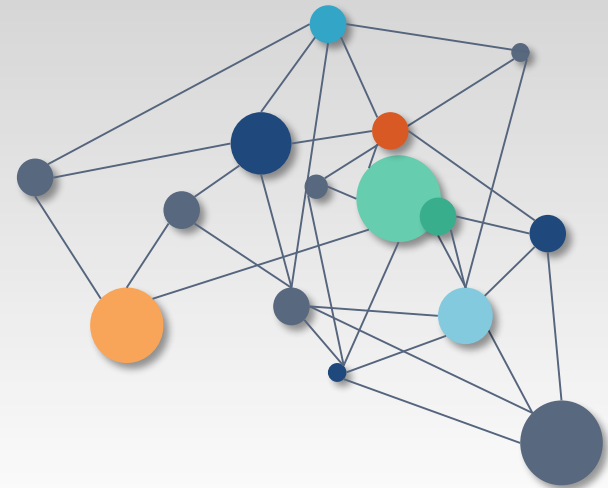


Wyoming Strategic Planning Meeting

May 23, 2019 | Sheridan, WY
Brian Prescott & Dennis Jones



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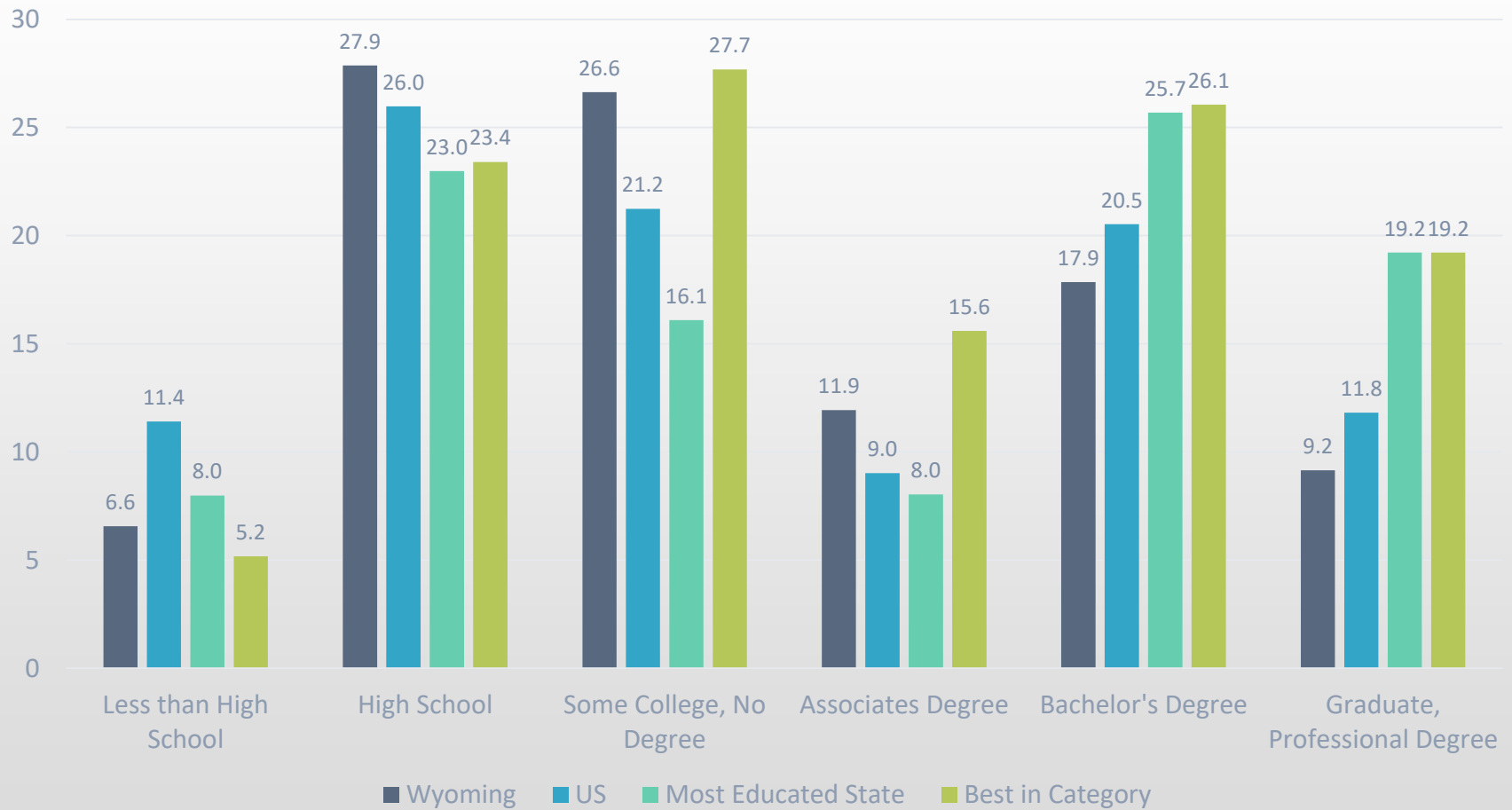
Comparing the United States with Nations and Individual States in the Percentage of Young Adult Degree Attainment (Ages 25-34)

U.S. States	%	OECD Country
	↑	Korea (69.8)
	60	Canada, Japan
Massachusetts	58	
Minnesota	56	Lithuania
New York		
New Jersey	54	Ireland
	52	Australia, United Kingdom
Virginia, Colorado, North Dakota		Luxembourg
New Hampshire, Iowa	50	Switzerland
Pennsylvania, Connecticut, Illinois, Wisconsin, Maryland		
Kansas, Nebraska, Washington	48	Norway, Israel, United States
		Iceland, Sweden, Netherlands, Denmark
Vermont	46	Belgium
Maine, South Dakota, Rhode Island, Oregon, North Carolina, Utah		Slovenia
California, Montana, Missouri	44	France, New Zealand, Poland
		Estonia, Spain, Greece
Ohio, Michigan, Florida, Indiana	42	Latvia
Hawaii		Finland
Tennessee, Delaware, Georgia	40	Austria
Texas		
Arizona, Wyoming , South Carolina	38	
Kentucky		
Alabama, Arkansas, Idaho	36	
Mississippi		Slovak Republic
Oklahoma, Nevada, New Mexico	34	Portugal, Czech Republic
Alaska		
West Virginia, Louisiana	32	Turkey
		Germany
	30	Hungary, Chile*
	28	
		Italy
	26	
	24	
		Mexico
	22	

Source: 2018 OECD Education at a Glance (for year 2017). *most recent data for Chile from 2015; 2017 American Community Survey



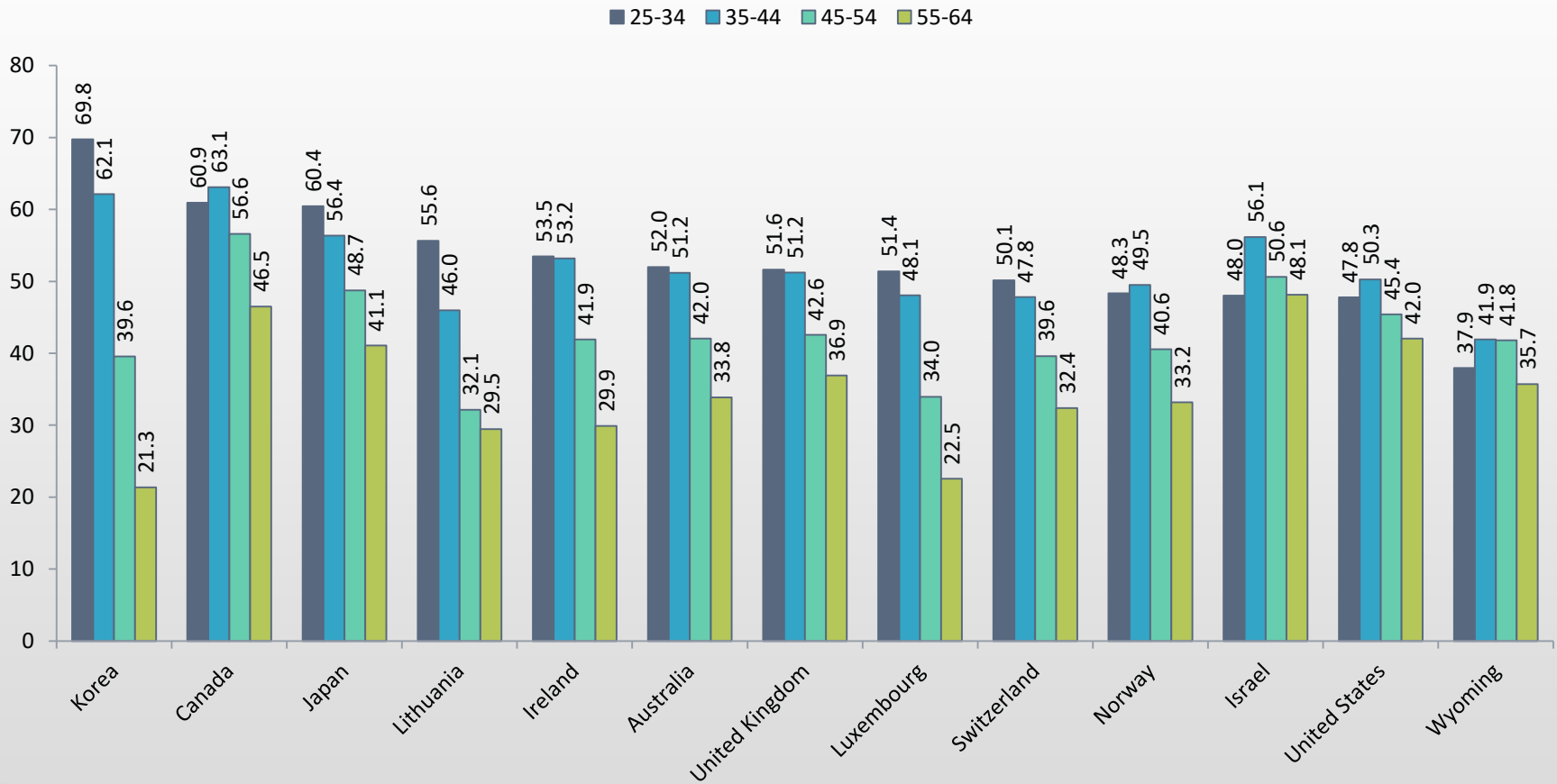
Educational Attainment of Working Aged Adults Aged 25 to 64 – Wyoming, the US, and the Most Educated State (2017)



Source: U.S. Census Bureau, 2017 American Community Survey; Table B15001



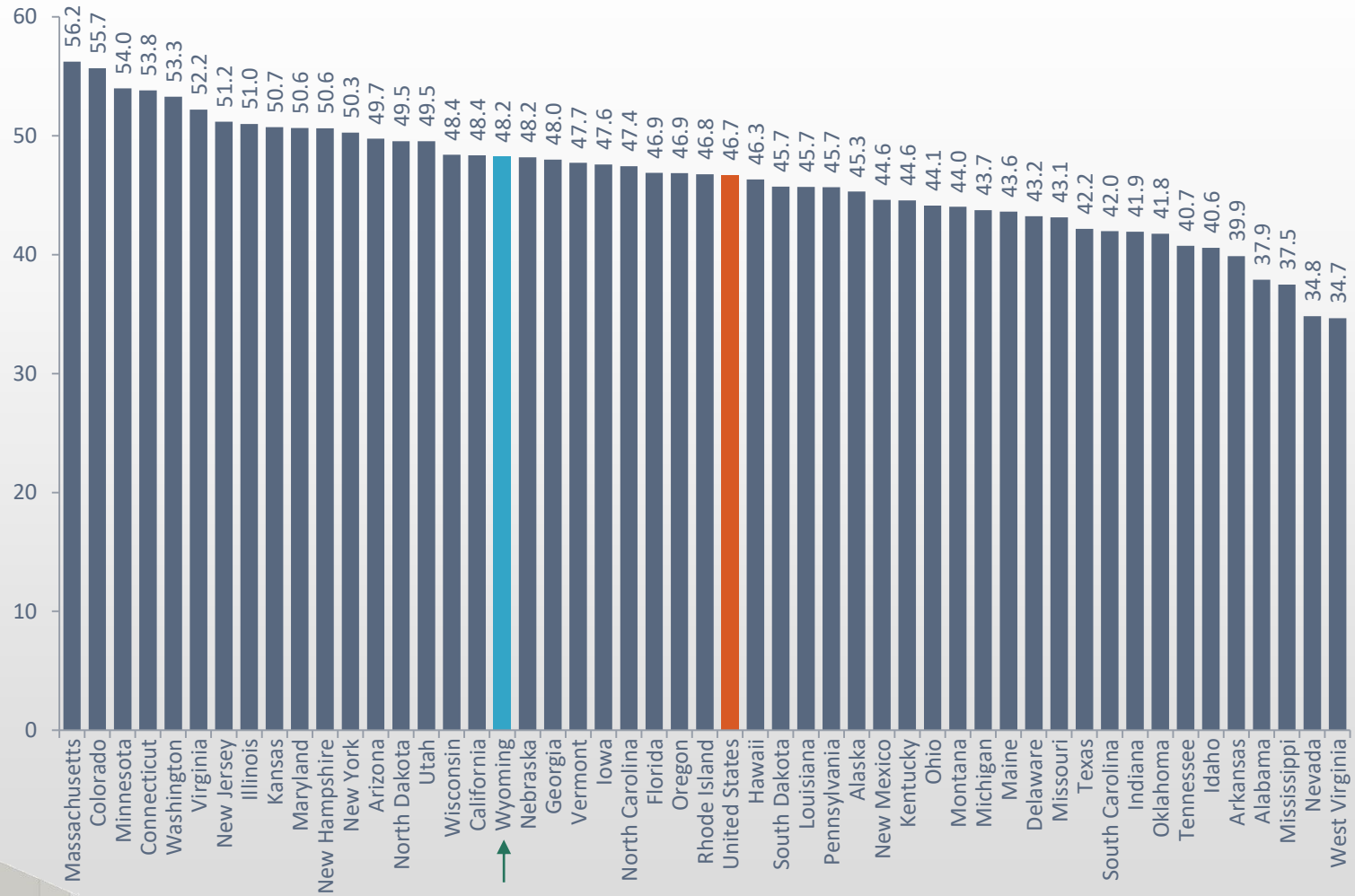
Percent of Adults with an Associate Degree or Higher by Age Group – U.S. & Leading OECD Countries, 2017



Source: 2018 OECD Education at a Glance, (for 2017); Source: U.S. Census Bureau



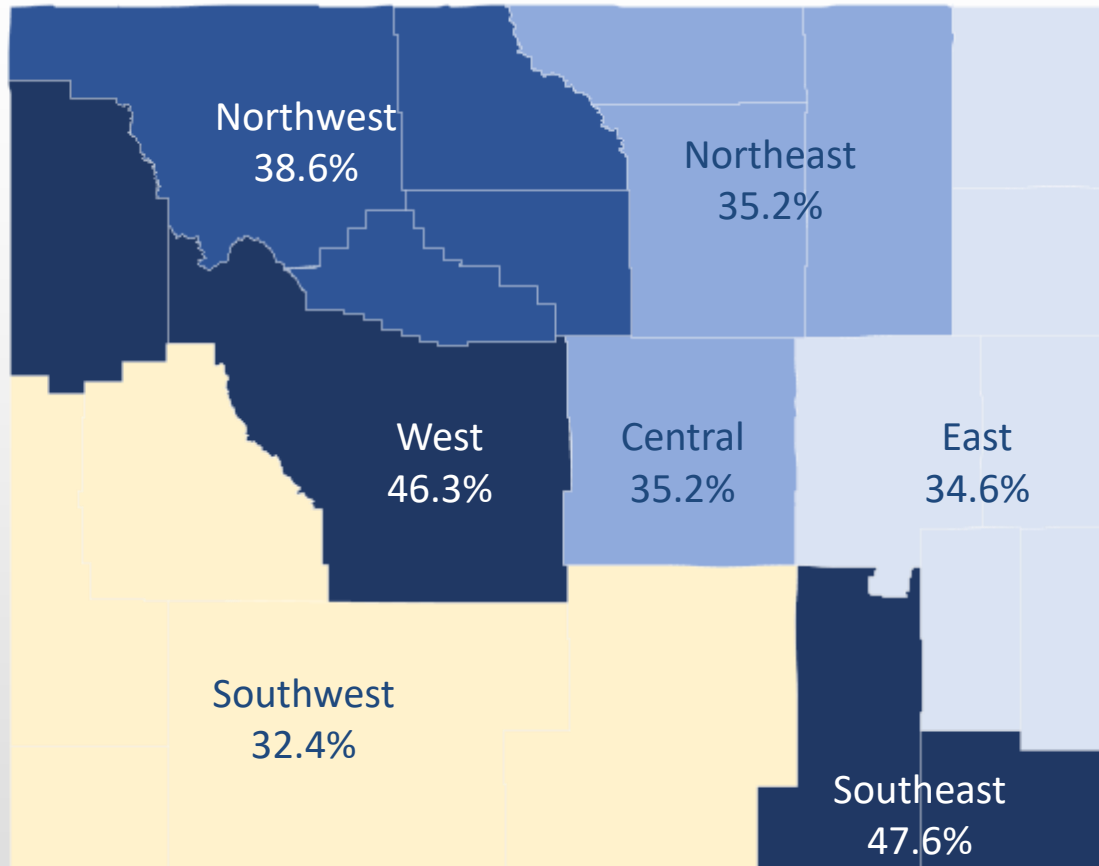
Percent of Residents Ages 25-64 With A High-Quality Certificate or Higher



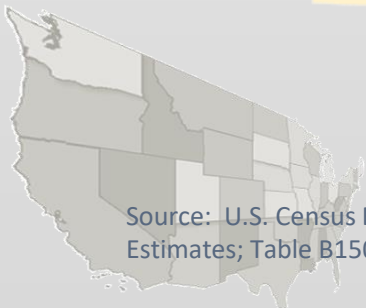
Certificate-holder data is the best available estimate based on Georgetown CEW updated calculations using SIPP 2008 Wave 12 data (2012) and IPEDS (2014). Found in Stronger Nation 2016 report; Data for percent of residents with an associates and higher from U.S. Census Bureau, 2016 American Community Survey; Table B15001



Adults Aged 25-64 with an Associates Degree or Higher



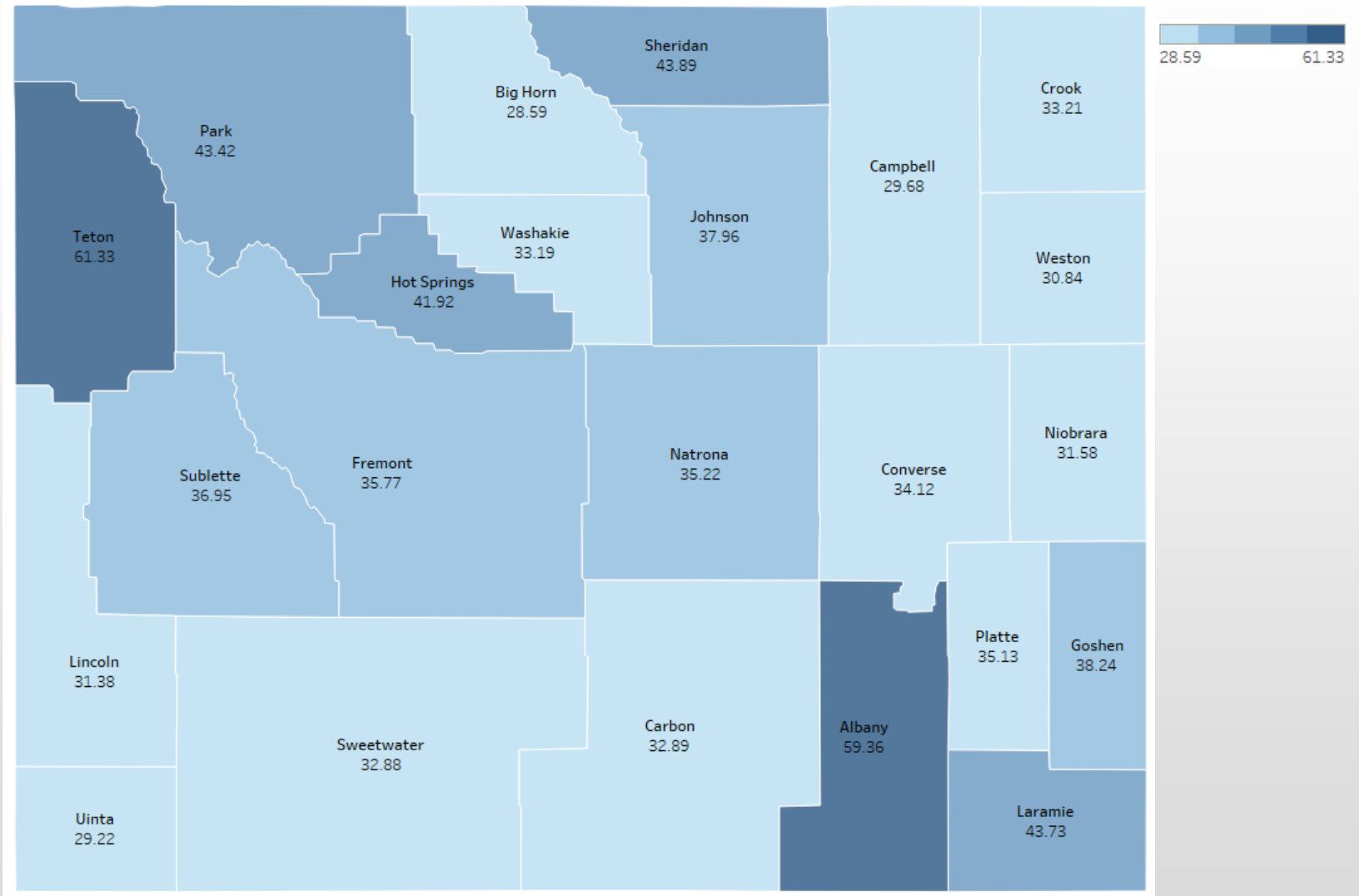
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Source: U.S. Census Bureau, 2013-17 American Community Survey Five-Year Estimates; Table B15001.



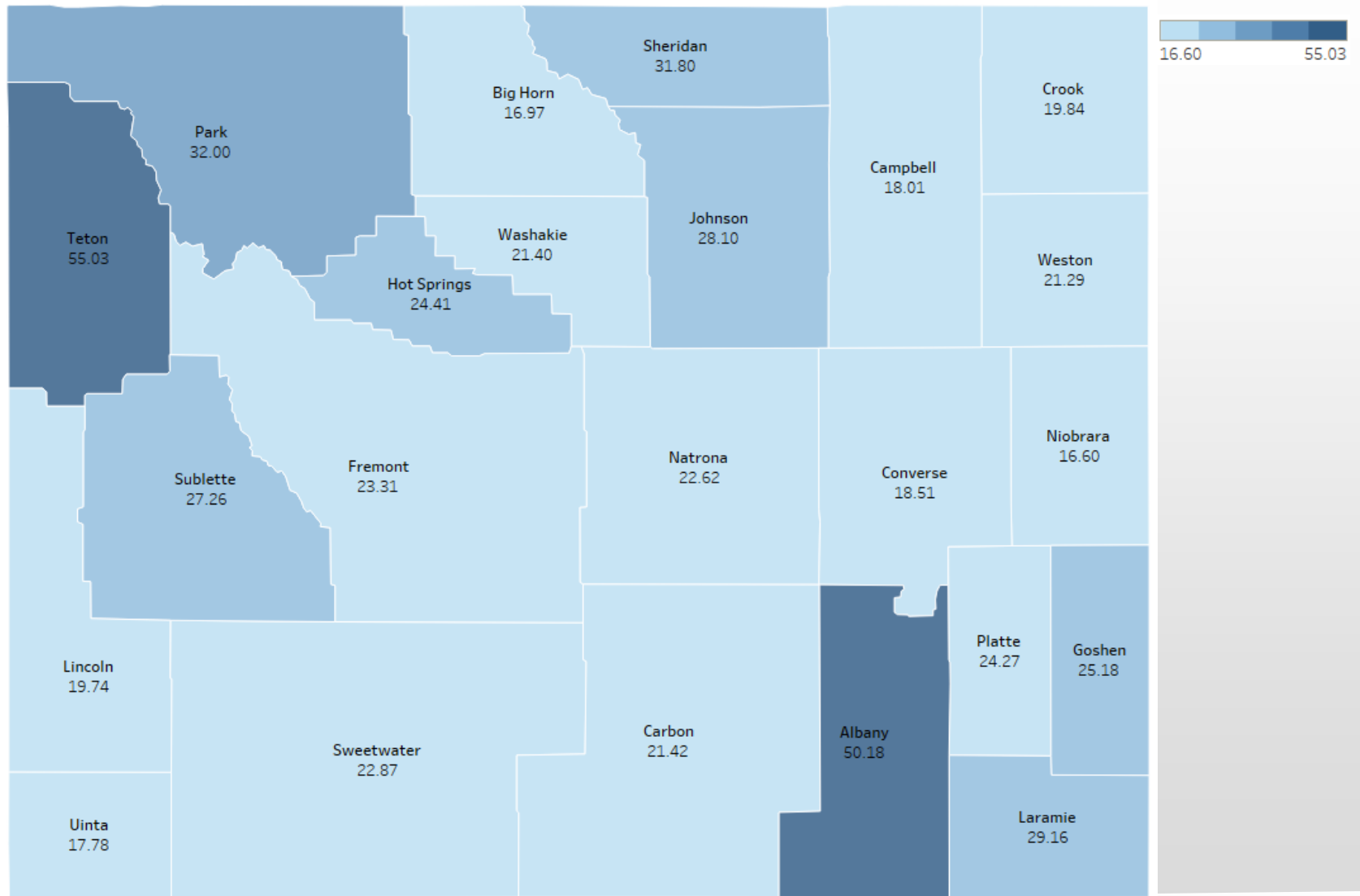
Percent of Adults Aged 25-64 with an Associates or Higher by County, 2013-17



Source: U.S. Census Bureau, 2013-17 American Community Survey Five-Year Estimates; Table B15001.



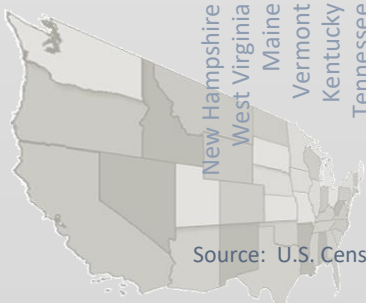
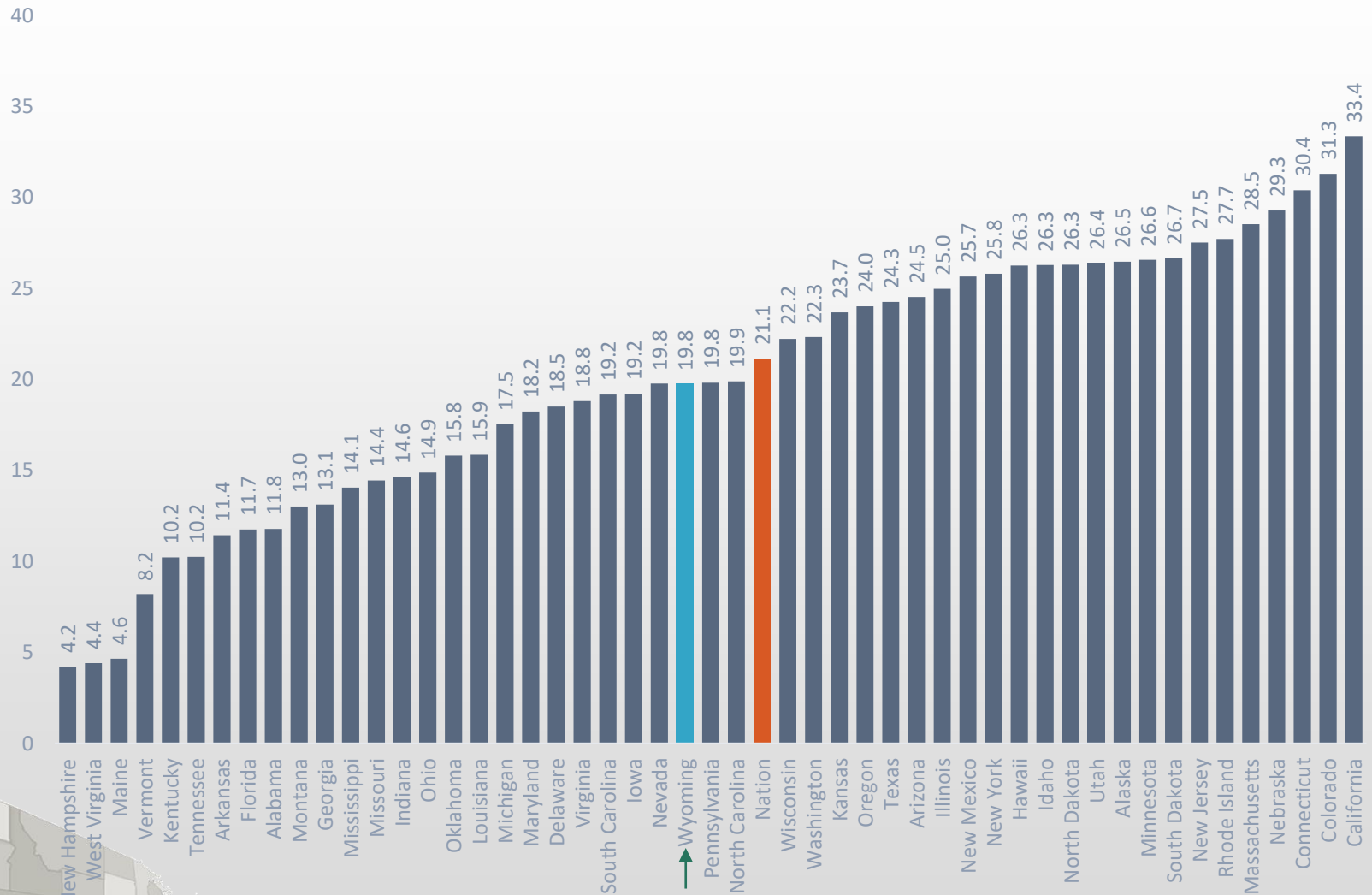
Percent of Adults Aged 25-64 with a Bachelors or Higher by County, 2013-17



Source: U.S. Census Bureau, 2013-17 American Community Survey Five-Year Estimates; Table B15001.



Difference in College Attainment Between Whites and Underrepresented Minorities, Ages 25-64, 2016

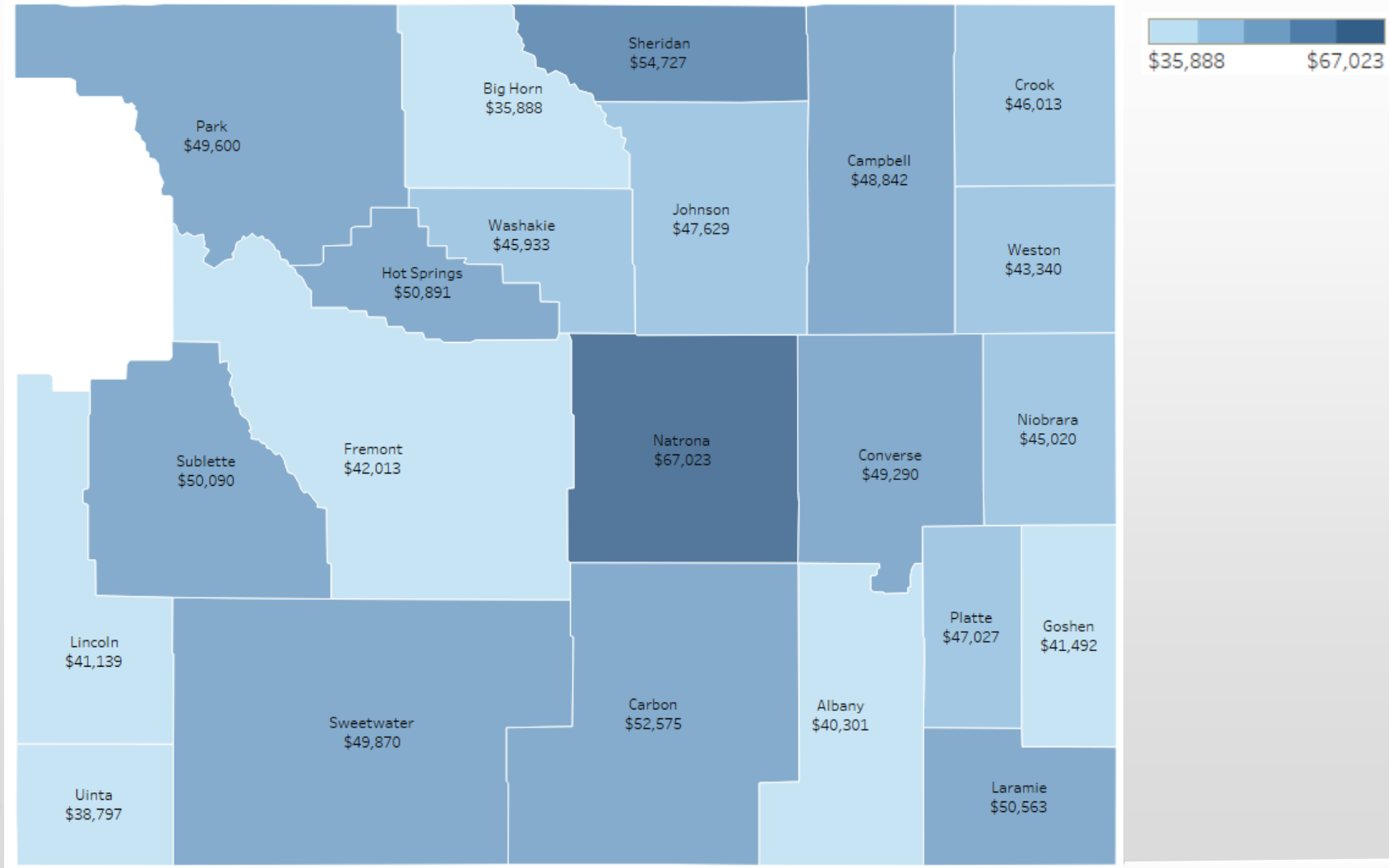


Source: U.S. Census Bureau, 2016 American Community Survey One-Year Public Use Microdata Sample.

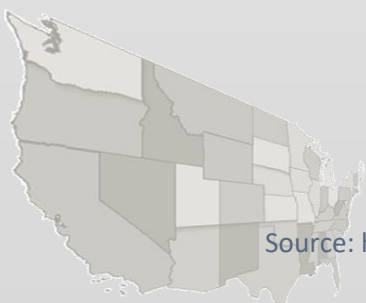
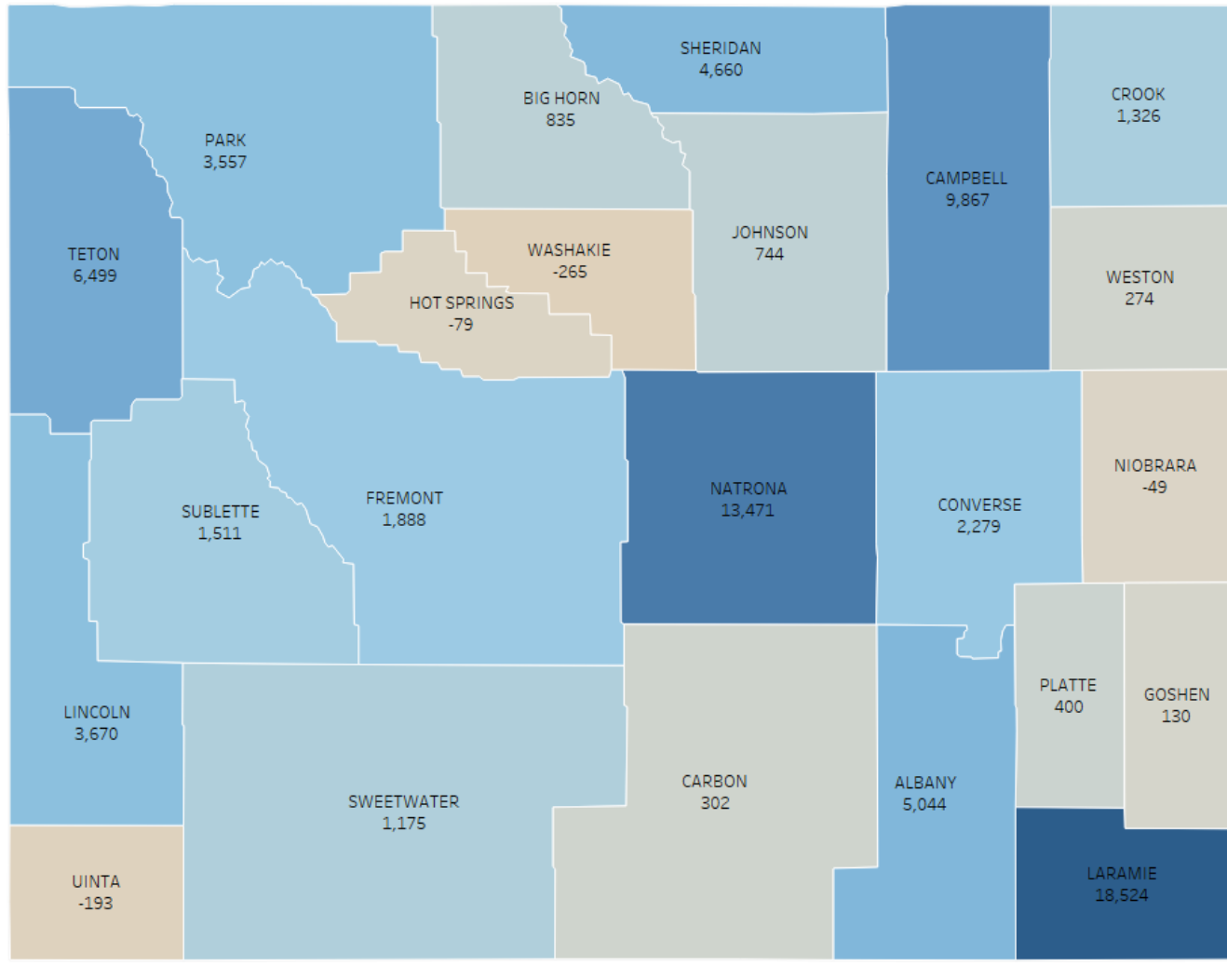


Per Capita Income by County, 2017

(Teton County excluded)



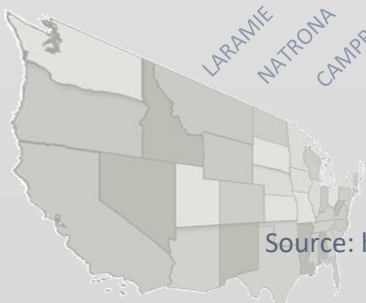
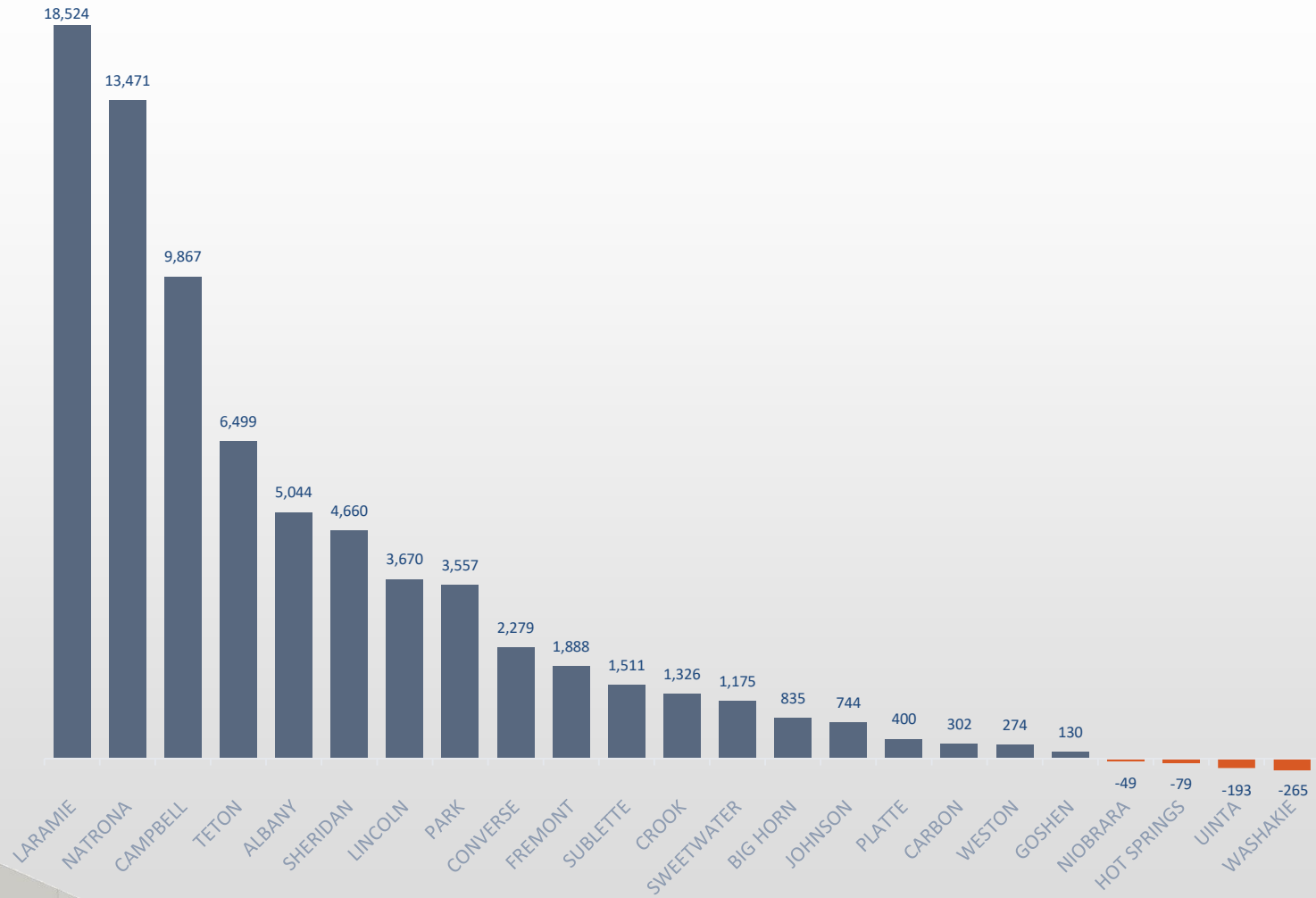
Wyoming Projected Change in Population, 2016-2040



Source: <http://eativ.state.wy.us/pop/>



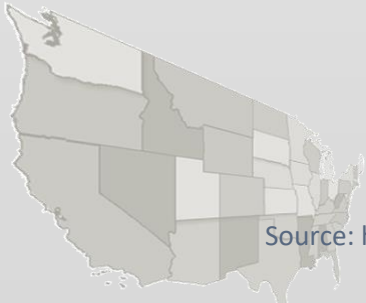
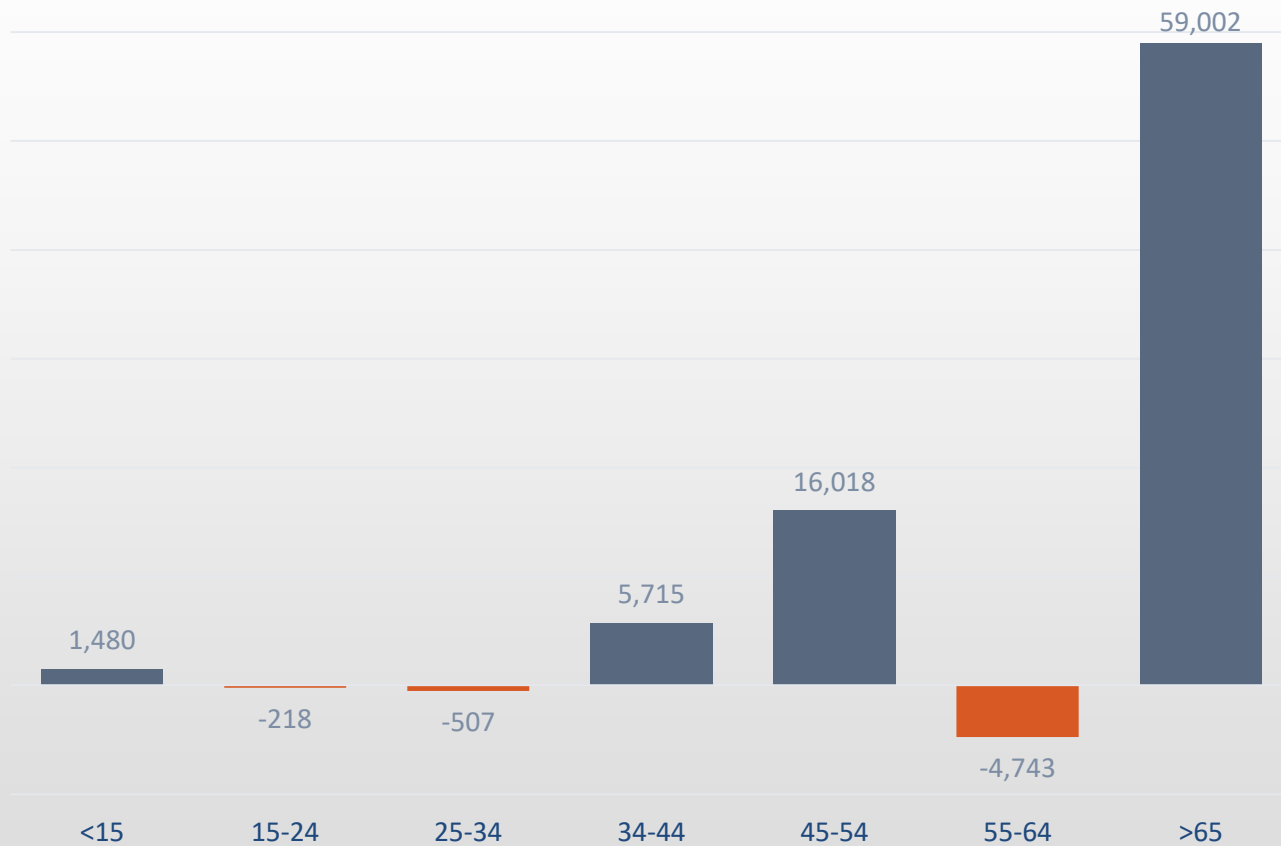
Wyoming Change in Population by County, 2016-2040



Source: <http://eativ.state.wy.us/pop/>



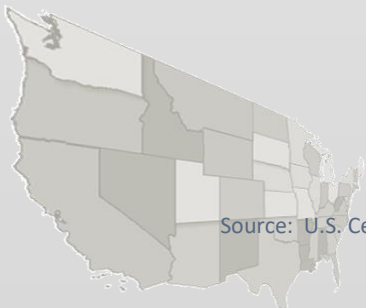
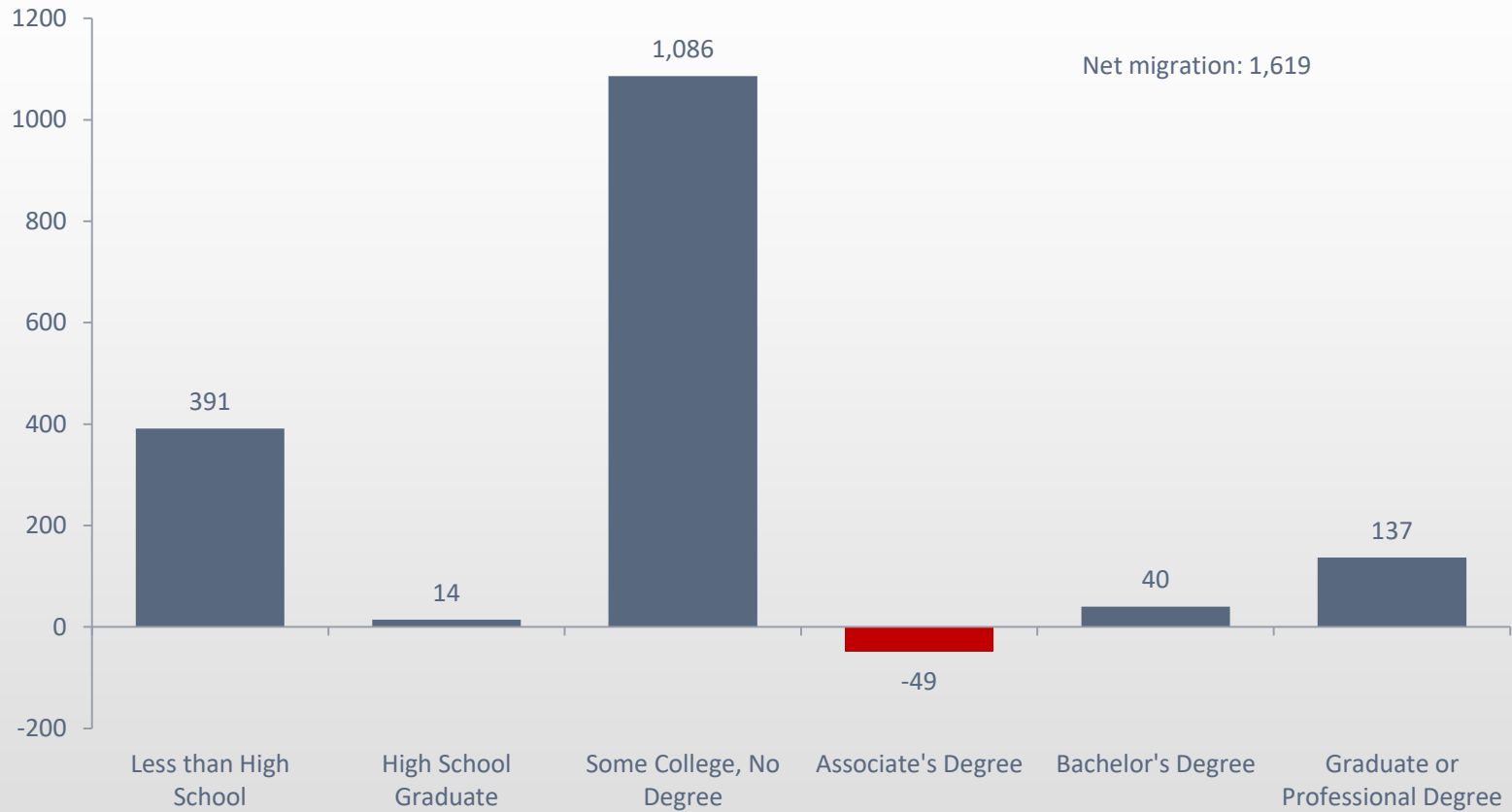
Wyoming Change in Population by Age Group, 2016-2040



Source: <http://eativ.state.wy.us/pop/>



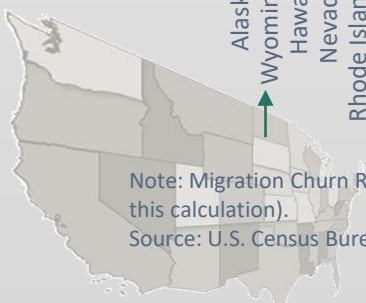
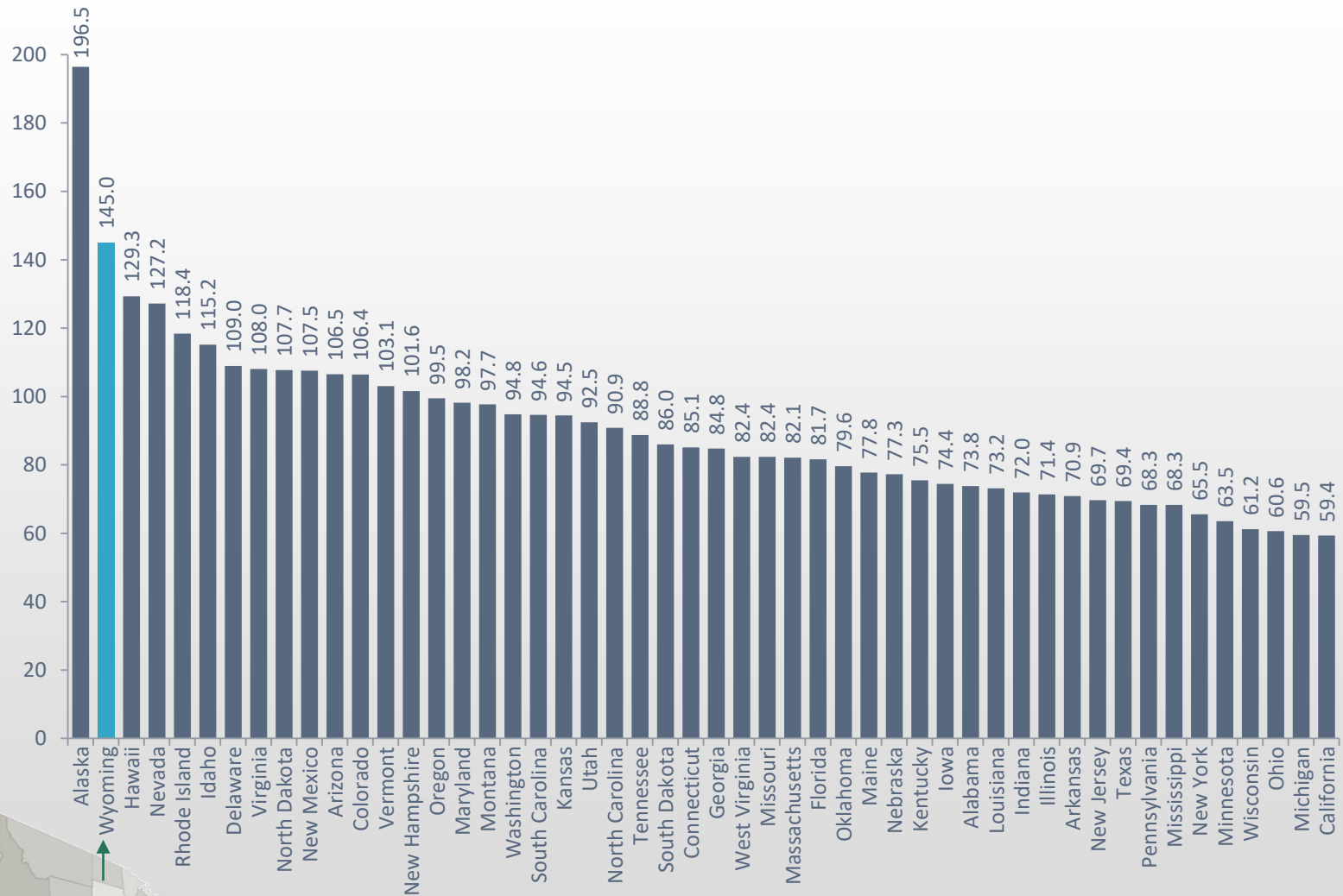
Average Annual Net Migration of 22 to 64 Year Olds by Education Level, Wyoming, 2012-16



Source: U.S. Census Bureau, 2012-16 American Community Survey (ACS) Five-Year Public Use Microdata Sample.



Migration Churn Rate Estimate 22-64 (Per 1,000 Population), Associates Degree & Above

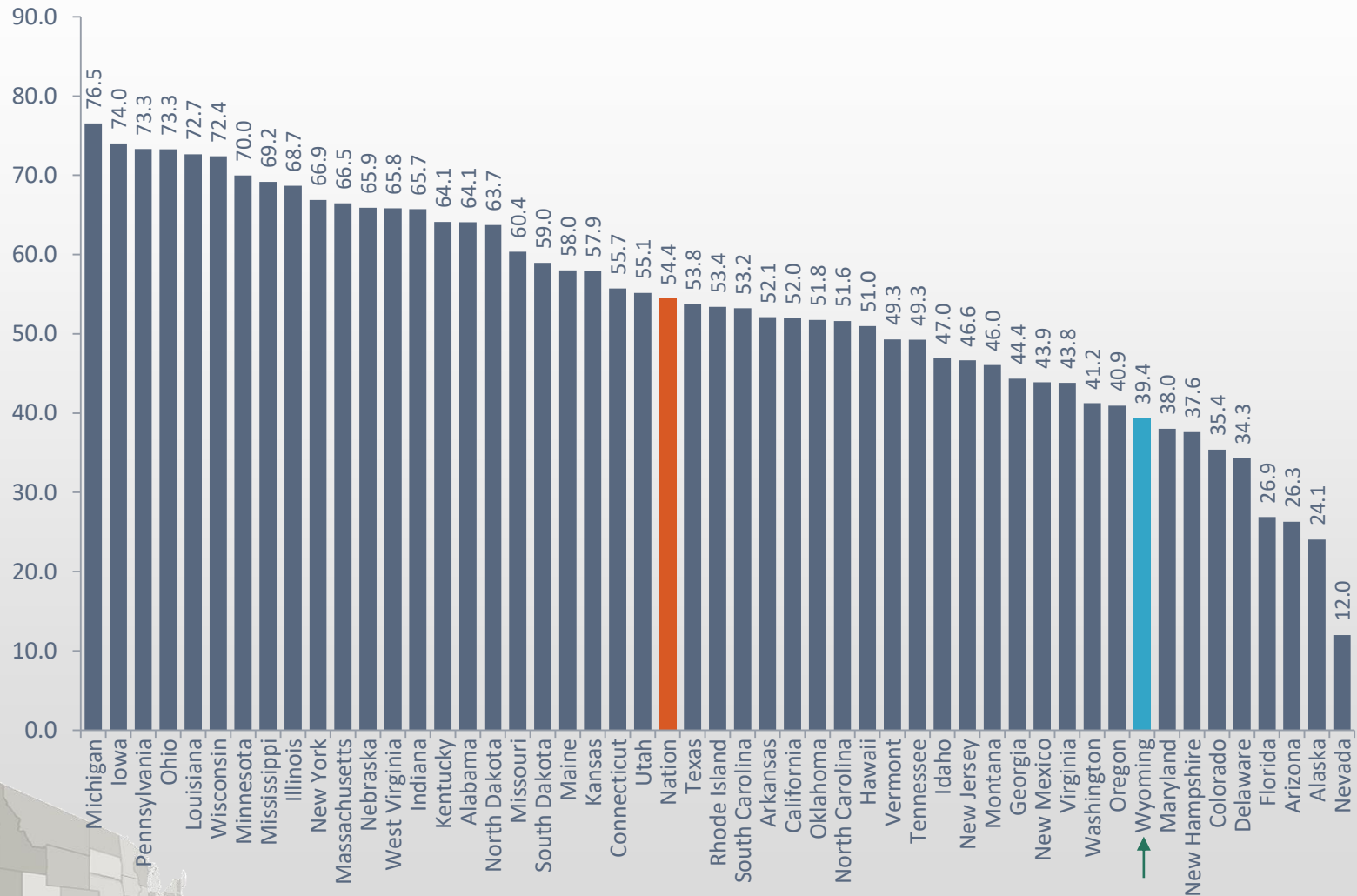


Note: Migration Churn Rate is the sum of in-migrants and out-migrants relative to 1,000 state population (population base excludes in-migrants for this calculation).

Source: U.S. Census Bureau, 2012-16 American Community Survey (ACS) Five-Year Public Use Microdata Sample.



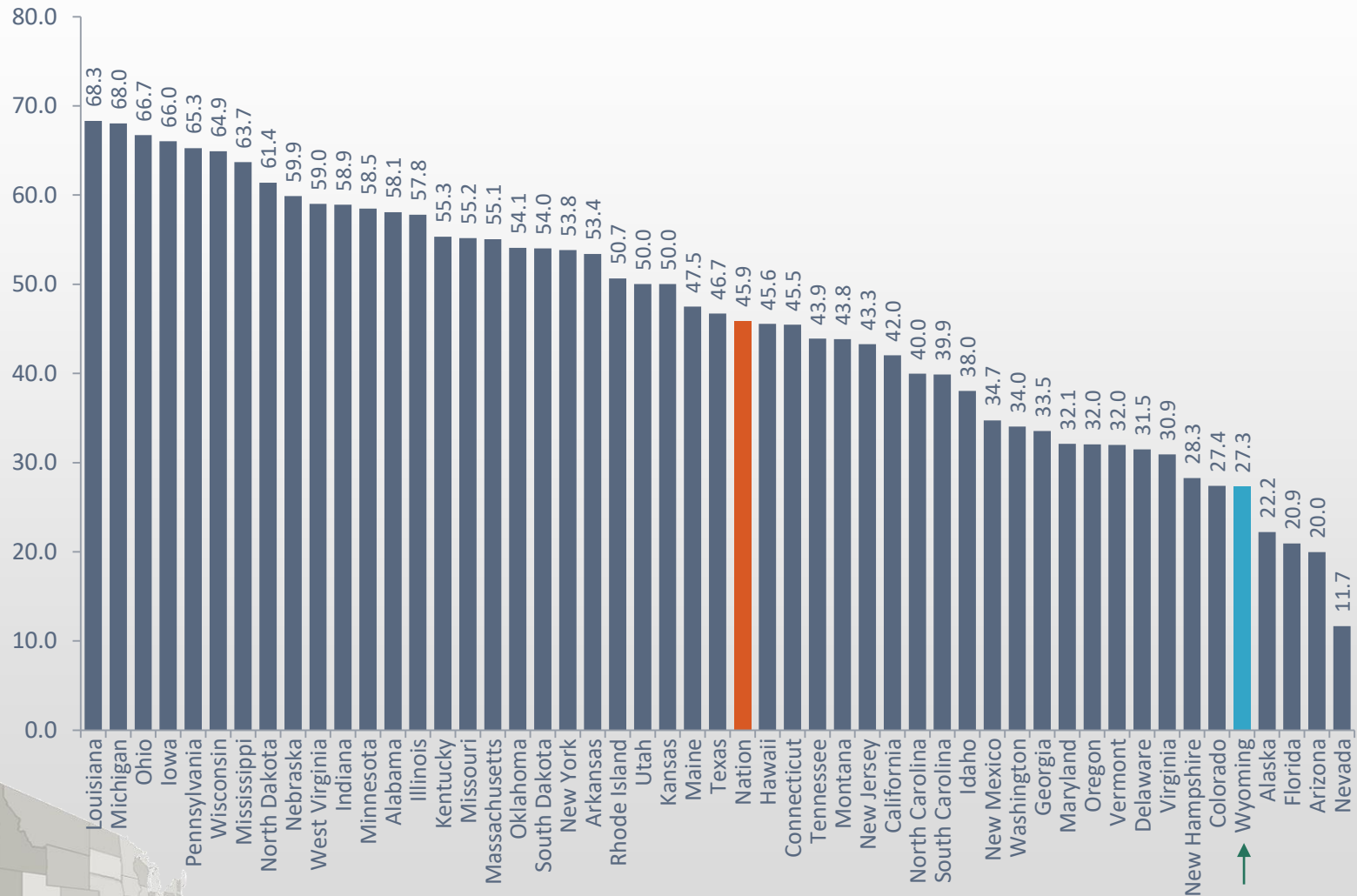
Percent of Population with an Associates Degree Who Were Born In-State, 2016



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



Percent of Population with a Bachelor's Degree Who Were Born In-State, 2016

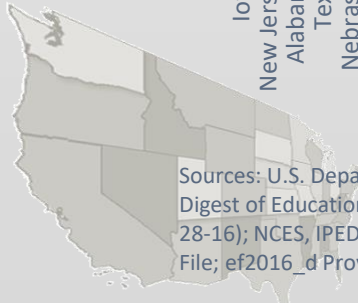
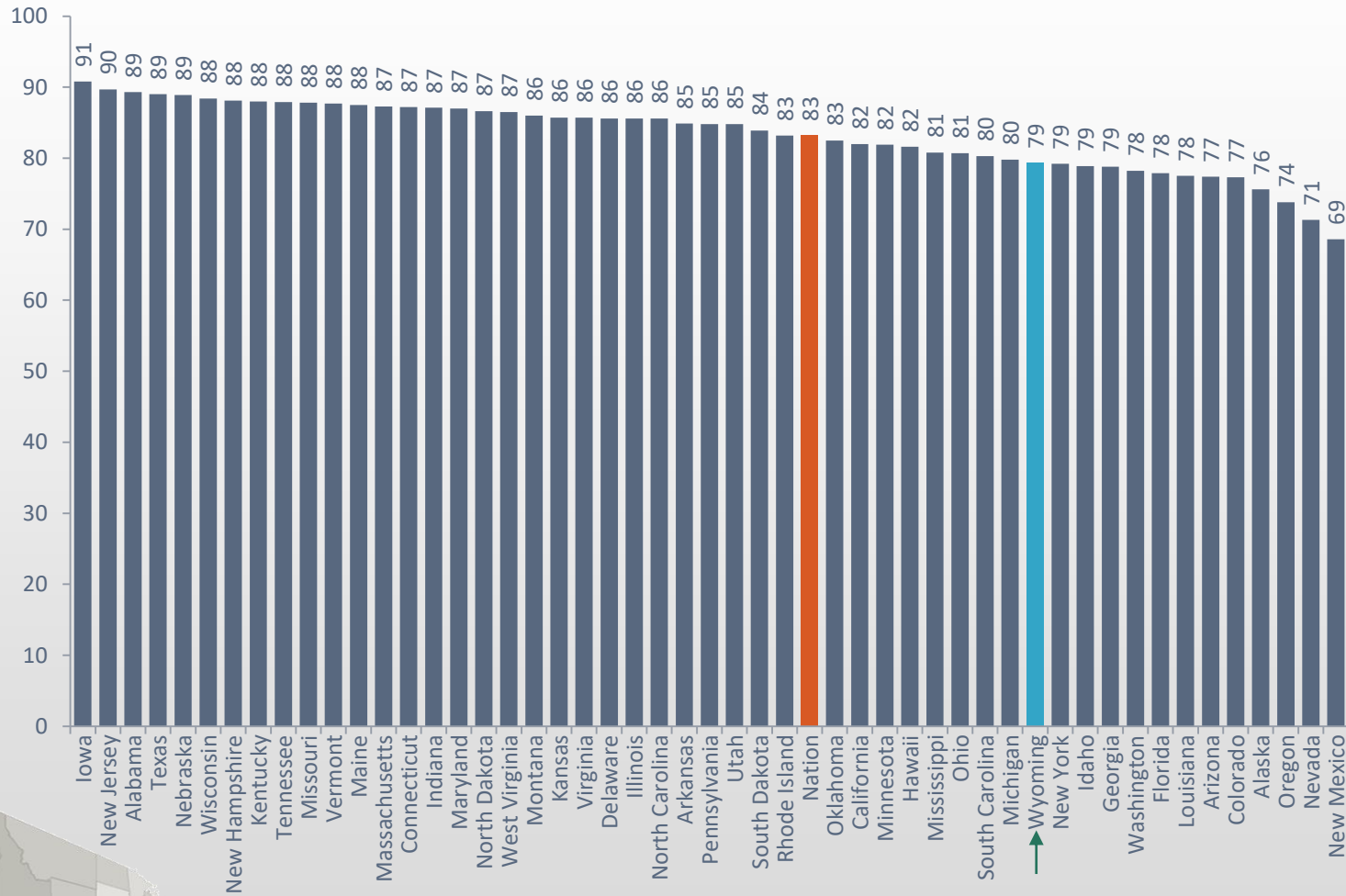


Source: U.S. Census Bureau, 2016 American Community Survey One-Year Public Use Microdata Sample.



Student Pipeline, 2016

For every 100 9th graders, how many graduate from high school?

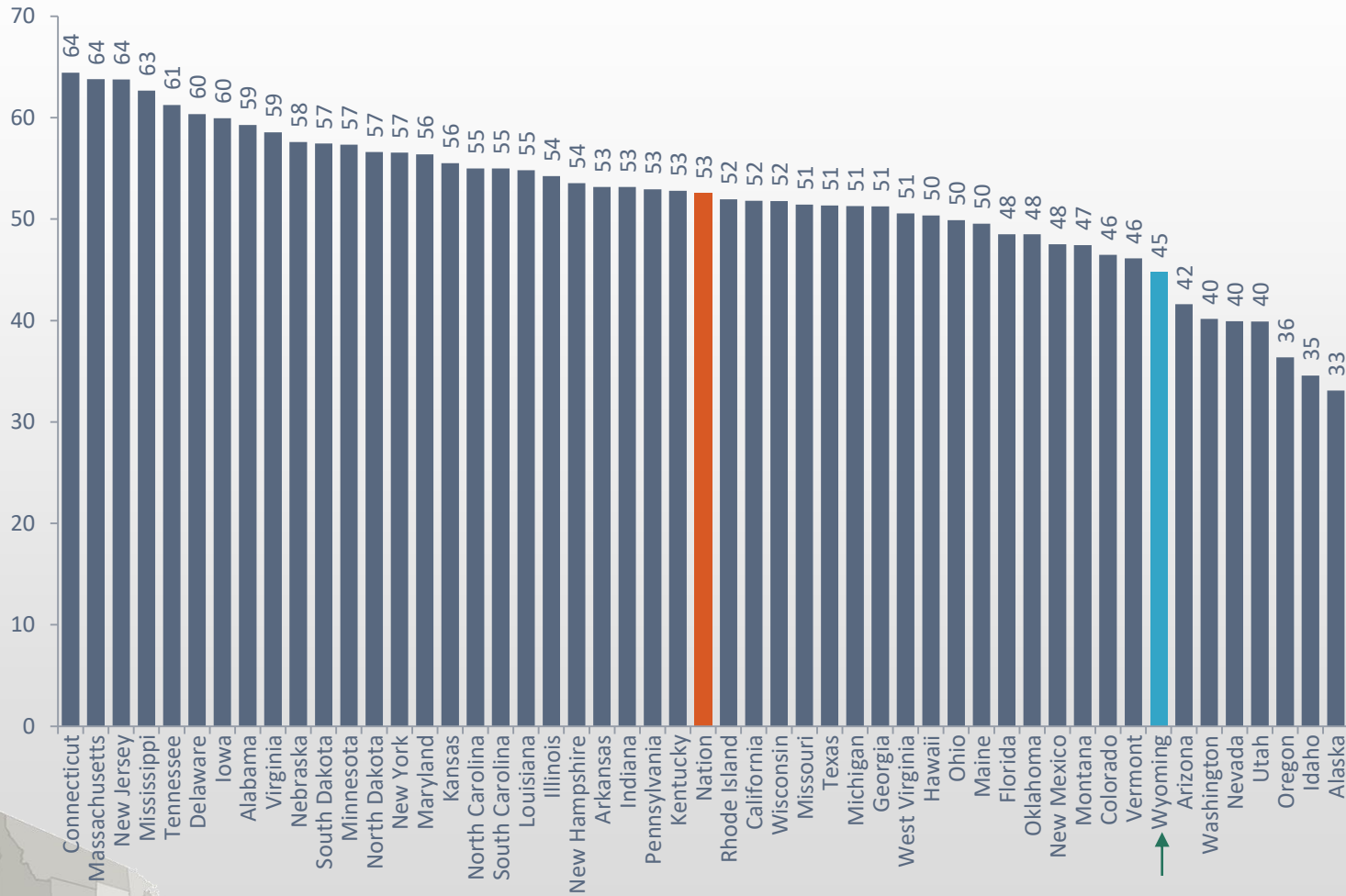


Sources: U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2014–15. See Digest of Education Statistics 2016, table 219.46; WICHE, Knocking at the College Door: Projections of High School Graduates, 2016 (Extraction 12-28-16); NCES, IPEDS Fall 2016 Residence & Migration Enrollment File; ef2016_c Provisional Release Data File. NCES, IPEDS Fall 2016 Retention Rate File; ef2016_d Provisional Release Data File. NCES, IPEDS 2015-16 Graduation Rate File; gr2016 Provisional Release Data File.



Student Pipeline, 2016

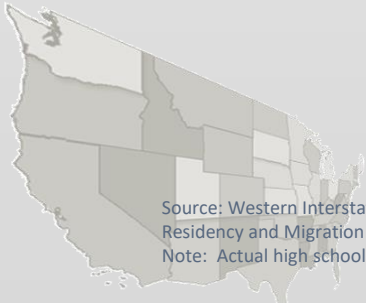
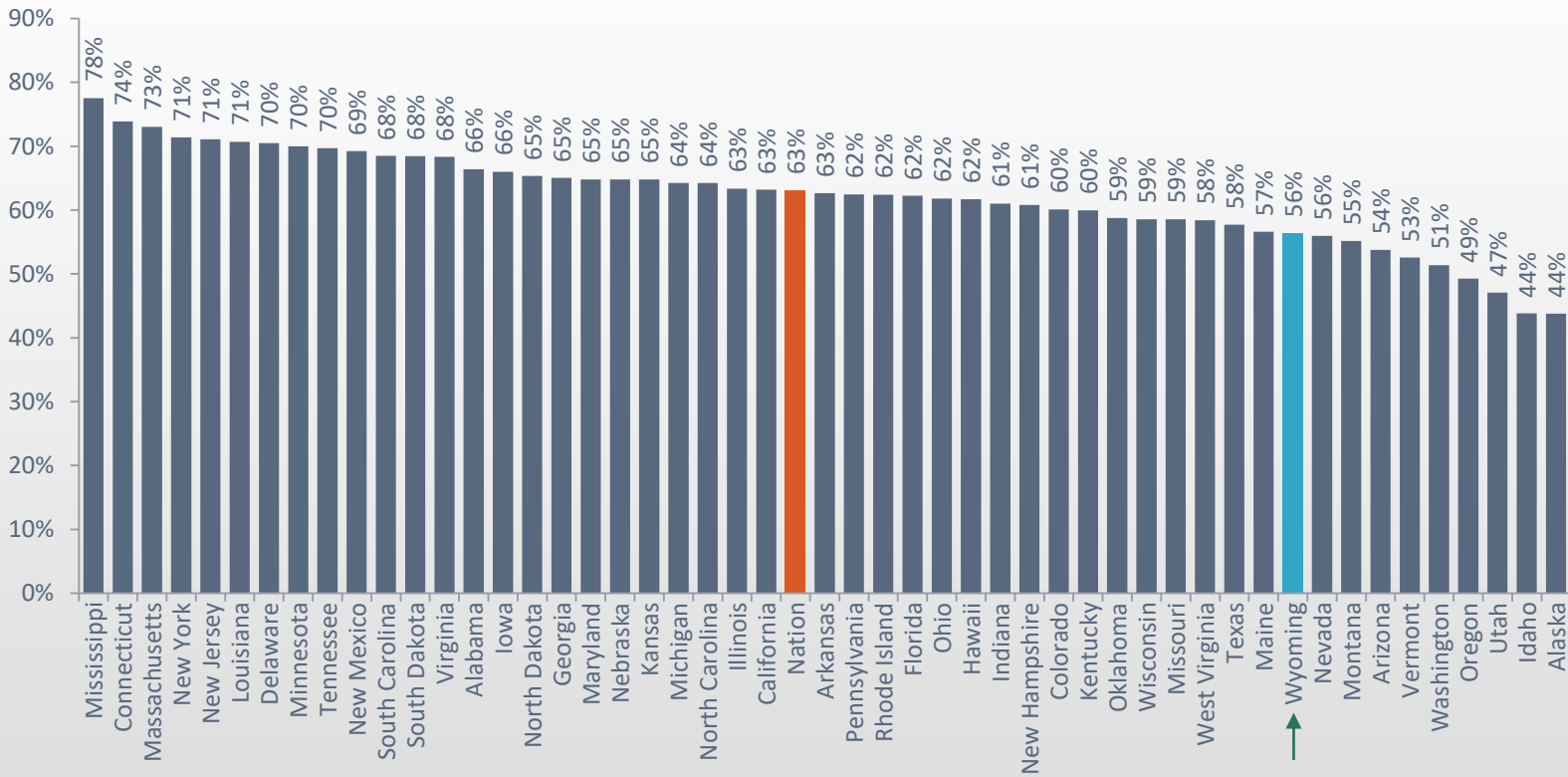
For every 100 9th graders, how many enter college?



Sources: U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2014–15. See Digest of Education Statistics 2016, table 219.46; WICHE, Knocking at the College Door: Projections of High School Graduates, 2016 (Extraction 12-28-16); NCES, IPEDS Fall 2016 Residence & Migration Enrollment File; ef2016_c Provisional Release Data File. NCES, IPEDS Fall 2016 Retention Rate File; ef2016_d Provisional Release Data File. NCES, IPEDS 2015-16 Graduation Rate File; gr2016 Provisional Release Data File.



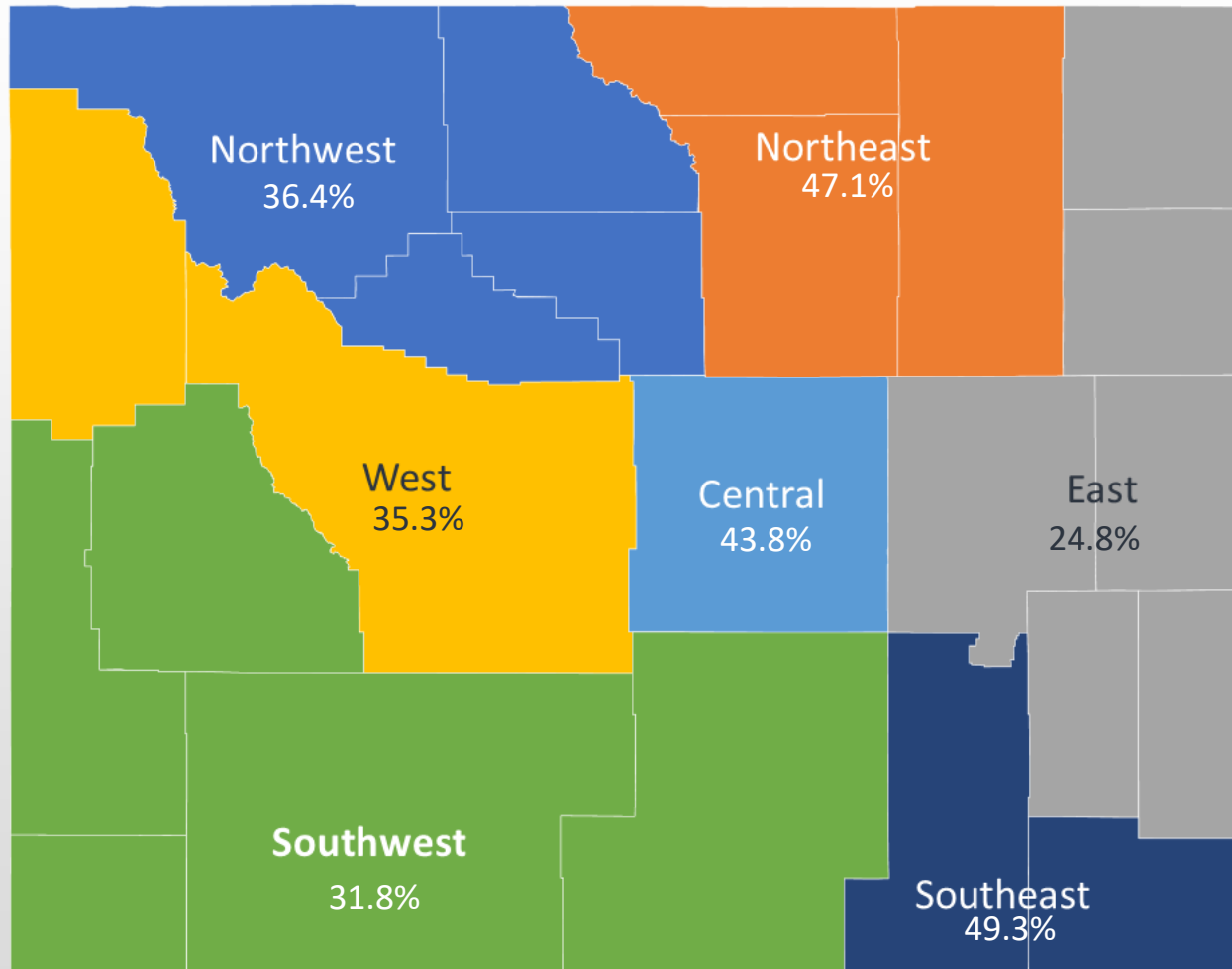
Percent of High School Graduates Directly Out of High School Going Directly to College, 2016



Source: Western Interstate Commission for Higher Education, Knocking at the College Door: Projections of High School Graduates, 2016; NCES, IPEDS Fall 2016 Residency and Migration File; ef2016c Provisional Release Data File.
 Note: Actual high school graduate numbers for 2016 not available from NCES Common Core of Data. WICHE High School Graduate Projections for 2016 substituted.

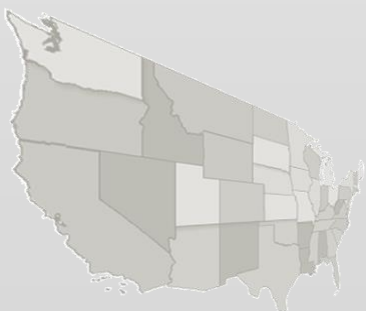


First Time Freshmen, Directly out of High School



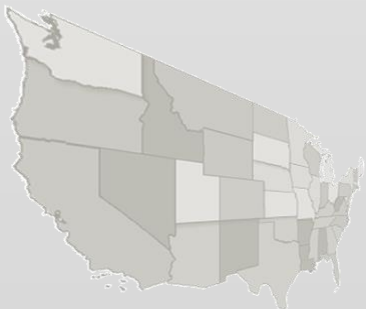
Enrollment of First Time Freshmen, Directly Out of High School, by Region 2017-18

Region	# Enrolled UW	#Enrolled CC	Total	% Enrolled UW	% Enrolled CC
Central	84	237	321	26%	74%
East	77	58	135	57%	43%
Northeast	127	298	425	30%	70%
Northwest	78	135	213	37%	63%
Southeast	244	300	544	45%	55%
Southwest	120	277	397	30%	70%
West	67	116	183	37%	63%
Total	805	1,421	2,226	36%	64%



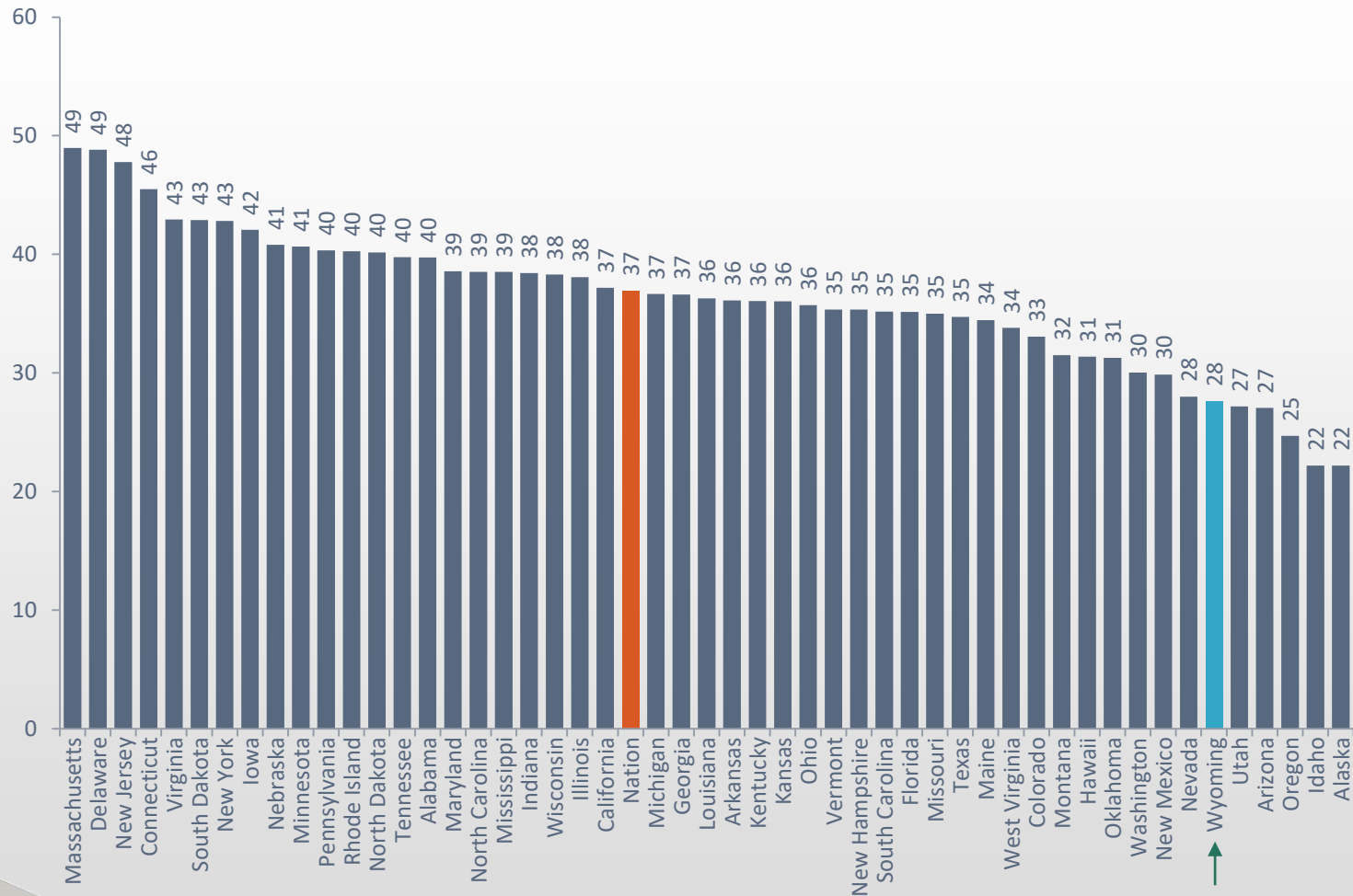
Total Enrollment by Region, 2017-18

Region	# Enrolled UW	#Enrolled CC	Total	% Enrolled UW	% Enrolled CC
Central	707	2,588	3,295	21%	79%
East	477	1,681	2,158	22%	78%
Northeast	788	3,238	4,026	20%	80%
Northwest	516	1,524	2,040	25%	75%
Southeast	1949	3,264	5,213	37%	63%
Southwest	863	3,227	4,090	21%	79%
West	495	1,607	2,102	24%	76%
Unknown	566	264	830	68%	32%
Total	6,361	17,393	23,754	27%	73%



Student Pipeline, 2016

For every 100 9th graders, how many are still enrolled sophomore year?

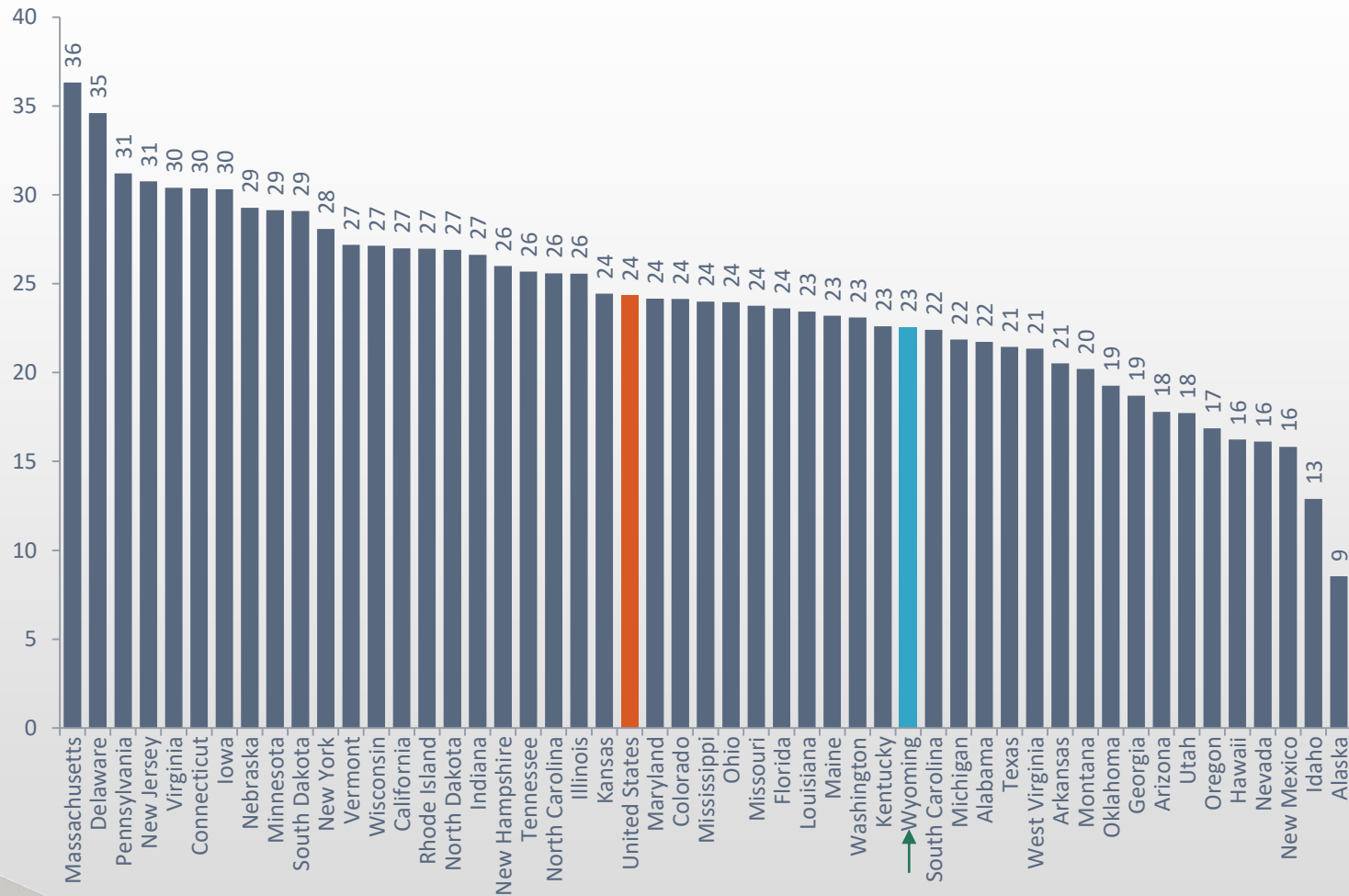


Sources: U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2014–15. See Digest of Education Statistics 2016, table 219.46; WICHE, Knocking at the College Door: Projections of High School Graduates, 2016 (Extraction 12-28-16); NCES, IPEDS Fall 2016 Residence & Migration Enrollment File; ef2016_c Provisional Release Data File. NCES, IPEDS Fall 2016 Retention Rate File; ef2016_d Provisional Release Data File. NCES, IPEDS 2015-16 Graduation Rate File; gr2016 Provisional Release Data File.



Student Pipeline, 2016

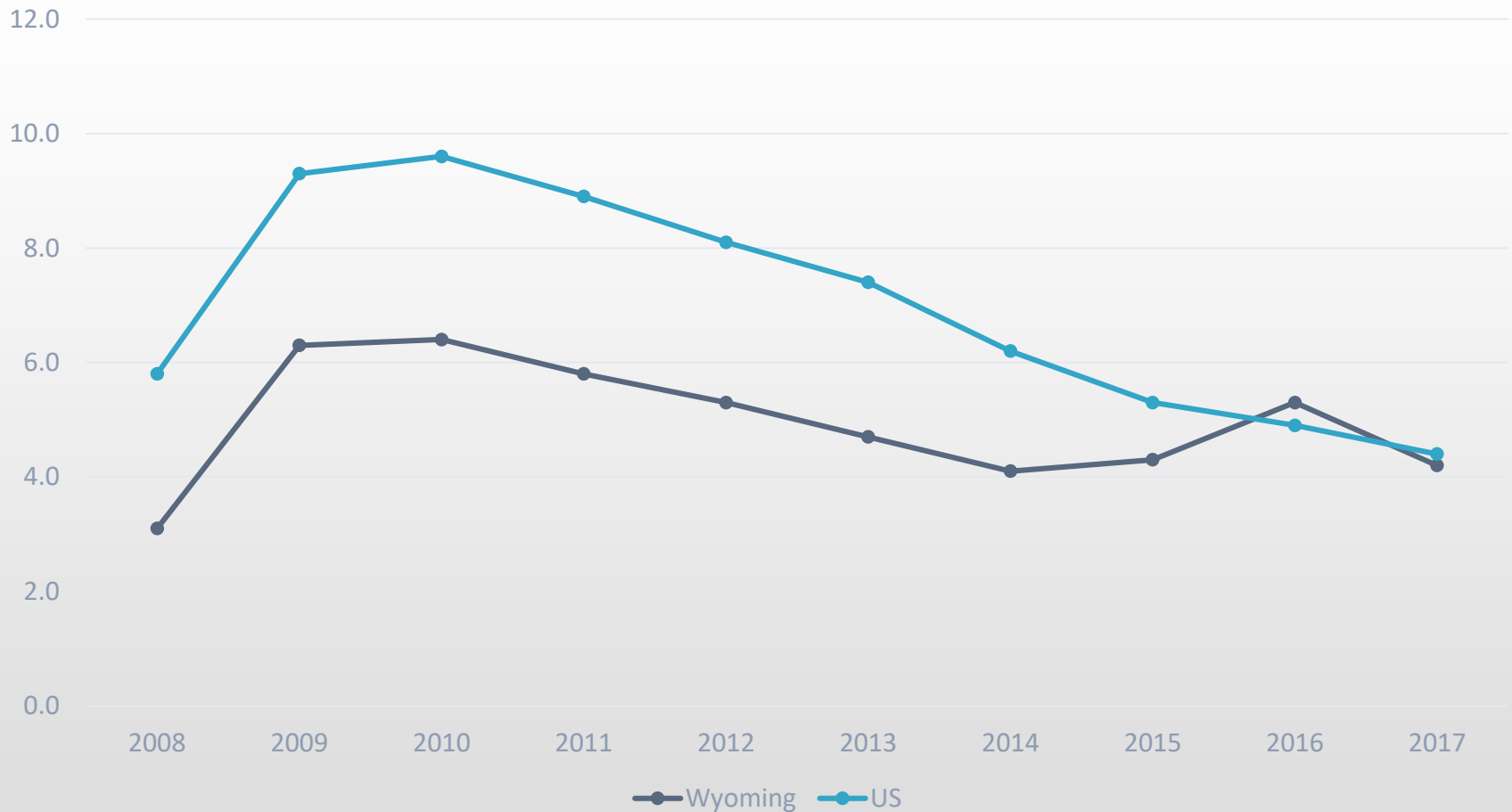
For every 100 9th graders, how many graduate within 150% of program time?



Sources: U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2014–15. See Digest of Education Statistics 2016, table 219.46; WICHE, Knocking at the College Door: Projections of High School Graduates, 2016 (Extraction 12-28-16); NCES, IPEDS Fall 2016 Residence & Migration Enrollment File; ef2016_c Provisional Release Data File. NCES, IPEDS Fall 2016 Retention Rate File; ef2016_d Provisional Release Data File. NCES, IPEDS 2015-16 Graduation Rate File; gr2016 Provisional Release Data File.



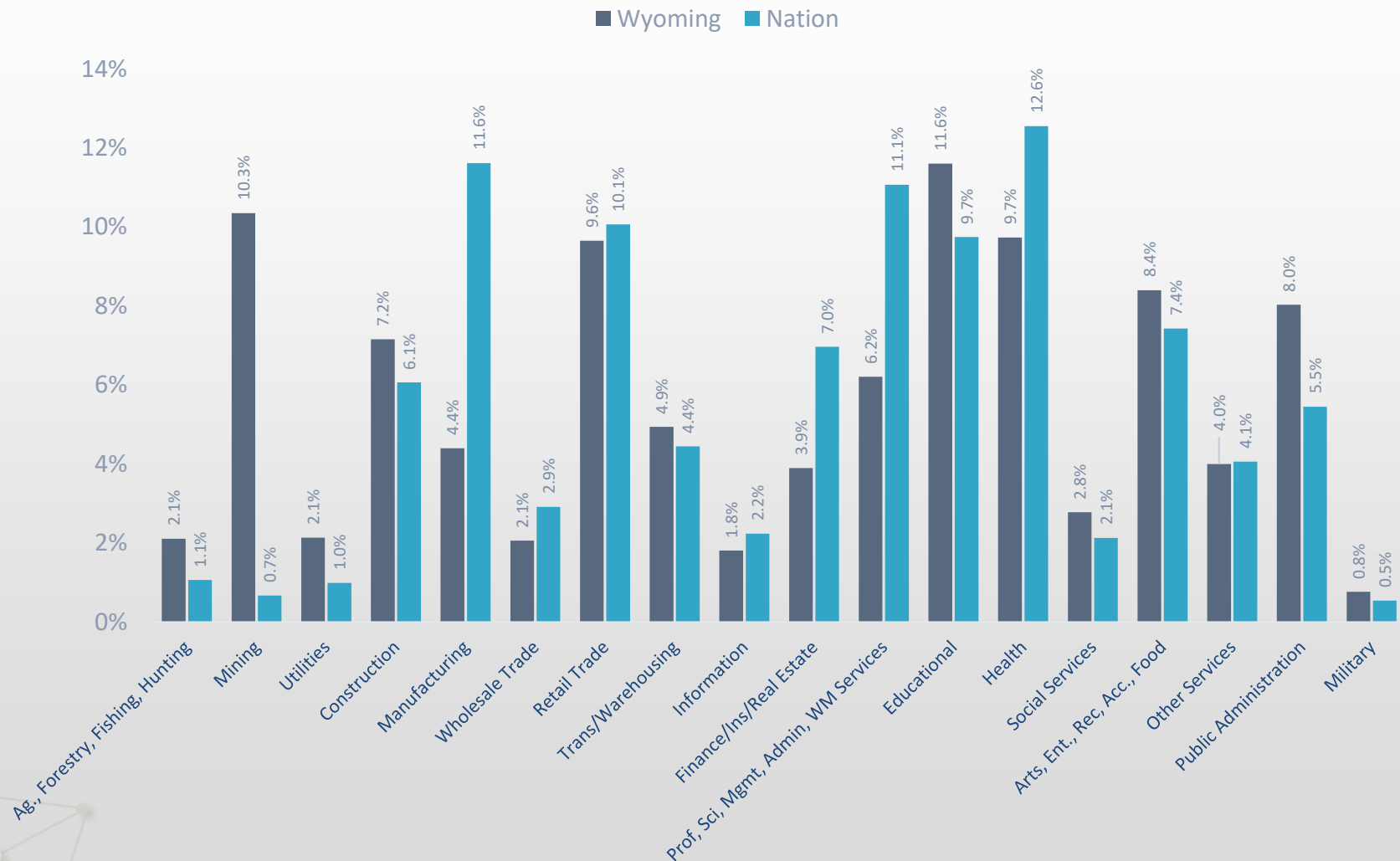
Wyoming and National Unemployment Rates, 2008-2017



Source: Bureau of Labor Statistics
Note: Not Seasonally Adjusted



Average Annual Employment by Industry, 2012-16

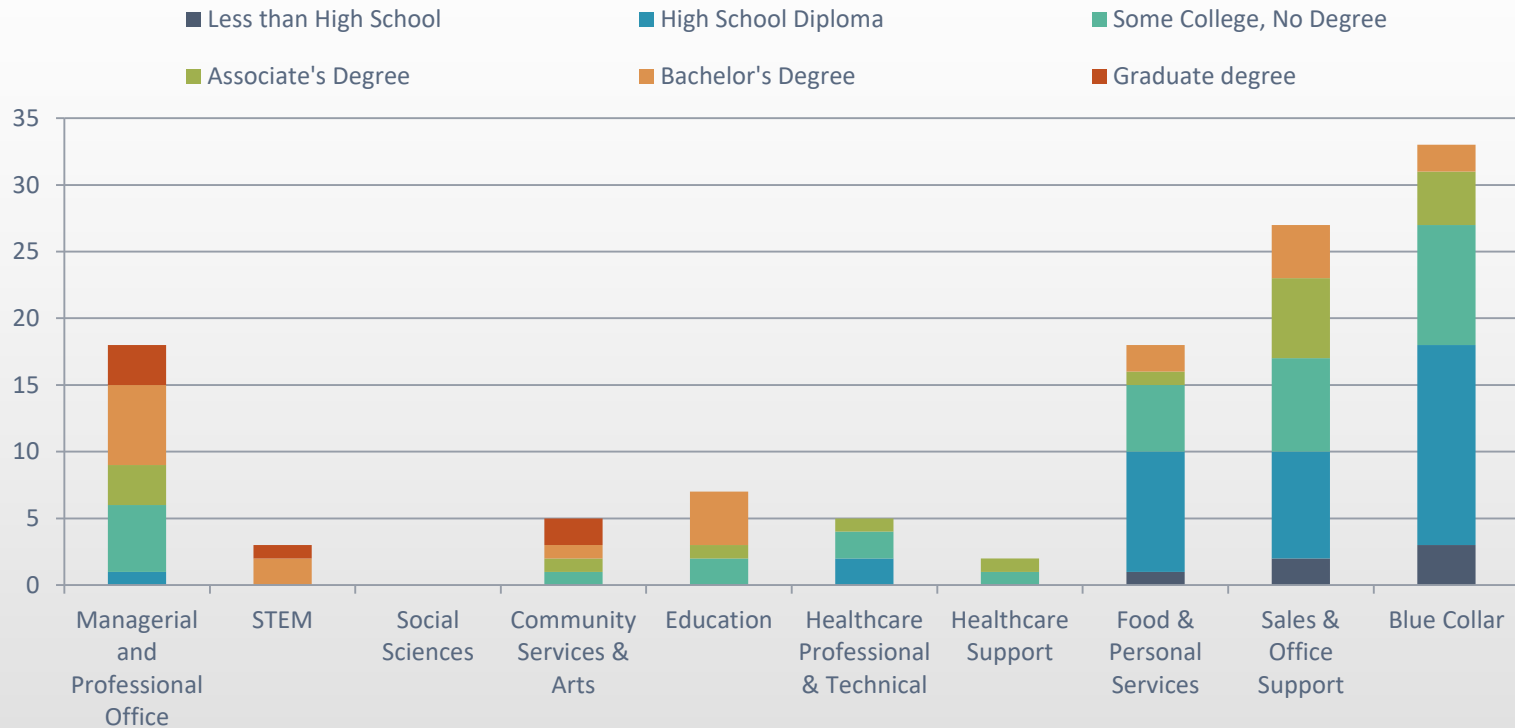


Source: U.S. Census Bureau, 2012-16 American Community Survey Five-Year Public Use Microdata Sample.

Note: Figures aggregated for employed persons age 25-64 with positive wage earnings.

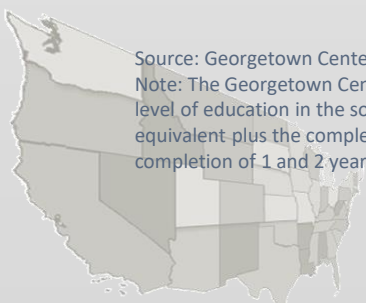


Job Openings By Occupation and Education Level (In Thousands) Wyoming, 2020



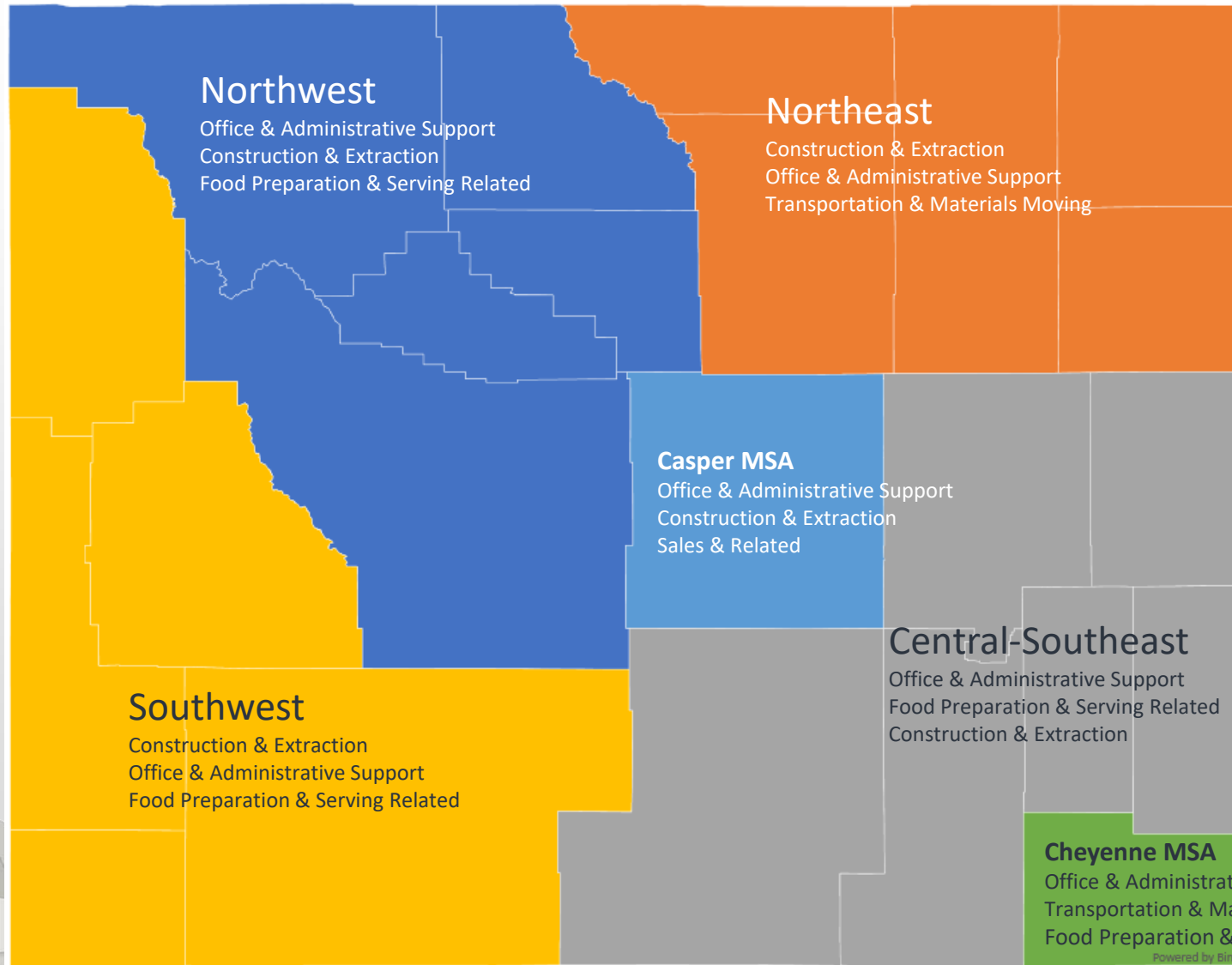
Source: Georgetown Center on Education and the Workforce, *Recovery: Projections of jobs and education requirements through 2020*; 2013.

Note: The Georgetown Center describes "Some College, No Degree" as an amorphous category in which some people with high school diplomas self-report their highest level of education in the some college category. The US Bureau of Labor Statistics defines "Some College, No Degree" as the "achievement of a high school diploma or equivalent plus the completion of one or more postsecondary courses that did not result in a degree or award." It is generally accepted that this category includes completion of 1 and 2 year certificates.



Largest Employment by Occupation, 2014

(new data should be available in the next month)

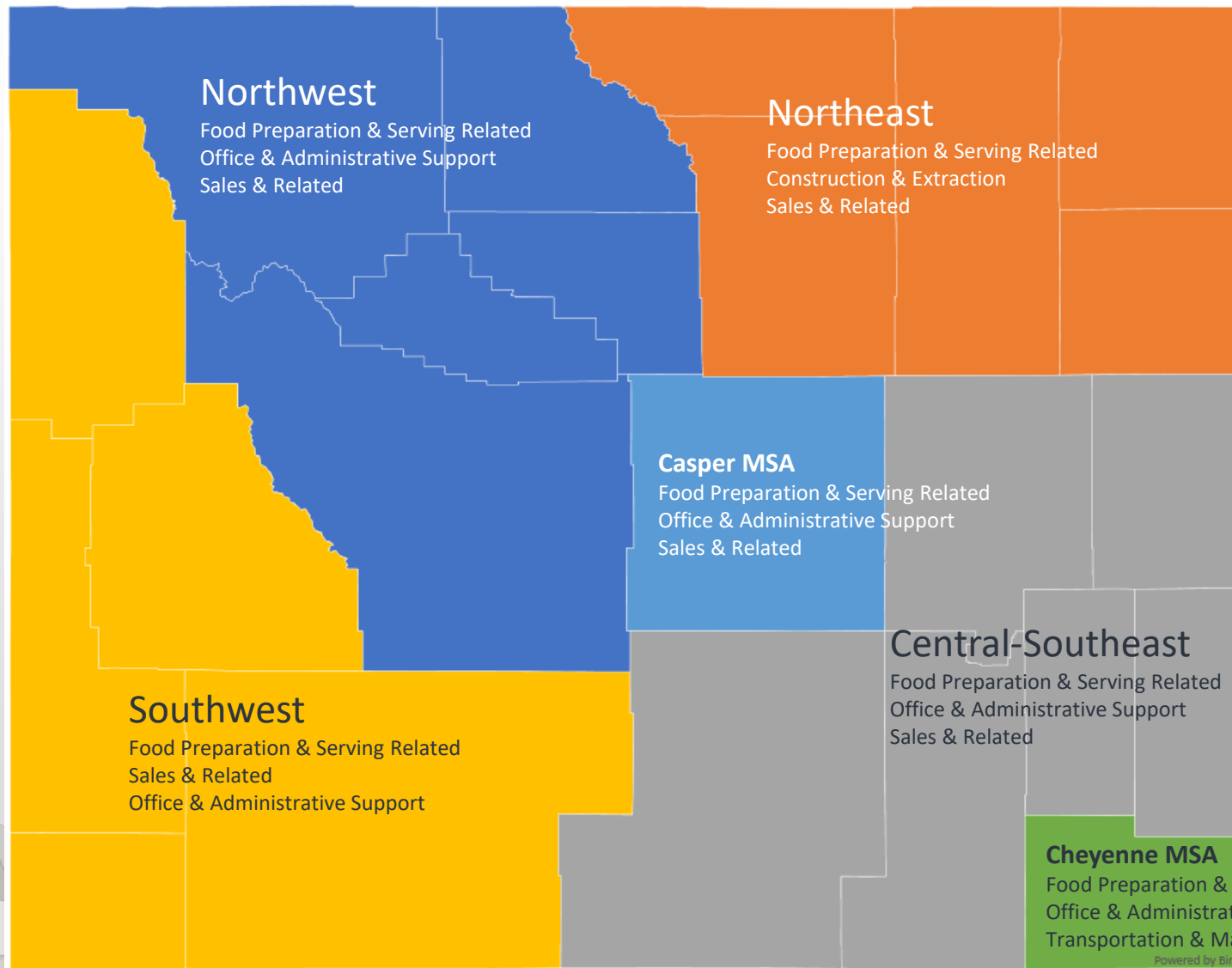


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Largest Employment Growth by Occupation, 2014-24

(new data should be available in the next month)

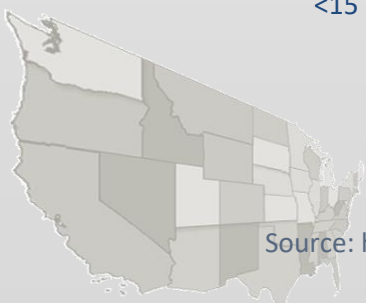
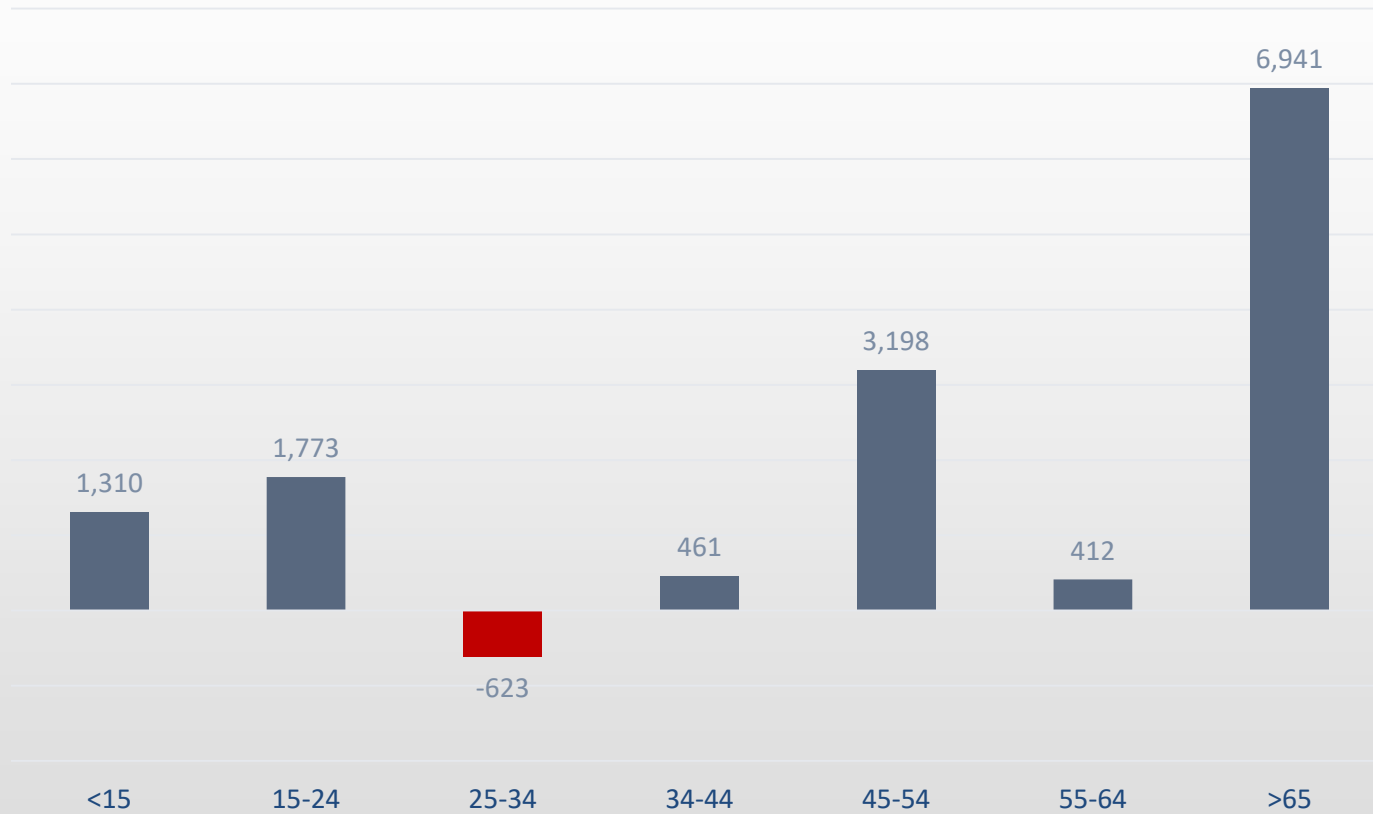


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Change in Population by Age Group, 2016-2040

Central Region

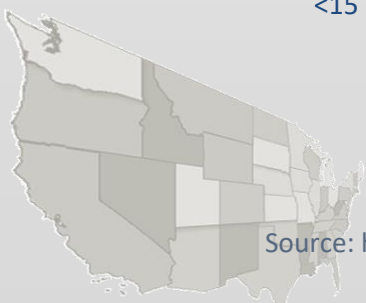
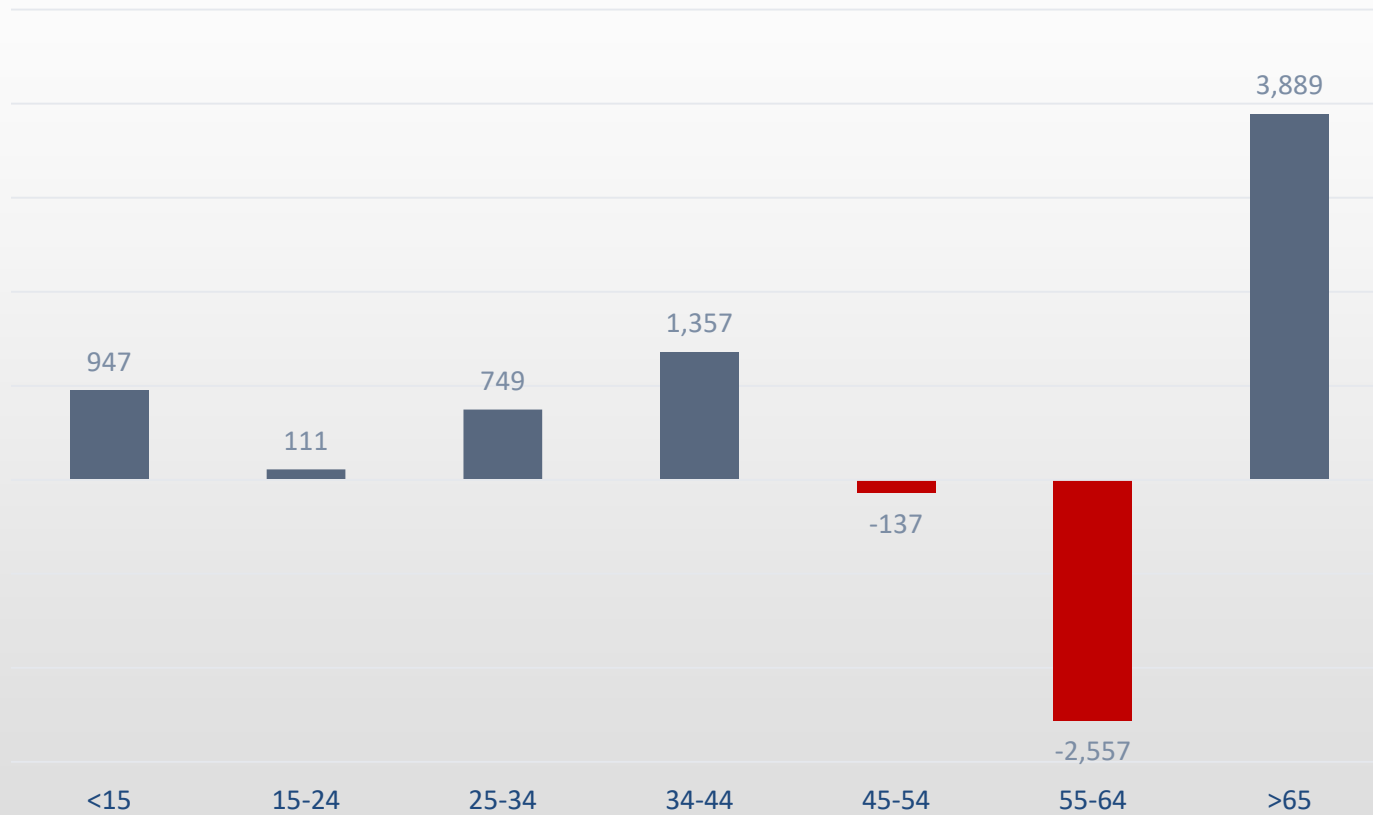


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

East Region

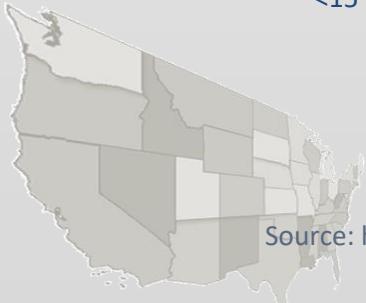
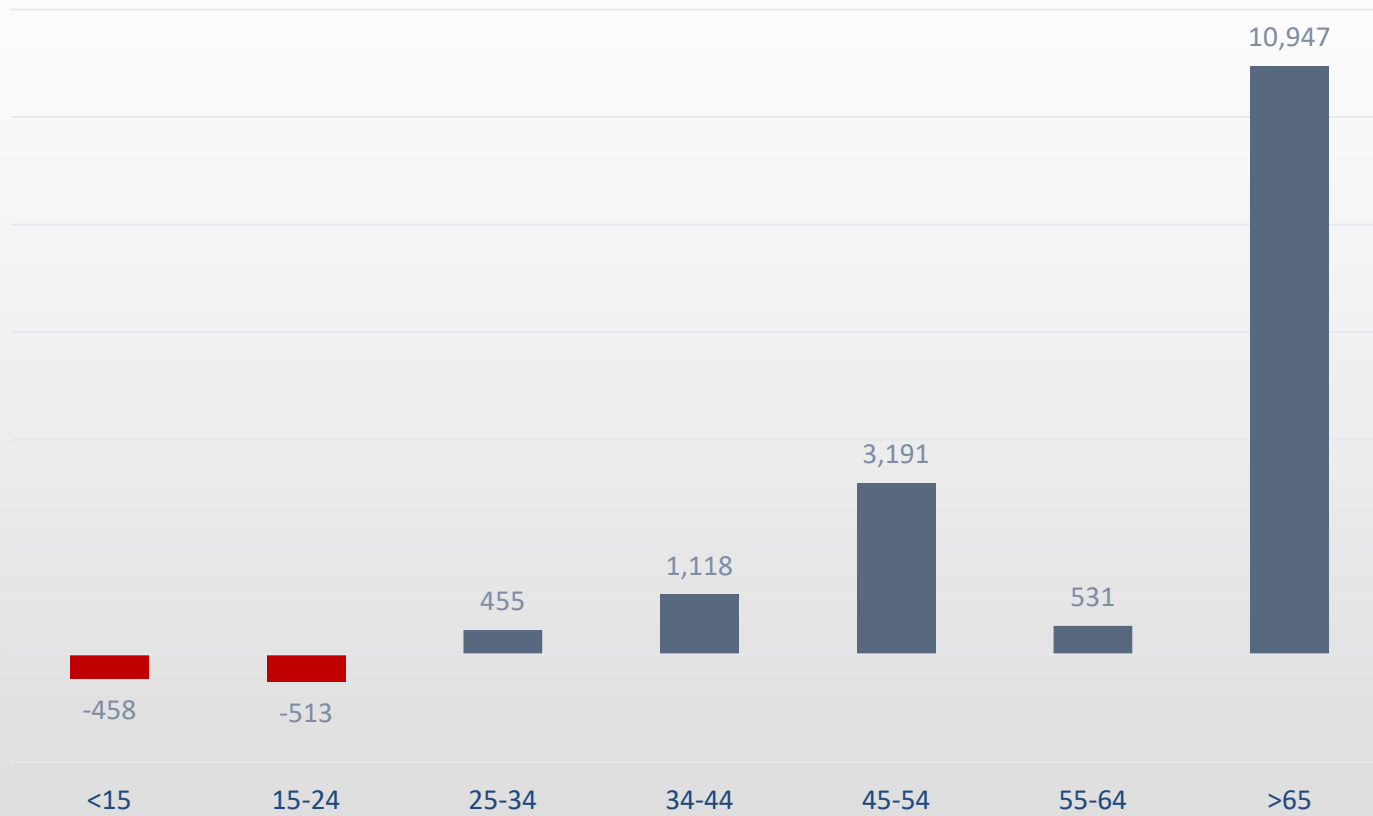


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

Northeast Region

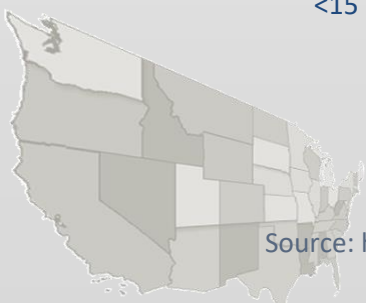
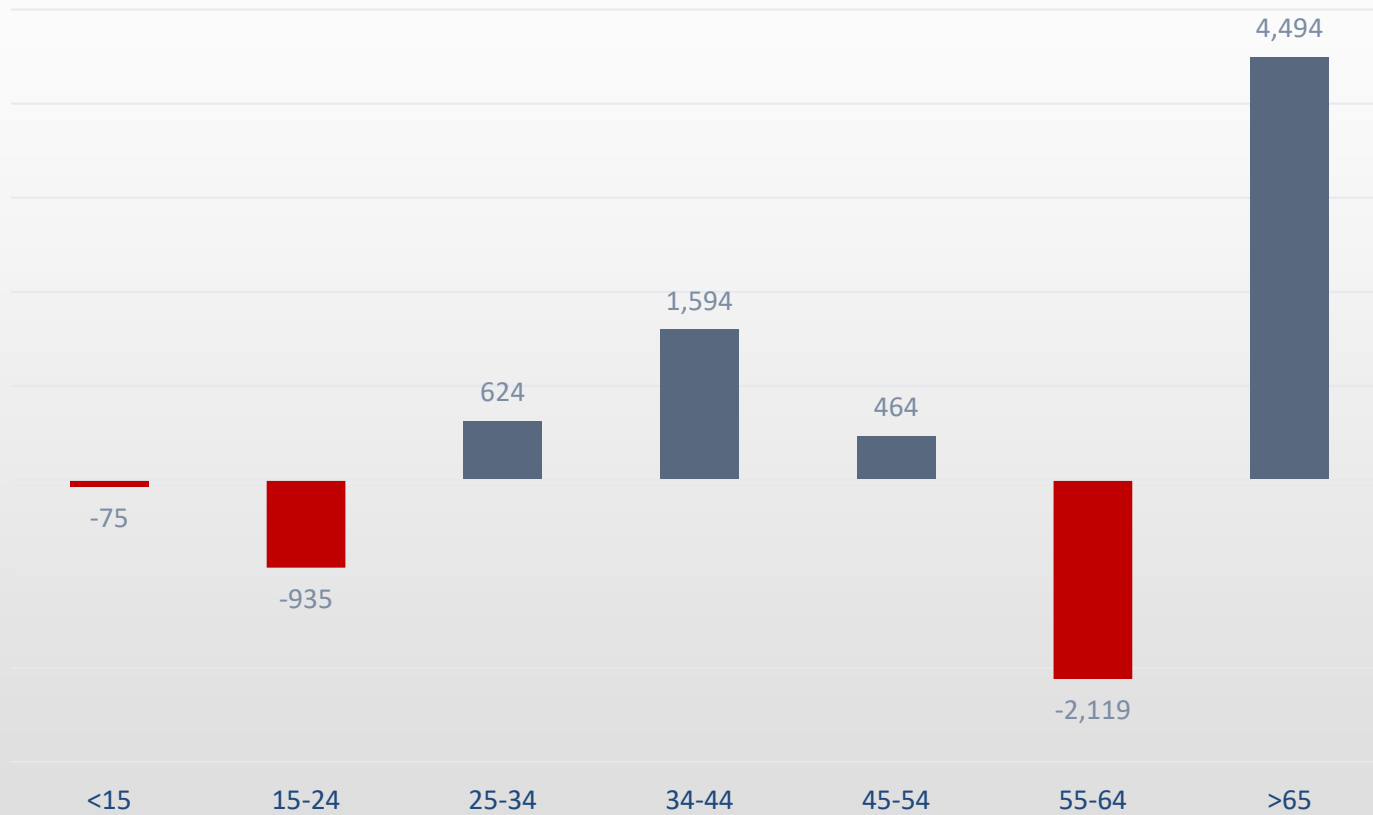


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

Northwest Region

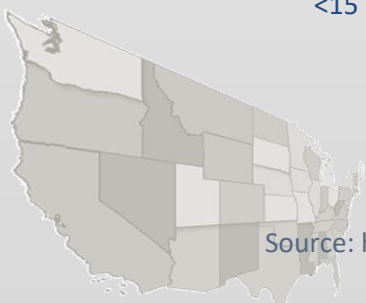
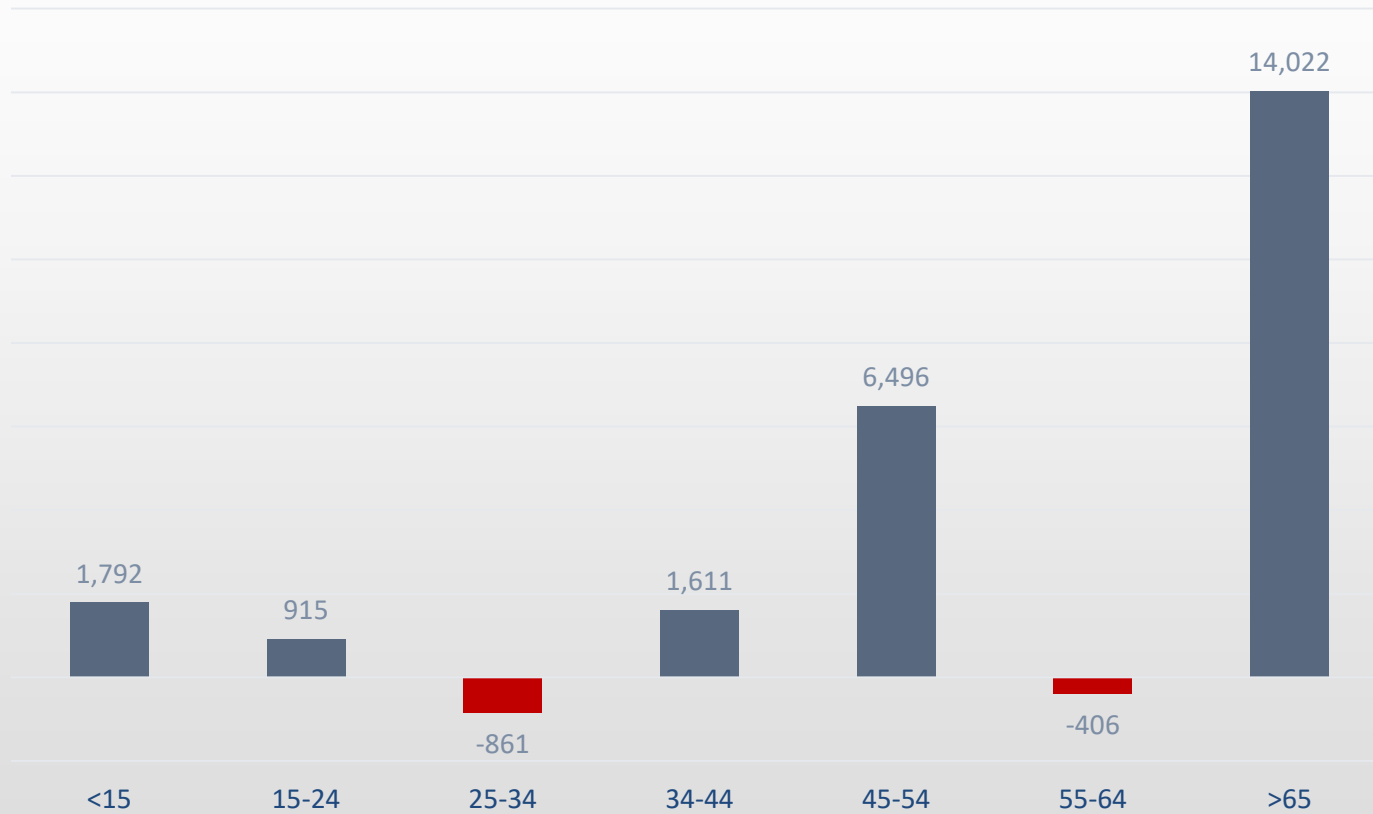


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

Southeast Region

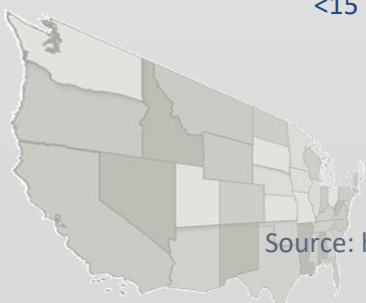
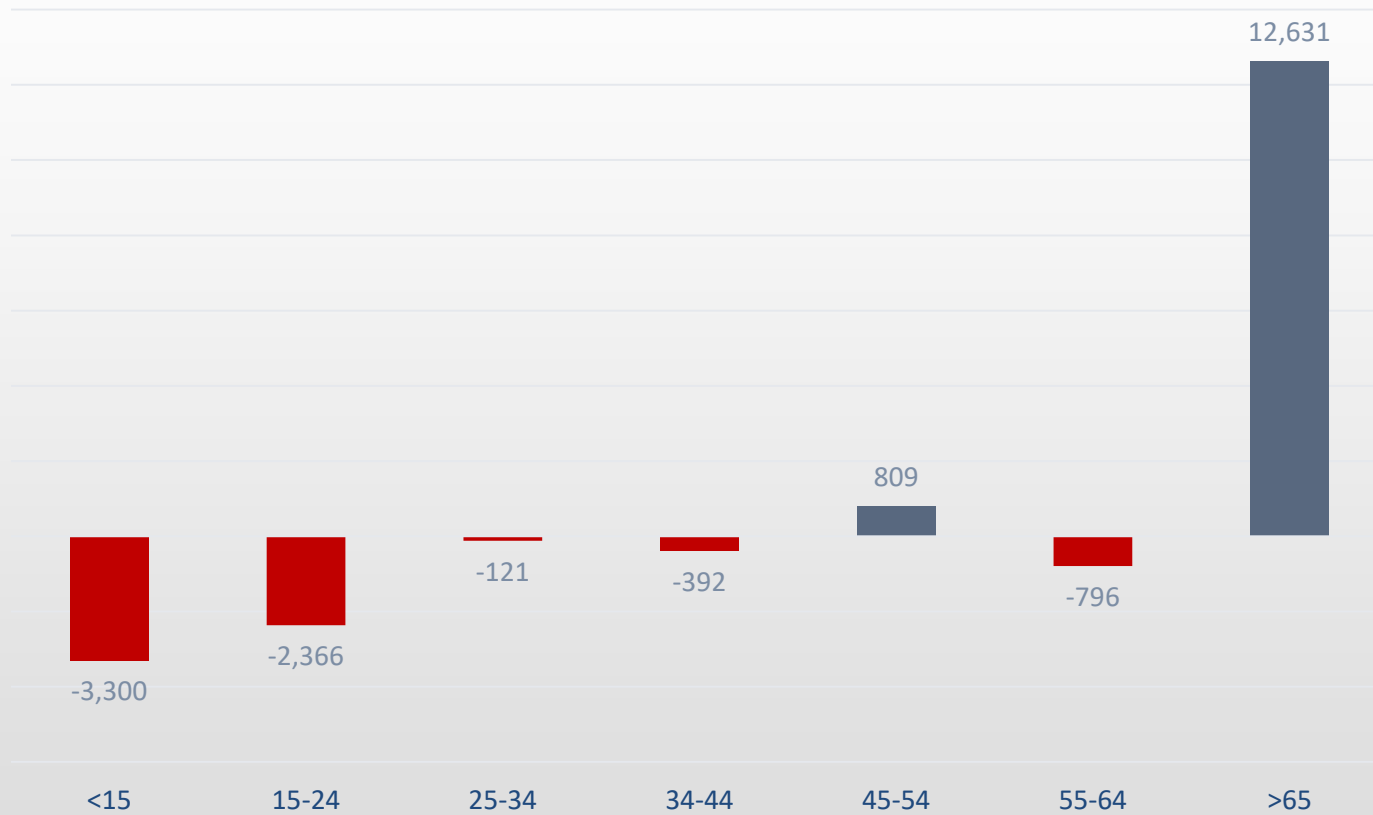


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

Southwest Region

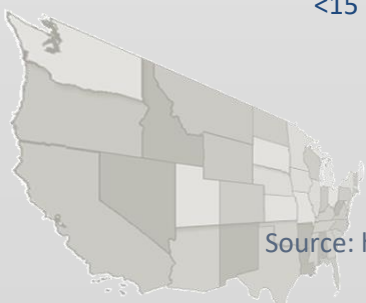
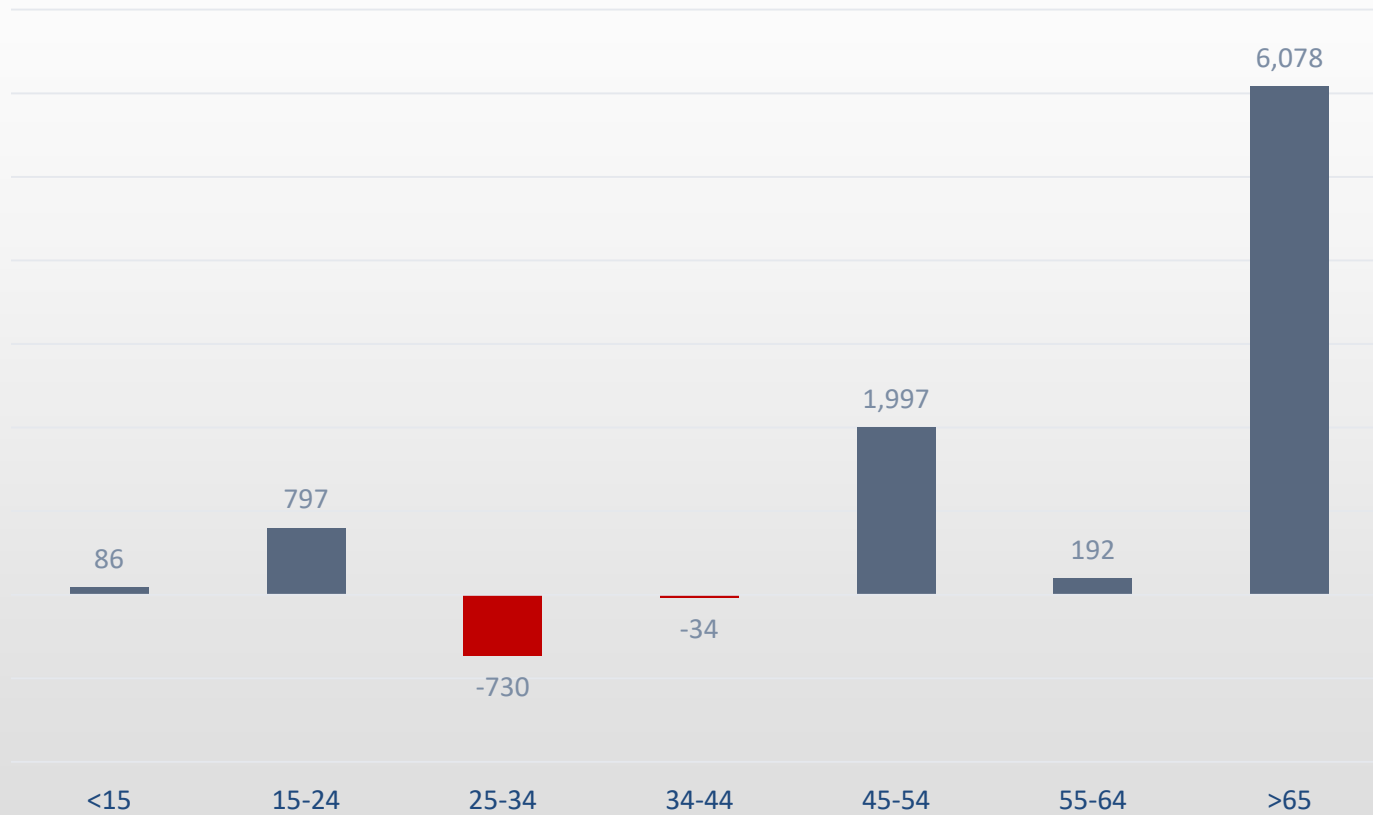


Source: <http://eativ.state.wy.us/pop/>



Change in Population by Age Group, 2016-2040

West Region

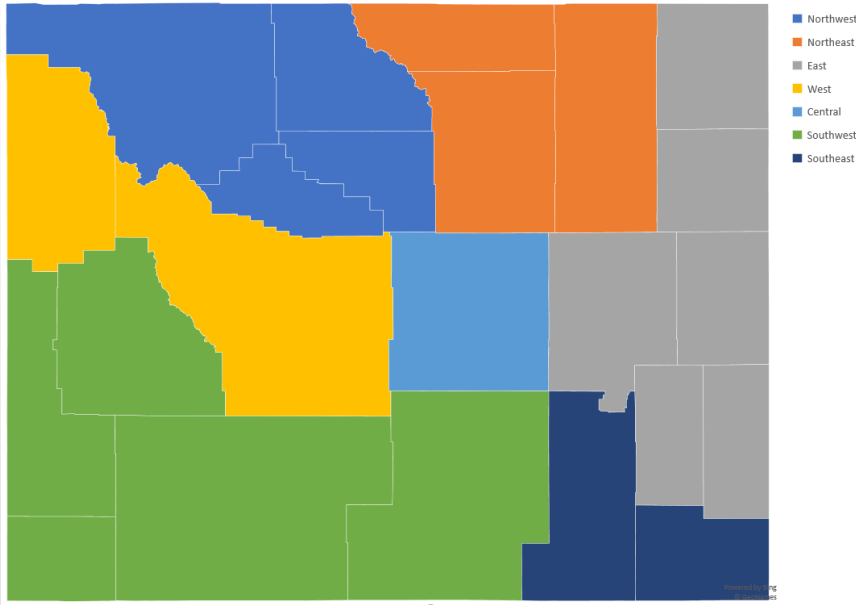


Source: <http://eativ.state.wy.us/pop/>



Region Definitions

As established for the project.



DOE (Occupations Data) Regions

