

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



Prepared for
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NCHEMS

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Foresight 2020 Goals

- Increase, to 60 percent, the number of Kansas Adults who have a certificate, credential, Associate's Degree, or Bachelor's Degree by 2020
- Achieve a ten percent point increase in retention and graduation rates

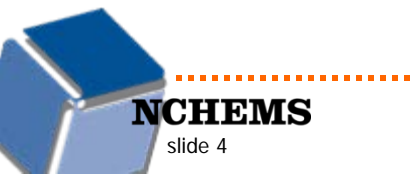
Thirty-Eight States Have Adopted Goals Regarding Increases in Either Education Attainment or Degree Production

- 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

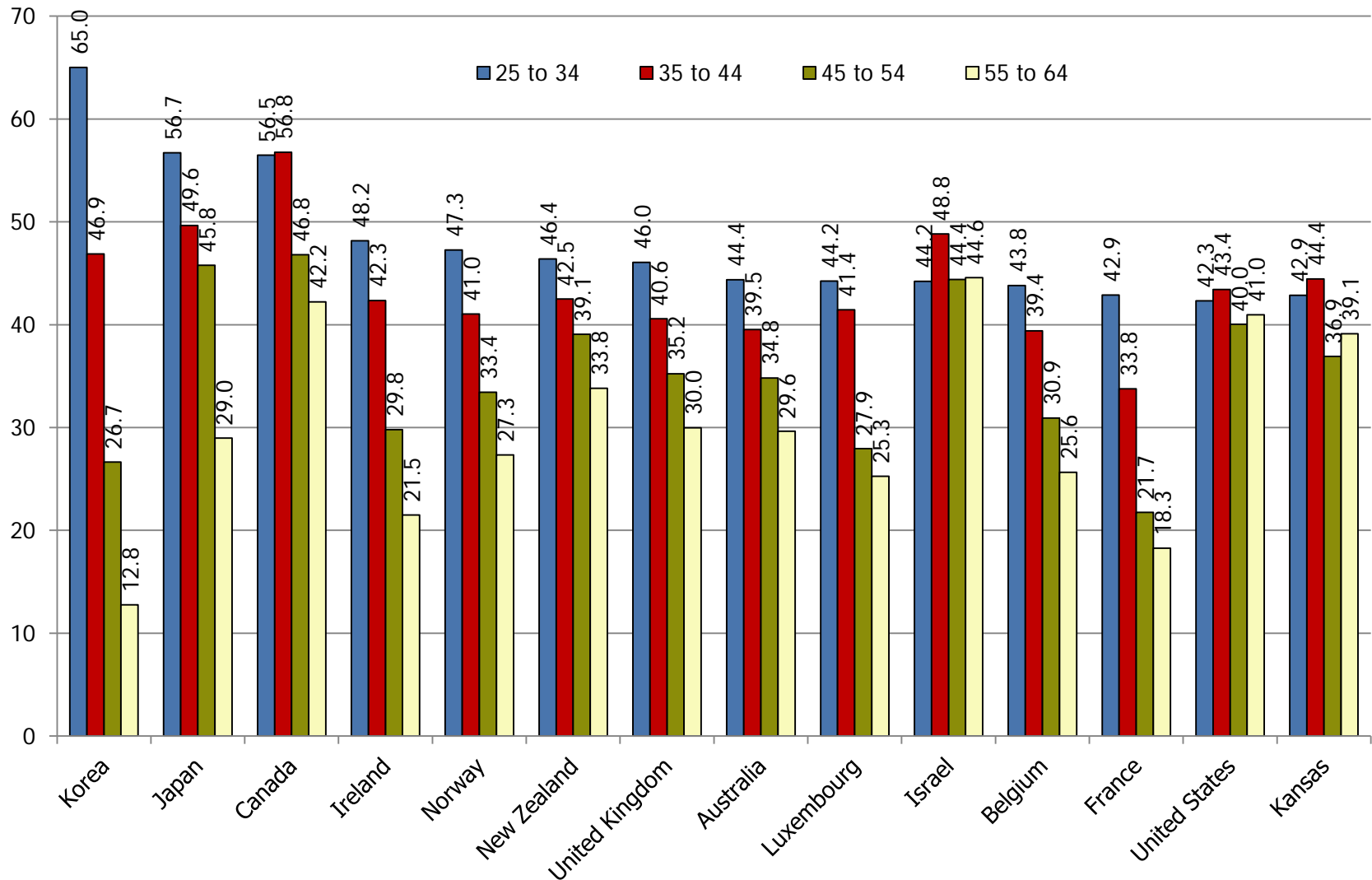
The Kansas goal is among the most aggressive.

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)

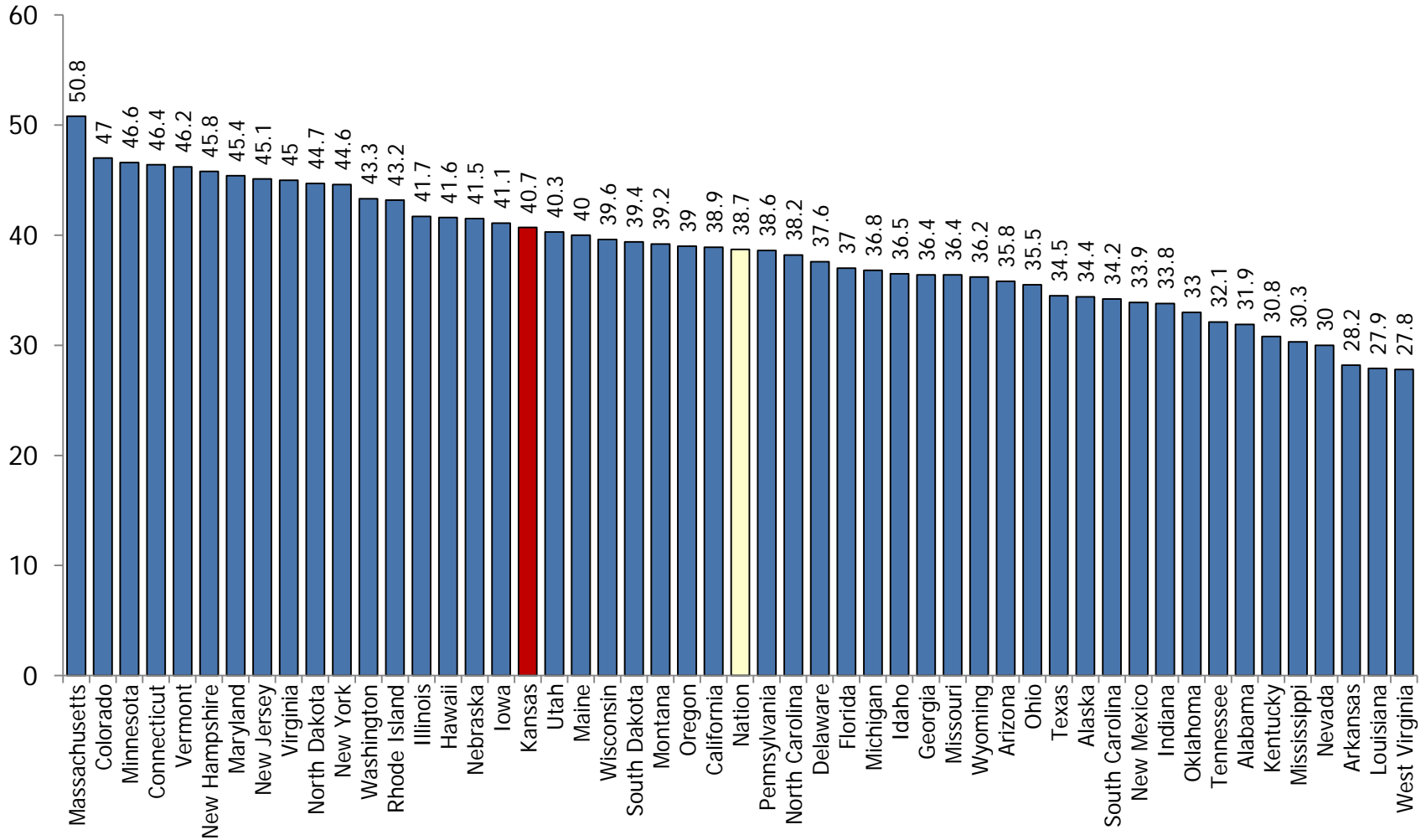


Percent of Adults with an Associate Degree or Higher by Age Group – Kansas, U.S. & Leading OECD Countries, 2010

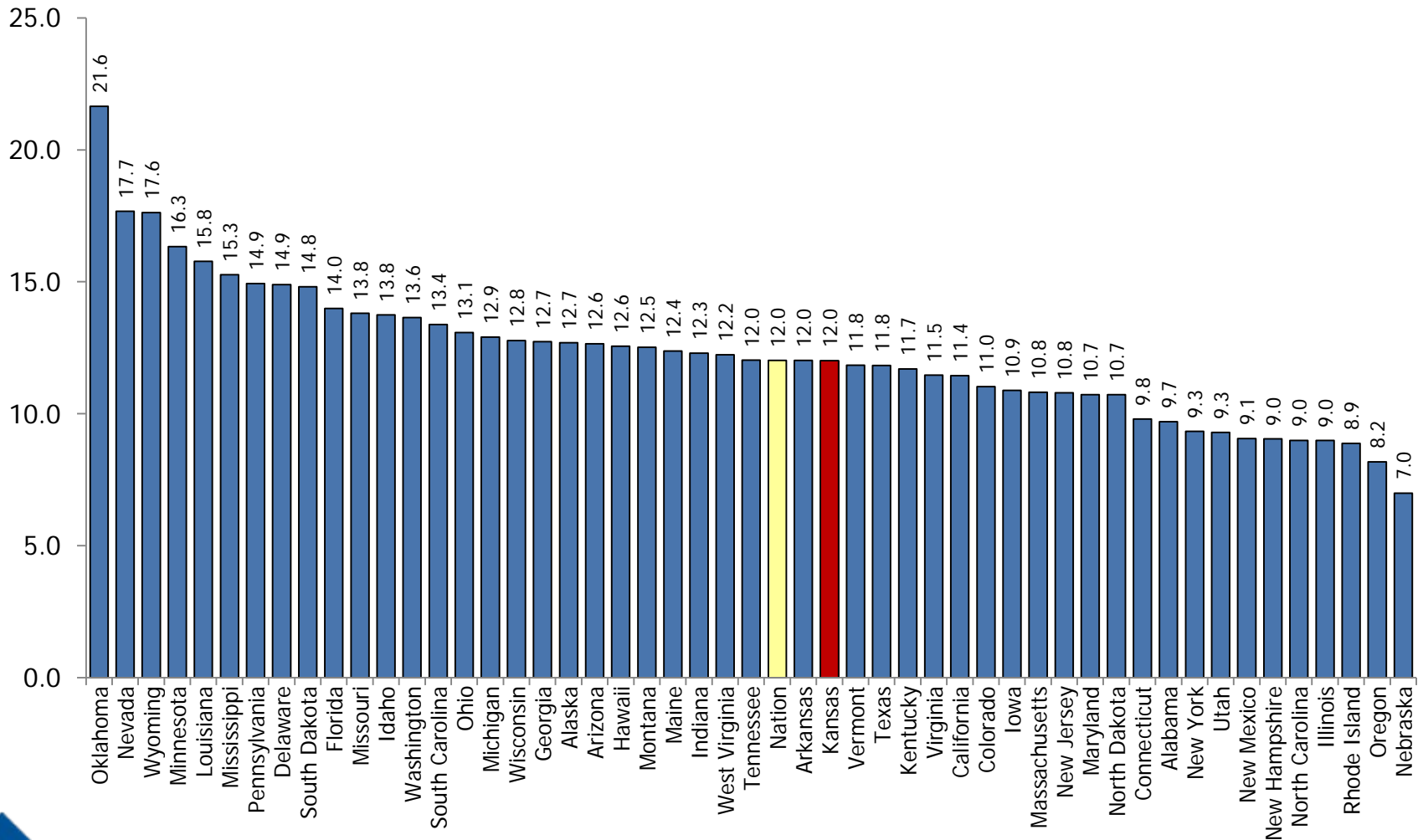


Source: OECD, Education at a Glance 2012, U.S. Census Bureau, 2010 American Community Survey One-Year Public Use Microdata Sample File

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

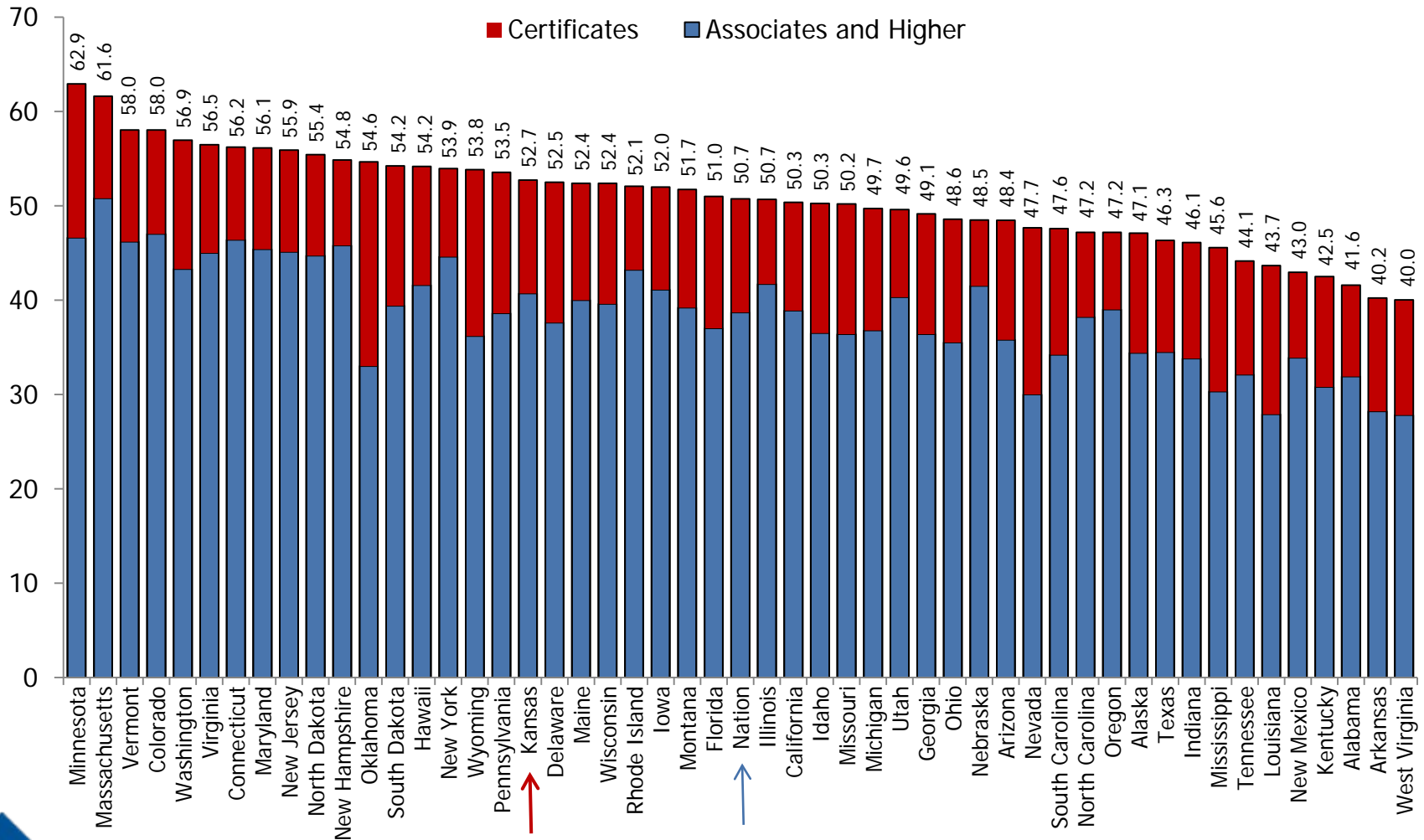


Percent of 25-64 Year Olds with Certificates, 2011

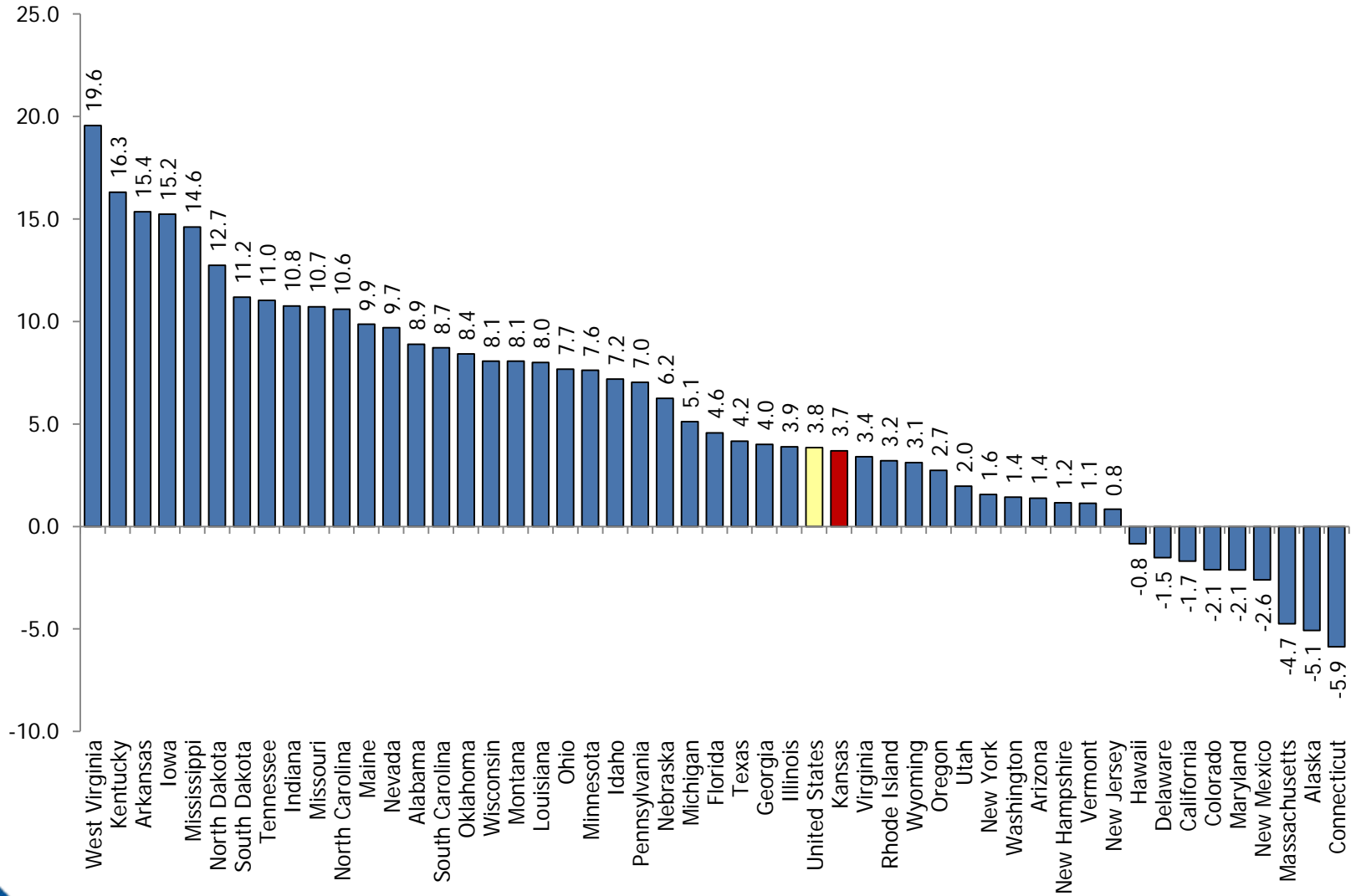


Source: U.S. Census Bureau, 2008 SIPP Survey of Income and Program Participation

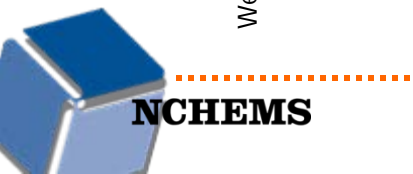
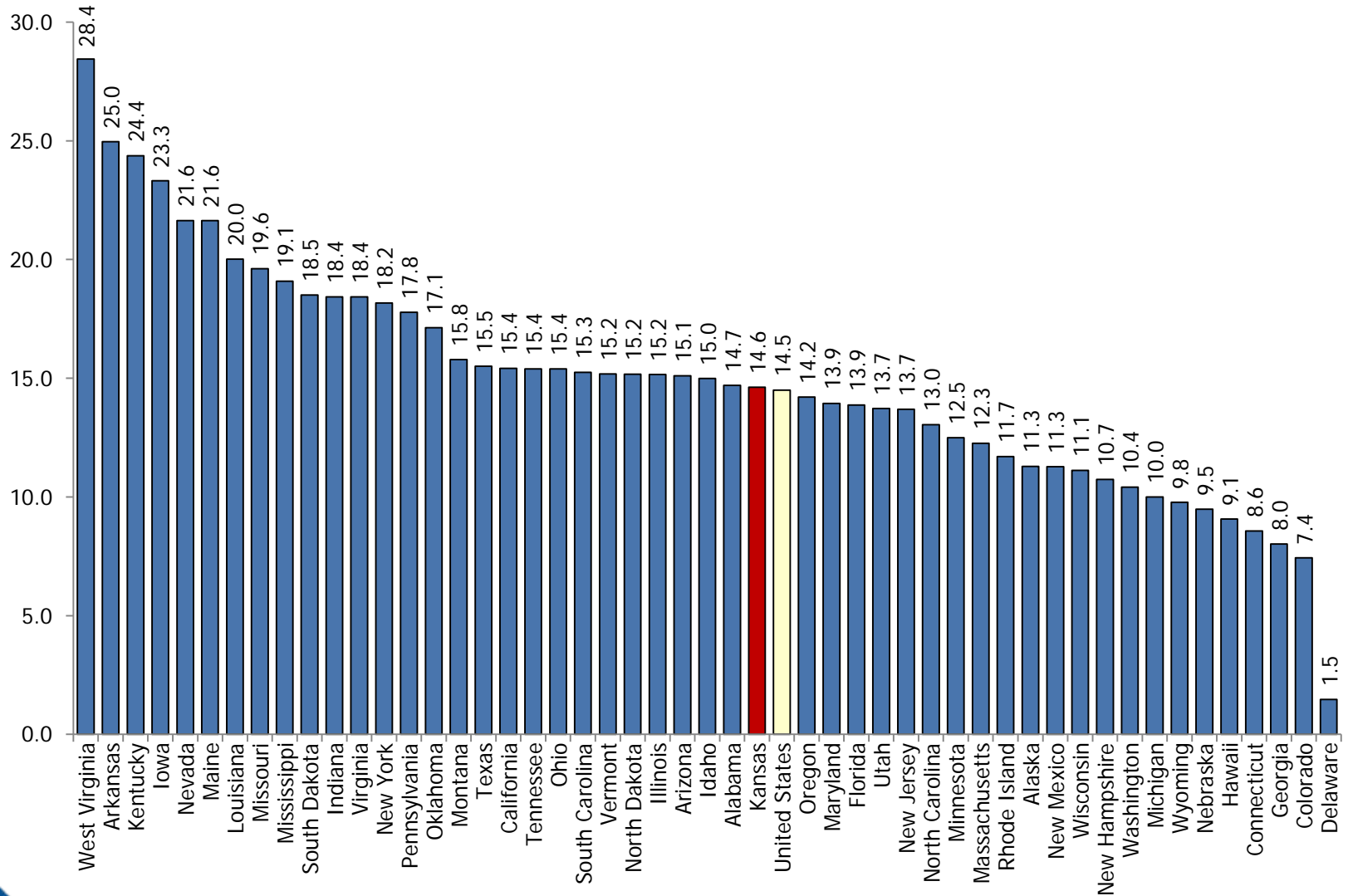
Percent of 25-64 Year Olds with College Degrees – Associate and Higher, Certificates and Total, 2011



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

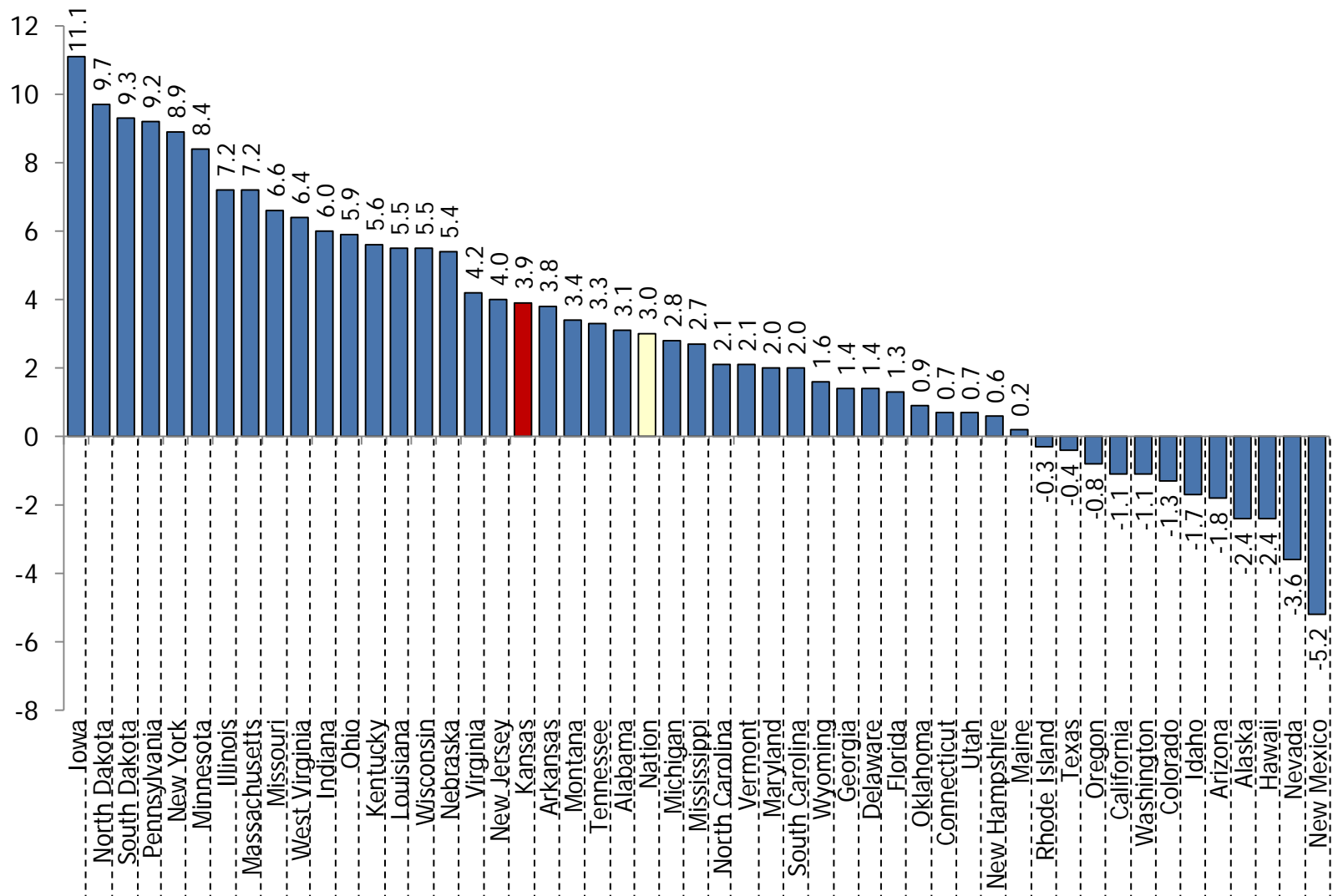


Change in College Attainment from 2000 to 2011 by State – 25 to 34 Year Olds

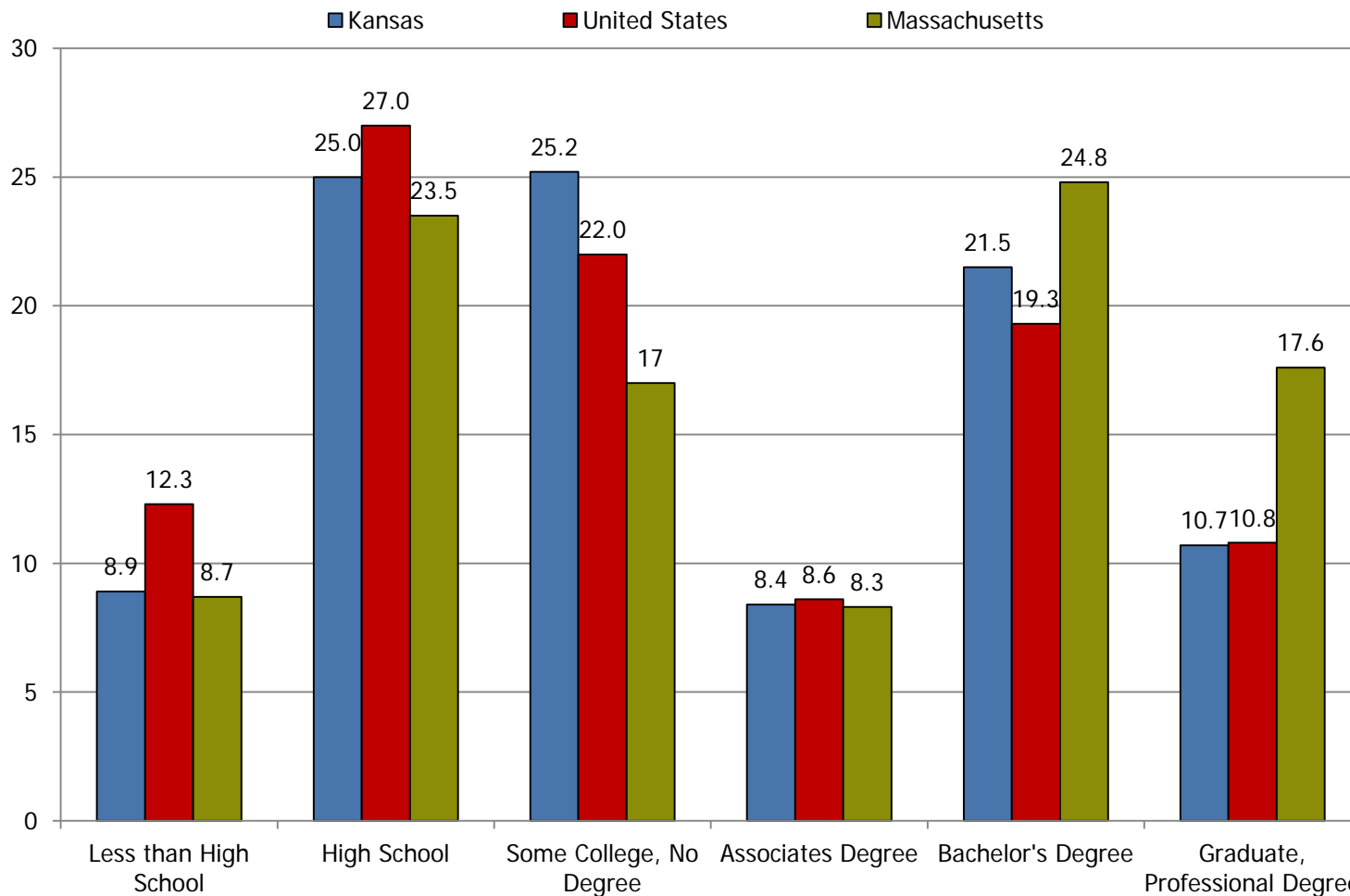


Sources: U.S. Census Bureau, Decennial Census and American Community Survey

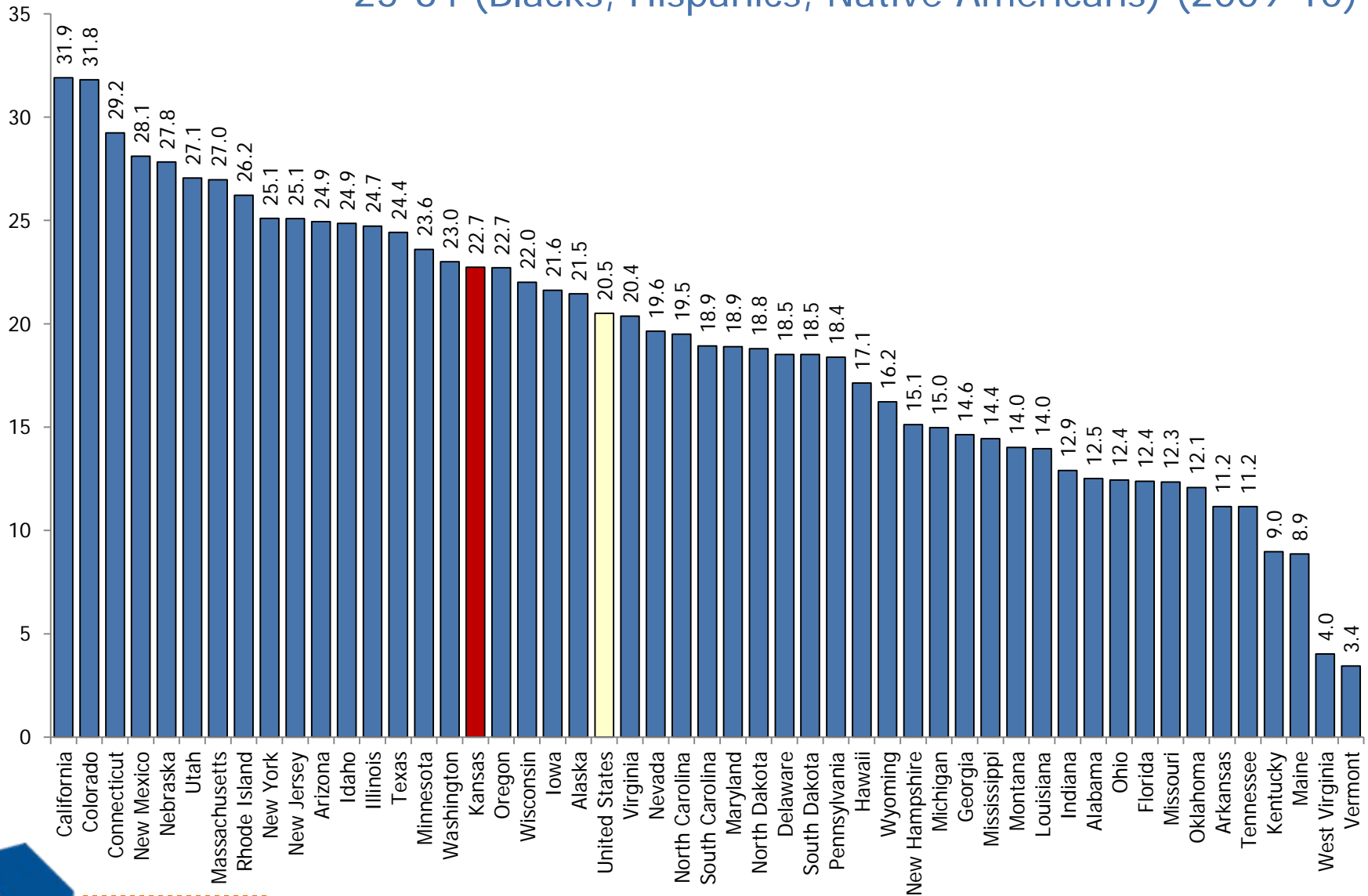
Difference in College Attainment between Young Adults (25-34) and Older Adults (45-64), 2011



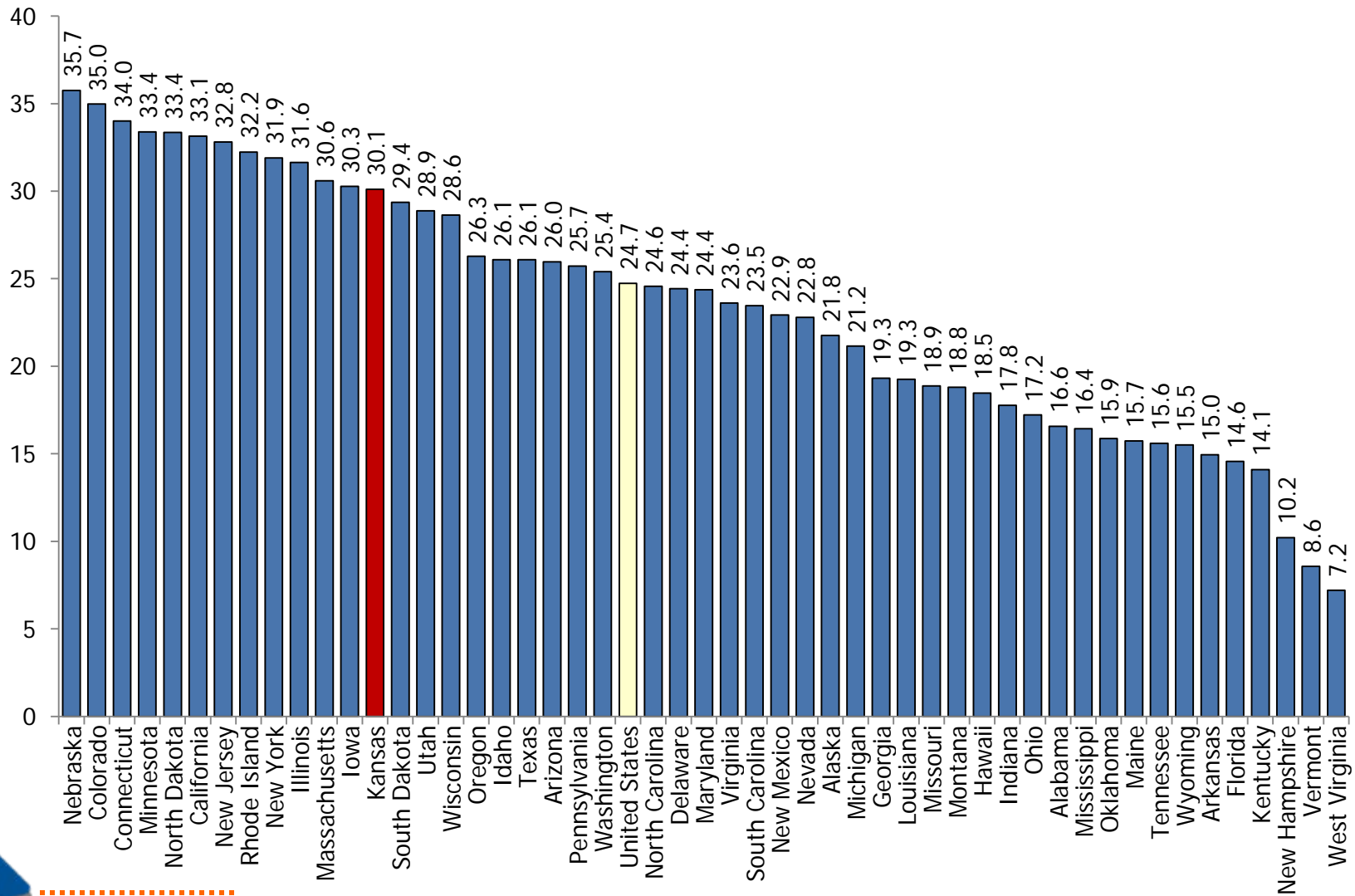
Educational Attainment of Working Aged Adults, Ages 25-64 – Kansas, U.S., and Most Educated State, 2011



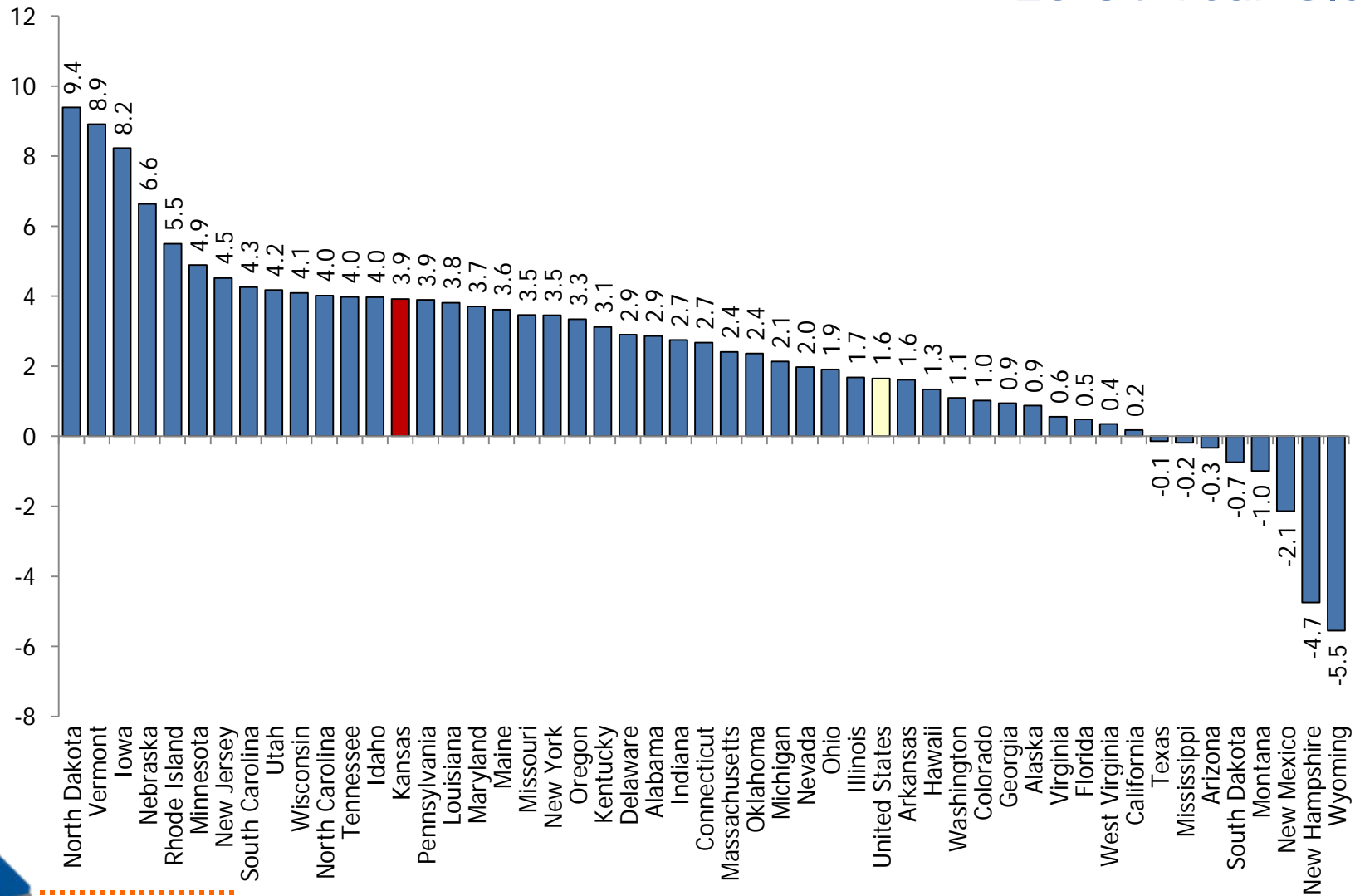
Difference in College Attainment Between Whites and Minorities Ages 25-64 (Blacks, Hispanics, Native Americans) (2009-10)



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

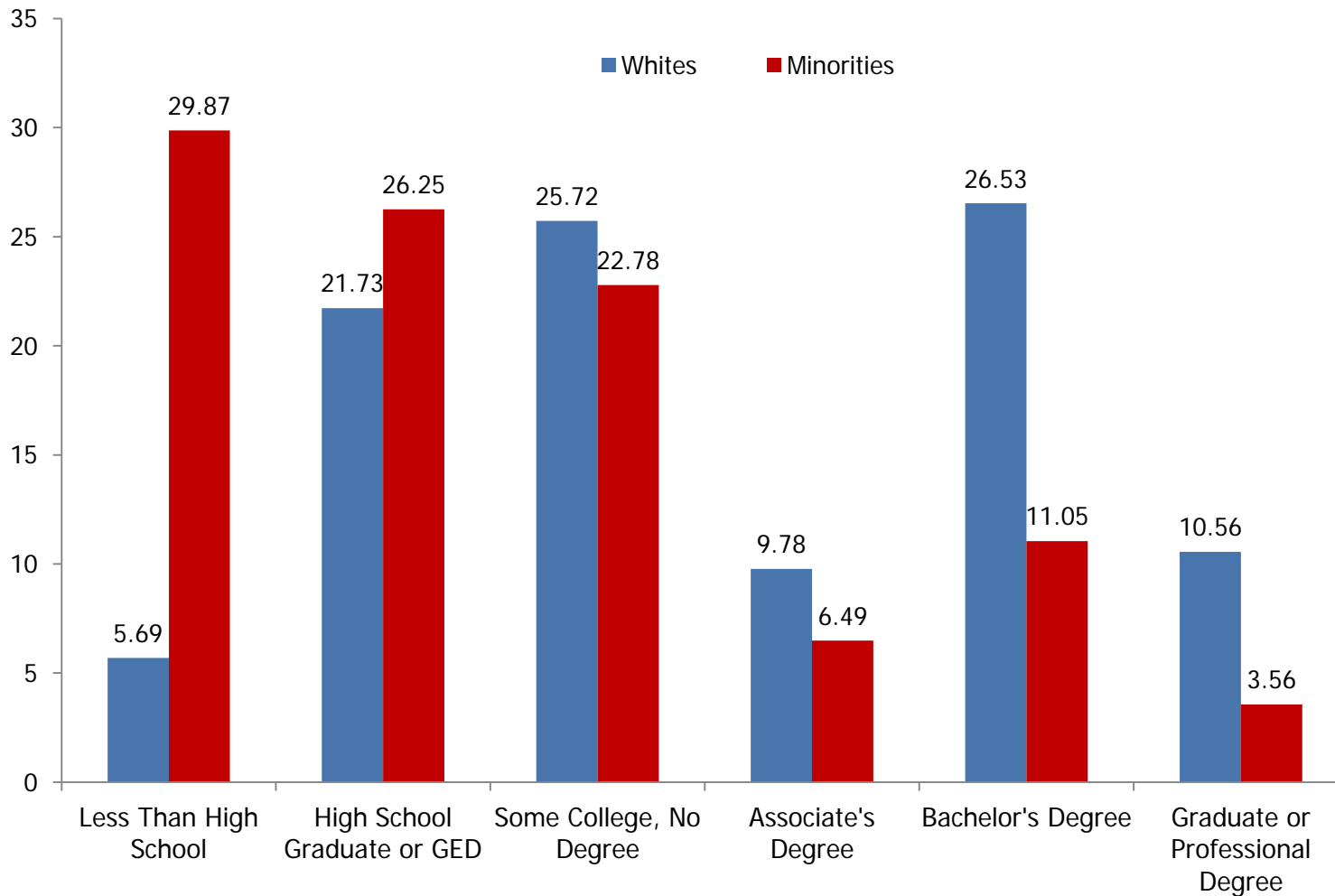


Change in Percentage Gap in College Attainment Between Whites and Underserved Minorities from 2000 to 2009-'11, 25-34 Year Olds

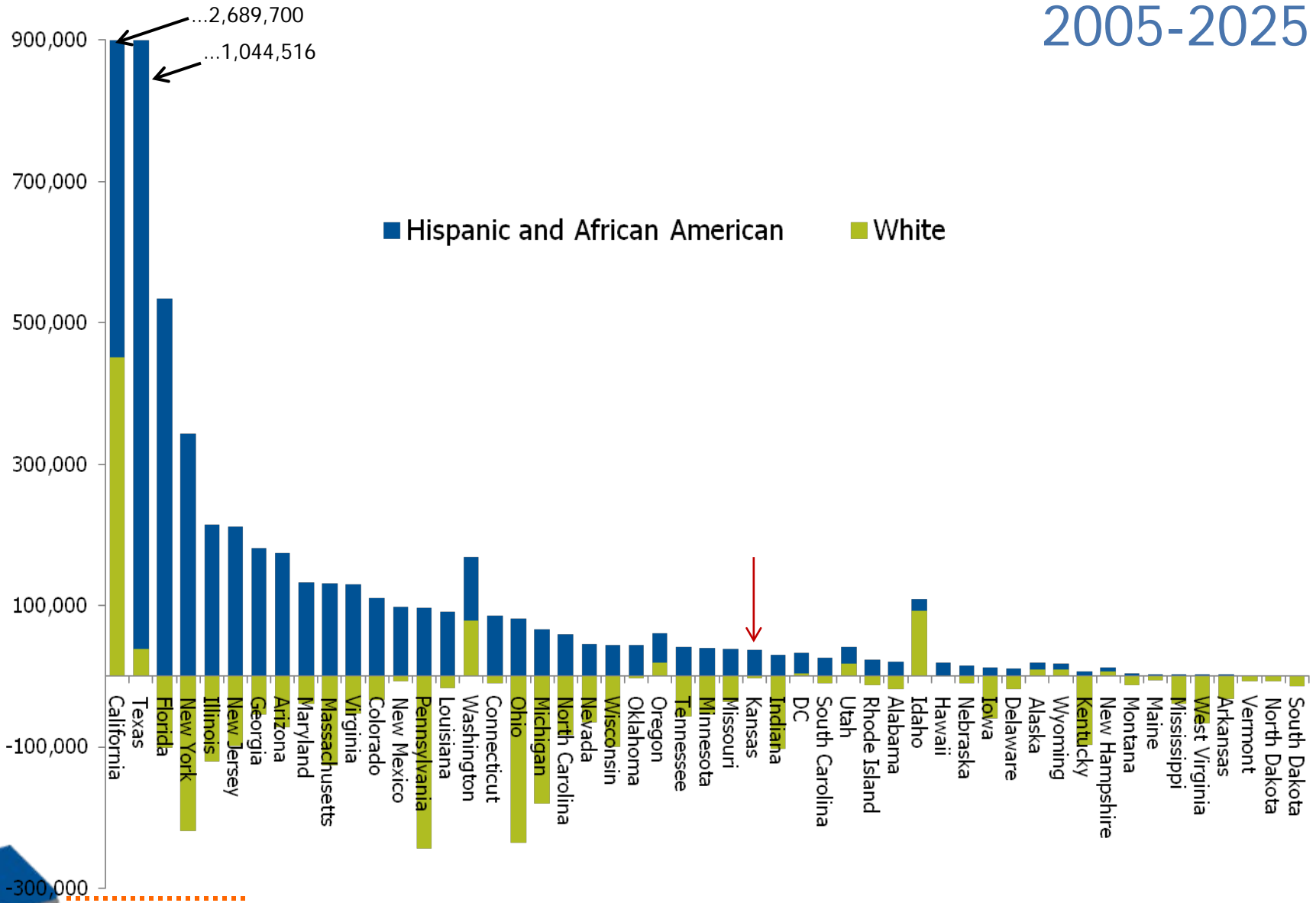


Educational Attainment of Whites and Minorities (Black, Hispanics, Native Americans) Aged 25-44, 2008-2010

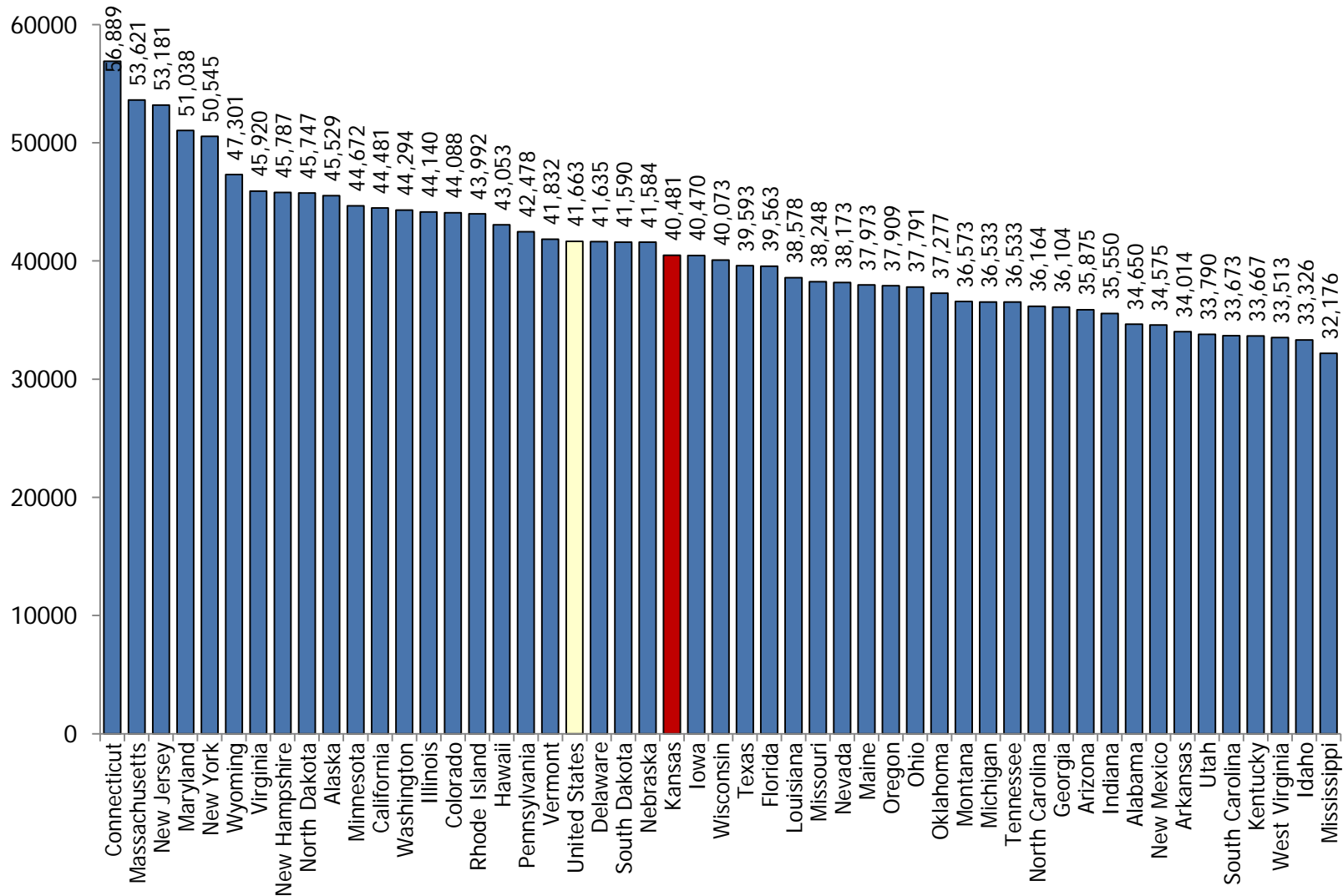
Kansas



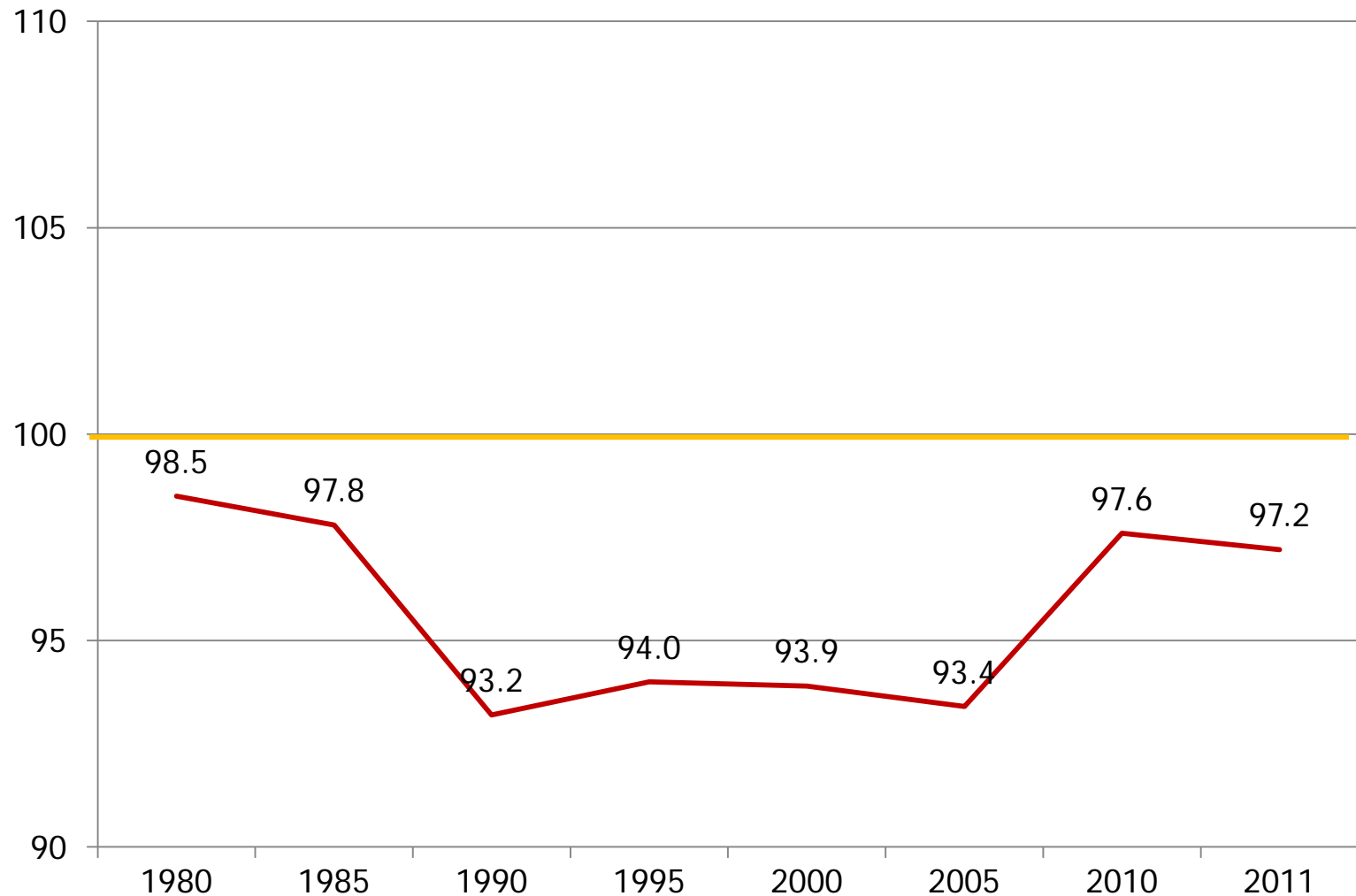
Change in Population Age 25-44 By Race/Ethnicity, 2005-2025



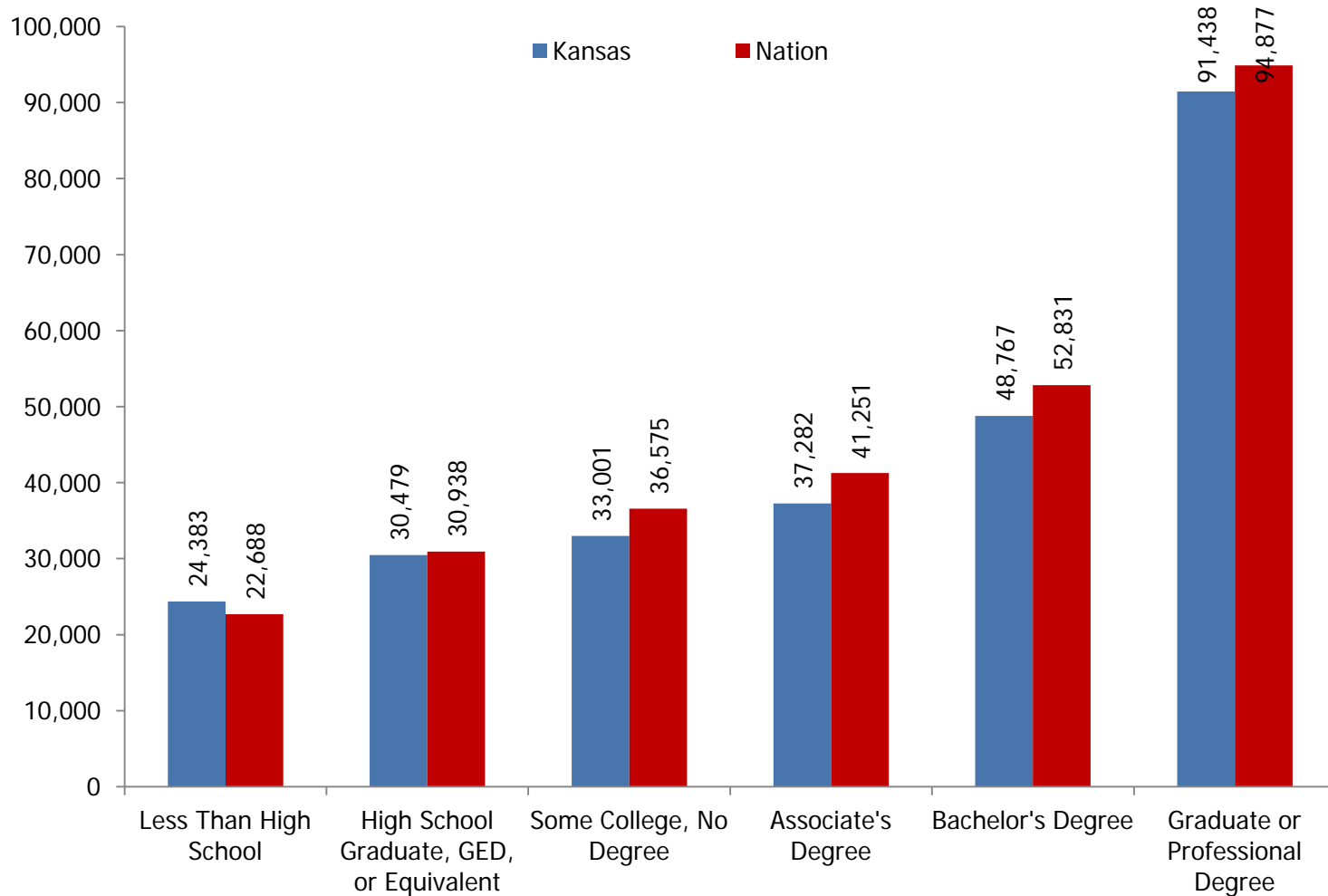
Personal Income per Capita (2011)



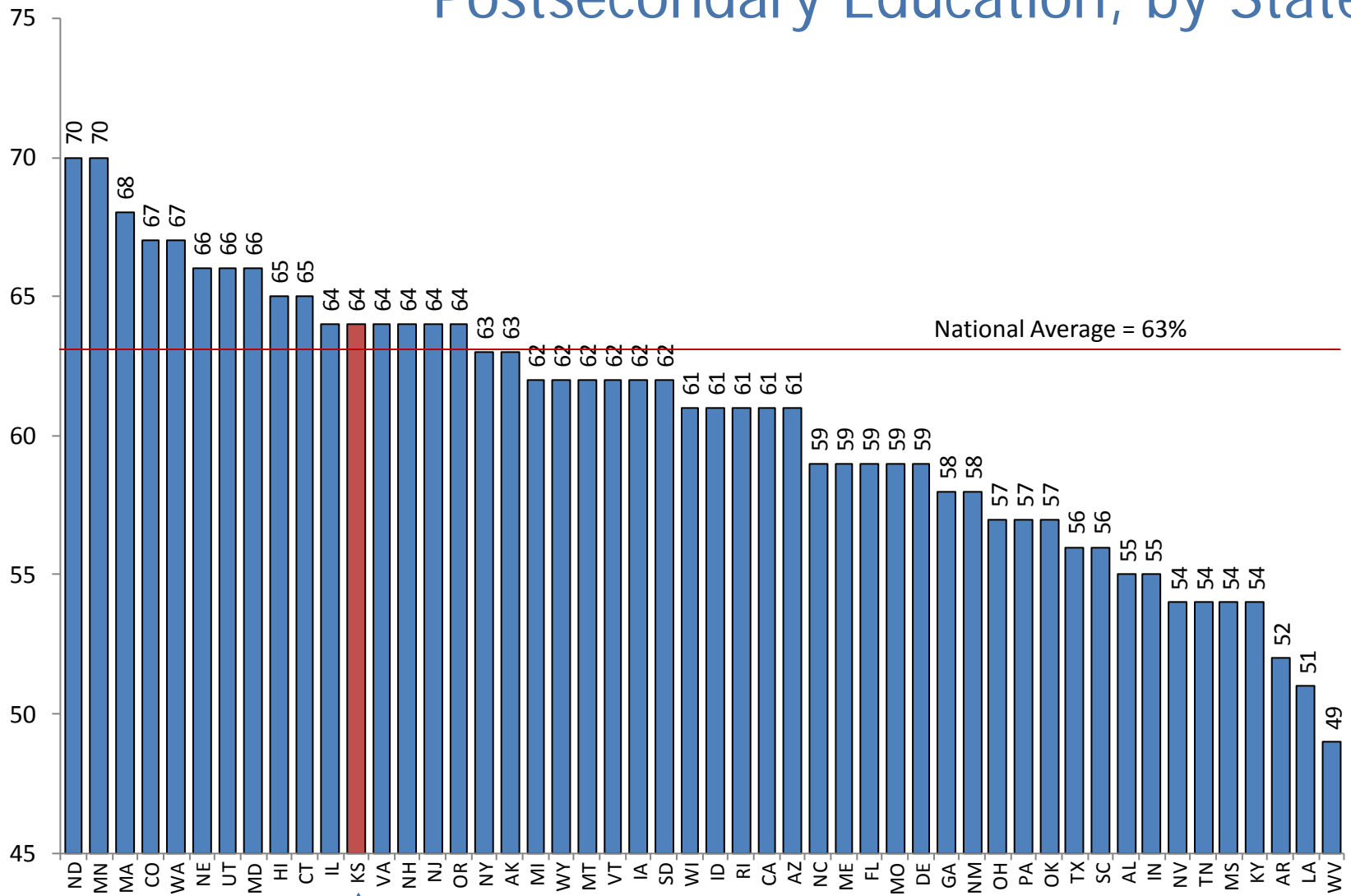
Kansas Personal Income per Capita as a Percent of the U.S. Average, (1980-2011)



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



Percentage of Jobs in 2018 that Will Require a Postsecondary Education, by State



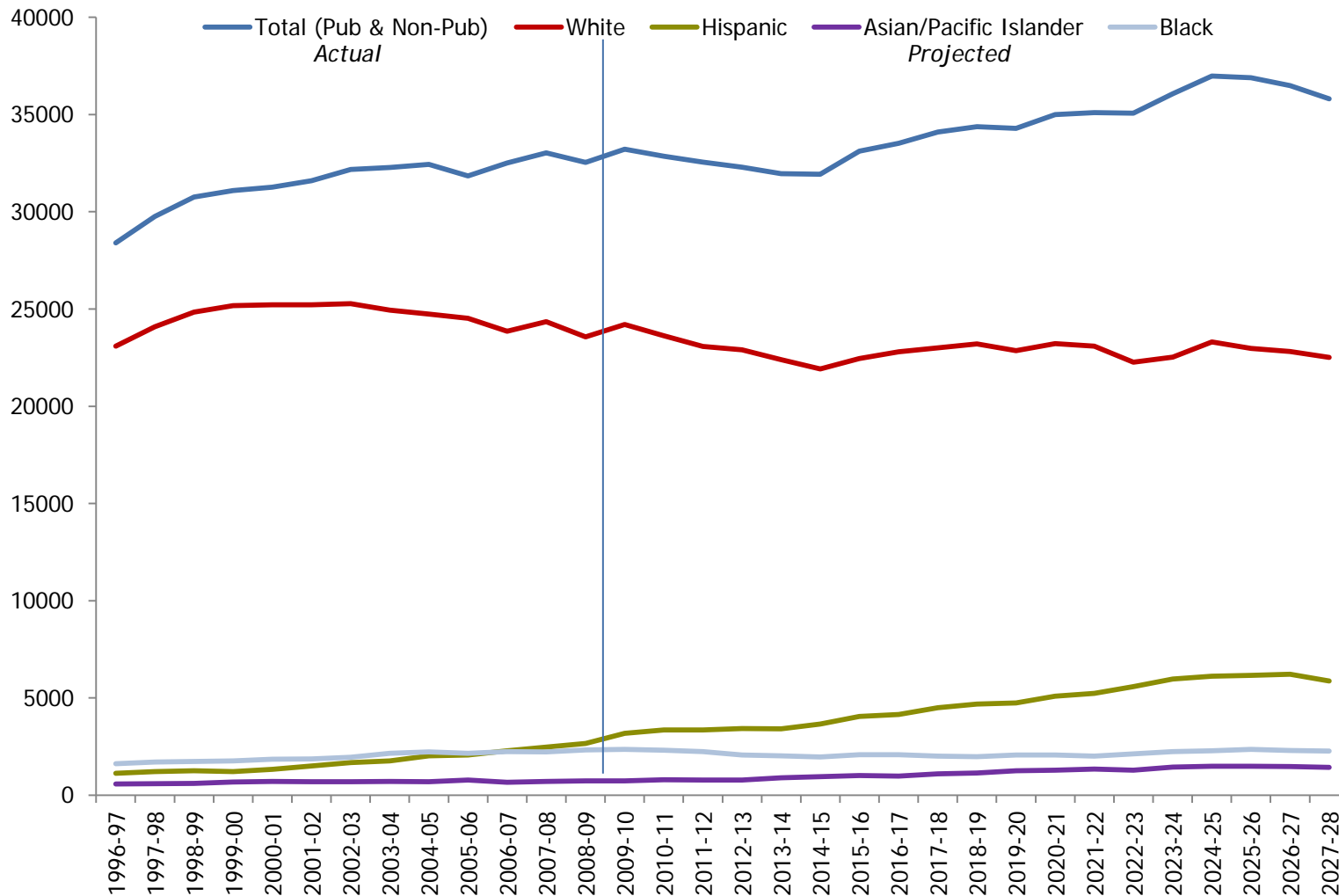
Kansas Jobs in 2018, by Education Level, Less Current Workers by Degree Level

	Kansas Jobs in 2018*	Current Workers**	Difference
High School Dropouts	155,000	98,562	56,438
High School Graduates	470,000	272,555	197,445
Some college, no degree	402,000	294,296	107,704
Associate's degree	145,000	104,855	40,145
Bachelor's degree	345,000	277,669	67,331
Graduate degree	147,000	142,422	4,578

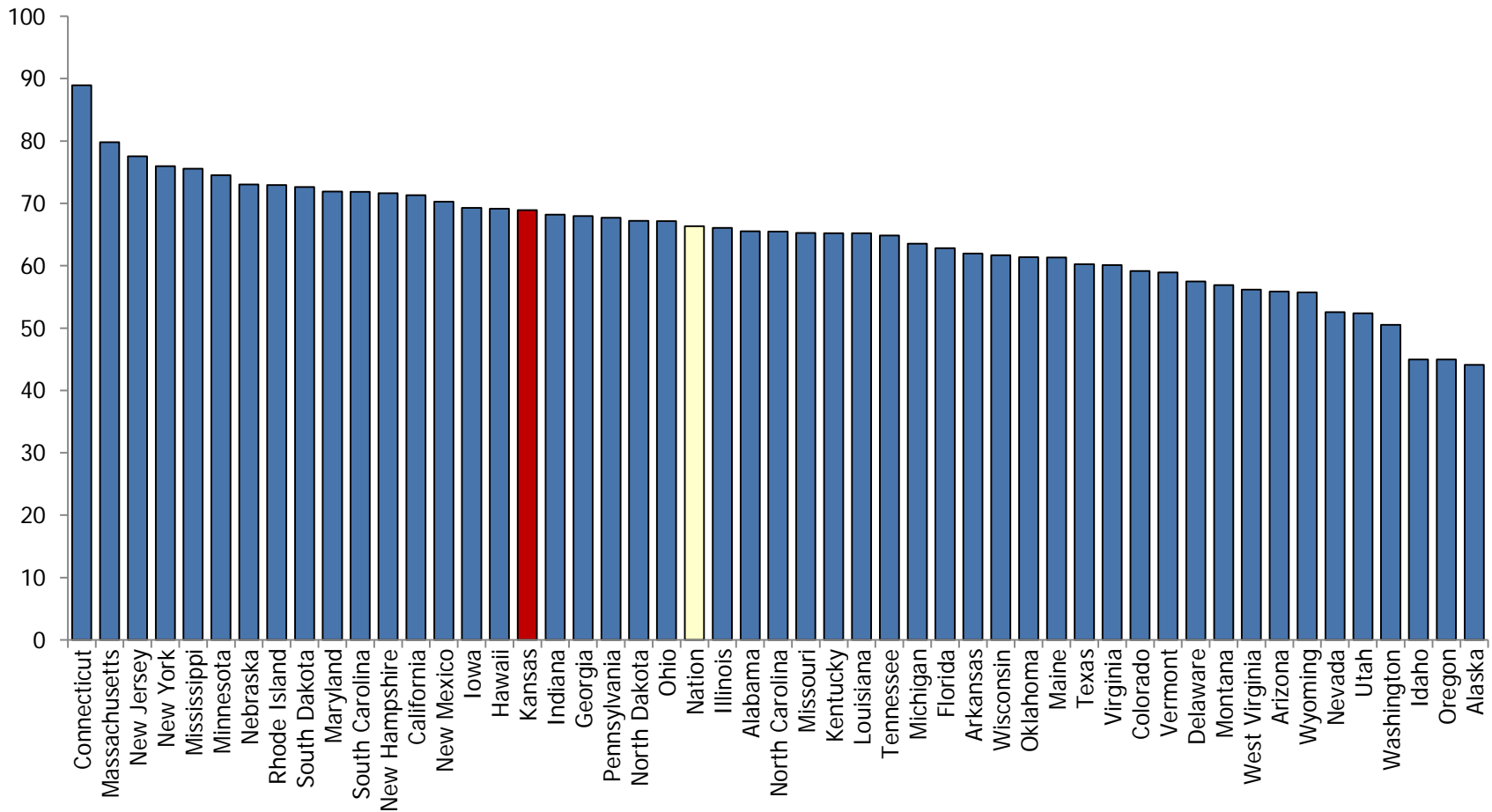
*Source: Georgetown University Center on Education and the Workforce, Projections of Jobs and Education Requirements through 2018; June 2010

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

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

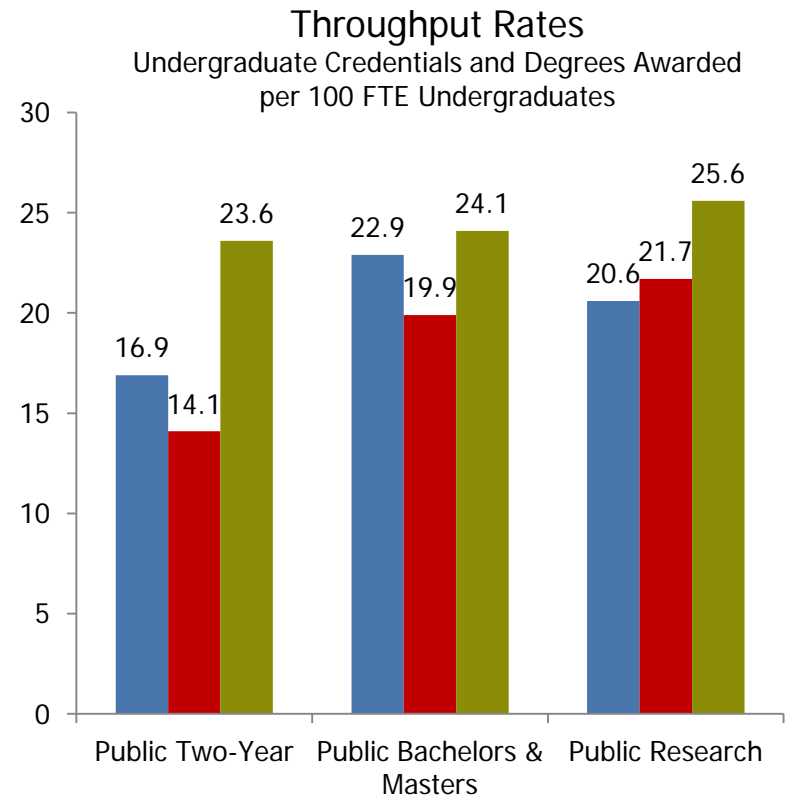
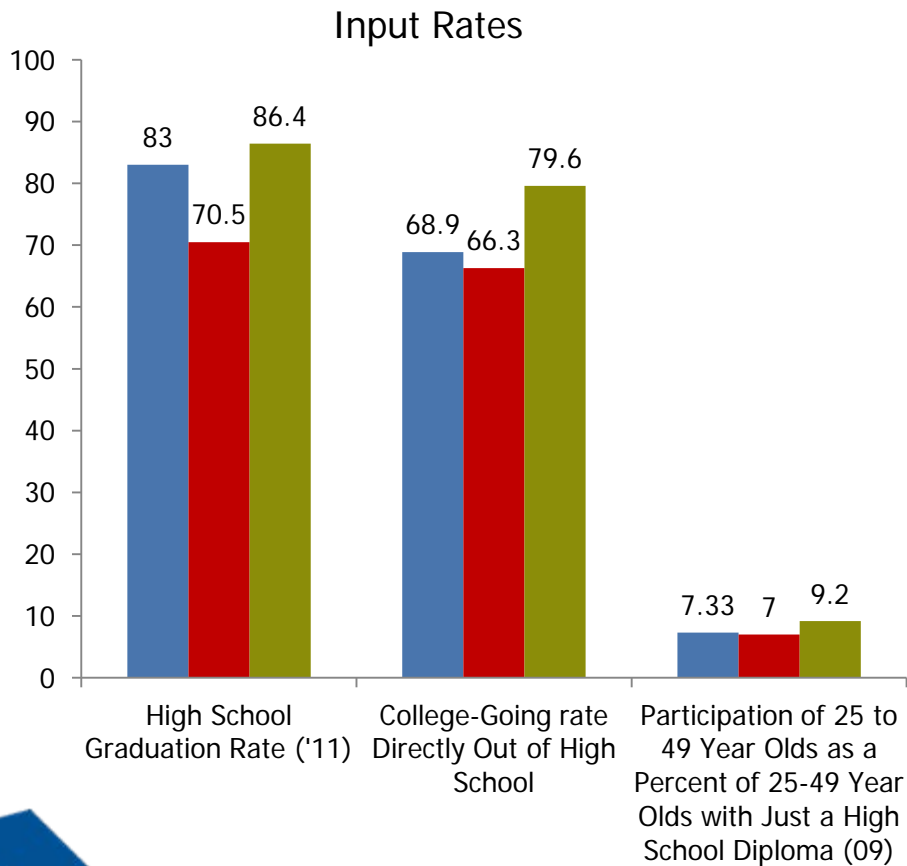


Percent of High School Students Going Directly to College (Fall 2010)



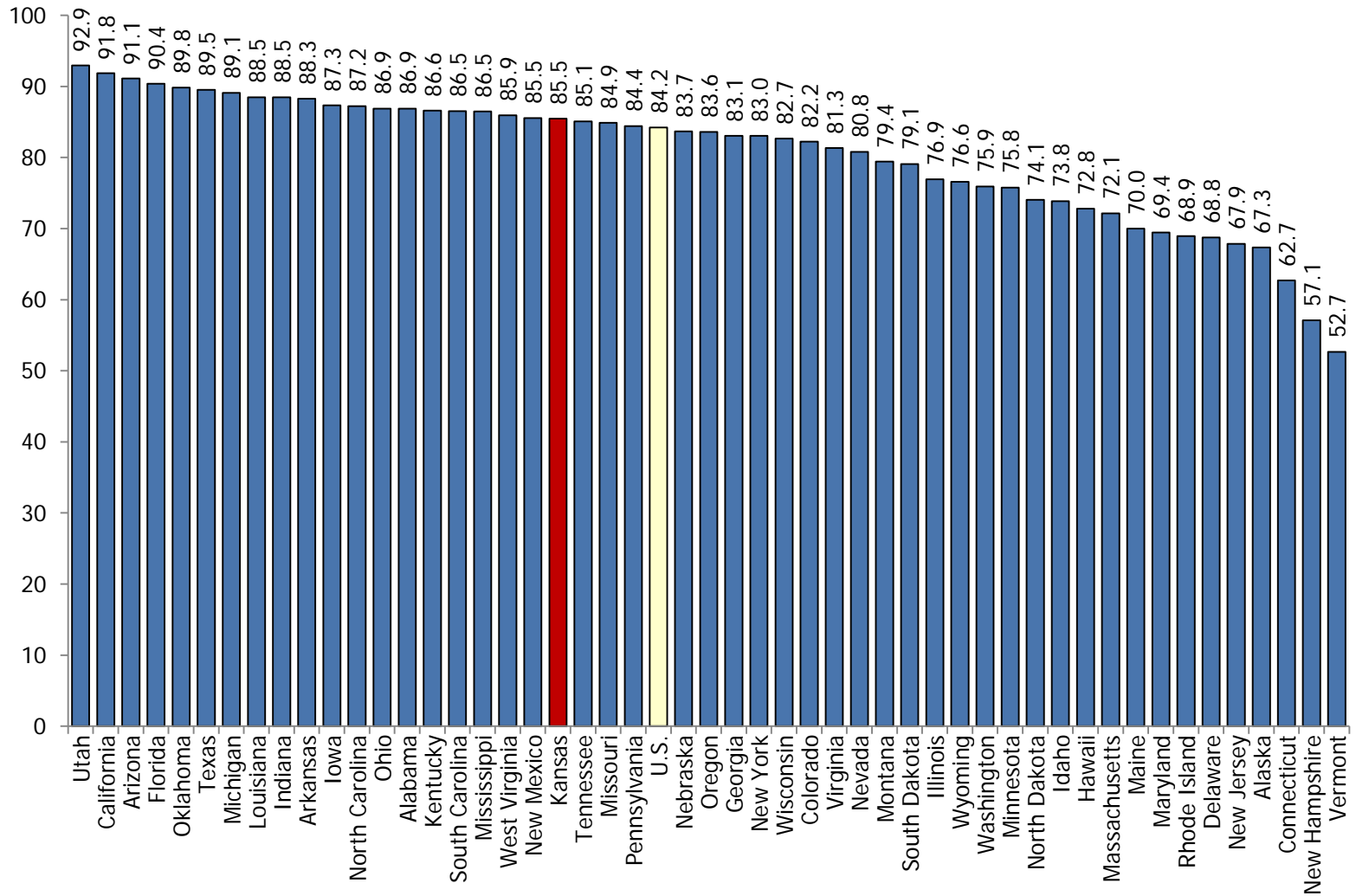
High School Graduation, College Participation, & Completion (2009-10)

■ Kansas
 ■ U.S.
 ■ Average of Top 5 States

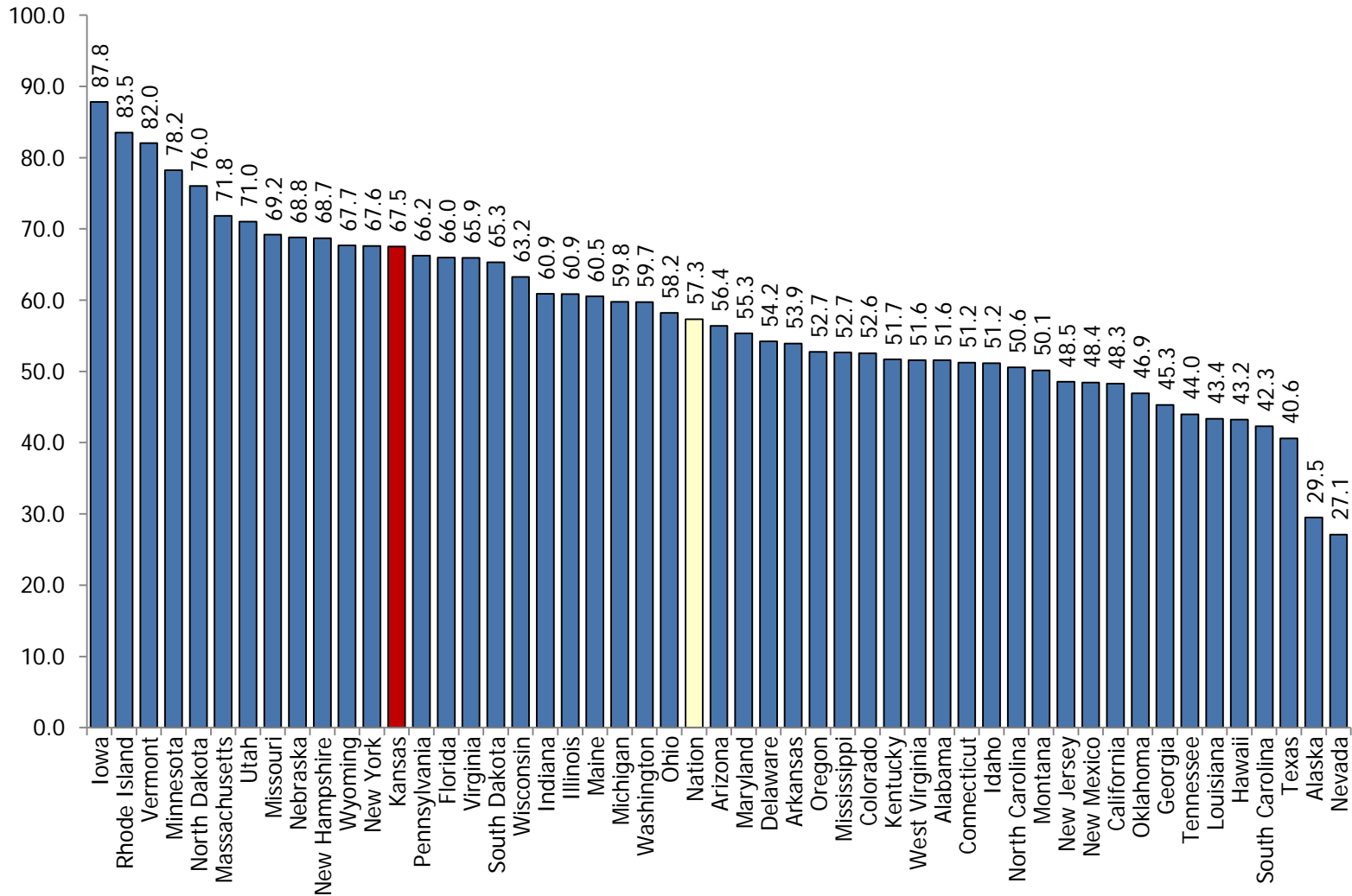


Source: NCES, IPEDS 2009-10 Instructional Activity File; efi2010 Final Release Data File. NCES, IPEDS 2009-10 Completions File; c2010_a Final Release Data File.

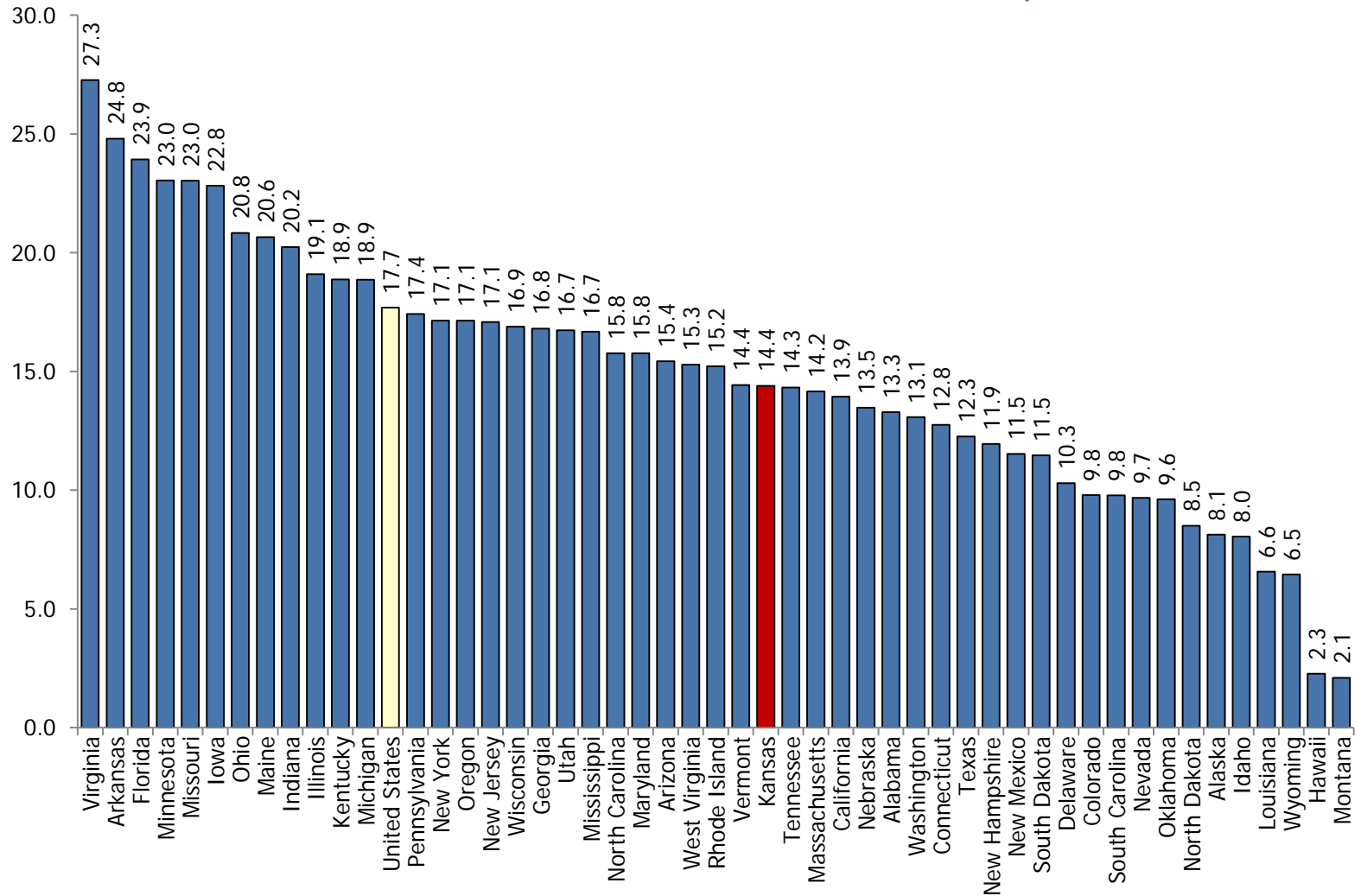
Percent of First Time Students Enrolled in Home State Institutions



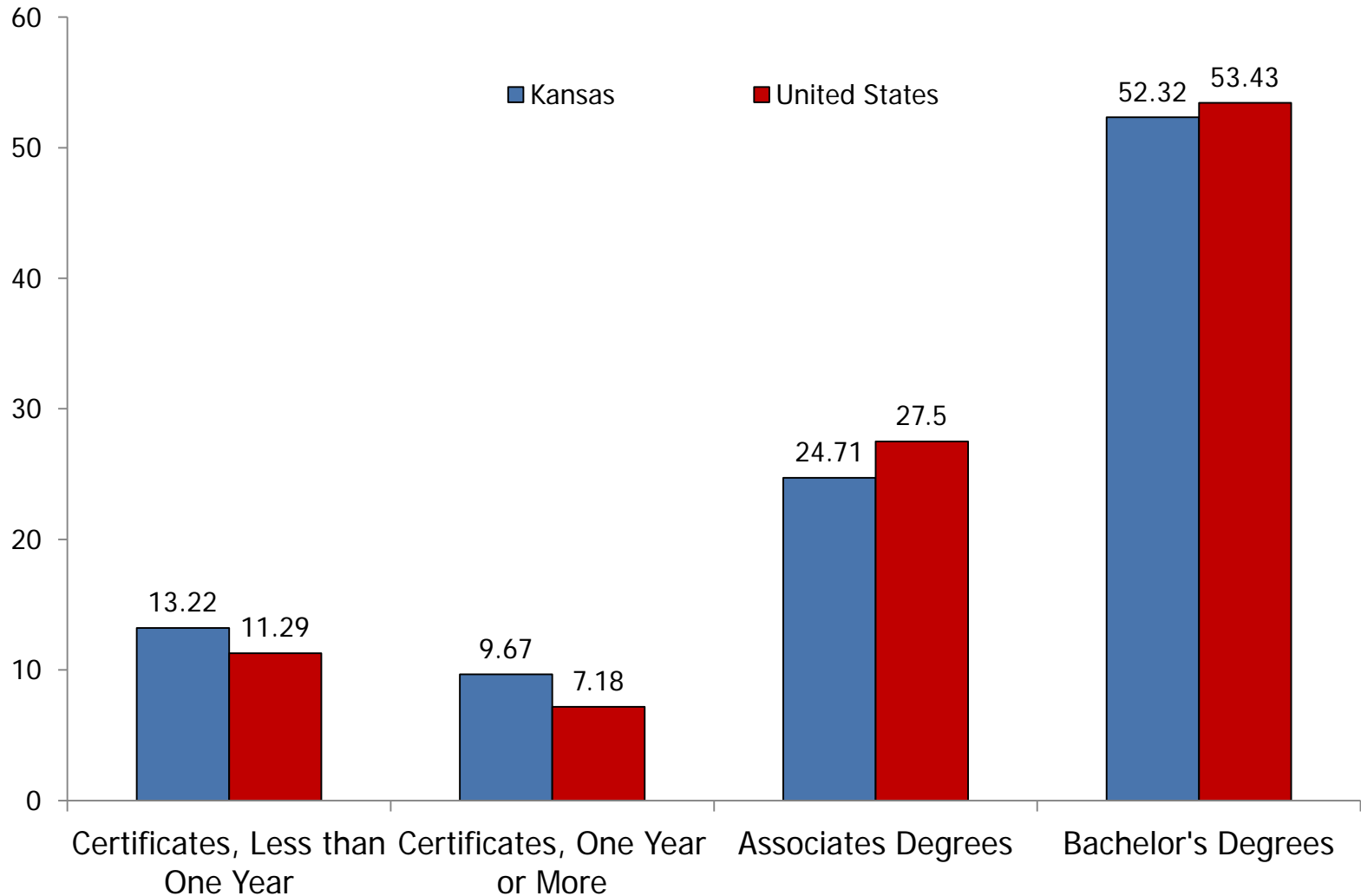
Undergraduate Credentials Awarded per 1,000 18-34 Year Olds with No College Degree (2011)



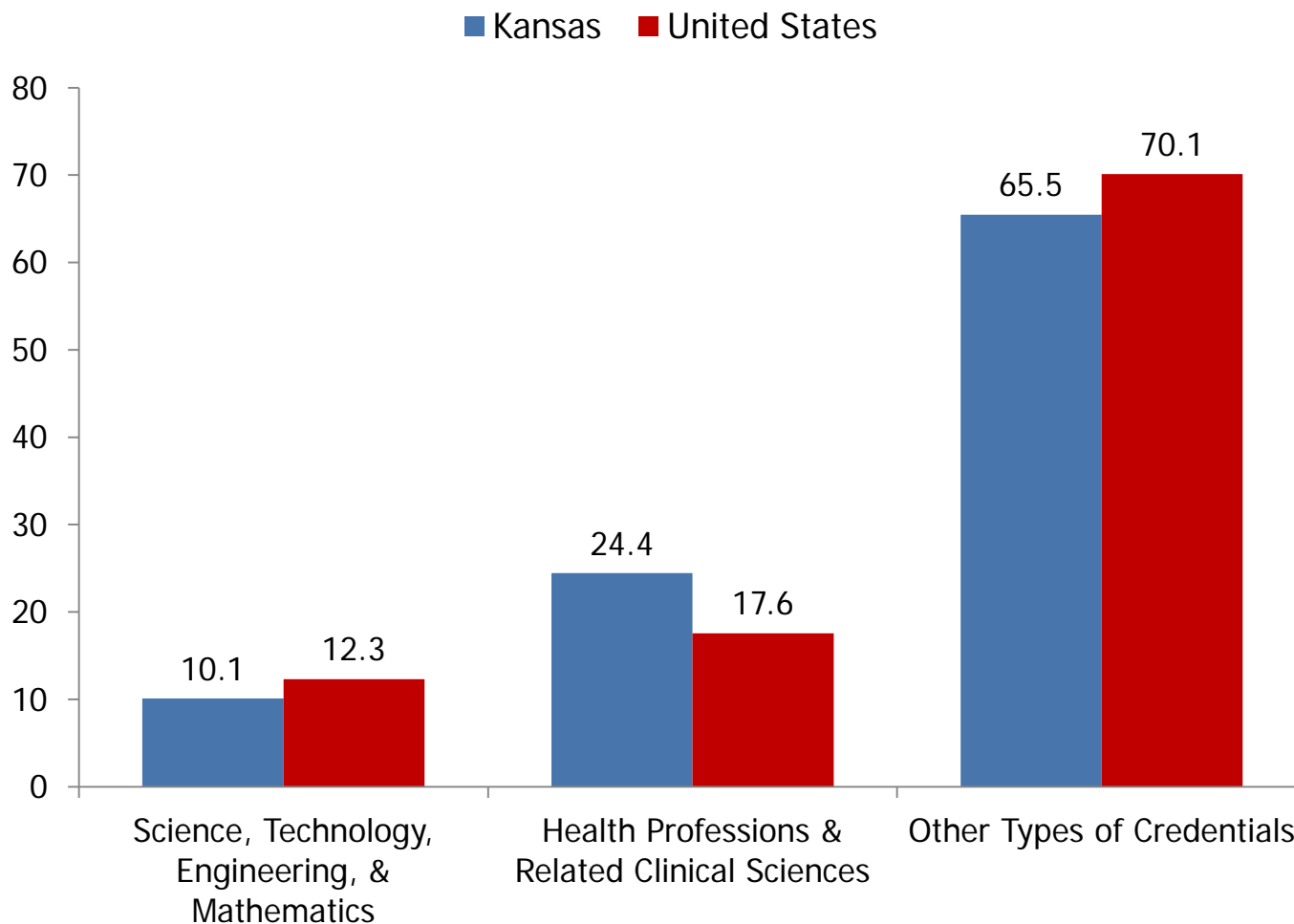
Percent Change in Undergraduate Credentials Awarded per 1,000 18-34 Year Olds with No College Degree (from 2001 to 2011)



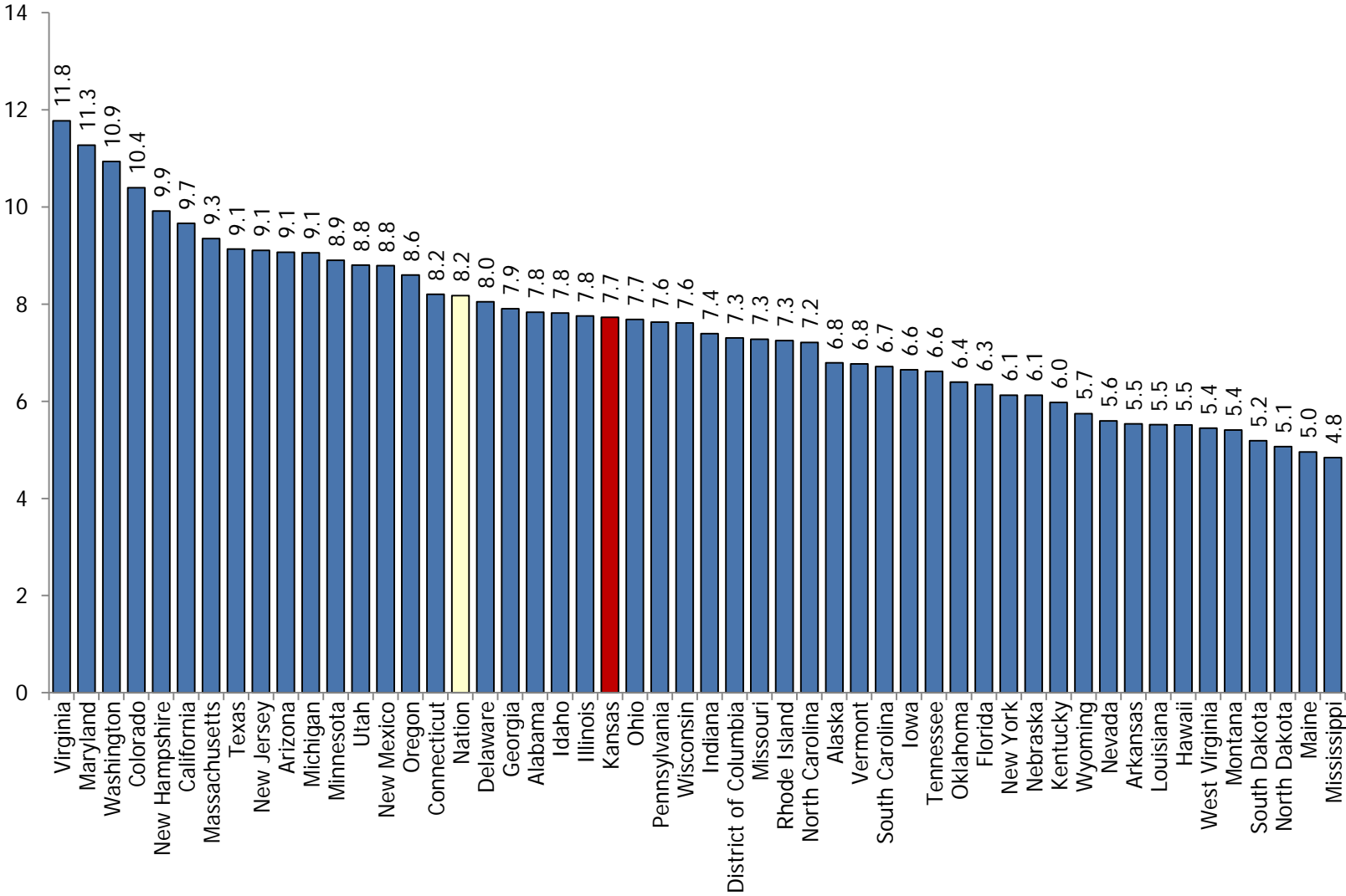
Proportion (%) of Undergraduate Awards by Level (2009-10)



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

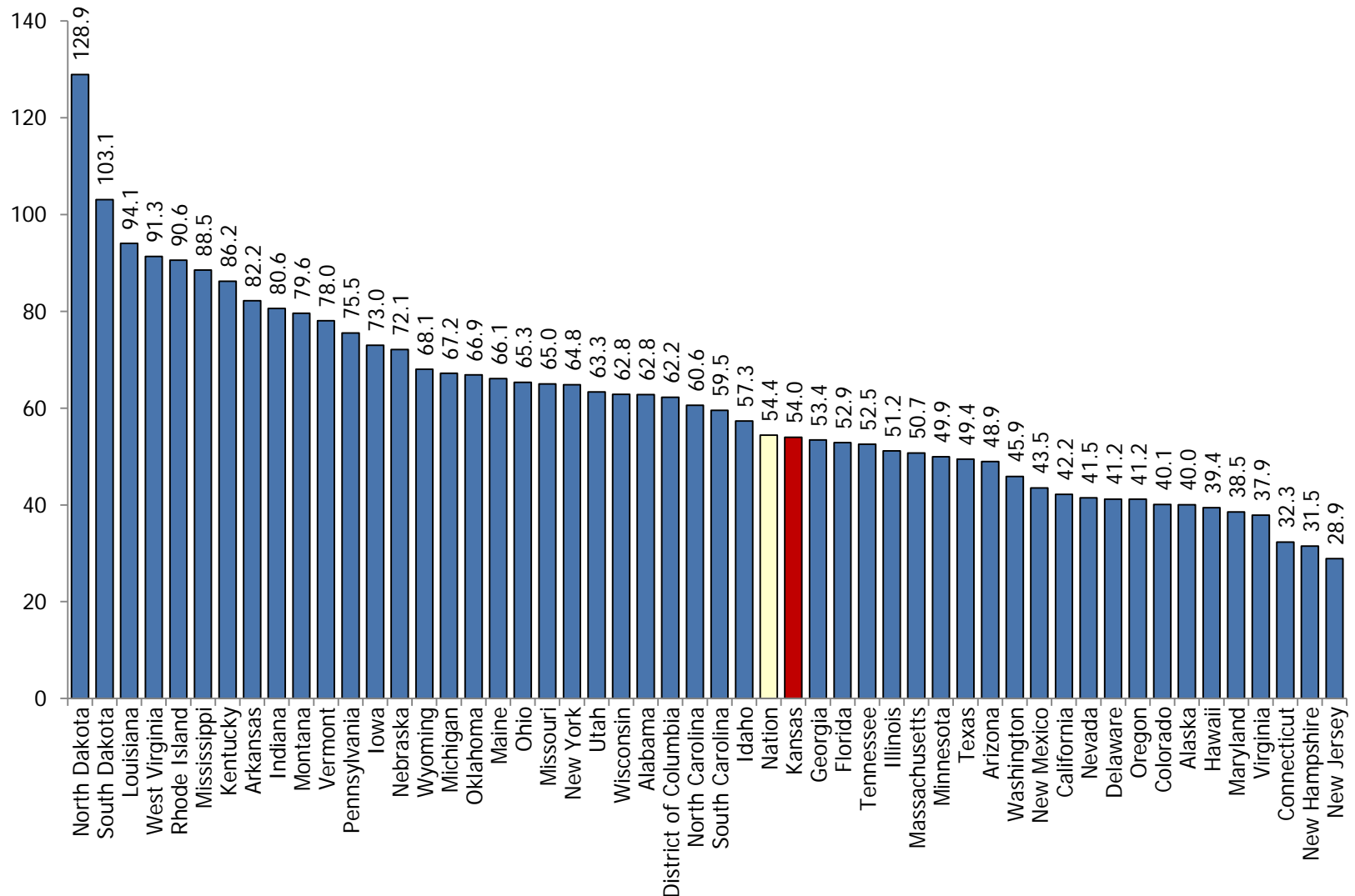


Source: U.S. Census Bureau, 2008-10 American Community Survey Three-Year Public Use Microdata Sample File.

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

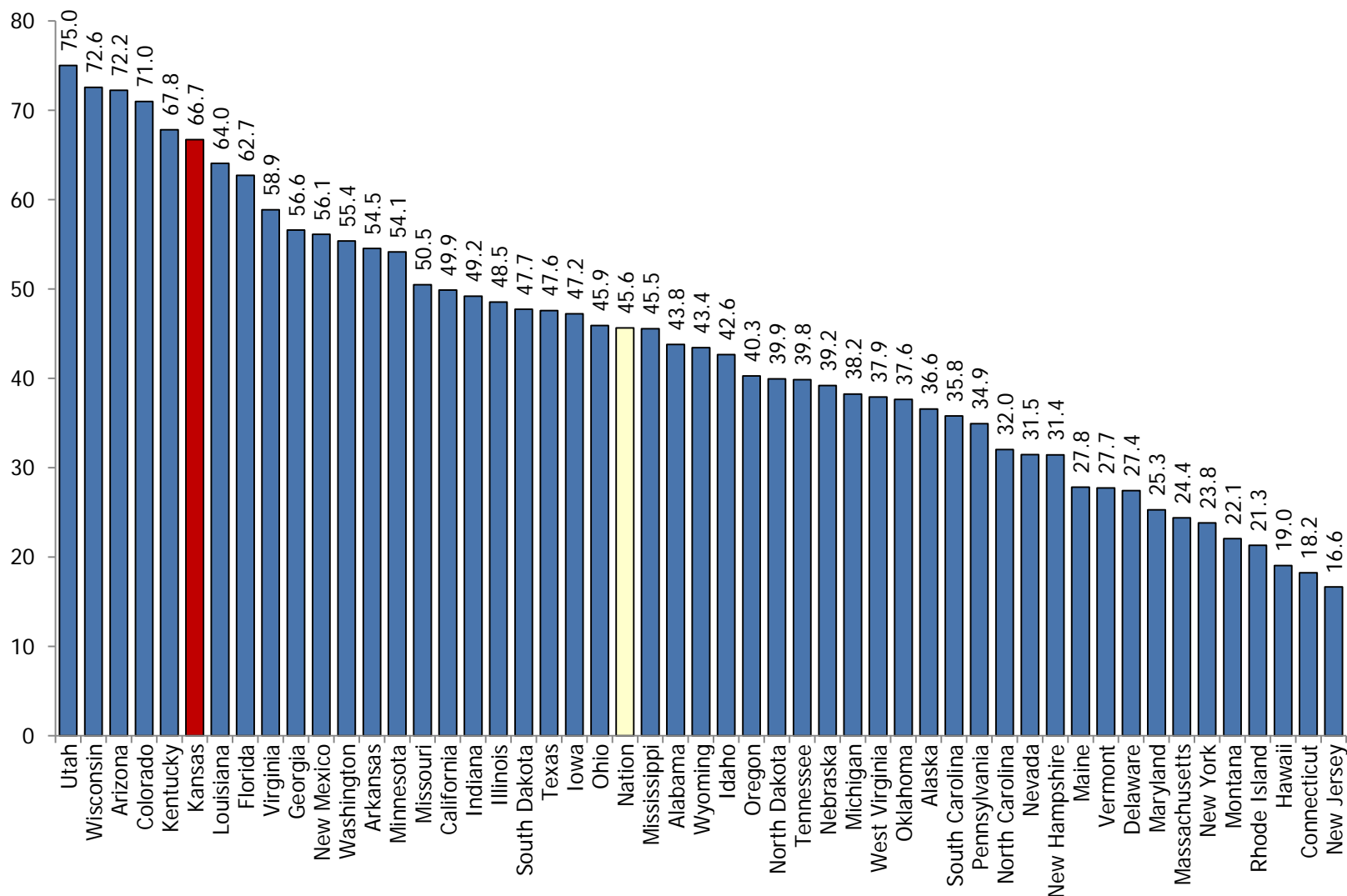


Source: U.S. Census Bureau, 2008-10 American Community Survey Three-Year Public Use Microdata Sample File.

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

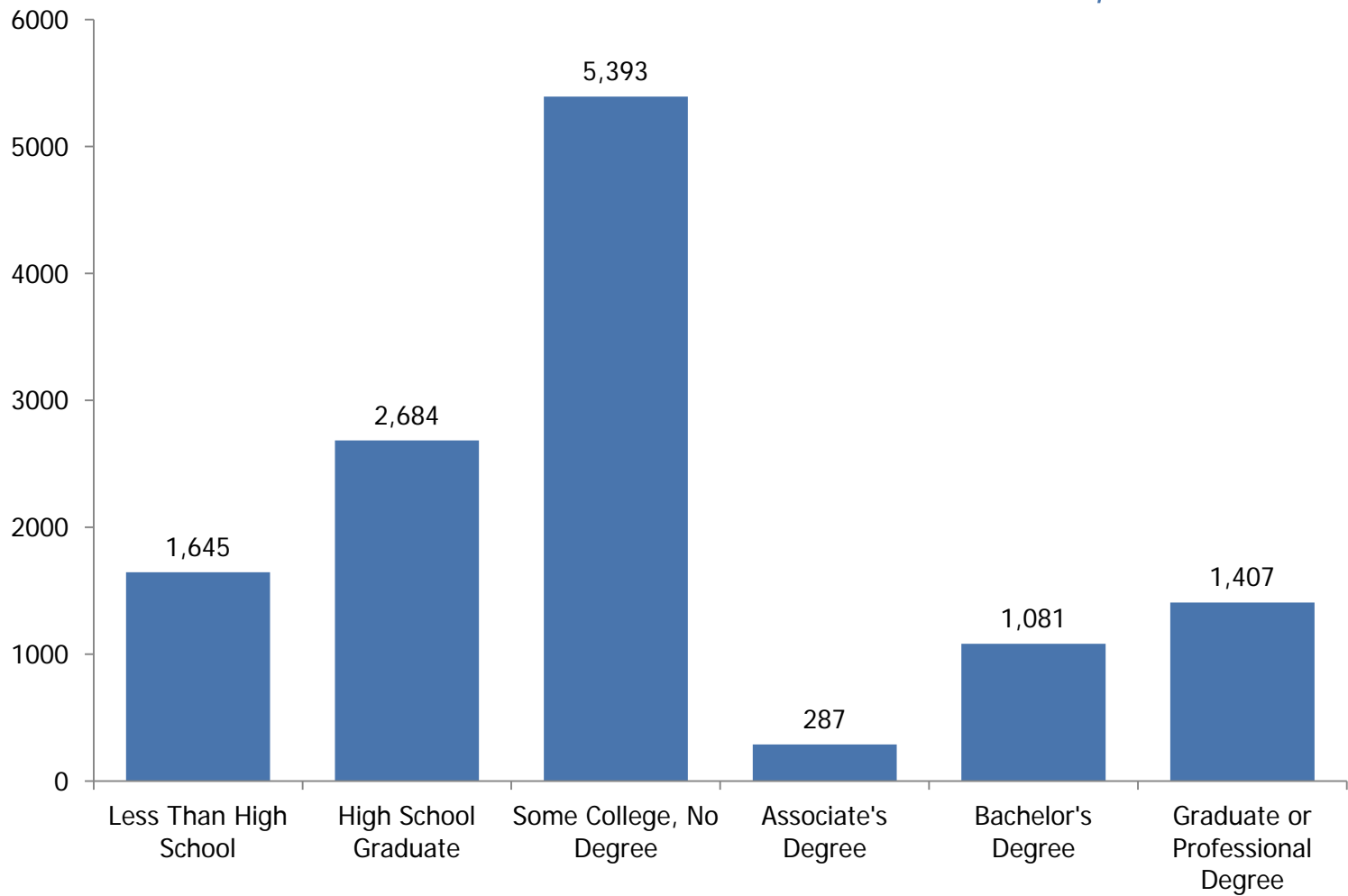


Source: U.S. Census Bureau, 2008-10 American Community Survey Three-Year Public Use Microdata Sample File.

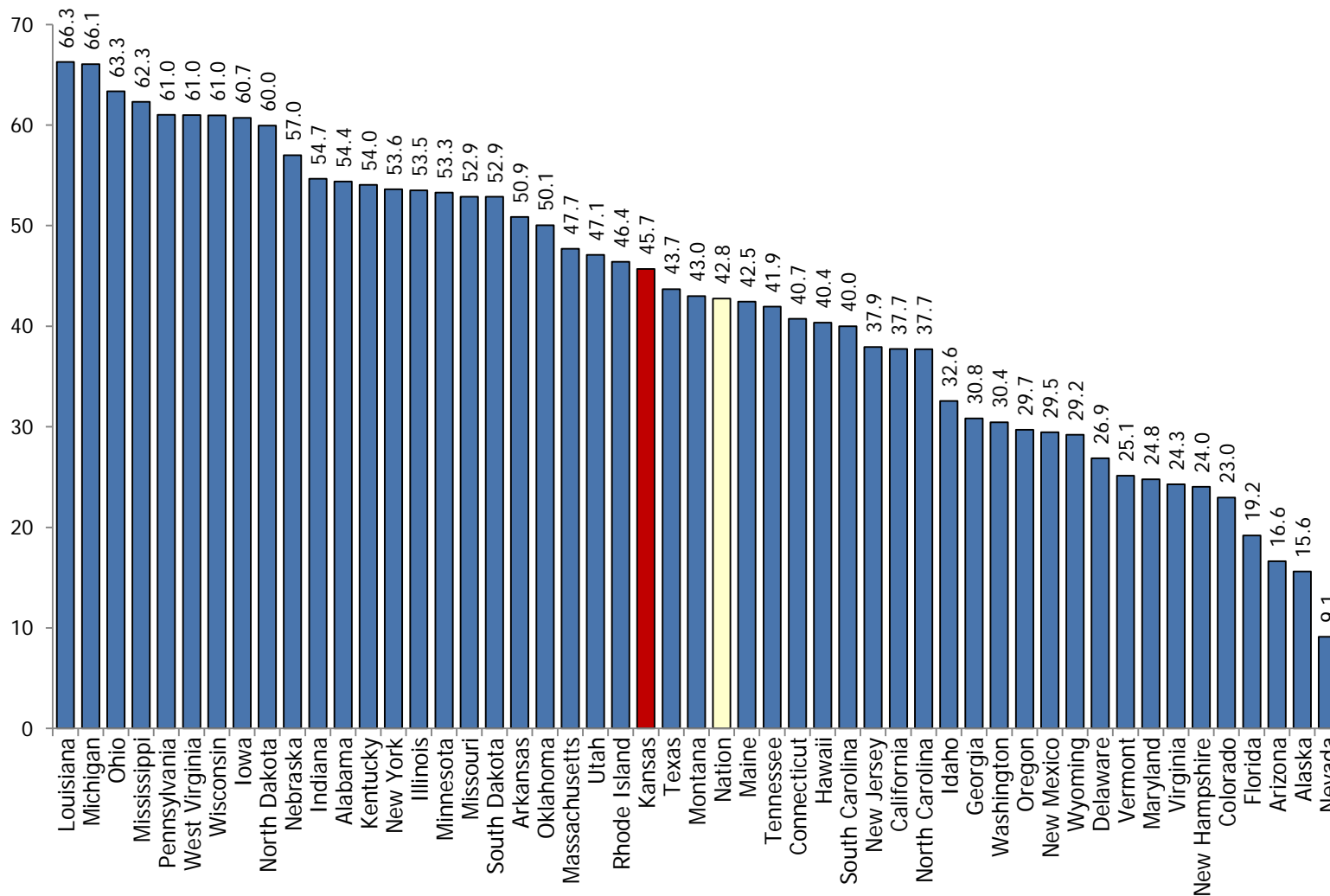
NCES, IPEDS 2009-10 Completions File; c2010_a Final Release Data File.

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

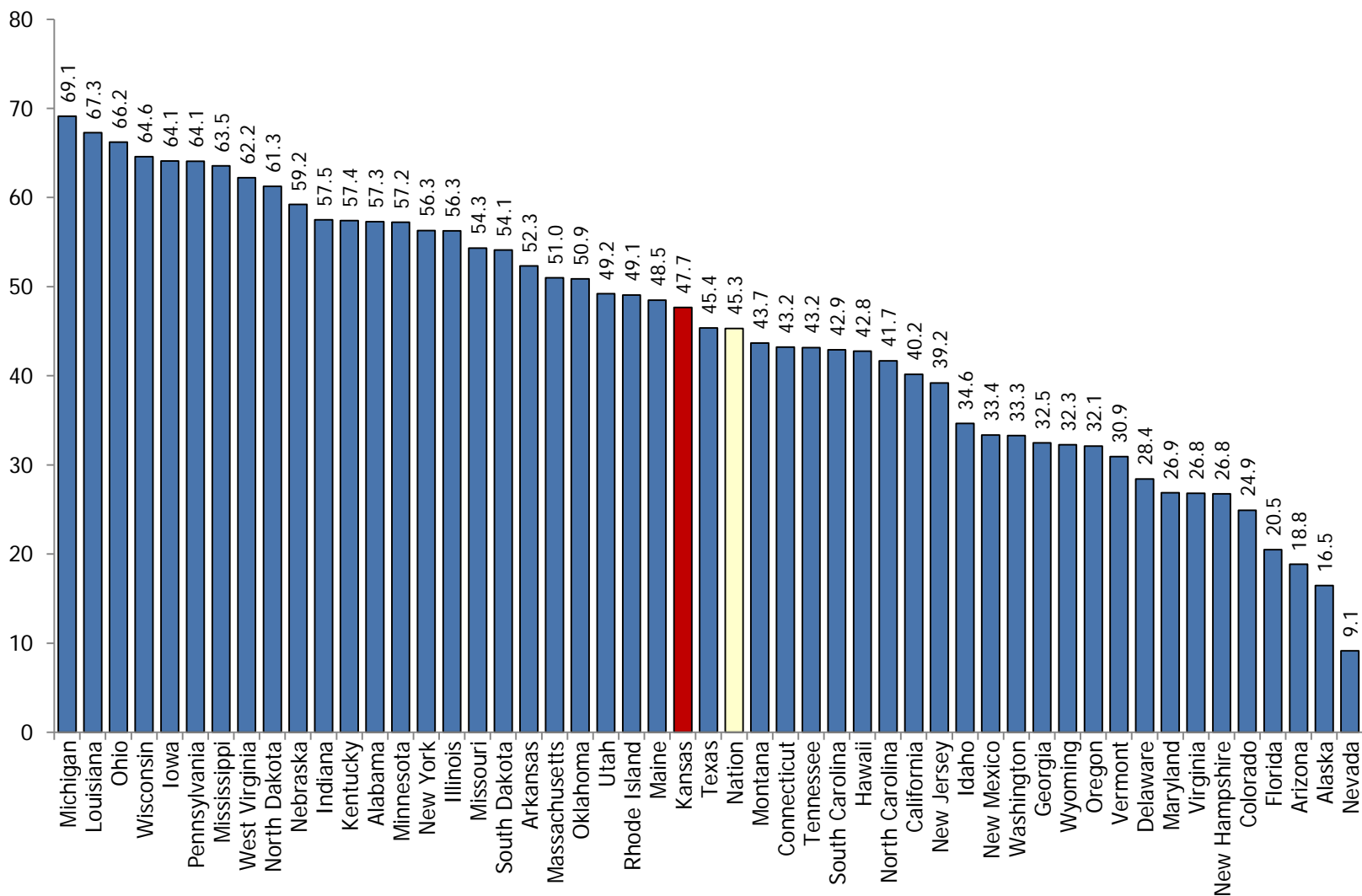
Average Annual Net Migration of 22 to 64 Year Olds by Education Level, Kansas 2006-10



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



Summary Points

1. Reaching the goal will require improvements/changes on many fronts
 - High school graduation rates
 - Rates of college participation of recent high school graduates
 - Retention and graduation of enrolled college students
 - Research universities
 - Community colleges
 - Enrollment and graduation of adults
 - Some college/no degree
 - More certificates and associates degrees
2. Attainment levels will have to be increased by actions of Kansas institutions – cannot rely on immigration
3. Community and technical colleges will be critical players if the goal is to be attained

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