

The Context for Education Policymaking in Connecticut



Prepared for
Higher Education Planning Commission
Hartford, CT
October 8, 2013

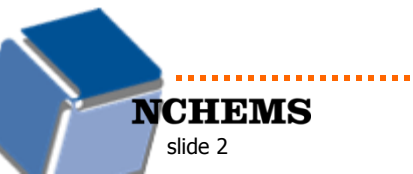


NCHEMS

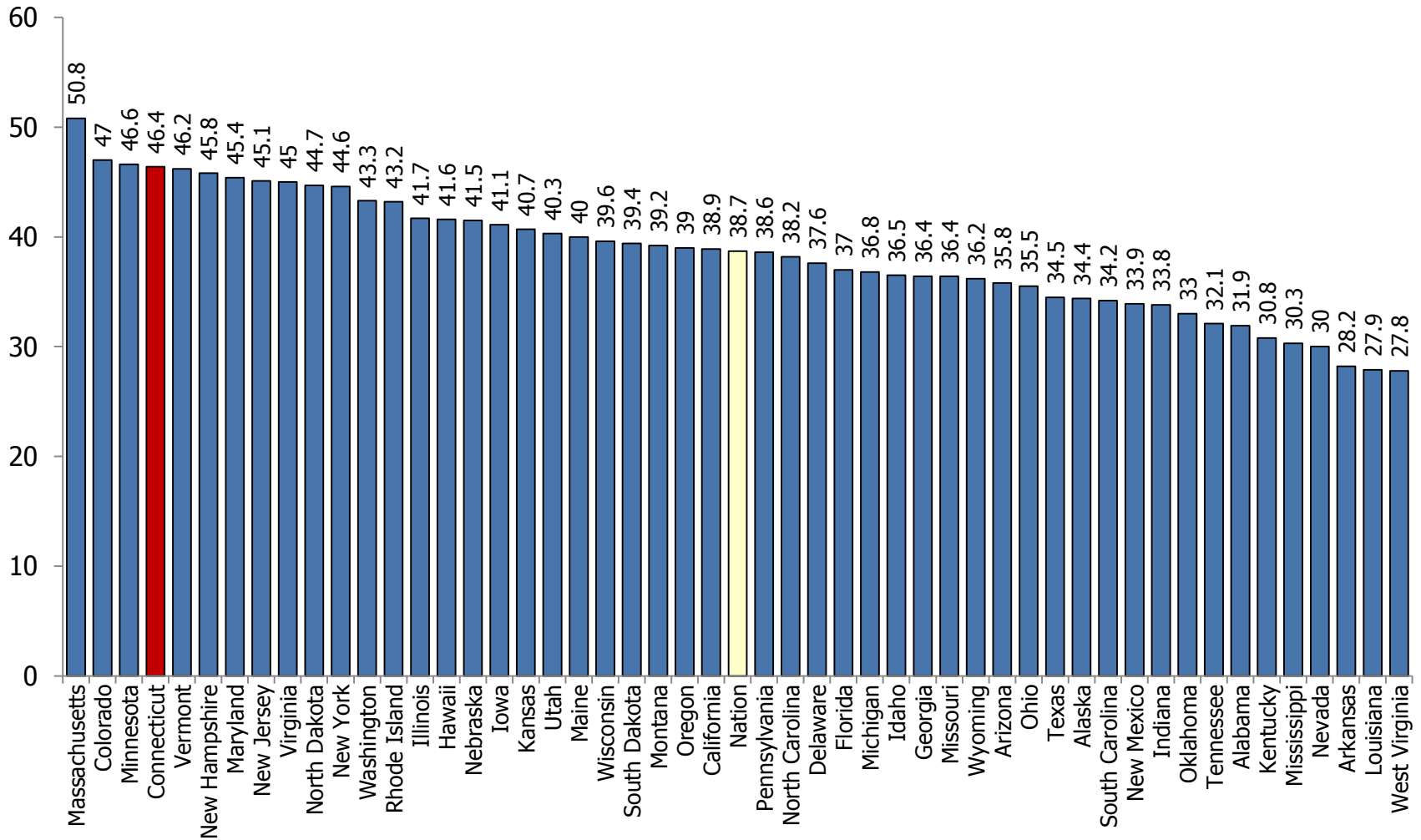
National Center for Higher Education Management Systems
3035 Center Green Drive, Suite 150
Boulder, Colorado 80301

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

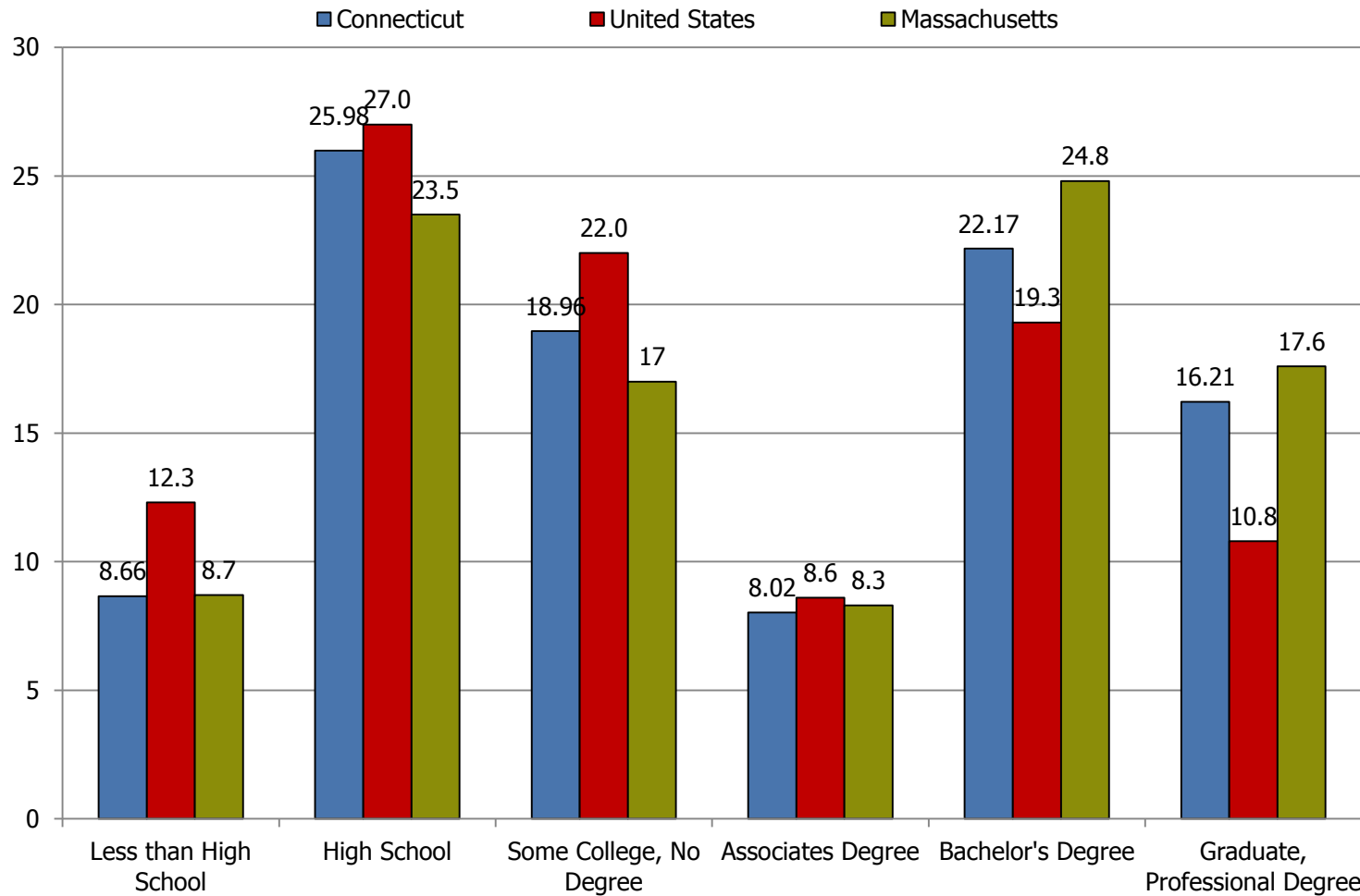
U.S. States	%	OECD Country
	60	Korea (65.0)
	58	
	56	Japan, Canada
Massachusetts	54	
North Dakota	52	
Minnesota • New York	50	
New Jersey	48	Ireland
New Hampshire	48	Norway
Connecticut • Iowa	46	New Zealand, United Kingdom
Virginia • Illinois • Maryland • South Dakota	46	
Pennsylvania • Nebraska • Colorado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



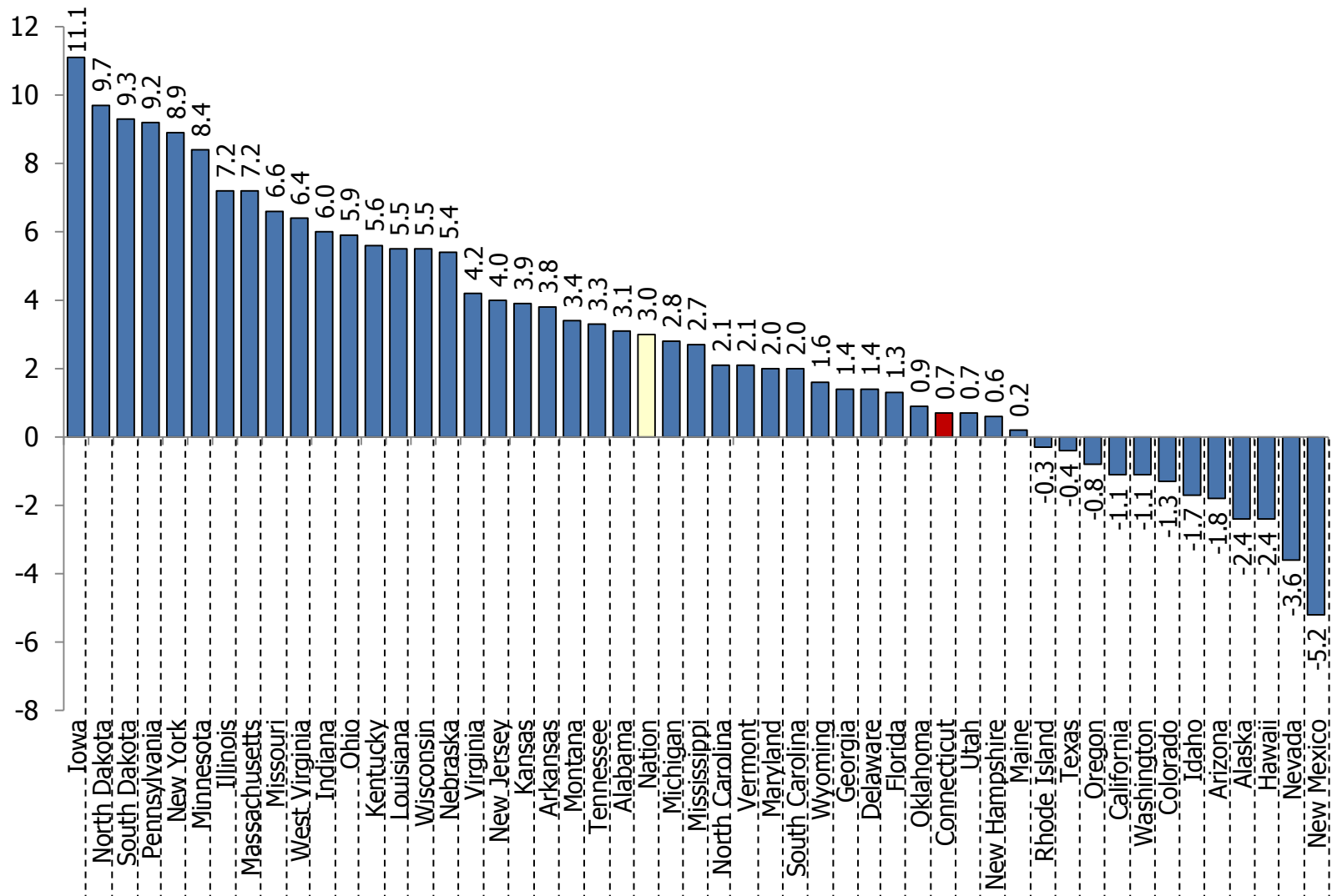
Percent of 25-64 Year Olds with College Degrees – Associate and Higher, 2011



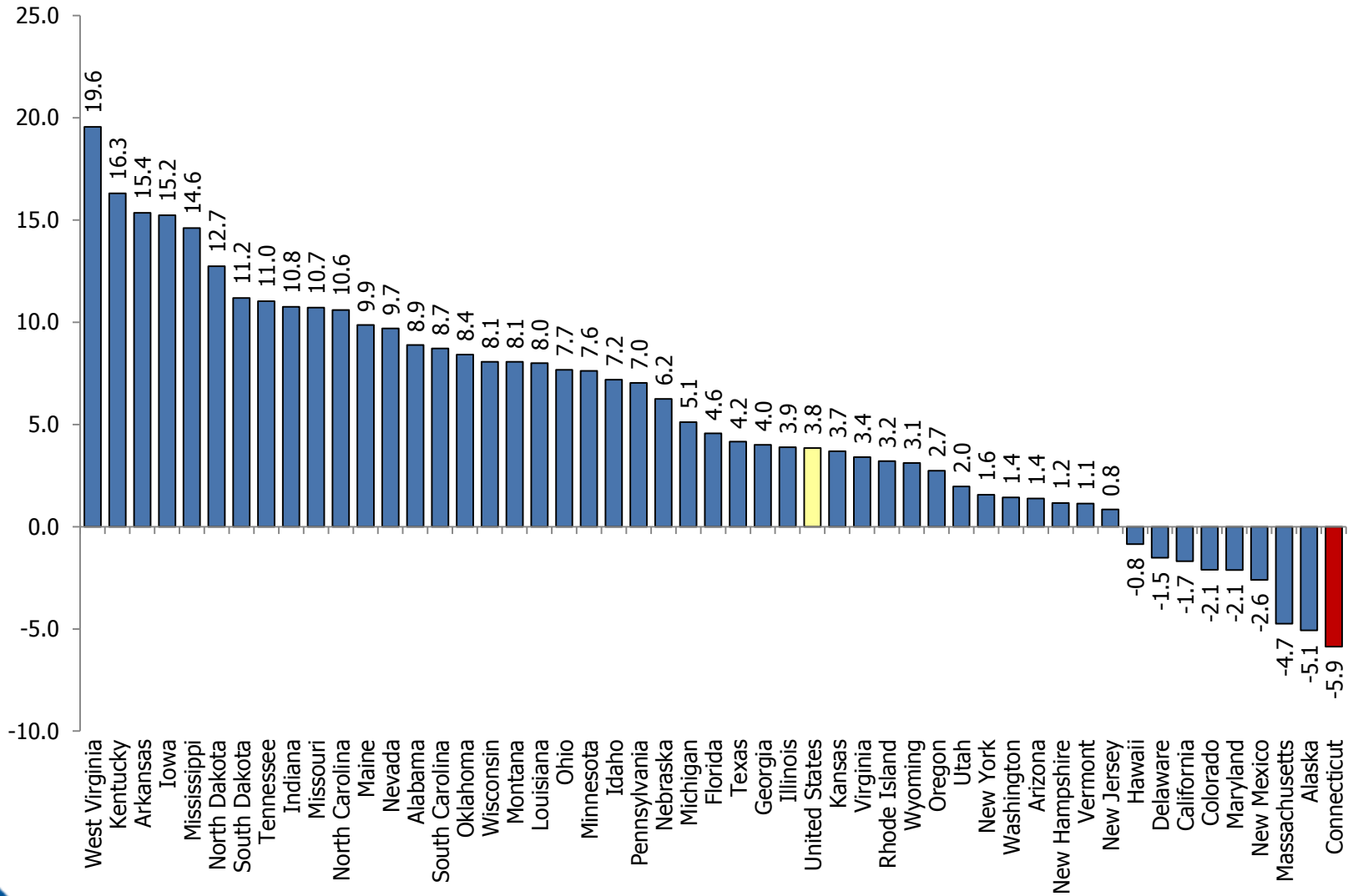
Educational Attainment of Working Aged Adults, Ages 25-64 – Connecticut, U.S., and Most Educated State, 2011



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

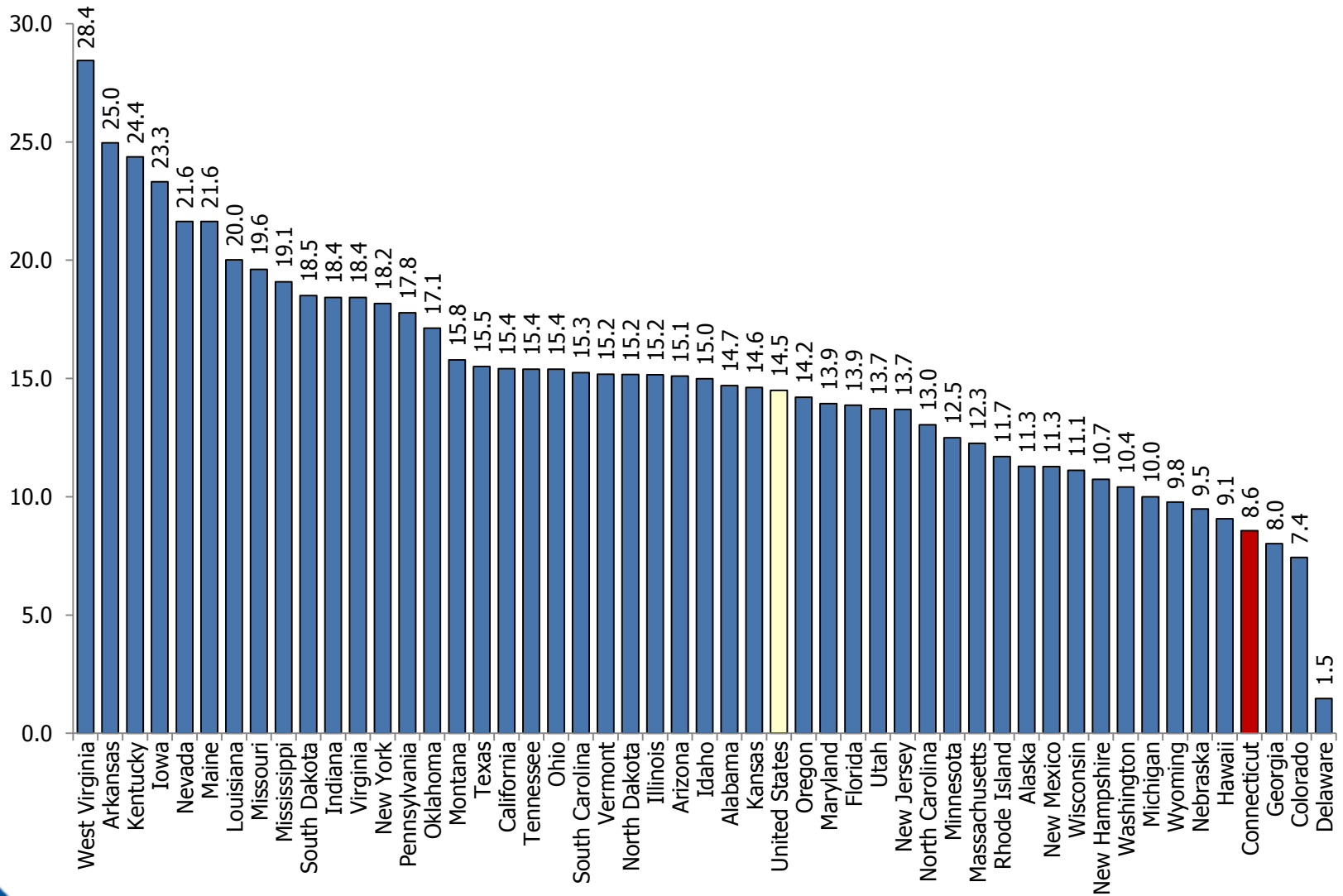


Change in College Attainment from 2000 to 2011 by State – 25 to 64 Year Olds



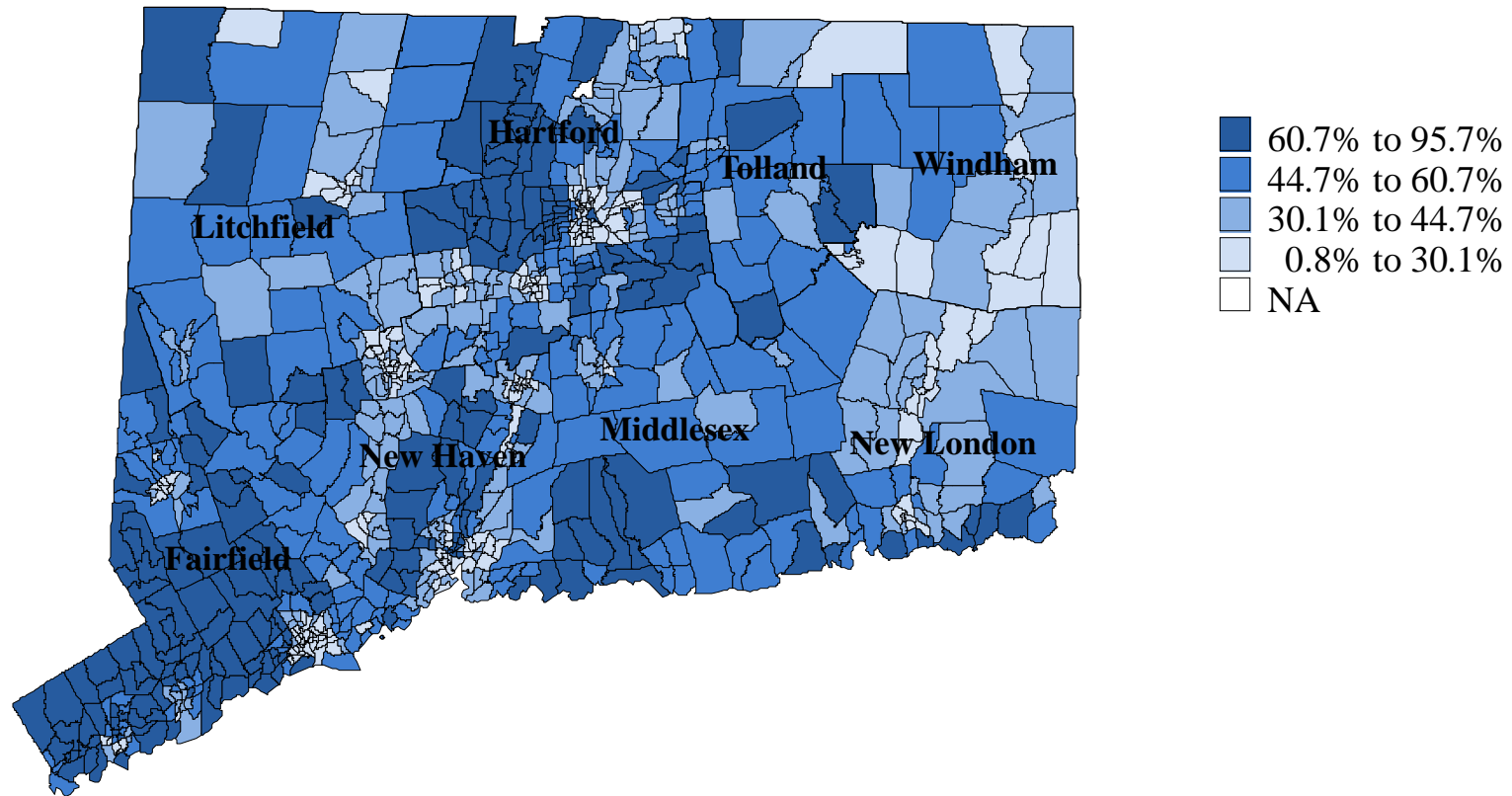
Sources: U.S. Census Bureau, Decennial Census and American Community Survey

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

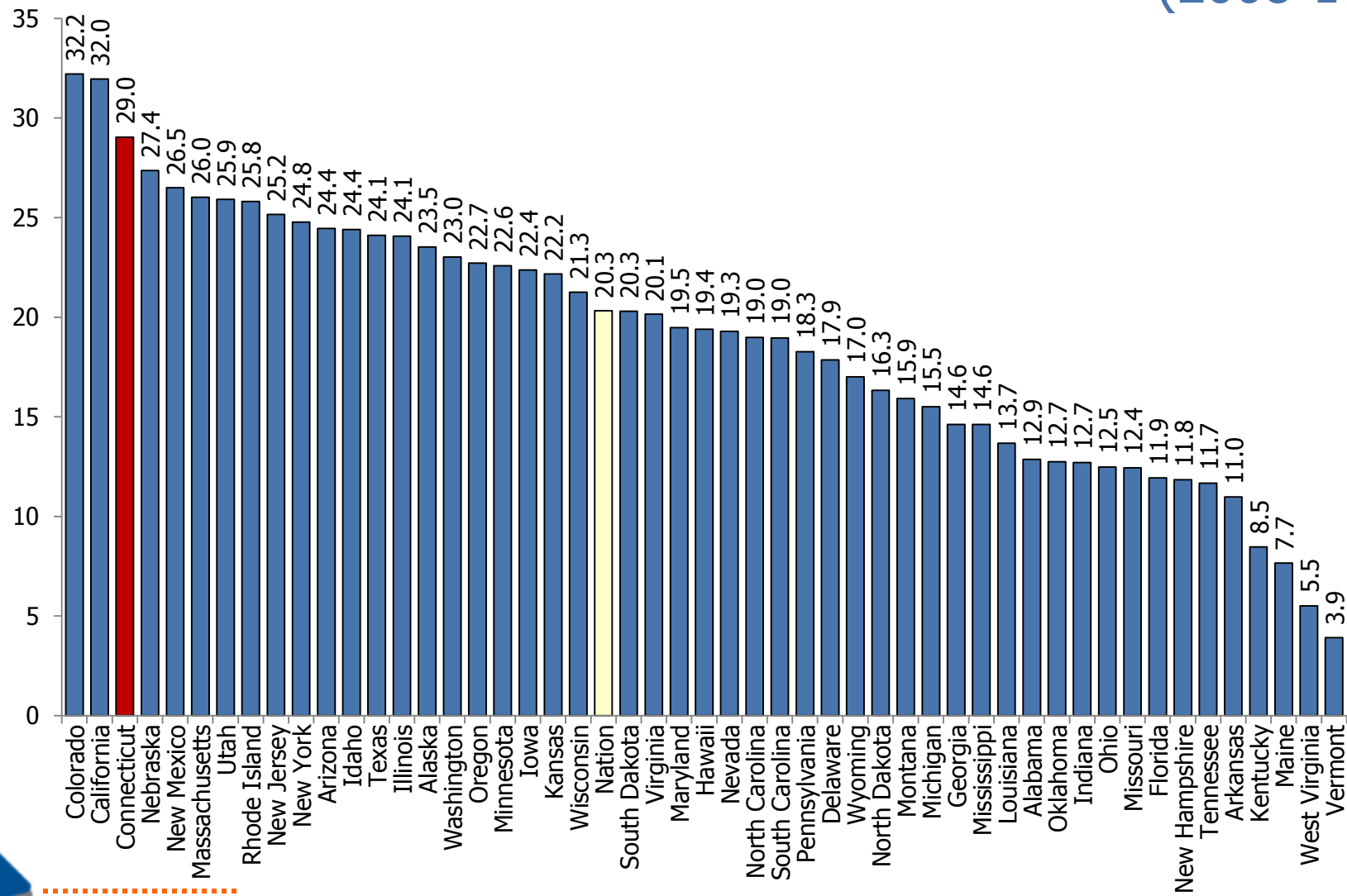


Sources: U.S. Census Bureau, Decennial Census and American Community Survey

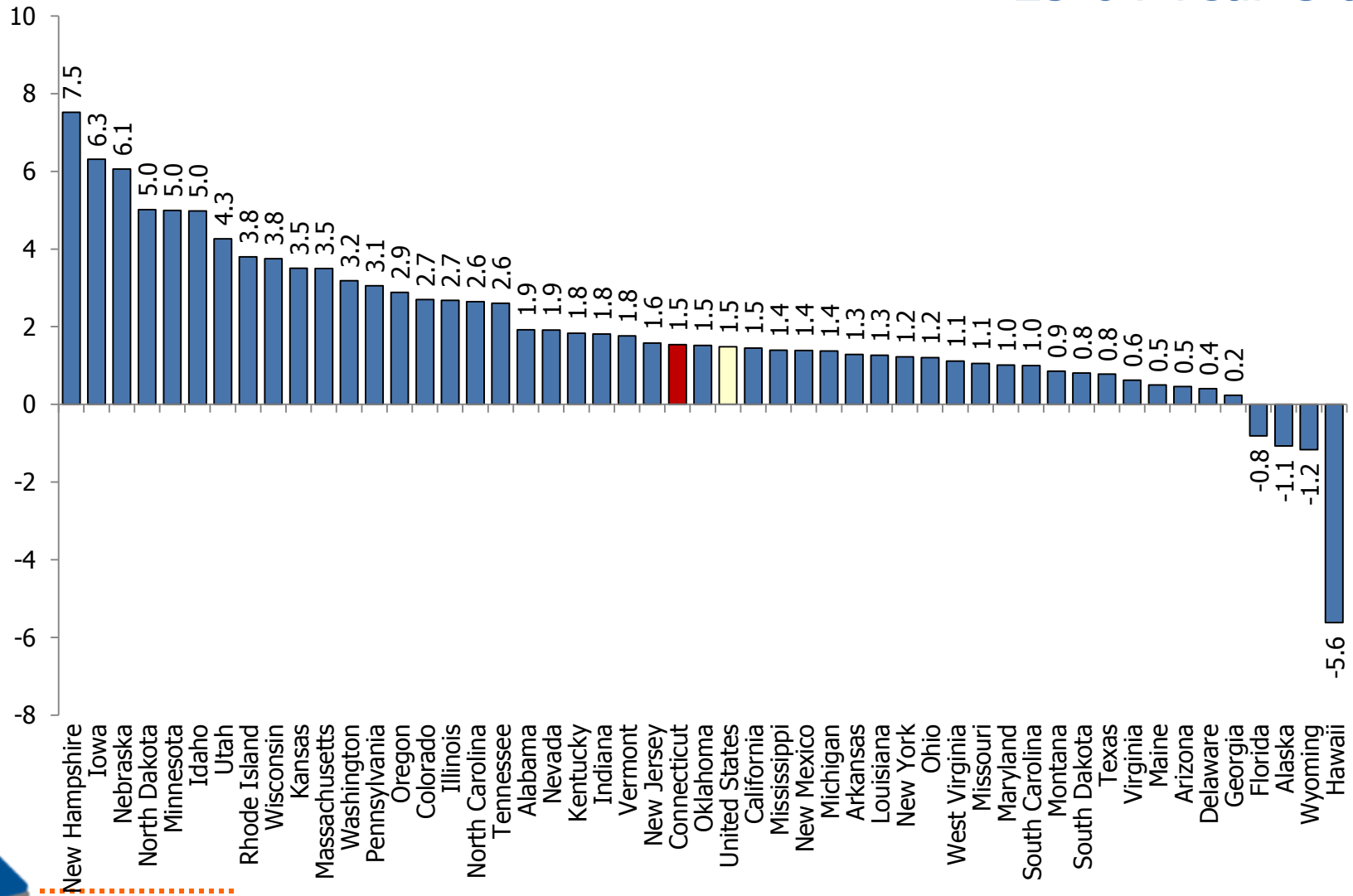
Percent of Population Age 25-64 with a College Degree (Associates and Higher) by Census Tract, 2007-11



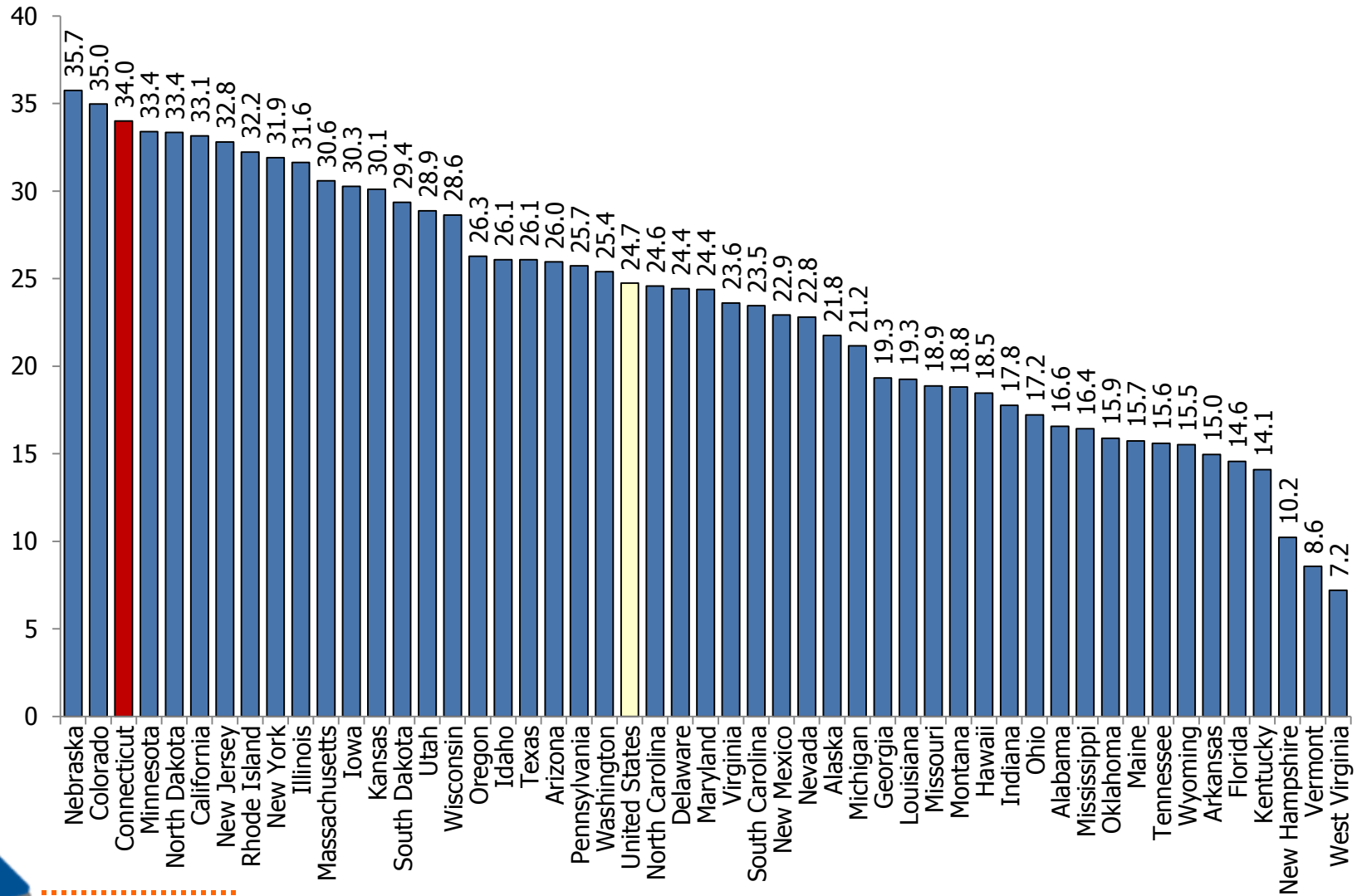
Difference in College Attainment Between Whites and Minorities, Ages 25-64 (Blacks, Hispanics, Native Americans) (2008-10)



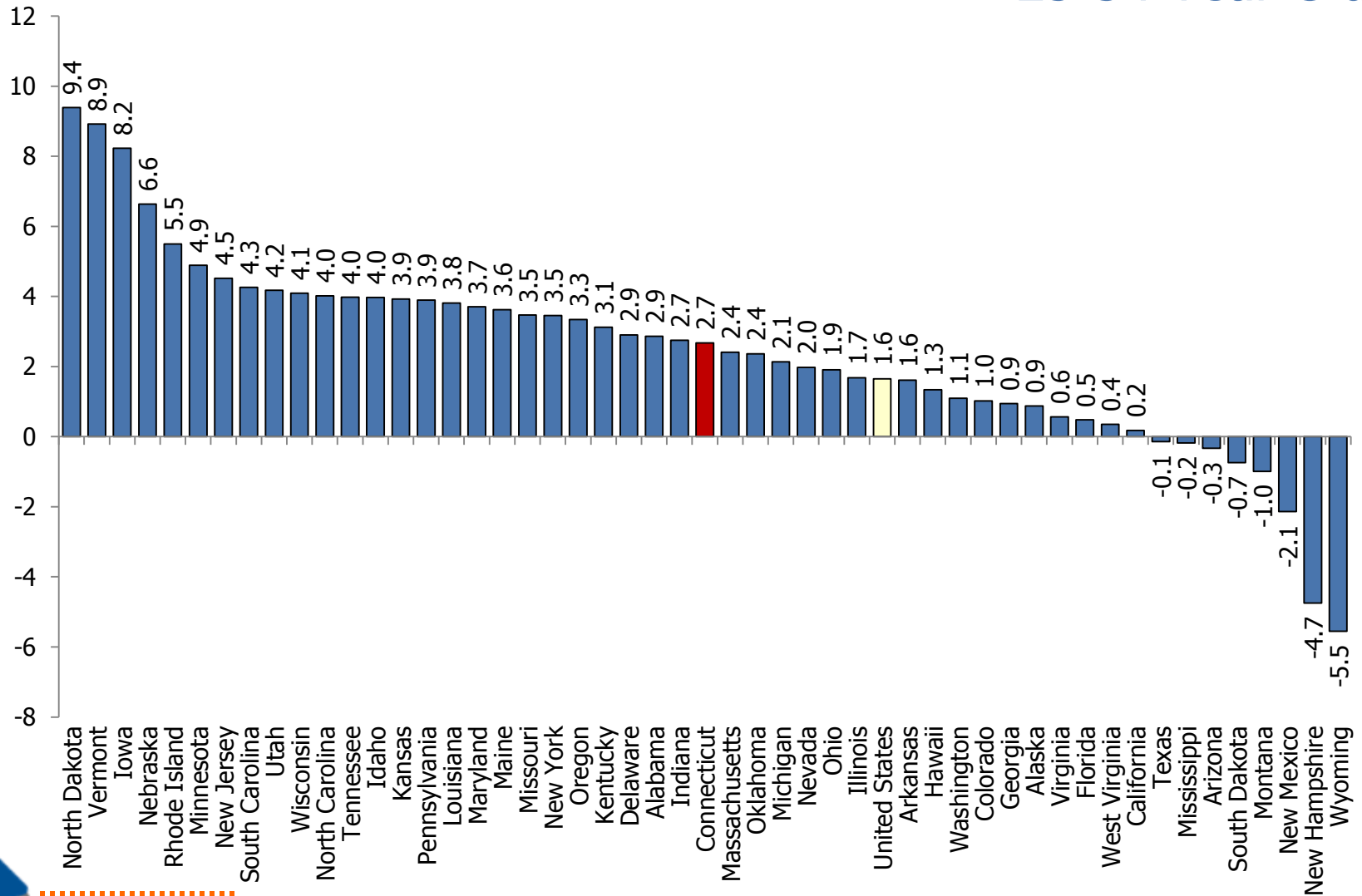
Change in Percentage Gap in College Attainment Between Whites and Underserved Minorities from 2000 to 2009-'11, 25-64 Year Olds



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

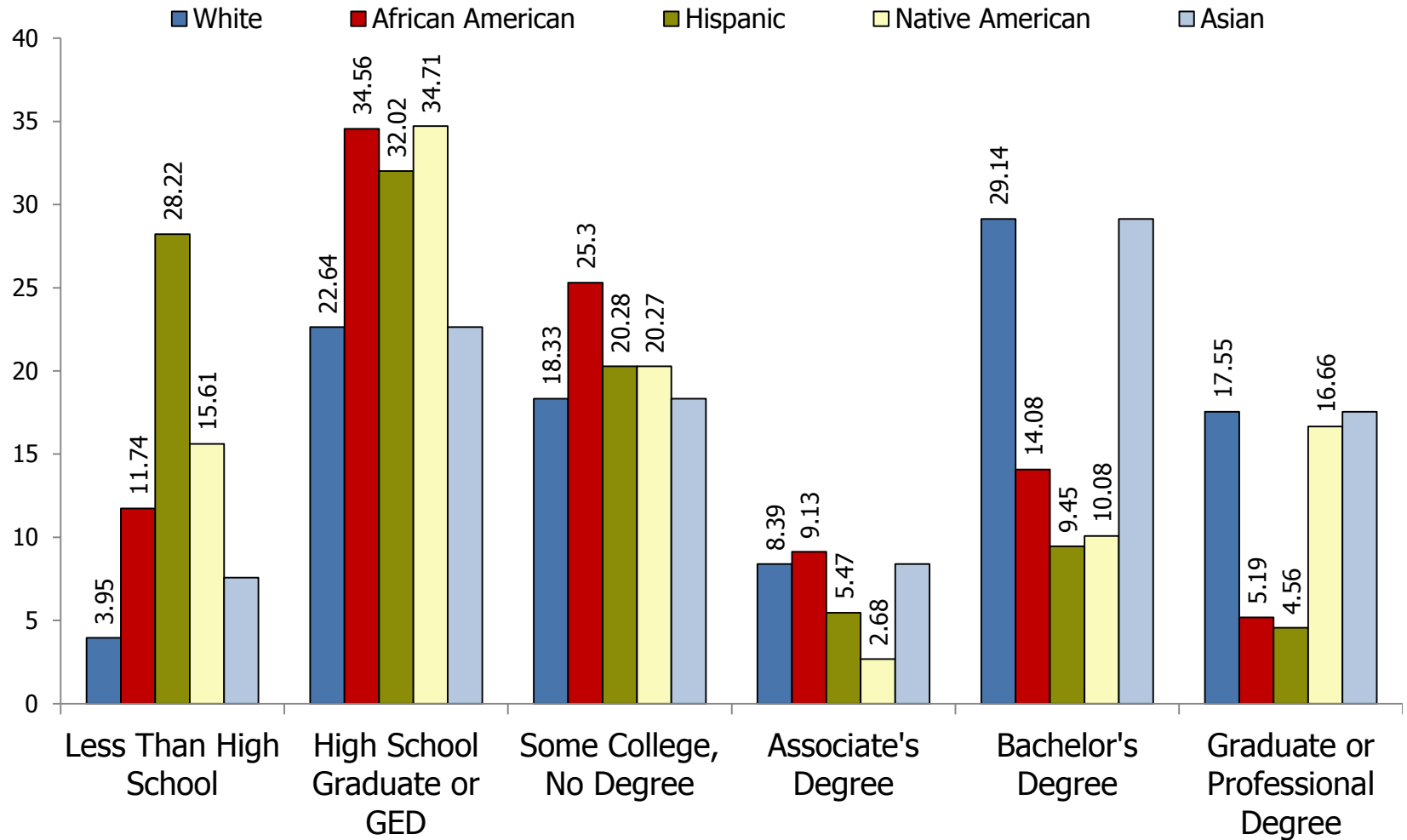


Change in Percentage Gap in College Attainment Between Whites and Underserved Minorities from 2000 to 2009-'11, 25-34 Year Olds

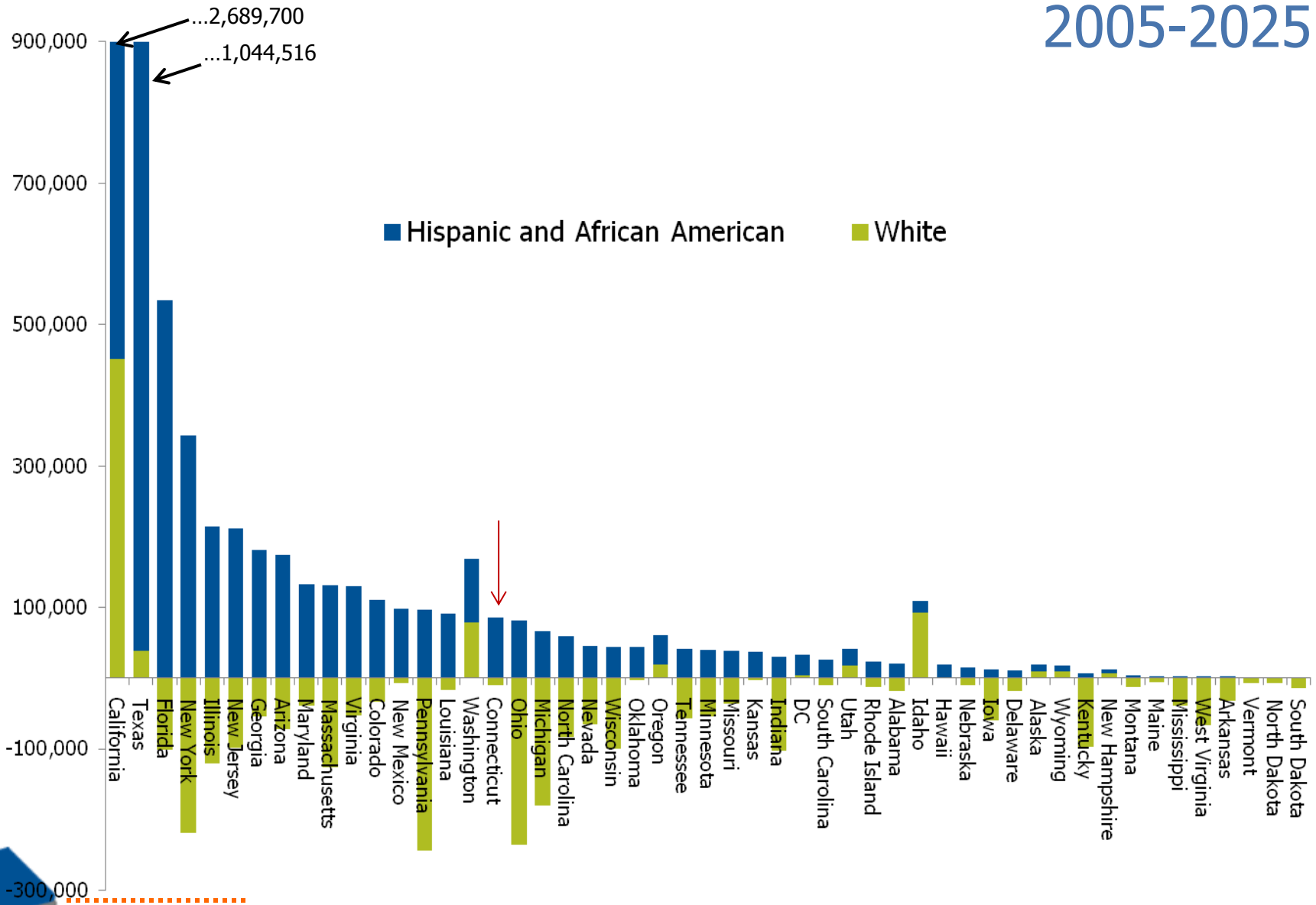


Educational Attainment of Whites and Minorities (Black, Hispanics, Native Americans) Aged 25-44, 2008-2010

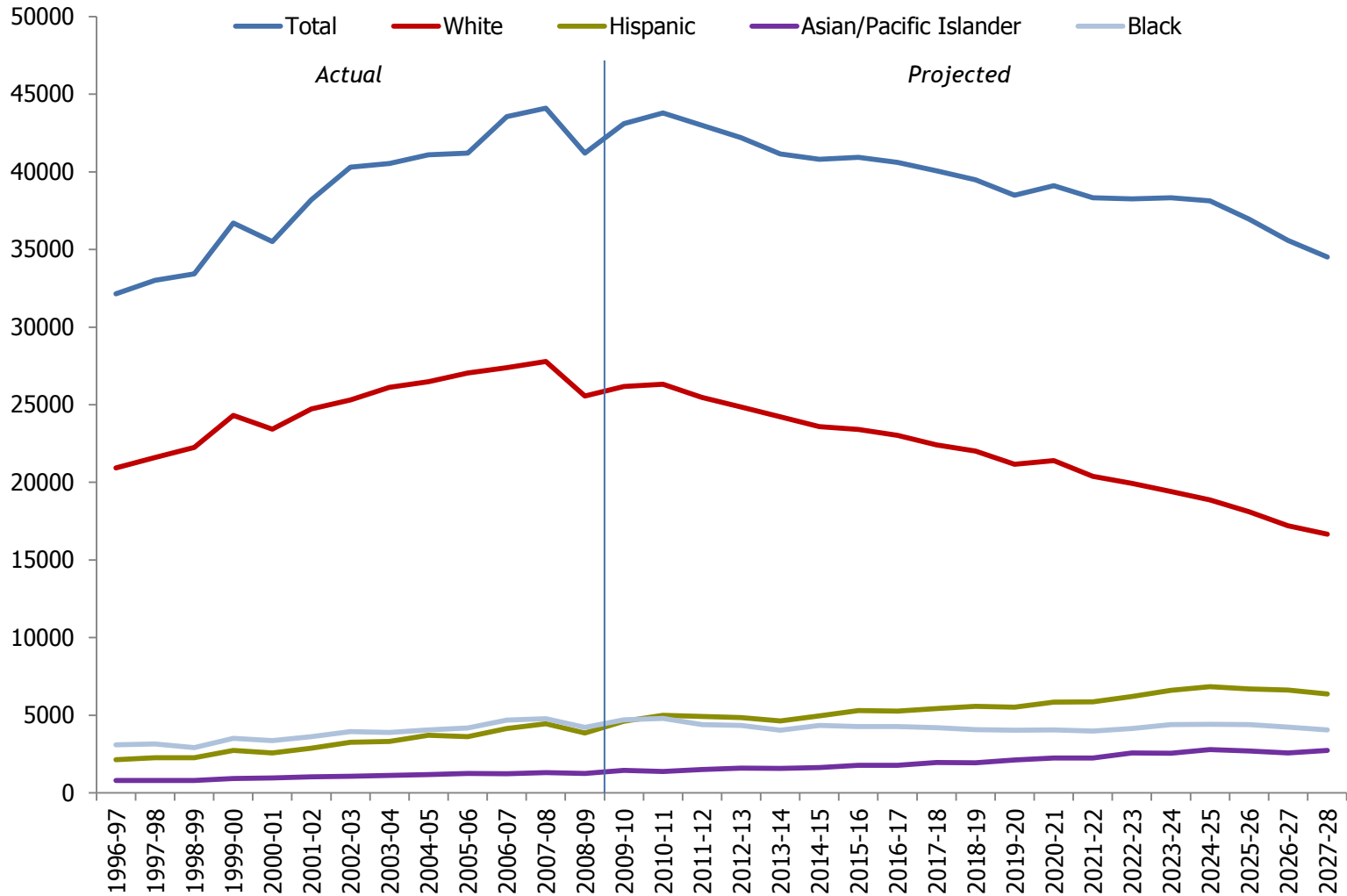
Connecticut



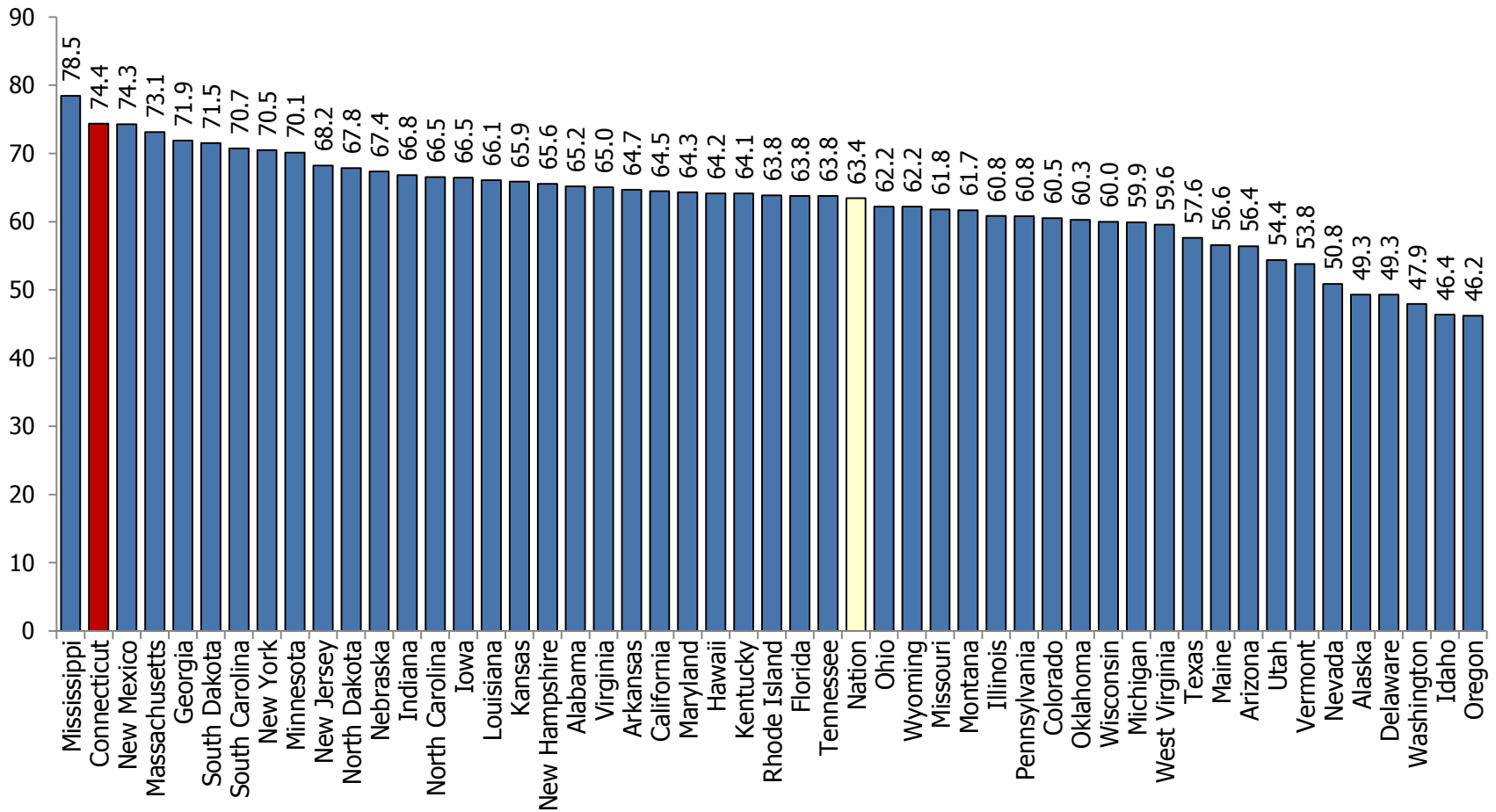
Change in Population Age 25-44 By Race/Ethnicity, 2005-2025



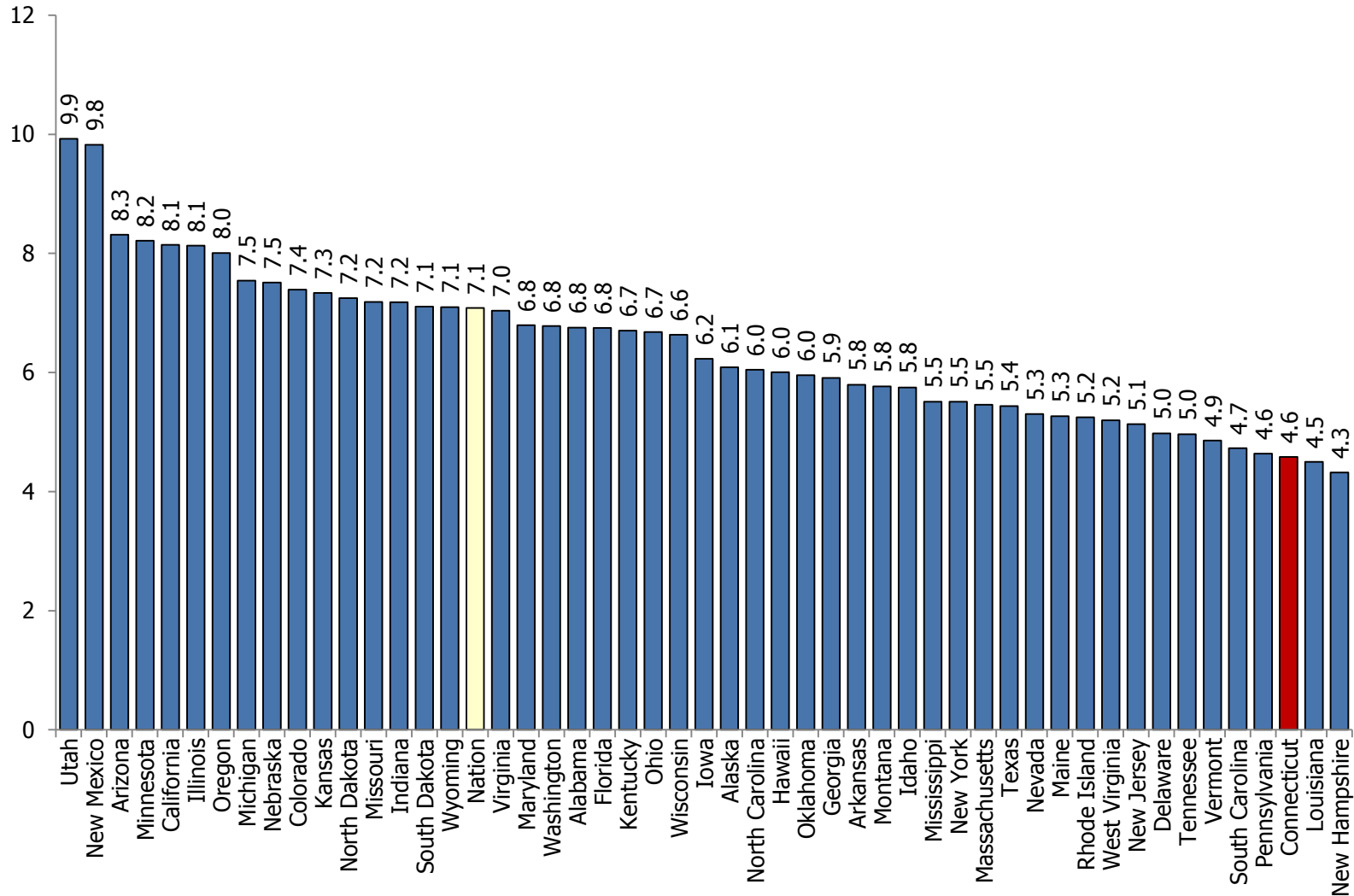
Connecticut High School Graduates 1996-97 to 2027-28 (projected)



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



Population age 25-49 Enrolled in College as a Percent of Population Age 25-49 with Less than a Bachelors Degree, Fall 2009



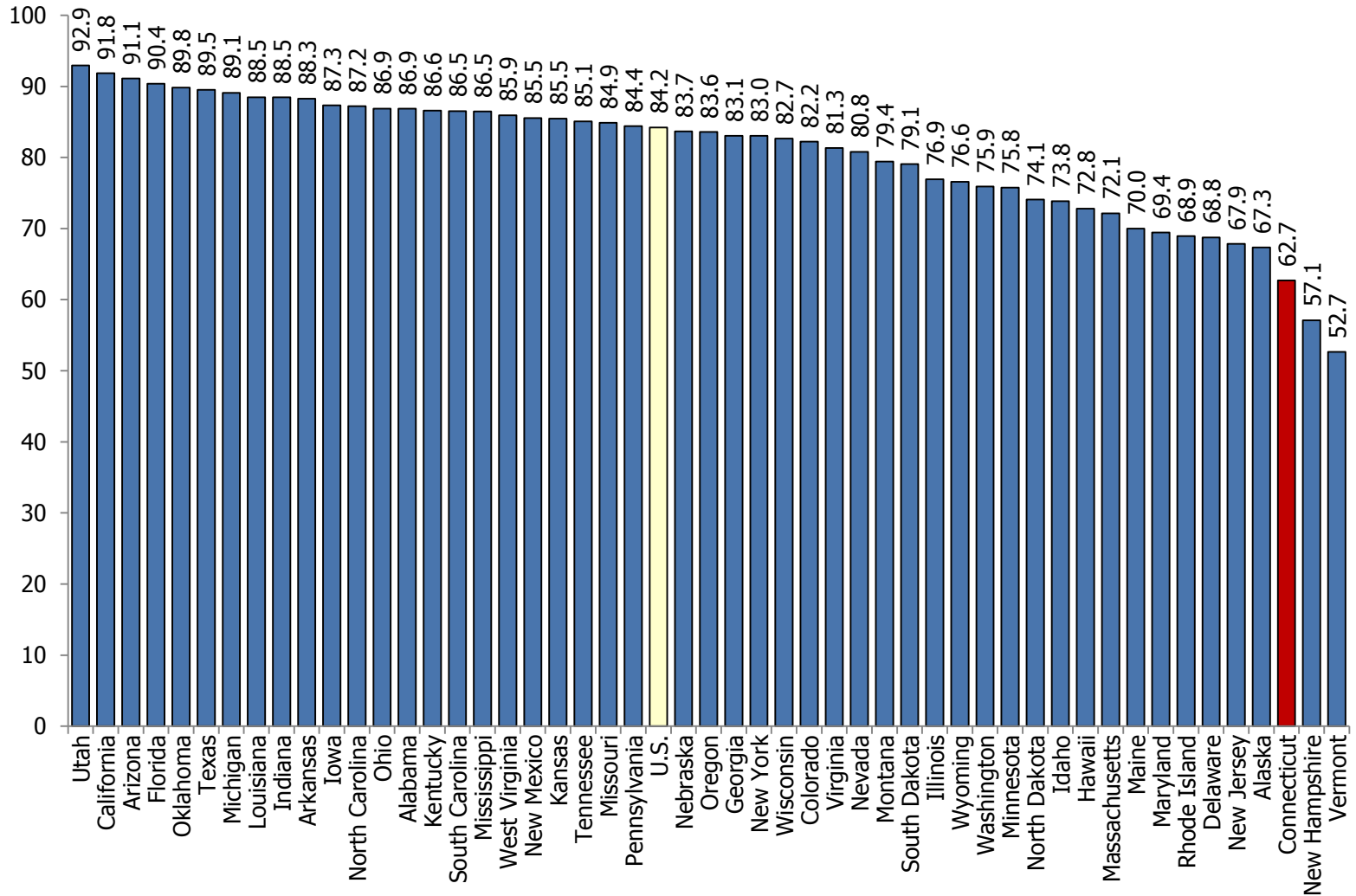
Source: NCES, IPEDS Fall 2009 Enrollment File; ef2009b Final Release Data File. U.S. Census Bureau, 2010 American Community Survey.

Note: Figures aggregated for Title IV degree-granting institutions in the 50 States and District of Columbia.

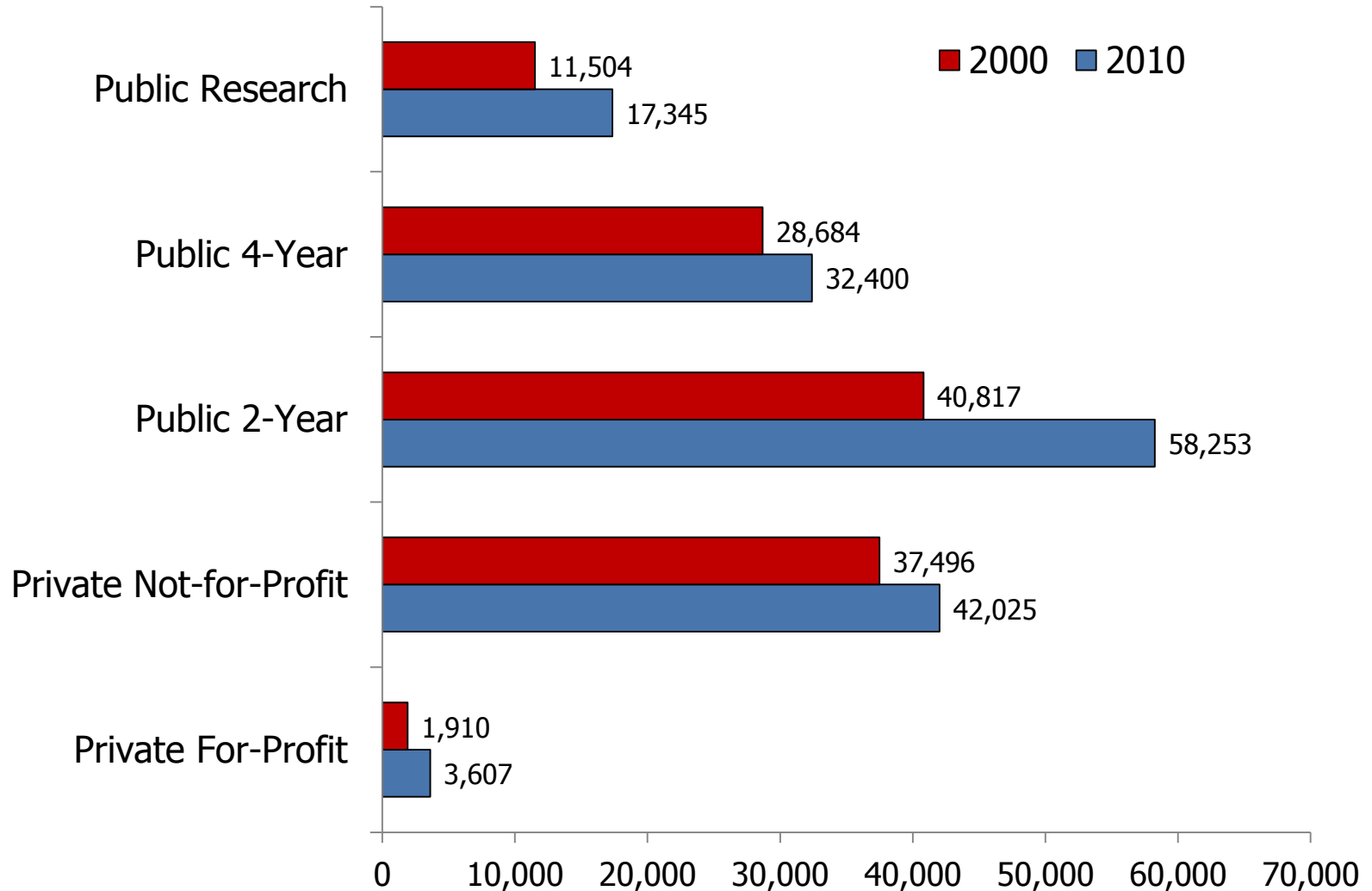
The following private for-profit four-year institutions primarily serve out-of state students online and are excluded from their respective state's figures but are included in the National total: University of Phoenix Online (AZ), Western International University (AZ), Kaplan University Main Campus (IA), Ashford University (IA), American Public University (WV), and Colorado

Technical University Online (CO).

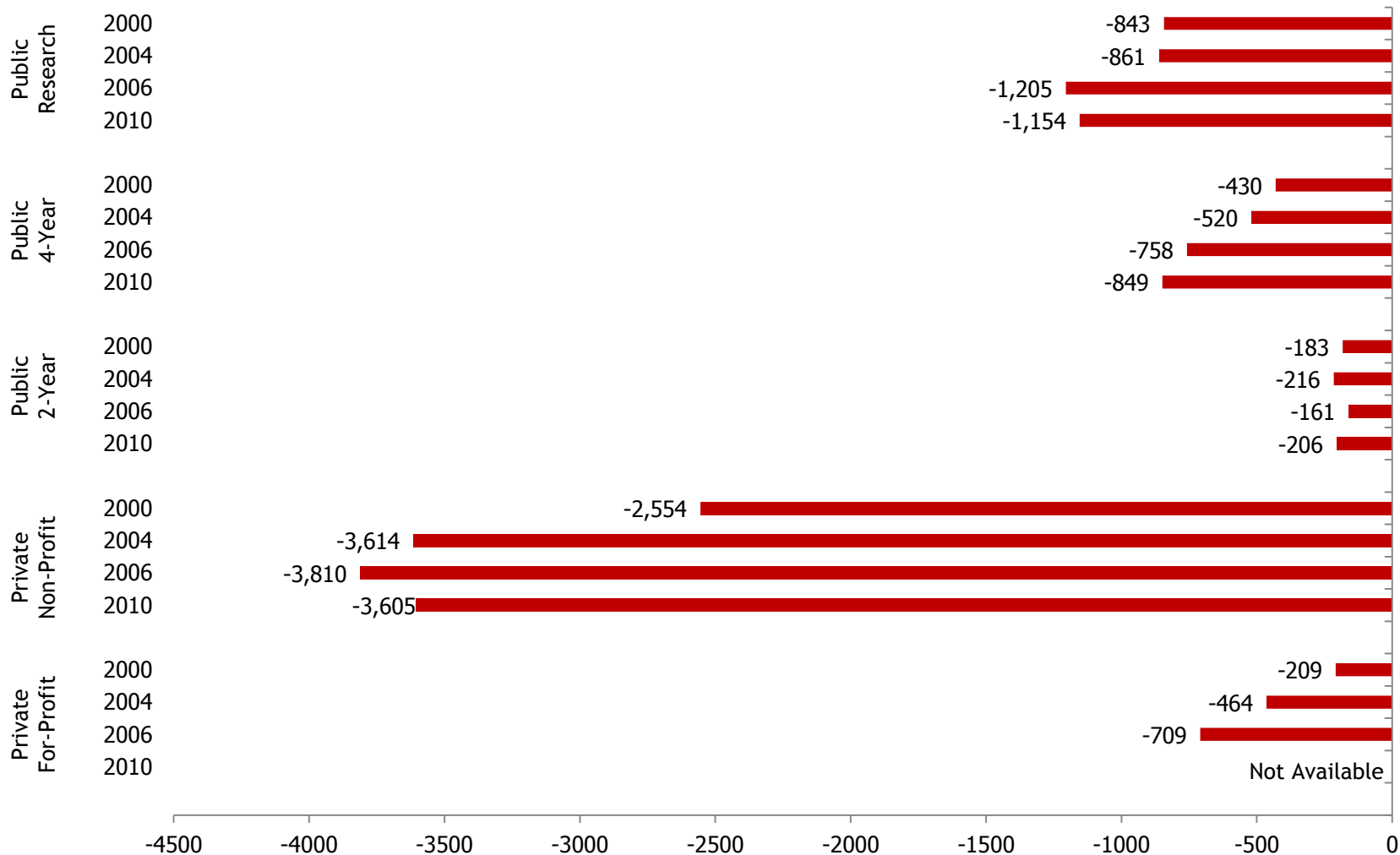
Percent of First Time Students Enrolled in Home State Institutions



Enrollments by Sector - Headcount



Net Migration of First-Time College Students - Connecticut



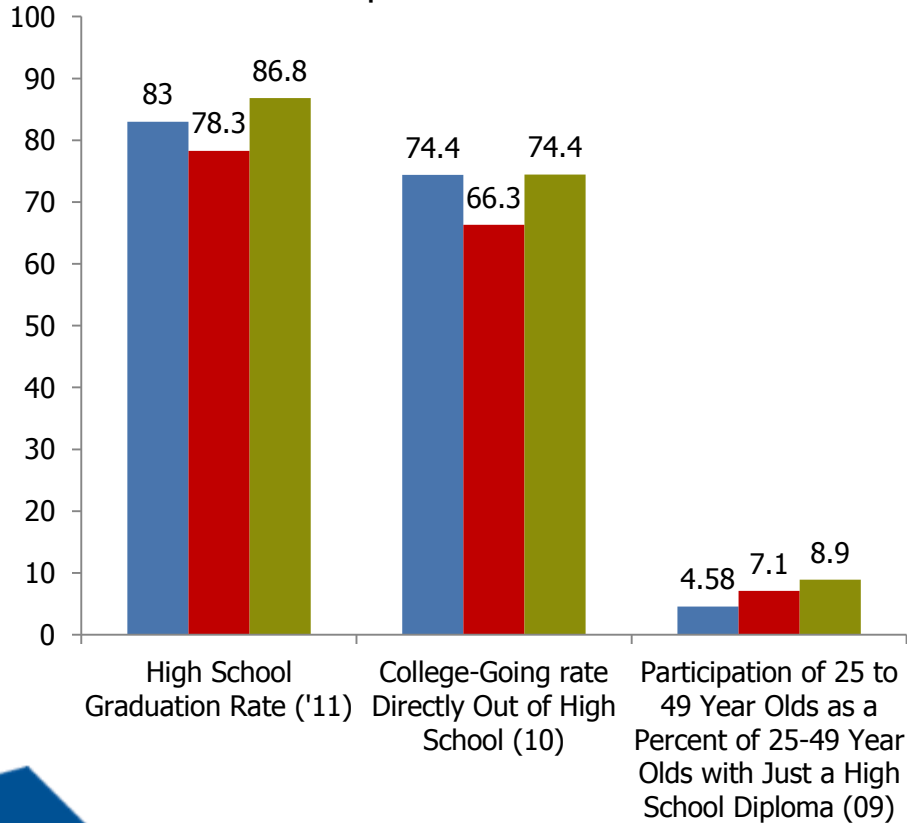
Where Connecticut Residents Attend School Out-of-State, 2010

Boston University	MA	234	Stonehill College	MA	91	American International College	MA	59
Roger Williams University	RI	219	Cornell University	NY	88	Curry College	MA	59
University of MA - Amherst	MA	216	Georgetown University	DC	87	University of MD-College Park	MD	59
Western New England U	MA	216	University of Delaware	DE	87	Saint Joseph's University	PA	58
University of Vermont	VT	214	Assumption College	MA	87	West Virginia University	WV	58
Keene State College	NH	212	Rensselaer Polytechnic Institute	NY	82	University of MI-Ann Arbor	MI	57
Johnson & Wales -Providence	RI	211	Loyola University-Baltimore	MD	81	Rhode Island College	RI	57
Northeastern University	MA	209	Bucknell University	PA	81	University of Miami	FL	56
University of Rhode Island	RI	208	Elon University	NC	78	Manhattanville College	NY	56
Providence College	RI	184	St John's University-New York	NY	76	Brown University	RI	56
Boston College	MA	177	Dean College	MA	75	Emmanuel College	MA	55
Bryant University	RI	170	Gettysburg College	PA	75	Drexel University	PA	55
New York University	NY	164	College of Charleston	SC	75	American University	DC	54
Springfield College	MA	155	Universal Tech Ins. of MA Inc	MA	74	Nichols College	MA	54
Syracuse University	NY	146	Skidmore College	NY	74	Dartmouth College	NH	54
Salve Regina University	RI	144	Worcester Polytechnic Institute	MA	73	Dickinson College	PA	54
Marist College	NY	135	College of the Holy Cross	MA	71	James Madison University	VA	54
Rochester Institute of Tech	NY	132	New England Ins. of Tech	RI	70	Franklin and Marshall College	PA	53
Fordham University	NY	126	Wake Forest University	NC	68	Emerson College	MA	52
Villanova University	PA	124	Union College	NY	68	Lasell College	MA	52
Pace University-New York	NY	119	Lehigh University	PA	67	University of Colorado Boulder	CO	51
Endicott College	MA	115	Plymouth State University	NH	65	Johns Hopkins University	MD	51
Tufts University	MA	110	Colgate University	NY	65	Lesley University	MA	50
George Washington University	DC	106	Miami University-Oxford	OH	64	Westfield State University	MA	50
University of NH-Main Campus	NH	106	Stony Brook University	NY	63	Norwich University	VT	50
Penn State U-Main Campus	PA	103	Saint Michael's College	VT	63			
Hofstra University	NY	102	Wentworth Ins. of Tech.	MA	61			
High Point University	NC	100	University of Pennsylvania	PA	61			
Ithaca College	NY	99	Full Sail University	FL	60			
Sawyer School	RI	97	The University of Tampa	FL	60			
Champlain College	VT	96	Mount Ida College	MA	60			
Bentley University	MA	93	Iona College	NY	60			
Suffolk University	MA	93	Temple University	PA	60			

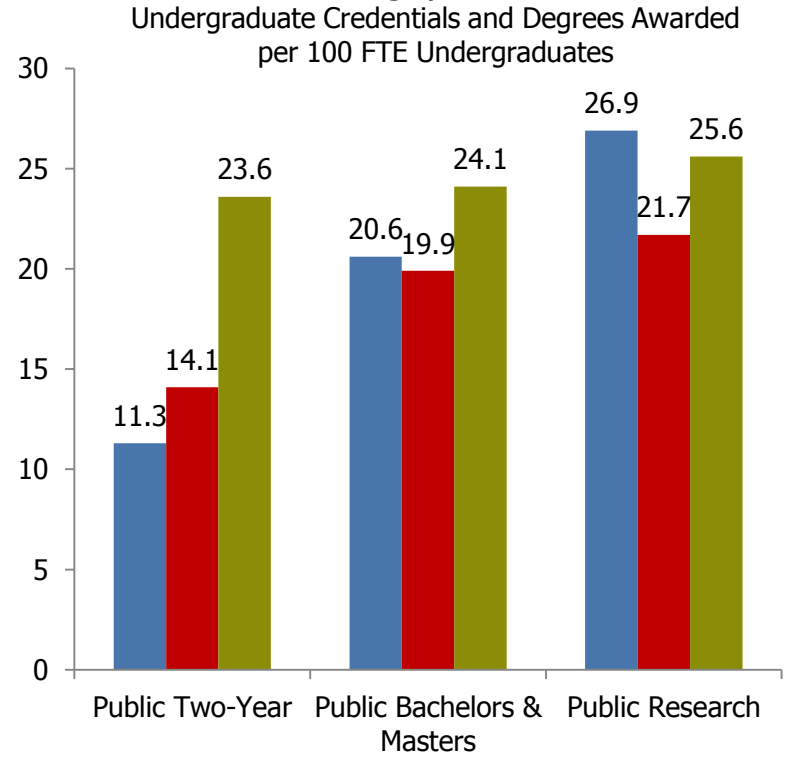
High School Graduation, College Participation, & Completion (2009-10)

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

Input Rates

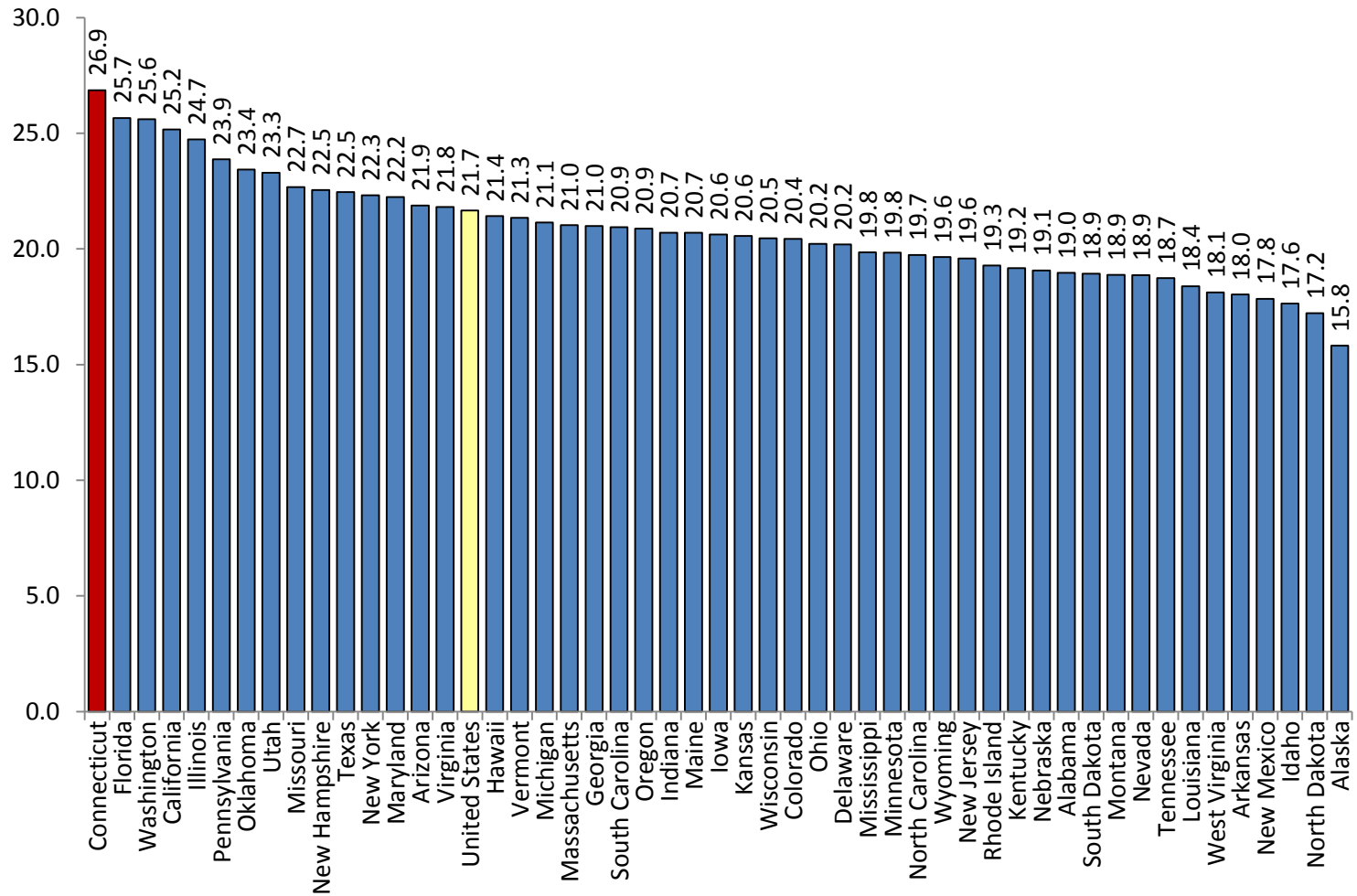


Throughput Rates

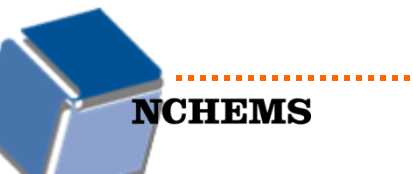
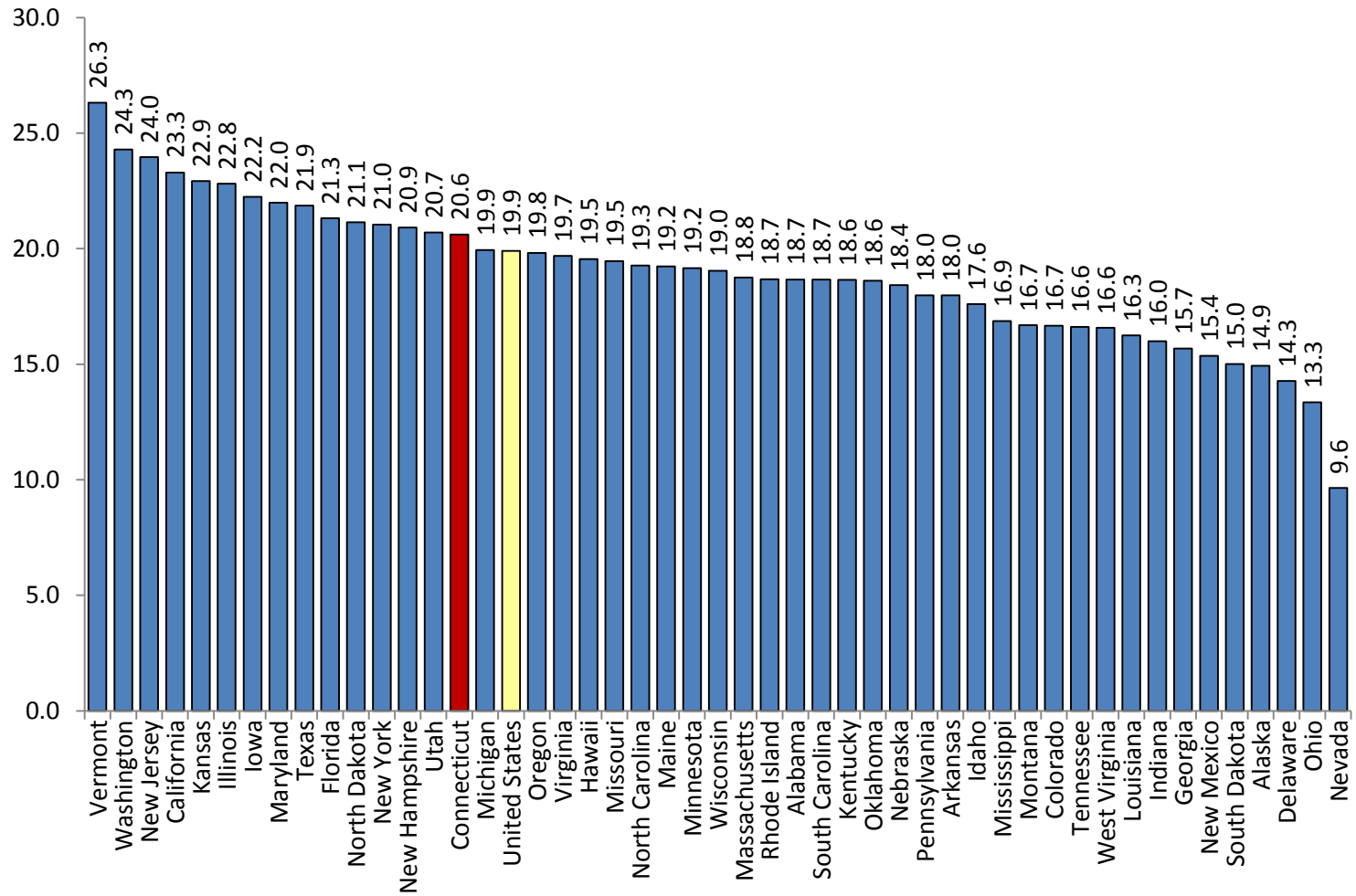


Source: NCES, IPEDS 2009-10 Instructional Activity File; efi2010 Final Release Data File. NCES, IPEDS 2009-10 Completions File; c2010_a Final Release Data File. US Dept of Ed. 2010-11 HS Graduation Rates.

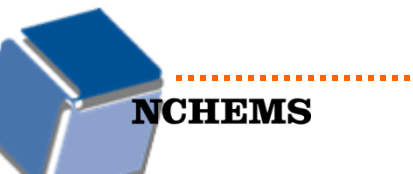
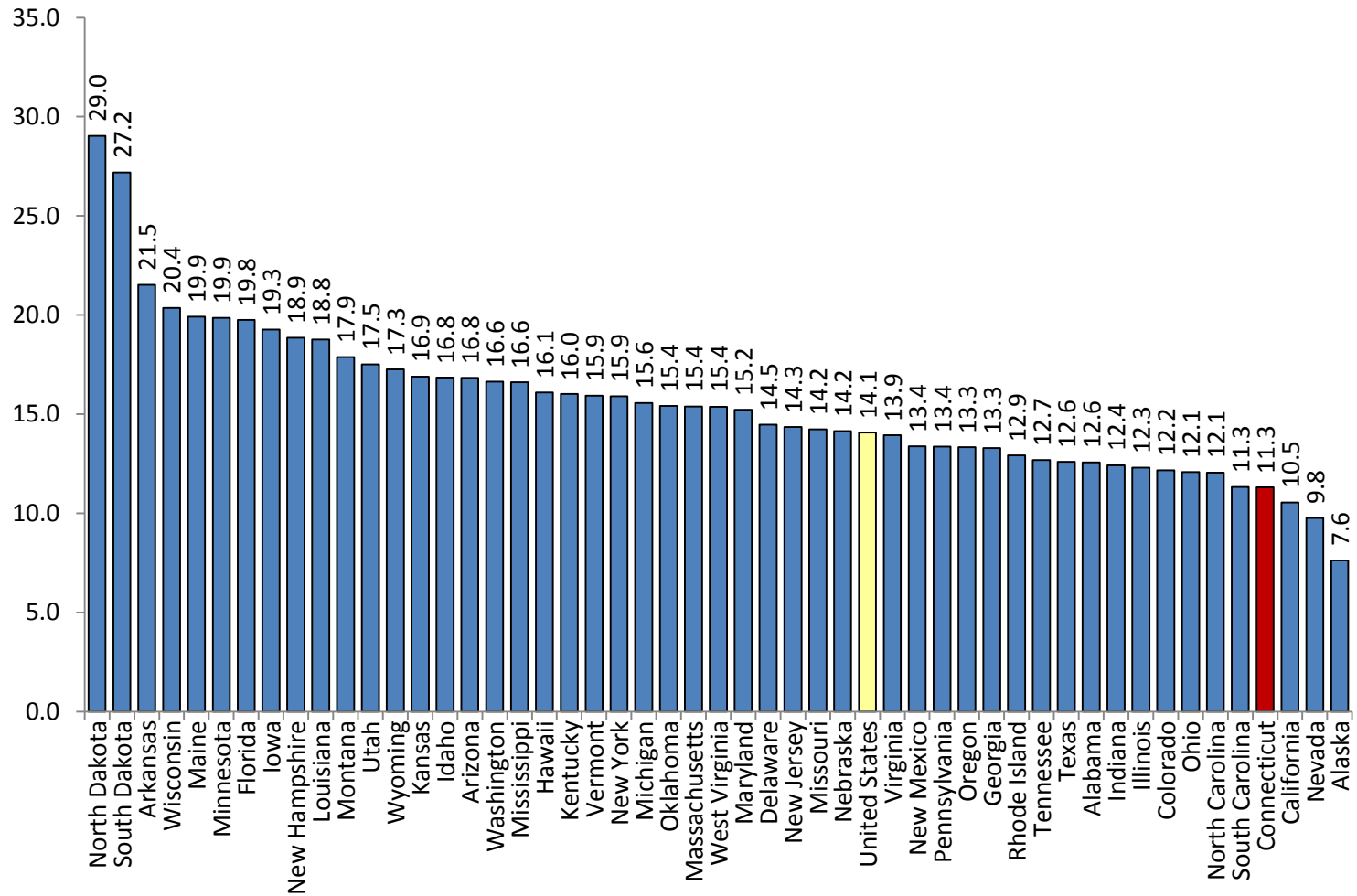
Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Research, 2009-10



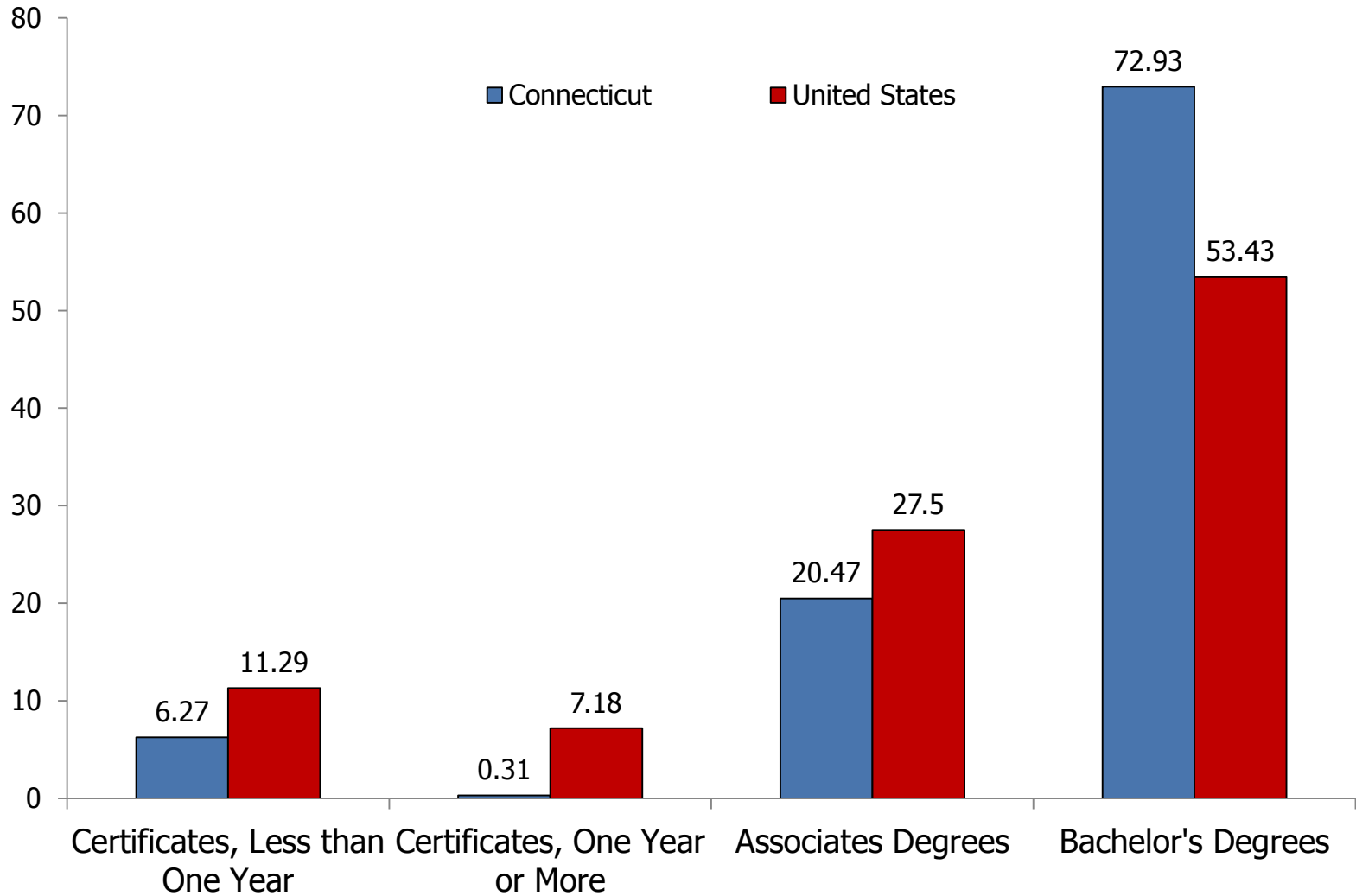
Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Bachelor’s and Masters, 2009-10



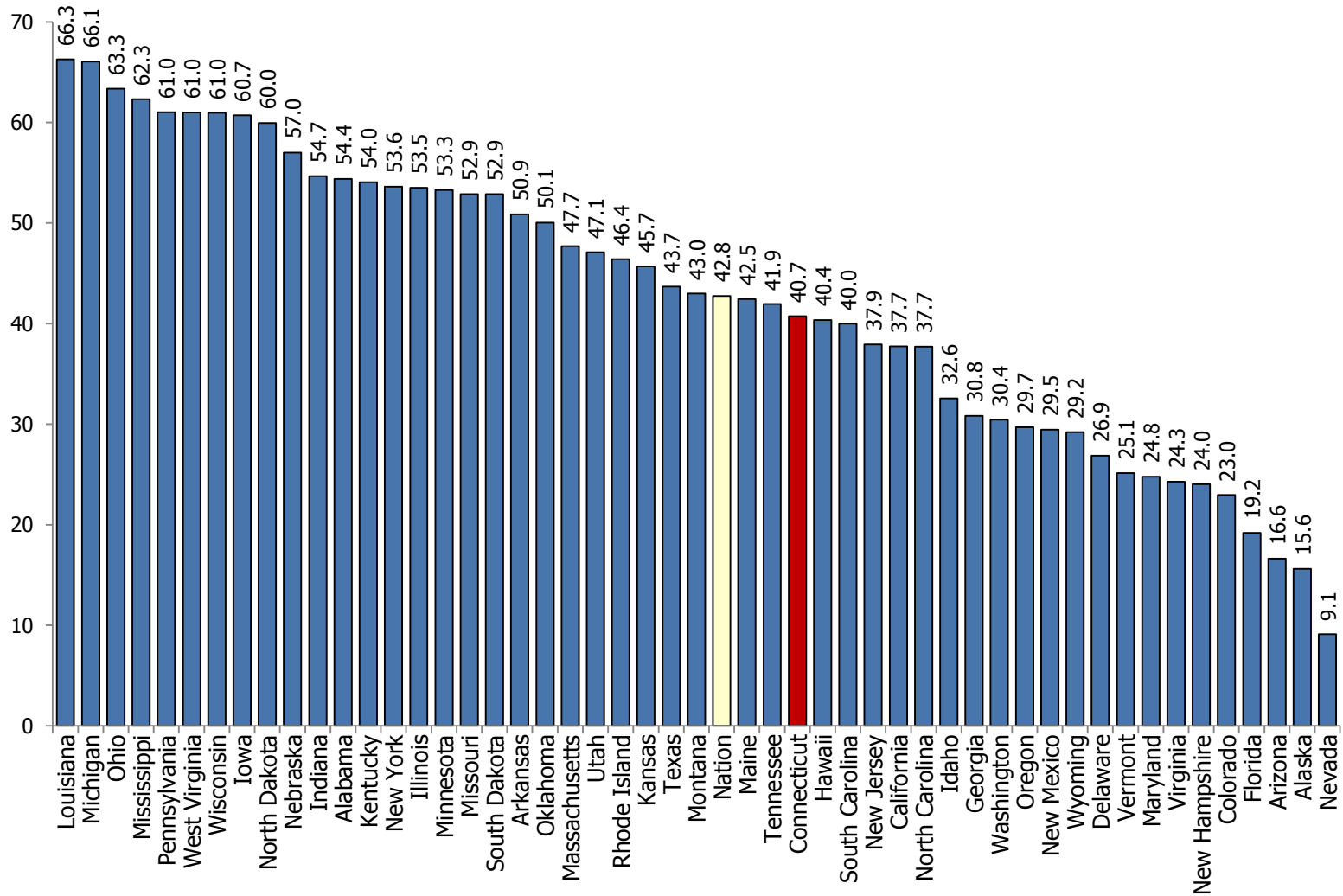
Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Two-Year, 2009-10



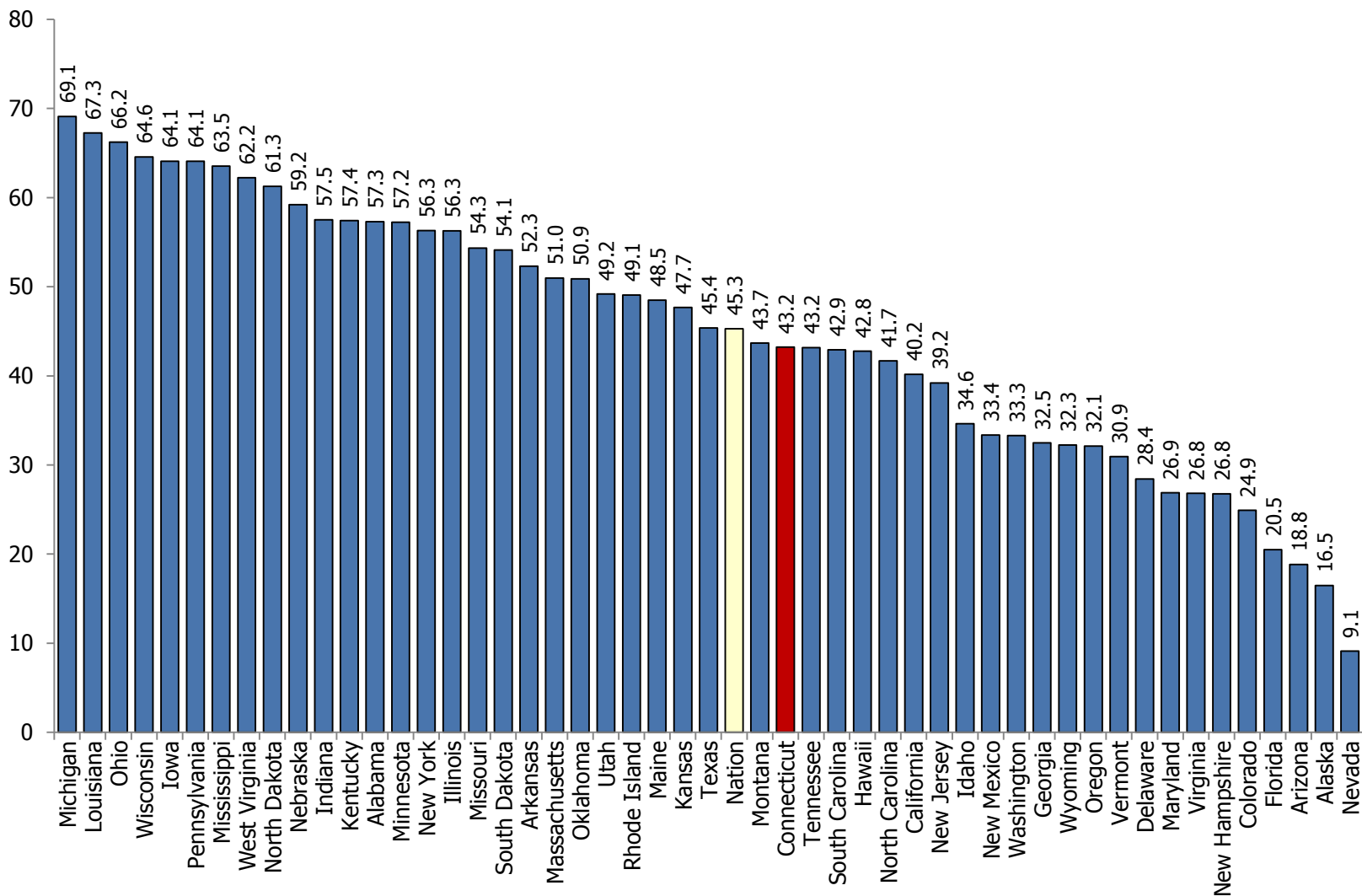
Proportion (%) of Undergraduate Awards by Level (2009-10)



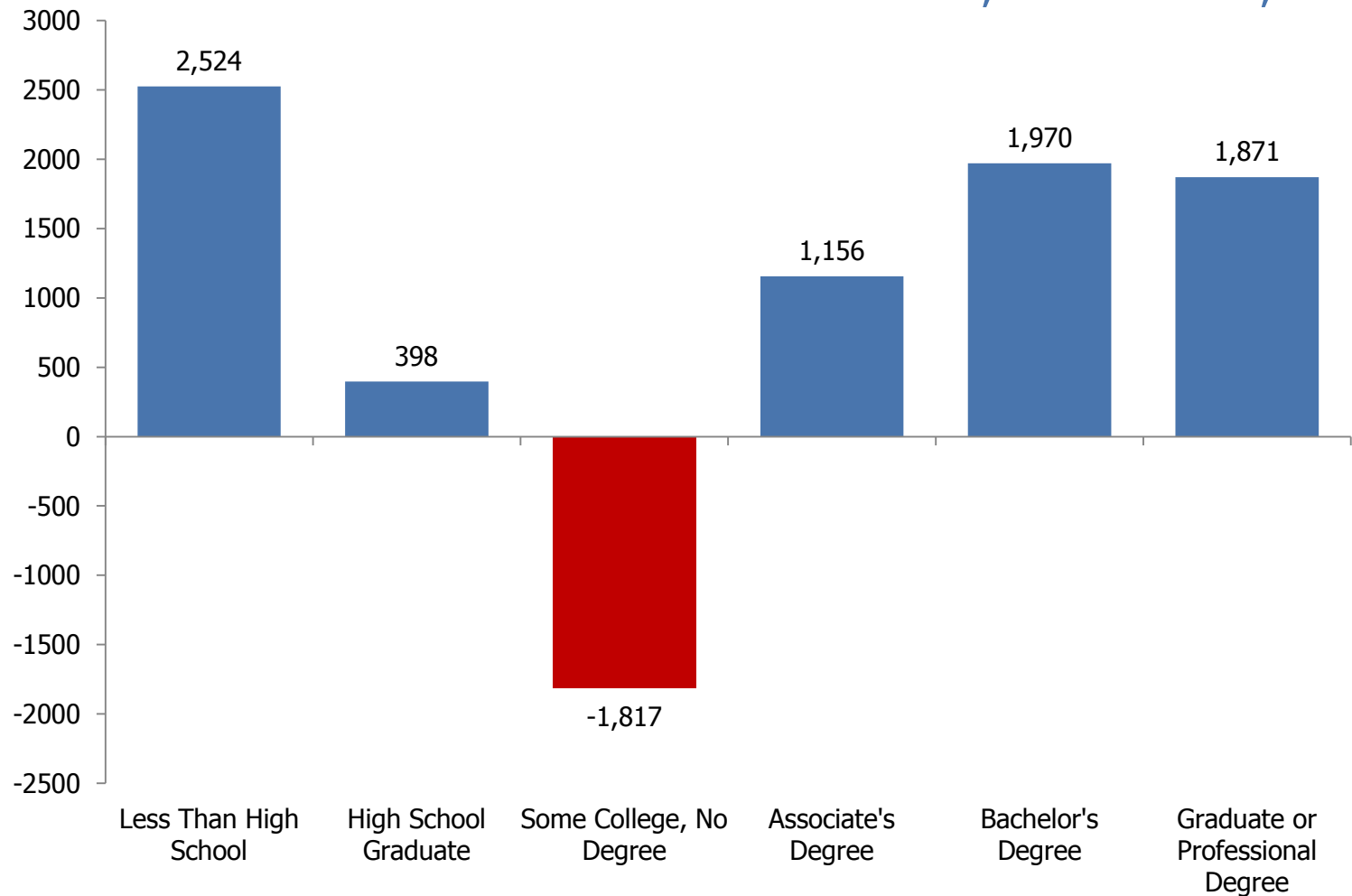
Percent of Residents Aged 25-64 with a Bachelor's Degree or Higher Born In-State, 2010



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



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



Possible Goals for Connecticut Informed by the Data

1.

2.

3.

For More Information Contact:

Dennis P. Jones

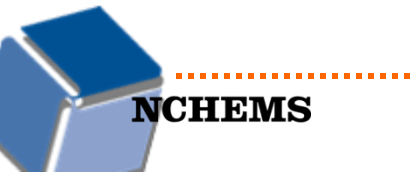


National Center for Higher Education Management Systems

dennis@nchems.org

303-497-0301

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





Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

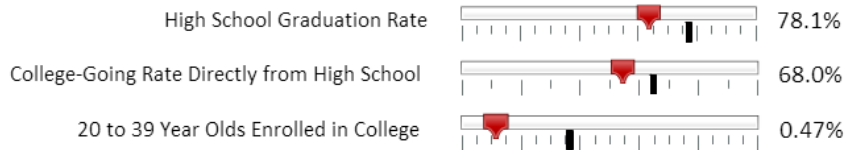
- Start Over
- Save Scenario
- Print Page

- Increase College Attainment
- View Returns on Investment
- Instructions and Definitions

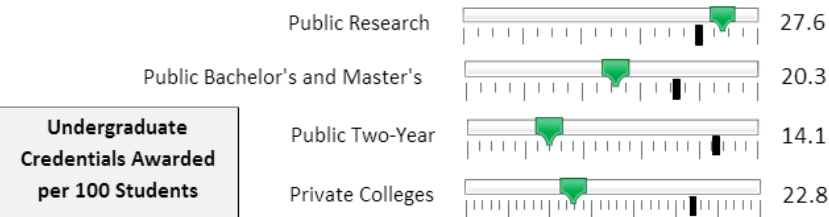
Set Postsecondary Performance Goals for Year 2025

Increase College Access

Avg. Performance of Top 3 States



Increase Number of College Credentials



Undergraduate Credentials Awarded per 100 Students

Change Enrollment Patterns of Additional First-Time Students

	Directly from High School	20 to 39 Year Olds
Public Research	13%	1%
Public Bachelor's and Master's	18%	3%
Public Two-Year	30%	81%
Private Sector	39%	14%
Must Equal 100%	100%	100%

2025 Enrollment patterns of additional first-time students as a result of the improvements made above.

Optional: Set 2025 College Attainment Goal (%)

66.0

(Current College Attainment of 25 to 64 Year Olds is 45.8%)

Gap: Additional Degrees Needed to Meet Goal **227,229**

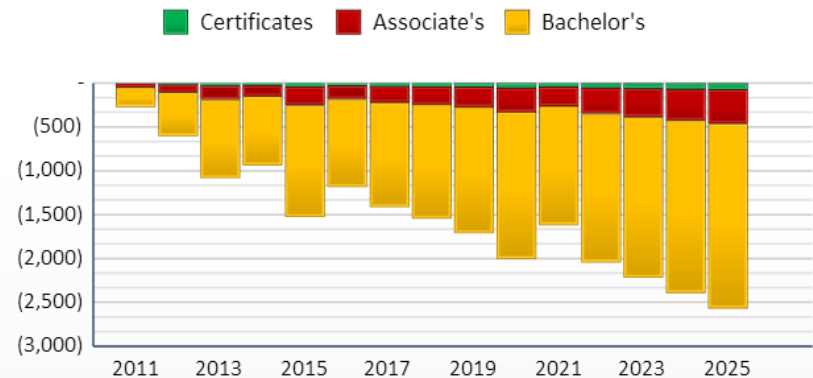
Results: Additional Undergraduate Credentials Awarded by 2025

Associate's (3,236) + Bachelor's (19,304) = Additional Degrees **(22,540)**

Undergraduate Certificates (624)

Total Additional Undergraduate Credentials **(23,164)**

Additional Undergraduate Credentials Awarded Annually



Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

Start Over

Save Scenario

Print Page

Increase College Attainment

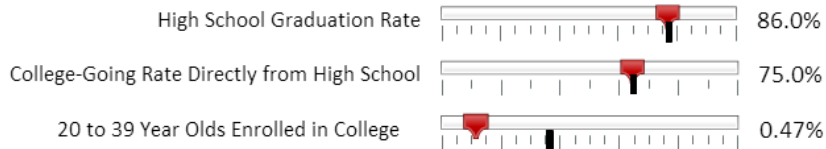
View Returns on Investment

Instructions and Definitions

Set Postsecondary Performance Goals for Year 2025

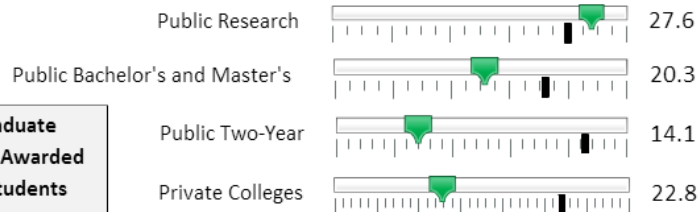
Increase College Access

Avg. Performance of Top 3 States



Increase Number of College Credentials

Undergraduate
Credentials Awarded
per 100 Students



Change Enrollment Patterns of Additional First-Time Students

Directly from High School 20 to 39 Year Olds

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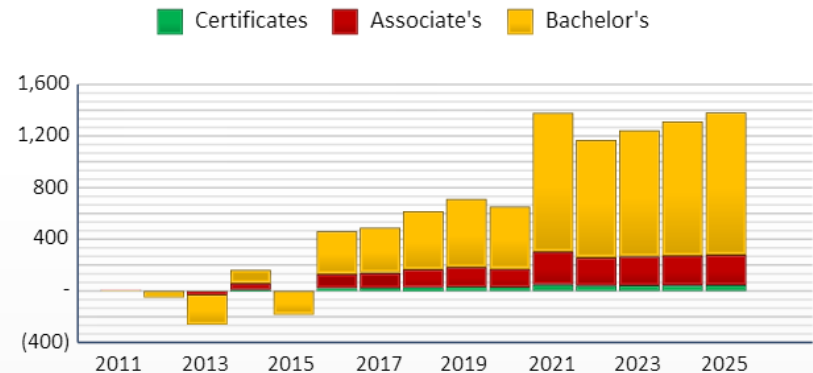
Results: Additional Undergraduate Credentials Awarded by 2025

Associate's 1,840 + Bachelor's 6,895
= Additional Degrees **8,735**

Undergraduate Certificates 361

Total Additional Undergraduate Credentials **9,096**

Additional Undergraduate Credentials Awarded Annually



Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

Start Over

Save Scenario

Print Page

Increase College Attainment

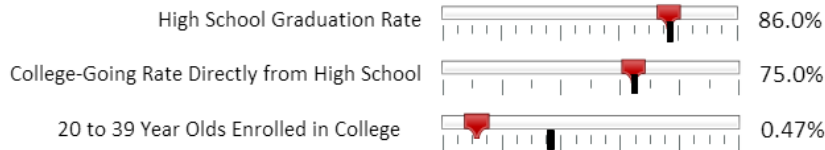
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Instructions and Definitions

Set Postsecondary Performance Goals for Year 2025

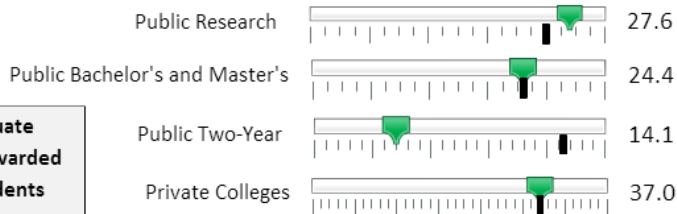
Increase College Access

Avg. Performance of Top 3 States



Increase Number of College Credentials

Undergraduate
Credentials Awarded
per 100 Students



Change Enrollment Patterns of Additional First-Time Students

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2025 Enrollment patterns of additional first-time students as a result of the improvements made above.

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Gap: Additional Degrees Needed to Meet Goal **227,229**

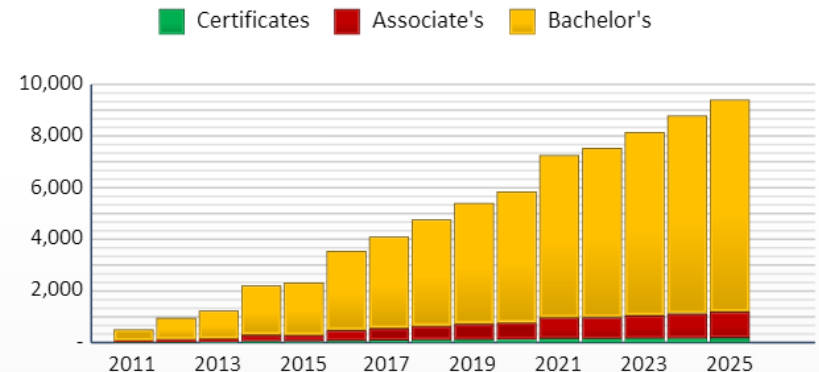
Results: Additional Undergraduate Credentials Awarded by 2025

Associate's 7,844 + Bachelor's 62,764
= Additional Degrees **70,609**

Undergraduate Certificates 1,505

Total Additional Undergraduate Credentials 72,114

Additional Undergraduate Credentials Awarded Annually



Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

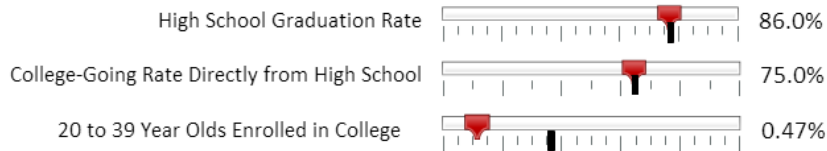
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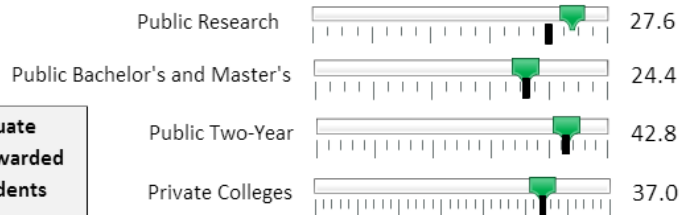
Set Postsecondary Performance Goals for Year 2025

Increase College Access

Avg. Performance of Top 3 States



Increase Number of College Credentials



Undergraduate Credentials Awarded per 100 Students

Change Enrollment Patterns of Additional First-Time Students

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2025 Enrollment patterns of additional first-time students as a result of the improvements made above.

Optional: Set 2025 College Attainment Goal (%)

66.0

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Gap: Additional Degrees Needed to Meet Goal **227,229**

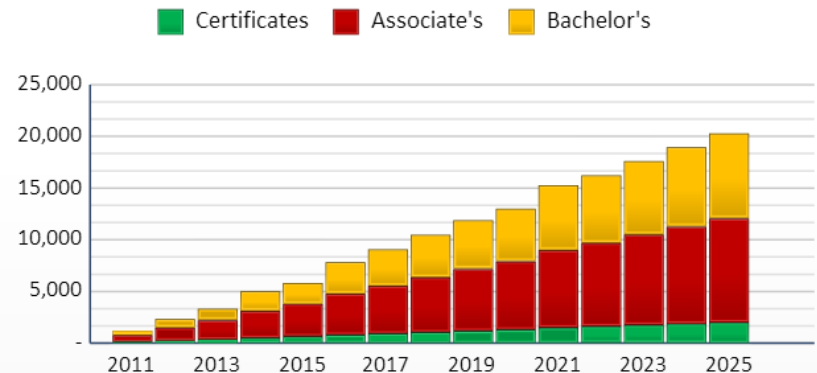
Results: Additional Undergraduate Credentials Awarded by 2025

Associate's 79,609 + Bachelor's 62,764
= Additional Degrees **142,374**

Undergraduate Certificates 15,985

Total Additional Undergraduate Credentials 158,359

Additional Undergraduate Credentials Awarded Annually



Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

Start Over

Save Scenario

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Increase College Attainment

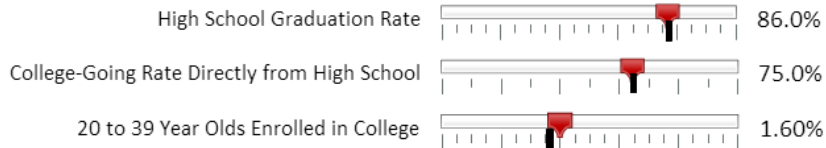
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Set Postsecondary Performance Goals for Year 2025

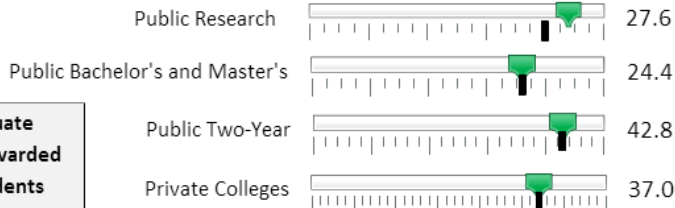
Increase College Access

Avg. Performance of Top 3 States



Increase Number of College Credentials

Undergraduate Credentials Awarded per 100 Students



Change Enrollment Patterns of Additional First-Time Students

Directly from High School 20 to 39 Year Olds

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Private Sector	39%	14%	
Must Equal 100%	100%	100%	

Optional: Set 2025 College Attainment Goal (%)

66.0

(Current College Attainment of 25 to 64 Year Olds is 45.8%)

Gap: Additional Degrees Needed to Meet Goal **227,229**

Results: Additional Undergraduate Credentials Awarded by 2025

Associate's 124,597 + Bachelor's 78,987

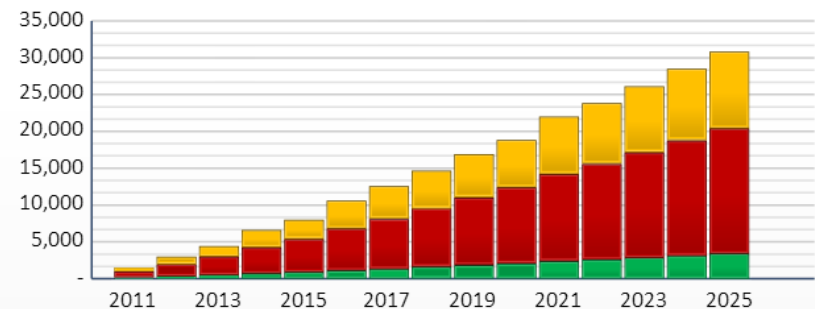
= Additional Degrees **203,584**

Undergraduate Certificates 25,042

Total Additional Undergraduate Credentials **228,626**

Additional Undergraduate Credentials Awarded Annually

Certificates Associate's Bachelor's



Calculating the Economic Value of Increasing College Credentials by 2025 Connecticut

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