Research Brief
July 2017

Kem C. Gardner POLICY INSTITUTE
THE UNIVERSITY OF UTAH

Utah's Long-Term Demographic and Economic Projections Summary

Principal Researchers: Pamela S. Perlich, Mike Hollingshaus, Emily R. Harris, Juliette Tennert & Michael T. Hogue

Background

The Kem C. Gardner Policy Institute prepares long-term demographic and economic projections to support informed decision making in the state. The Utah Legislature funds this research, which is done in collaboration with the Governor's Office of Management and Budget, the Office of the Legislative Fiscal Analyst, the Utah Association of Governments, and other research entities. These 50-year projections indicate continued population growth and illuminate a range of future dynamics and structural shifts for Utah. An initial set of products is available online at gardner.utah.edu. Additional research briefs, fact sheets, web-enabled visualizations, and other products will be produced in the coming year.

State-Level Results

Population

- Utah's population is projected to increase from approximately 3 million in 2015 to 5.8 million in 2065. This represents an increase of 2.8 million people with an annual average rate of change of 1.3 percent.
- The Utah population reached 3 million in 2015. Utah is projected to reach 4 million in 2032 (17 years after 2015), 5 million in 2050 (18 years after 2032), and 5.8 million in 2065.
- Though growth rates are projected to decelerate over the next 50 years, they are also projected to exceed national growth rates. Utah's growth in each decade ranges from 9.7 percent (2050-2060) to 16.7 percent growth (2010-2020). The national range is 4.4 percent (2050-2060) to 7.5 percent (2010-2020).

Components of Population Change

- Utah's total fertility rate (average number of children born to a Utah woman in her lifetime) is projected to continue the existing trend of a slow decline. From 2015-2065, rates are projected to decline from 2.32 to 2.29. These rates are projected to remain higher than national rates that move from 1.87 to 1.86 over a similar period.
- In 2065, life expectancy in Utah is projected to be 86.3 for women and 85.2 for men. This is an increase of approximately 4 years for women and 6 years for men. The sharper increase for men narrows the life expectancy gap traditionally seen between the sexes.
- Natural increase (births minus deaths) is projected to remain positive and account for two-thirds of the cumulative population increase to 2065. However, given increased life expectancy and declining fertility, the rate and amount of natural increase are projected to slowly decline over time.
- Net migration accounts for one-third of the cumulative population increase to 2065. Projections show the contributions of natural increase and net migration converging over time.

Age Composition

- Utah's median age is projected to increase by seven and a half years, rising from 30.7 years in 2015 to 38.3 years in 2065. This is a result of declining fertility and increasing life expectancy, which contribute to a larger share of retirement age persons in the population.
- The share of the population ages 65 and older is projected to double over the next 50 years, rising from 10.2 percent of the population in 2015 to 20.3 percent in 2065.
- In 2015, Utah had 372 centenarians (people at least 100 years old). That number is projected to be nearly 20 times greater by 2065, reaching 6,846 centenarians.

- The population ages 5-17 is projected to increase, but compose a smaller share of the population in 2065 than it does today. The school age population is projected to grow from 666,974 in 2015 to 996,717 in 2065, decreasing as a share of the total population from 22.3 percent to 17.1 percent.
- The dependency ratio is the population ages 0-17 and 65-plus per 100 persons ages 18-64. Utah's dependency ratio, which is higher than the national dependency ratio, is projected to rise in the next 50 years principally because of the aging population. The gap between Utah and U.S. dependency ratios is projected to decrease.

Households and Employment

- The number of households is projected to grow steadily into the future, but average household size (persons per household) is projected to decrease from 2.99 in 2015 to 2.57 in 2065.
- Projections indicate stable employment growth as well as population growth.
- The fastest-growing industries between 2015 and 2065 are projected to be construction, professional and scientific services, health care, education, and arts, entertainment, and recreation.

County-Level Results

Population

- All counties are projected to grow over the next 50 years. Projected growth is most prevalent in Utah's largest counties adjacent to Salt Lake and Utah Counties, and in southwest Utah.

Utah County

- Utah County is projected to have the largest numeric increase in population, adding over one million new residents to reach 1.6 million by 2065. The Utah County population nearly approaches the population of Salt Lake County by 2065.
- The Utah County population is projected to increase by 177 percent from 2015 to 2065, ranking it as the third fastest growing county over the projection period.
- By 2065, 28 percent of the state's population will reside in Utah County.
- Cumulatively, over the next fifty years, 37 percent of the state's population growth is projected to be in Utah County. This means nearly 4 of every 10 new Utah residents will live in Utah County.

Salt Lake County

- Salt Lake County is projected to remain the most populous in the state, reaching nearly 1.7 million people.
- Salt Lake County is projected to add nearly 600,000 new residents by 2065 and capture 21 percent of the total state population growth.

Washington County

- Washington County is projected to have the most rapid rate of growth among all counties (229 percent increase over the next 50 years).
- The population in Washington County is projected to grow to over half a million (509,000) by 2065.
- Washington County is projected to surpass Weber County to become the fourth most populous county in the state.

"Ring" Counties

- The population of the metropolitan area is projected to geographically expand beyond the four Wasatch Front urban core counties into four accessible surrounding counties.
- Wasatch County is projected to have the second highest percentage increase in the state (187 percent over 50 years). It has strong commuting ties to Summit, Salt Lake, and Utah Counties.
- Juab County is projected to have the fourth most rapid percentage growth in the state (172 percent increase over 50 years). This growth is especially tied to the Utah County growth dynamic.
- Morgan County is projected to have the fifth most rapid growth rate in the state (122 percent over 50 years). It has strong commuting ties to Weber, Davis, and Salt Lake Counties.
- Tooele County is projected to be the sixth most rapidly growing population in the state (112 percent increase over the next 50 years). It has strong commuting ties with Salt Lake County.

Households

- Over the next 50 years, Utah County is projected to capture 31 percent of the state's household growth. Counties with rapid population growth rates also tend to have high household growth rates. Growth rate rankings among the top five counties are identical, except in the cases of Utah and Juab Counties. Utah County has the third highest population growth rate, but the fourth highest household growth rate. Juab rankings are the reverse. This occurs because of the relatively large household sizes (persons per household) in Utah County.

- Utah County is projected to add 382,000 new households, the most of any county. Salt Lake County ranks second, with an additional 310,000 households. Washington County is projected to add 150,000 households, the third highest among all counties. The fourth largest increase in households is projected for Davis County, with 102,000 net new households. These four counties account for over three-quarters of projected household growth over the next 50 years.

Employment

- Salt Lake County is projected to maintain its role as the dominant employer in the state. By 2065, it is projected to employ 4 of every 10 workers in Utah, down slightly from its current level of 45 percent. The capital county is projected to create 610,000 new jobs, over one-third of the state's net employment growth.
- Utah County is projected to add 576,000 jobs and increase its share of total state employment from 17 percent to nearly one quarter (24 percent) of all state jobs. This is an increase of 185 percent, the highest growth rate among counties. One in three of the state's new jobs are projected to be in Utah County.
- Davis County is projected to add 156,000 net new jobs, ranking third in absolute growth behind Salt Lake and Utah Counties.
- Washington County employment is projected to increase by 153 percent by 2065, the second highest percentage growth behind Utah County. It is projected to add 131,000 jobs.

Table 1
Utah Population by County
2015-2065

County	2015	2025	2035	2045	2055	2065	Absolute Change 2015-2065	Percent Change 2015-2065	Rank
Beaver	6,710	7,408	8,017	8,606	9,068	9,649	2,939	44%	26
Box Elder	52,971	60,984	67,664	74,440	80,334	86,218	33,247	63%	11
Cache	121,855	146,338	171,969	195,325	212,908	234,744	112,890	93%	7
Carbon	21,164	24,343	26,870	29,069	31,240	33,144	11,980	57%	16
Daggett	1,113	1,232	1,387	1,502	1,603	1,723	610	55%	17
Davis	336,091	385,800	428,627	474,028	510,712	544,958	208,867	62%	12
Duchesne	20,821	24,277	26,596	29,178	31,205	33,153	12,332	59%	14
Emery	10,659	11,550	12,507	13,345	14,226	15,364	4,706	44%	25
Garfield	5,164	5,845	6,405	6,697	7,083	7,509	2,345	45%	24
Grand	9,757	11,182	12,203	13,266	14,139	14,794	5,037	52%	21
Iron	49,406	59,900	67,803	74,812	81,589	89,599	40,193	81%	8
Juab	11,071	15,789	19,925	23,307	26,498	30,069	18,998	172%	4
Kane	7,271	8,684	9,611	10,179	10,736	11,446	4,175	57%	15
Millard	13,104	14,403	15,619	16,605	17,435	18,617	5,514	42%	28
Morgan	11,080	15,613	19,349	21,357	22,678	24,605	13,525	122%	5
Piute	1,631	1,699	1,872	1,938	1,995	2,149	518	32%	29
Rich	2,353	2,535	2,773	2,992	3,158	3,380	1,027	44%	27
Salt Lake	1,094,650	1,249,961	1,361,099	1,470,574	1,594,804	1,693,513	598,863	55%	18
San Juan	15,902	17,932	19,330	20,562	21,775	23,316	7,413	47%	23
Sanpete	29,088	33,696	38,580	41,682	44,609	49,590	20,502	70%	10
Sevier	21,238	24,494	26,896	28,879	30,774	32,802	11,563	54%	20
Summit	39,278	46,404	54,706	60,644	65,624	70,750	31,472	80%	9
Tooele	63,262	83,922	102,338	115,463	125,291	134,272	71,010	112%	6
Uintah	37,396	42,077	45,978	50,609	54,523	57,766	20,370	54%	19
Utah	585,694	768,346	968,498	1,192,304	1,396,997	1,620,246	1,034,552	177%	3
Wasatch	28,613	42,027	54,218	64,526	73,042	82,018	53,406	187%	2
Washington	154,602	219,019	286,768	355,549	429,295	508,952	354,350	229%	1
Wayne	2,725	2,985	3,363	3,593	3,792	4,130	1,405	52%	22
Weber	242,737	286,593	317,344	344,025	368,635	389,334	146,597	60%	13
State Total	**2,997,404**	**3,615,036**	**4,178,317**	**4,745,057**	**5,285,767**	**5,827,810**	**2,830,406**	**94%**	

Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Table 2
Utah Households by County
2015-2065

County	2015	2025	2035	2045	2055	2065	Absolute Change 2015-2065	Percent Change 2015-2065	Rank
Beaver	2,399	2,806	3,161	3,456	3,697	3,995	1,596	67%	22
Box Elder	17,711	21,572	25,058	28,249	30,865	33,826	16,116	91%	13
Cache	37,645	47,540	57,627	66,376	73,831	83,168	45,523	121%	7
Carbon	8,114	9,558	10,824	11,893	12,889	13,928	5,813	72%	20
Daggett	504	567	568	611	659	675	171	34%	29
Davis	106,535	130,716	154,027	174,162	190,571	208,380	101,845	96%	12
Duchesne	6,771	8,102	9,198	10,149	10,992	11,804	5,033	74%	19
Emery	3,836	4,441	5,006	5,420	5,918	6,509	2,673	70%	21
Garfield	2,048	2,351	2,561	2,698	2,821	3,026	977	48%	27
Grand	4,270	5,177	5,955	6,616	7,212	7,680	3,410	80%	18
Iron	16,690	21,996	25,902	29,242	32,663	36,796	20,105	120%	8
Juab	3,526	5,306	7,152	8,760	10,282	11,945	8,419	239%	3
Kane	3,070	3,825	4,232	4,423	4,675	5,033	1,963	64%	23
Millard	4,578	5,300	5,956	6,371	6,815	7,428	2,850	62%	24
Morgan	3,485	5,254	6,926	7,992	8,832	9,804	6,319	181%	5
Piute	696	762	839	854	864	954	258	37%	28
Rich	888	1,009	1,105	1,204	1,287	1,379	491	55%	26
Salt Lake	379,320	454,929	521,352	579,472	635,143	689,490	310,170	82%	16
San Juan	5,146	6,489	7,635	8,591	9,514	10,539	5,393	105%	10
Sanpete	8,611	10,865	12,793	14,192	15,744	17,937	9,326	108%	9
Sevier	7,553	9,279	10,559	11,548	12,526	13,629	6,076	80%	17
Summit	15,044	19,126	23,289	26,140	28,300	30,357	15,313	102%	11
Tooele	20,707	30,108	38,929	45,686	51,099	55,536	34,829	168%	6
Uintah	12,390	14,773	17,175	19,366	21,255	22,954	10,564	85%	15
Utah	164,270	228,671	301,558	380,404	459,411	546,481	382,211	233%	4
Wasatch	9,329	14,934	20,301	24,921	29,077	33,104	23,776	255%	2
Washington	55,377	83,595	111,434	139,895	171,615	204,976	149,599	270%	1
Wayne	1,134	1,301	1,450	1,547	1,657	1,813	679	60%	25
Weber	85,795	105,945	123,153	137,384	148,917	160,949	75,154	88%	14
State Total	**987,442**	**1,256,295**	**1,515,728**	**1,757,619**	**1,989,132**	**2,234,094**	**1,246,652**	**126%**	

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

Table 3
Utah Employment by County
2015-2065

County	2015	2025	2035	2045	2055	2065	Absolute Change 2015-2065	Percent Change 2015-2065	Rank
Beaver	4,047	4,712	5,121	5,471	5,800	6,136	2,089	52%	29
Box Elder	26,715	32,201	36,043	39,430	42,740	45,989	19,274	72%	16
Cache	73,119	89,331	102,066	113,435	124,227	134,247	61,128	84%	8
Carbon	11,266	13,974	15,796	17,285	18,629	19,923	8,657	77%	13
Daggett	634	748	832	914	998	1,084	450	71%	17
Davis	172,614	215,258	246,967	275,547	302,616	328,512	155,898	90%	6
Duchesne	12,581	15,695	17,285	18,374	19,318	20,384	7,803	62%	22
Emery	5,036	5,910	6,545	7,180	7,840	8,559	3,523	70%	18
Garfield	3,420	4,063	4,461	4,814	5,144	5,453	2,033	59%	24
Grand	7,569	9,326	10,466	11,492	12,480	13,437	5,868	78%	12
Iron	23,894	29,036	32,971	36,513	39,895	43,126	19,232	80%	11
Juab	5,112	6,214	7,083	7,860	8,626	9,398	4,286	84%	7
Kane	4,799	5,554	6,106	6,591	7,016	7,375	2,576	54%	27
Millard	6,846	7,893	8,644	9,344	10,007	10,633	3,787	55%	25
Morgan	4,456	5,527	6,409	7,258	8,141	9,079	4,623	104%	4
Piute	633	713	781	847	911	975	342	54%	26
Rich	1,445	1,686	1,878	2,054	2,219	2,374	929	64%	21
Salt Lake	844,316	1,053,362	1,182,092	1,293,225	1,385,240	1,454,567	610,251	72%	15
San Juan	6,386	7,738	8,684	9,447	10,146	10,850	4,464	70%	19
Sanpete	11,990	14,254	16,074	17,725	19,338	20,924	8,934	75%	14
Sevier	11,938	14,564	16,114	17,302	18,302	19,220	7,282	61%	23
Summit	39,799	49,973	57,240	64,008	70,583	76,693	36,894	93%	5
Tooele	21,331	26,266	29,791	32,892	35,814	38,583	17,252	81%	10
Uintah	19,161	23,817	26,497	28,496	30,283	32,179	13,018	68%	20
Utah	311,650	423,013	520,050	629,808	753,266	887,896	576,246	185%	1
Wasatch	14,111	17,957	21,049	23,972	26,929	29,967	15,856	112%	3
Washington	85,410	123,225	154,444	180,362	200,966	216,247	130,837	153%	2
Wayne	1,763	2,141	2,414	2,668	2,927	3,204	1,441	82%	9
Weber	131,651	169,524	184,636	192,441	197,804	201,696	70,045	53%	28
State Total	**1,863,692**	**2,373,675**	**2,728,541**	**3,056,754**	**3,368,205**	**3,658,710**	**1,795,018**	**96%**	

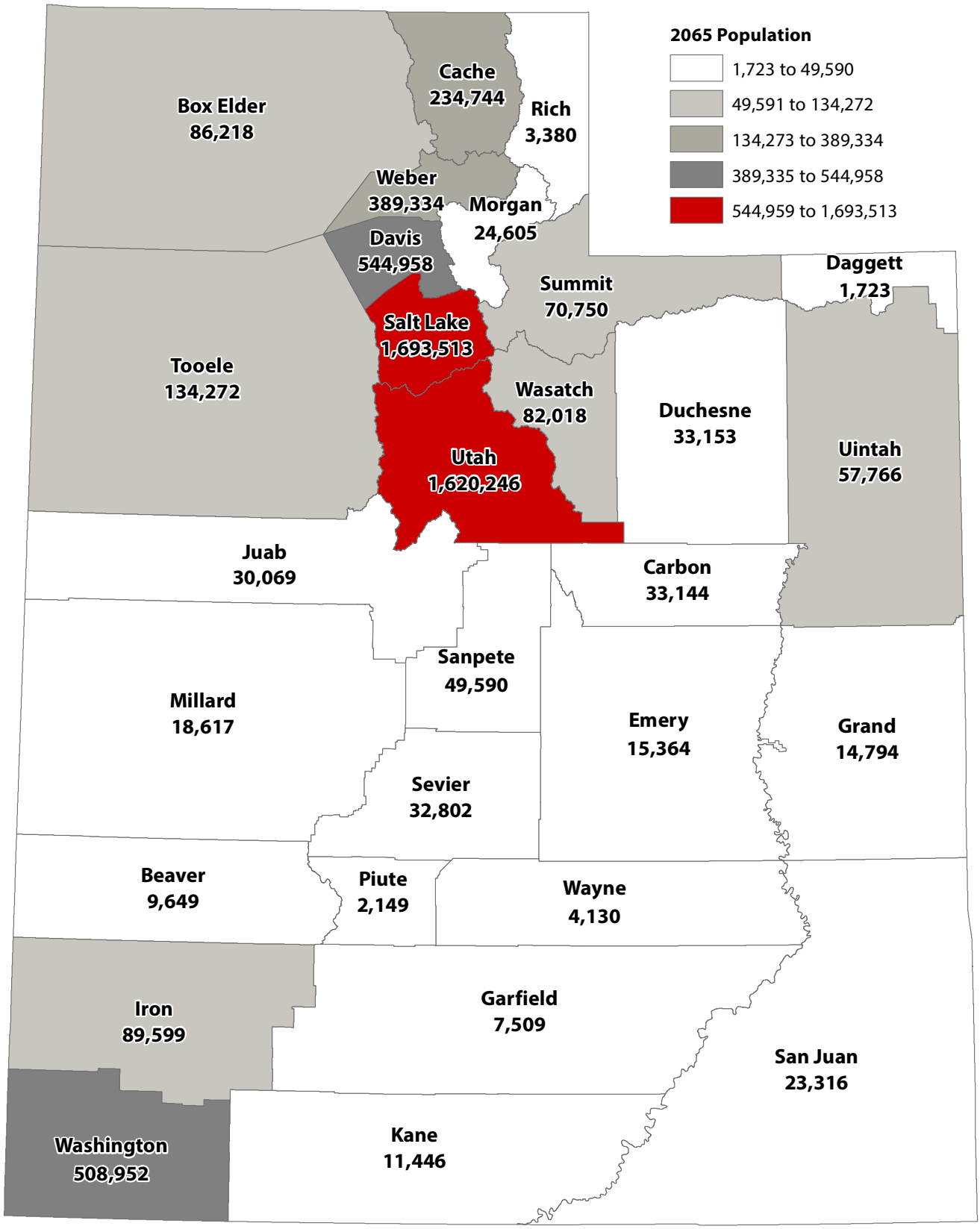
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; U.S. Bureau of Economic Analysis Local Area Employment data

Table 4
Utah Total Employment by Industry
2015-2065

Wage and Salary Employment	2015	2025	2035	2045	2055	2065	Absolute Change 2015-2065	Percent Change 2015-2065	Rank
Agriculture	5,375	6,139	6,680	7,261	7,878	8,527	3,152	58.7%	10
Mining	10,371	14,594	14,842	13,603	11,955	10,810	439	4.2%	17
Utilities	3,915	3,396	2,853	2,746	2,729	2,707	-1,207	-30.8%	21
Construction	84,679	139,236	189,393	245,869	313,012	394,184	309,505	365.5%	1
Manufacturing	123,742	138,616	144,029	148,167	152,890	156,397	32,655	26.4%	16
Retail	157,969	179,273	189,685	201,068	211,428	220,018	62,050	39.3%	14
Transportation and Warehousing	51,122	65,317	64,180	60,221	53,381	44,673	-6,449	-12.6%	20
Wholesale	50,004	61,934	66,637	69,321	71,380	73,100	23,096	46.2%	12
Information	34,443	43,727	52,475	63,234	74,976	85,930	51,487	149.5%	5
Finance and Insurance	60,386	74,663	84,591	95,522	105,455	113,366	52,981	87.7%	8
Real Estate	18,643	21,591	24,105	26,032	27,040	26,307	7,664	41.1%	13
Professional and Technical Services	88,018	137,359	181,517	222,857	260,580	292,024	204,007	231.8%	2
Management	20,203	19,539	17,860	16,383	14,673	12,541	-7,661	-37.9%	22
Administrative and Waste Services	85,999	130,583	162,265	191,742	220,526	248,263	162,264	188.7%	3
Education	42,128	61,471	70,392	75,231	80,101	86,199	44,071	104.6%	7
Health	140,163	190,858	232,200	261,278	280,145	289,890	149,727	106.8%	6
Arts, Ent, Rec	21,111	30,207	36,676	43,465	50,219	55,756	34,645	164.1%	4
Accommodations and Food	112,549	137,441	143,292	147,809	151,409	154,388	41,840	37.2%	15
Other services	38,697	37,176	40,101	41,403	39,984	35,587	-3,110	-8.0%	19
State and Local Government	198,676	233,844	264,700	296,485	328,071	358,892	160,217	80.6%	9
Federal Government, Civilian	34,958	40,581	43,789	46,583	49,215	51,831	16,873	48.3%	11
Federal Government, Military	16,166	15,296	15,277	15,320	15,350	15,356	-810	-5.0%	18
All Other Employment*	464,381	590,834	681,001	765,152	845,806	921,964	457,583	98.5%	
State Total	**1,863,692**	**2,373,675**	**2,728,541**	**3,056,754**	**3,368,205**	**3,658,710**	**1,795,018**	**96.3%**	

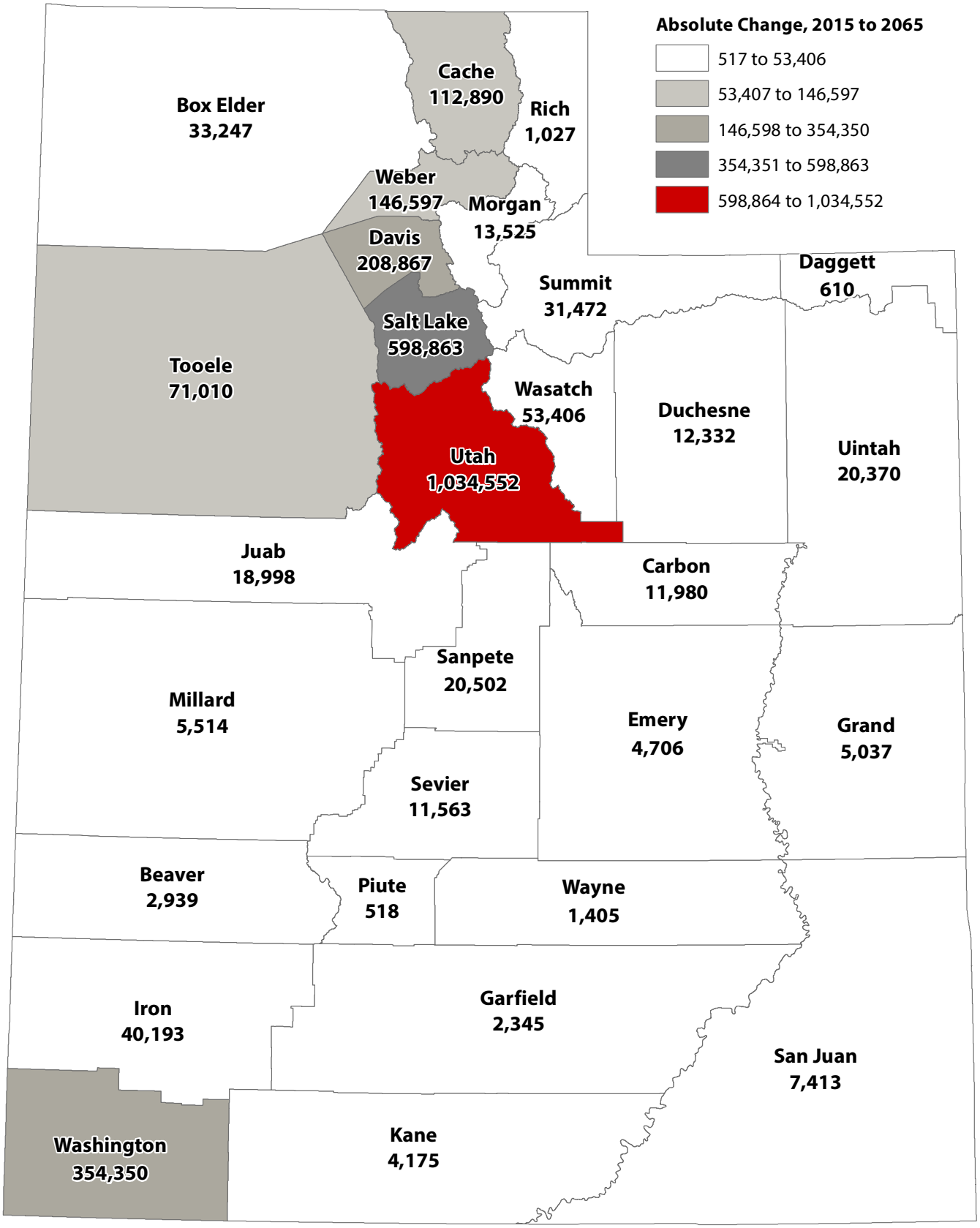
*Includes farm, sole proprietor, and other categories of employment not covered by the Utah Department of Workforce Services Quarterly Census of Employment and Wages.
Sources: Kem C. Gardner Policy Institute 2015 - 2065 State and County Projections; U.S. Bureau of Economic Analysis Local Area Employment data; Utah Department of Workforce Services Quarterly Census of Employment and Wages data

Figure 1:
Utah Population by County
2065



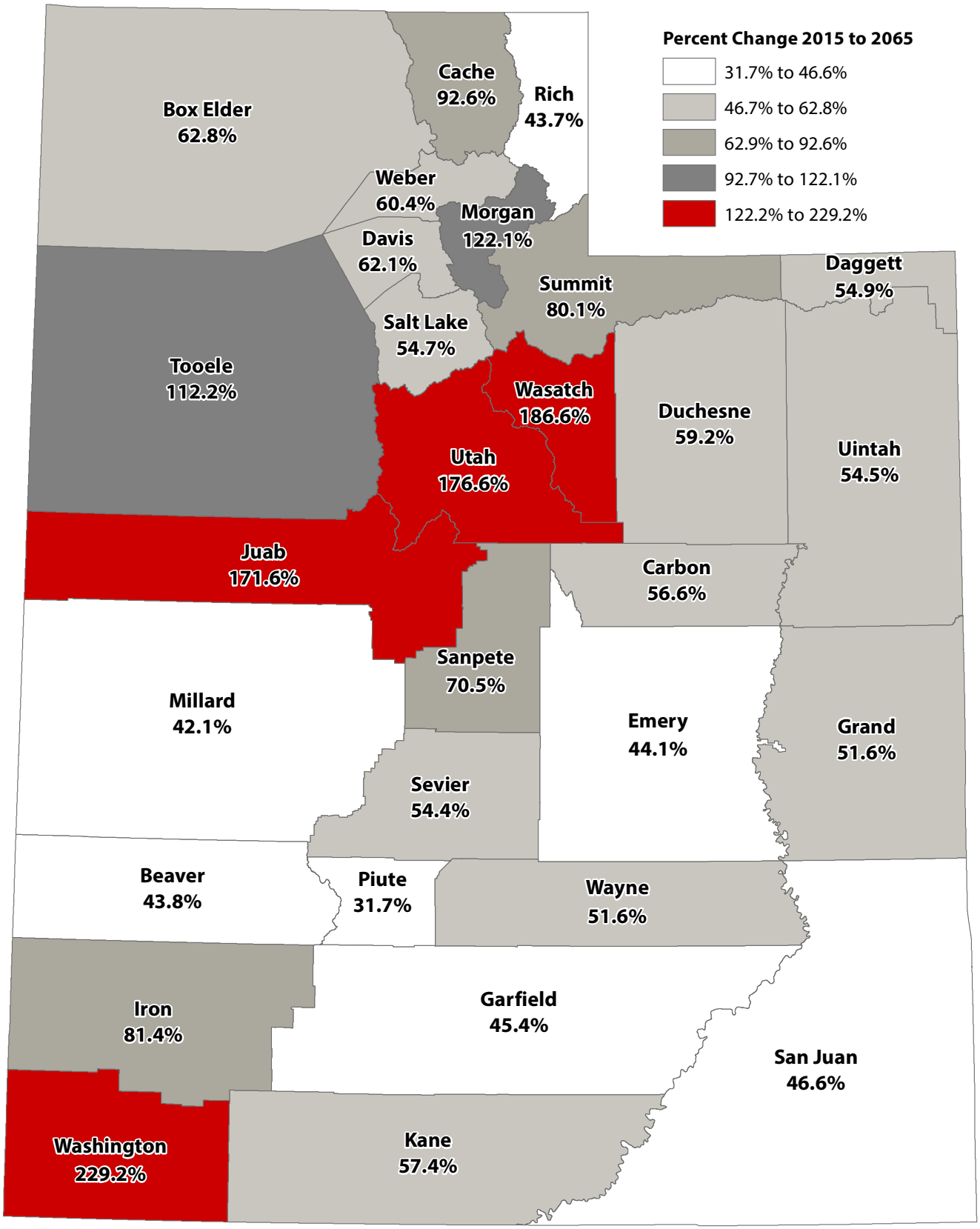
Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections.

Figure 2:
Absolute Change in Utah Population by County
2015-2065



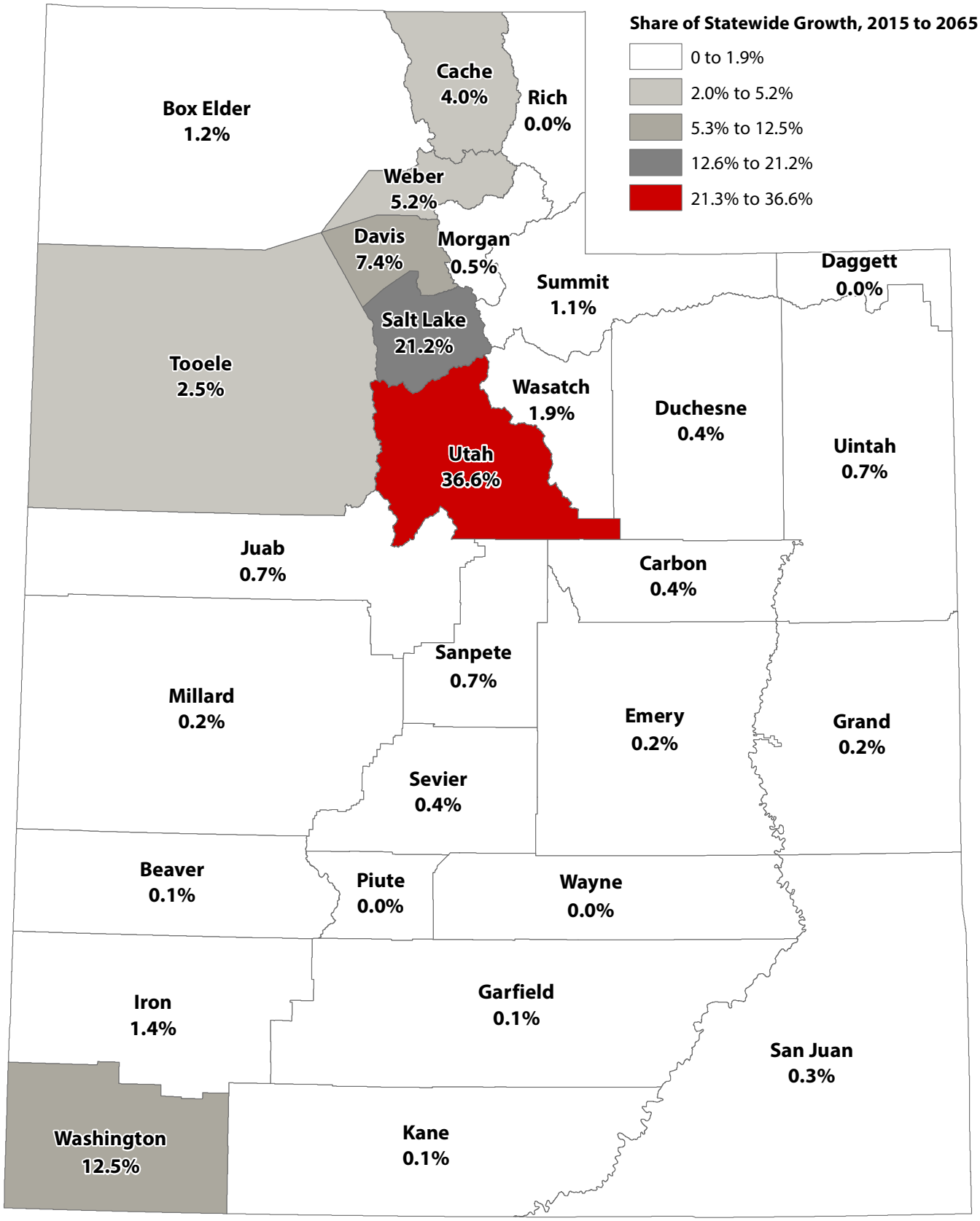
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 3:
Percent Change in Utah Population by County
2015-2065



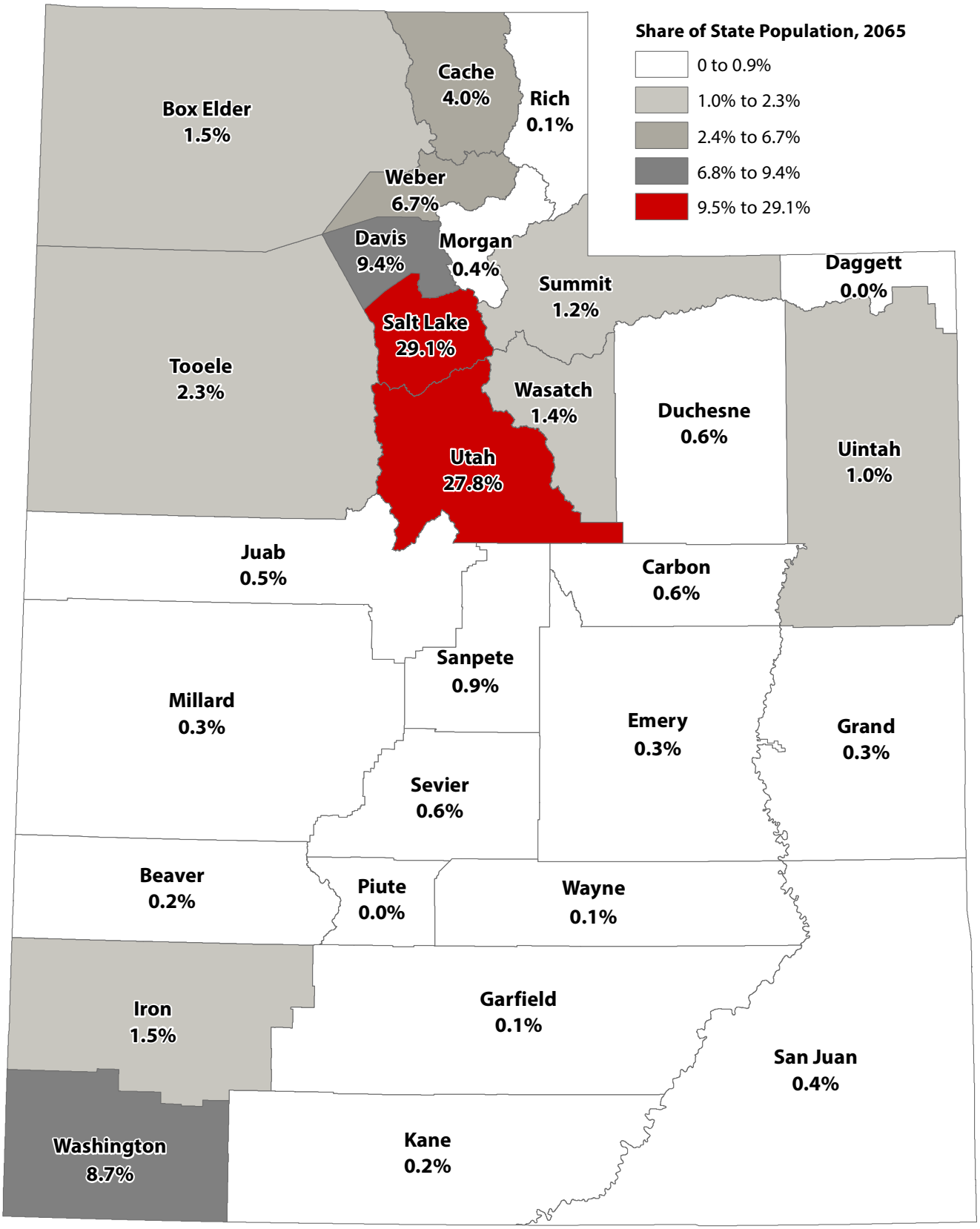
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 4:
Share of Statewide Growth by County
2015-2065



Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 5:
Share of Utah Population by County
2065



Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Table 5
Utah Population
2015-2065

Year	Total	Absolute Growth	Growth Rate	Median Age	Year	Total	Absolute Growth	Growth Rate	Median Age
2015	2,997,404			30.7	2041	4,520,678	56,728	1.3%	35.8
2016	3,054,806	57,402	1.9%	30.9	2042	4,577,247	56,569	1.3%	36.0
2017	3,123,607	68,801	2.3%	31.2	2043	4,633,568	56,321	1.2%	36.2
2018	3,193,415	69,809	2.2%	31.4	2044	4,689,532	55,965	1.2%	36.4
2019	3,260,765	67,349	2.1%	31.7	2045	4,745,057	55,525	1.2%	36.6
2020	3,325,425	64,661	2.0%	31.9	2046	4,800,120	55,062	1.2%	36.8
2021	3,389,467	64,042	1.9%	32.2	2047	4,854,748	54,628	1.1%	36.9
2022	3,449,985	60,518	1.8%	32.5	2048	4,909,089	54,341	1.1%	37.1
2023	3,507,364	57,379	1.7%	32.8	2049	4,963,211	54,122	1.1%	37.2
2024	3,562,226	54,861	1.6%	33.0	2050	5,017,232	54,022	1.1%	37.3
2025	3,615,036	52,811	1.5%	33.3	2051	5,071,236	54,004	1.1%	37.4
2026	3,669,342	54,306	1.5%	33.4	2052	5,125,126	53,890	1.1%	37.4
2027	3,723,441	54,099	1.5%	33.6	2053	5,178,833	53,707	1.0%	37.5
2028	3,778,152	54,711	1.5%	33.7	2054	5,232,327	53,495	1.0%	37.6
2029	3,833,308	55,155	1.5%	33.8	2055	5,285,767	53,439	1.0%	37.7
2030	3,889,310	56,003	1.5%	34.0	2056	5,339,307	53,540	1.0%	37.7
2031	3,946,122	56,811	1.5%	34.1	2057	5,393,004	53,696	1.0%	37.8
2032	4,004,069	57,948	1.5%	34.3	2058	5,446,925	53,921	1.0%	37.9
2033	4,062,343	58,273	1.5%	34.4	2059	5,501,088	54,163	1.0%	38.0
2034	4,120,490	58,148	1.4%	34.6	2060	5,555,423	54,335	1.0%	38.0
2035	4,178,317	57,826	1.4%	34.8	2061	5,609,943	54,519	1.0%	38.1
2036	4,235,865	57,548	1.4%	34.9	2062	5,664,555	54,613	1.0%	38.1
2037	4,293,208	57,344	1.4%	35.1	2063	5,719,145	54,590	1.0%	38.2
2038	4,350,268	57,060	1.3%	35.3	2064	5,773,599	54,454	1.0%	38.3
2039	4,407,155	56,887	1.3%	35.5	2065	5,827,810	54,210	0.9%	38.3
2040	4,463,950	56,795	1.3%	35.7					

Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Table 6
Utah School Age Population (5-17 years of age)
2015-2065

Year	Total	Absolute Growth	Growth Rate		Year	Total	Absolute Growth	Growth Rate
2015	666,974				2041	836,467	10,039	1.2%
2016	676,459	9,486	1.4%		2042	846,377	9,910	1.2%
2017	684,631	8,172	1.2%		2043	855,987	9,610	1.1%
2018	693,269	8,638	1.3%		2044	865,150	9,163	1.1%
2019	699,962	6,693	1.0%		2045	873,751	8,601	1.0%
2020	705,631	5,669	0.8%		2046	881,707	7,956	0.9%
2021	708,542	2,911	0.4%		2047	888,990	7,283	0.8%
2022	712,480	3,938	0.6%		2048	895,633	6,643	0.7%
2023	715,336	2,856	0.4%		2049	901,673	6,040	0.7%
2024	717,354	2,019	0.3%		2050	907,179	5,506	0.6%
2025	718,210	856	0.1%		2051	912,247	5,068	0.6%
2026	719,678	1,468	0.2%		2052	916,968	4,722	0.5%
2027	721,751	2,073	0.3%		2053	921,447	4,479	0.5%
2028	724,517	2,766	0.4%		2054	925,810	4,363	0.5%
2029	729,200	4,683	0.6%		2055	930,229	4,419	0.5%
2030	736,180	6,980	1.0%		2056	934,856	4,627	0.5%
2031	742,719	6,540	0.9%		2057	939,808	4,952	0.5%
2032	750,959	8,239	1.1%		2058	945,186	5,378	0.6%
2033	759,942	8,983	1.2%		2059	951,062	5,876	0.6%
2034	770,334	10,392	1.4%		2060	957,453	6,392	0.7%
2035	779,026	8,692	1.1%		2061	964,370	6,917	0.7%
2036	787,890	8,864	1.1%		2062	971,800	7,430	0.8%
2037	797,104	9,214	1.2%		2063	979,706	7,906	0.8%
2038	806,637	9,533	1.2%		2064	988,034	8,328	0.9%
2039	816,444	9,807	1.2%		2065	996,717	8,683	0.9%
2040	826,429	9,984	1.2%					

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

Table 7
Utah Working Age Population (18-64 Years of Age)
2015-2065

Year	Total	Absolute Growth	Growth Rate	Year	Total	Absolute Growth	Growth Rate
2015	1,770,860			2041	2,624,934	27,708	1.1%
2016	1,805,616	34,756	2.0%	2042	2,650,884	25,950	1.0%
2017	1,845,065	39,449	2.2%	2043	2,675,796	24,912	0.9%
2018	1,884,245	39,181	2.1%	2044	2,700,610	24,814	0.9%
2019	1,921,806	37,560	2.0%	2045	2,724,245	23,634	0.9%
2020	1,957,722	35,916	1.9%	2046	2,748,346	24,101	0.9%
2021	1,993,455	35,734	1.8%	2047	2,772,936	24,590	0.9%
2022	2,027,389	33,934	1.7%	2048	2,798,125	25,189	0.9%
2023	2,060,074	32,684	1.6%	2049	2,824,301	26,176	0.9%
2024	2,091,879	31,805	1.5%	2050	2,849,739	25,438	0.9%
2025	2,122,790	30,911	1.5%	2051	2,875,047	25,308	0.9%
2026	2,155,321	32,531	1.5%	2052	2,900,854	25,807	0.9%
2027	2,187,581	32,260	1.5%	2053	2,927,033	26,180	0.9%
2028	2,220,156	32,575	1.5%	2054	2,952,816	25,783	0.9%
2029	2,252,342	32,186	1.4%	2055	2,976,951	24,135	0.8%
2030	2,284,097	31,755	1.4%	2056	2,999,376	22,424	0.8%
2031	2,318,155	34,058	1.5%	2057	3,025,642	26,266	0.9%
2032	2,351,322	33,167	1.4%	2058	3,054,385	28,744	1.0%
2033	2,384,111	32,789	1.4%	2059	3,084,598	30,213	1.0%
2034	2,414,778	30,667	1.3%	2060	3,115,001	30,403	1.0%
2035	2,445,419	30,641	1.3%	2061	3,142,583	27,582	0.9%
2036	2,475,620	30,201	1.2%	2062	3,167,041	24,459	0.8%
2037	2,506,546	30,927	1.2%	2063	3,192,733	25,692	0.8%
2038	2,537,729	31,183	1.2%	2064	3,217,796	25,063	0.8%
2039	2,568,245	30,516	1.2%	2065	3,241,337	23,542	0.7%
2040	2,597,226	28,981	1.1%				

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

Table 8
Utah Retirement Age Population (65+ years of age)
2015-2065

Year	Total	Absolute Growth	Growth Rate		Year	Total	Absolute Growth	Growth Rate
2015	305,273				2041	718,784	17,212	2.5%
2016	318,894	13,621	4.5%		2042	737,883	19,099	2.7%
2017	335,812	16,918	5.3%		2043	758,145	20,261	2.7%
2018	354,259	18,446	5.5%		2044	778,604	20,459	2.7%
2019	372,850	18,591	5.2%		2045	800,316	21,712	2.8%
2020	391,442	18,592	5.0%		2046	821,637	21,321	2.7%
2021	411,593	20,151	5.1%		2047	842,566	20,929	2.5%
2022	431,420	19,828	4.8%		2048	863,081	20,515	2.4%
2023	450,715	19,295	4.5%		2049	882,794	19,713	2.3%
2024	469,232	18,517	4.1%		2050	903,462	20,668	2.3%
2025	487,659	18,427	3.9%		2051	924,451	20,990	2.3%
2026	504,883	17,224	3.5%		2052	944,955	20,504	2.2%
2027	521,321	16,438	3.3%		2053	964,935	19,980	2.1%
2028	537,054	15,733	3.0%		2054	985,028	20,092	2.1%
2029	551,460	14,406	2.7%		2055	1,006,482	21,454	2.2%
2030	564,649	13,190	2.4%		2056	1,029,384	22,902	2.3%
2031	576,640	11,991	2.1%		2057	1,048,149	18,765	1.8%
2032	588,852	12,211	2.1%		2058	1,064,146	15,997	1.5%
2033	601,095	12,244	2.1%		2059	1,078,369	14,224	1.3%
2034	614,121	13,026	2.2%		2060	1,092,054	13,685	1.3%
2035	628,814	14,693	2.4%		2061	1,108,251	16,197	1.5%
2036	643,797	14,983	2.4%		2062	1,127,225	18,975	1.7%
2037	657,890	14,093	2.2%		2063	1,144,582	17,356	1.5%
2038	671,534	13,644	2.1%		2064	1,162,154	17,572	1.5%
2039	685,764	14,229	2.1%		2065	1,180,818	18,664	1.6%
2040	701,572	15,809	2.3%					

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

Table 9
Utah Components of Population Change
2015-2065

Year	Births	Deaths	Natural Increase	Net Migration		Year	Births	Deaths	Natural Increase	Net Migration
2015	50,904	17,353	33,551	21,994		2041	69,138	31,201	37,937	18,791
2016	50,573	17,445	33,128	24,274		2042	69,432	31,922	37,510	19,059
2017	53,382	17,541	35,841	32,960		2043	69,755	32,632	37,123	19,198
2018	54,144	18,256	35,888	33,920		2044	70,100	33,328	36,772	19,192
2019	54,883	19,003	35,880	31,469		2045	70,478	34,003	36,475	19,049
2020	55,563	19,747	35,816	28,845		2046	70,893	34,654	36,239	18,823
2021	56,226	17,839	38,388	25,654		2047	71,349	35,287	36,062	18,566
2022	56,884	18,437	38,447	22,071		2048	71,845	35,909	35,937	18,405
2023	57,534	19,029	38,505	18,874		2049	72,392	36,506	35,885	18,236
2024	58,201	19,615	38,586	16,275		2050	72,985	37,082	35,903	18,119
2025	58,897	20,201	38,696	14,115		2051	73,623	37,642	35,981	18,023
2026	59,623	20,790	38,833	15,473		2052	74,307	38,194	36,113	17,777
2027	60,430	21,381	39,049	15,051		2053	75,031	38,741	36,291	17,416
2028	61,262	21,987	39,275	15,436		2054	75,785	39,284	36,500	16,994
2029	62,122	22,614	39,507	15,648		2055	76,557	39,828	36,730	16,710
2030	62,984	23,260	39,724	16,278		2056	77,343	40,377	36,966	16,574
2031	63,831	23,925	39,905	16,906		2057	78,139	40,938	37,201	16,496
2032	64,657	24,611	40,046	17,902		2058	78,933	41,518	37,414	16,507
2033	65,449	25,319	40,131	18,143		2059	79,717	42,123	37,595	16,569
2034	66,169	26,040	40,129	18,019		2060	80,485	42,755	37,730	16,605
2035	66,807	26,771	40,036	17,790		2061	81,229	43,421	37,809	16,711
2036	67,362	27,509	39,853	17,695		2062	81,944	44,119	37,825	16,787
2037	67,827	28,252	39,575	17,768		2063	82,624	44,850	37,774	16,816
2038	68,218	28,995	39,223	17,837		2064	83,266	45,617	37,650	16,804
2039	68,555	29,736	38,819	18,068		2065	83,868	46,416	37,452	16,758
2040	68,856	30,472	38,385	18,411						

Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Table 10
Utah Total Employment
2015-2065

Year	Total	Absolute Growth	Growth Rate		Year	Total	Absolute Growth	Growth Rate
2015	1,863,692				2041	2,927,472	32,685	1.1%
2016	1,932,688	68,996	3.7%		2042	2,960,009	32,537	1.1%
2017	1,998,217	65,530	3.4%		2043	2,992,403	32,394	1.1%
2018	2,058,177	59,959	3.0%		2044	3,024,653	32,251	1.1%
2019	2,113,031	54,854	2.7%		2045	3,056,754	32,101	1.1%
2020	2,163,867	50,835	2.4%		2046	3,088,695	31,941	1.0%
2021	2,210,750	46,883	2.2%		2047	3,120,470	31,775	1.0%
2022	2,254,342	43,592	2.0%		2048	3,152,074	31,604	1.0%
2023	2,295,518	41,176	1.8%		2049	3,183,499	31,426	1.0%
2024	2,335,118	39,600	1.7%		2050	3,214,743	31,244	1.0%
2025	2,373,675	38,558	1.7%		2051	3,245,805	31,062	1.0%
2026	2,411,432	37,756	1.6%		2052	3,276,685	30,880	1.0%
2027	2,448,420	36,988	1.5%		2053	3,307,381	30,696	0.9%
2028	2,484,712	36,292	1.5%		2054	3,337,889	30,508	0.9%
2029	2,520,483	35,771	1.4%		2055	3,368,205	30,316	0.9%
2030	2,555,872	35,388	1.4%		2056	3,398,322	30,117	0.9%
2031	2,590,957	35,086	1.4%		2057	3,428,234	29,911	0.9%
2032	2,625,769	34,811	1.3%		2058	3,457,930	29,697	0.9%
2033	2,660,302	34,534	1.3%		2059	3,487,402	29,471	0.9%
2034	2,694,557	34,254	1.3%		2060	3,516,636	29,234	0.8%
2035	2,728,541	33,984	1.3%		2061	3,545,619	28,983	0.8%
2036	2,762,252	33,711	1.2%		2062	3,574,337	28,717	0.8%
2037	2,795,701	33,449	1.2%		2063	3,602,770	28,434	0.8%
2038	2,828,921	33,220	1.2%		2064	3,630,902	28,131	0.8%
2039	2,861,942	33,021	1.2%		2065	3,658,710	27,808	0.8%
2040	2,894,787	32,845	1.1%					

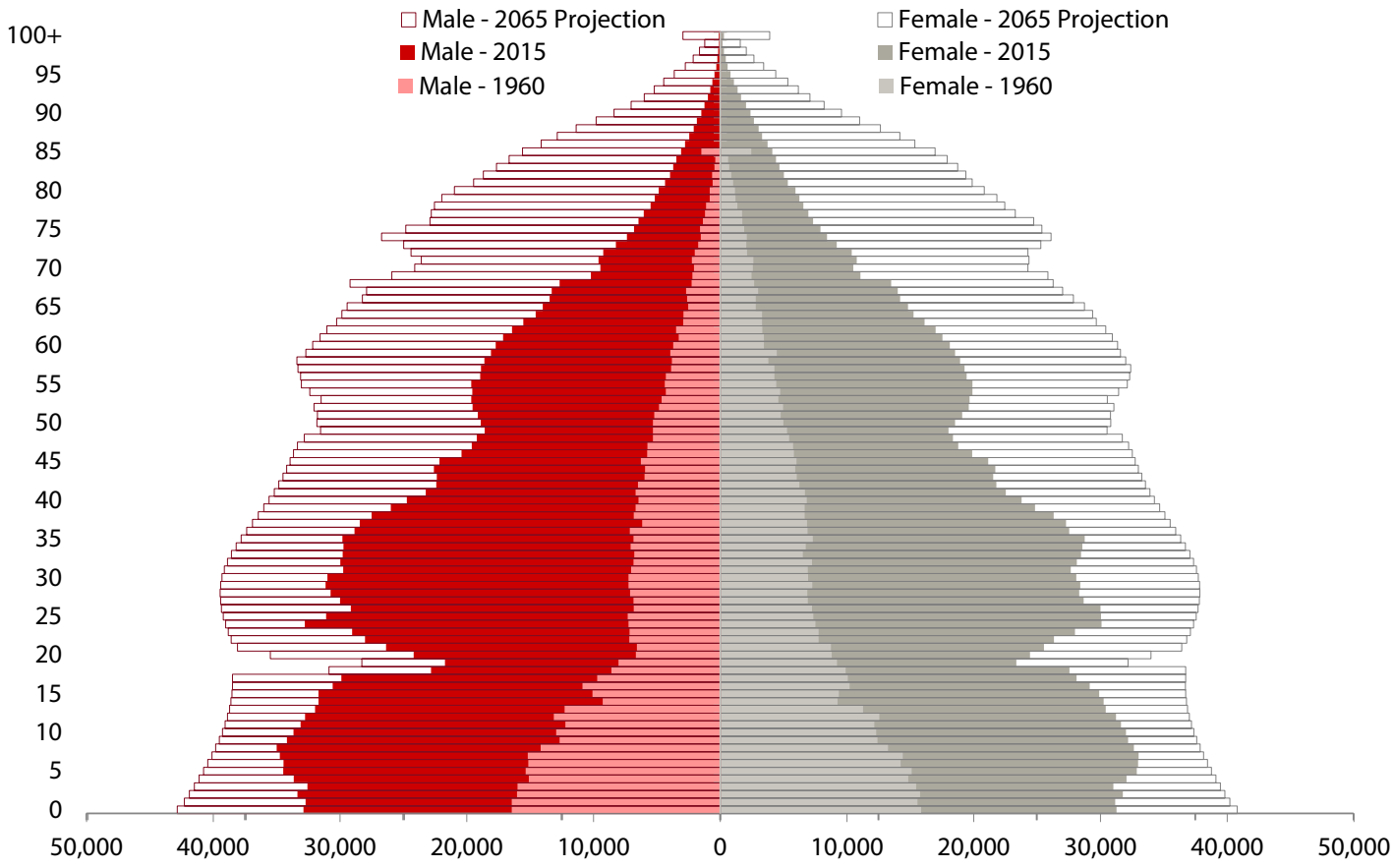
Source: U.S. Bureau of Economic Analysis Local Area Employment data.

Table 11
Utah Total Households and Average Household Size
2015-2065

Year	Total	Absolute Growth	Growth Rate	Average Size		Year	Total	Absolute Growth	Growth Rate	Average Size
2015	987,442			2.99		2041	1,664,539	24,196	1.5%	2.67
2016	1,011,905	24,463	2.5%	2.97		2042	1,688,209	23,670	1.4%	2.67
2017	1,039,980	28,075	2.8%	2.95		2043	1,711,483	23,274	1.4%	2.66
2018	1,069,114	29,134	2.8%	2.94		2044	1,734,756	23,273	1.4%	2.66
2019	1,097,501	28,387	2.7%	2.92		2045	1,757,619	22,863	1.3%	2.66
2020	1,125,044	27,543	2.5%	2.91		2046	1,780,277	22,657	1.3%	2.65
2021	1,153,177	28,133	2.5%	2.89		2047	1,802,676	22,399	1.3%	2.65
2022	1,180,155	26,978	2.3%	2.88		2048	1,825,099	22,423	1.2%	2.65
2023	1,206,243	26,088	2.2%	2.86		2049	1,847,852	22,754	1.2%	2.64
2024	1,231,542	25,299	2.1%	2.85		2050	1,870,806	22,954	1.2%	2.64
2025	1,256,295	24,753	2.0%	2.83		2051	1,893,840	23,034	1.2%	2.63
2026	1,281,399	25,104	2.0%	2.82		2052	1,916,951	23,110	1.2%	2.63
2027	1,306,435	25,036	2.0%	2.80		2053	1,940,444	23,493	1.2%	2.62
2028	1,331,723	25,288	1.9%	2.79		2054	1,964,548	24,104	1.2%	2.62
2029	1,357,131	25,408	1.9%	2.78		2055	1,989,132	24,584	1.3%	2.61
2030	1,382,797	25,666	1.9%	2.77		2056	2,013,292	24,161	1.2%	2.61
2031	1,409,046	26,249	1.9%	2.76		2057	2,037,308	24,016	1.2%	2.60
2032	1,435,827	26,781	1.9%	2.74		2058	2,061,648	24,340	1.2%	2.60
2033	1,462,740	26,913	1.9%	2.73		2059	2,086,297	24,649	1.2%	2.59
2034	1,489,601	26,861	1.8%	2.72		2060	2,111,304	25,007	1.2%	2.59
2035	1,515,728	26,126	1.8%	2.71		2061	2,136,644	25,340	1.2%	2.58
2036	1,541,141	25,414	1.7%	2.71		2062	2,161,332	24,688	1.2%	2.58
2037	1,566,339	25,198	1.6%	2.70		2063	2,185,757	24,426	1.1%	2.57
2038	1,591,194	24,855	1.6%	2.69		2064	2,210,140	24,383	1.1%	2.57
2039	1,615,947	24,752	1.6%	2.68		2065	2,234,094	23,954	1.1%	2.57
2040	1,640,342	24,396	1.5%	2.68						

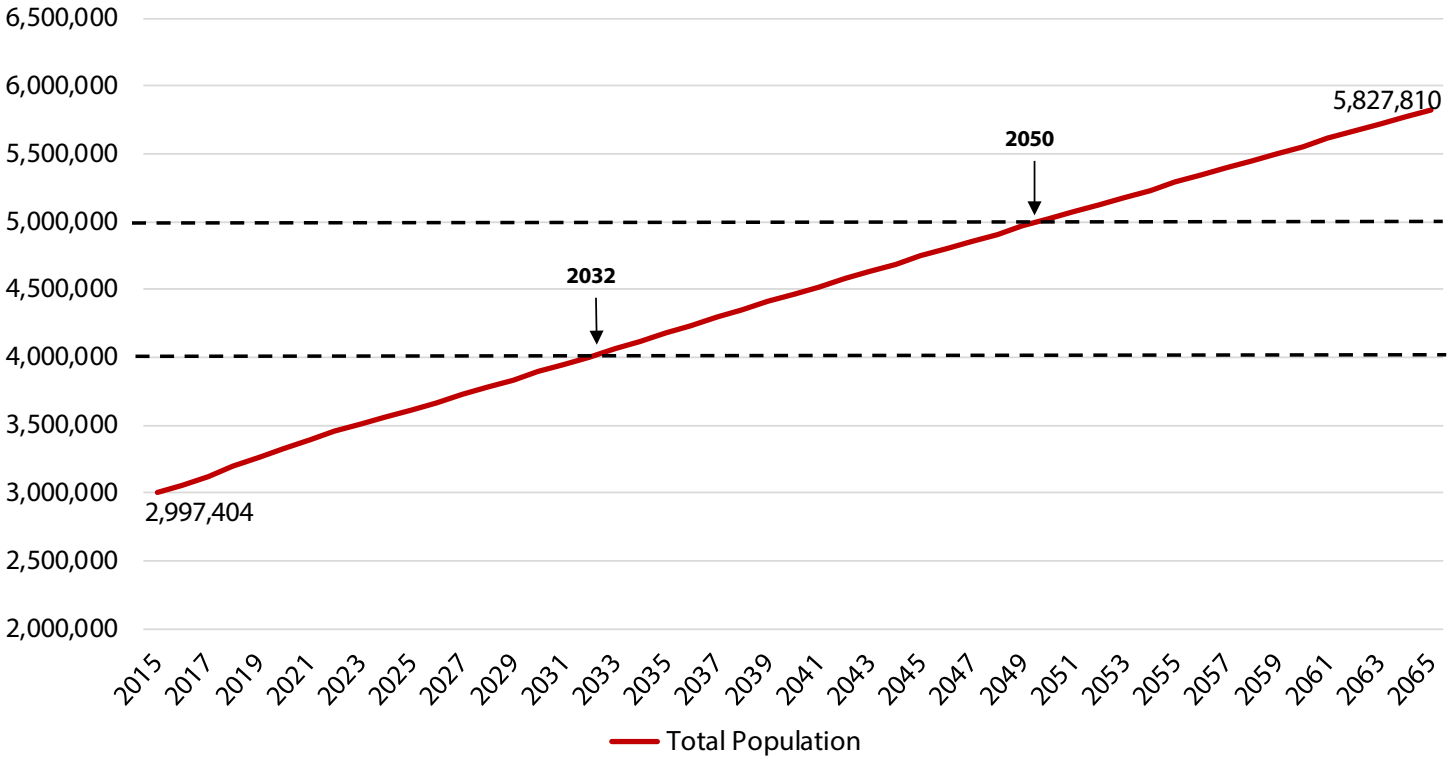
Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections.

Figure 6
Utah Population Pyramid
1960, 2015, and 2065



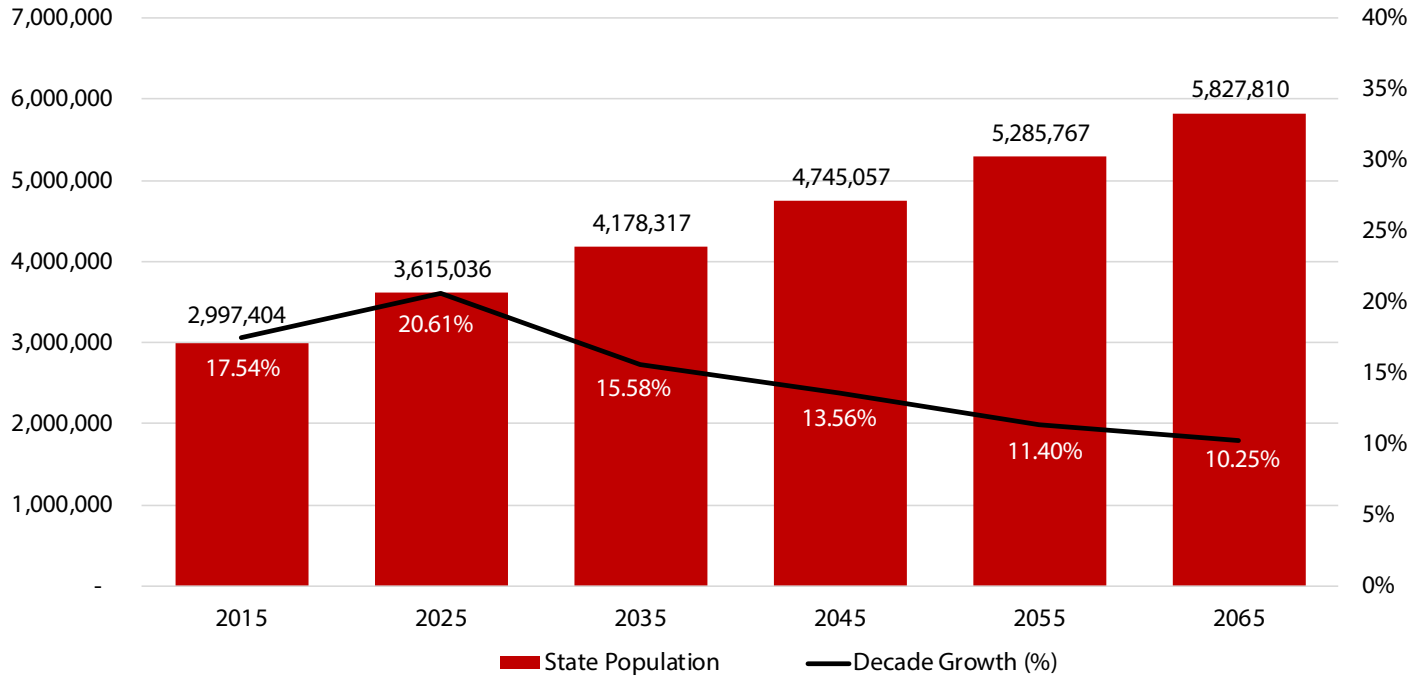
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; U.S. Census Bureau Decennial Count Data.

Figure 7
Utah Total Population with Million Markers
2015-2065



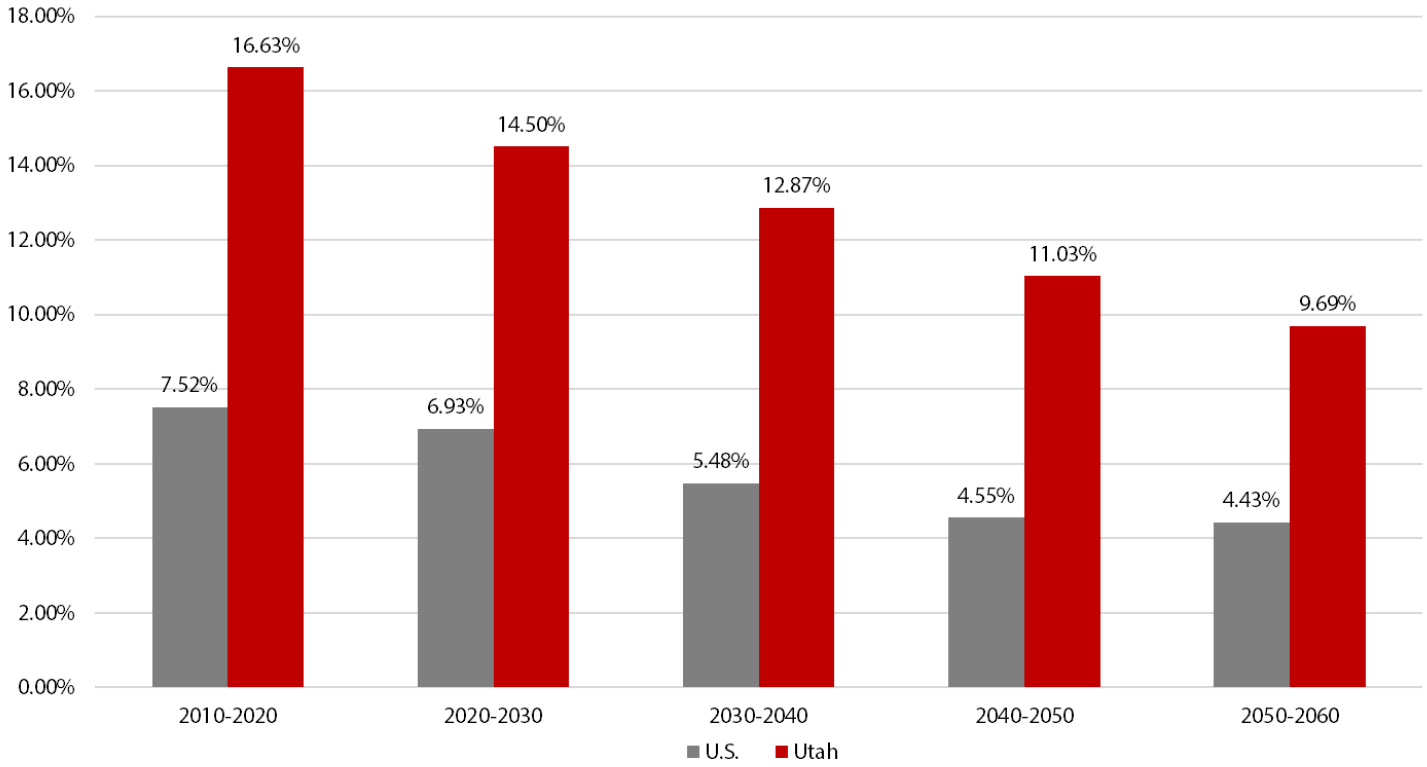
Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 8
Utah Population and Growth Projections by Decade
2015-2065



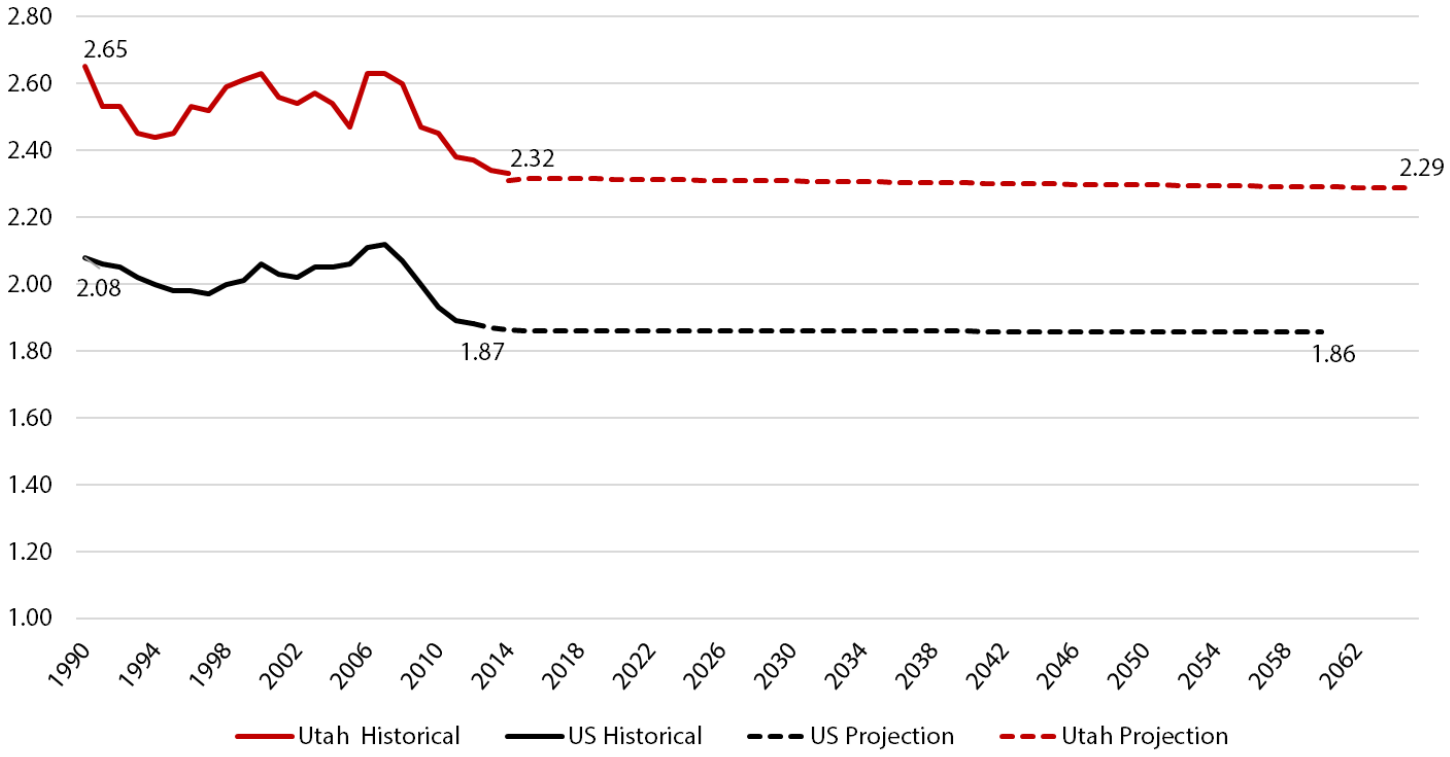
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 9
Projected Percent Growth by Decade
Utah and U.S., 2010-2060



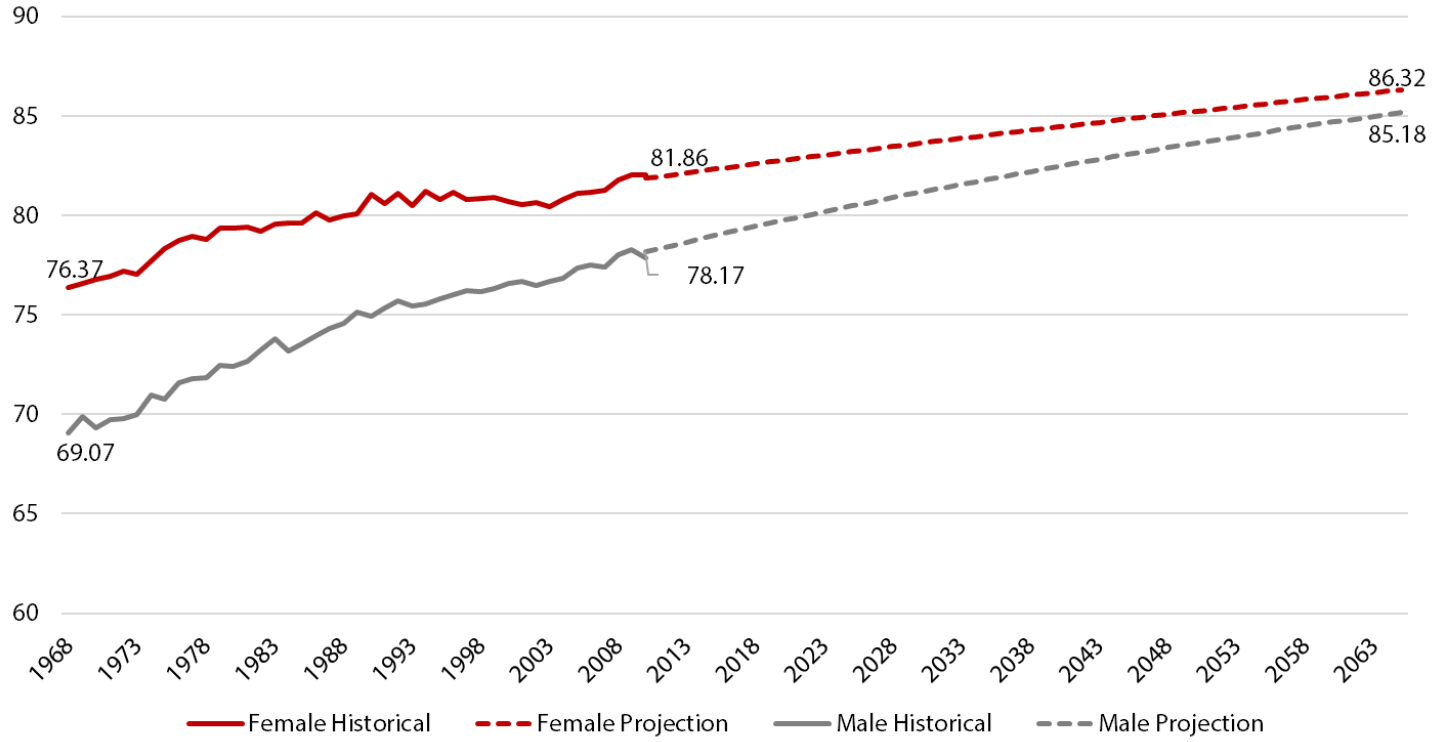
Sources: Census Bureau 2014-2060 National Projections; Kem C. Gardner Policy Institute 2015-2065 State and County Projections.

Figure 10
Historical and Projected Total Fertility Rates
Utah and U.S., 1990-2065



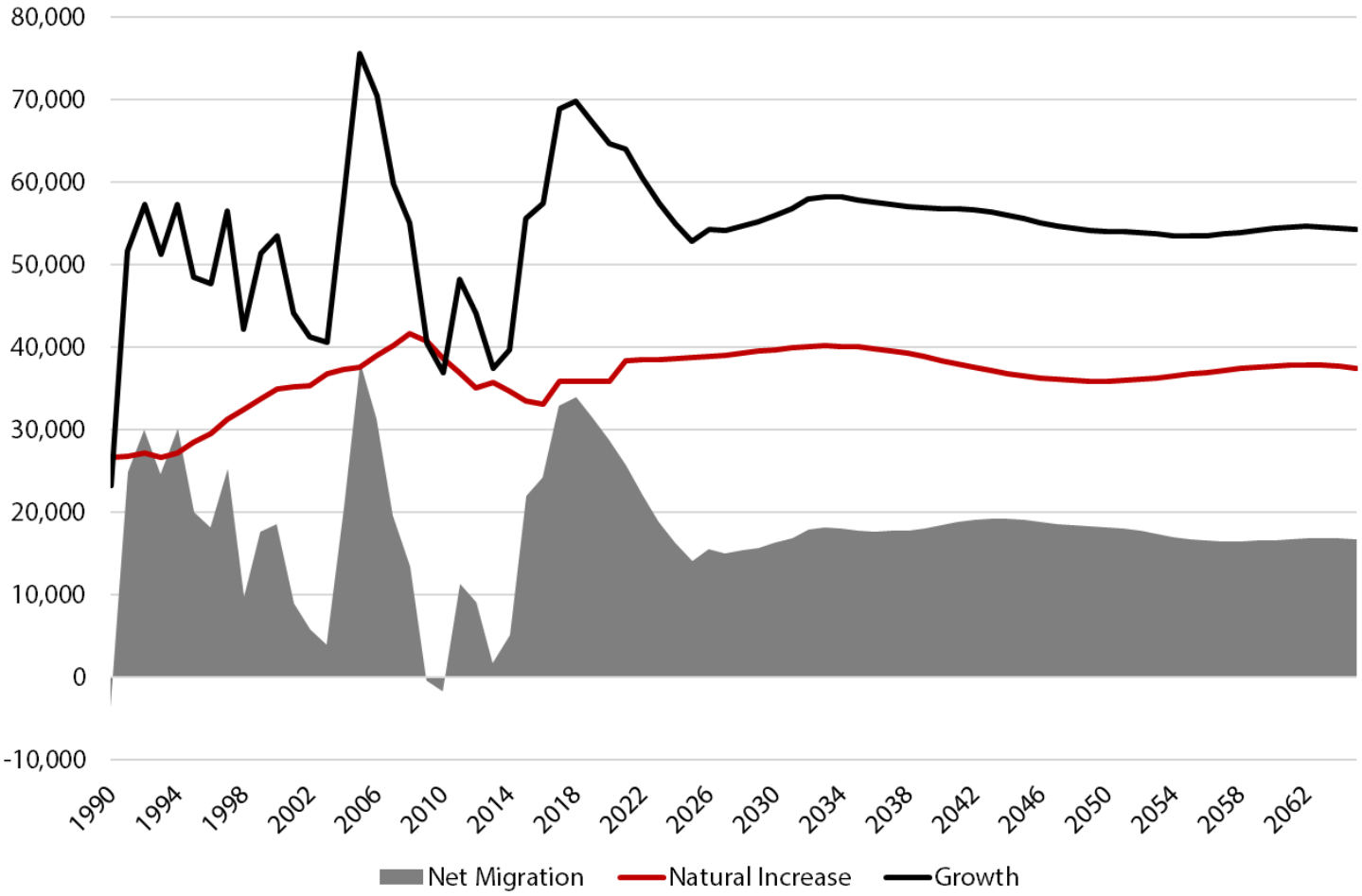
Source: Census Bureau 2014-2060 National Projections; Kem C. Gardner Policy Institute 2015-2065 State and County Projections; Utah Department of Health.

Figure 11
Utah Historical and Projected Life Expectancy
1968-2065



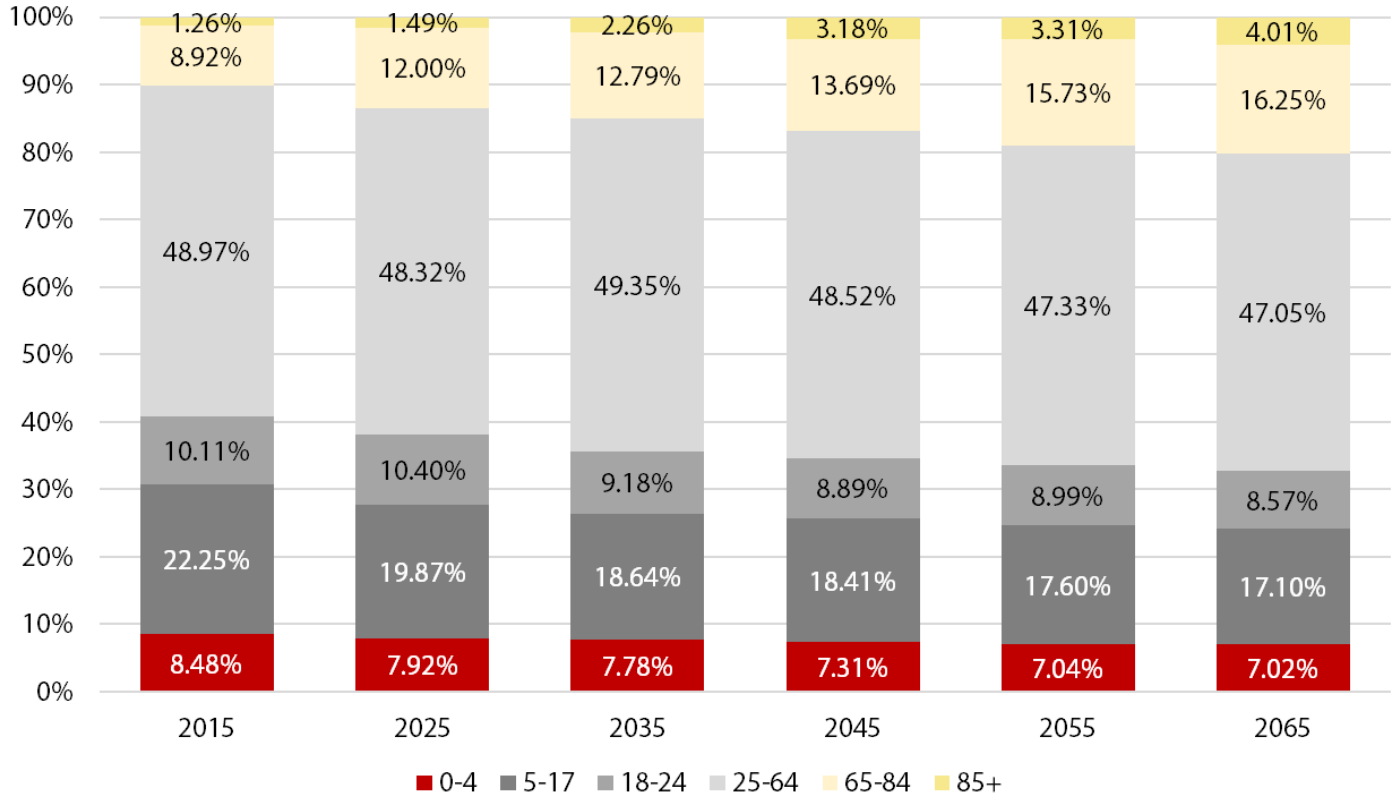
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; Utah Department of Health.

Figure 12
Utah Historical and Projected Components of Change
1990-2065



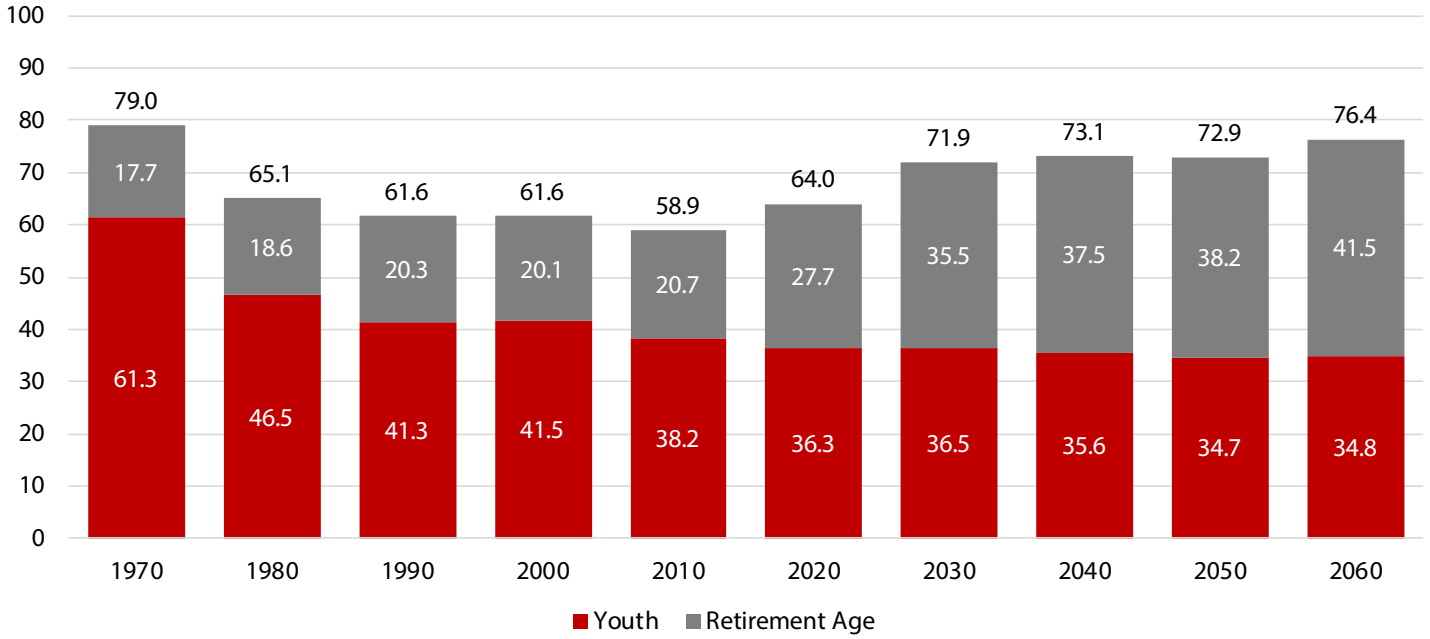
Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; Utah Population Estimates Committee Estimates (1990-2009); DemographyUTAH Population Committee 2010-2016 Population Estimates.

Figure 13
Select Age Groups as a Percent of the Total Utah Population
2015-2065



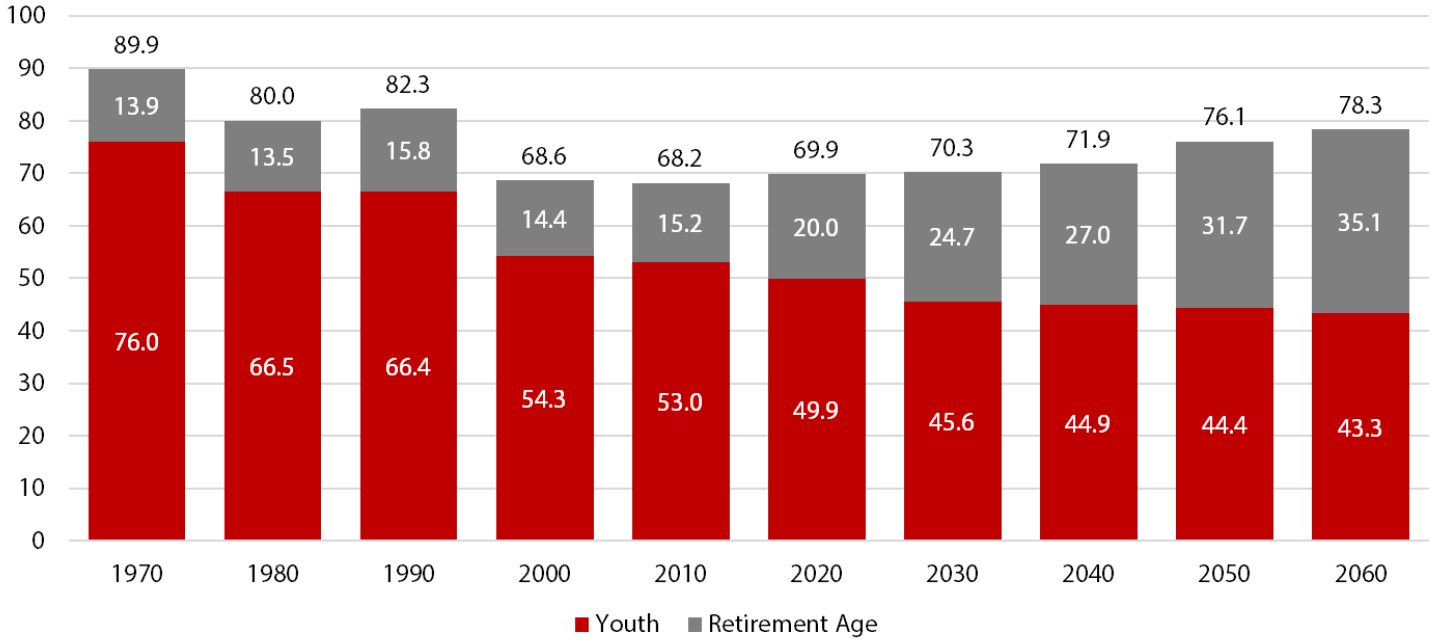
Source: Kem C. Gardner Policy Institute analysis of U.S. Census Bureau Decennial Census and Population Division data; Kem C. Gardner Policy Institute 2015-2065 State and County Projections.

Figure 14
U.S. Dependency Ratios
1970-2060



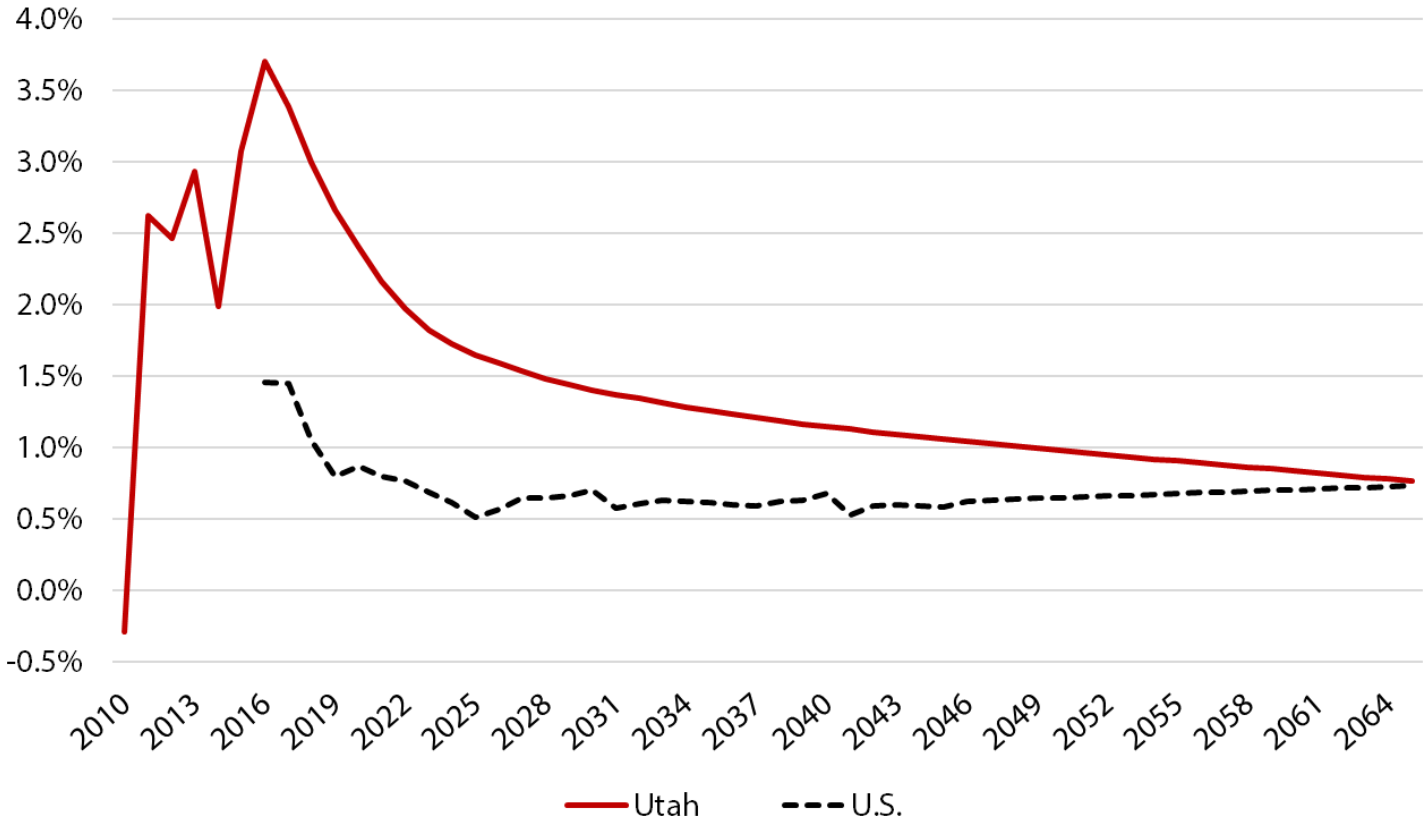
Source: Kem C. Gardner Policy Institute analysis of U.S. Census Bureau Decennial Census and Population Division data.
Note: Dependency Ratios are computed as the number of nonworking age persons per 100 working age (18-64 year old) persons in the population. Youth are less than 18 years old and retirement age is 65 years and older.

Figure 15
Utah Dependency Ratios
1970-2060



Source: Kem C. Gardner Policy Institute analysis of U.S. Census Bureau Decennial Census and Population Division data; Kem C. Gardner Policy Institute 2015-2065 State and County Projections.

Figure 16
Historical and Projected Total Employment Growth
Utah and U.S., 2010-2065



Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; U.S. Bureau of Economic Analysis & U.S. Bureau of Labor Statistics historical employment data.

Kem C. Gardner
POLICY INSTITUTE
THE UNIVERSITY OF UTAH

ADVISORY BOARD

KEM C. GARDNER POLICY INSTITUTE STAFF AND ADVISORS

INFORMED DECISIONS™

Kem C. Gardner Policy Institute | 411 East South Temple Street, Salt Lake City, Utah 84111 | 801-585-5618 | gardner.utah.edu
AN INITIATIVE OF THE DAVID ECCLES SCHOOL OF BUSINESS