

Needed in Nebraska
A New Approach to Higher Education
Policymaking at the State Level



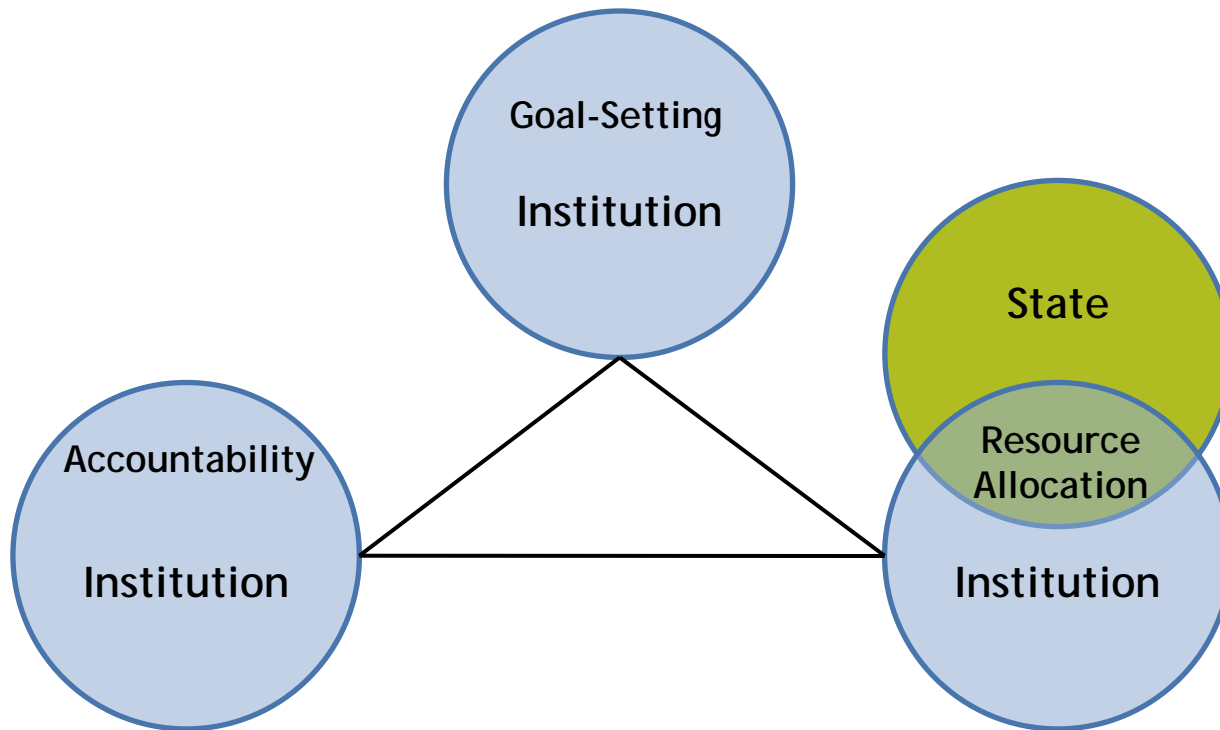
Coordinating Commission for Postsecondary Education
Omaha, Nebraska
March 14, 2013



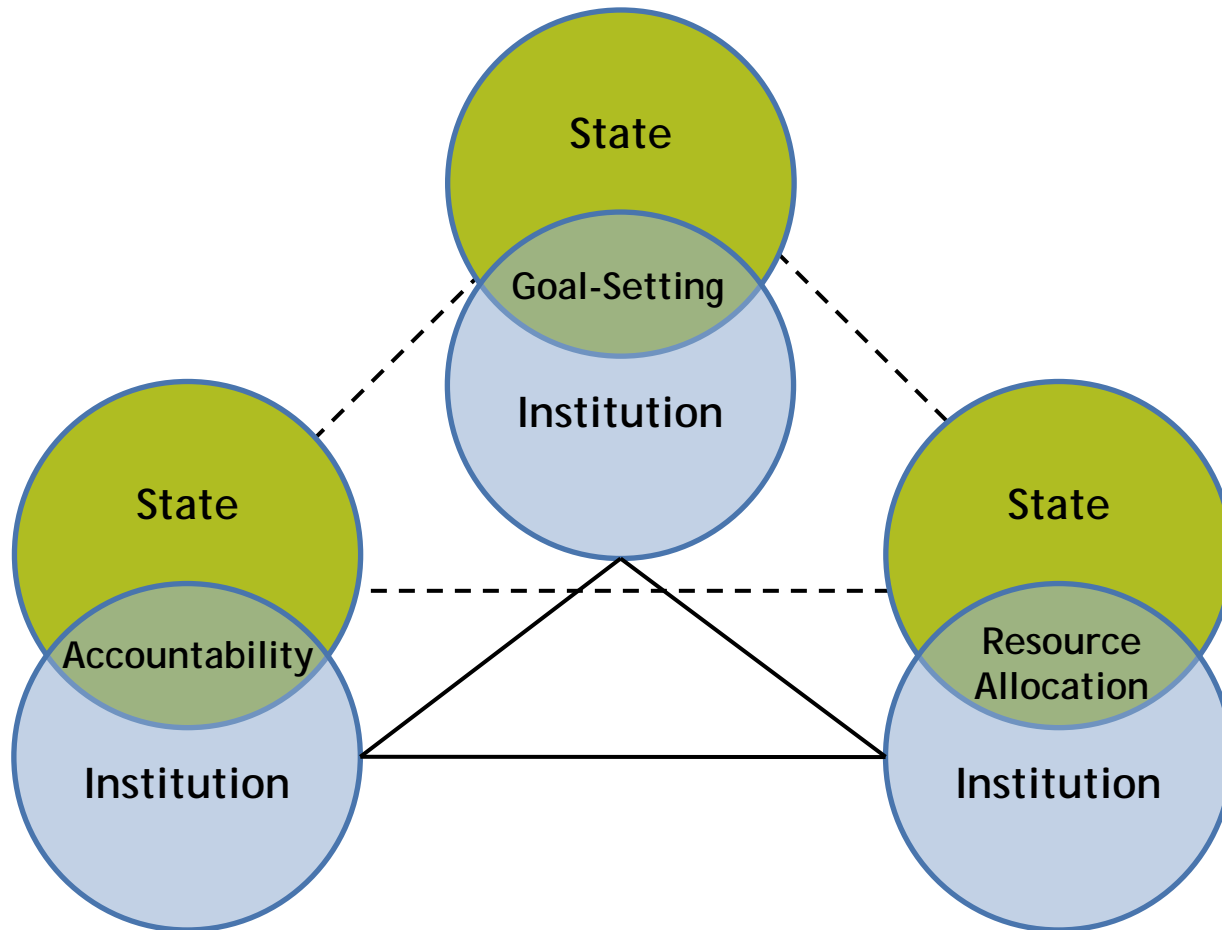
NCHEMS

National Center for Higher Education Management Systems
3035 Center Green Drive, Suite 150
Boulder, Colorado 80301

State – Institution Relationship of the Past



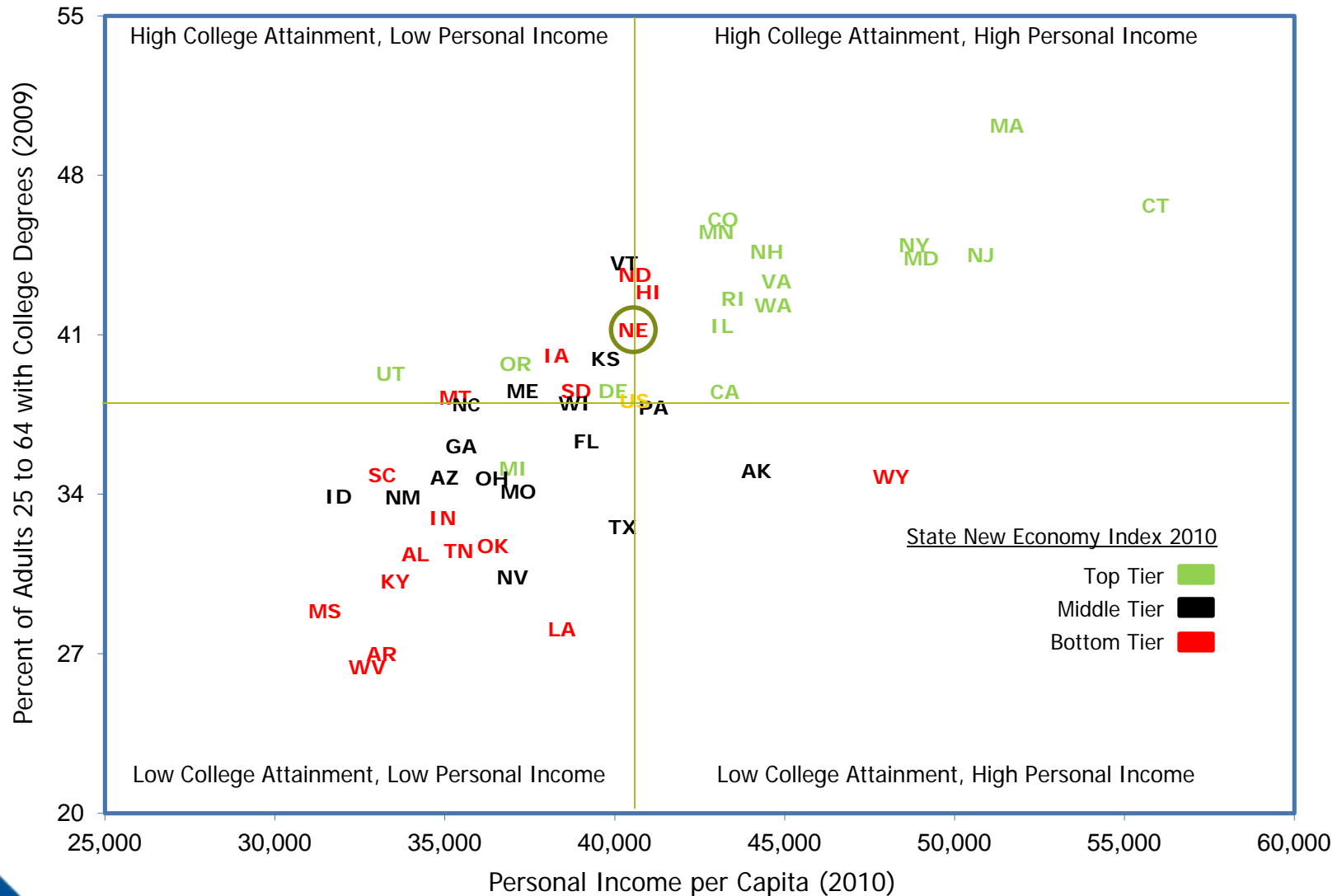
Those Relationships Now



An Approach to Setting Statewide Goals/Priorities

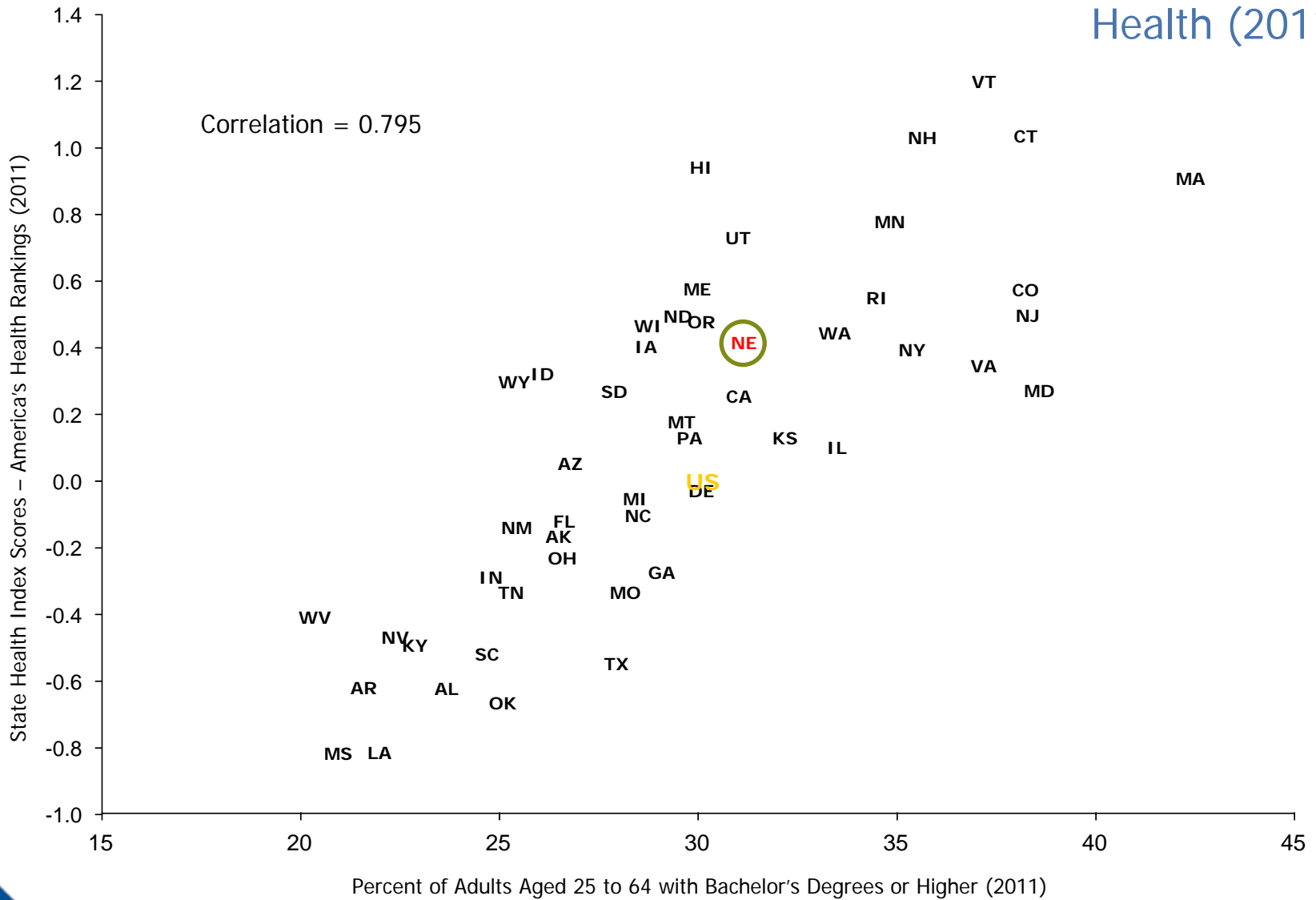
- Gain a clear understanding of current conditions – place Nebraska in a national and international context on key metrics
- Identify an initial list of areas that are the highest priority for change/improvement
- Refine, and build consensus around, this list through consultation with a broad array of stakeholders in all parts of the state

The Relationship Between Educational Attainment, Personal Income, and the State New Economy Index (2010)



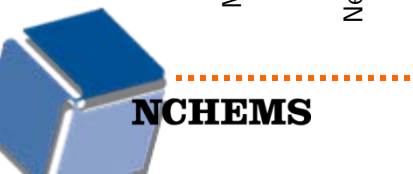
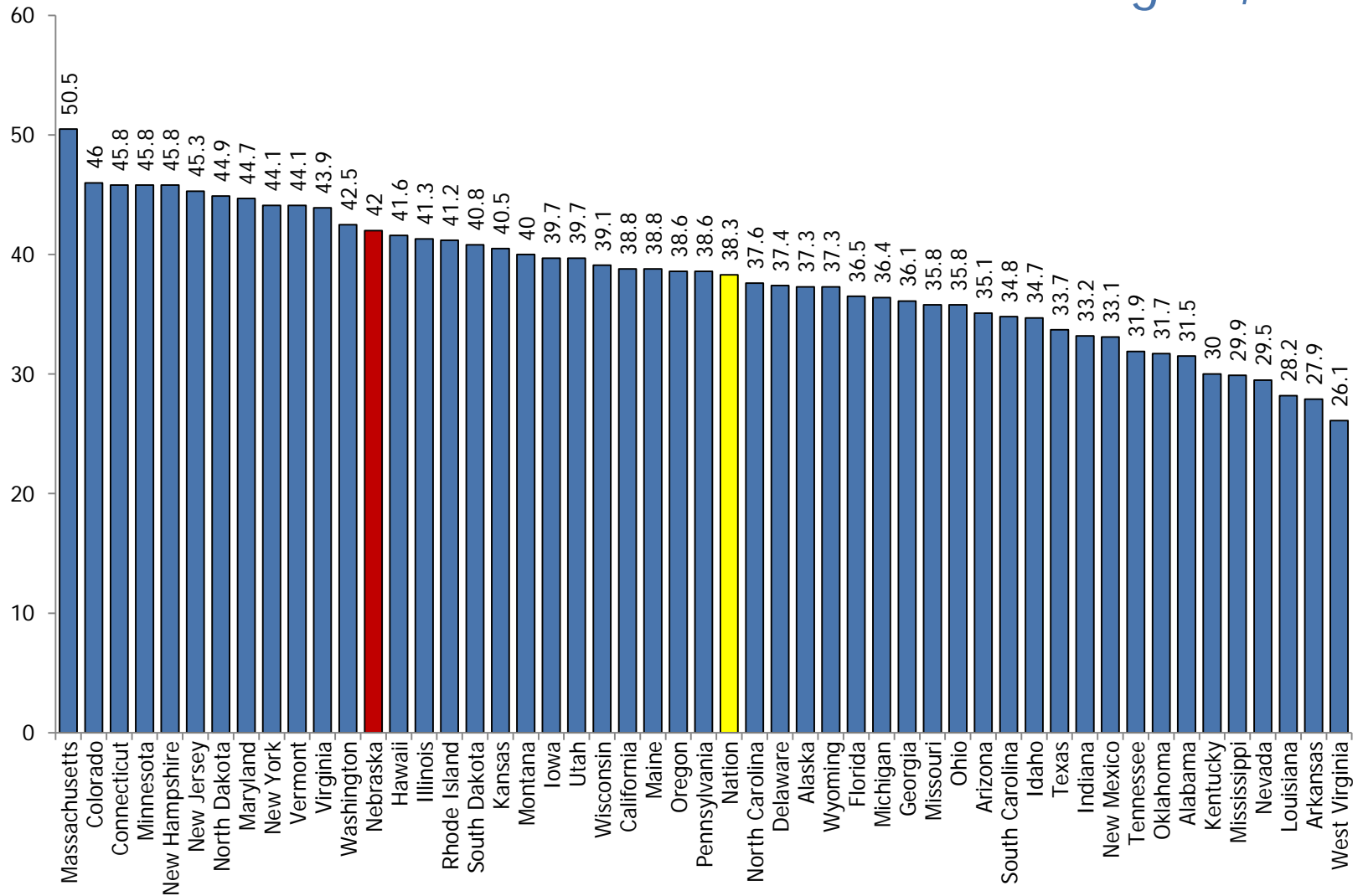
Source: U.S. Census Bureau, 2010 American Community Survey; Bureau of Economic Analysis; Kauffman Foundation

The Relationship Between State Educational Attainment and Overall Health (2011)



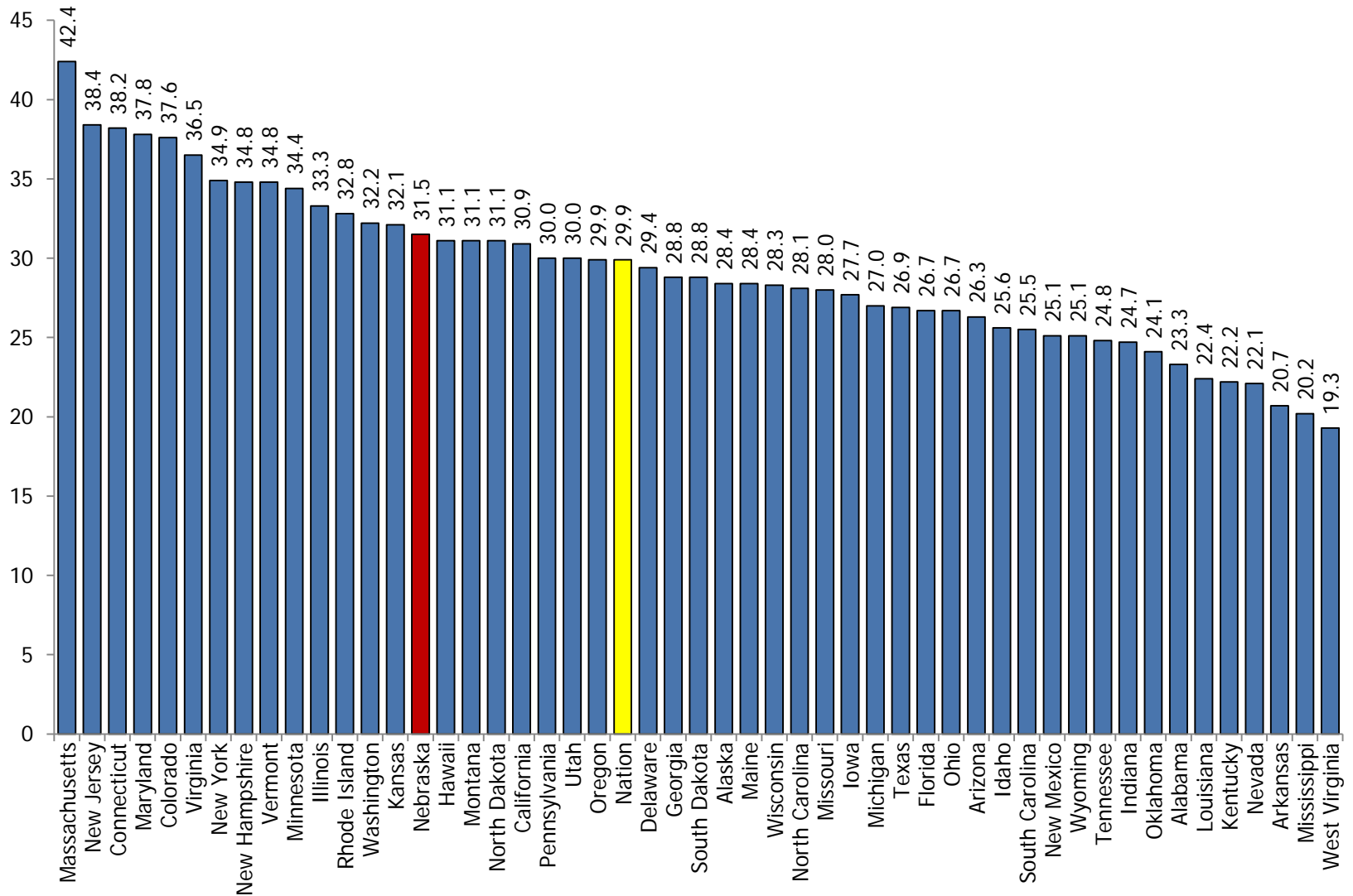
Sources: U.S. Census Bureau, 2011 American Community Survey; United Health Foundation, America's Health Rankings 2011

Percent of Population Age 25-64 with a Associates Degree or Higher, 2010



Source: U.S. Census Bureau, American Community Survey

Percent of Population Age 25-64 with a Bachelor's Degree or Higher, 2010

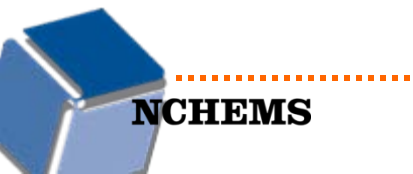


Source: U.S. Census Bureau, American Community Survey

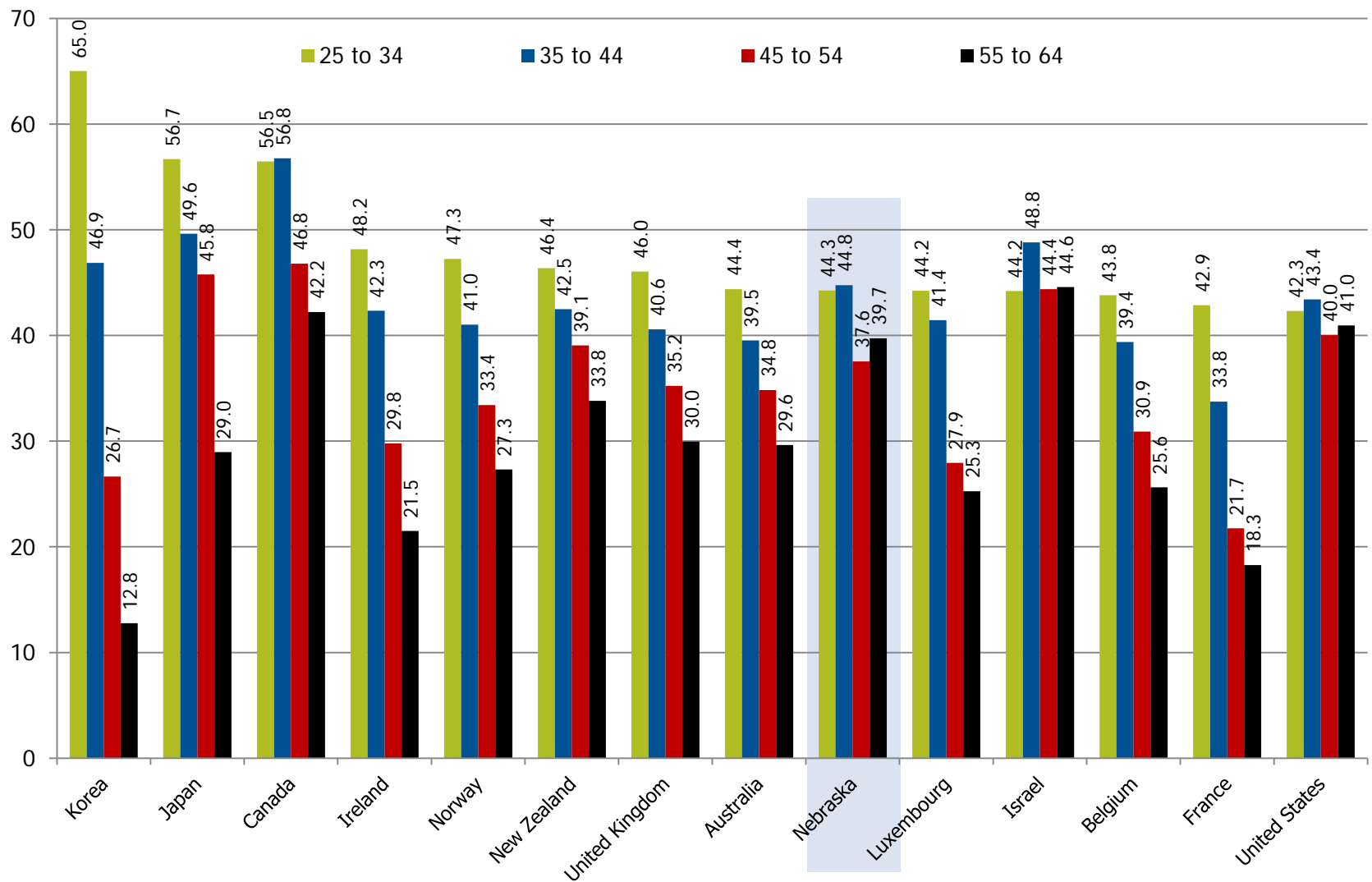


Comparing Nebraska with Nations and Other States in the Percentage of Young Adult Degree Attainment (Ages 25-34)

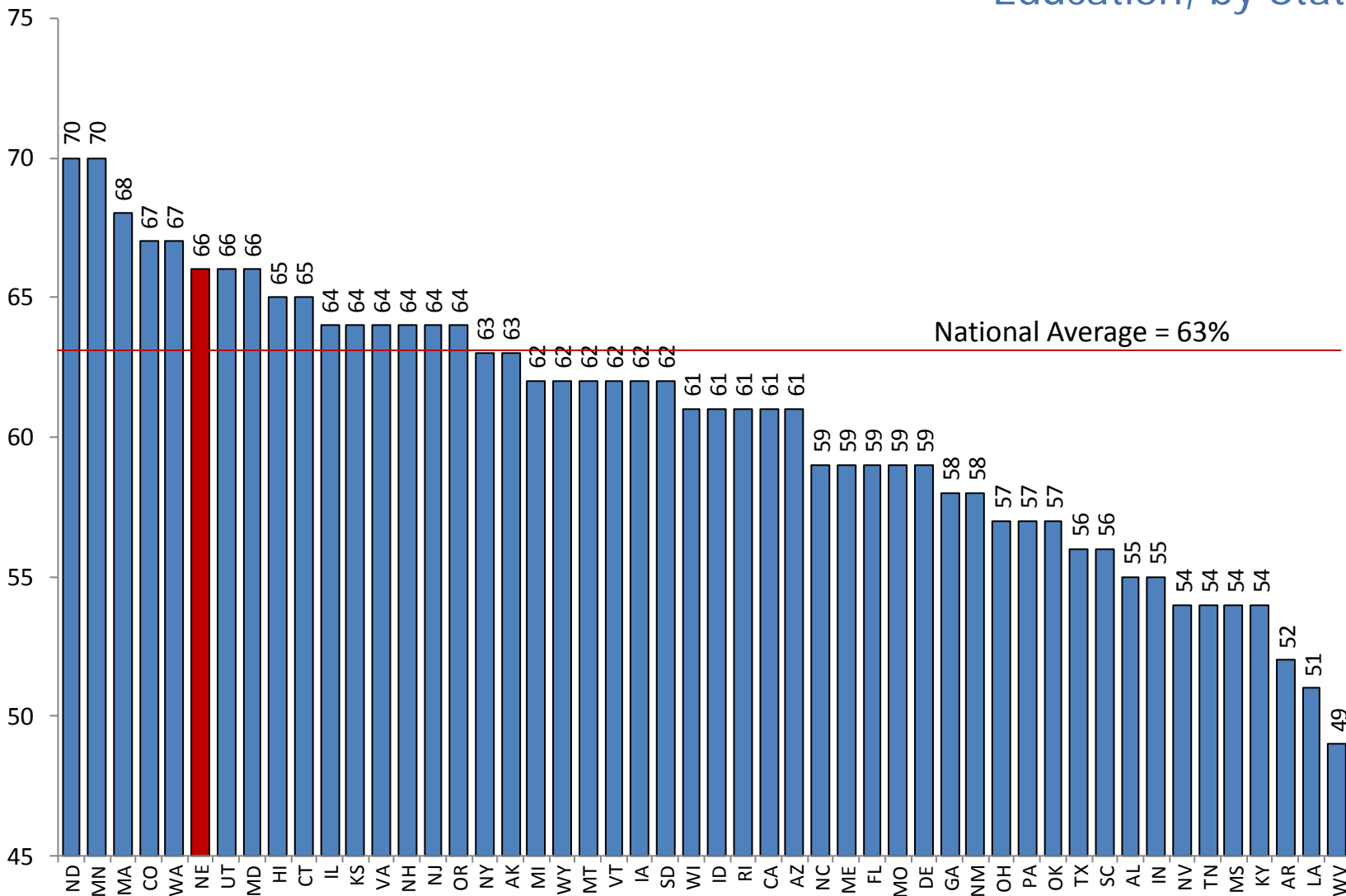
U.S. States	%	OECD Country
	60	Korea (65.0)
	58	
	56	Japan, Canada
Massachusetts	54	
North Dakota	52	
Minnesota • New York	50	
New Jersey	48	Ireland
New Hampshire		Norway
Connecticut • Iowa	46	New Zealand, United Kingdom
Virginia • Illinois • Maryland • South Dakota		
Pennsylvania • Nebraska • Colorado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



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

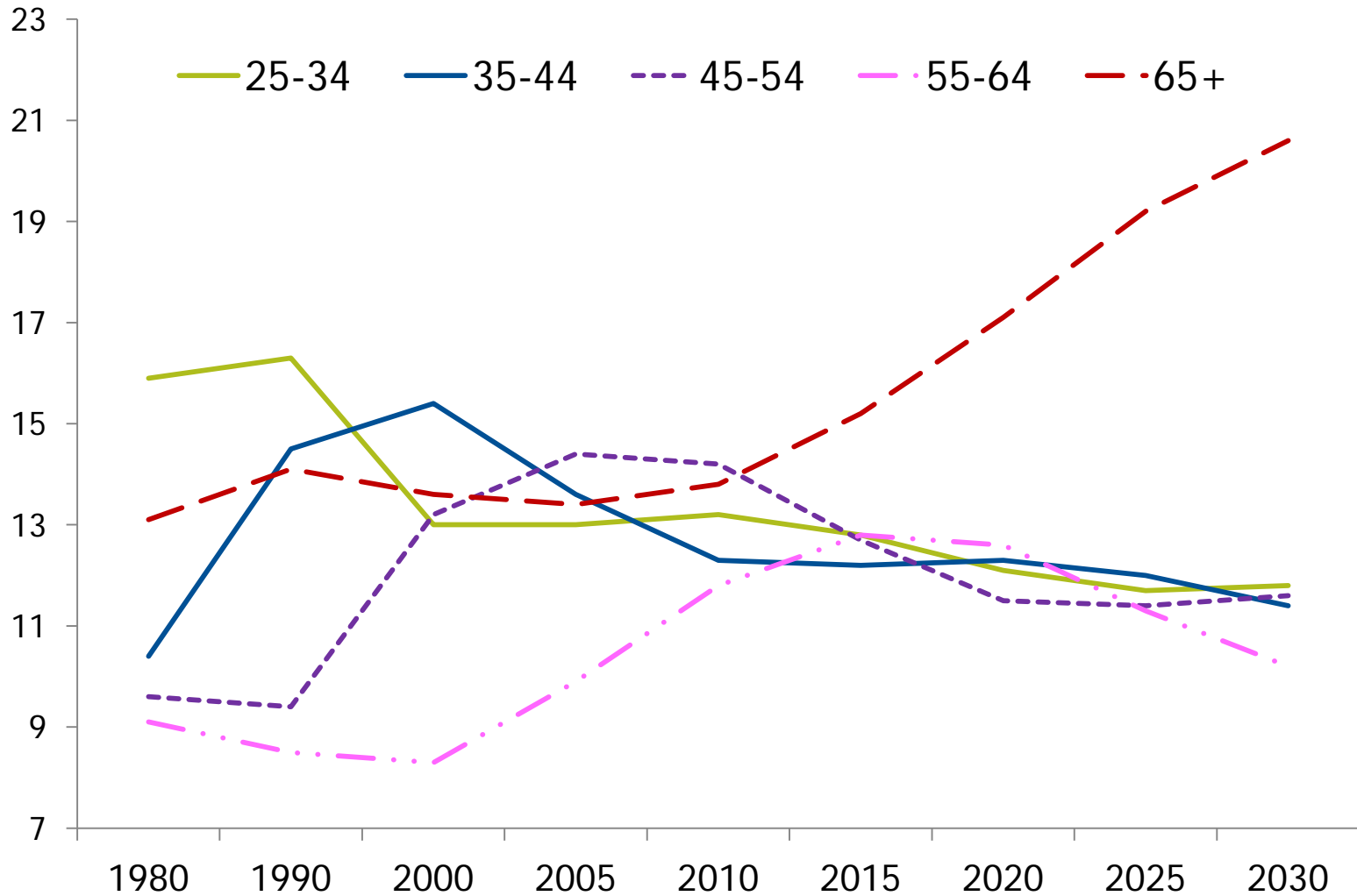


Percentage of Jobs in 2018 that Will Require a Postsecondary Education, by State

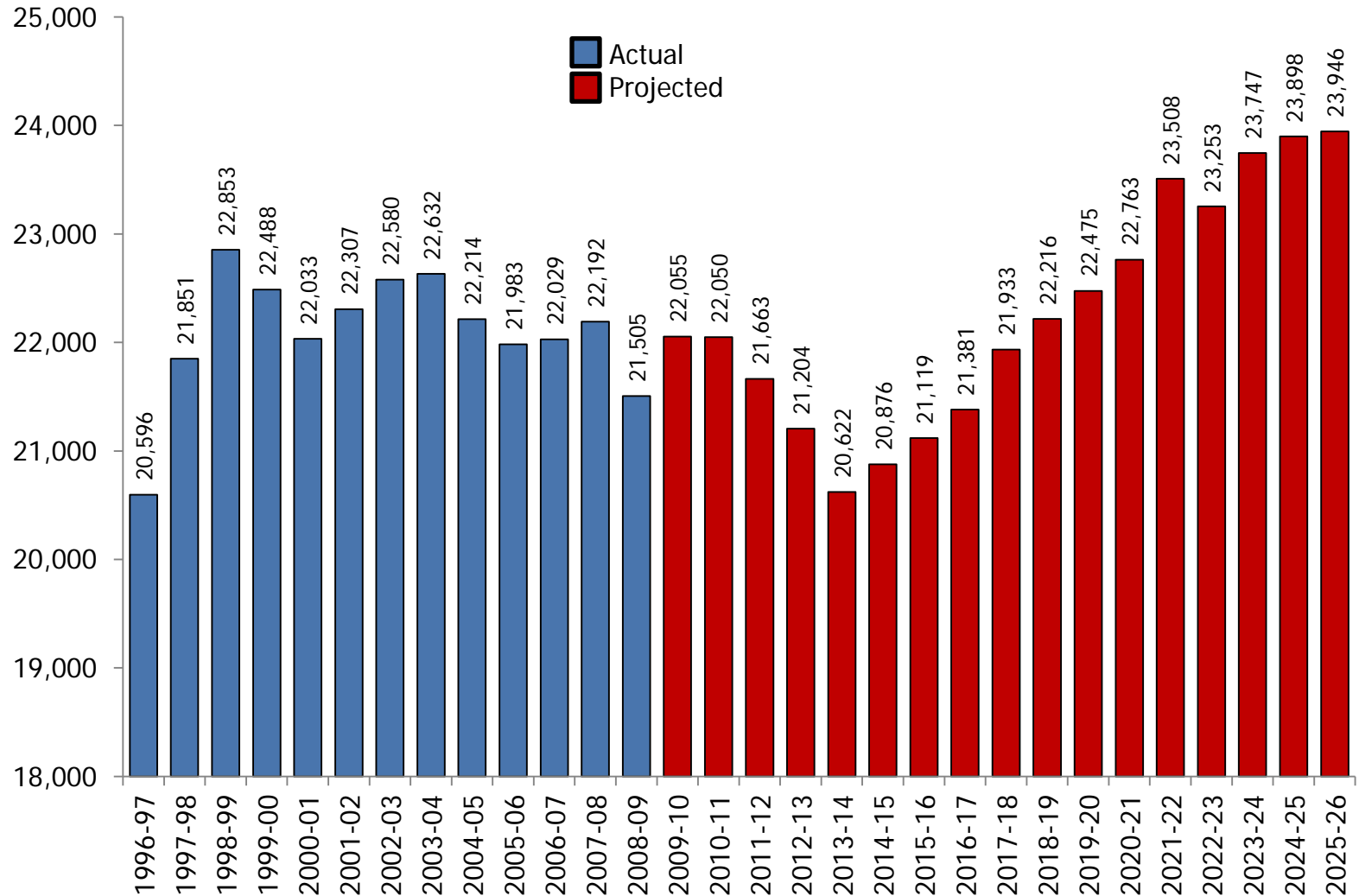


National Average = 63%

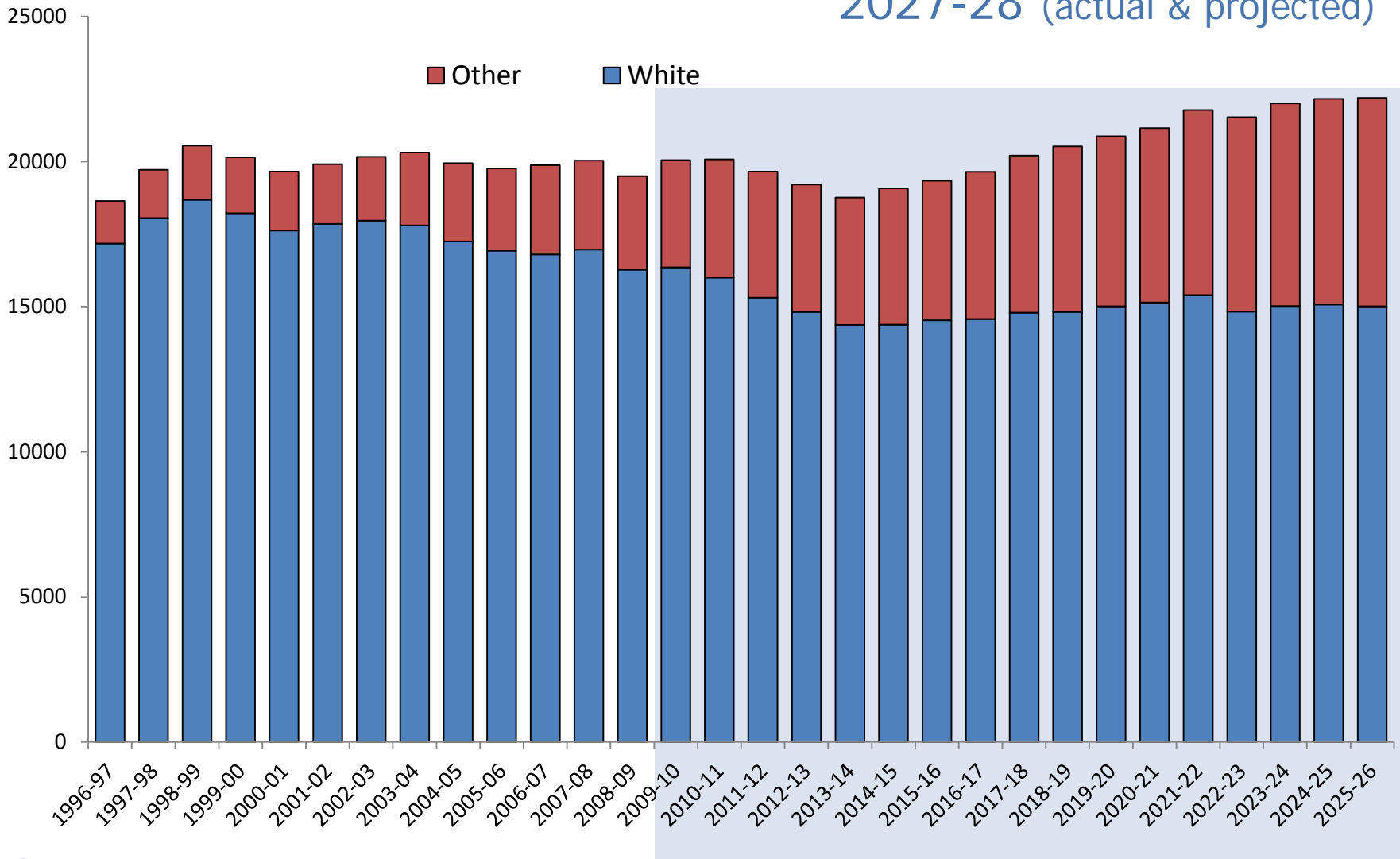
Projected State Populations by Age Category



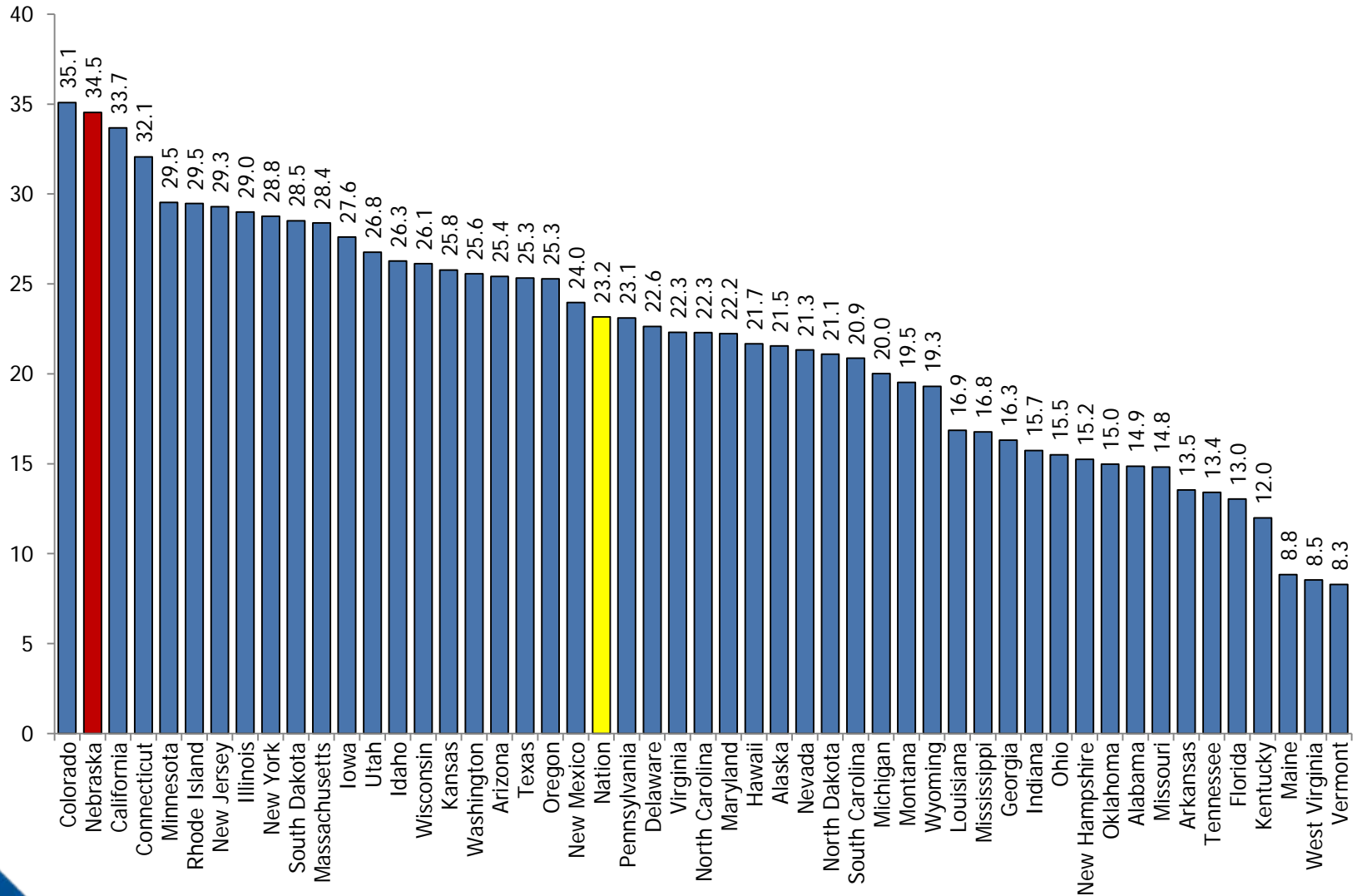
All High School Graduates, Nebraska, 1996-97 through 2027-28 (actual & projected)



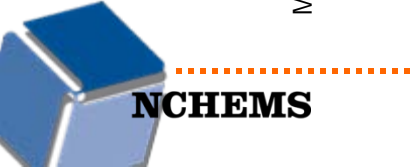
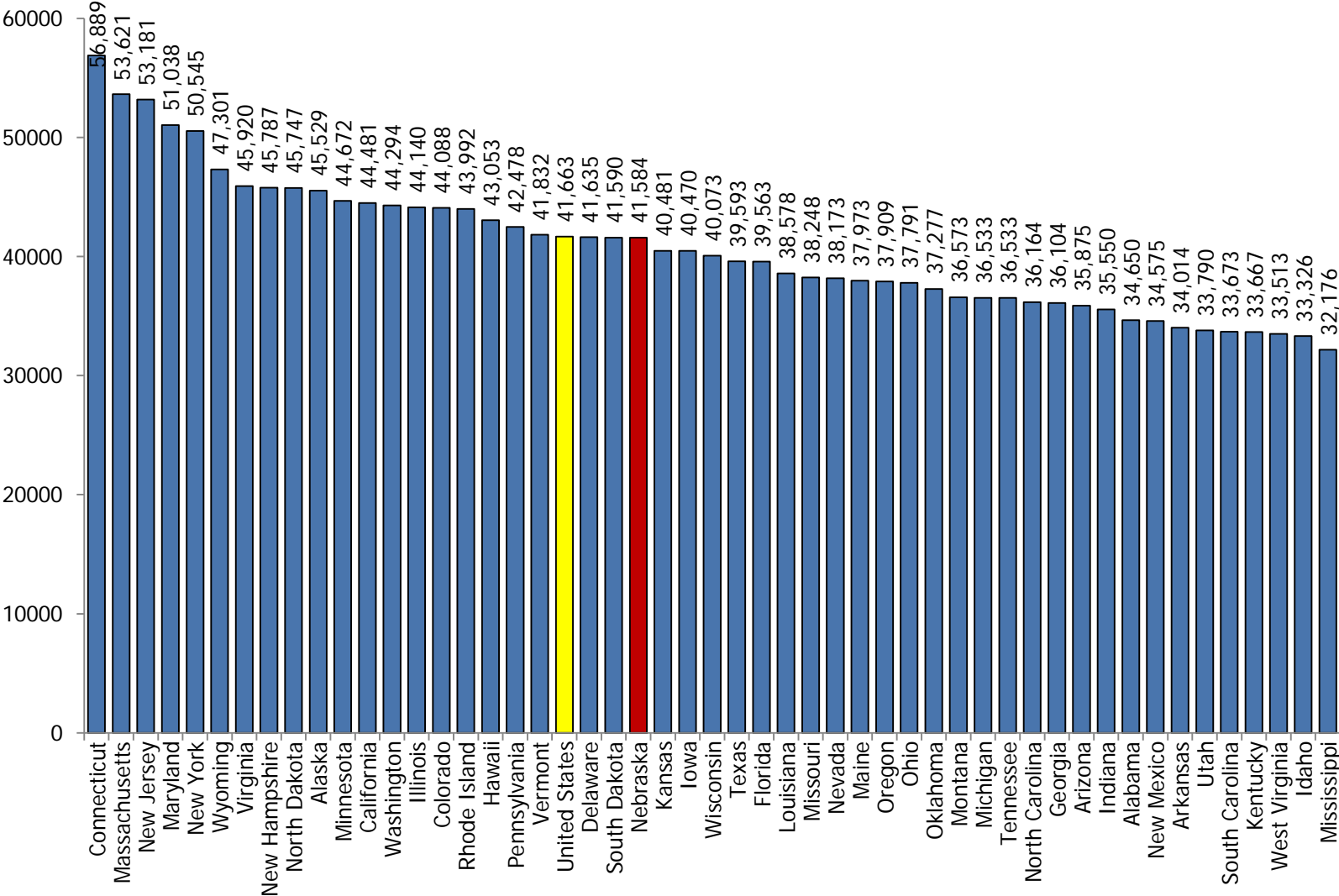
All High School Graduates, Nebraska, 1996-97 through 2027-28 (actual & projected)



Difference in College Attainment Between Whites and Minorities (Blacks, Hispanics, Native Americans) (2008-10)

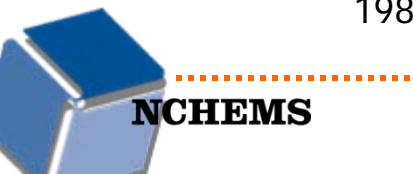
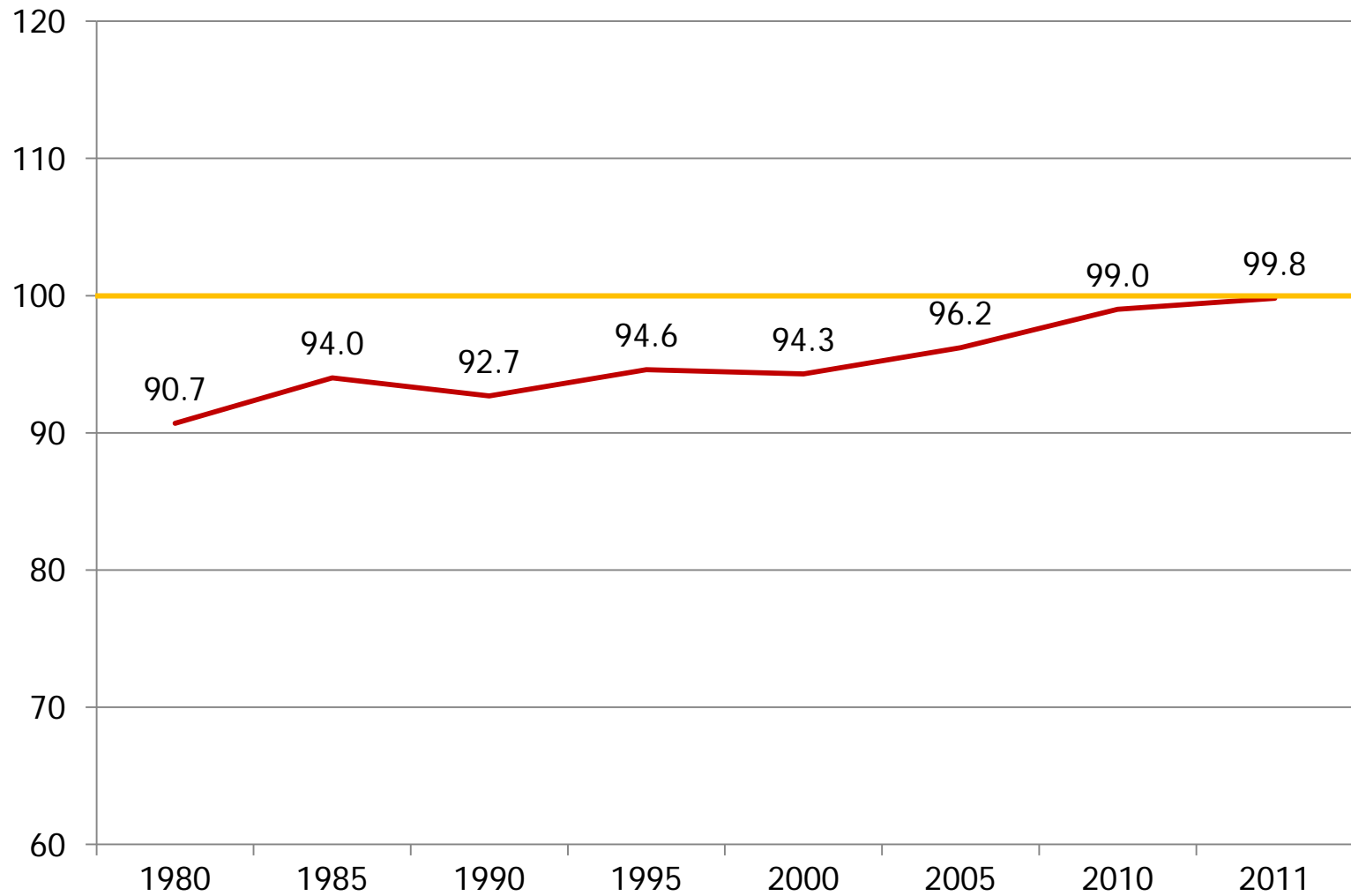


Personal Income per Capita (2011)

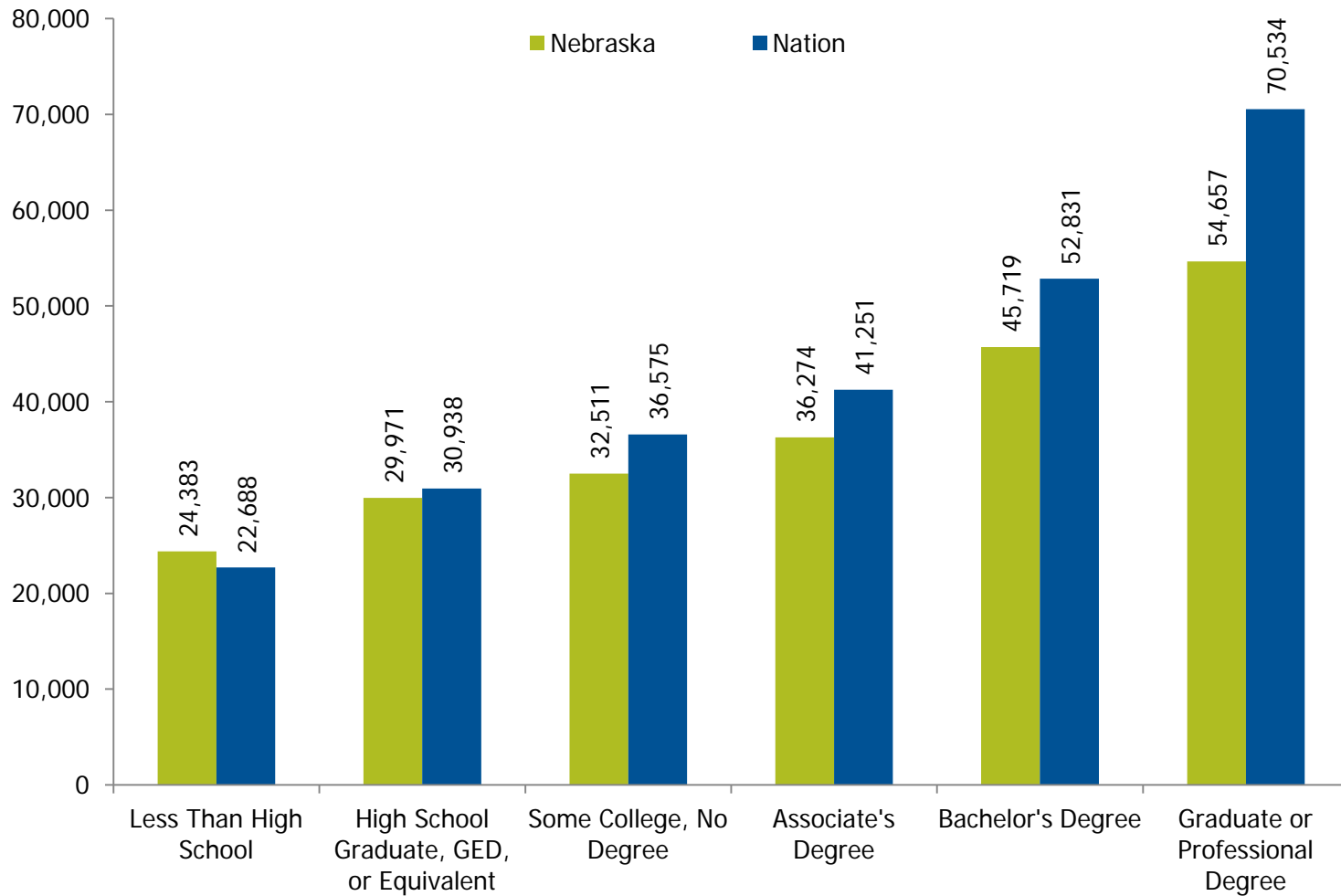


Source: U.S. Bureau of Economic Analysis

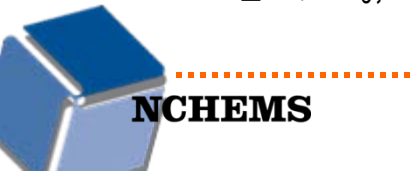
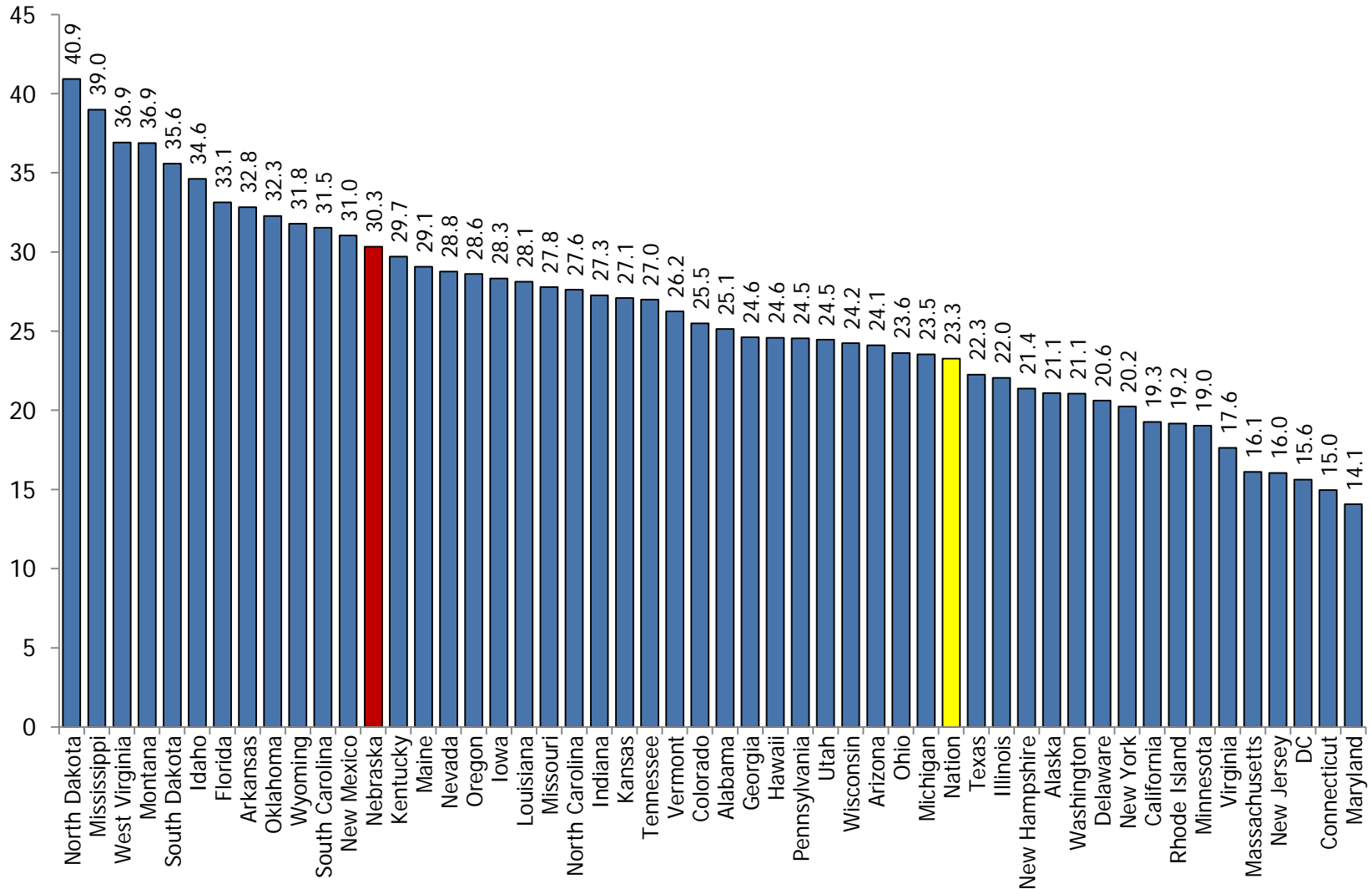
Nebraska Personal Income per Capita as a Percent of the U.S. Average, (1980-2011)



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

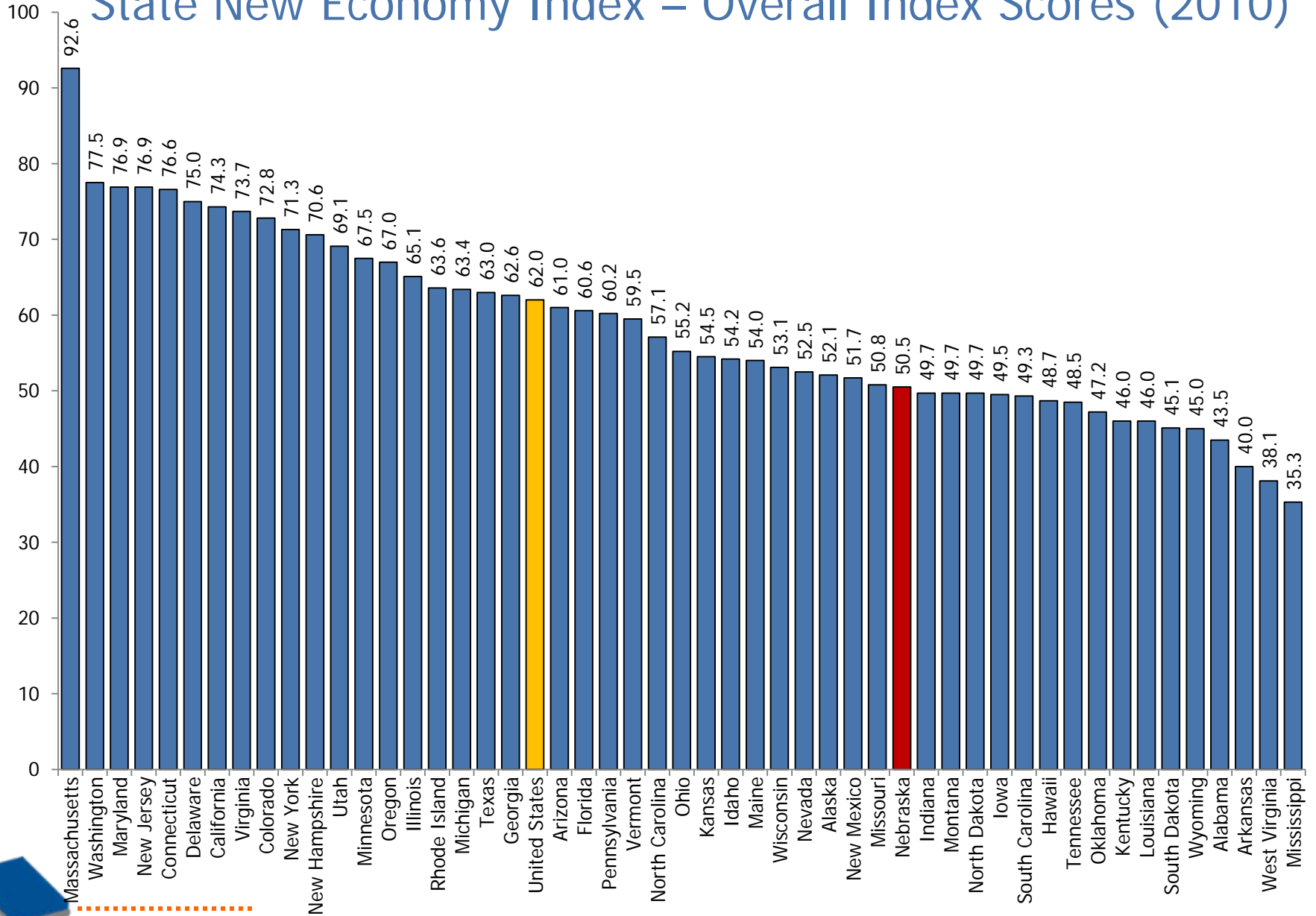


Percent of Workers with College Degrees Earning Low Wages, 2010

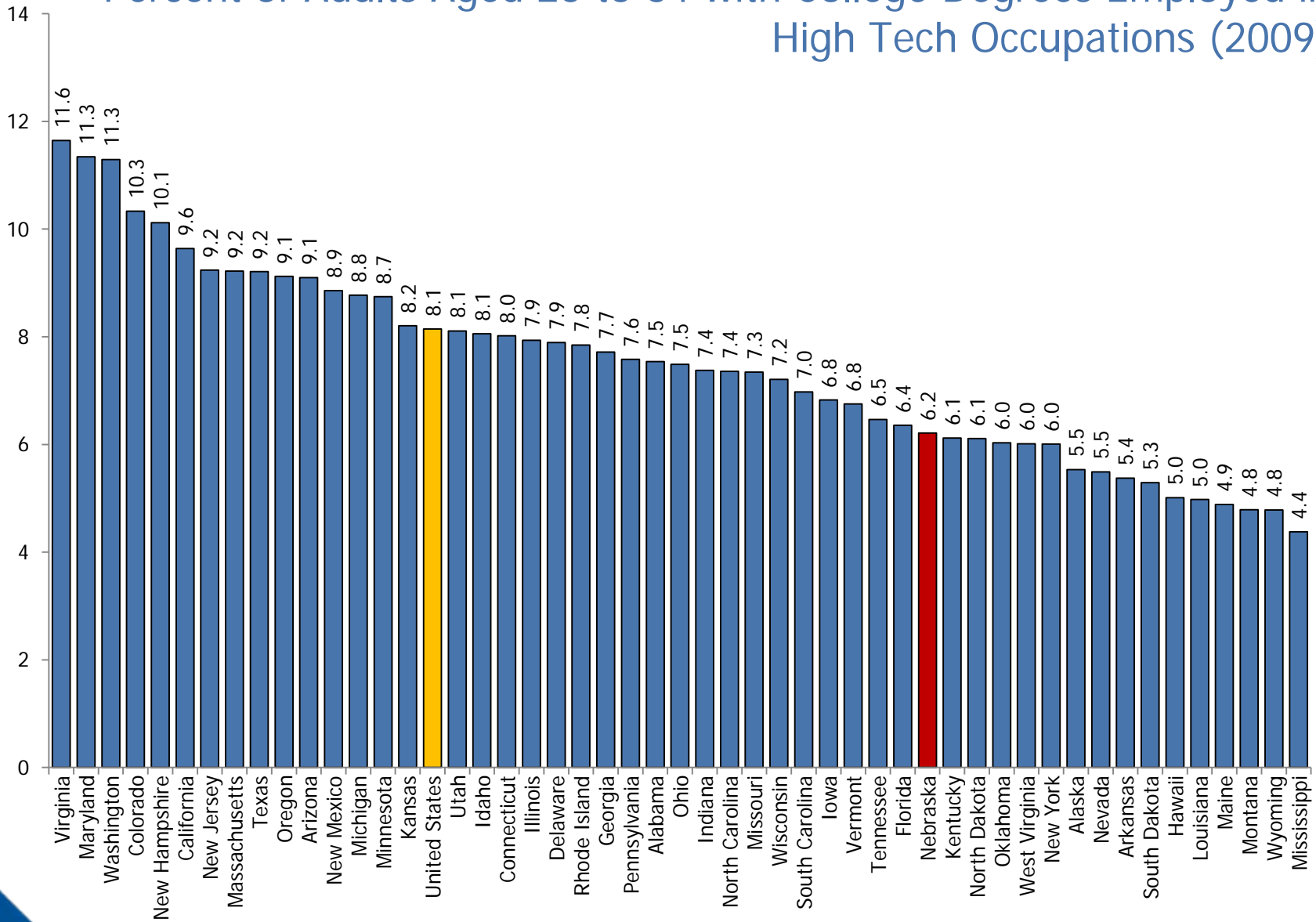


Source: U.S. Census Bureau, 2010 American Community Survey One-Year Public Use Microdata Sample File.
 Note: Low Wages Indexed to U.S. Median Wage of Workers with Just a High School Diploma (\$29,221)

State New Economy Index – Overall Index Scores (2010)

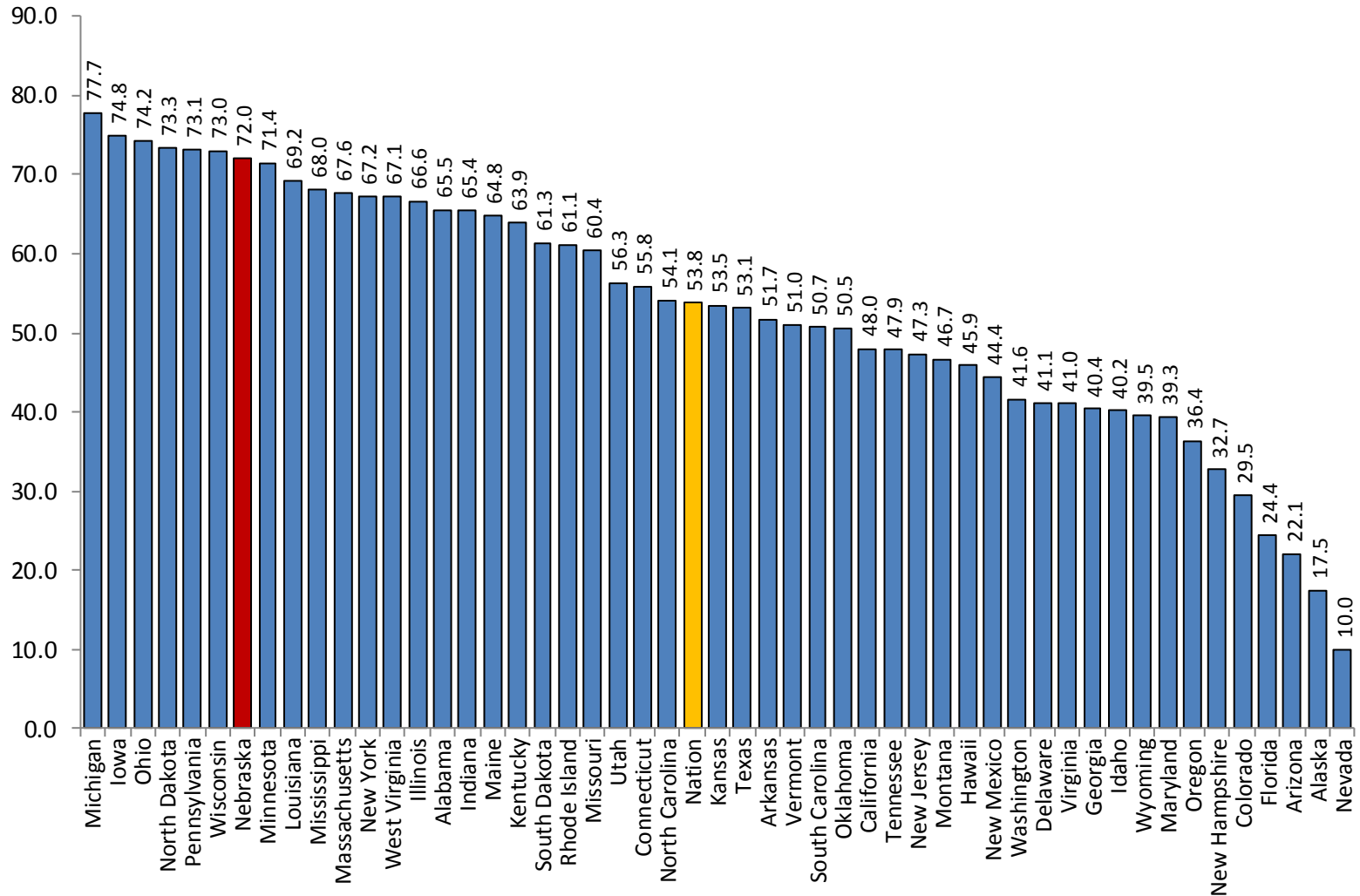


Percent of Adults Aged 25 to 64 with College Degrees Employed in High Tech Occupations (2009)

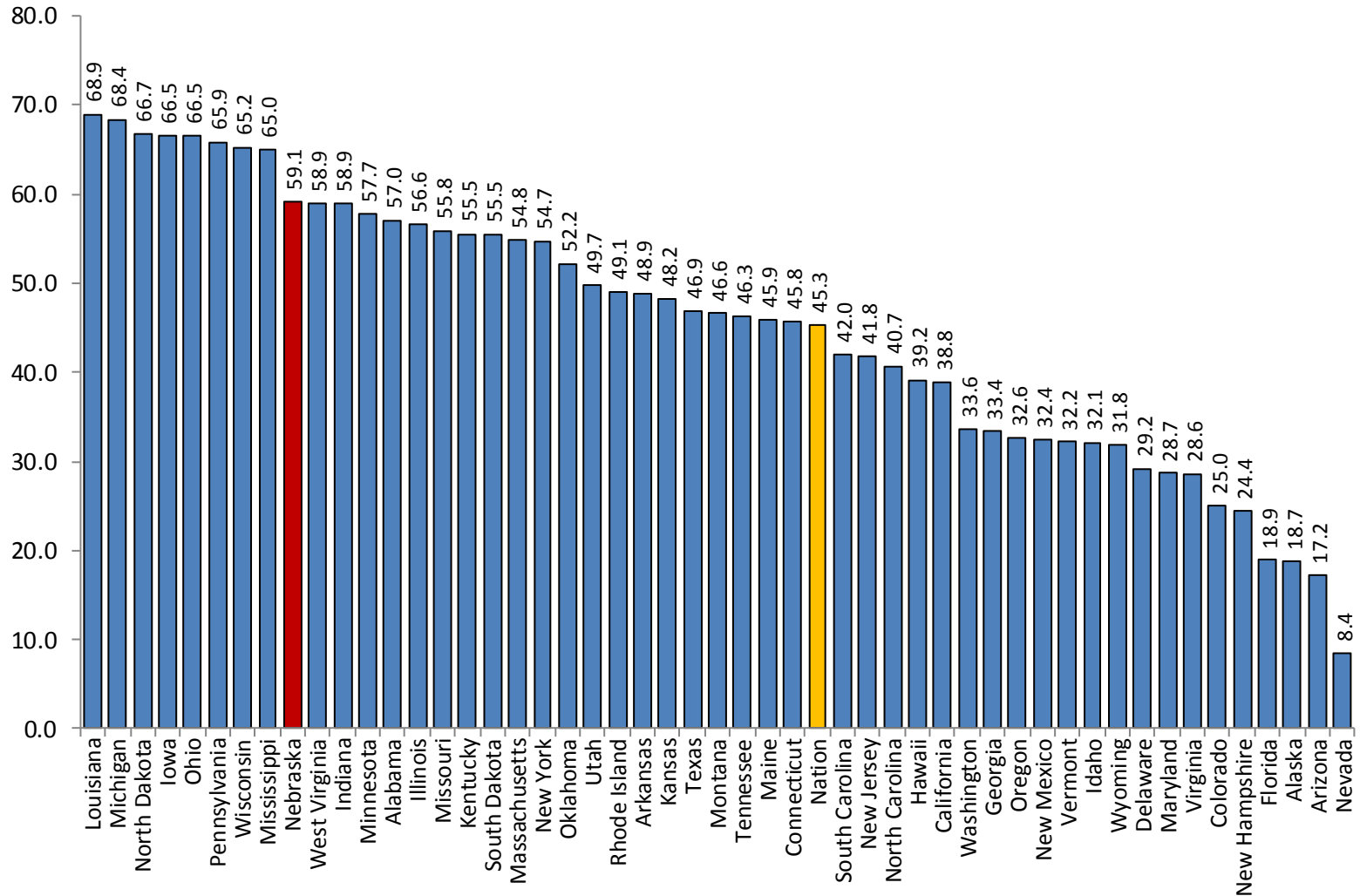


Source: U.S. Census Bureau, 2009 American Community Survey (Public Use Microdata Samples)

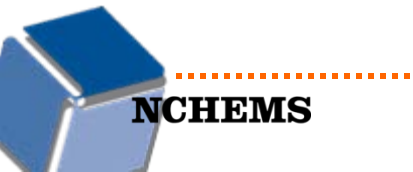
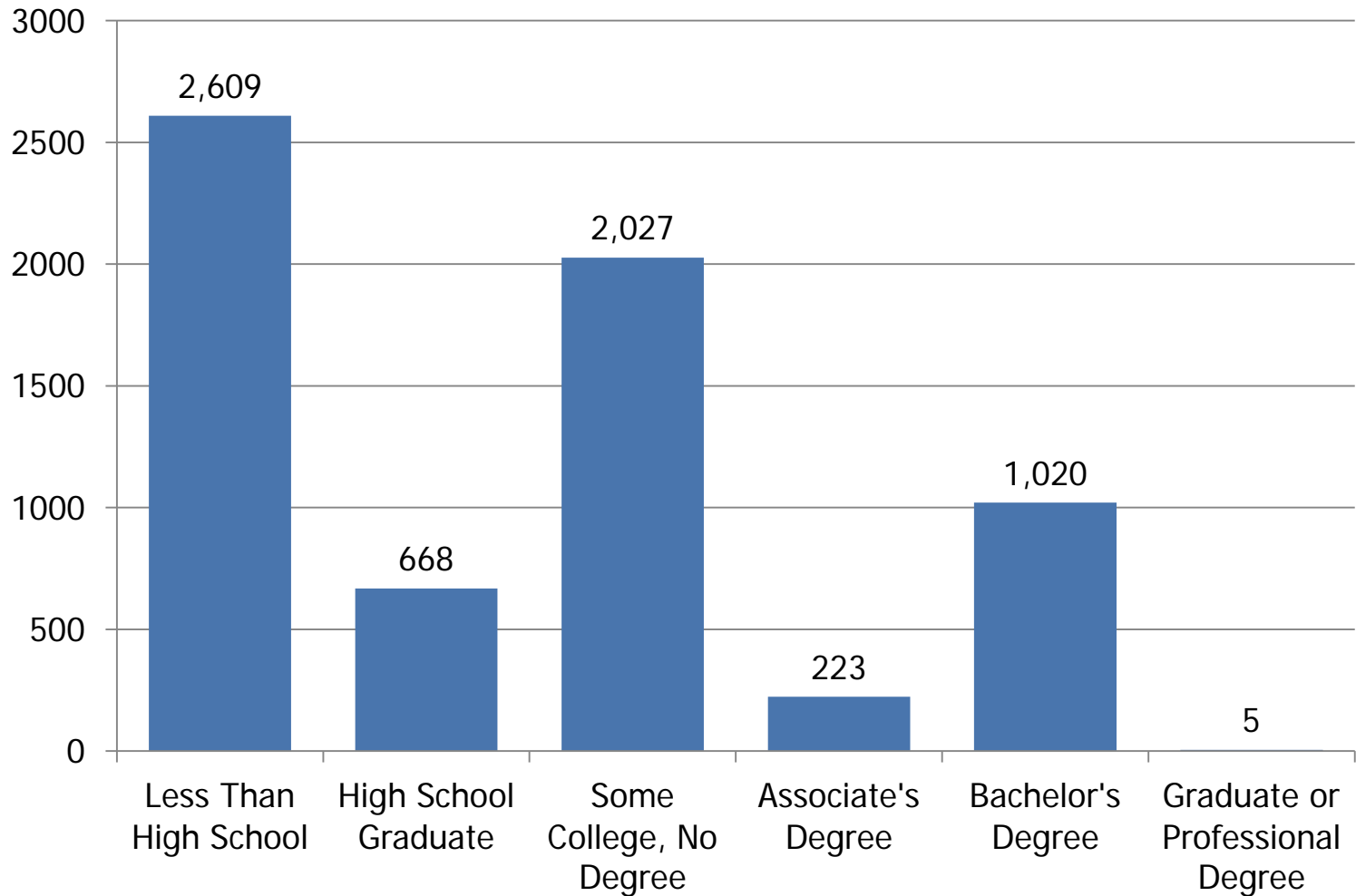
Percent of Population with an Associates Degree Who are State Natives, 2009



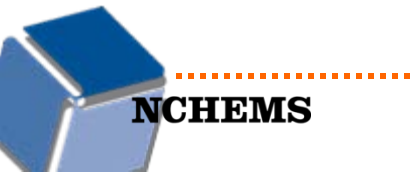
Percent of Population with an Bachelor's Degree who are State Natives, 2009



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



Percent of Population Age 25-64 with at Least an Associates Degree, 2006-10



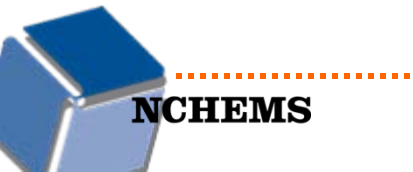
Nebraska = 41.1%

Source: U.S. Census Bureau, 2006-10 American Community Survey.

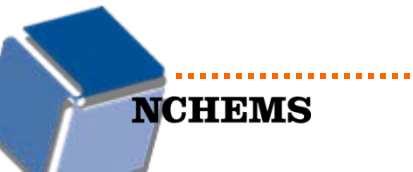
An Illustrative Set of Goals Drawn from the Data Presented

- A. Increase the postsecondary education attainment levels of the working age population to 68-70% by 2025.
- B. Decrease the education attainment gap between whites and minorities to a point at or below the national average by 2025.
- C. Contribute to the expansion and diversification of the private sector economy of the state. Set an expectation that per capita income in the state will be 10% above the national average by 2025.
- D. Attend to the economic development needs of rural Nebraska. Reduce county-to-county education attainment and income gaps from roughly 250% to 200% by 2025; in the process, create a circumstance in which 25 counties have education attainment levels that exceed the statewide average within this period of time.
- E. Revise the public policy relationships between the State of Nebraska and its community colleges in ways that ensure that state priorities are addressed while maintaining local governance.

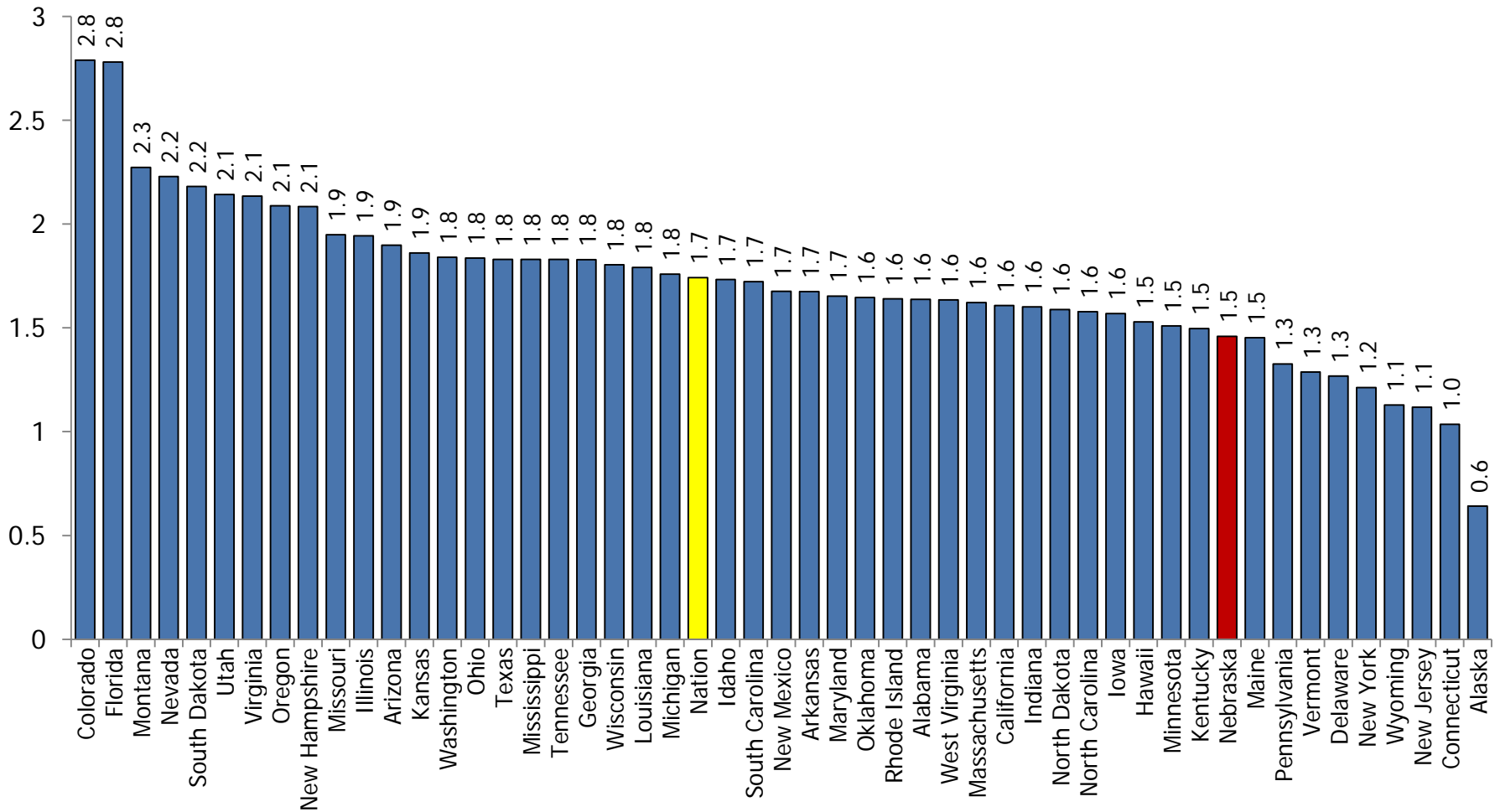
How Do You Get There from Here?



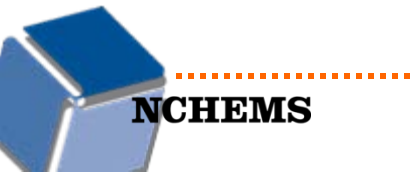
<http://www.nchems.org/NCHEMSCLASPNebraskaModel.swf>



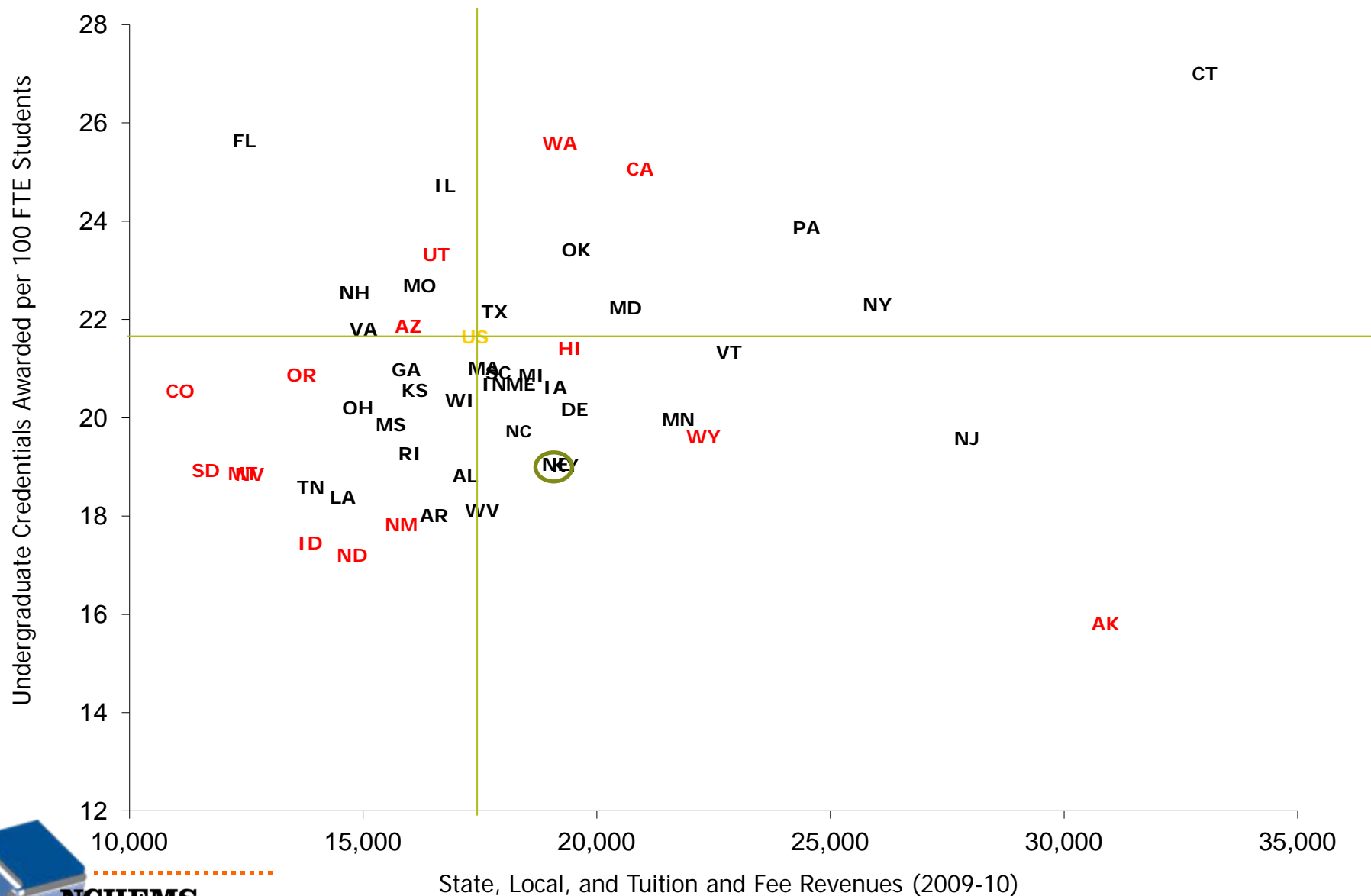
Awards per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues, 2010, Public Research



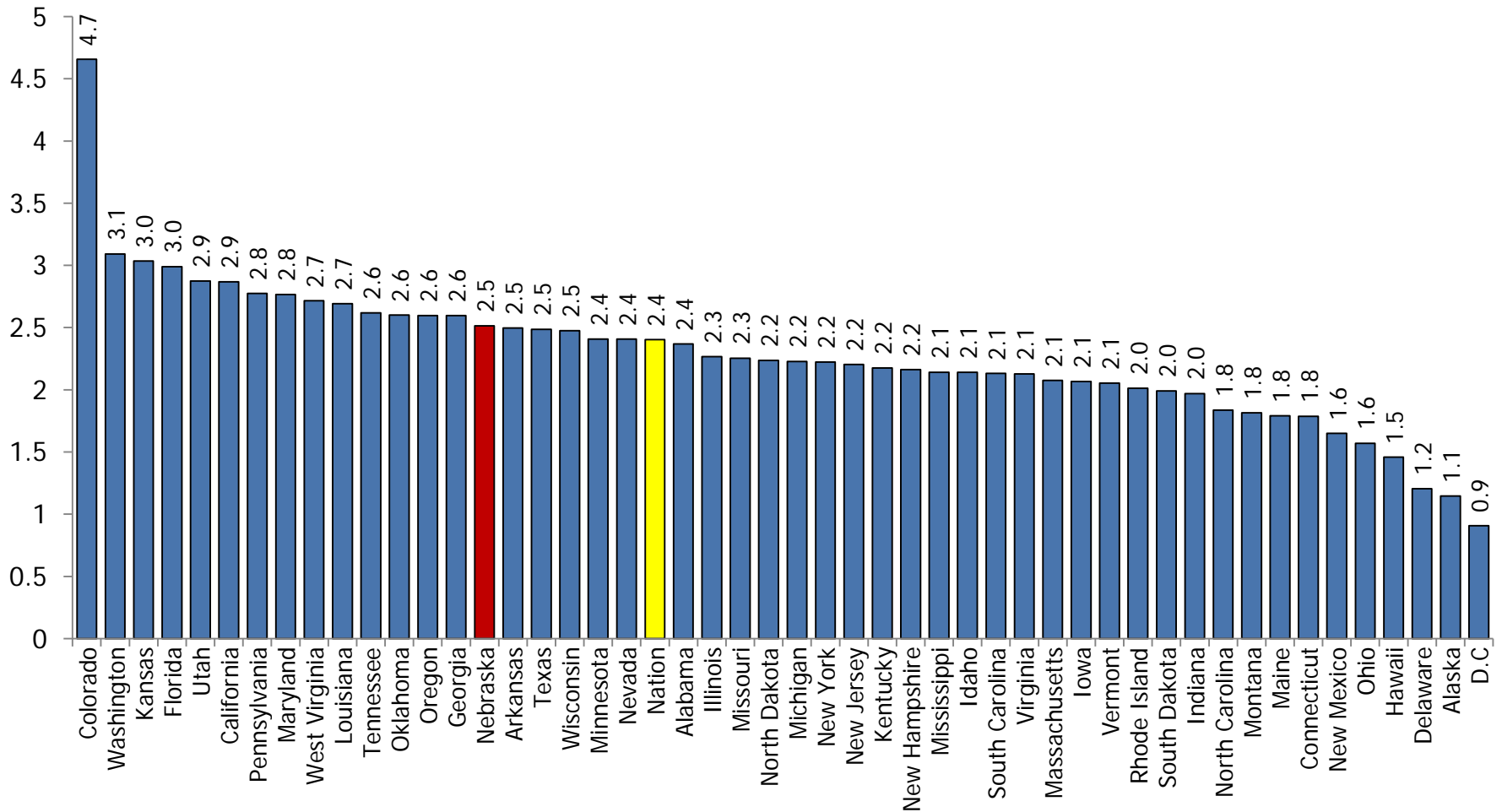
Sources: NCES, IPEDS 2010 Completions File; c2005_a, c2009_a, and c2010_a Final Release Data Files.
 NCES, IPEDS 2009-10 Finance Files; f0405_f1a, f0405_f2, f0809_f1a, f0809_f2 F
 Final Release Data Files; f0910_f1a, f0910_f2 Early Release Data Files Downloaded 10-11-11.
 U.S. Census Bureau, 2010 American Community Survey (ACS) Public Use Microdata Sample (PUMS) Files.



Public Research Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student (2009-10)



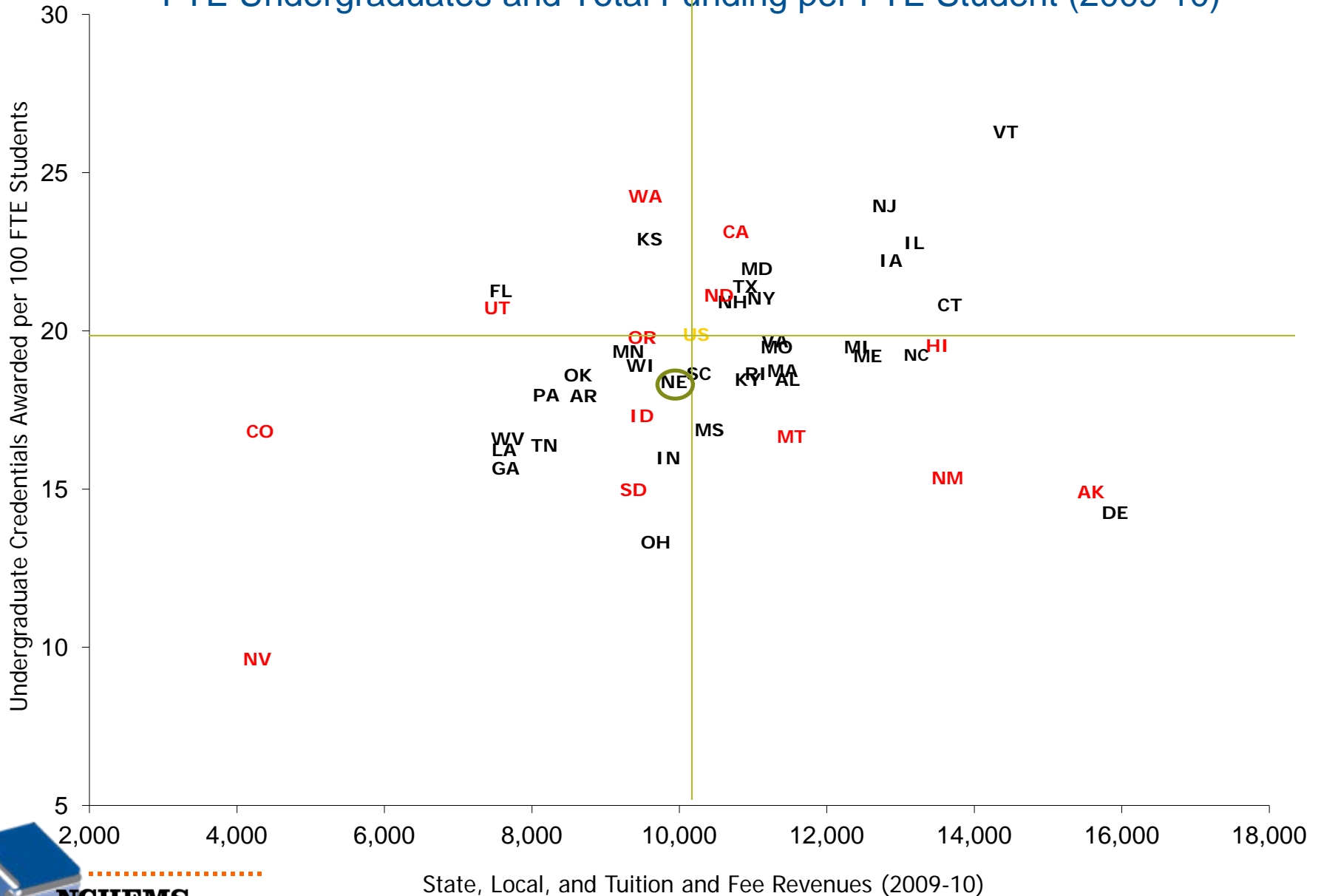
Awards per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues, 2010, Public Bachelors and Masters



Sources: NCES, IPEDS 2010 Completions File; c2005_a, c2009_a, and c2010_a Final Release Data Files.
 NCES, IPEDS 2009-10 Finance Files; f0405_f1a, f0405_f2, f0809_f1a, f0809_f2 F
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 U.S. Census Bureau, 2010 American Community Survey (ACS) Public Use Microdata Sample (PUMS) Files.

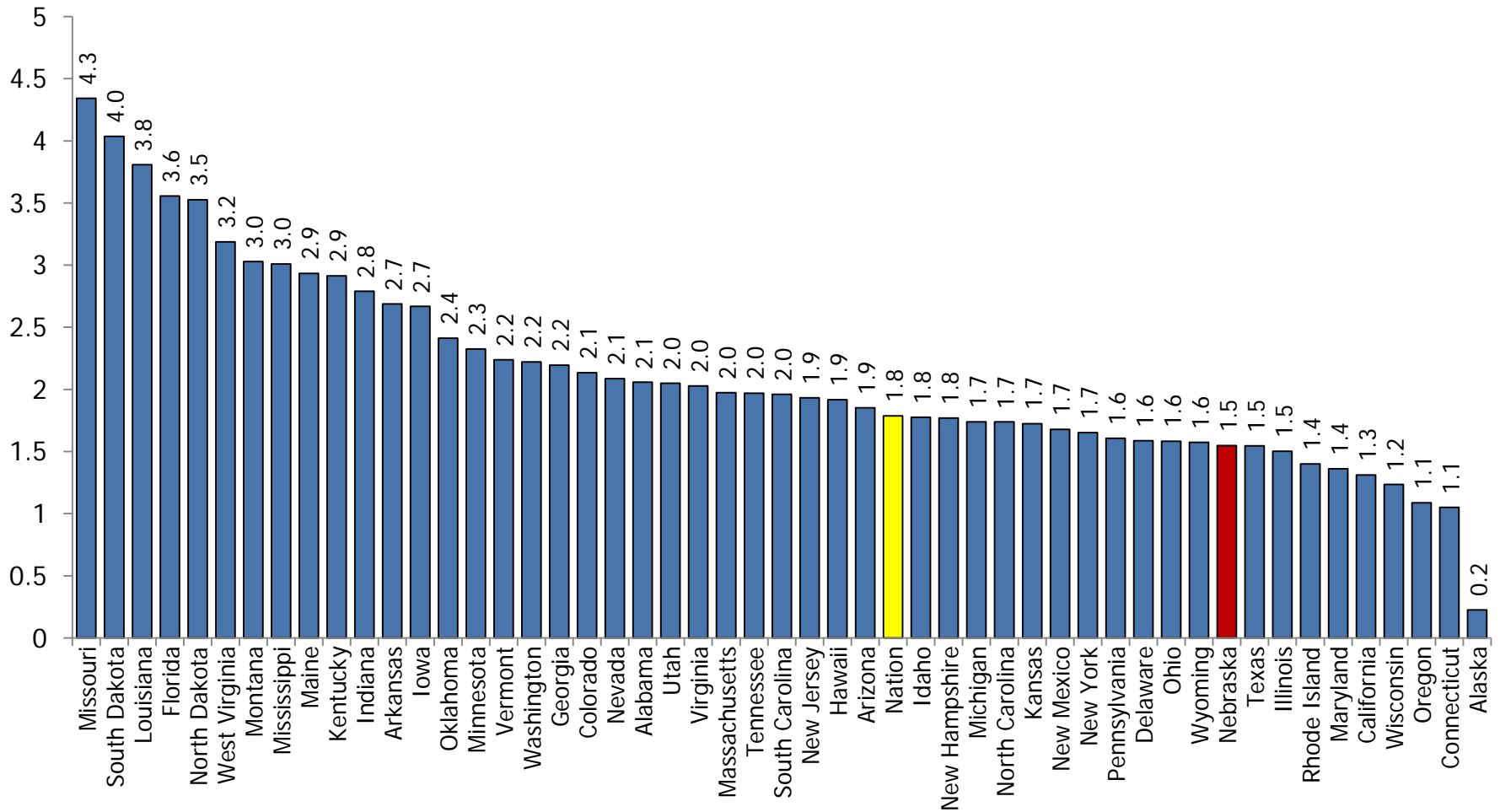


Public Bachelors and Masters Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student (2009-10)

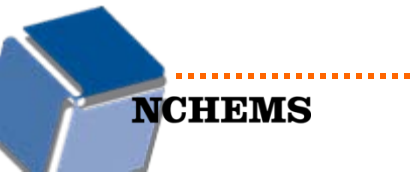


Sources: NCES, IPEDS Completions, Finance, and Enrollments Surveys.

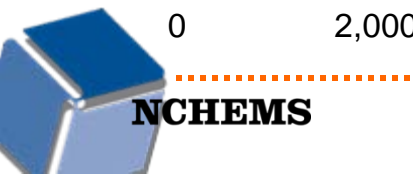
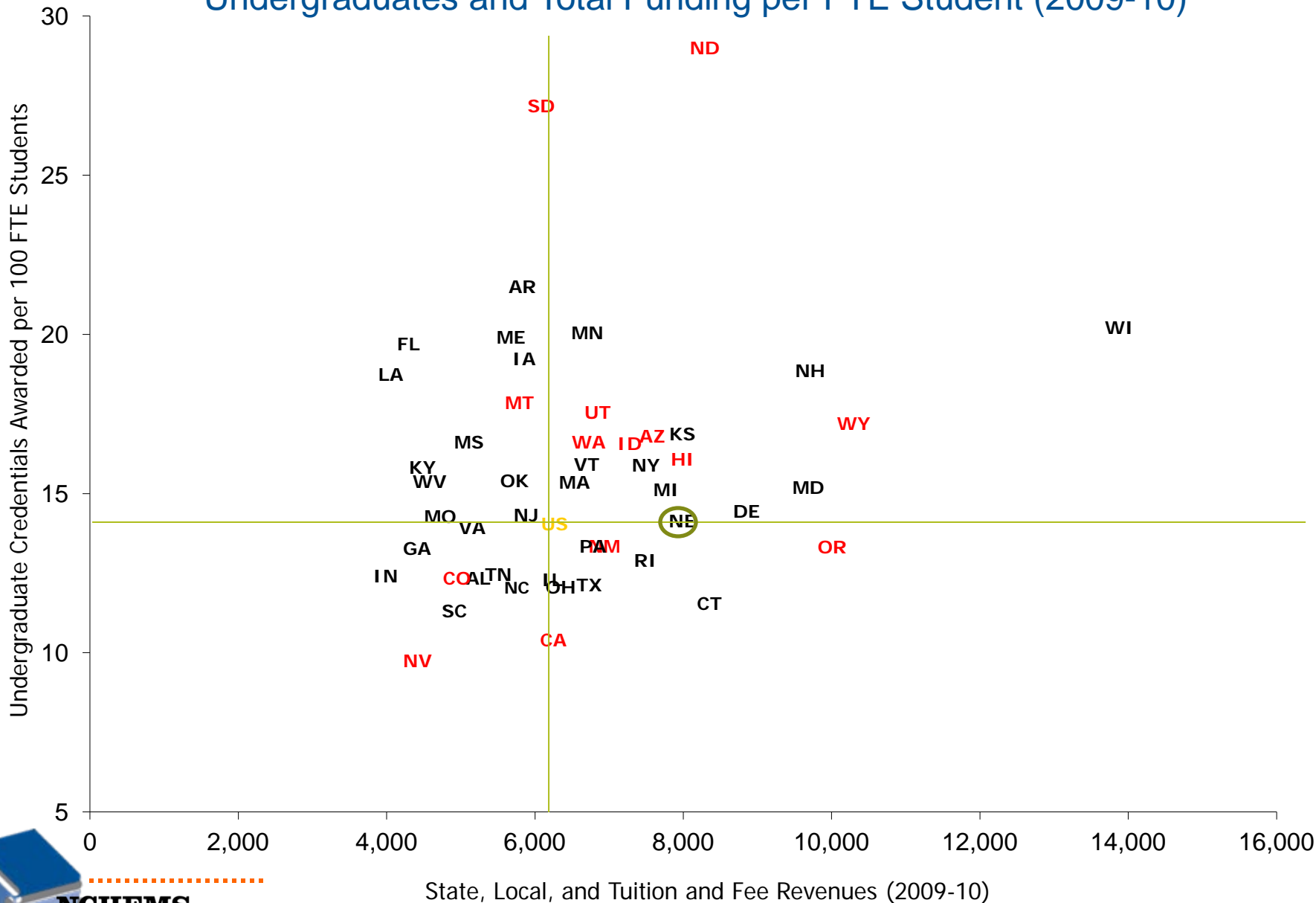
Awards per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues, 2010, Public Two-Year



Sources: NCES, IPEDS 2010 Completions File; c2005_a, c2009_a, and c2010_a Final Release Data Files.
 NCES, IPEDS 2009-10 Finance Files; f0405_f1a, f0405_f2, f0809_f1a, f0809_f2 F
 Final Release Data Files; f0910_f1a, f0910_f2 Early Release Data Files Downloaded 10-11-11.
 U.S. Census Bureau, 2010 American Community Survey (ACS) Public Use Microdata Sample (PUMS) Files.



Public Two-Year Institutions: Undergraduate Credentials per 100 FTE Students Undergraduates and Total Funding per FTE Student (2009-10)



Sources: NCES, IPEDS Completions, Finance, and Enrollments Surveys.

A Framework for Policymaking

Strategies for Achieving Goal Attainment	State Level Planning and Leadership	Finance	Regulation	Accountability	Institutional Governance
Goal 1			Alignment		
Goal 2					
Goal 3					

The diagram illustrates a framework for policymaking. It consists of a grid with six columns and four rows. The columns are labeled: 'Strategies for Achieving Goal Attainment', 'State Level Planning and Leadership', 'Finance', 'Regulation', 'Accountability', and 'Institutional Governance'. The rows are labeled: 'Goal 1', 'Goal 2', and 'Goal 3'. A horizontal double-headed arrow spans across the 'Regulation' column, with a green box labeled 'Alignment' centered on it. A vertical double-headed arrow spans across the 'Goal 1', 'Goal 2', and 'Goal 3' rows, with a green box labeled 'Consistency' centered on it.

The Way Forward

What Needs to be Done at the Policy Level

1. Develop a widely understood and accepted set of goals
 - Legislative and gubernatorial commitment
2. Review existing policies, regulations and procedures with an eye to eliminating those that serve as barriers to progress on goal achievement
3. Develop finance mechanisms that link allocation of funds to goals. Revisit the nature of the fiscal relationships between the state and community colleges (move from revenue sharing to pay-for-performance)
4. Create a mechanism for sustaining the agenda
 - Annual report card
 - Focused analyses
 - Semi-annual meetings focused on progress and strategies
5. Invest in data and analytic capacity