

Setting Goals for Colorado Higher Education



Colorado Commission on Higher Education
Denver, Colorado
December 2, 2011



NCHEMS

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

COLORADO EDUCATION DEMOGRAPHICS

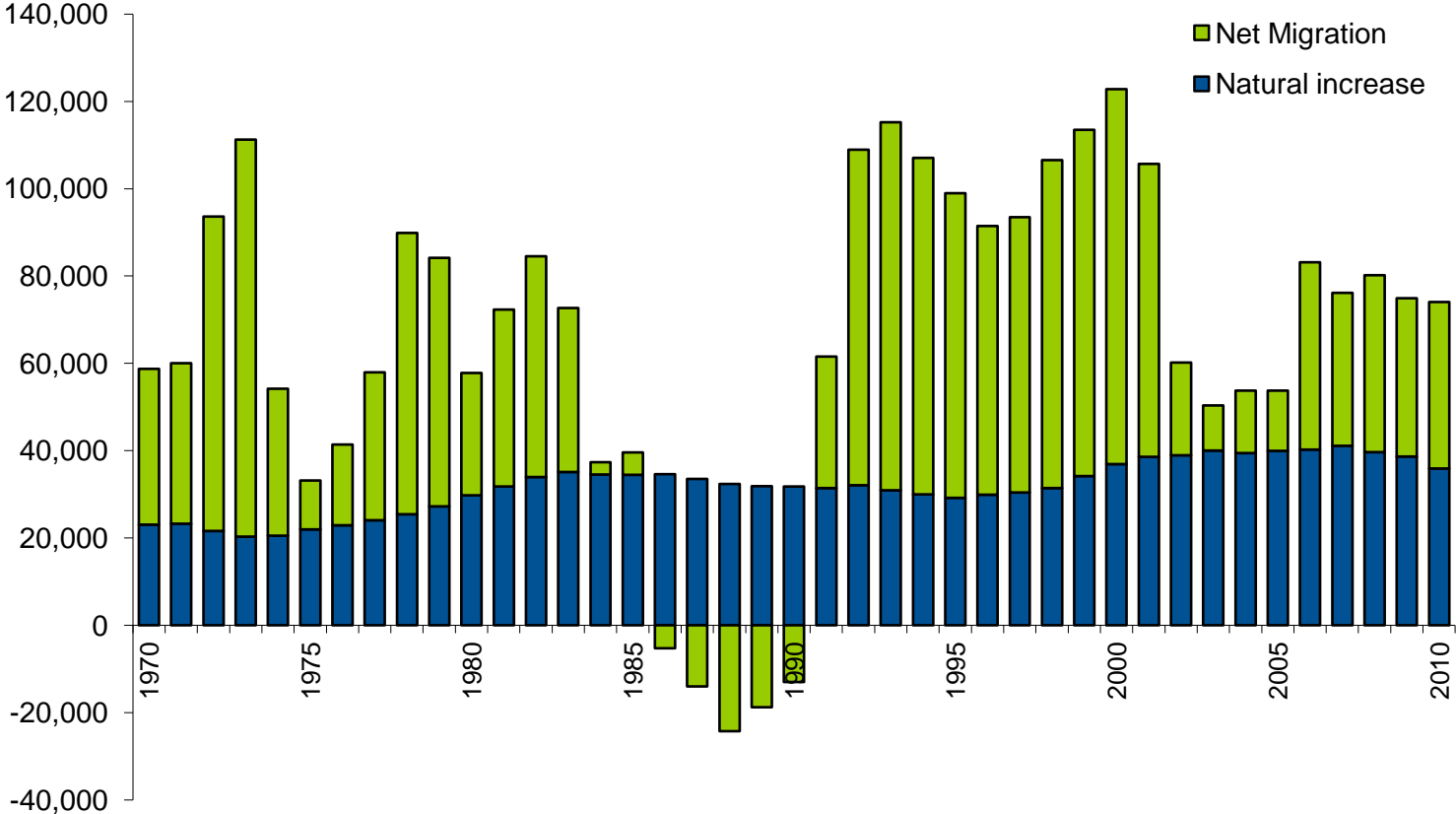
Population trends (what is Colorado projected to look like in the future?)

Education demographics (what does the population look like today?)

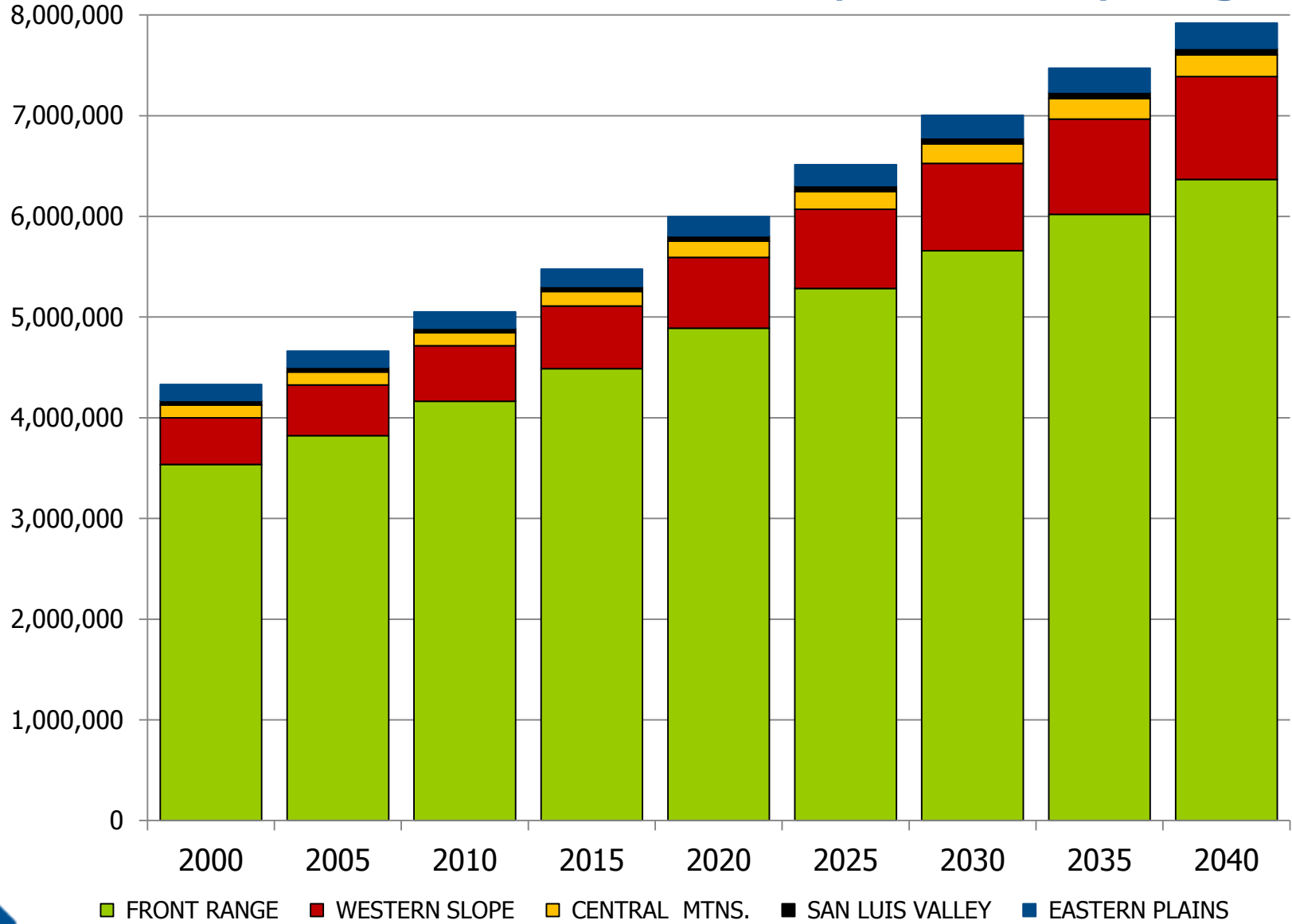
- Education Attainment

- Education Attainment Gaps

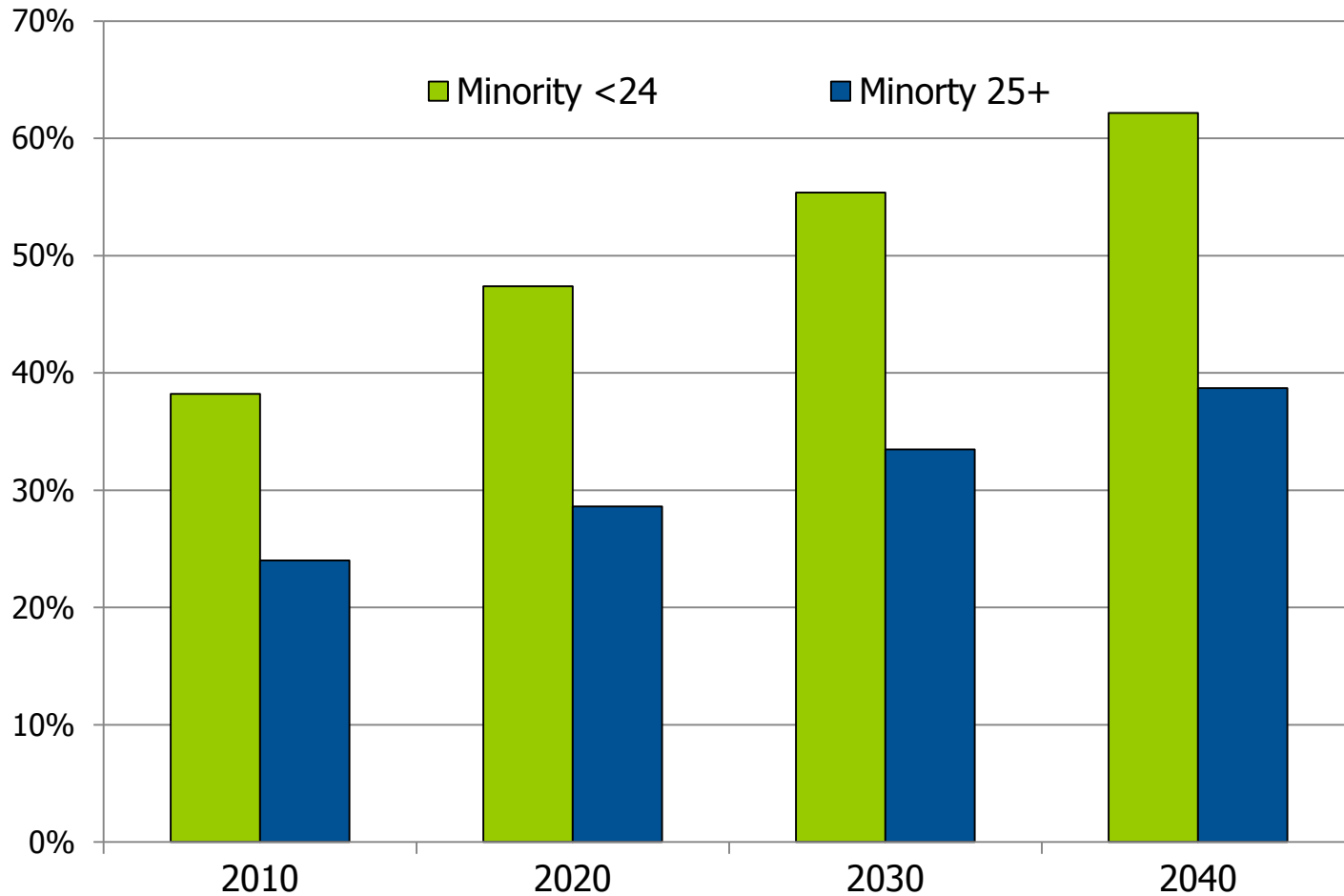
Colorado Population Change



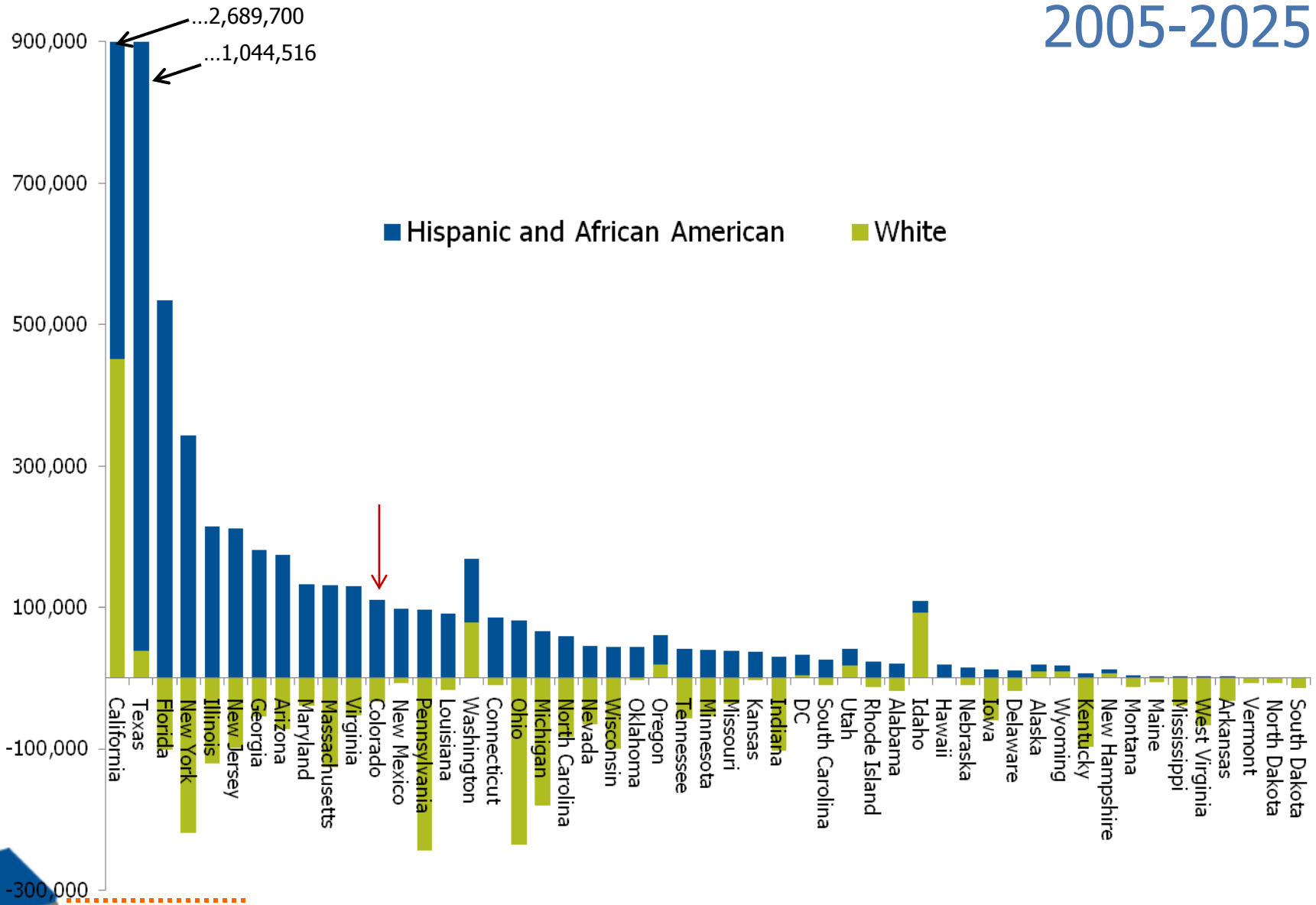
Colorado Population by Region



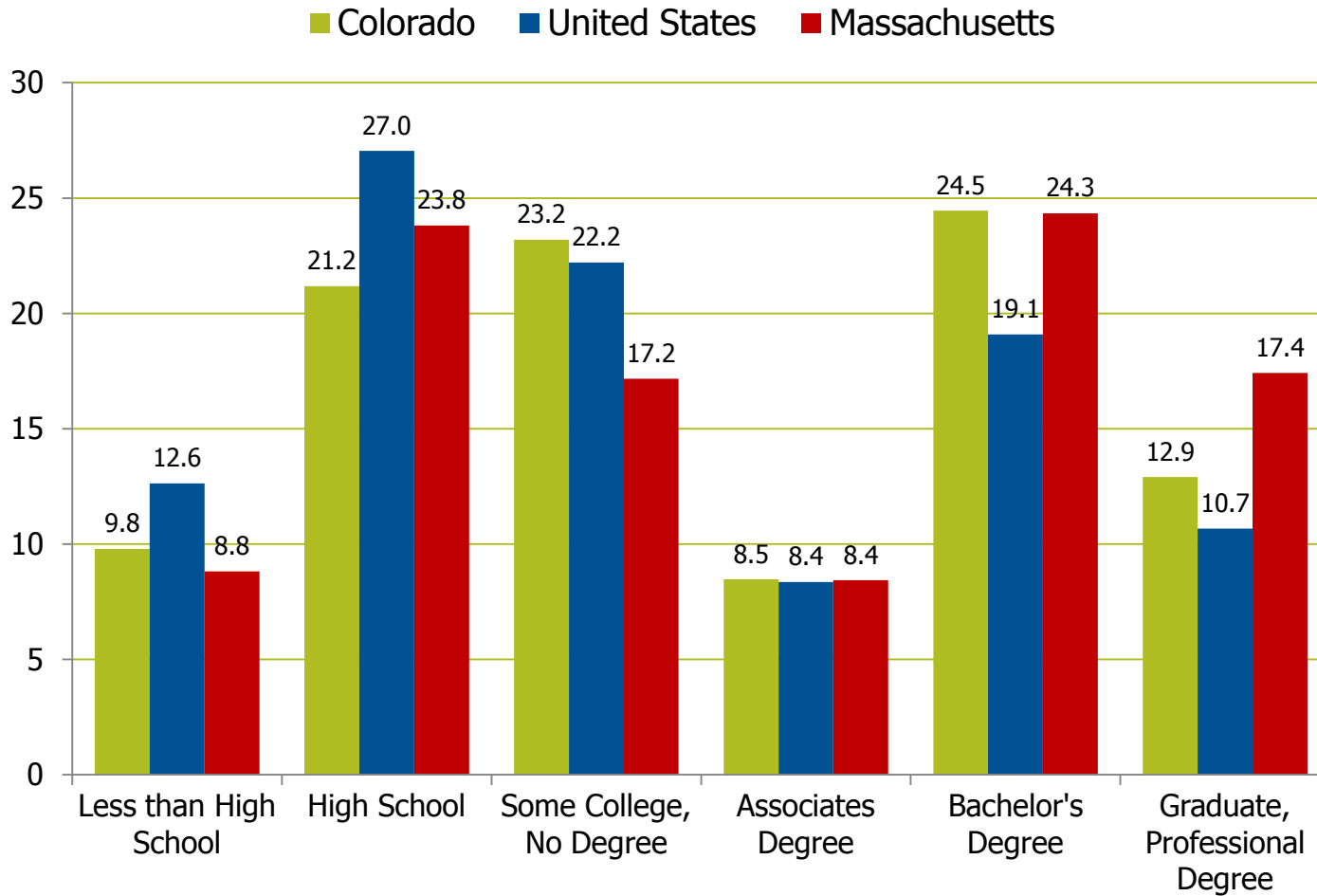
Percent Minority by Age Over Time



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

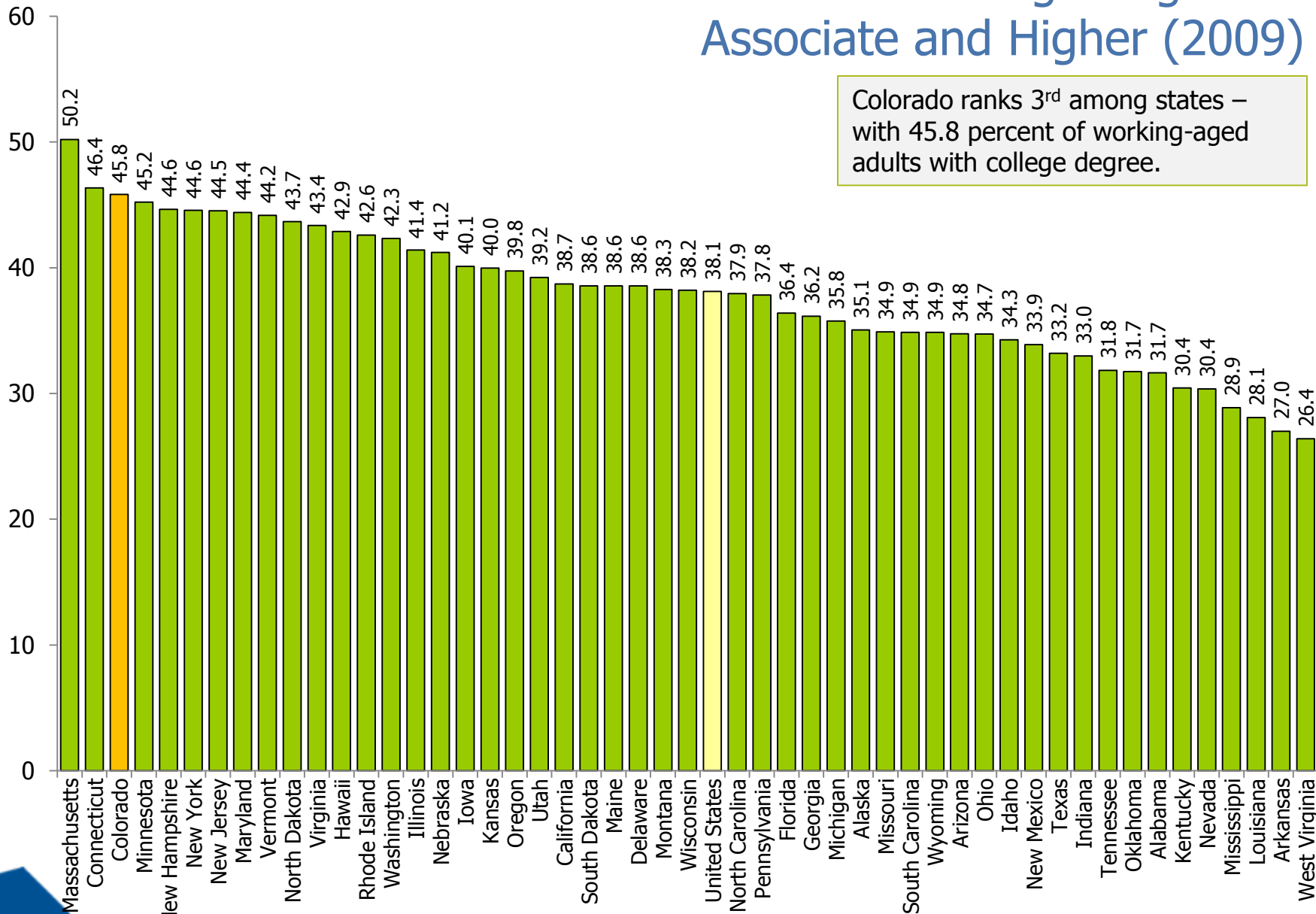


Educational Attainment of Working Aged Adults Aged 25 to 64 – Colorado, the U.S., and Most Educated State (2009)



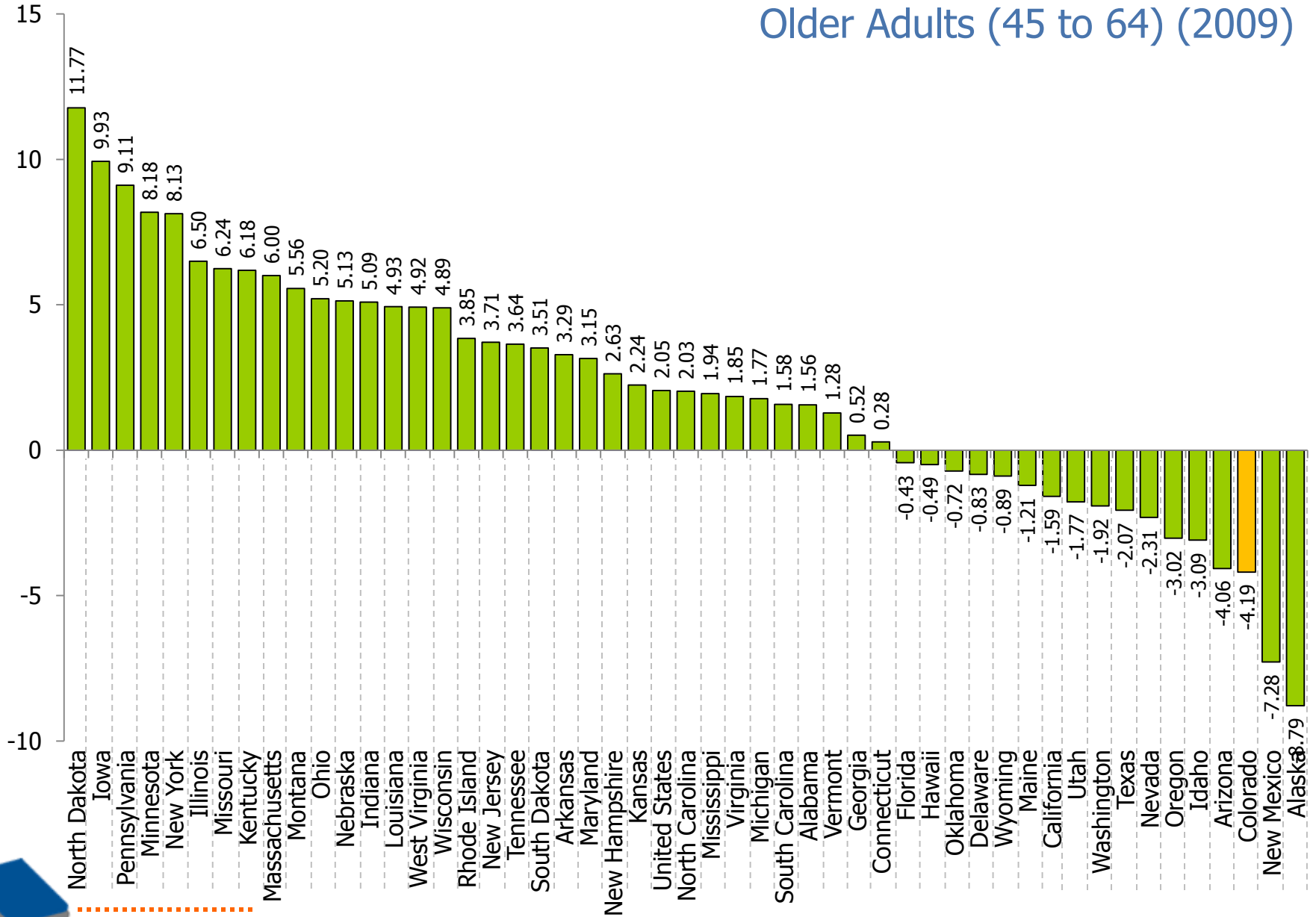
Colorado has more working-aged residents with some college but no degree and Bachelor's degrees than the U.S. and overall top state. More residents have college degrees than the U.S. at all levels.

Percent of 26 to 64 Year Olds with College Degrees - Associate and Higher (2009)

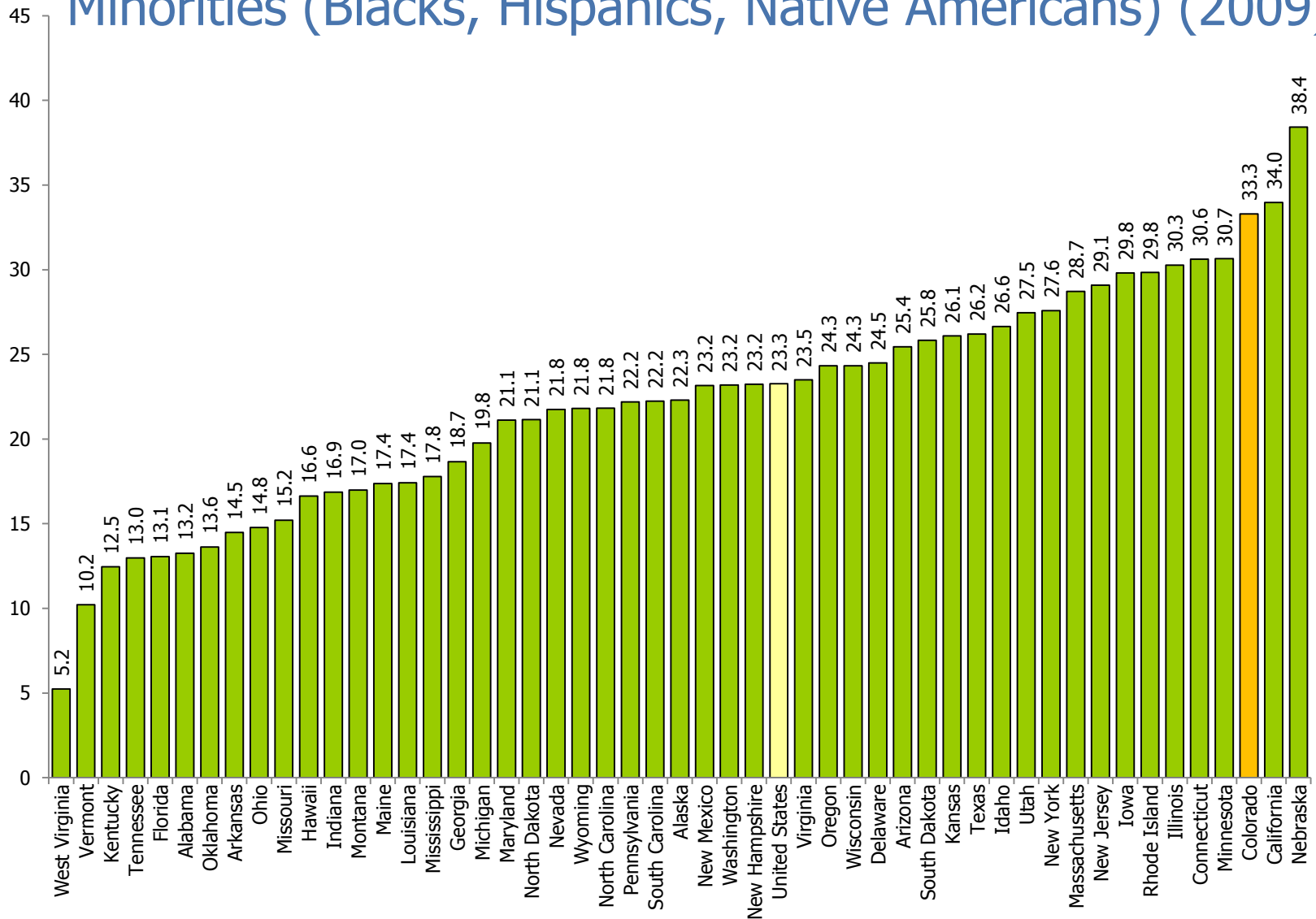


Colorado ranks 3rd among states – with 45.8 percent of working-aged adults with college degree.

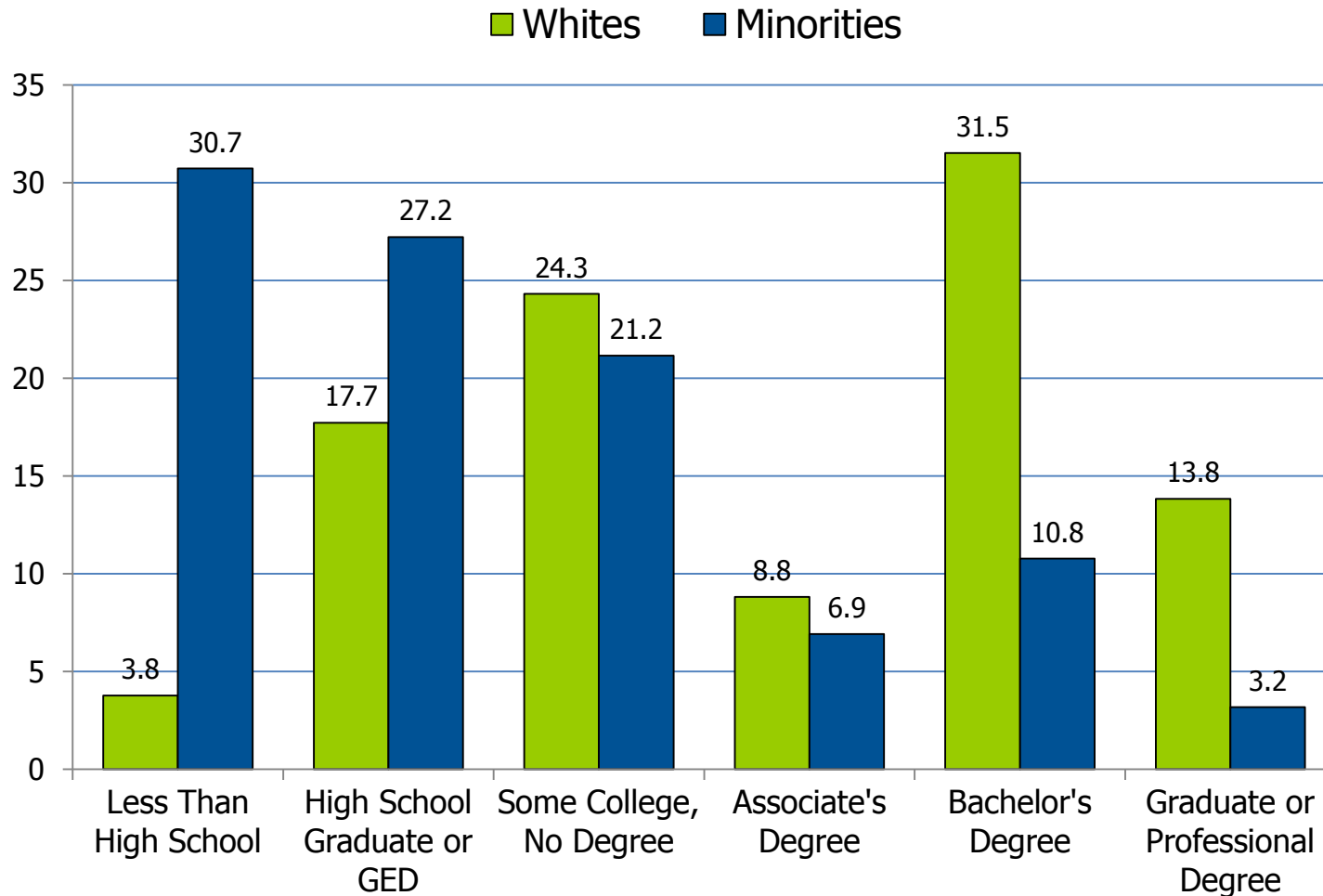
Difference in College Attainment between Young Adults (25 to 34) and Older Adults (45 to 64) (2009)



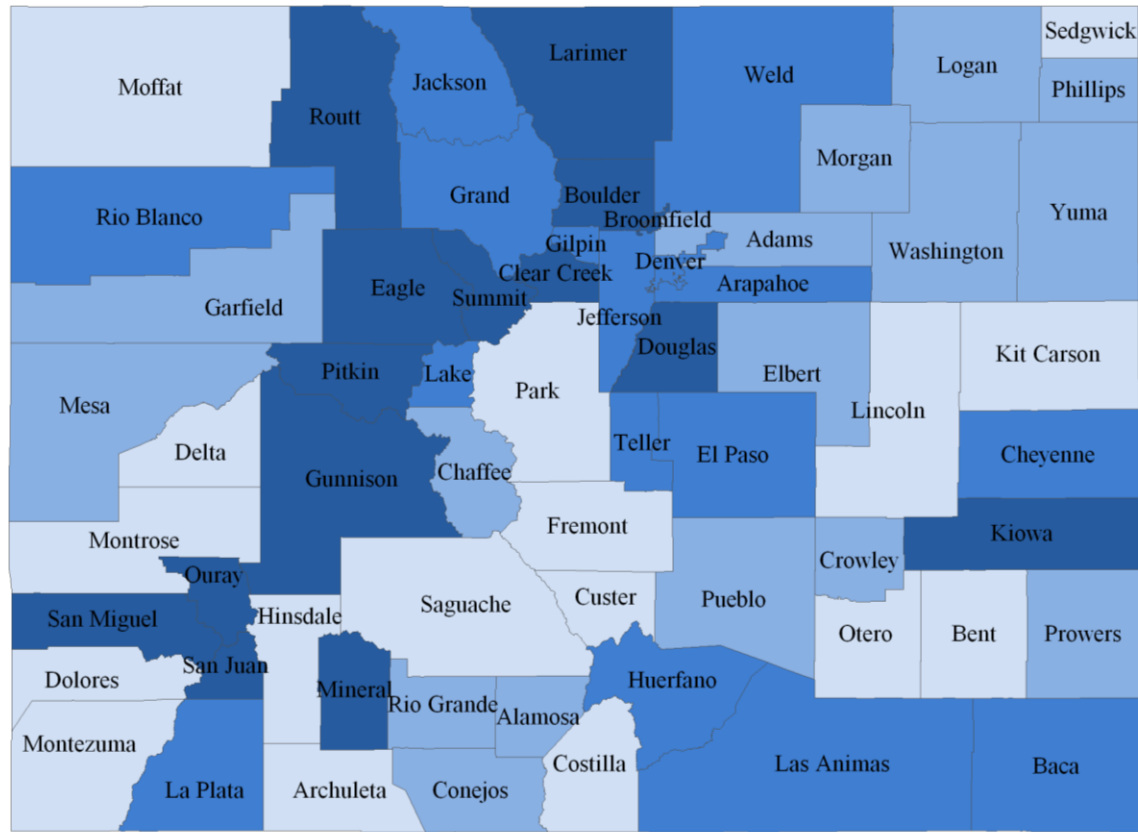
Difference in College Attainment between Whites and Minorities (Blacks, Hispanics, Native Americans) (2009)



Educational Attainment of Whites and Minorities (Blacks, Hispanics, Native Americans) Aged 25 to 44 (2009)

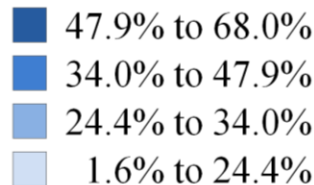


Percent of Adults Aged 25-34 with College Degrees – Associate and Higher – By County (2009)

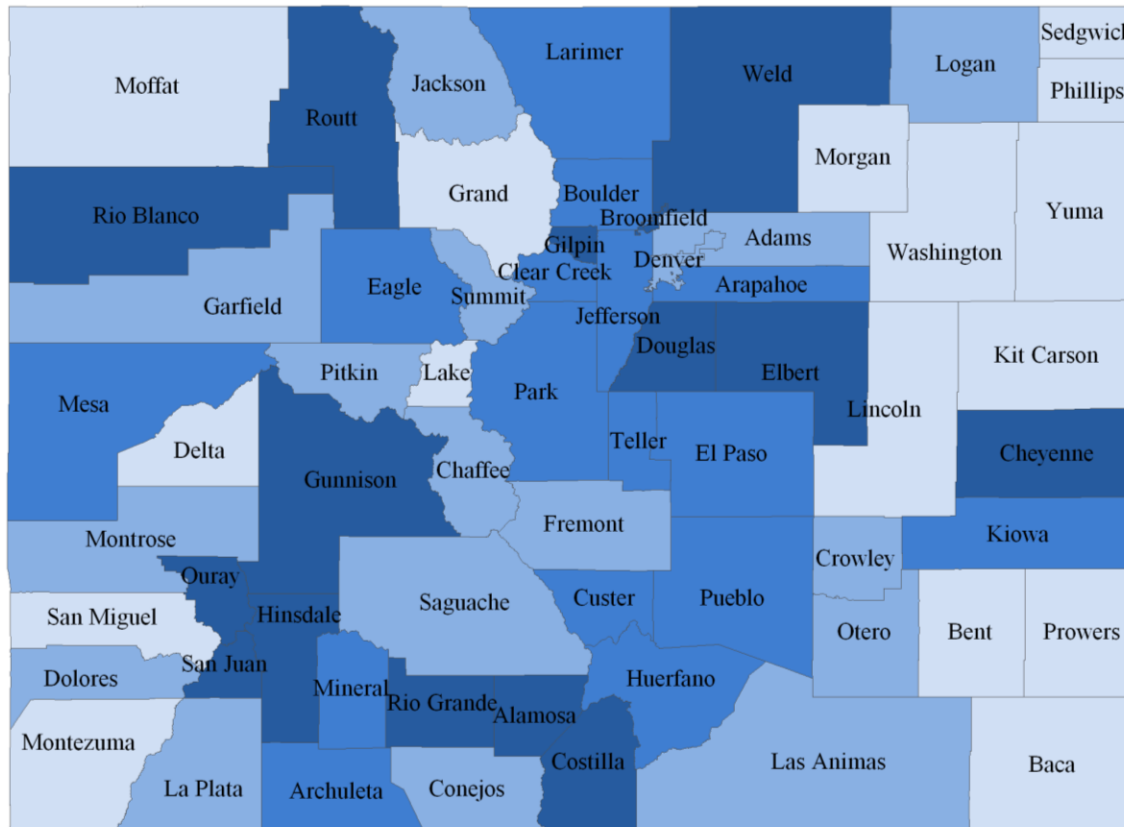


68.0% - San Juan
1.6% - Costilla

Percent Age 25-34 with College Degree



Public First-Time Undergraduates Directly Out of High School as a Percent of Public High School Graduates, 2006-08 Annual Average



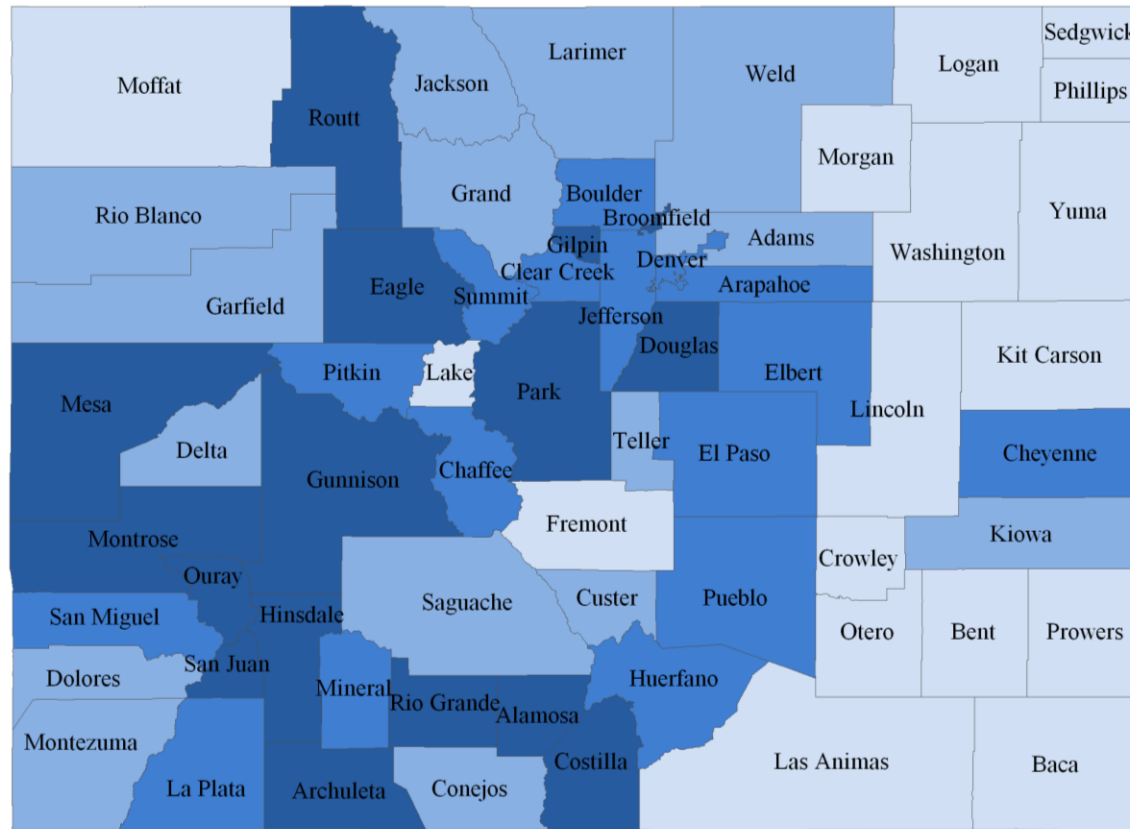
Public Participation Rates

- 41.2% to 100.0%
- 38.3% to 41.2%
- 32.6% to 38.3%
- 9.7% to 32.6%

Colorado = 40.0%

Source: Colorado Department of Higher Education. Colorado Department of Education.

Public 4-Year First-Time Undergraduates Directly Out of High School as a Percent of Public High School Graduates, 2006-08 Annual Average



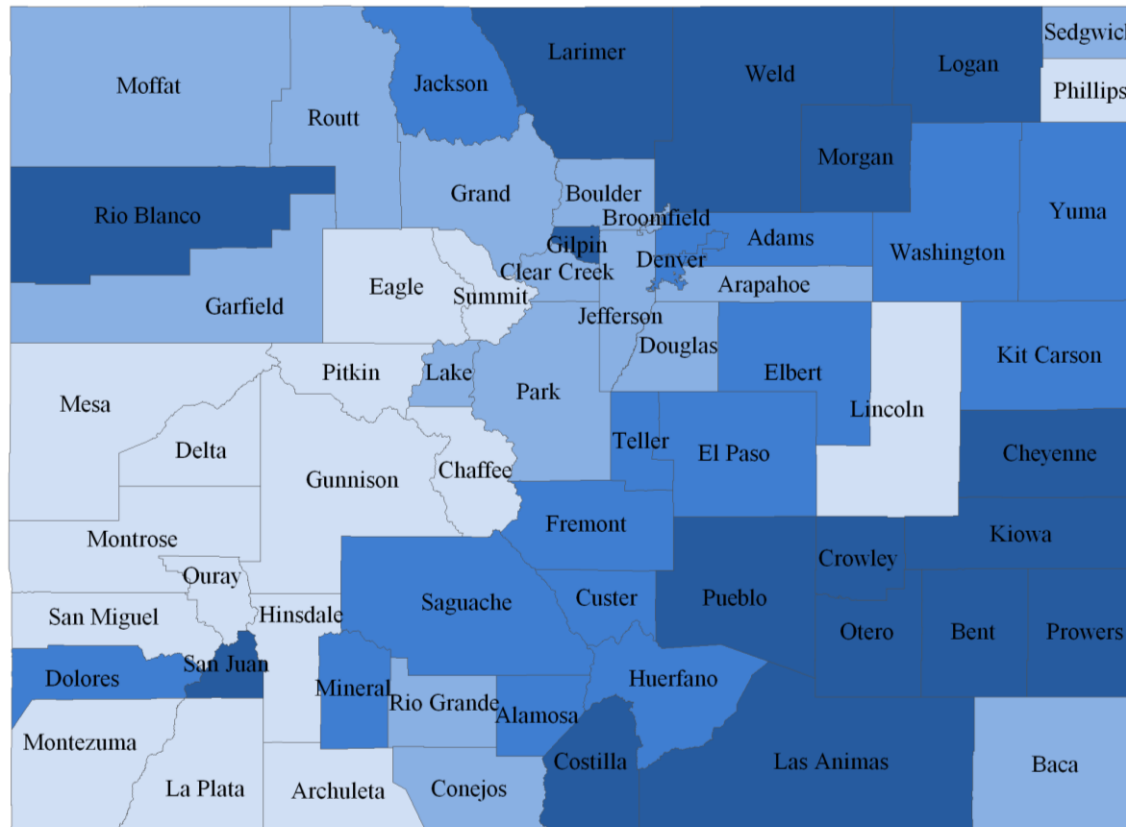
Public 4-Year Participation Rates

- 34.3% to 100.0%
- 29.5% to 34.3%
- 22.7% to 29.5%
- 4.6% to 22.7%

Colorado = 32.0%

Source: Colorado Department of Higher Education. Colorado Department of Education.

Public 2-Year First-Time Undergraduates Directly Out of High School as a Percent of Public High School Graduates, 2006-08 Annual Average



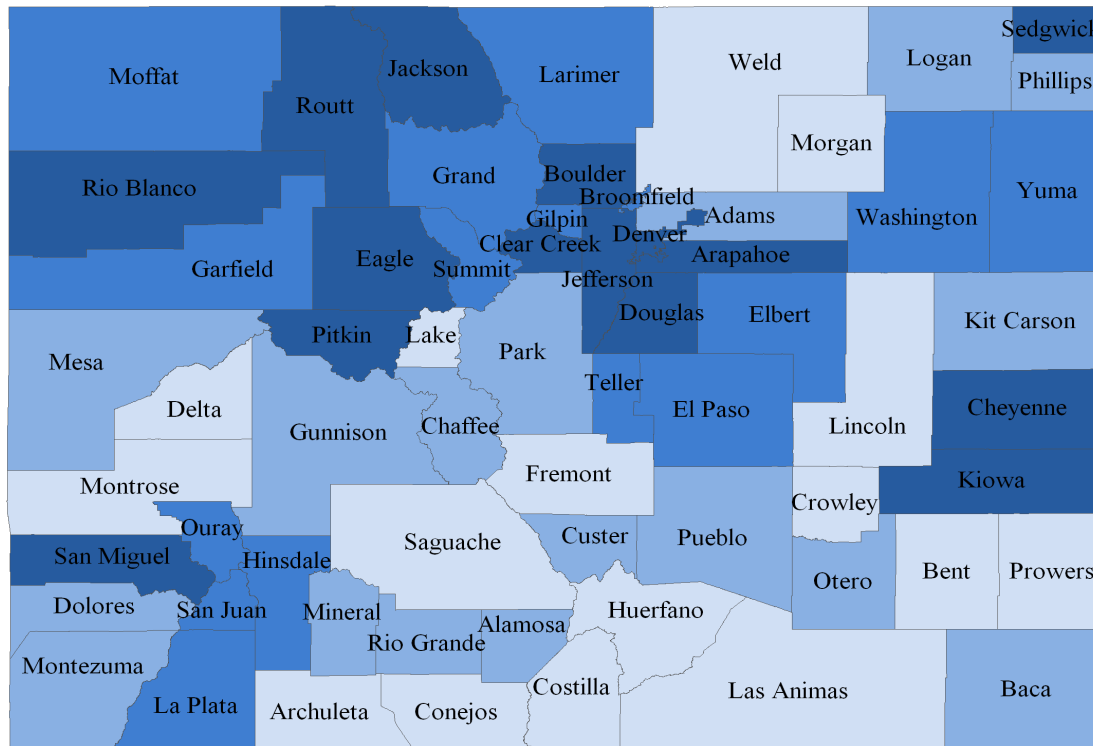
Public 2-Year Participation Rates

- 10.8% to 71.5%
- 7.8% to 10.8%
- 5.1% to 7.8%
- 0.0% to 5.1%

Colorado = 8.0%

Source: Colorado Department of Higher Education. Colorado Department of Education.

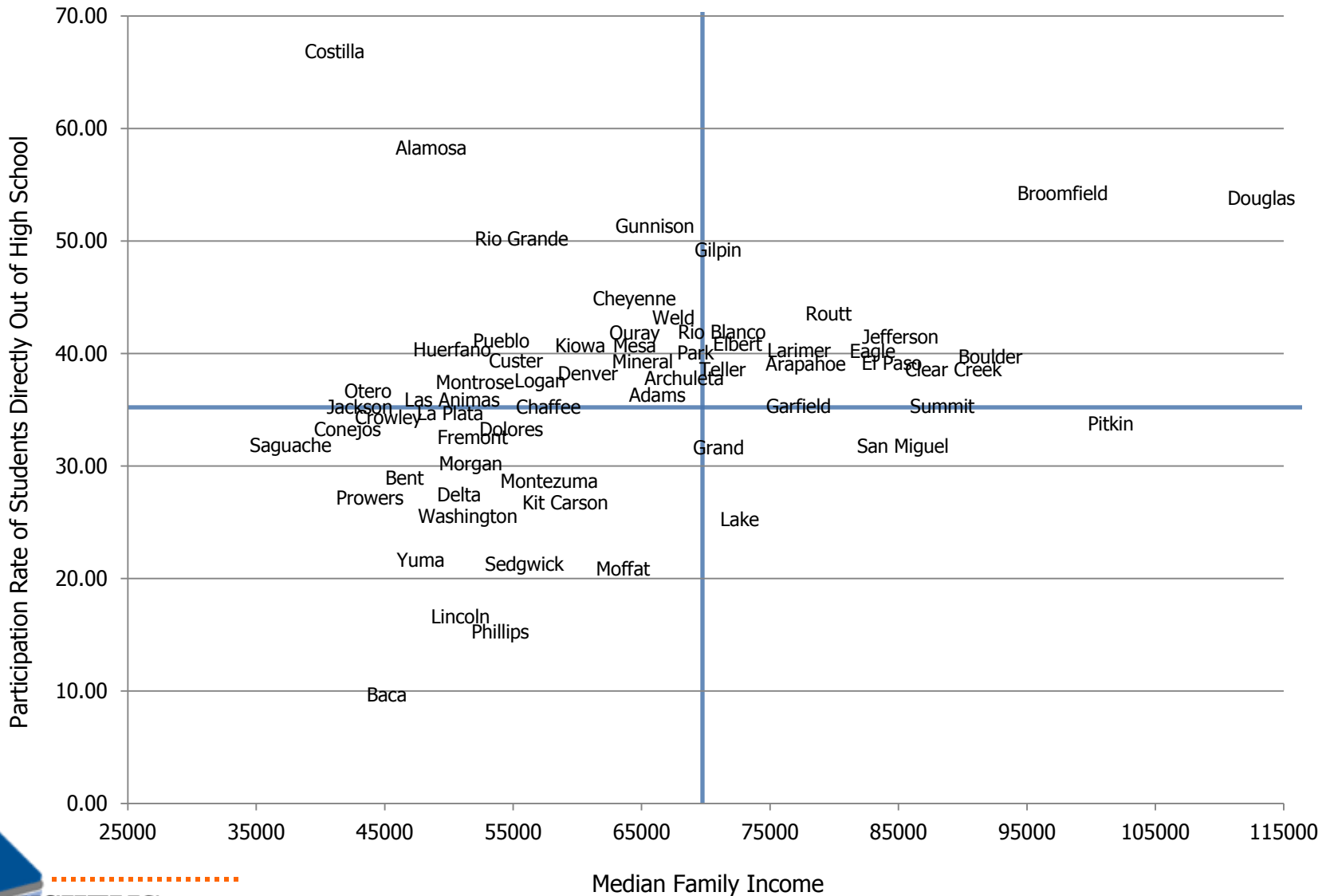
Colorado Personal Income per Capita by County (2008)



Personal Income per Capita by County

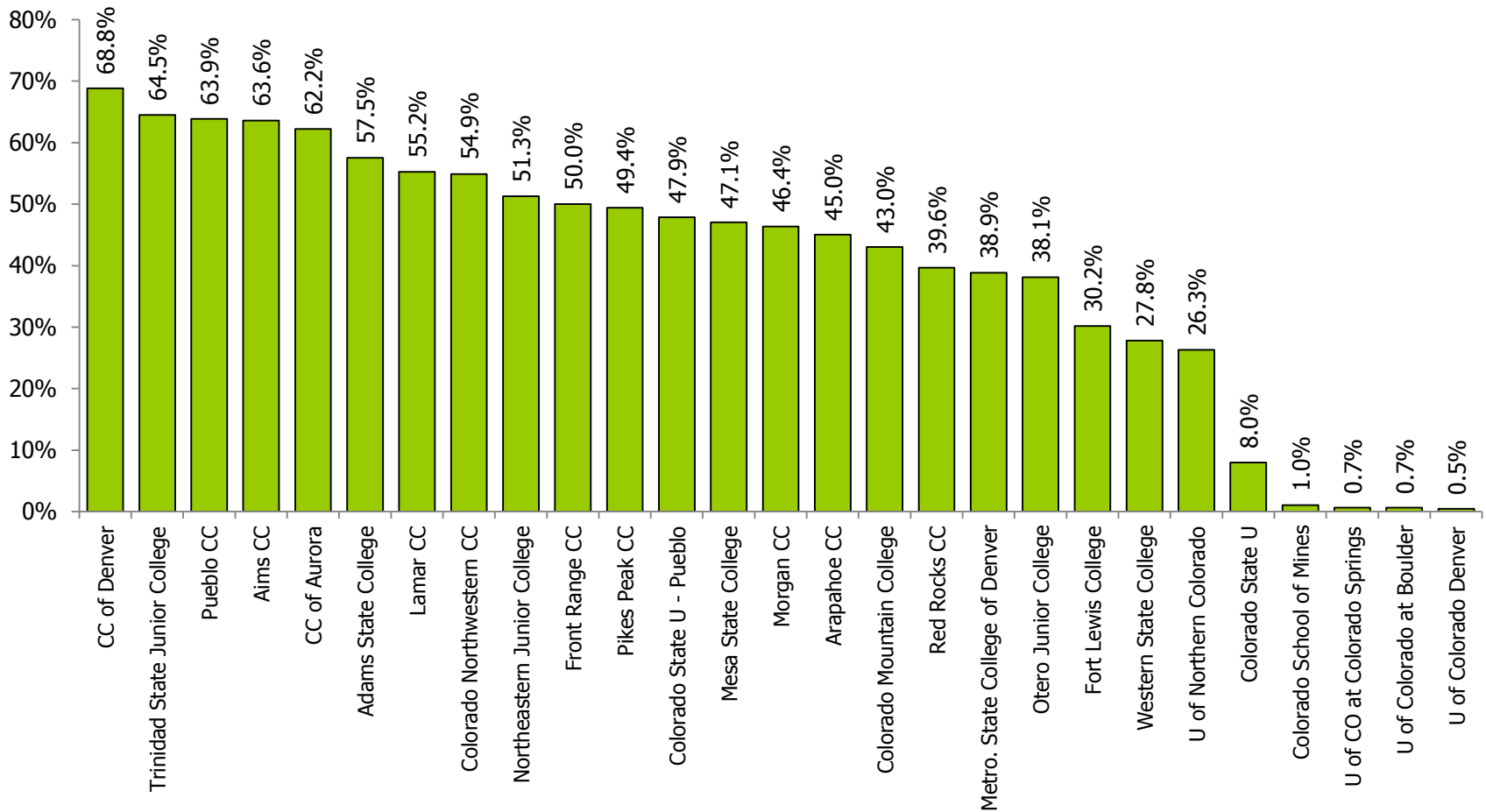
- \$42,400 to \$84,300
- \$35,000 to \$42,400
- \$31,300 to \$35,000
- \$15,000 to \$31,300

Colorado Participation Rate vs. Median Income



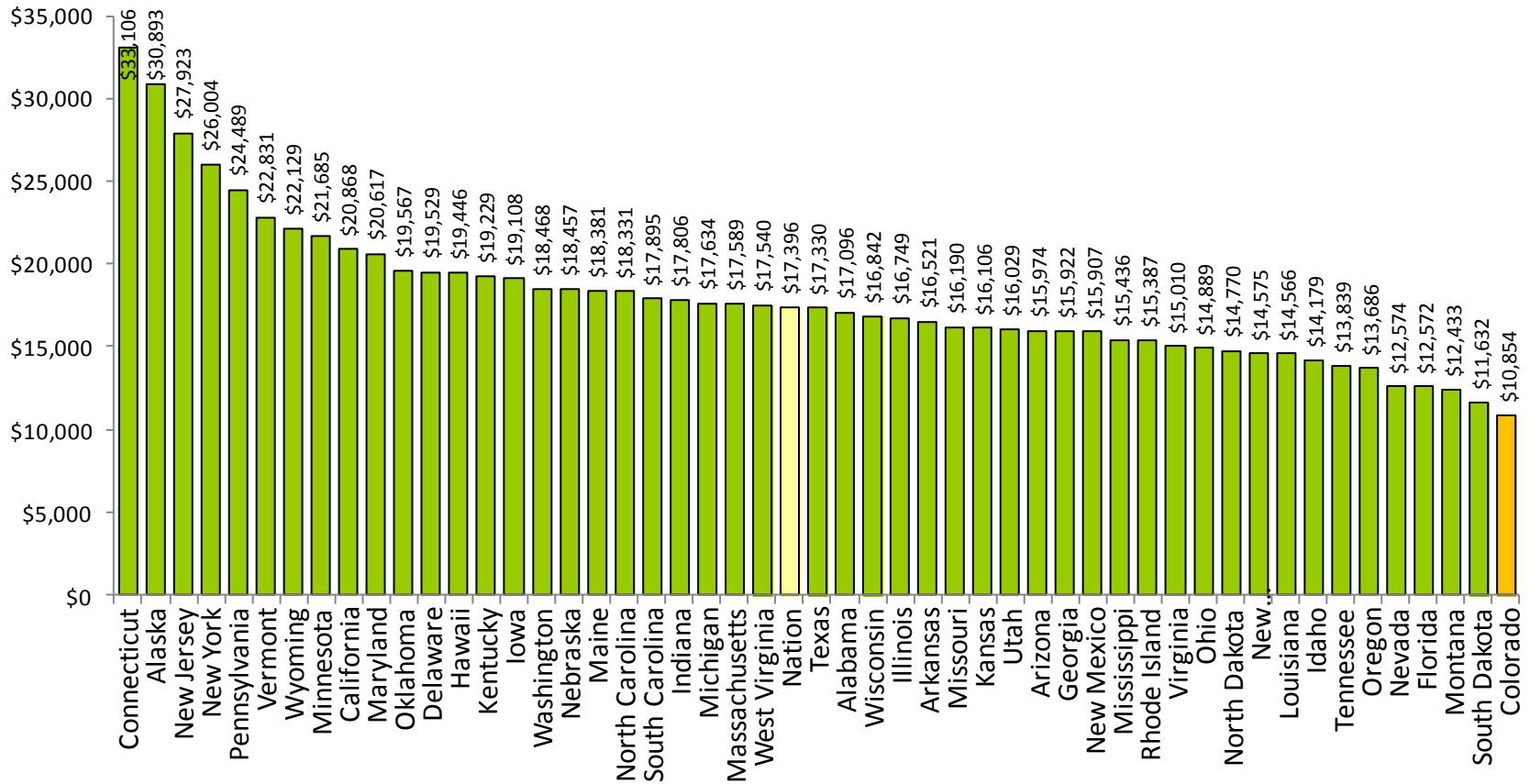
Alignment of P-12 with Postsecondary

Proportion of First-time Students Placed in Developmental Education



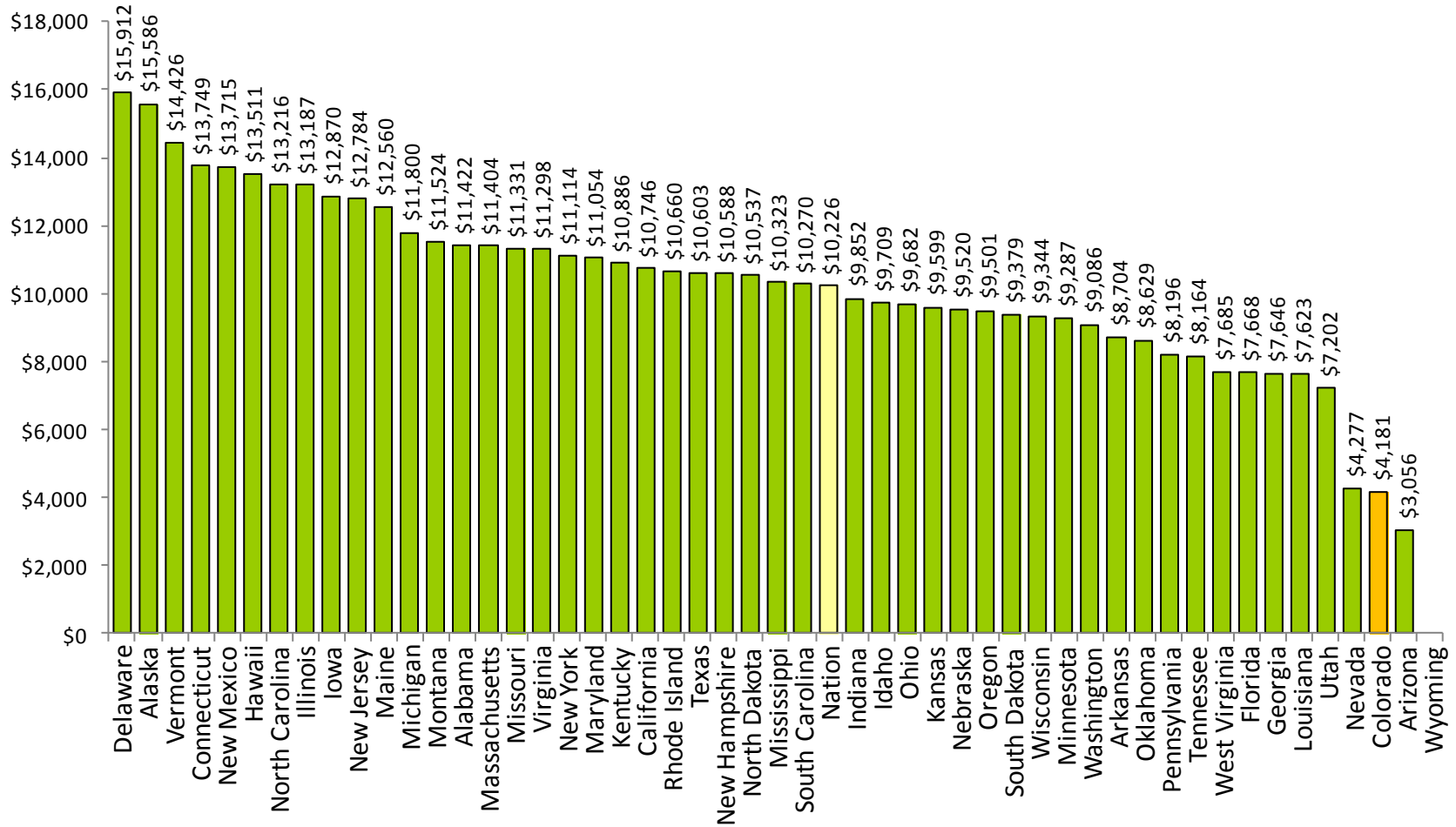
Funding Higher Education in Colorado

Public Research & Medical Institutions - Net Tuition & Fees and State & Local Appropriations per FTES, 2009-10



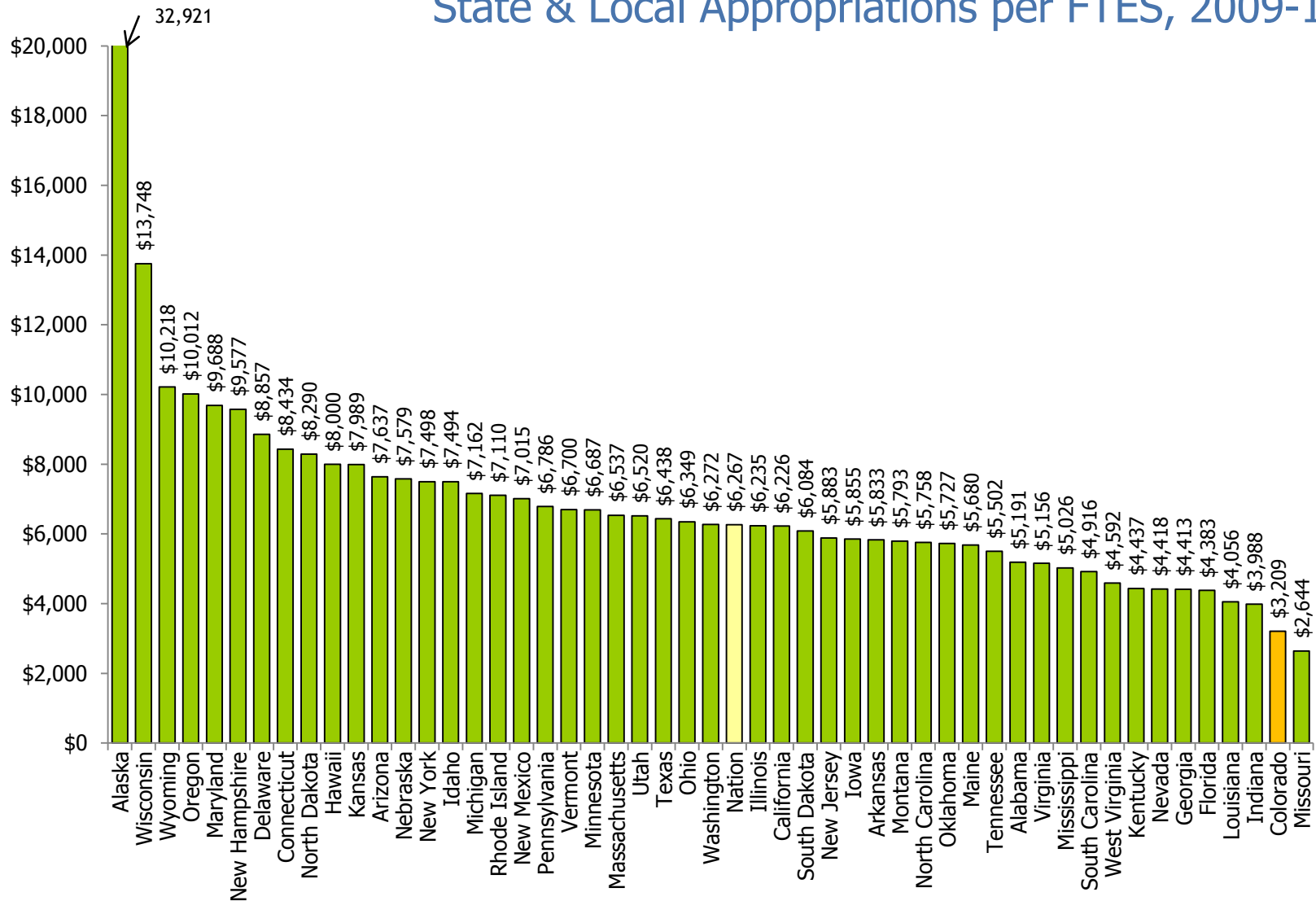
Source: NCES, IPEDS 2009-10 finance files (early release), 2009-10 instructional activity & unduplicated headcount enrollment files (early release), fall 2009 enrollment files, 2010 institutional characteristics files.

Public Masters, Bachelors, & Other 4-Year Institutions - Net Tuition & Fees and State & Local Appropriations per FTES, 2009-10



Source: NCES, IPEDS 2009-10 finance files (early release), 2009-10 instructional activity & unduplicated headcount enrollment files (early release), fall 2009 enrollment files, 2010 institutional characteristics files.

Public Associates & Other 2-Year Institutions - Net Tuition & Fees and State & Local Appropriations per FTES, 2009-10



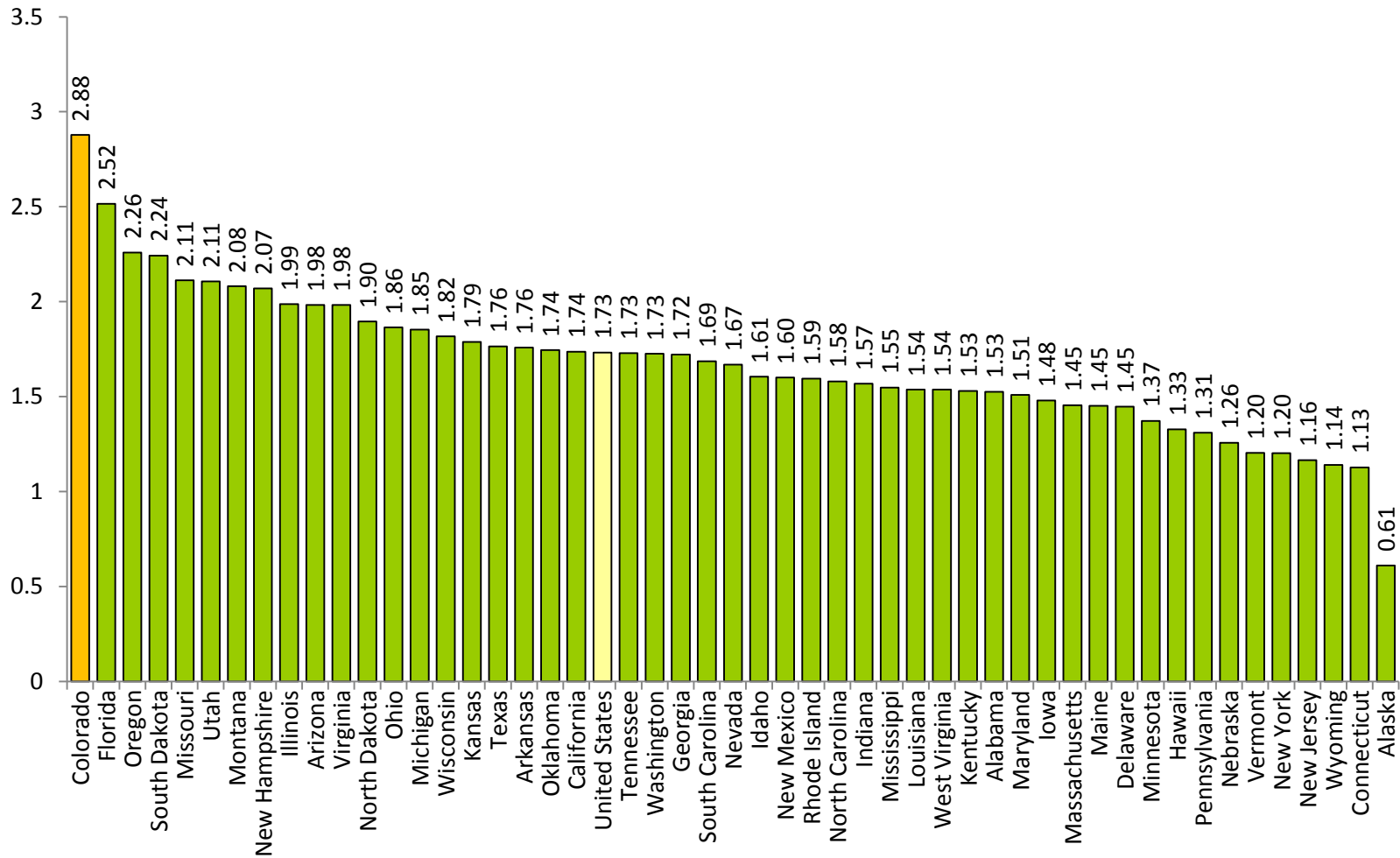
Source: NCES, IPEDS 2009-10 finance files (early release), 2009-10 instructional activity & unduplicated headcount enrollment files (early release), fall 2009 enrollment files, 2010 institutional characteristics files.

Note: Aims Community College and Colorado Mountain College are excluded from Colorado's results but included in the National total.

Productivity

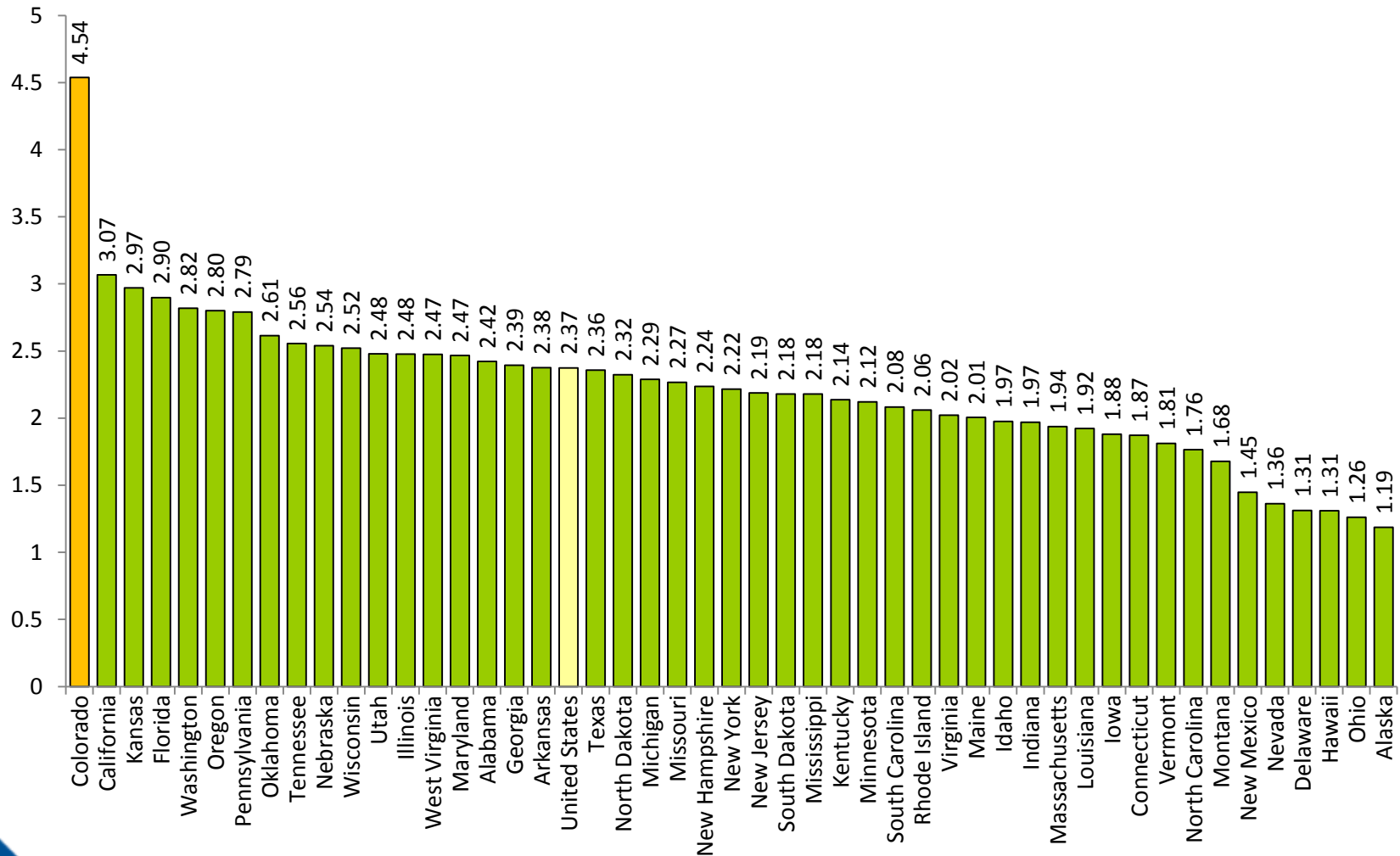
Undergraduate Awards (One Year and More) per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues - Public Research & Medical, 2008-09

(Weighted by Median Earnings of Graduates - by Degree-Level and STEM and Health)



Undergraduate Awards (One Year and More) per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues - Public Masters, Bachelors, & Other 4-Year, 2008-09

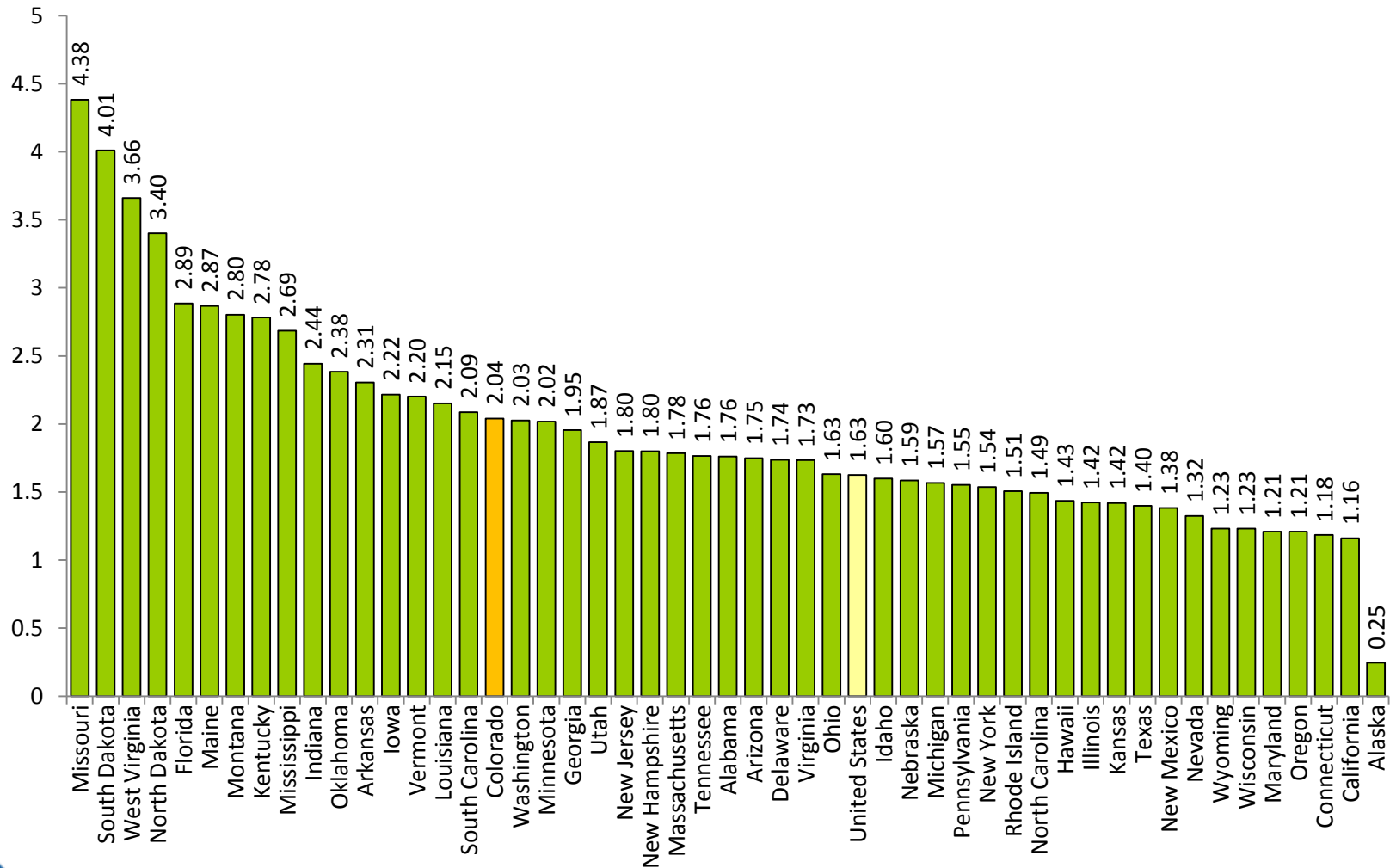
(Weighted by Median Earnings of Graduates - by Degree-Level and STEM and Health)



Sources: NCES, IPEDS Completions Survey; U.S. Census Bureau, American Community Survey (Public Use Microdata Samples)

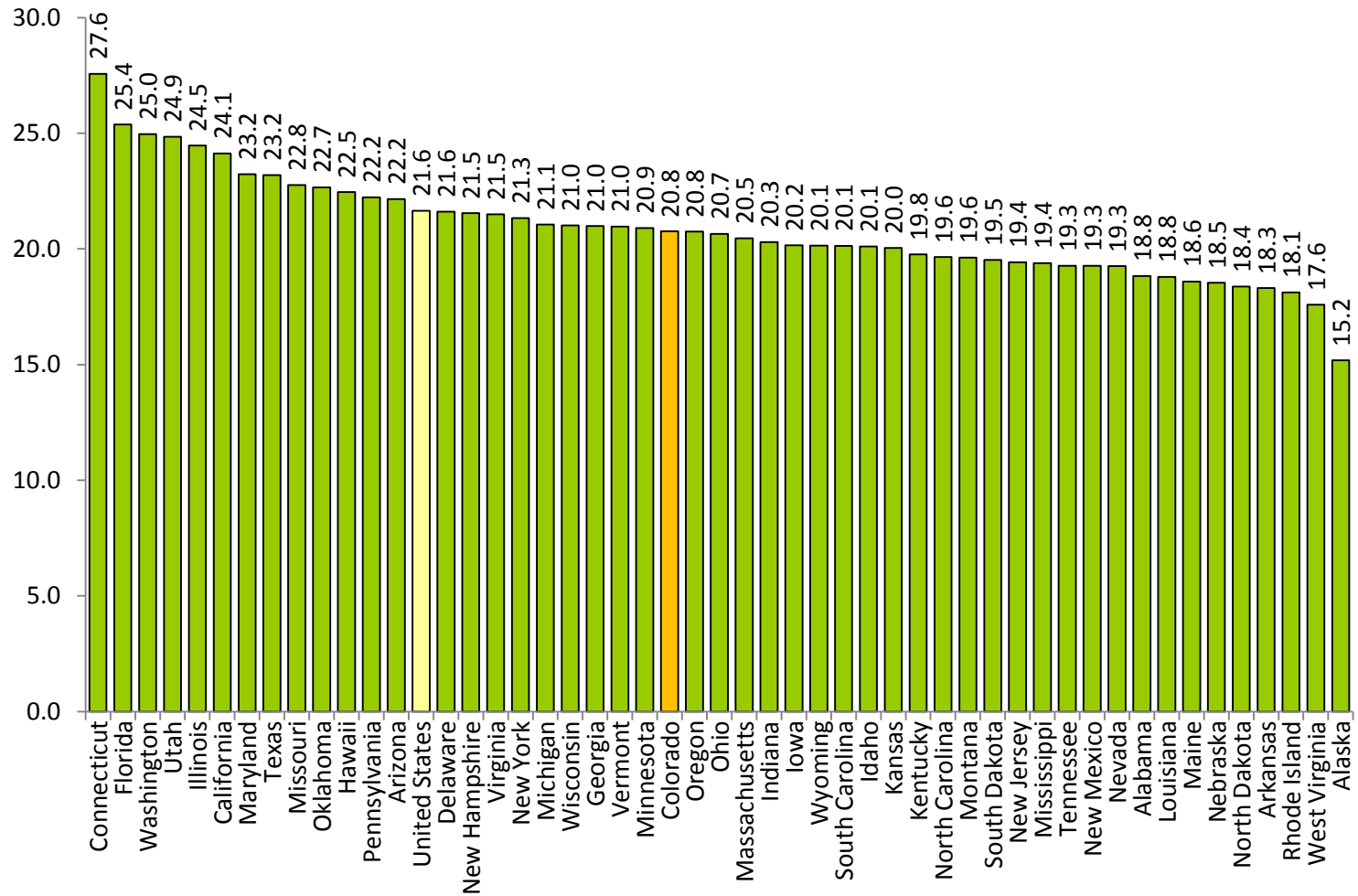
Undergraduate Awards (One Year and More) per \$100,000 of State & Local Appropriations and Tuition & Fees Revenues - Public Associates & Other 2-Year, 2008-09

(Weighted by Median Earnings of Graduates - by Degree-Level and STEM and Health)

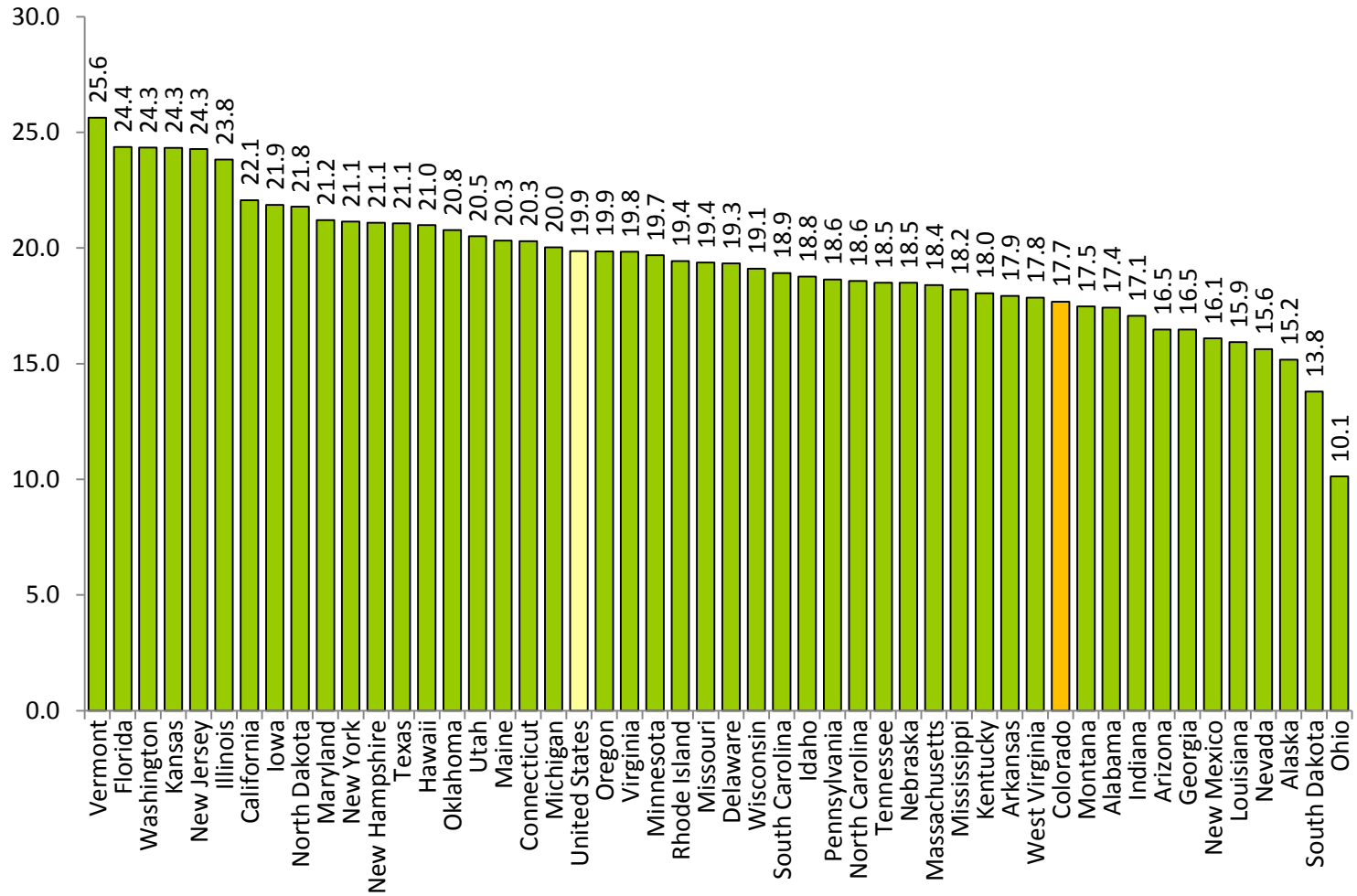


Sources: NCES, IPEDS Completions Survey; U.S. Census Bureau, American Community Survey (Public Use Microdata Samples)

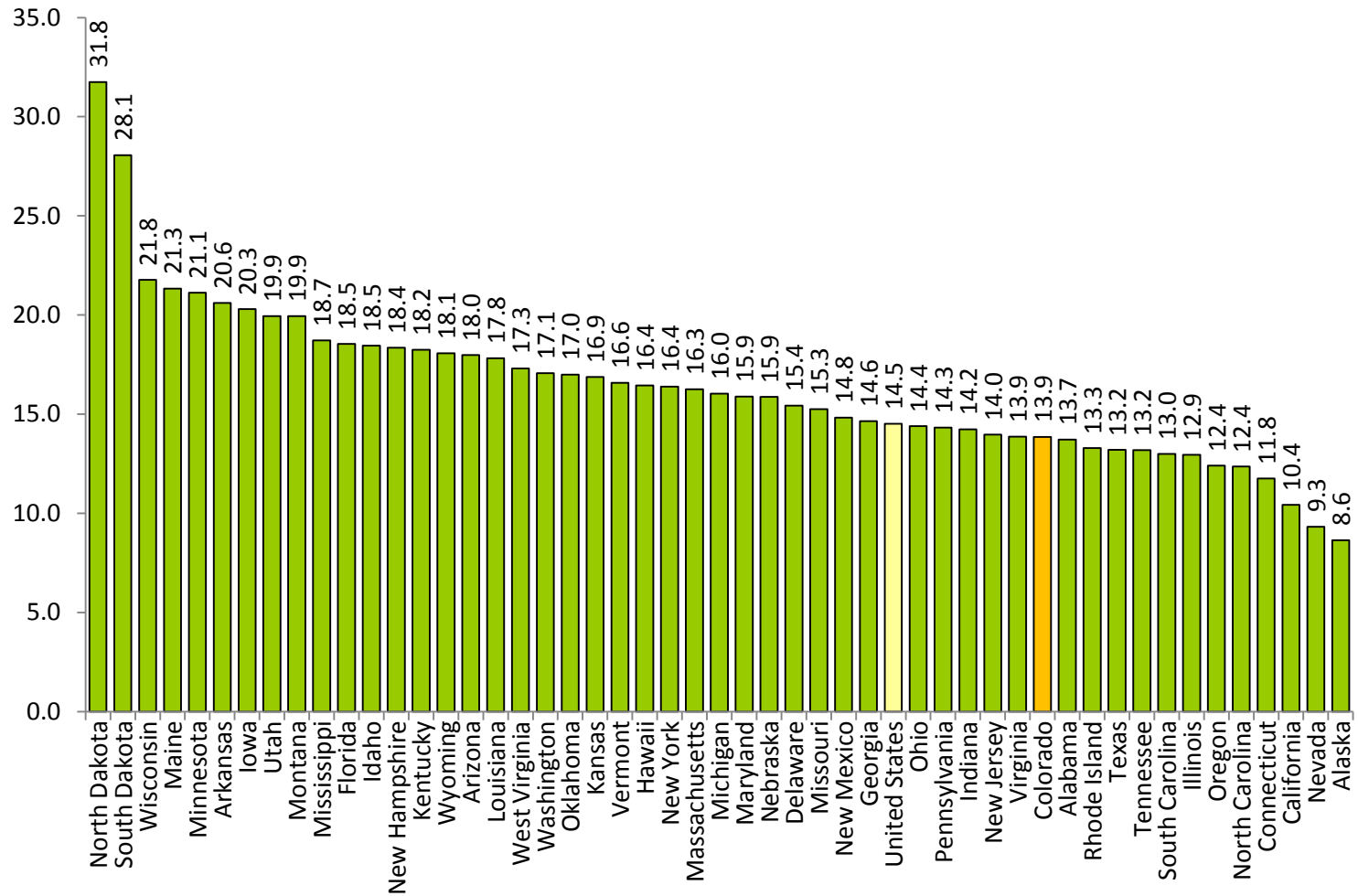
Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Research, 2008-09



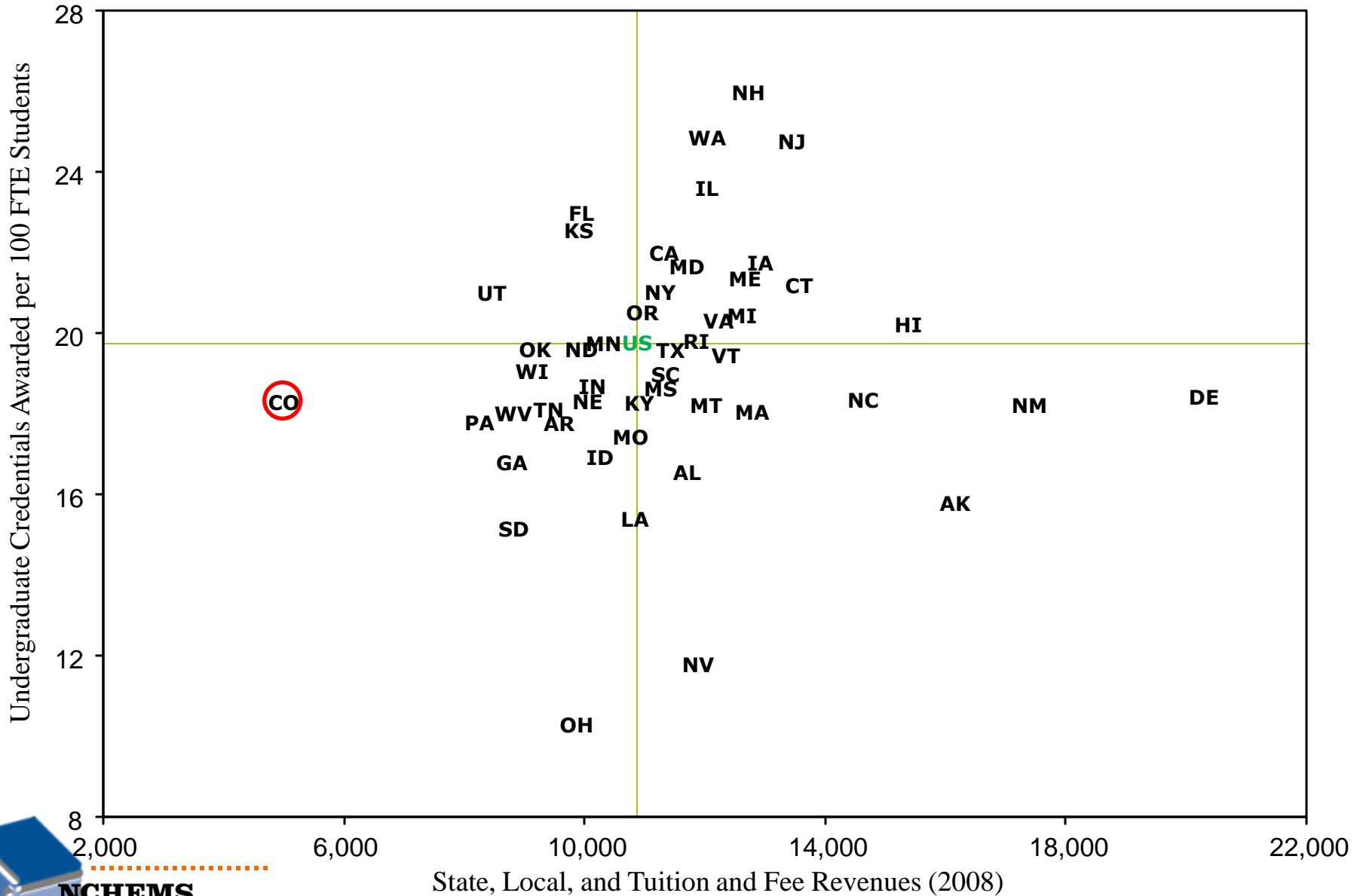
Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Bachelor’s and Masters, 2008-09



Undergraduate Awards (One Year and More) per 100 FTE Undergraduates – Public Two-Year, 2008-09



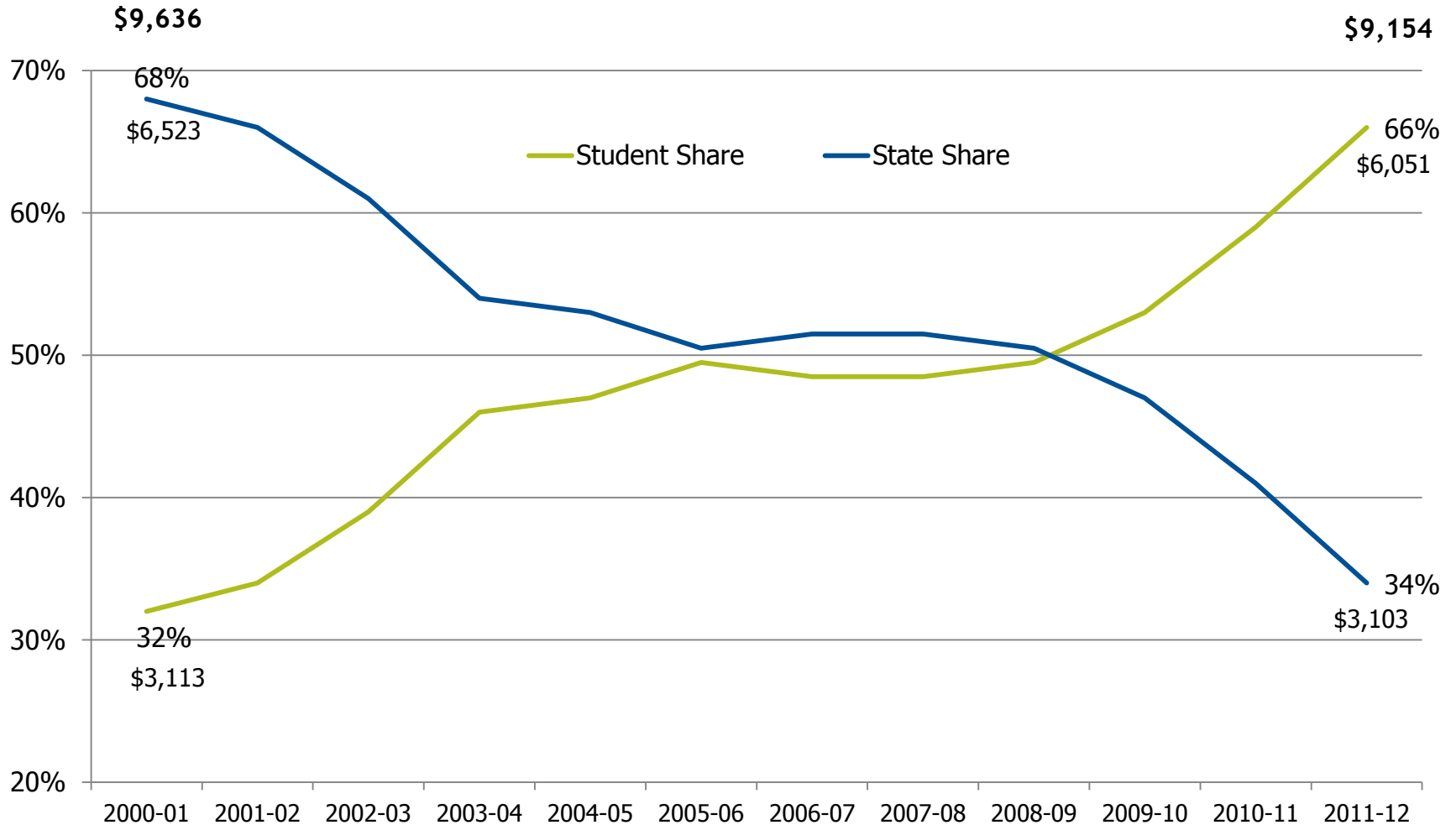
Public Bachelors and Masters Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student (2007-08)



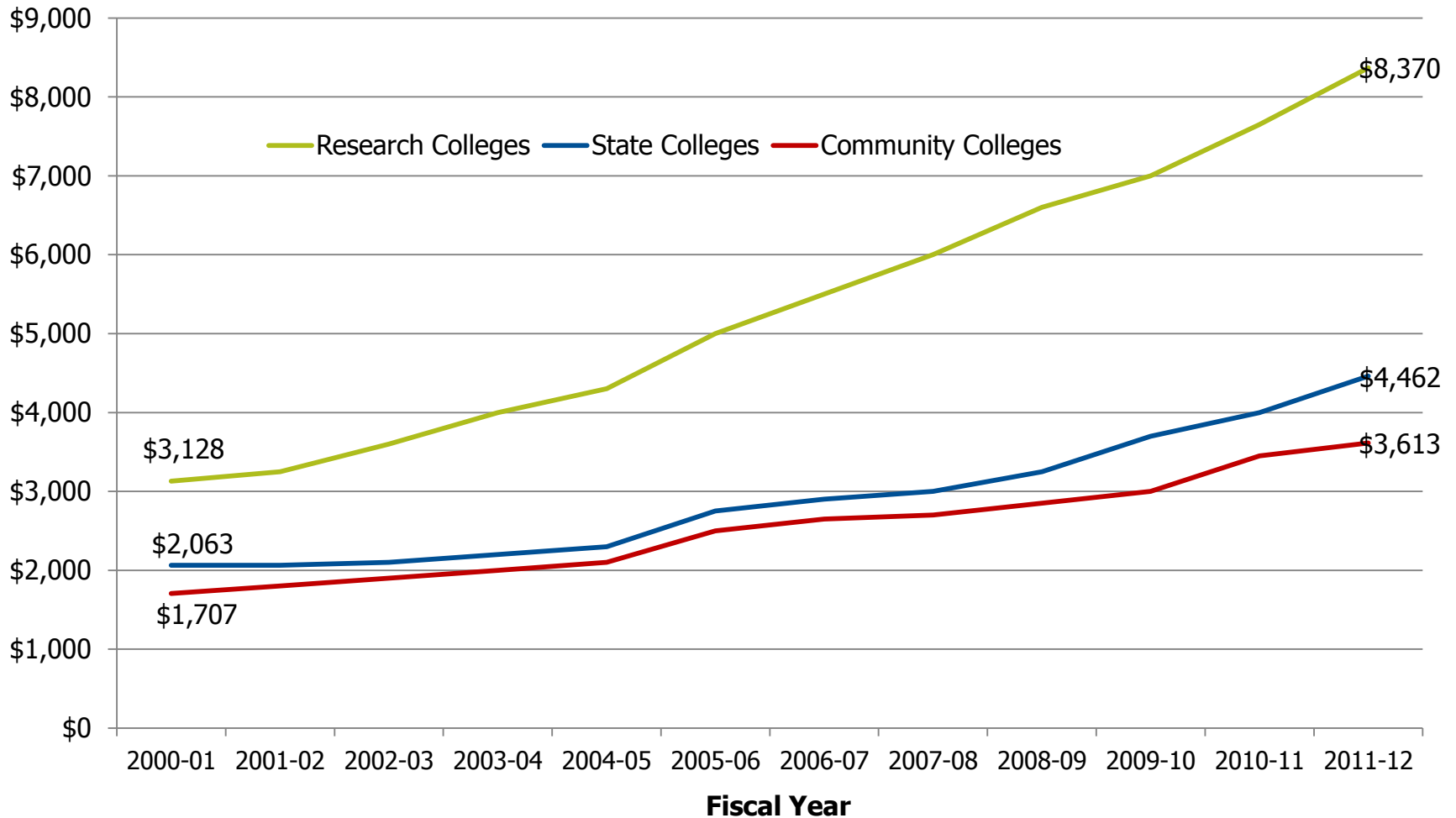
Affordability

Resident Student's Share of College Cost

All Governing Boards

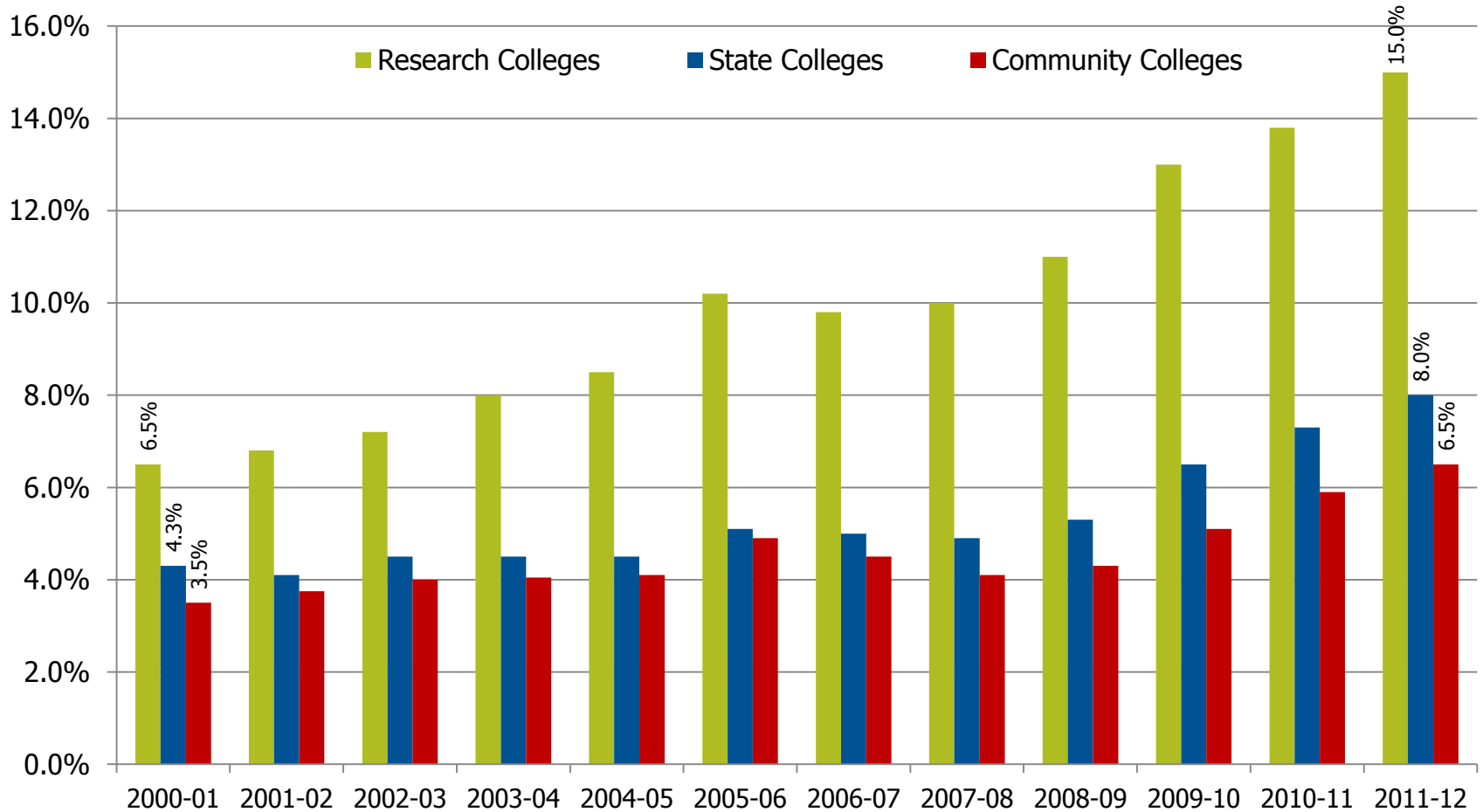


Average Tuition Cost per Resident Student Over Time



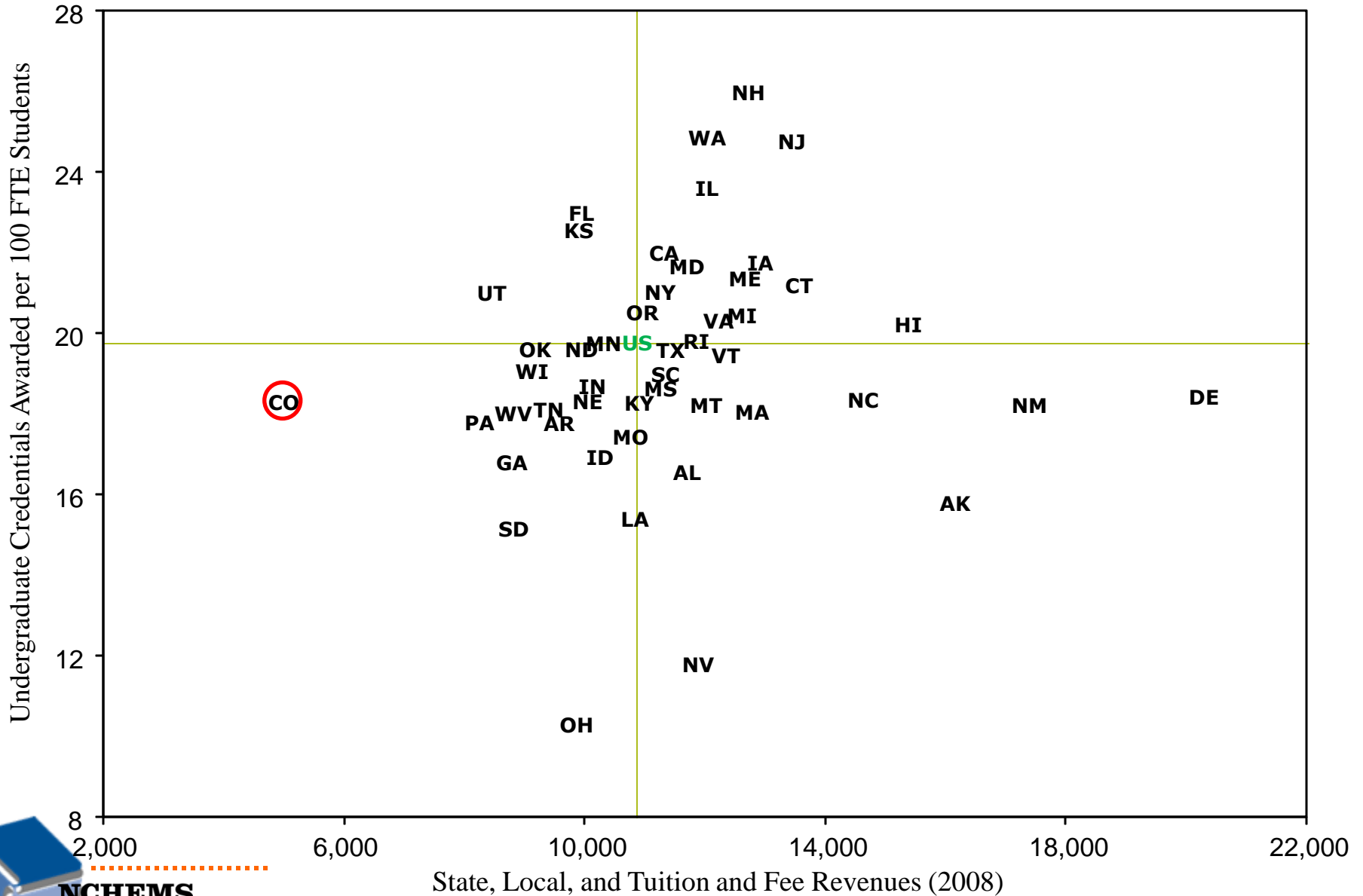
*FY2011-12 is understated as it is based on Long Bill data at 9%
College governing boards increased tuition anywhere between 9% and 20 % not captured here.

Tuition's Percent Share of Median Household Income Over Time

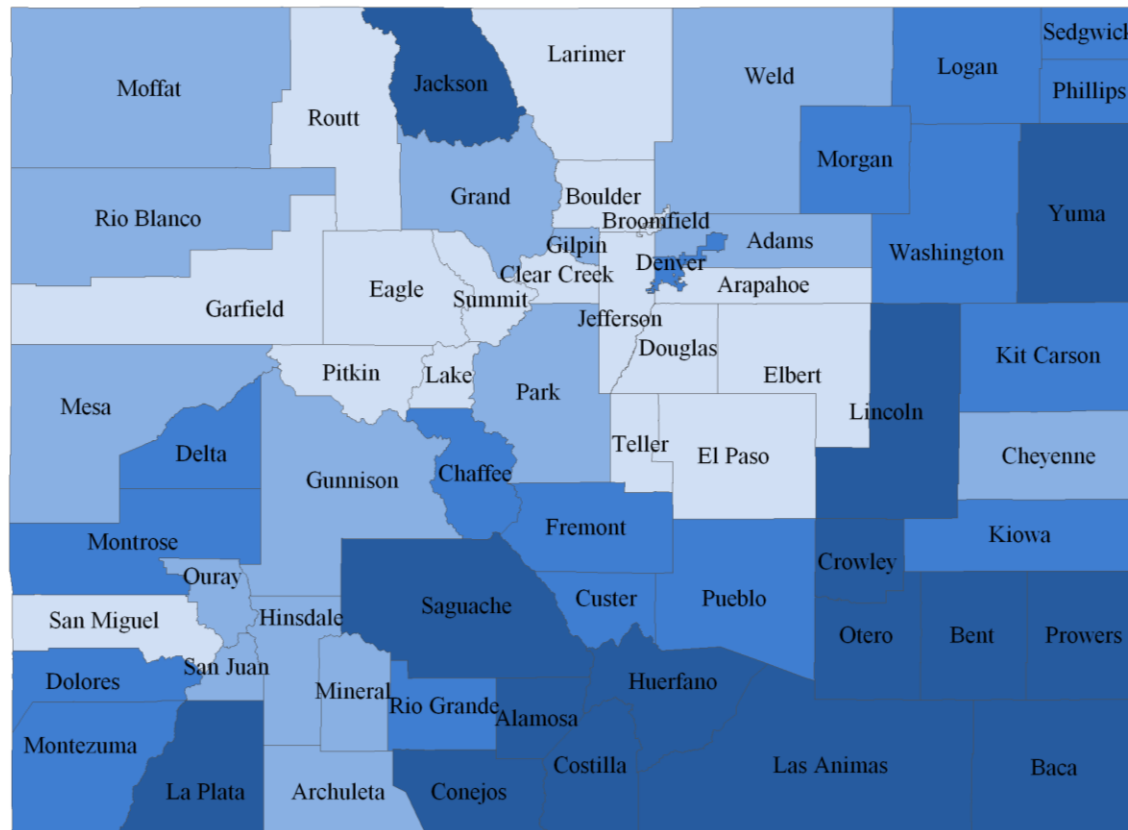


Source: Appropriated Tuition divided by U.S. Bureau of Census data on Colorado's Median Household Income.
 **Most recent published B of C data for 2009-10 used for fy 2010-11 and 2011-12

Public Bachelors and Masters Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student (2007-08)



Public Research Institutions Net Price as a Percent of Median Family Income, 2009



Public Research - Net Price as % of MFI

- 27.5% to 36.3%
- 22.7% to 27.5%
- 19.1% to 22.7%
- 11.8% to 19.1%

Source: U.S. Census Bureau, 2005-09 American Community Survey.
NCES, IPEDS 2009-10 Institutional Characteristics.

