

# Getting to 60% PSE Attainment by 2020: Why & How



Prepared for  
**Alaska**  
November, 2013



**NCHEMS**

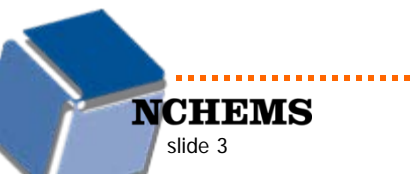
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# Thirty-Eight States Have Adopted Goals Regarding Increases in Either Education Attainment or Degree Production

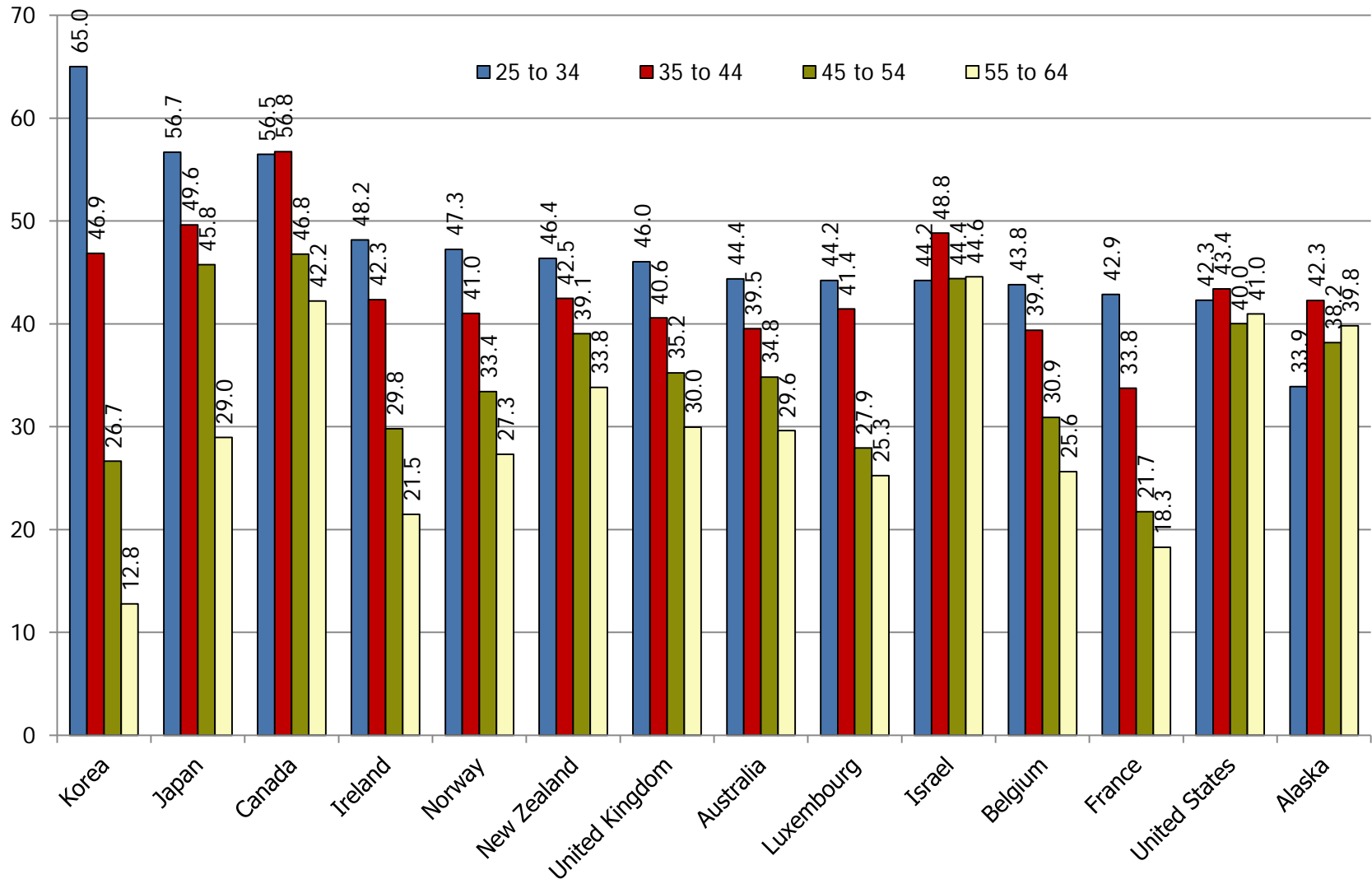
- Oregon                      40/40/20                      by 2025
- Utah                            66%                            by 2020
- Most others                60%                            by 2025
- Arkansas                    Double the numbers        by 2025
- Tennessee                 55%                            by 2025

# Comparing Kansas with Nations and Other States in the Percentage of Young Adult Degree Attainment (Ages 25-34)

U.S. States	%	OECD Country
	60	Korea (65.0)
	58	
	56	Japan, Canada
Massachusetts	54	
North Dakota	52	
Minnesota • New York	50	
New Jersey	48	Ireland
New Hampshire	48	Norway
Connecticut • Iowa	46	New Zealand, United Kingdom
Virginia • Illinois • Maryland • South Dakota	44	Australia, Luxembourg, Israel, Belgium
Pennsylvania • Nebraska • Colorado • Vermont	44	France
Rhode Island • Kansas	42	UNITED STATES, Sweden
Montana • Wisconsin	42	Netherlands, Switzerland
• Washington	40	
Missouri • Hawaii	40	
Wyoming • Maine • Delaware • Utah	38	Finland, Spain, Chile
Ohio • California • Oregon	38	Estonia, Denmark
Michigan • North Carolina	36	Poland
Indiana • Florida • South Carolina	36	Iceland
Georgia	34	
Alaska • Kentucky • Tennessee	34	
Arizona • Mississippi • Texas	32	
Alabama • Idaho	32	
Louisiana	30	Slovenia, Greece
Oklahoma • Arkansas • West Virginia	30	
Nevada	28	
New Mexico	26	Germany, Hungary
	24	Portugal
	24	Slovak Rep
	22	Czech Rep
	22	Mexico
	20	Austria, Italy
	20	Turkey (17.4)

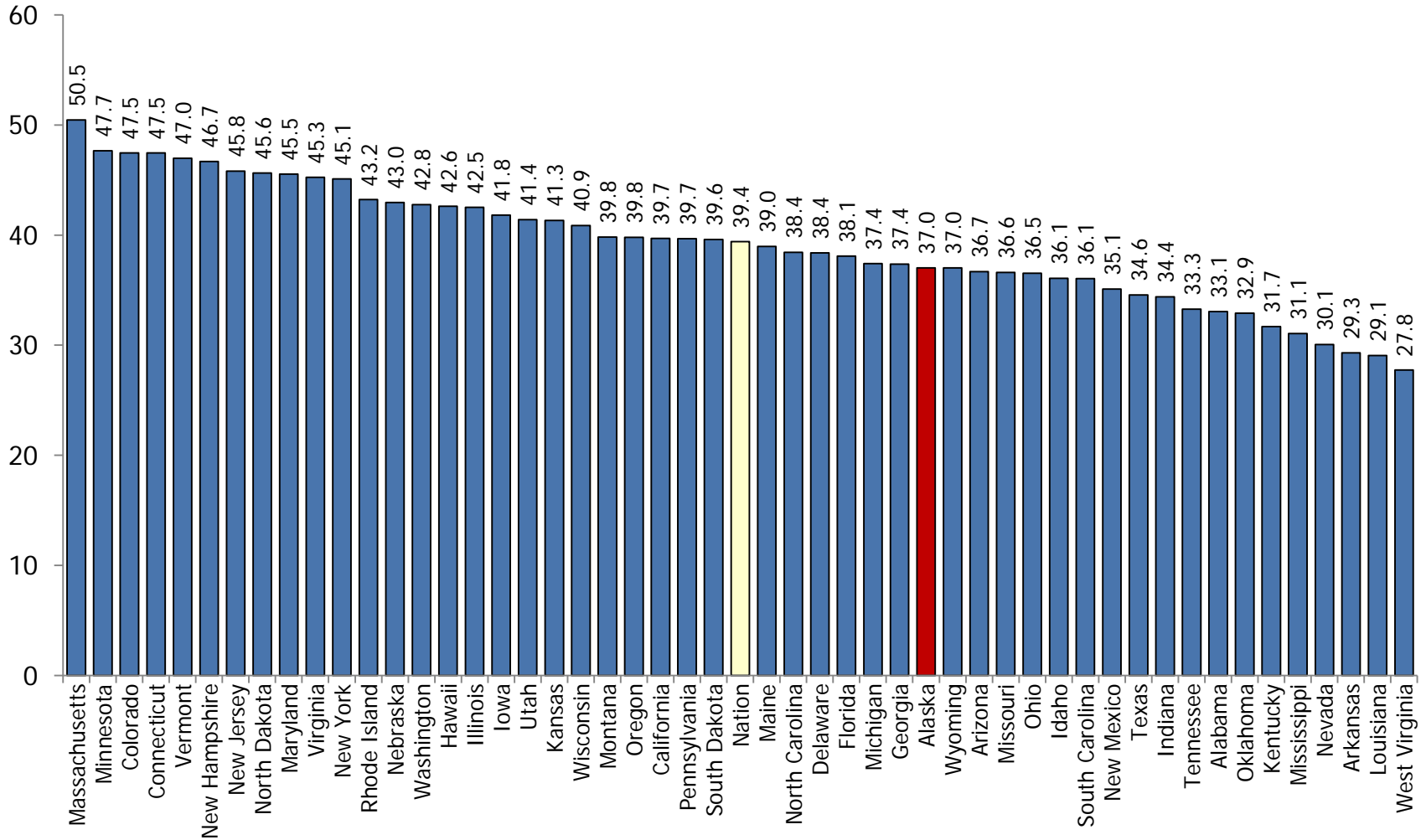


# Percent of Adults with an Associate Degree or Higher by Age Group – Kansas, U.S. & Leading OECD Countries, 2010

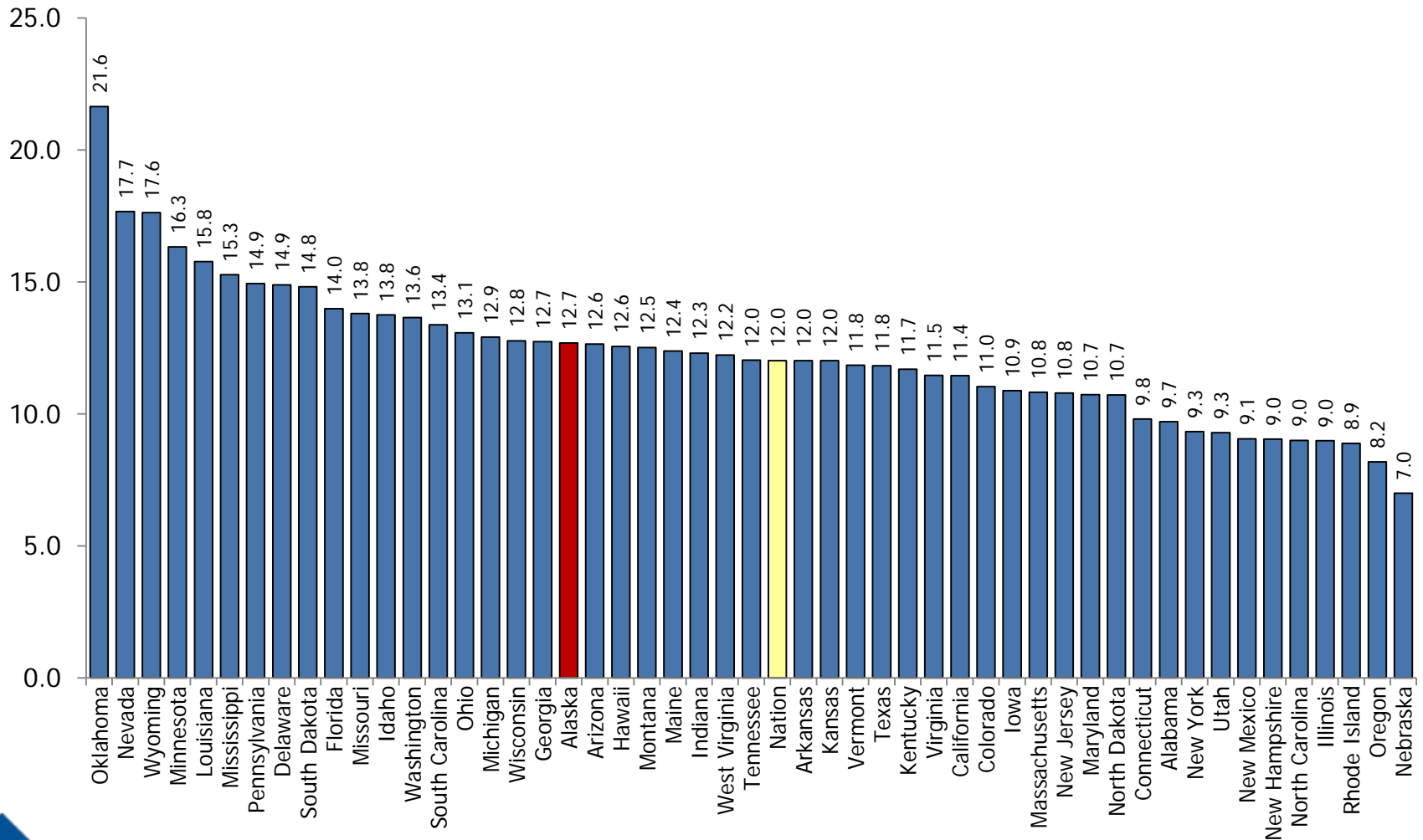


Source: OECD, Education at a Glance 2012, U.S. Census Bureau, 2010 American Community Survey One-Year Public Use Microdata Sample File

# Percent of 25-64 Year Olds with College Degrees – Associate and Higher, 2011

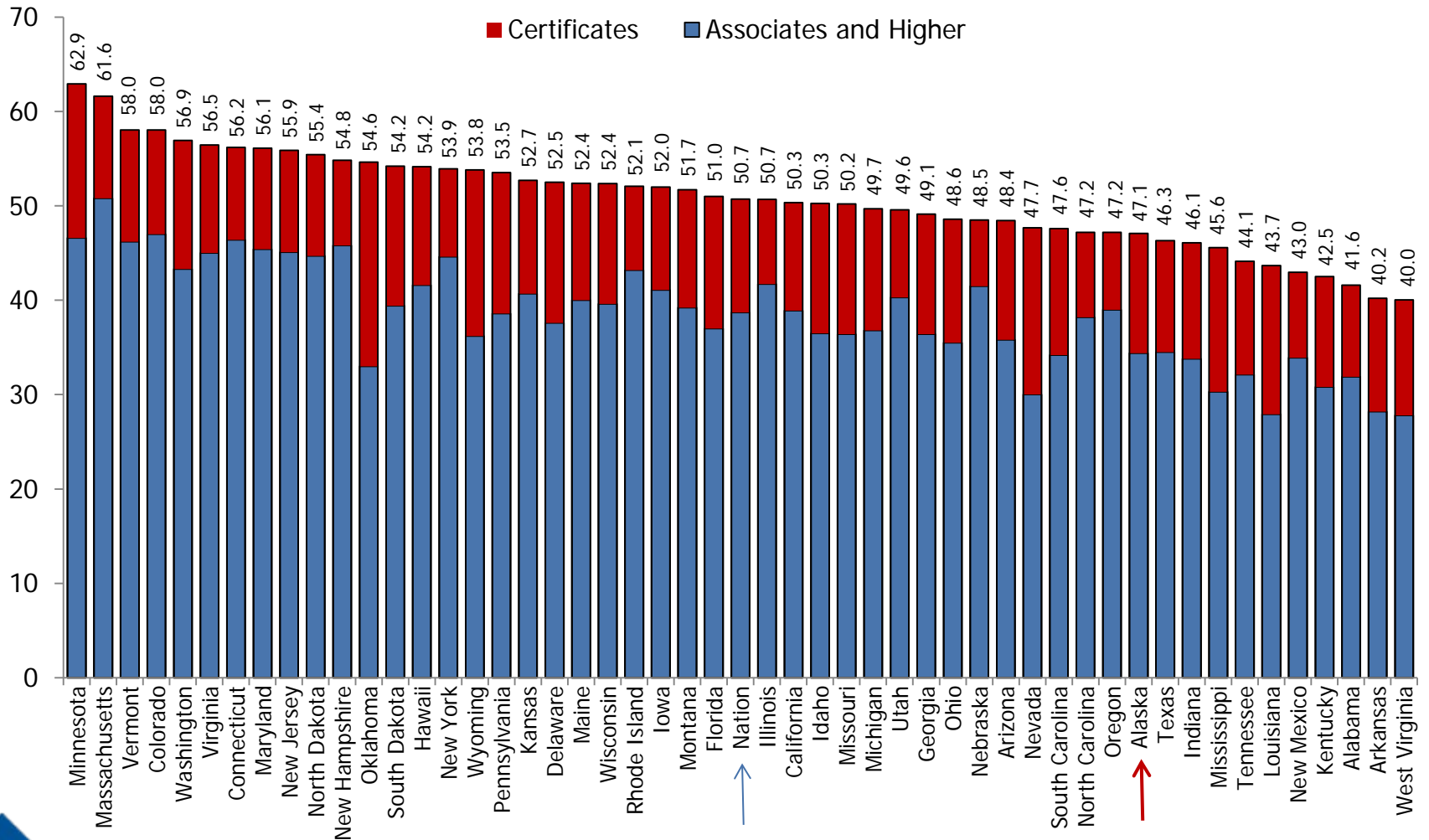


# Percent of 25-64 Year Olds with Certificates, 2011

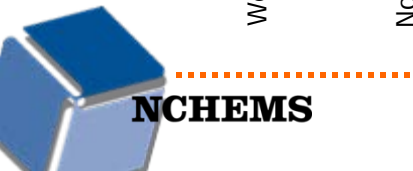
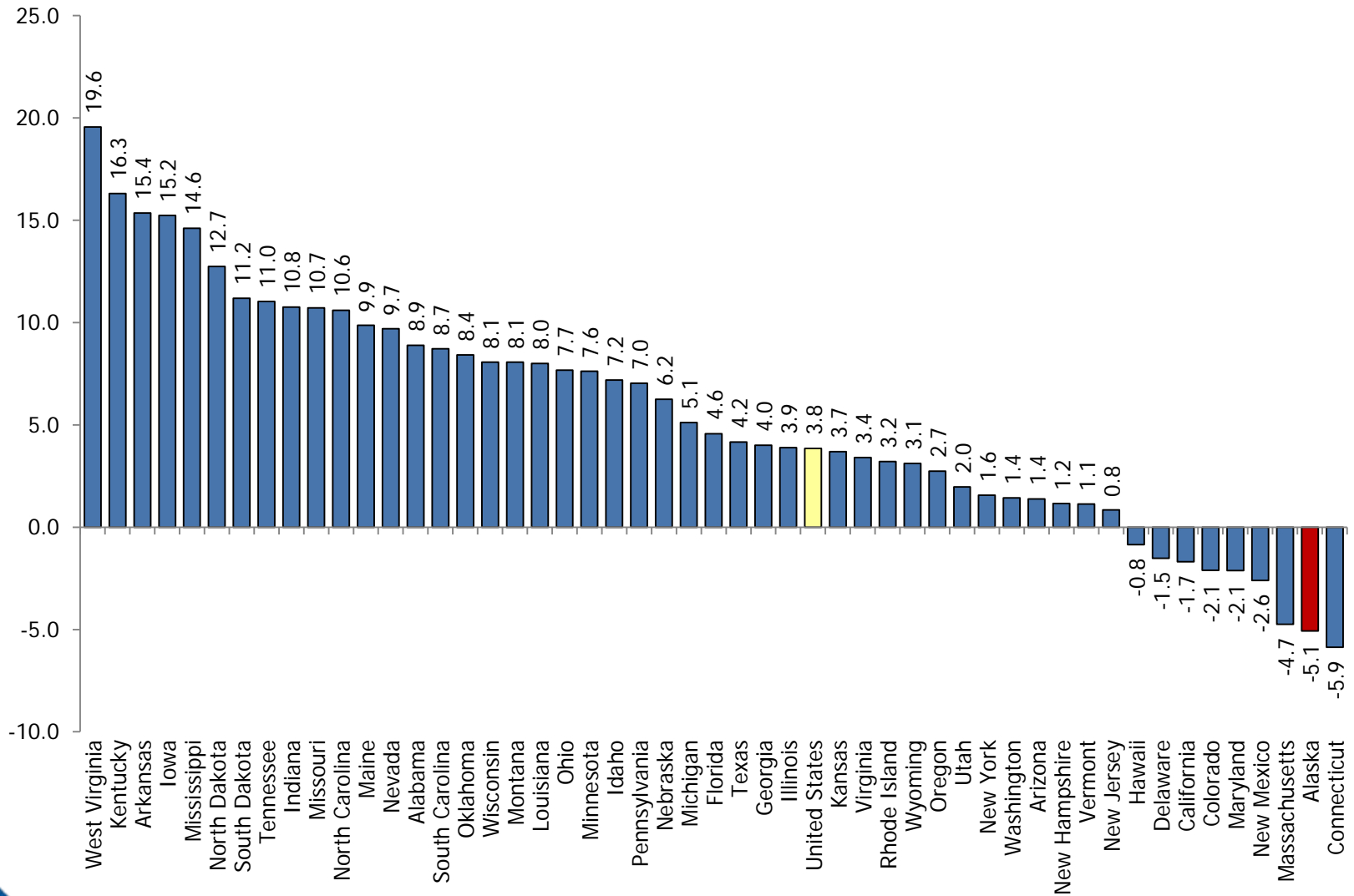


Source: U.S. Census Bureau, SIPP Survey of Income and Program Participation

# Percent of 25-64 Year Olds with College Degrees – Associate and Higher, Certificates and Total, 2011



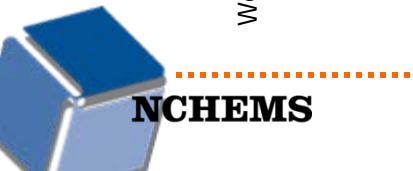
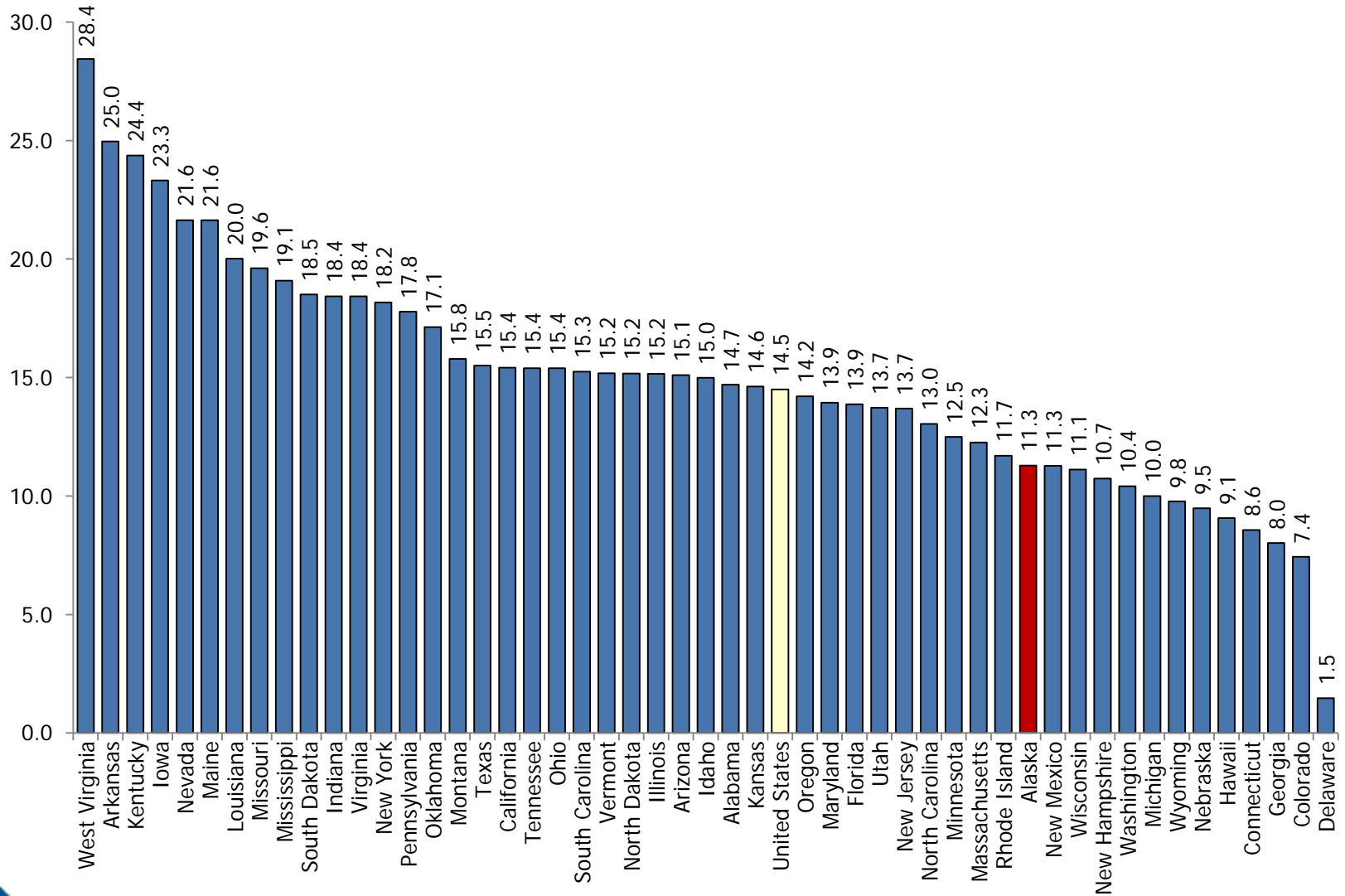
# Change in College Attainment from 2000 to 2011 by State – 25 to 64 Year Olds



Sources: U.S. Census Bureau, Decennial Census and American Community Survey

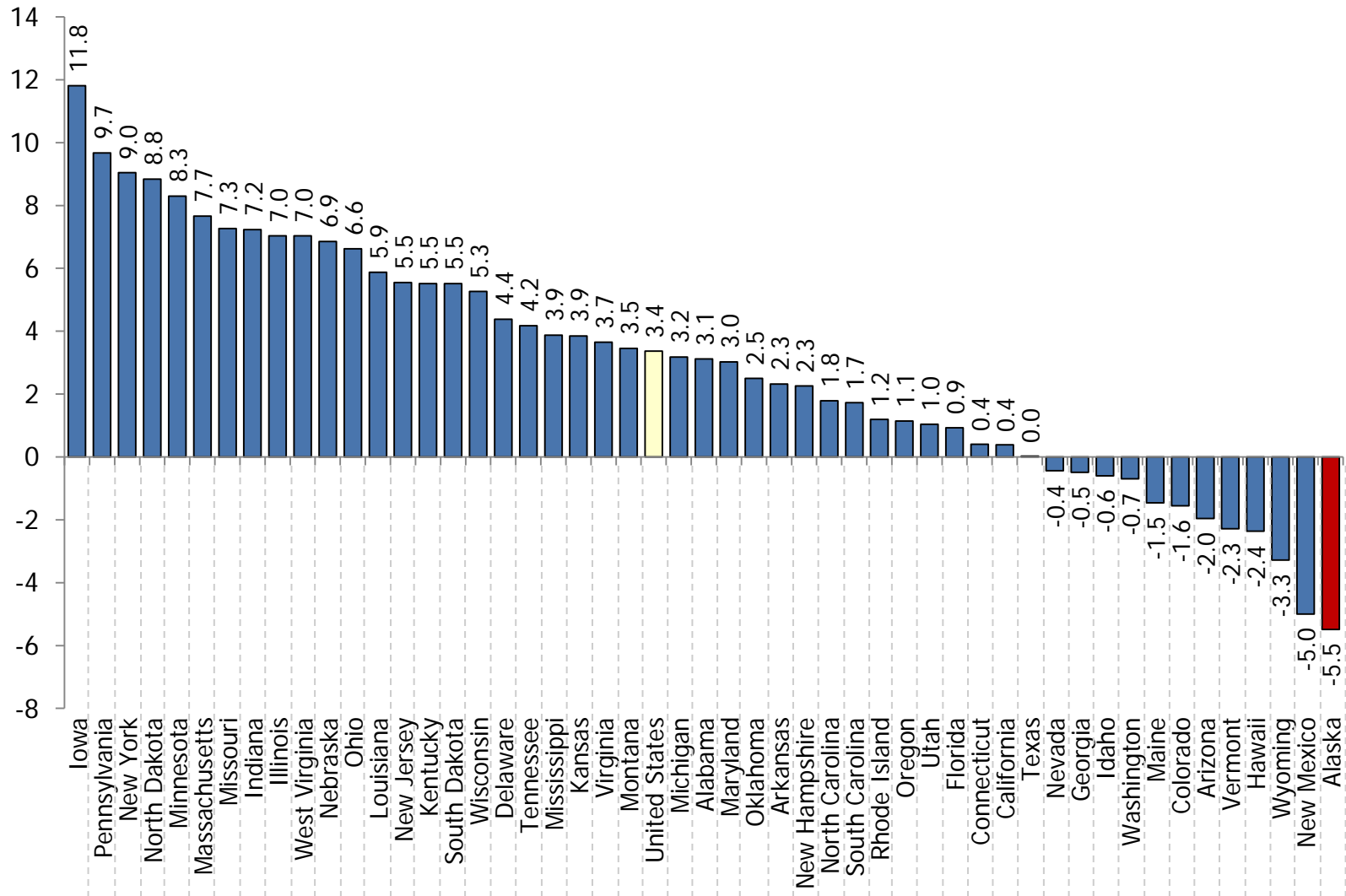


# Change in College Attainment from 2000 to 2011 by State – 25 to 34 Year Olds

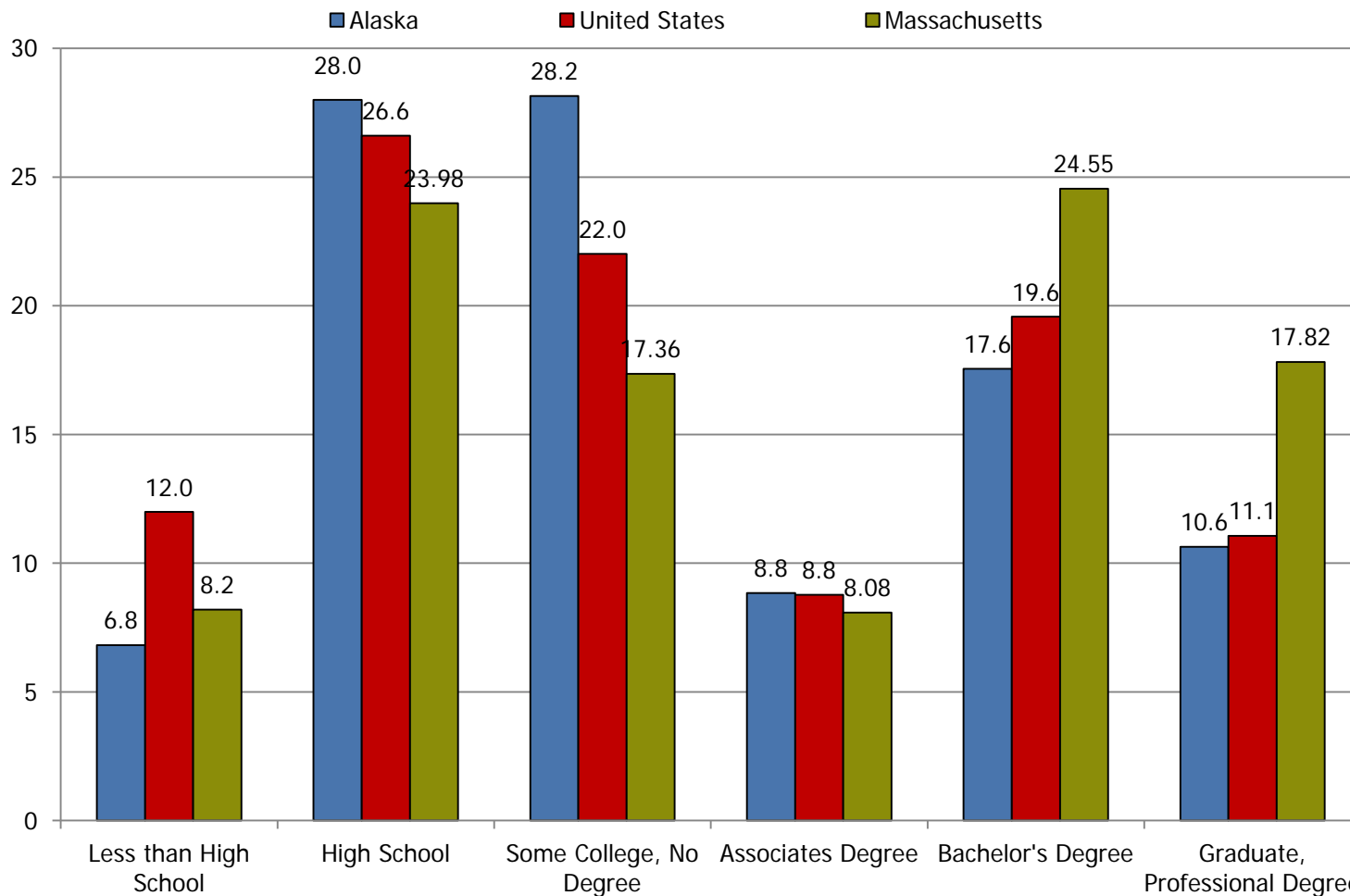


Sources: U.S. Census Bureau, Decennial Census and American Community Survey

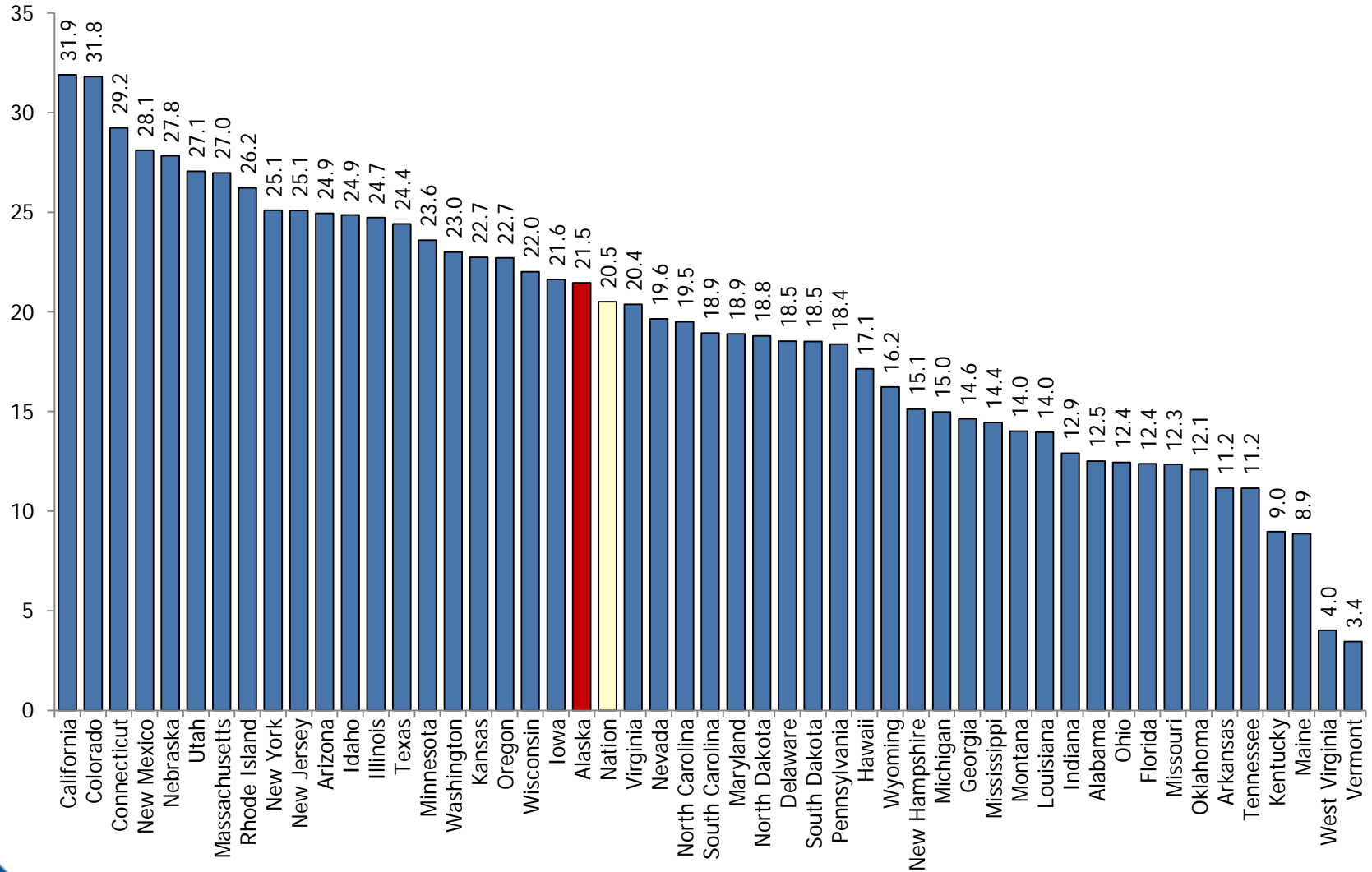
# Difference in College Attainment between Young Adults (25-34) and Older Adults (45-64), 2012



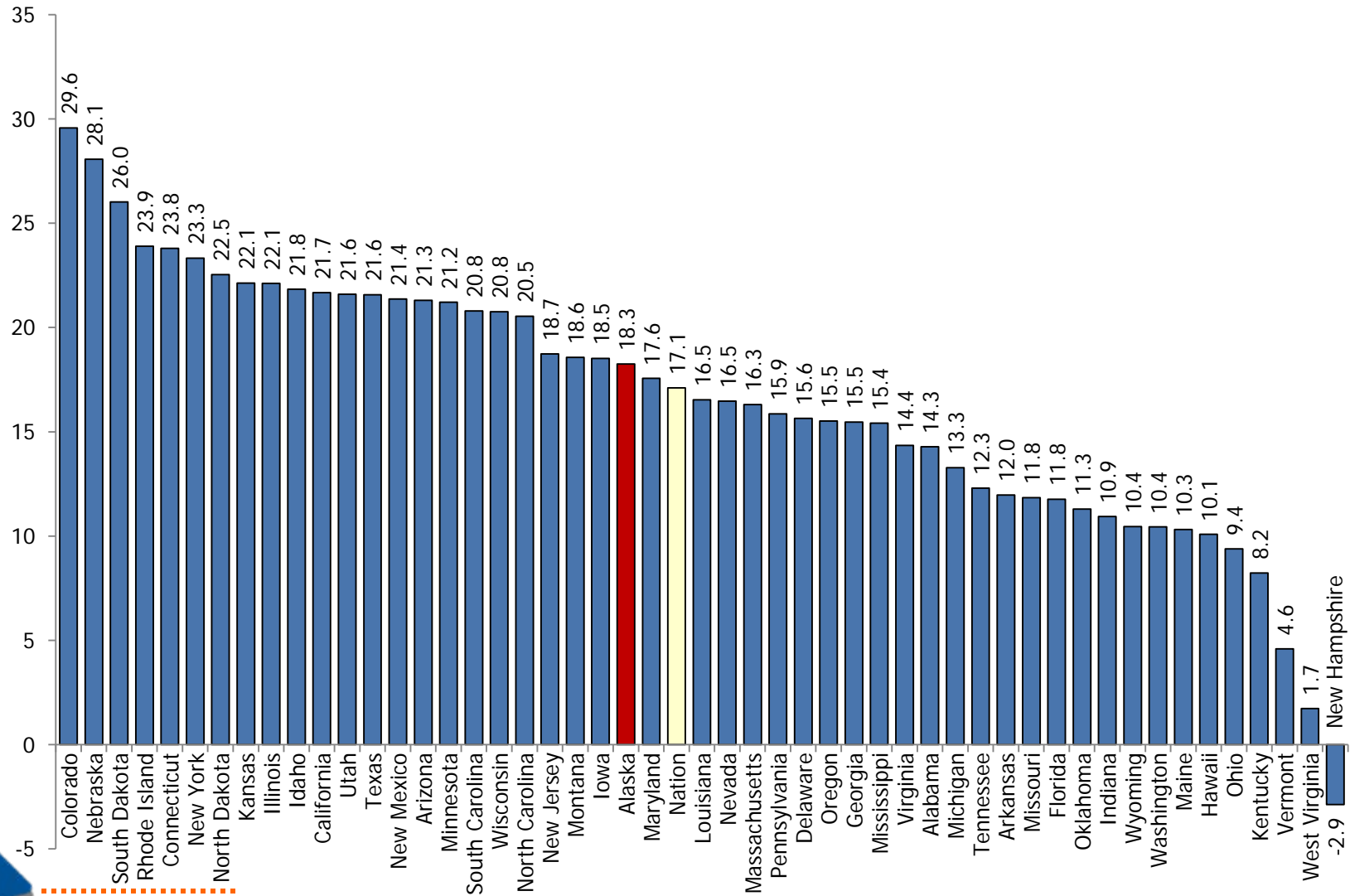
# Educational Attainment of Working Aged Adults, Ages 25-64 – Alaska, U.S., and Most Educated State, 2012



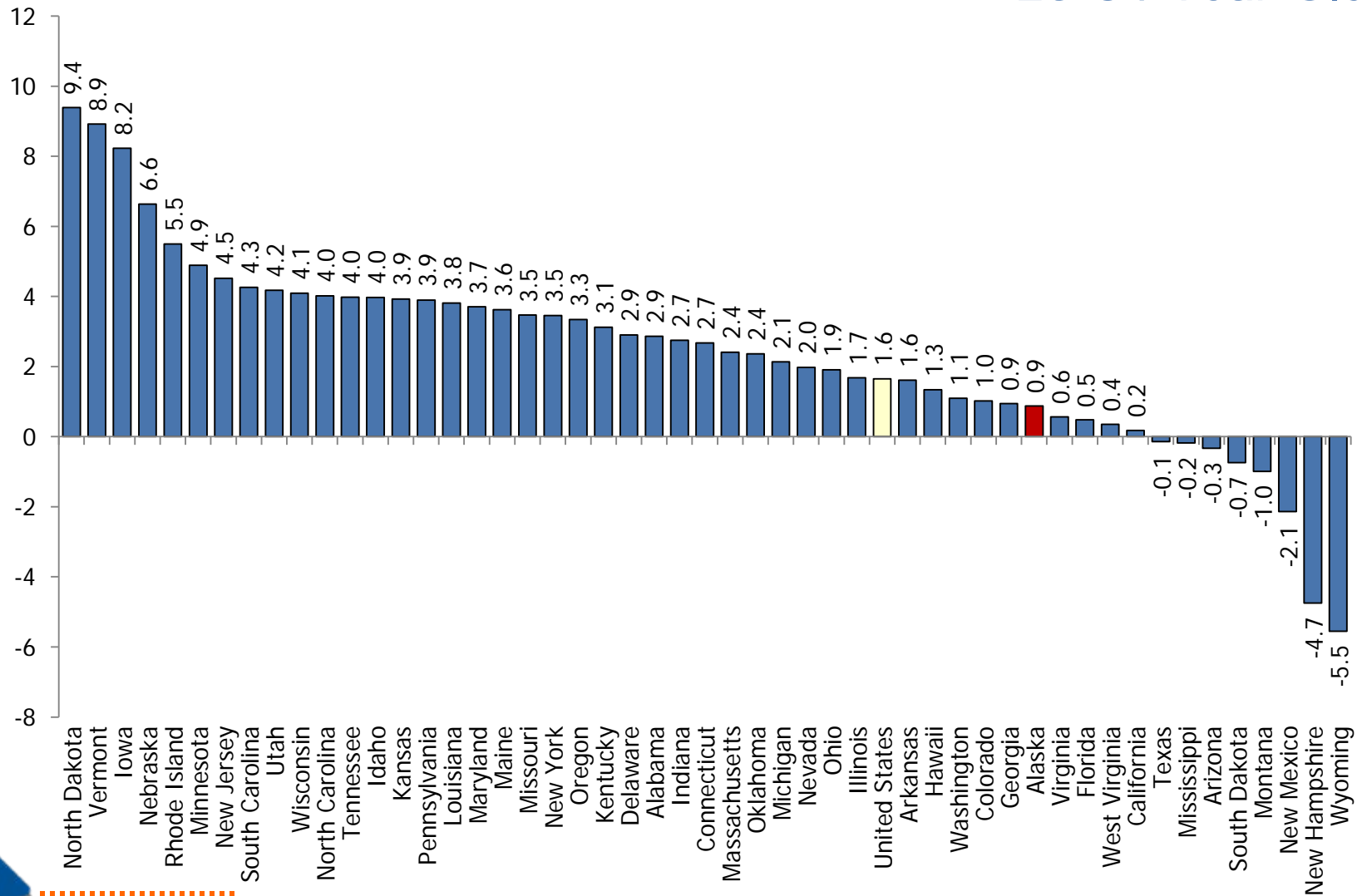
# Difference in College Attainment Between Whites and Underrepresented Minorities (Black, Hispanic, Native American, Alaska Native), Ages 25-64 (2009-11)



# Percentage Gap in College Attainment Between Whites and Underserved Minorities, 25-34 Year Olds, 2009-11

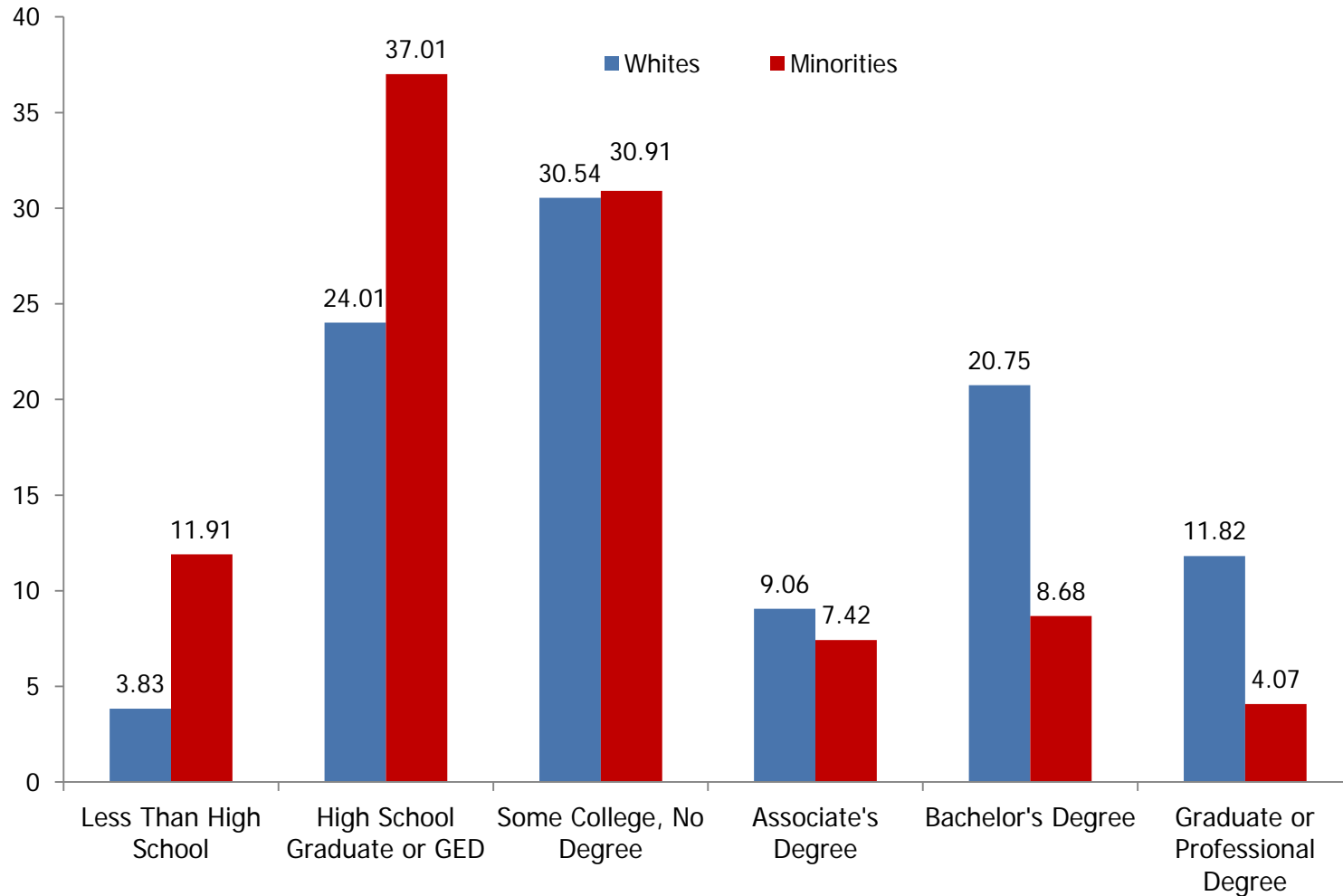


# Change in Percentage Gap in College Attainment Between Whites and Underserved Minorities from 2000 to 2009-'11, 25-34 Year Olds

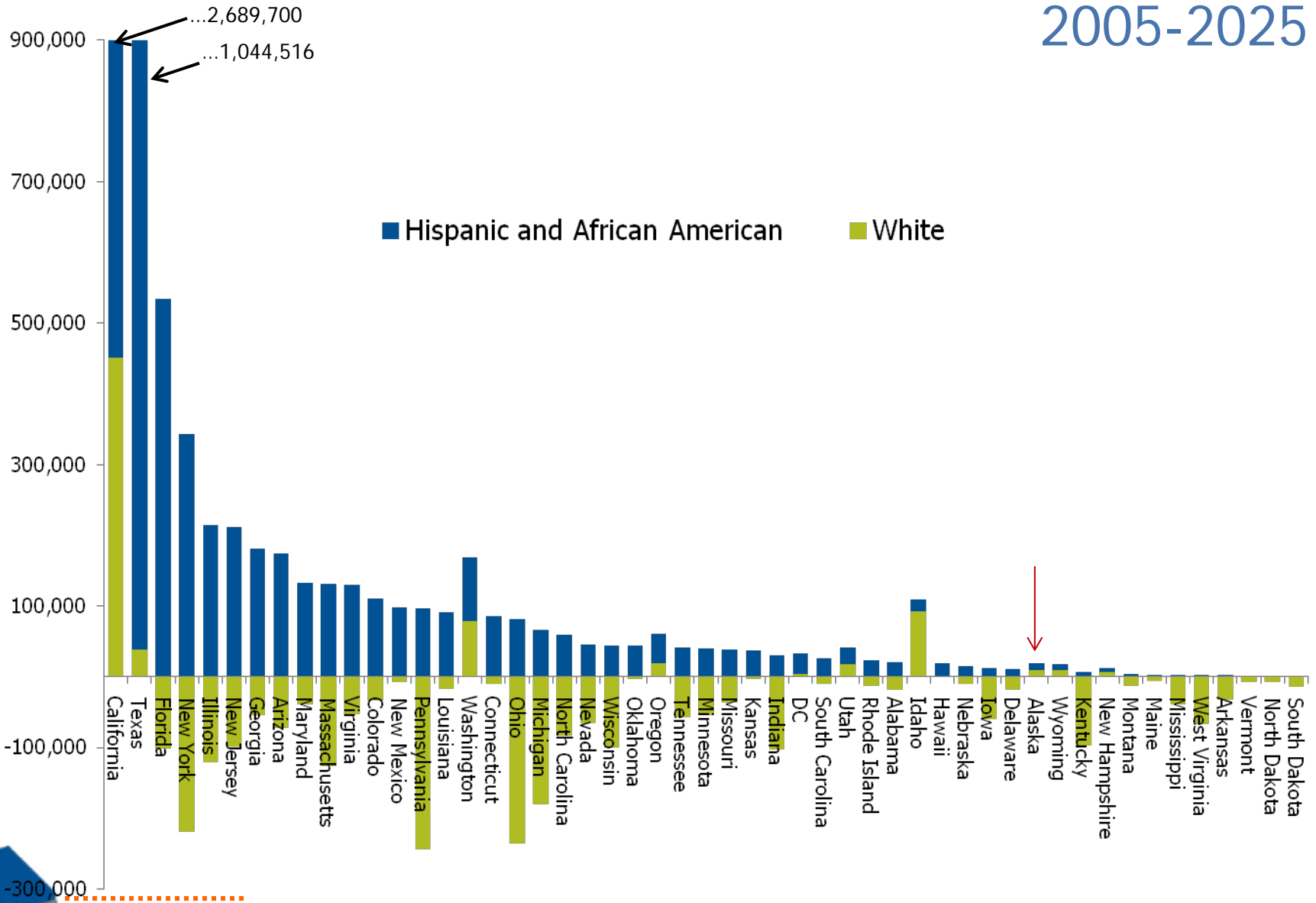


# Educational Attainment of Whites and Minorities (Black, Hispanic, American Indian, Alaska Native ) Aged 25-64, 2009-2011

Alaska

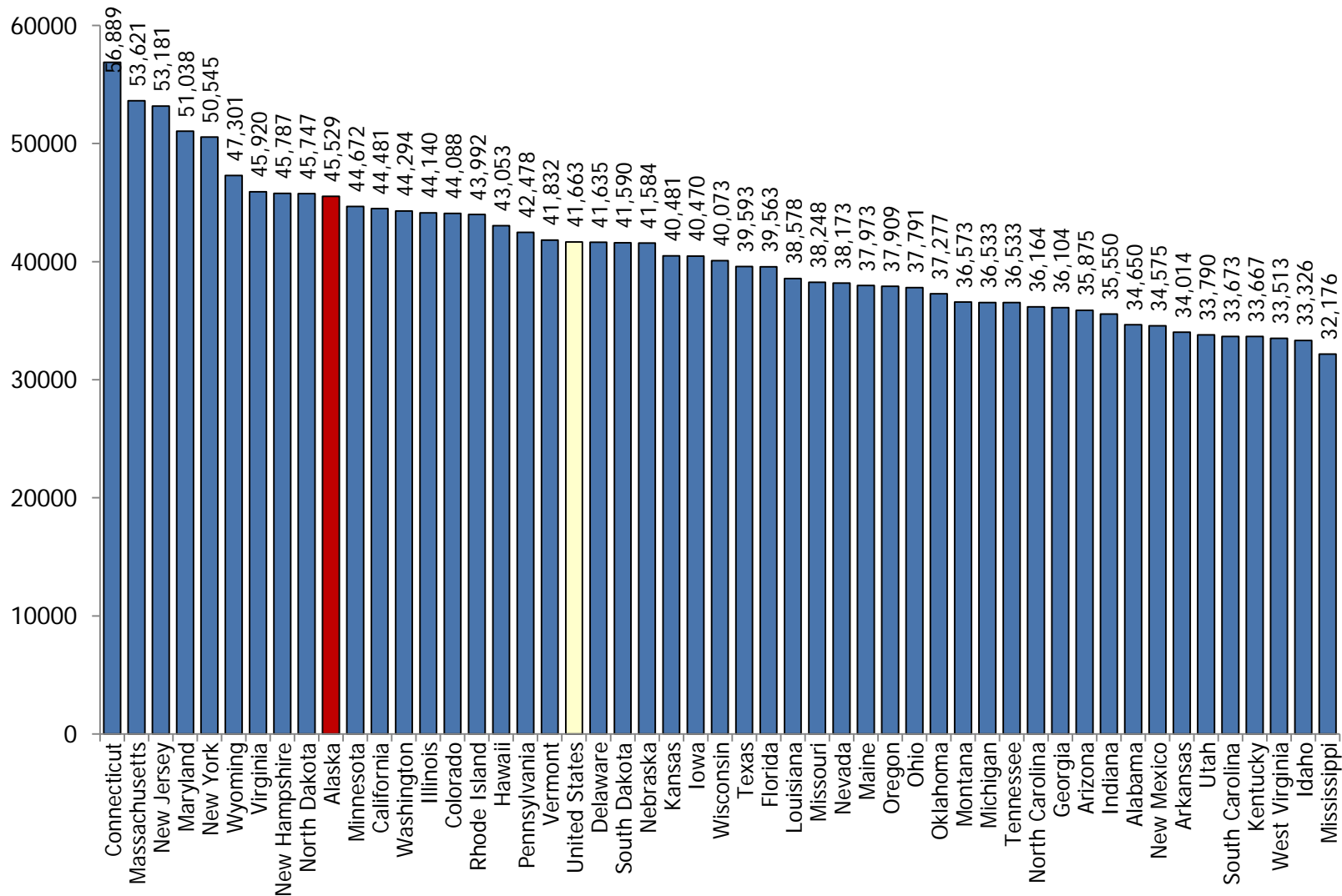


# Change in Population Age 25-44 By Race/Ethnicity, 2005-2025

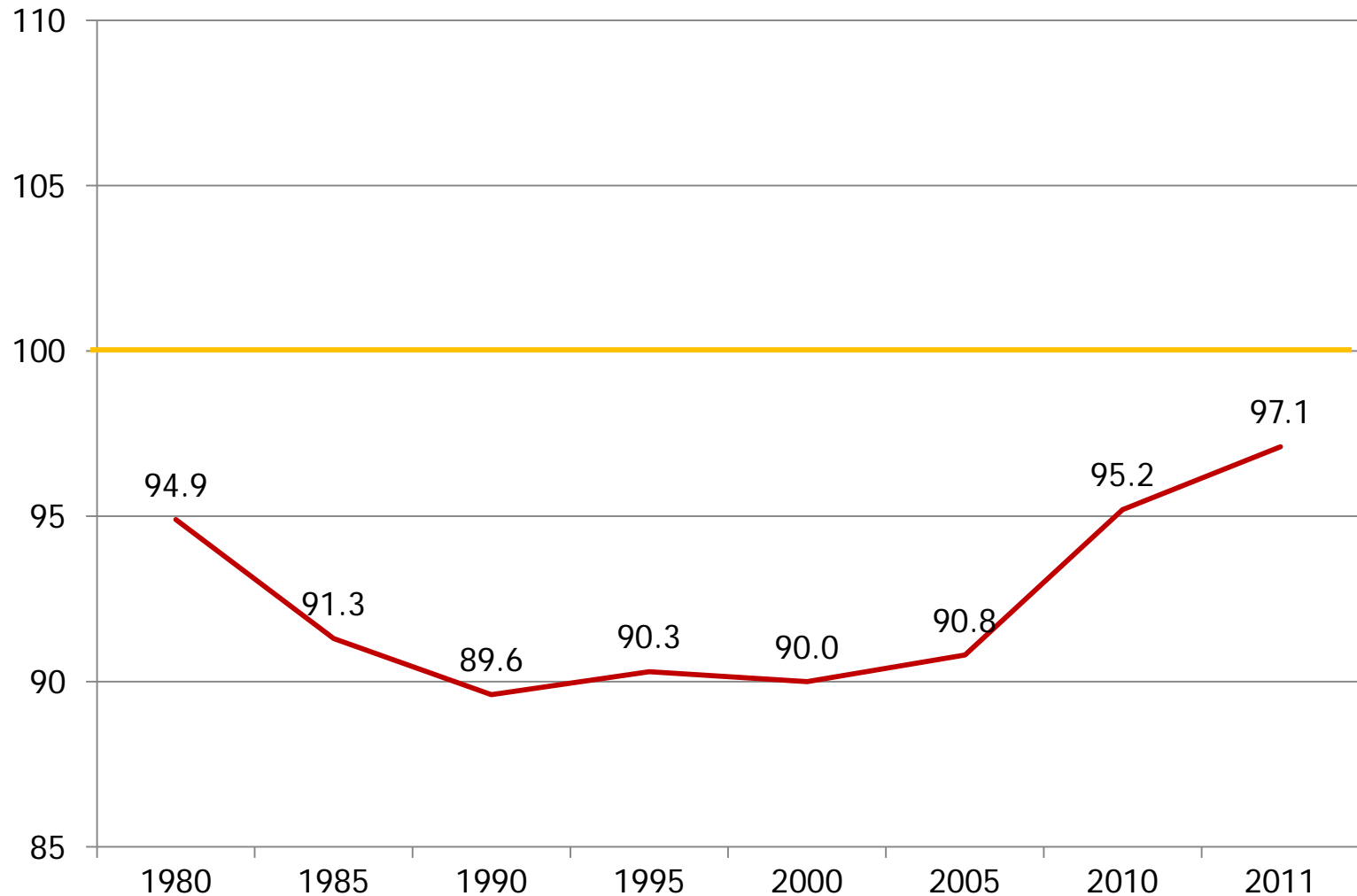




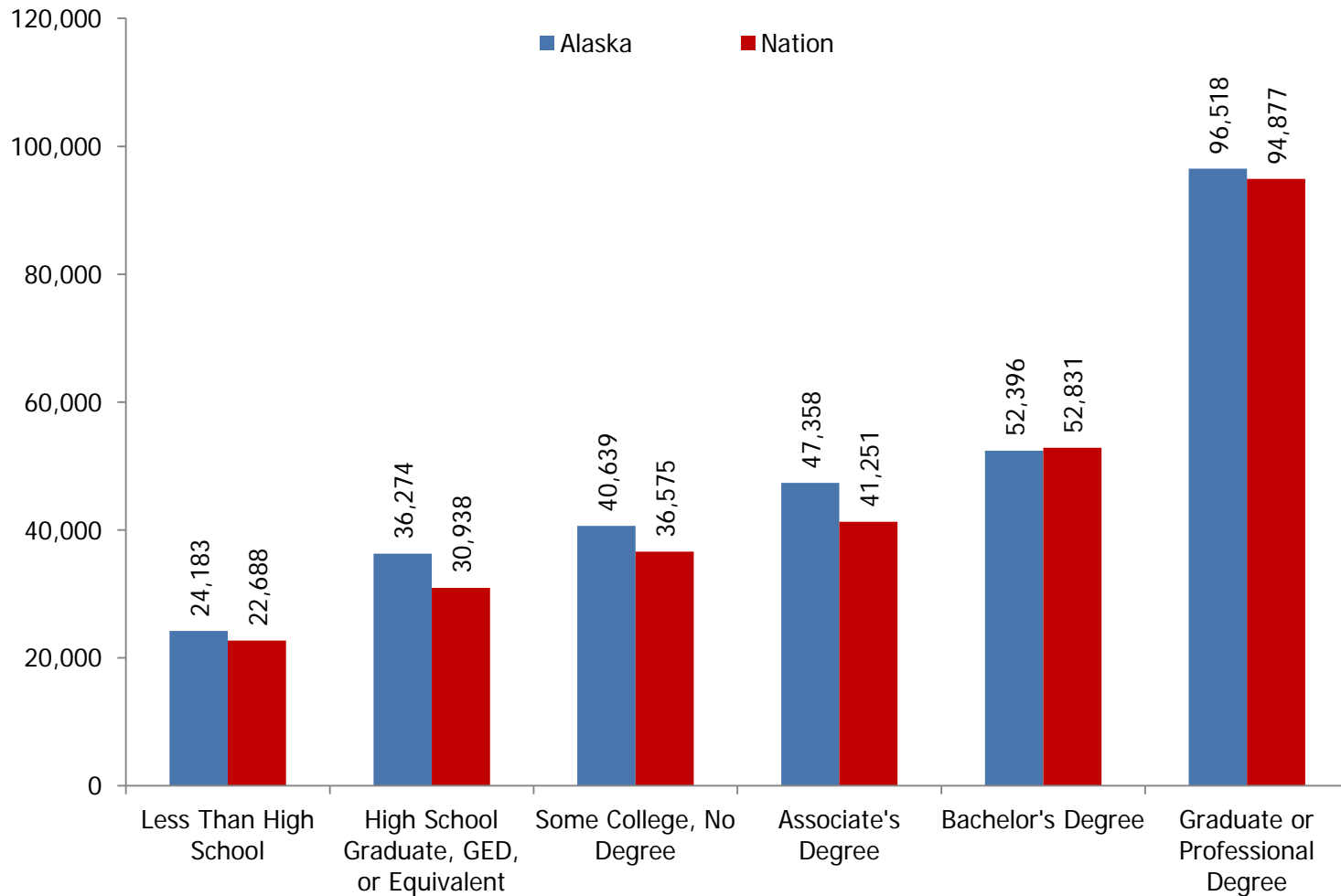
# Personal Income per Capita (2011)



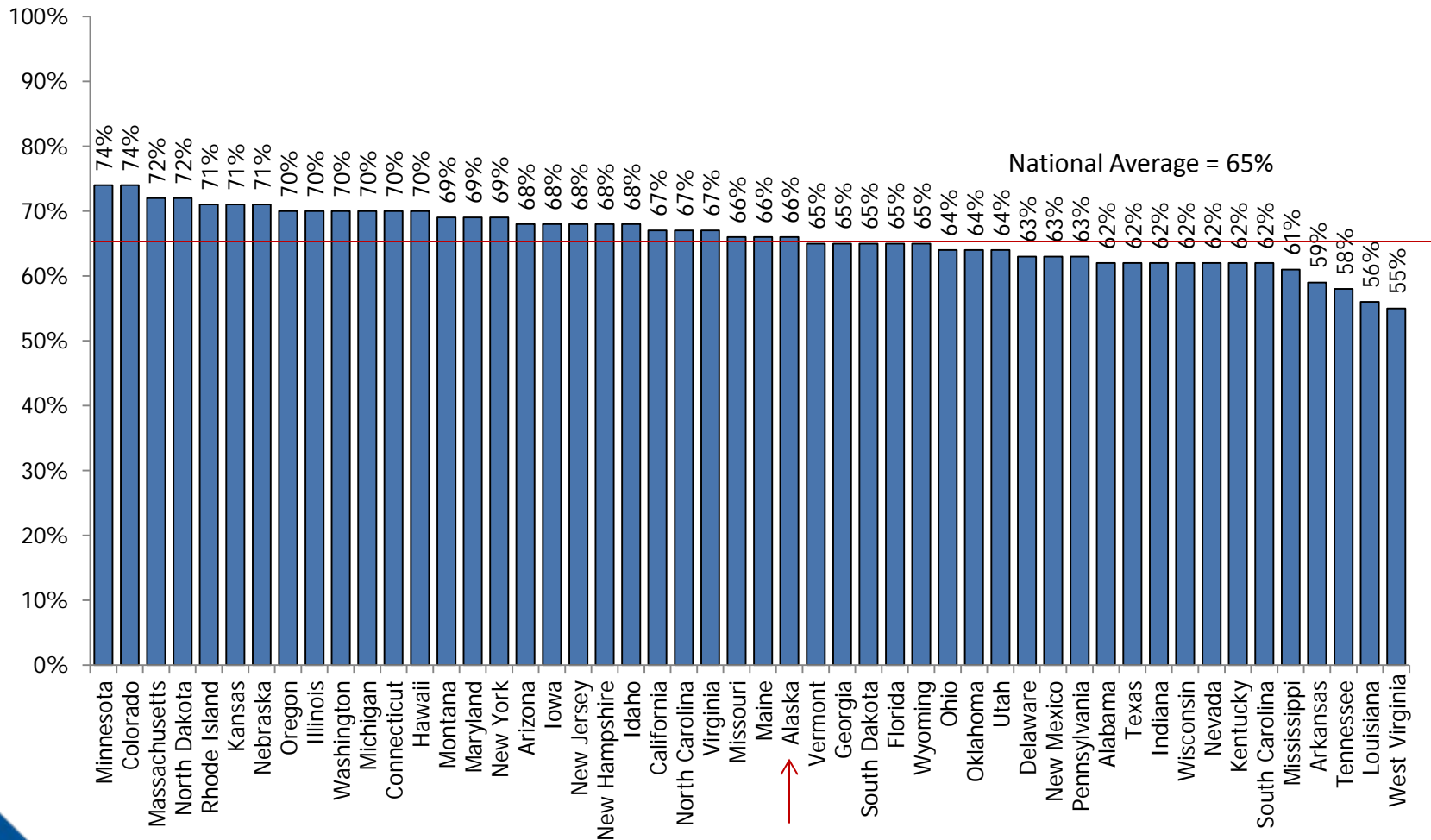
# Alaska Personal Income per Capita as a Percent of the U.S. Average, (1980-2011)



# Median Annual Wages for Employed Workers Aged 25 to 64 – by Level of Education (Kansas, 2010)



# By 2020, 65 Percent of Jobs in the Nation Will Require Postsecondary Education



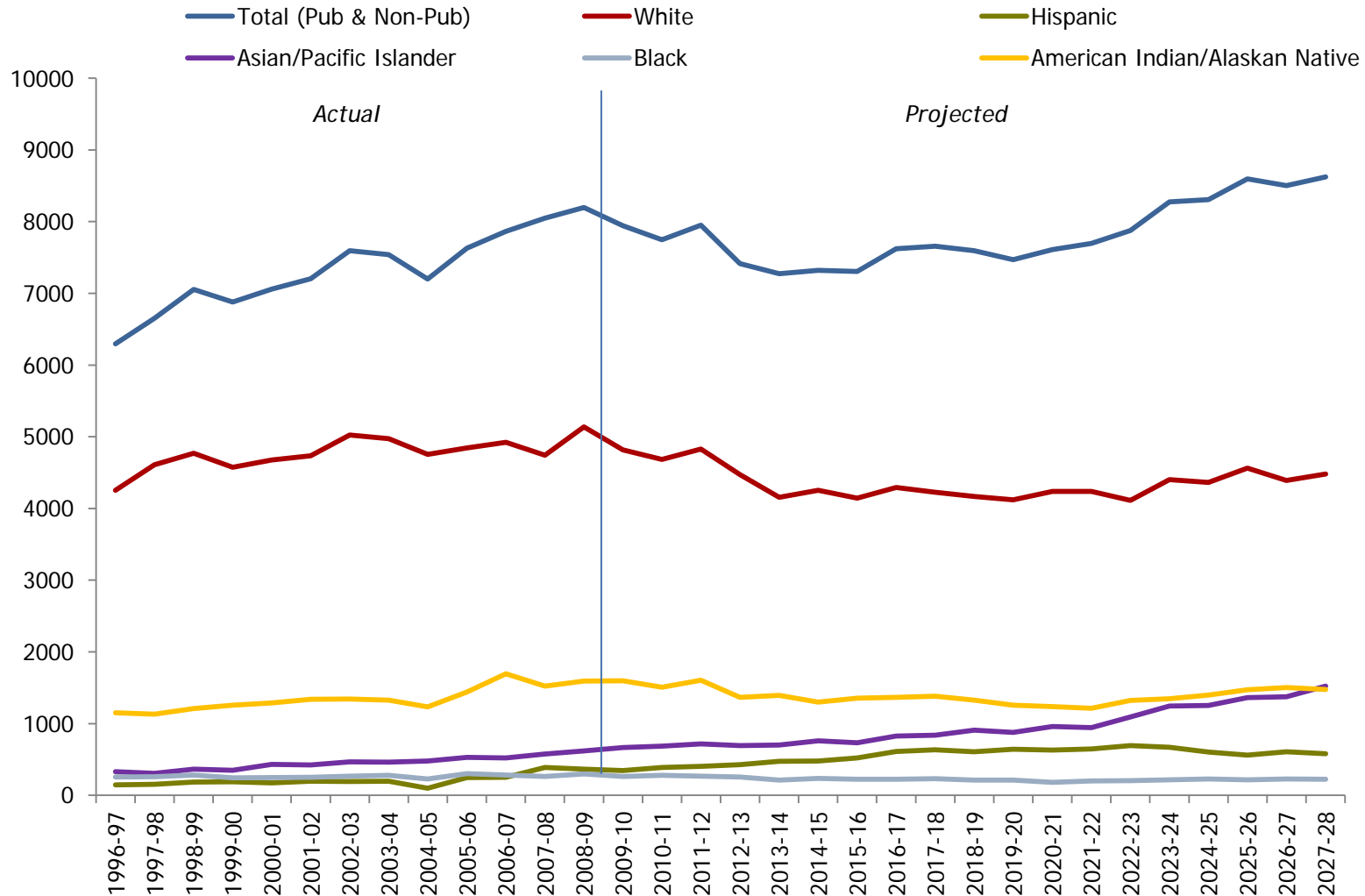
# Alaska Jobs in 2018, by Education Level, Less Current Workers by Degree Level

	Alaska Jobs in 2018*	Current Workers**	Difference
High School Dropouts	25,000	13,708	11,292
High School Graduates	109,000	92,163	16,837
Some college, no degree	100,000	90,910	9,090
Associate's degree	30,000	24,976	5,024
Bachelor's degree	63,000	54,975	8,025
Graduate degree	32,000	36,966	-4,966

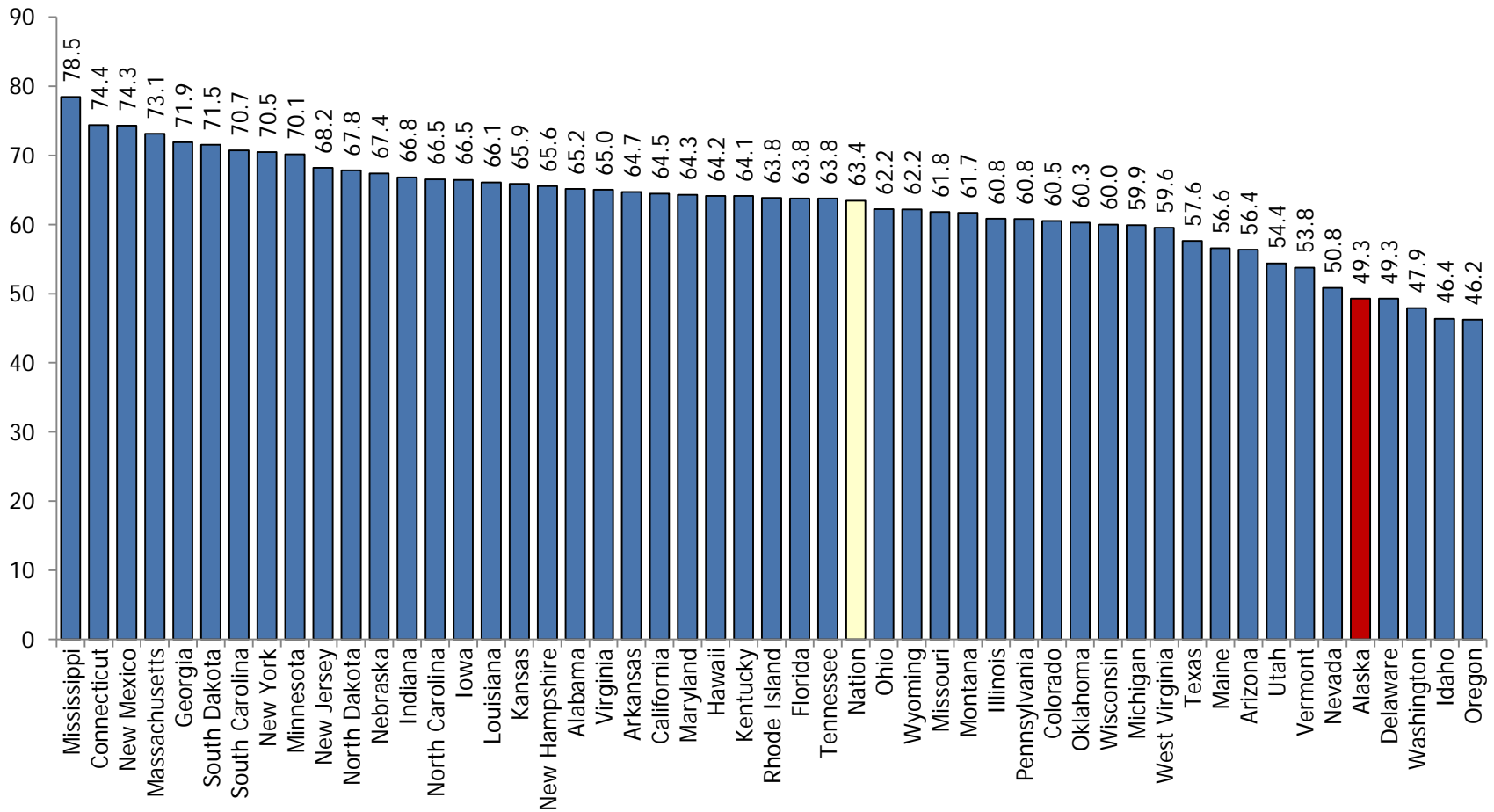
\*Source: Georgetown University Center on Education and the Workforce, Projections of Jobs and Education Requirements through 2018; June 2010

\*\*Source: U.S. Census Bureau, 2010 American Community Survey (ACS) Public Use Microdata Sample (PUMS) File.

# Alaska High School Graduates 1996-97 to 2027-28 (projected)

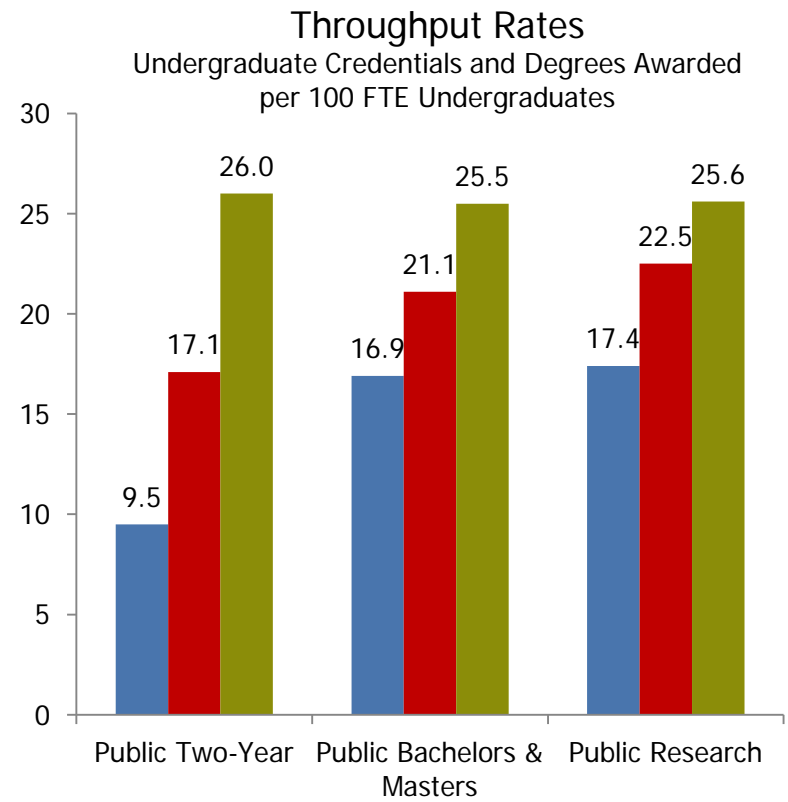
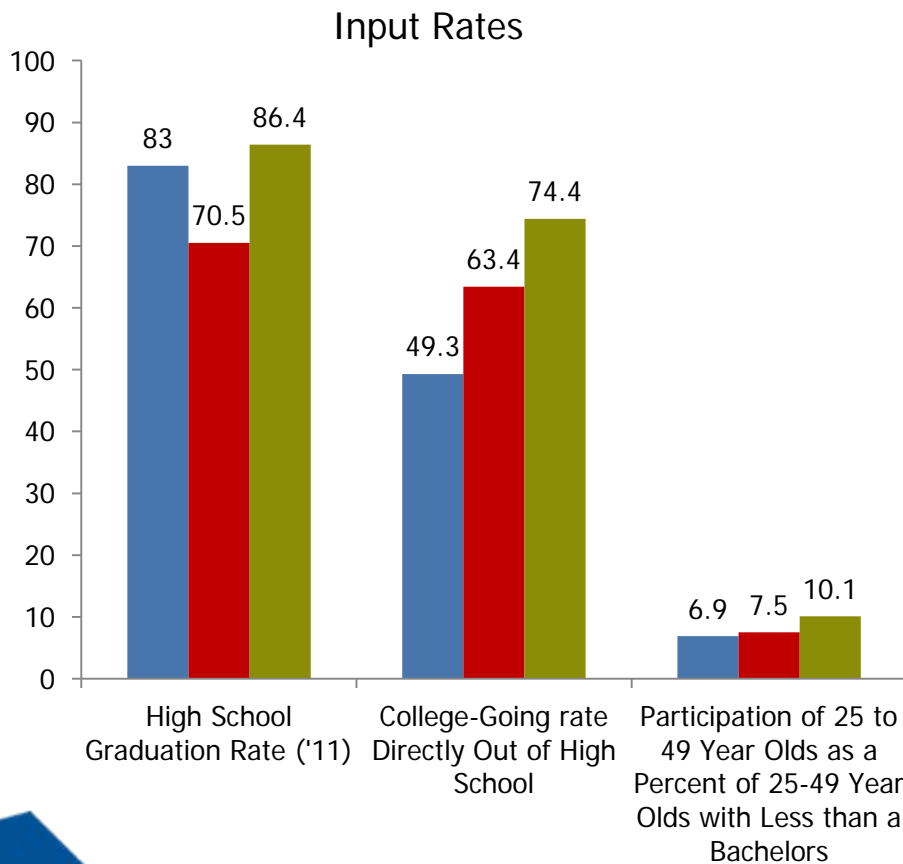


# Percent of High School Students Going Directly to College (Fall 2010)



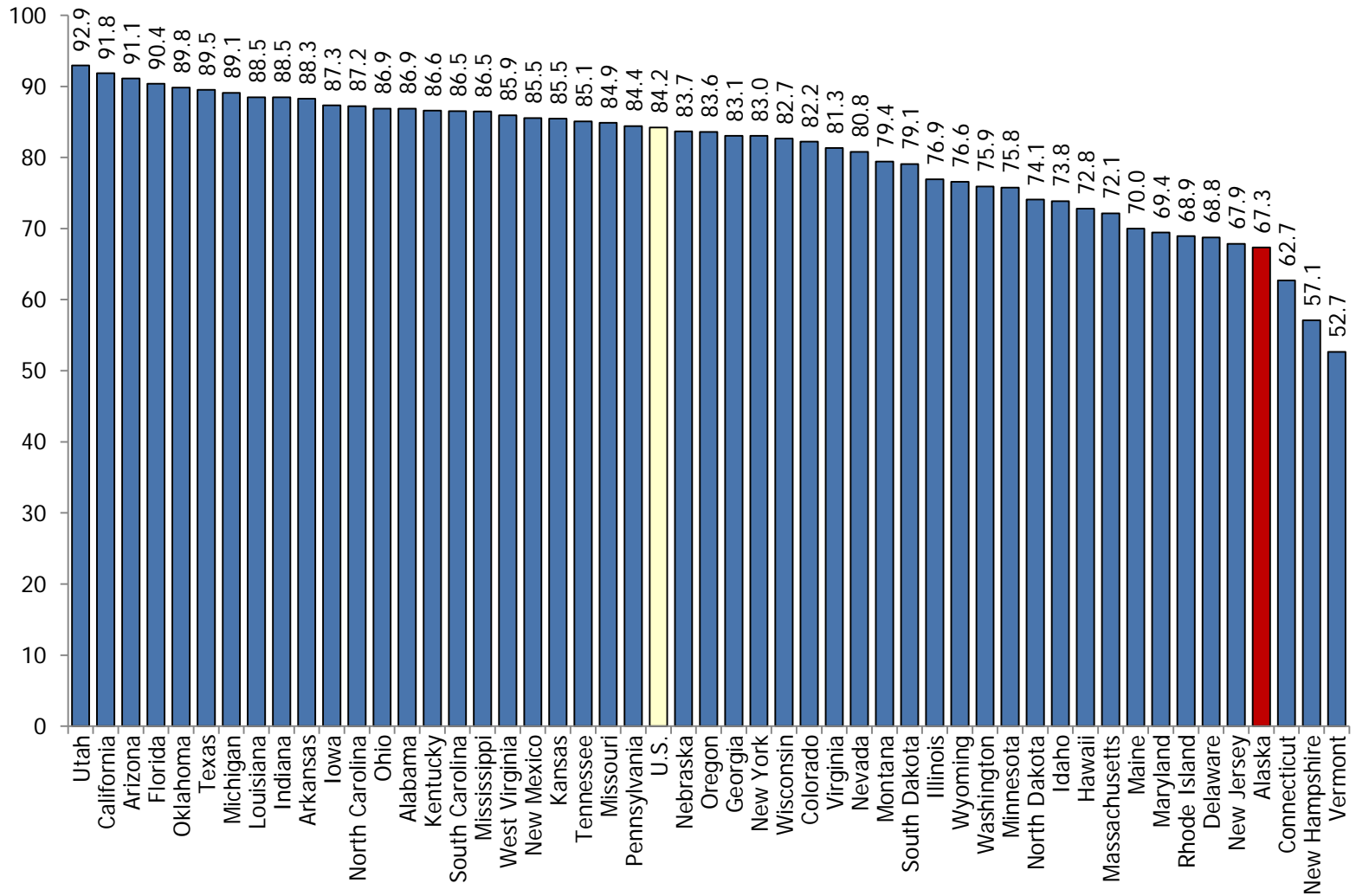
# High School Graduation, College Participation, & Completion (2011-12)

Alaska U.S. Average of Top 5 States

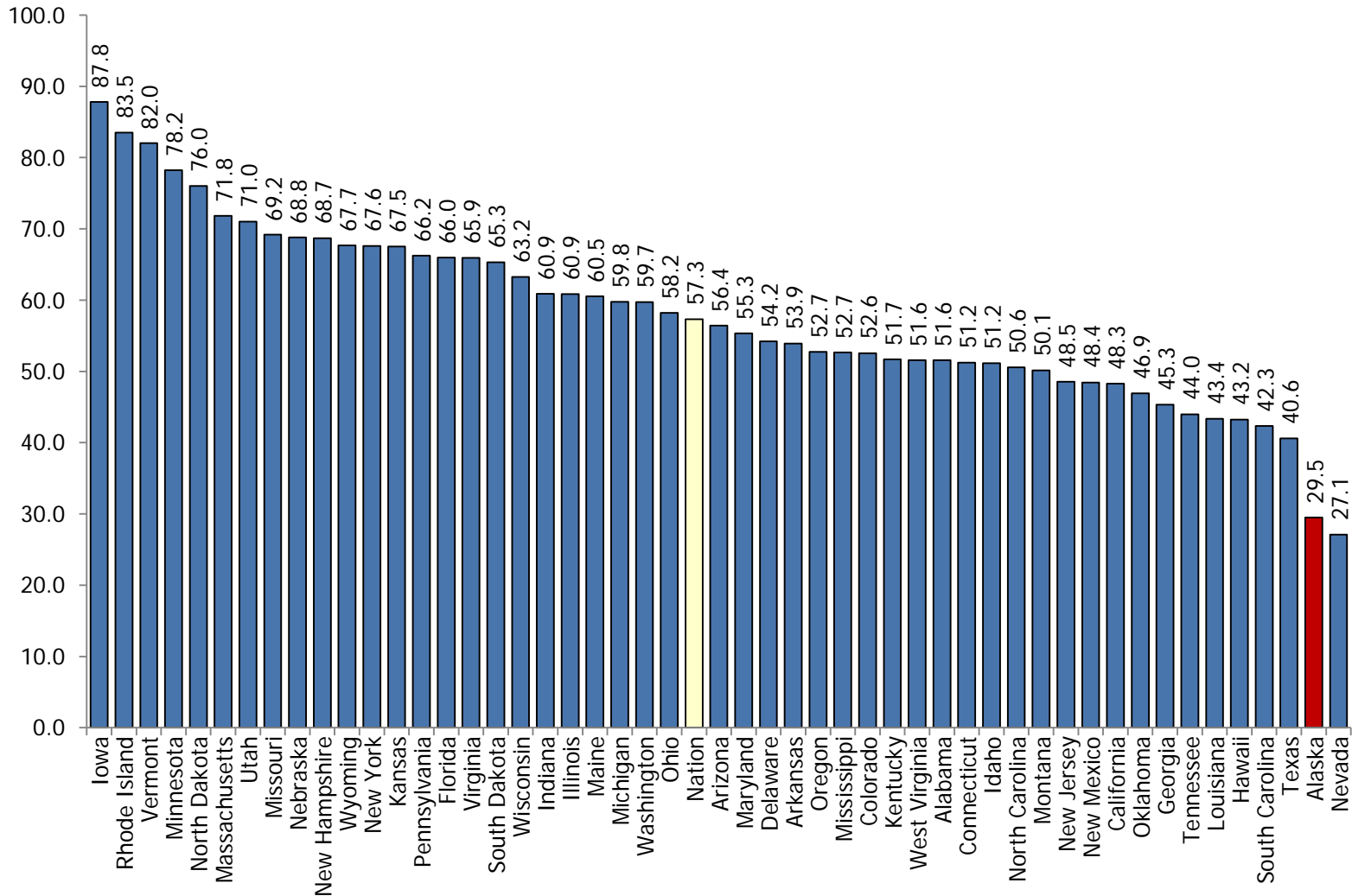




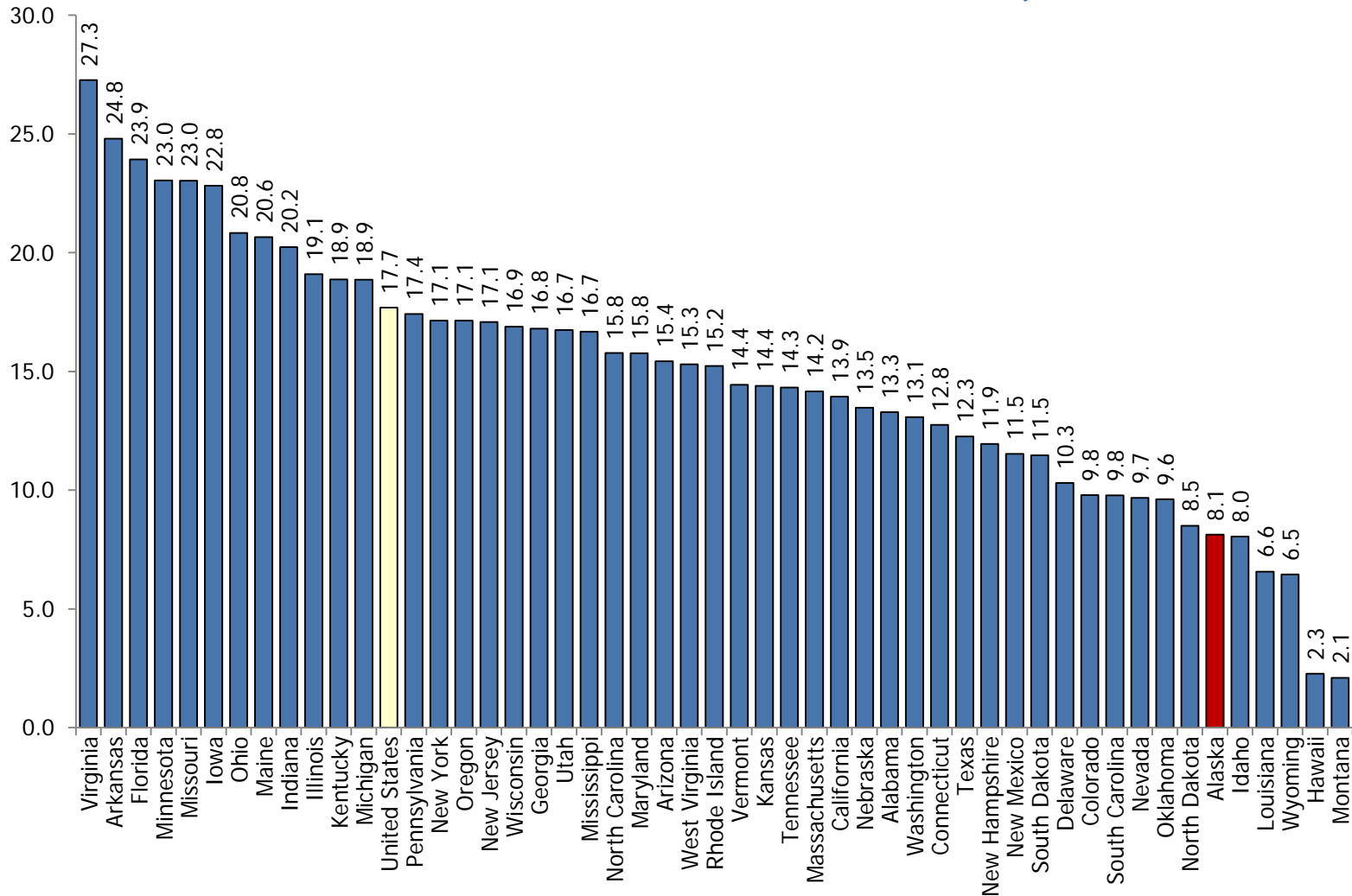
# Percent of First Time Students Enrolled in Home State Institutions



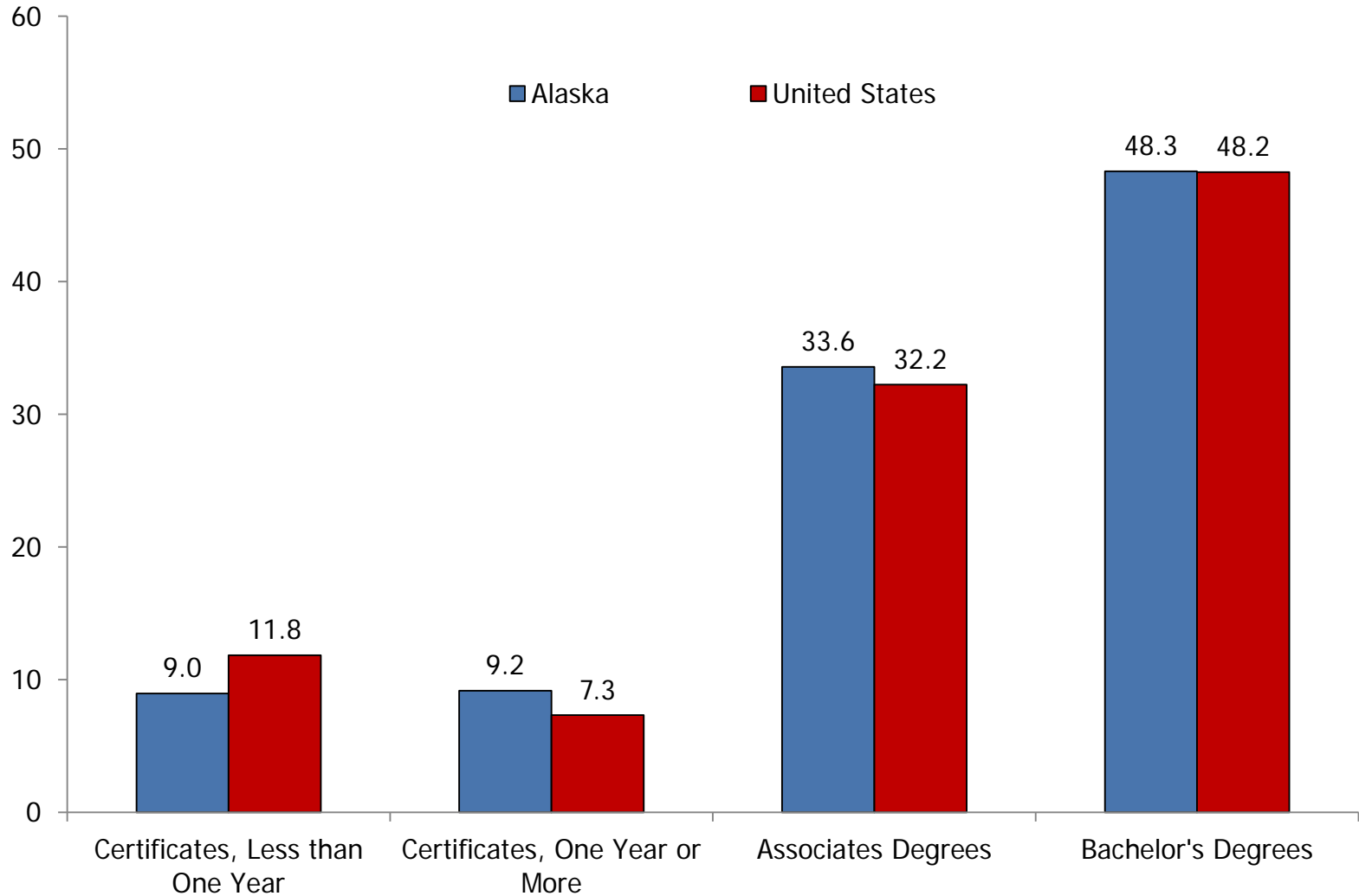
# Undergraduate Credentials Awarded per 1,000 18-34 Year Olds with No College Degree (2011)



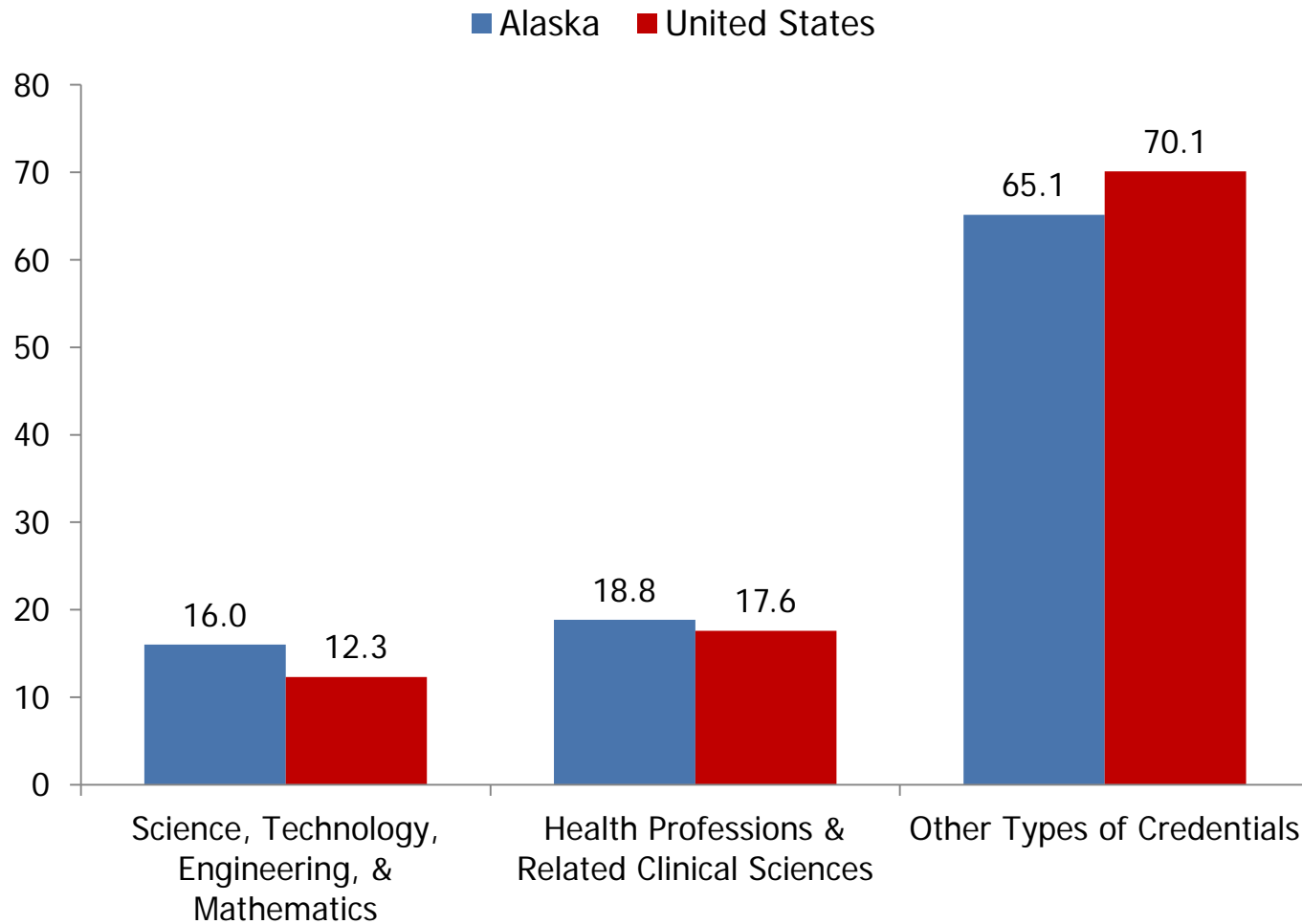
# Percent Change in Undergraduate Credentials Awarded per 1,000 18-34 Year Olds with No College Degree (from 2001 to 2011)



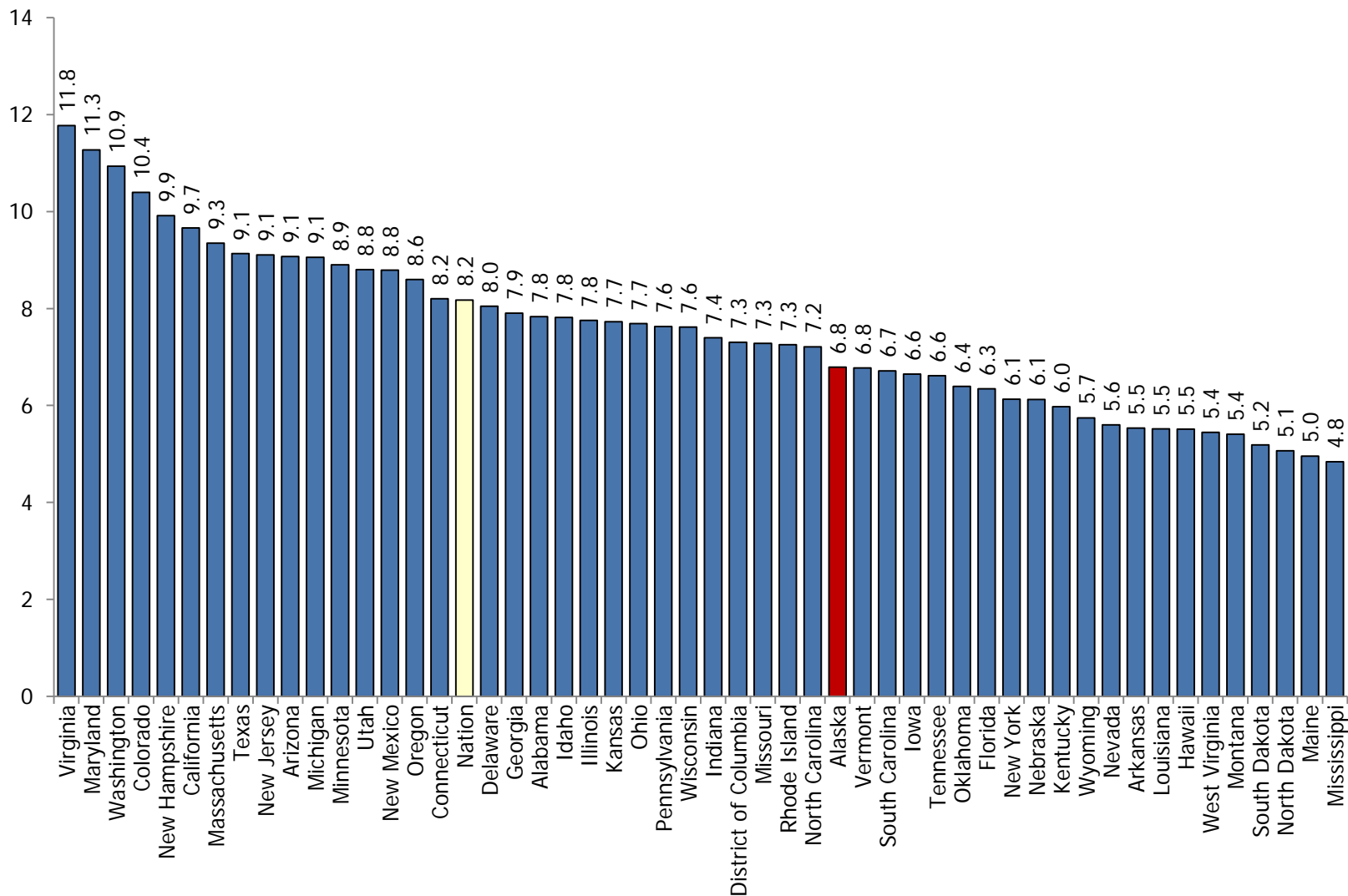
# Proportion (%) of Undergraduate Awards by Level (2011-12)



# Proportion (%) of Undergraduate Credentials Awarded by Type – STEM, Health, and Other (2008-09)



# Average Annual Percent of Adults Age 25-64 with College Degrees Employed in High Tech Occupations, 2008-10

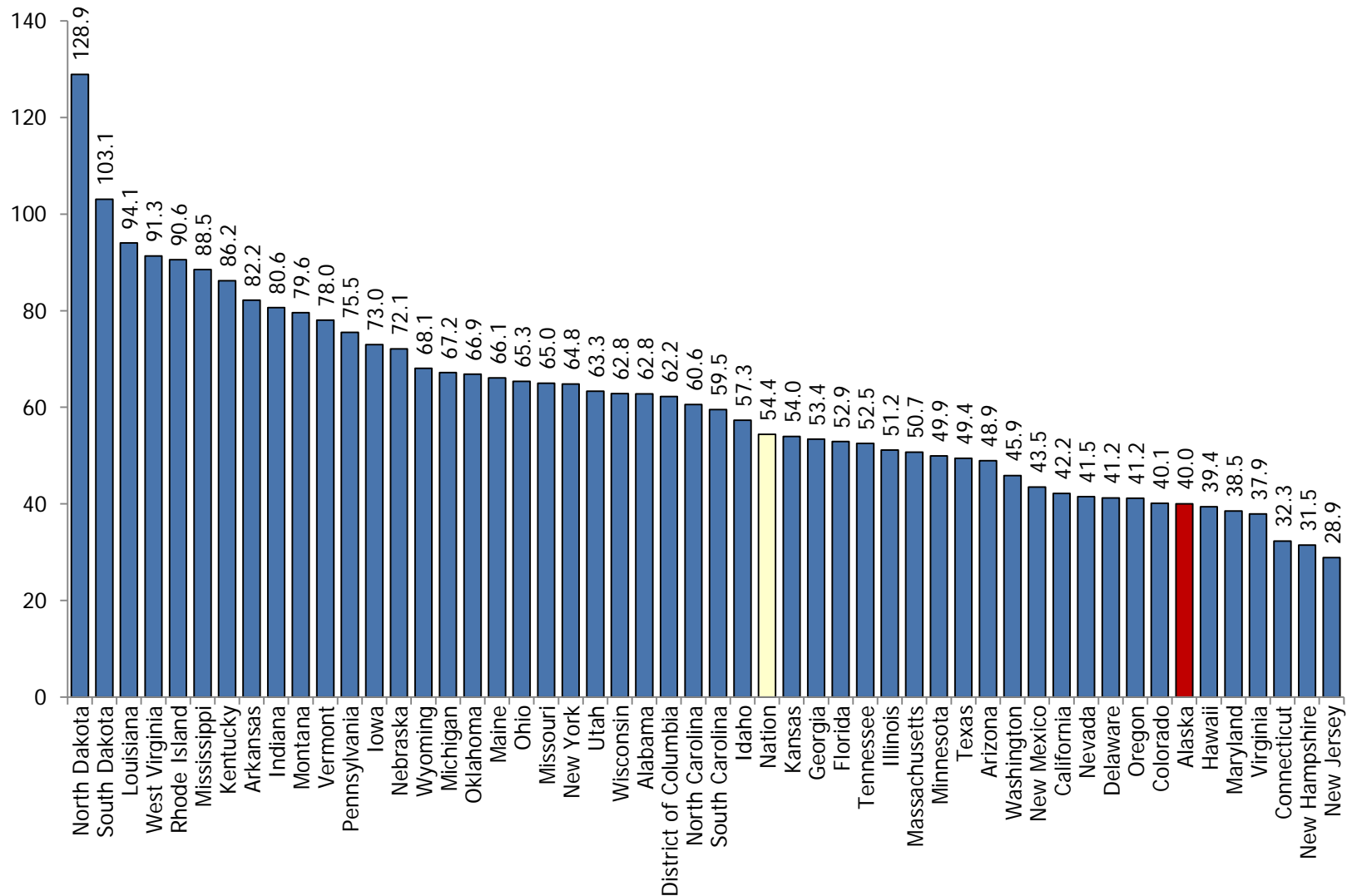


Source: U.S. Census Bureau, 2008-10 American Community Survey Three-Year Public Use Microdata Sample File.

NCES, IPEDS 2009-10 Completions File; c2010\_a Final Release Data File.

Note: Awards for Arizona, Colorado, Iowa, and West Virginia reduced to reflect private for-profit production primarily serving out-of-state students online.

# Undergraduate STEM Credentials Awarded per 1,000 STEM Employees, 2008-10

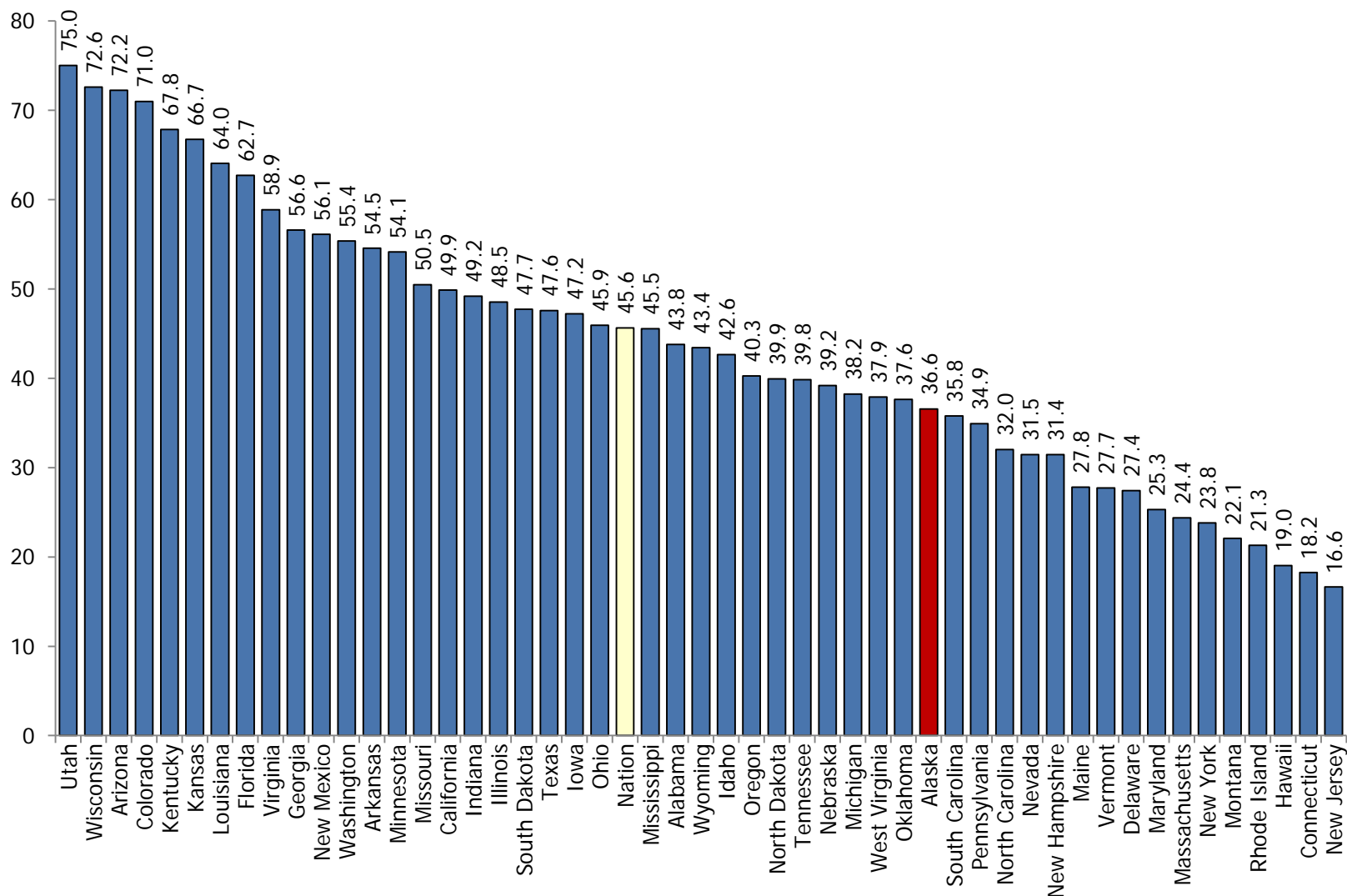


Source: U.S. Census Bureau, 2008-10 American Community Survey Three-Year Public Use Microdata Sample File.

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Note: Awards for Arizona, Colorado, Iowa, and West Virginia reduced to reflect private for-profit production primarily serving out-of-state students online.

# Undergraduate Health Credentials Awarded per 1,000 Health Employees, 2008-10



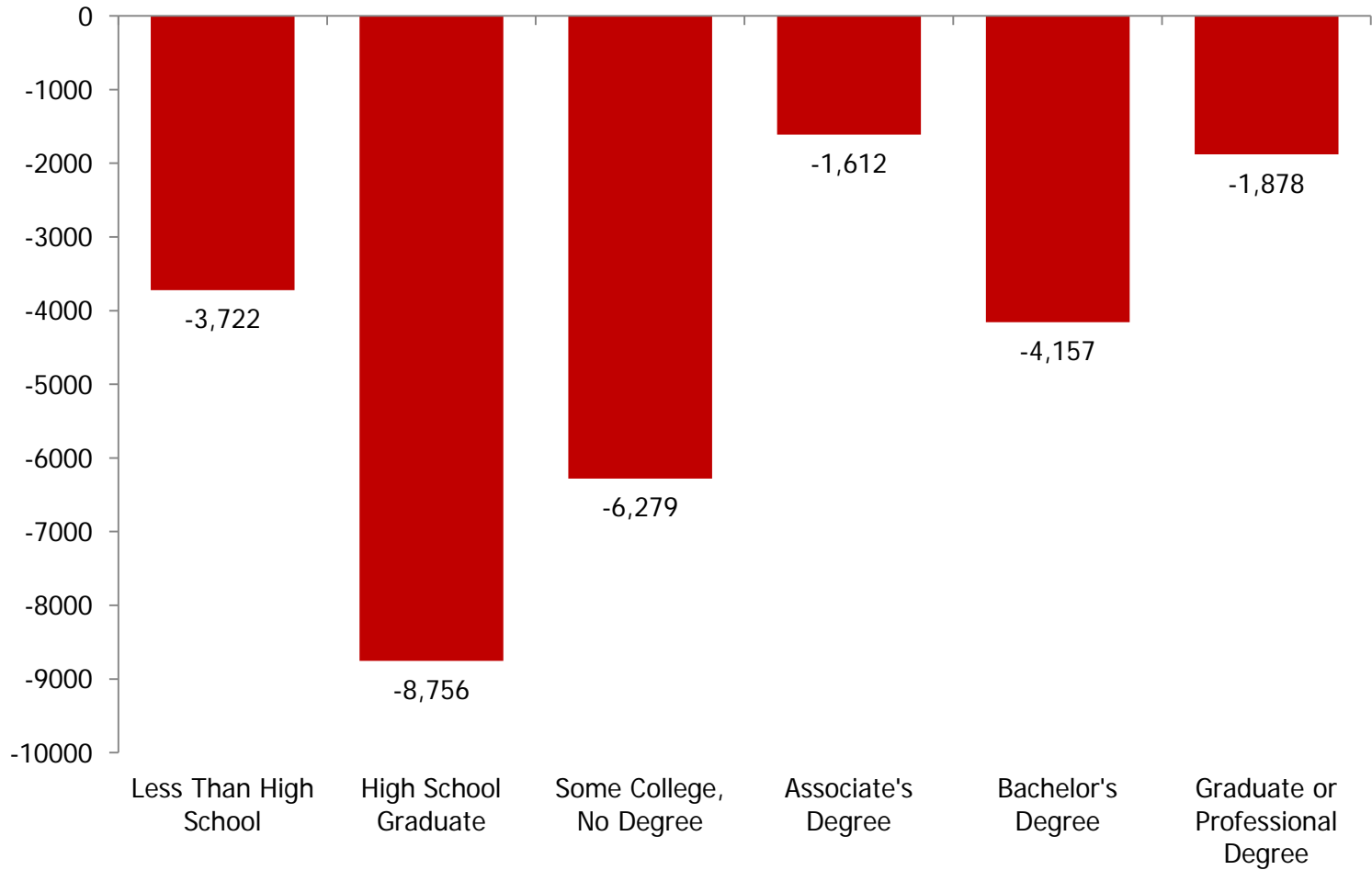
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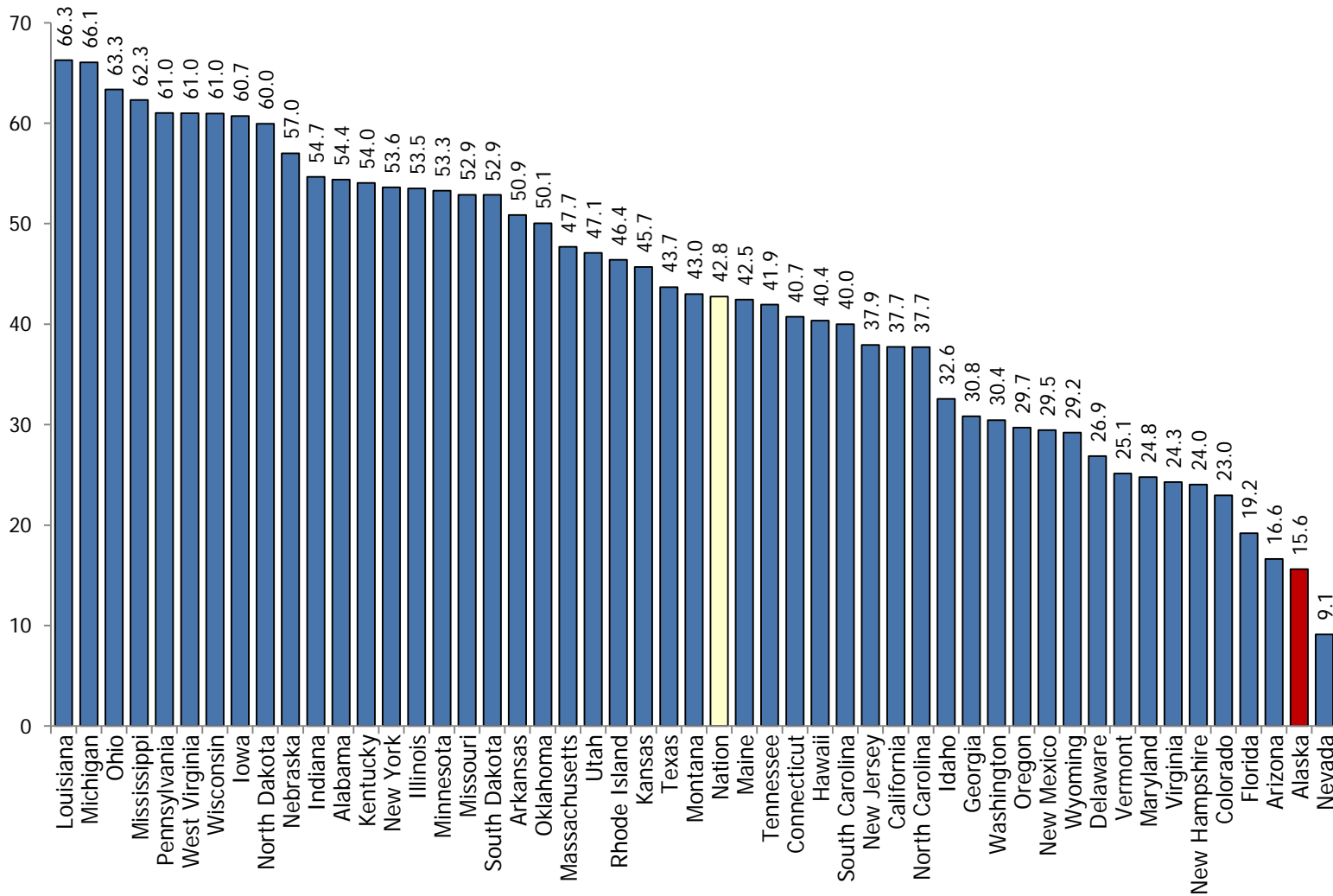
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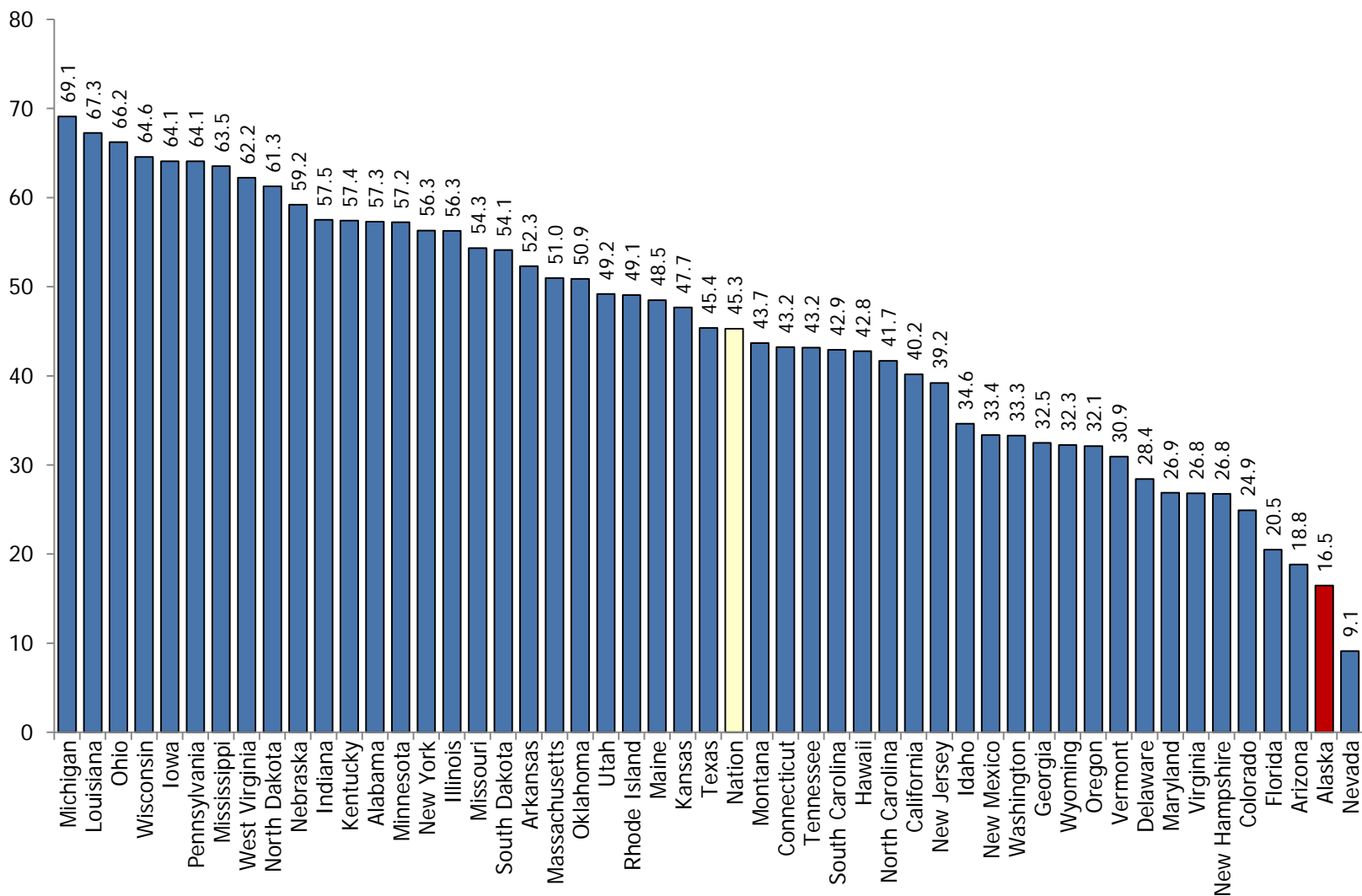
# Average Annual Net Migration of 22 to 64 Year Olds by Education Level, Alaska 2009-11



# Percent of Residents Aged 25-64 with a Bachelor's Degree or Higher Born In-State, 2010

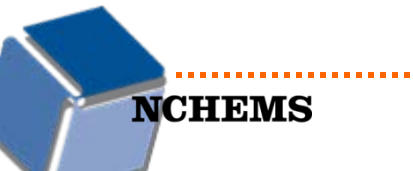
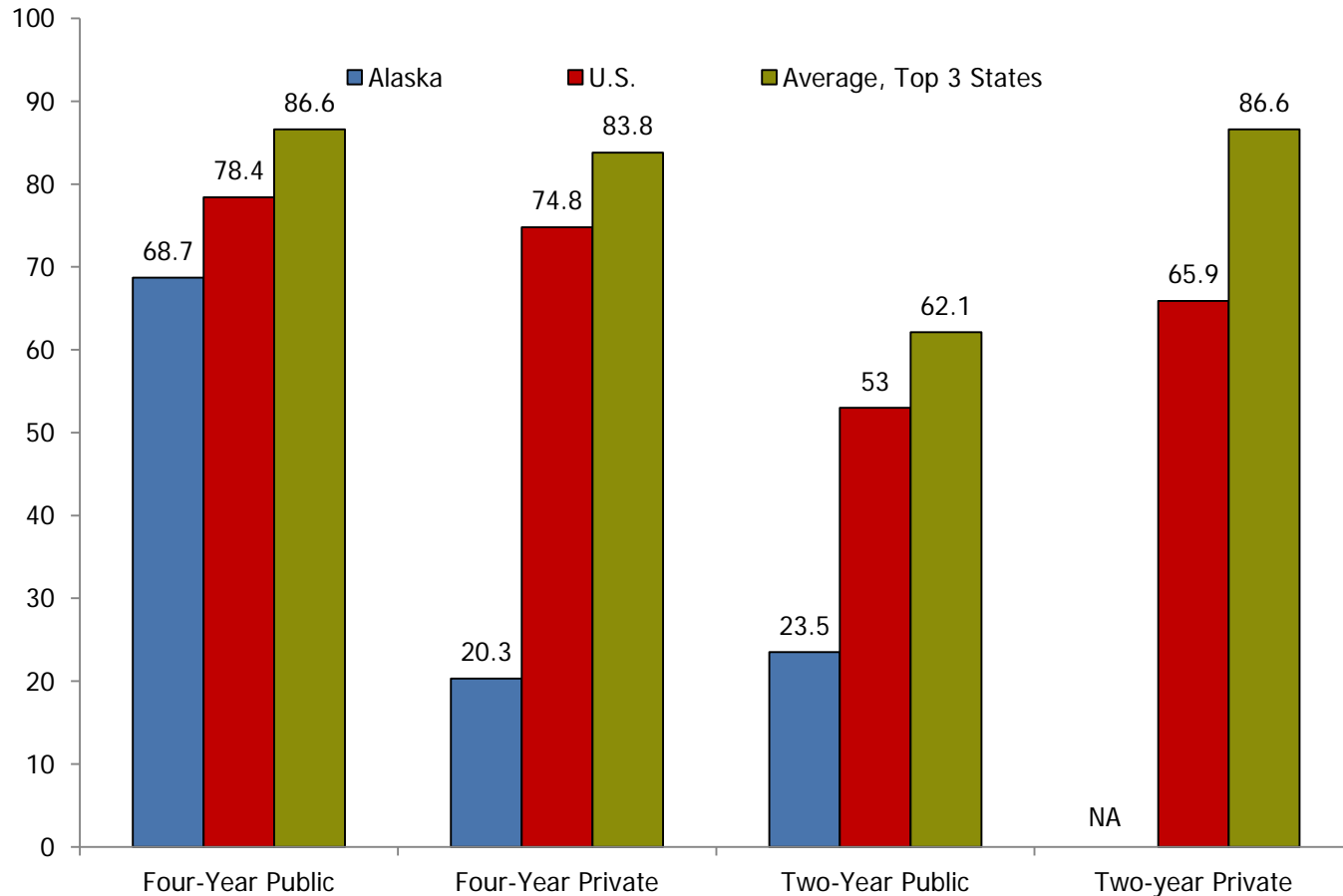


# Percent of Residents Aged 25-64 with an Associates Degree or Higher Born In-State, 2010



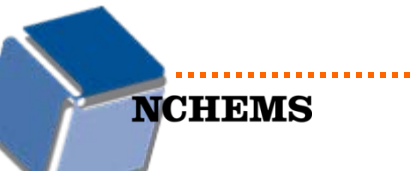
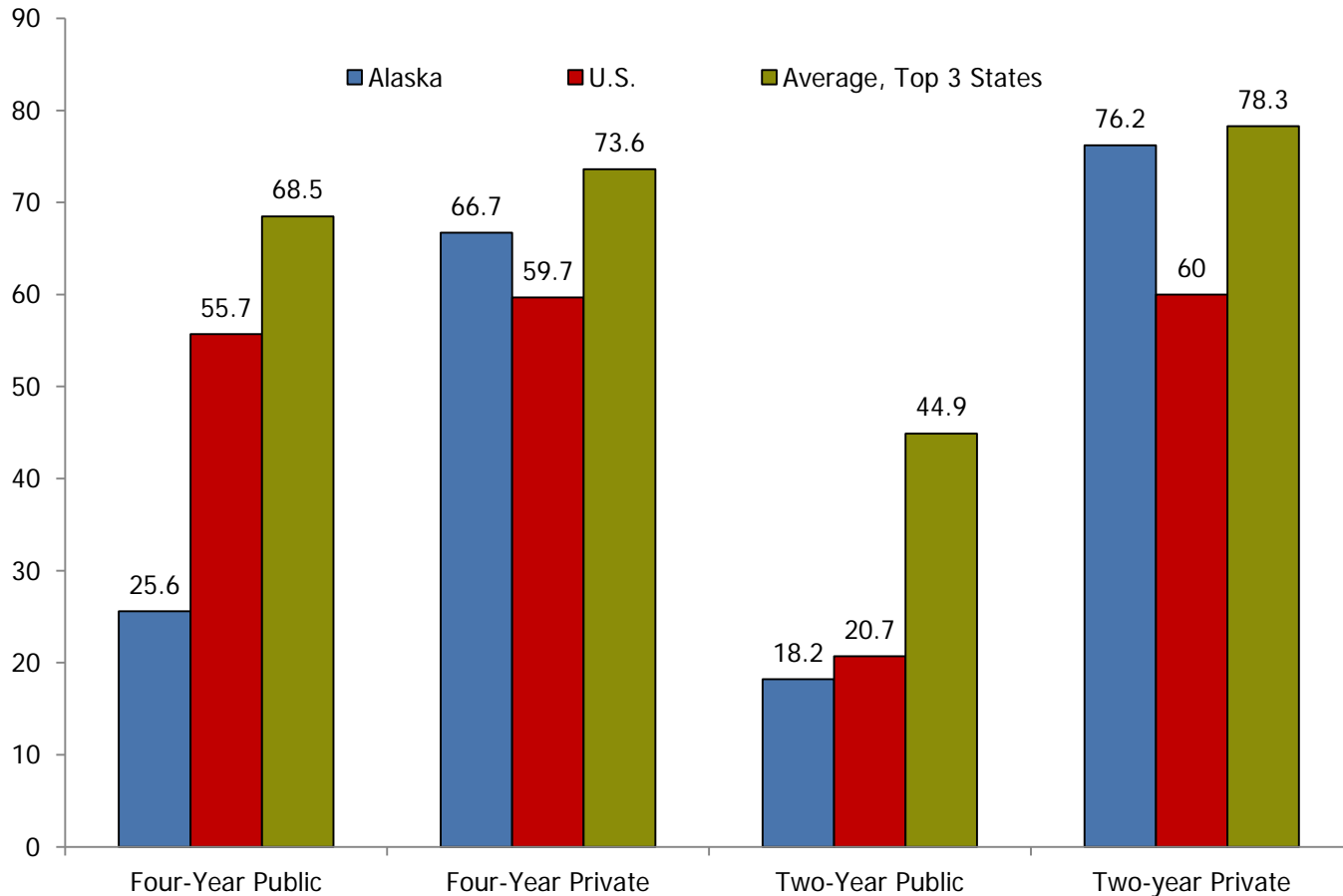
# Retention Rates, 2010

Percent of Students Who Re-enroll from First to Second Year



# Graduation Rates, 2011

within 3-years for Two Year schools, 6-years for Four Year schools



Completers of any Award Within 150% of Normal Program Time, Fall 2005 Cohort (4-Year Institutions) and Fall 2008 Cohort (2-Year Institutions).

Source: NCES, IPEDS 2010-11 Graduation Rate File; gr2011 Final Release Data File Downloaded 05-29-13.

For More Information Contact:

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