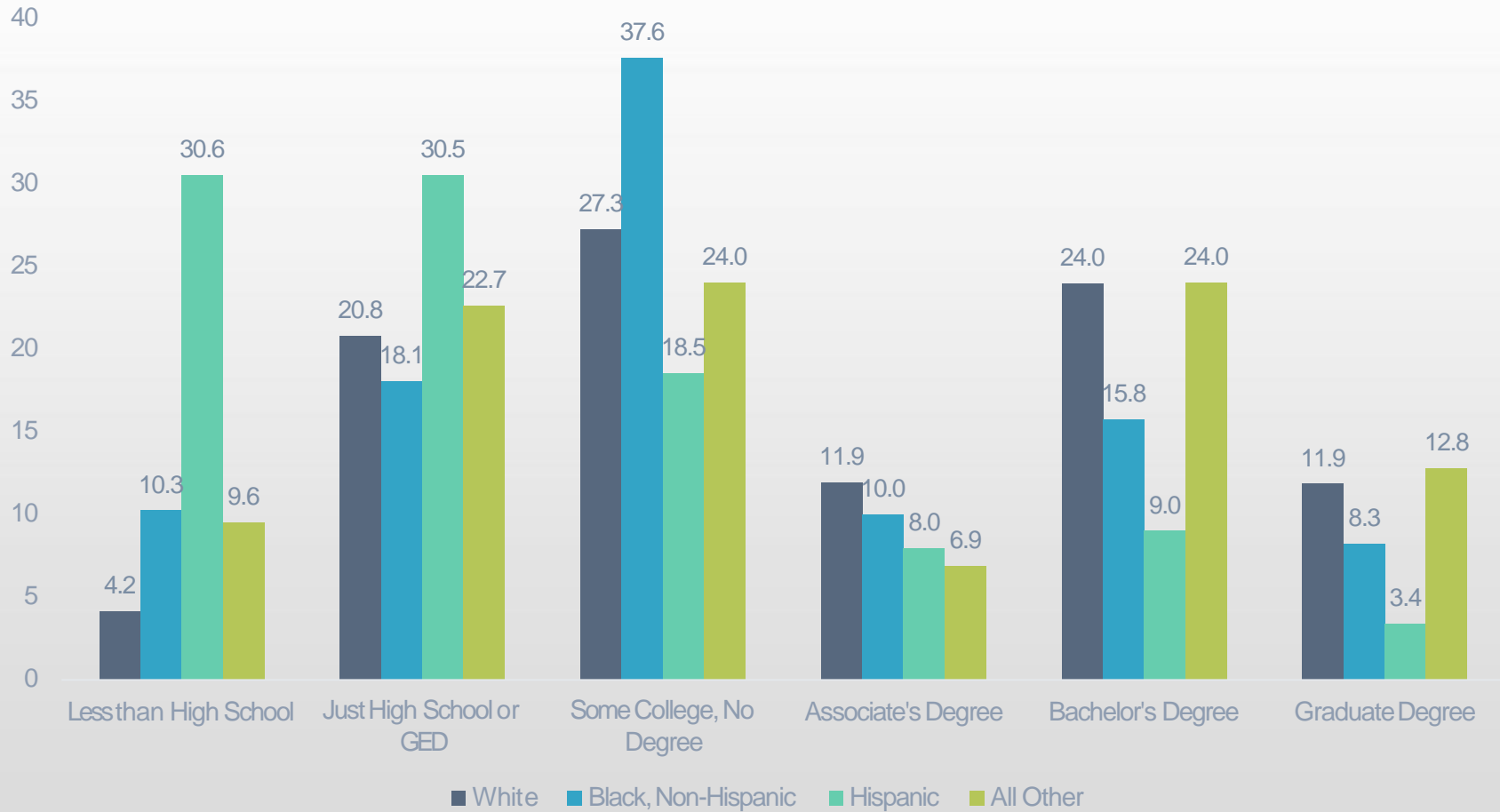
# Highest Education Level Across Utah

UTAH AGES 25-64

**52.2% attainment**



# Educational Attainment of Adults Aged 25-64 by Race, Utah, 2016



Source: U.S. Census Bureau, 2016 American Community Survey One-Year Public Use Microdata Sample.



# Results by Race and Ethnicity

filtered by

RACE AND ETHNICITY

● African-American

● American Indian

● Asian and Pacific Islander

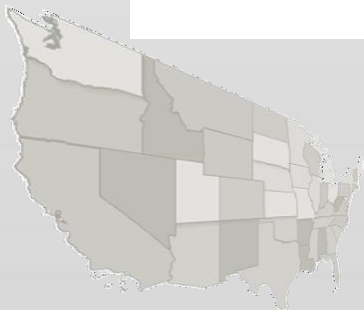
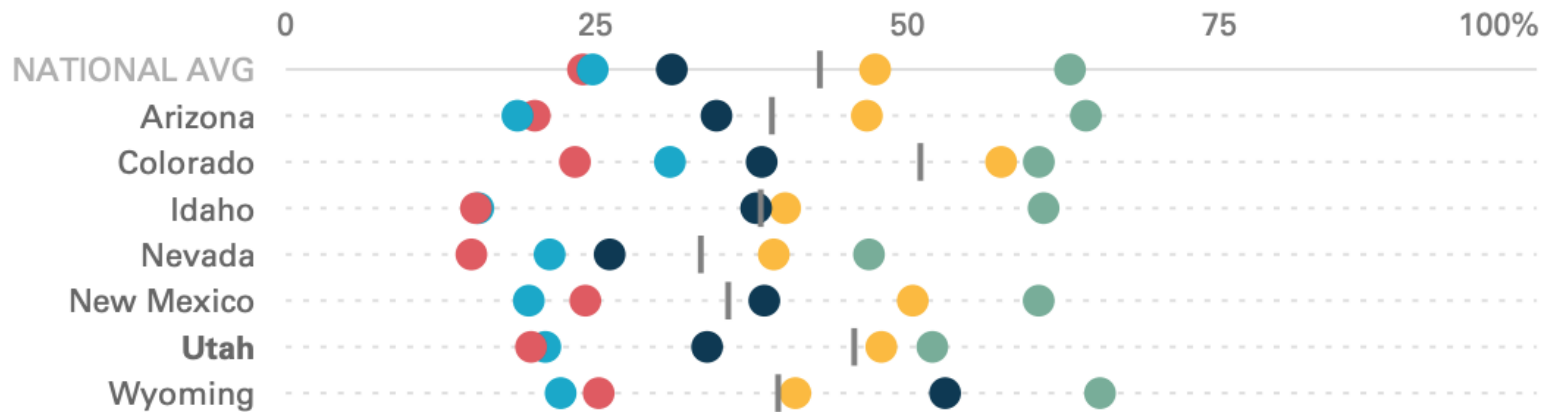
● Hispanic

● White

| National/State attainment average

sorted by

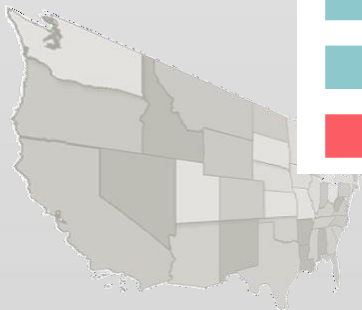
STATE NAME ▼▲



# Comparing Utah Educational Attainment by Counties








## - Lumina Data

Attainment	County	Population	Pop. Rank	Attainment	County	Population	Pop. Rank
23.8%	Beaver	6,386	24	32.3%	Piute	1,420	28
33.3%	Box Elder	54,079	8	33.0%	Rich	2,391	27
45.5%	Cache	124,438	6	43.2%	Salt Lake	1,135,649	1
32.2%	Carbon	20,295	15	29.9%	San Juan	15,356	17
21.6%	Daggett	1,029	29	29.2%	Sanpete	30,035	13
48.4%	Davis	347,637	3	29.3%	Sevier	21,316	14
24.0%	Duchesne	20,026	16	60.5%	Summit	41,106	10
31.1%	Emery	10,077	21	34.1%	Tooele	67,456	7
32.9%	Garfield	5,078	25	22.1%	Uintah	35,150	11
37.9%	Grand	9,674	22	51.1%	Utah	606,425	2
37.5%	Iron	51,001	9	47.9%	Wasatch	32,106	12
31.1%	Juab	11,250	20	39.6%	Washington	165,662	5
35.6%	Kane	7,567	23	41.5%	Wayne	2,719	26
33.9%	Millard	12,863	18	33.6%	Weber	251,769	4
53.7%	Morgan	11,873	19				



# Comparing Utah Counties

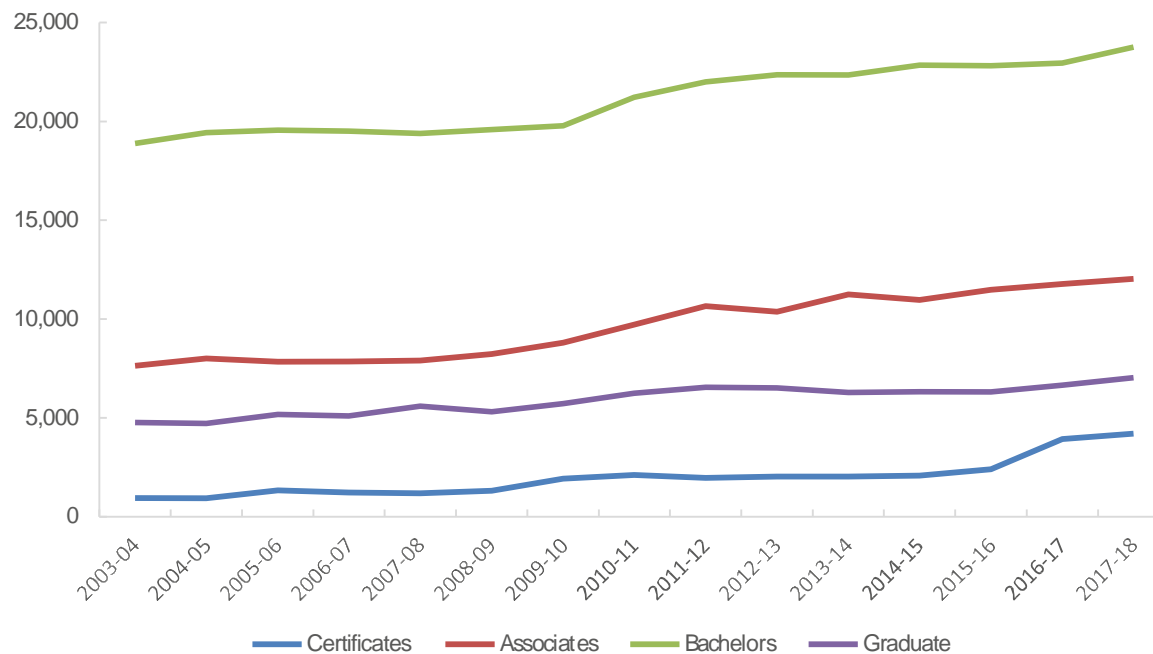
## -Lumina Data

Attainment	County	Population	Pop. Rank
 <b>43.2%</b>	Salt Lake	<i>1,135,649</i>	1
 <b>51.1%</b>	Utah	<i>606,425</i>	2
 <b>48.4%</b>	Davis	<i>347,637</i>	3
 <b>33.6%</b>	Weber	<i>251,769</i>	4
 <b>45.5%</b>	Cache	<i>124,438</i>	6
 <b>33.3%</b>	Box Elder	<i>54,079</i>	8
 <b>53.7%</b>	Morgan	<i>11,873</i>	19

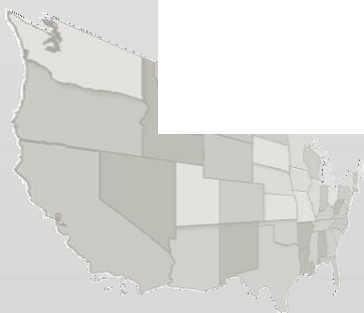




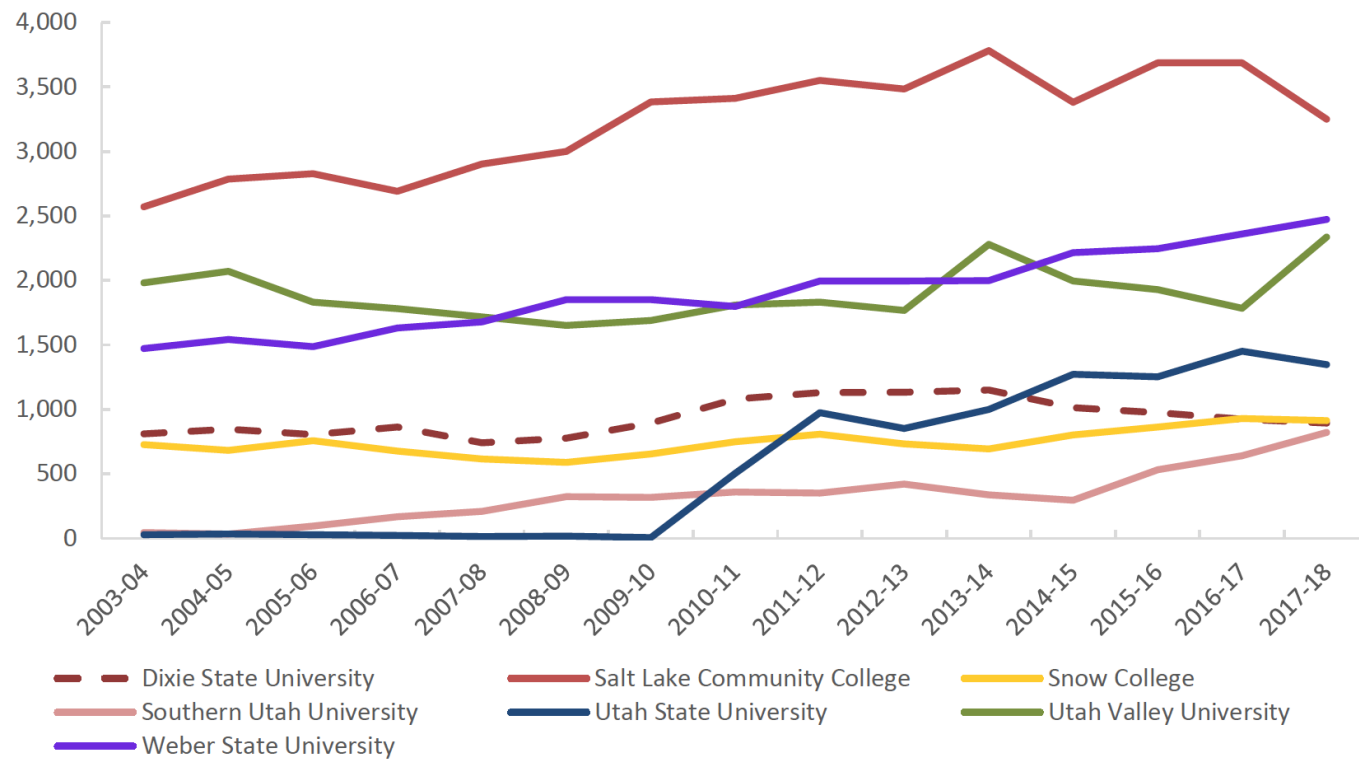
**Figure 14. Postsecondary Awards Conferred by Public and Private, Non-Profit Institutions in Utah, by Level**



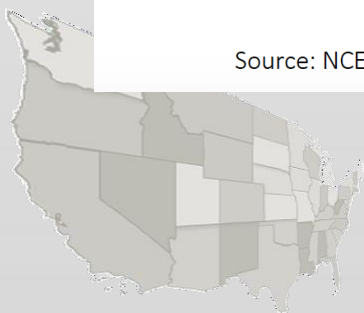
Source: NCES IPEDS



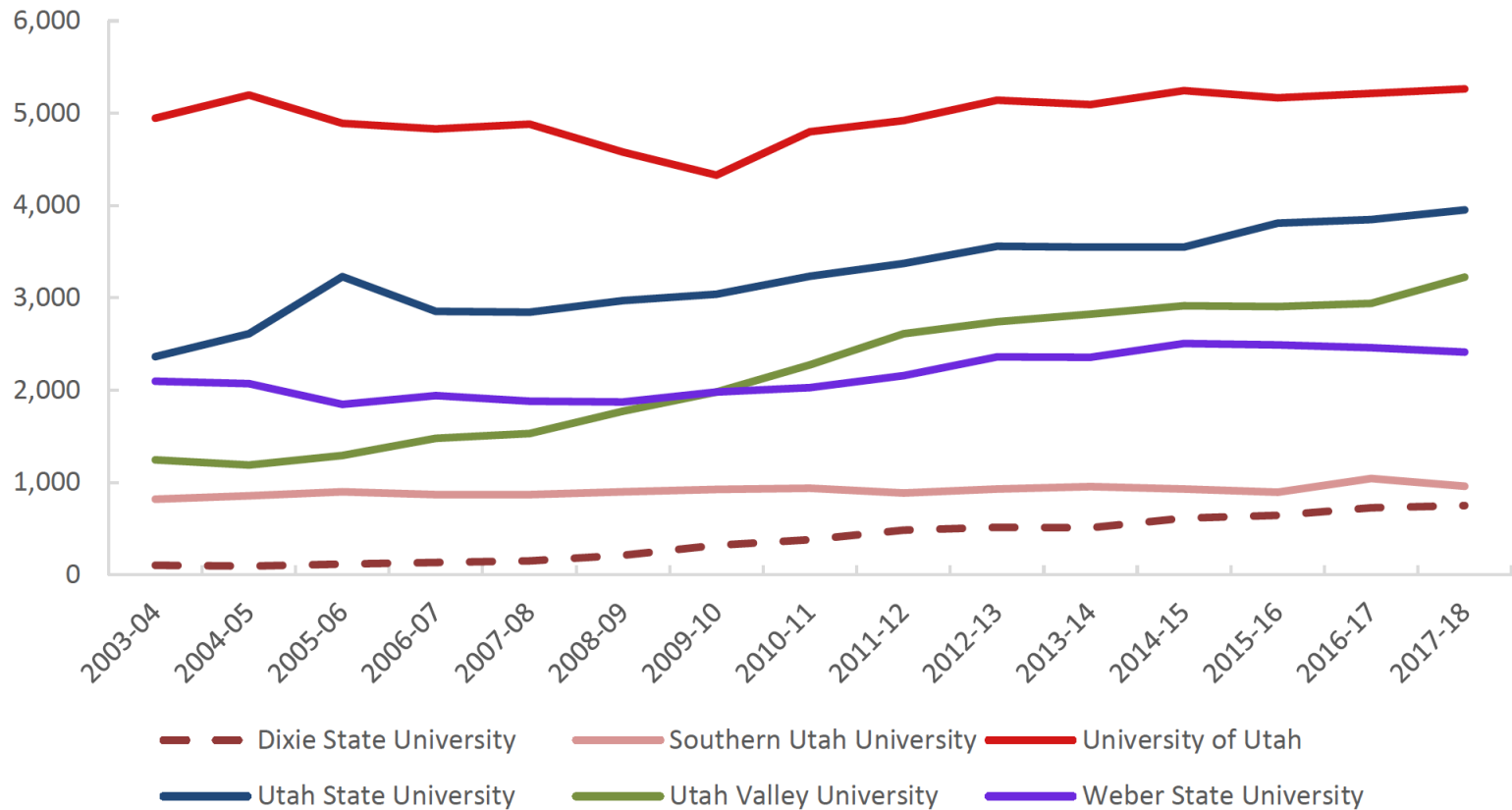
**Figure 17. Associate's Degree Production in Utah Public Institutions**



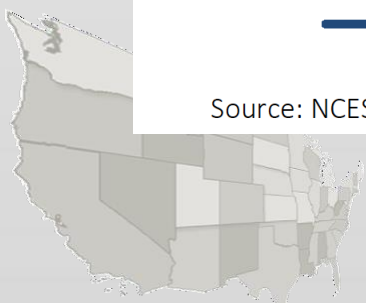
Source: NCES IPEDS



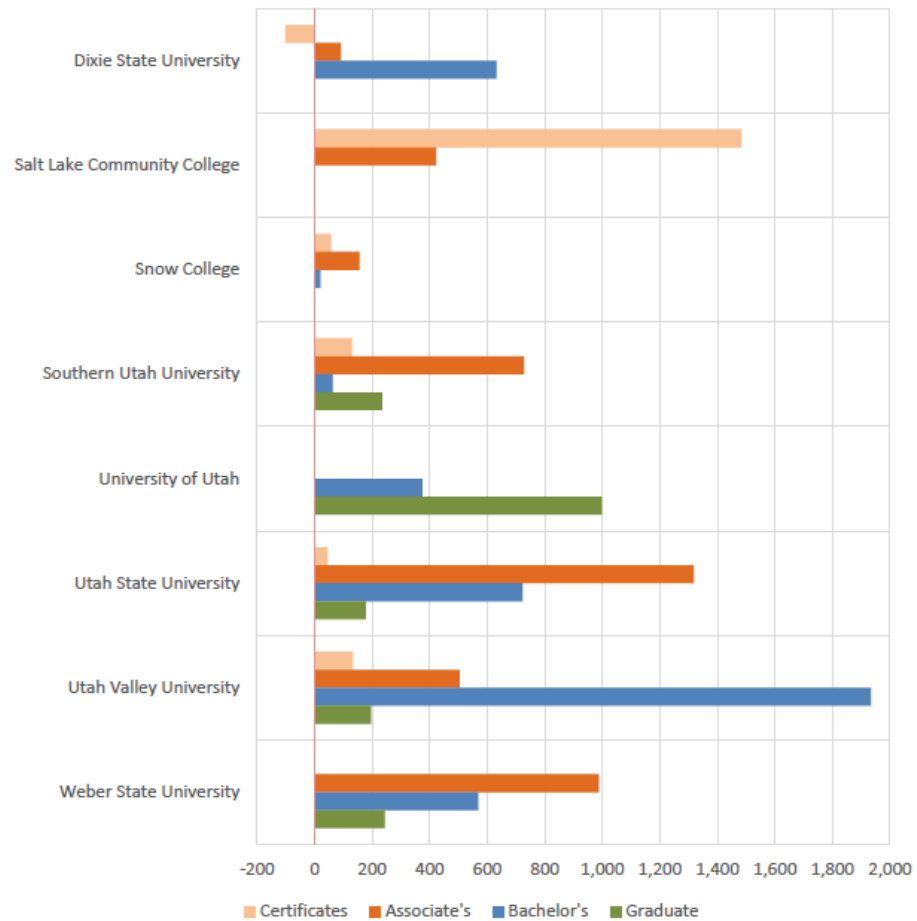
**Figure 18. Bachelor's Degree Production in Utah Public Institutions**



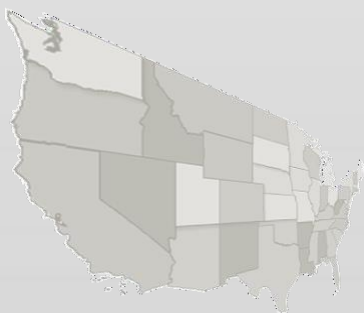
Source: NCES IPEDS



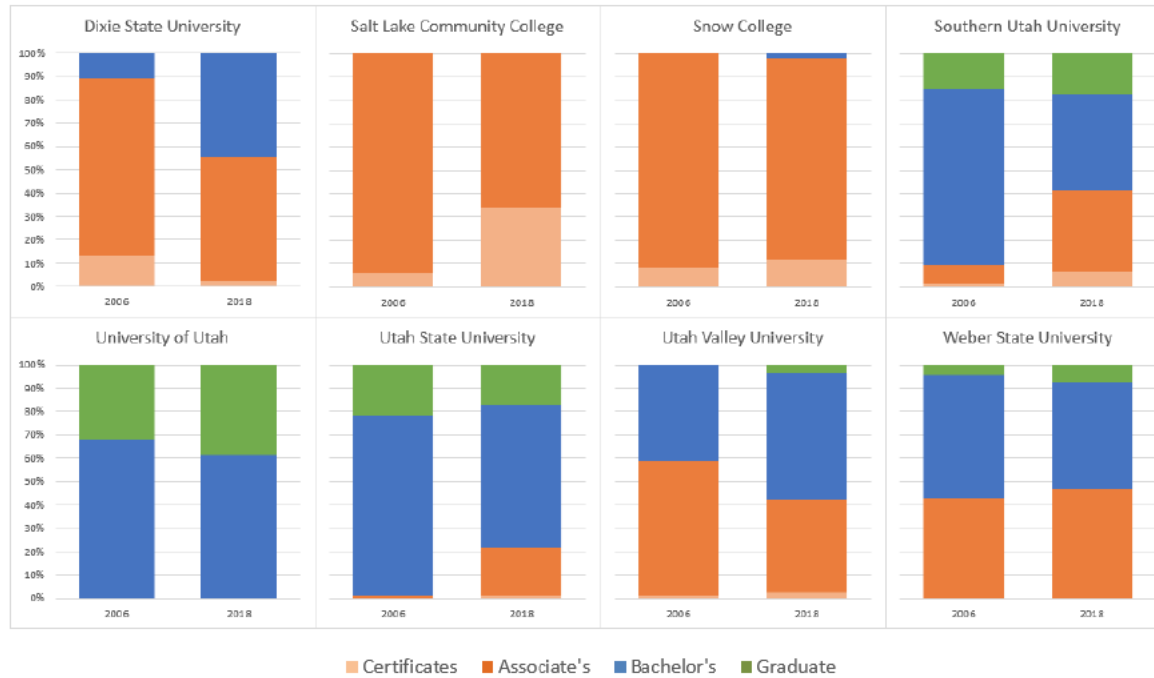
**Figure 19. Difference in Awards Produced by USHE Institutions, 2006 vs. 2018**



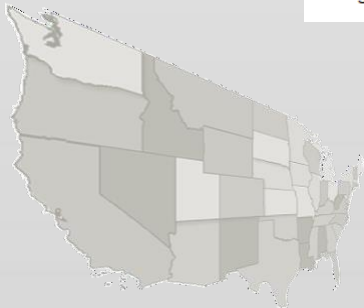
Source: NCES IPEDS



**Figure 20. Proportion of Awards Produced by USHE Institutions, 2006 vs. 2018**

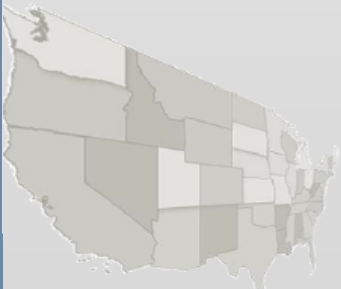


Source: NCES IPEDS



# Awards

	2006-07	2011-12	2016-17
<b>Bachelors</b>			
Dixie State University	134	483	724
Southern Utah University	886	925	1,084
Utah Valley University	1,479	2,612	2,940
Weber State University	1,940	2,157	2,458
<b>Total</b>	<b>4,439</b>	<b>6,177</b>	<b>7,206</b>





# Awards

## Associates & Certificates

	2006-07			2011-12			2016-17		
	Assoc- iates	Certif- icates	Total	Assoc- iates	Certif- icates	Total	Assoc- iates	Certif- icates	Total
Dixie State University	864	319	<b>1,182</b>	1,131	437	<b>1,568</b>	923	288	<b>1,211</b>
Southern Utah University	168	10	<b>178</b>	352	15	<b>367</b>	641	113	<b>754</b>
Utah Valley University	1,781	27	<b>1,808</b>	1,831	92	<b>1,923</b>	1,784	198	<b>1,982</b>
Weber State University	1,630	51	<b>1,681</b>	1,997	50	<b>2,047</b>	2,361	86	<b>2,447</b>
<b>Total</b>	<b>4,443</b>	<b>407</b>	<b>4,850</b>	<b>5,311</b>	<b>594</b>	<b>5,905</b>	<b>5,709</b>	<b>685</b>	<b>6,394</b>

## Associates & Certificates in Vocational Fields

	2006-07			2011-12			2016-17		
	Assoc- iates	Certif- icates	Total	Assoc- iates	Certif- icates	Total	Assoc- iates	Certif- icates	Total
Dixie State University	180	318	<b>498</b>	236	437	<b>673</b>	183	288	<b>471</b>
Southern Utah University	13	5	<b>18</b>	19	4	<b>23</b>	44	1	<b>45</b>
Utah Valley University	611	18	<b>629</b>	604	87	<b>691</b>	578	182	<b>760</b>
Weber State University	673	45	<b>718</b>	808	45	<b>853</b>	965	70	<b>1035</b>
<b>Total</b>	<b>1477</b>	<b>386</b>	<b>1863</b>	<b>1667</b>	<b>573</b>	<b>2240</b>	<b>1770</b>	<b>541</b>	<b>2311</b>



# Percent of Awards in Vocational Fields

(Bachelors, Associates, and Certificates)

	2006-07	2011-12	2016-17
Dixie State University	37.8%	32.8%	24.3%
Southern Utah University	1.7%	1.8%	2.4%
Utah Valley University	19.1%	15.2%	15.4%
Weber State University	19.8%	20.3%	21.1%

