

# Draft Metrics for Accountability & Monitoring Progress Toward Goals



Planning Commission for Higher Education  
April 14, 2015



**NCHEMS**

**National Center for Higher Education Management Systems**  
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Boulder, Colorado 80301

# Education Attainment Targets

- The 70% attainment goal be interpreted as consisting of
  - 40% with baccalaureate degrees
  - 30% with associate degrees and certificates (about 17% certificates and 13% associate degrees)
- Align standards and assessments for K-12 and adult education with clear statewide expectations for college and career readiness.
- Reduce by half the proportion of first-time community college students requiring remediation by 2025
- Increase the proportion of students who initially fail to meet the basic threshold for college-readiness who gain the basic skills necessary for entry into credit-bearing certificate-level courses.
- Reduce the education attainment gaps between whites and minorities by half – from 29% to 15% by 2025
- Increase the number of adults being awarded undergraduate degrees or certificates of value (those that prepare individuals for jobs that pay a living wage and provide a pathway for further education): double the number by 2025
- Improve the education attainment levels of residents of cities' urban cores: bring attainment to current statewide average by 2025

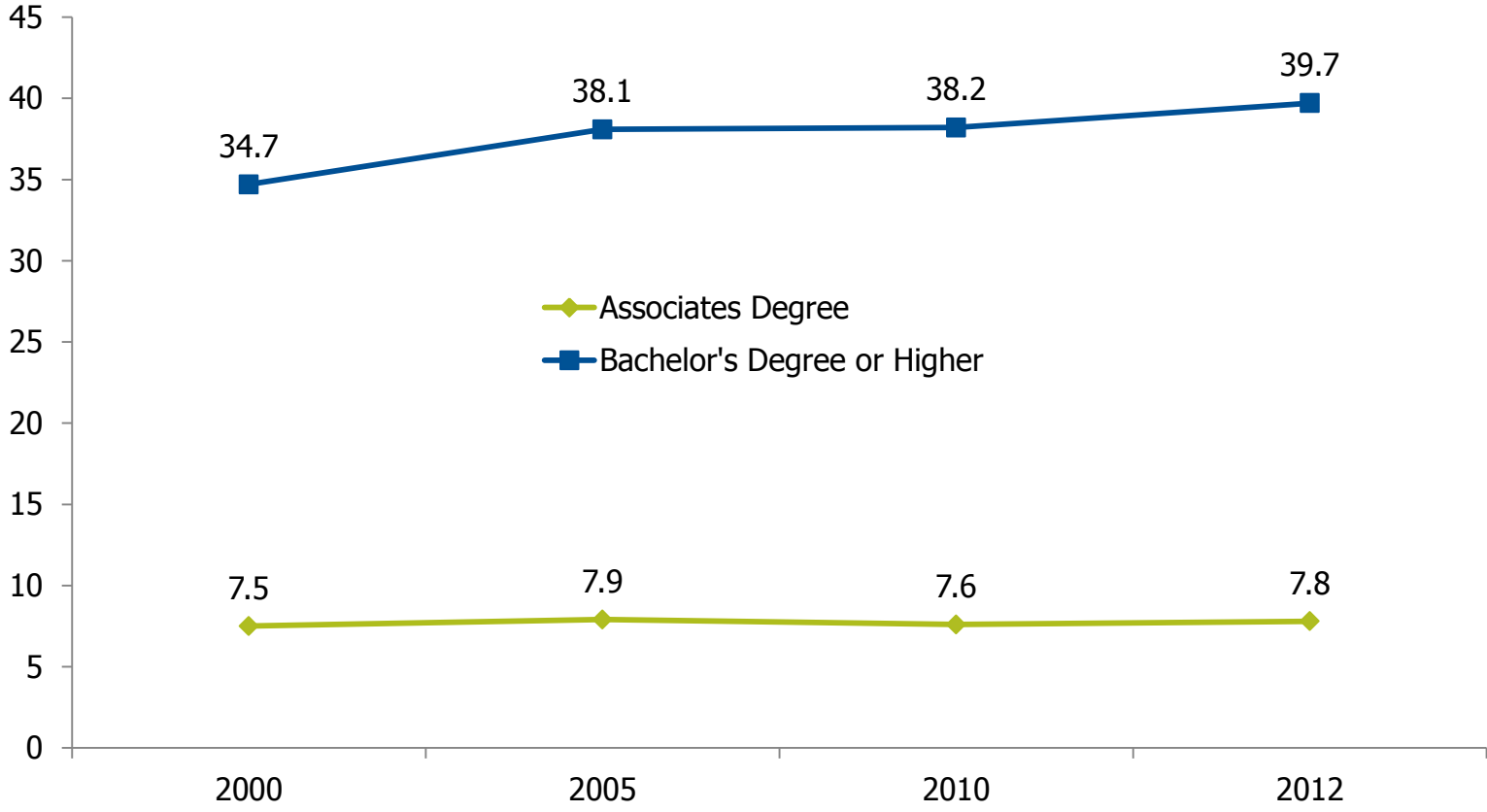
# Competitive Workforce, Regions & Communities Targets

- Align degree production with the workforce needs of the state's employers: By 2025 increase by 20% the production of degrees in fields identified as state priorities (e.g., STEM, health, digital media, high value certificates – e.g., advanced manufacturing)
- Contribute to expansion and diversification of the state's economy through research and innovation: Double the new business activity resulting from research by 2025
- Establish partnerships in every region focused on how higher education can contribute to sustainable communities engaging higher educational institutions (public and independent) with business, civic and cultural leaders
- Increase the number of students engaged in community service, internships and other workplace-based learning activities, not only as a way to provide academic and economic benefits to students, but also as a means for strengthening students' ties to communities and increasing the likelihood of their remaining in the state after graduation.

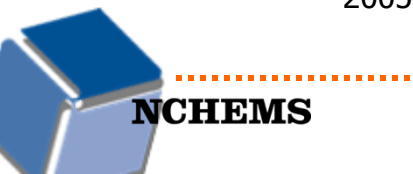
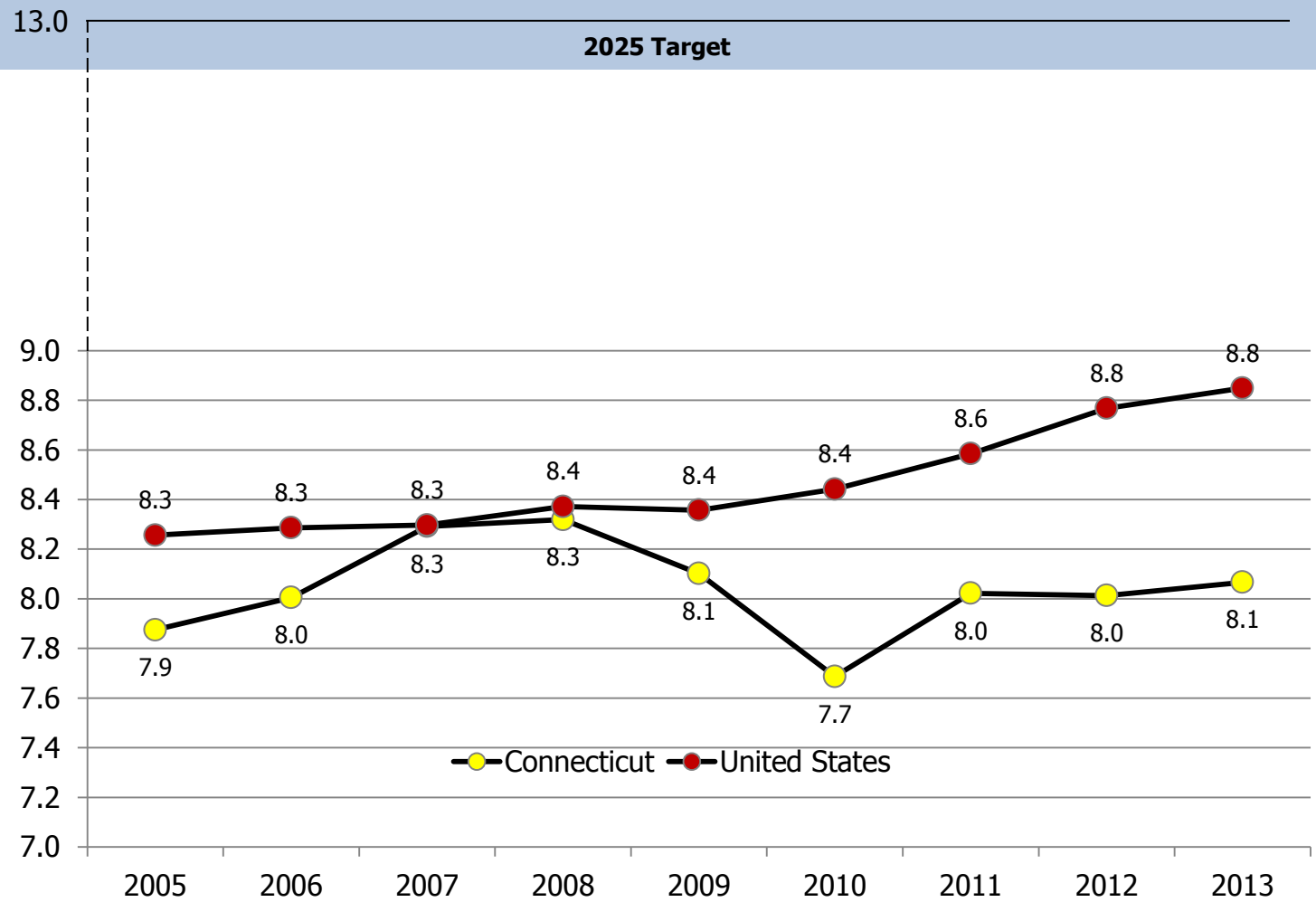
## Affordability Targets

- Narrow the gap between cost-of attendance and family income. The net cost (tuition and fees minus grant aid) of attending public two-year and four-year institutions relative to low-income families (low quintile incomes) will be no more than the national average by 2025
- Reduce the amount of the average student loan to the national average by 2025
- Increase the proportion of Connecticut recent high school graduates who enroll in Connecticut institutions of higher education by 5% by 2025

# Connecticut Attainment, Adults Aged 25-64, 2000-2012

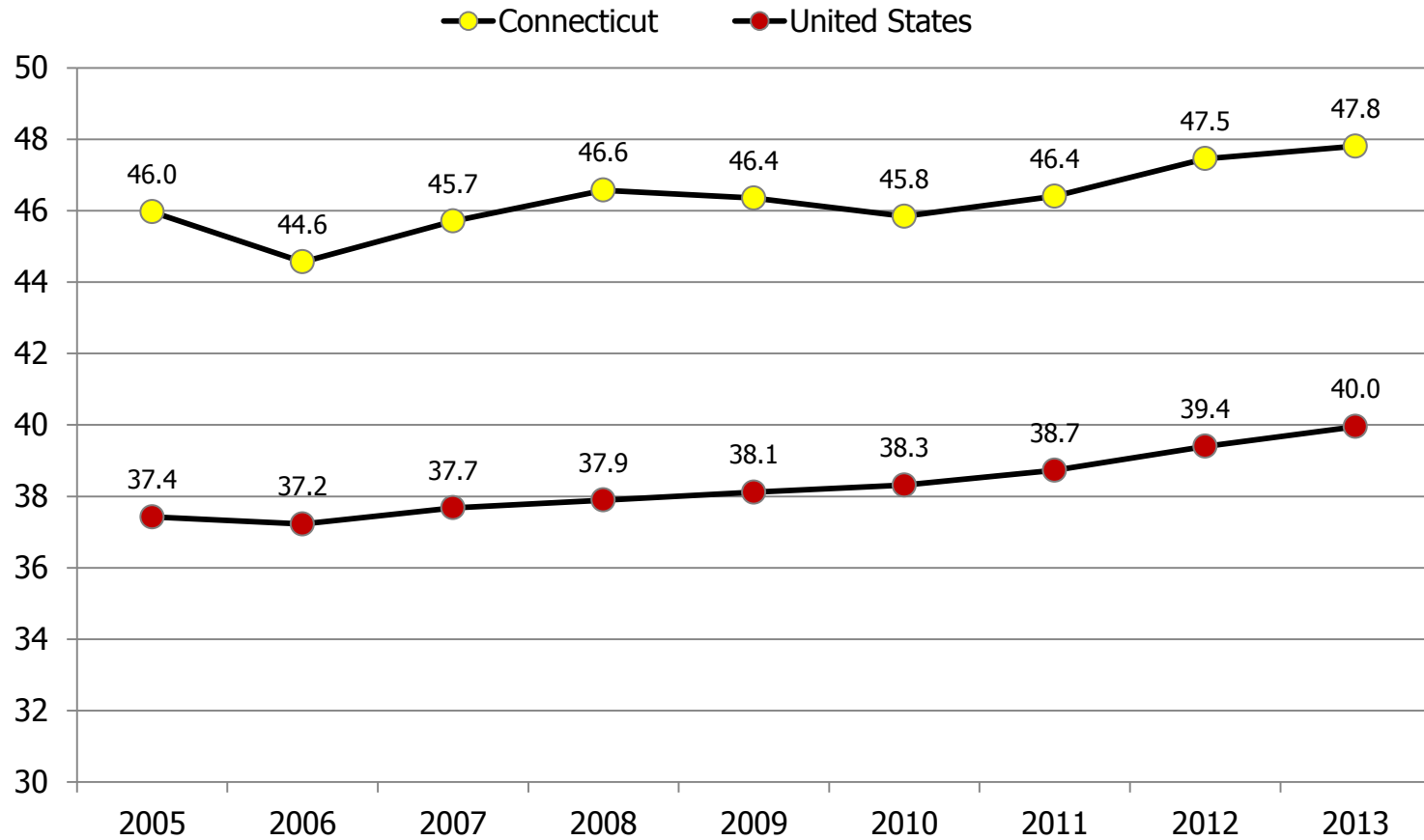


# Percent of Population Age 25-64 with Just an Associates Degree, 2005-13

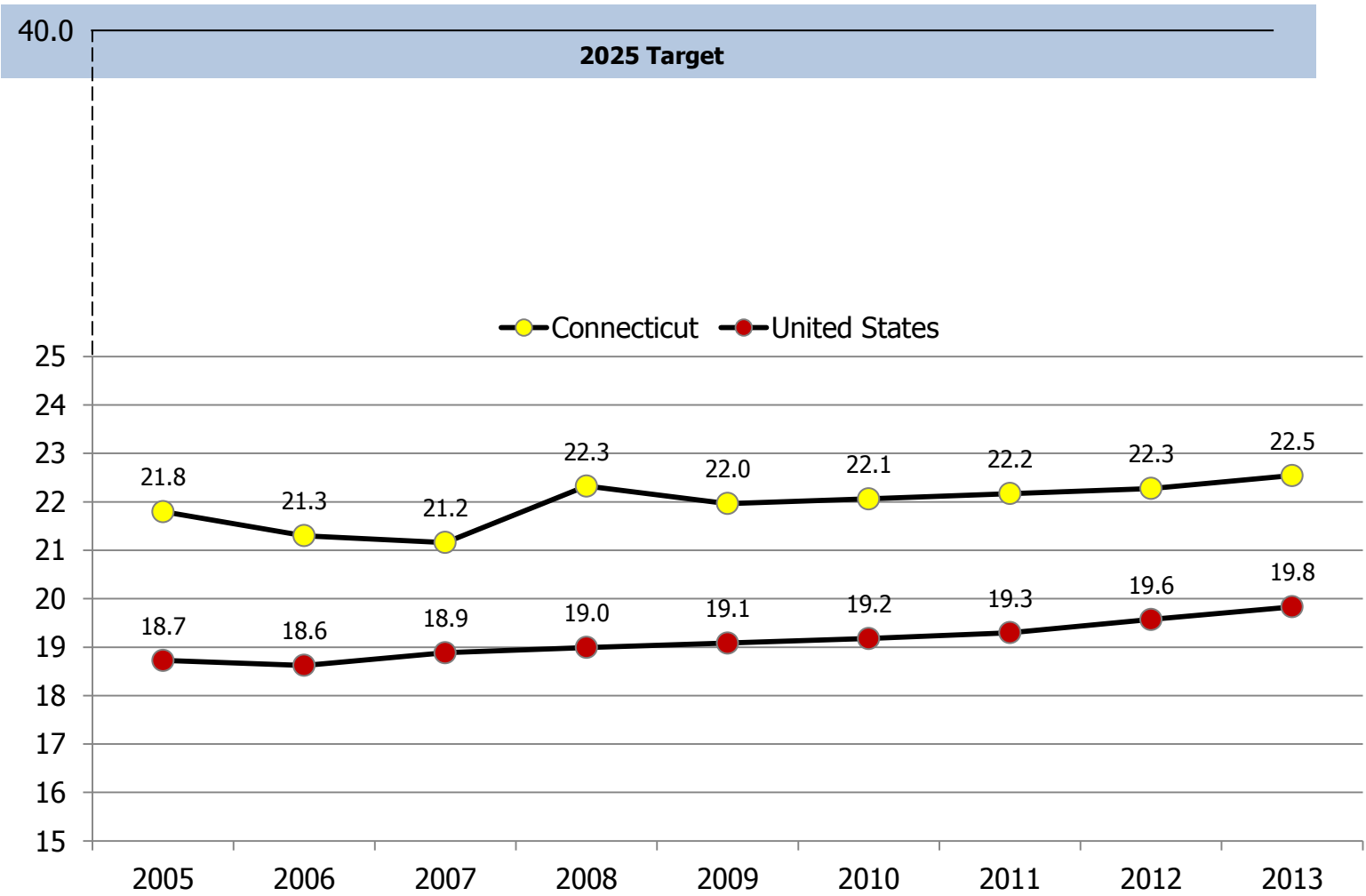


Source: U.S. Census Bureau, 2005-13 American Community Survey One-Year Estimates.

# Percent of Population Age 25-64 with an Associates Degree or Higher, 2005-13



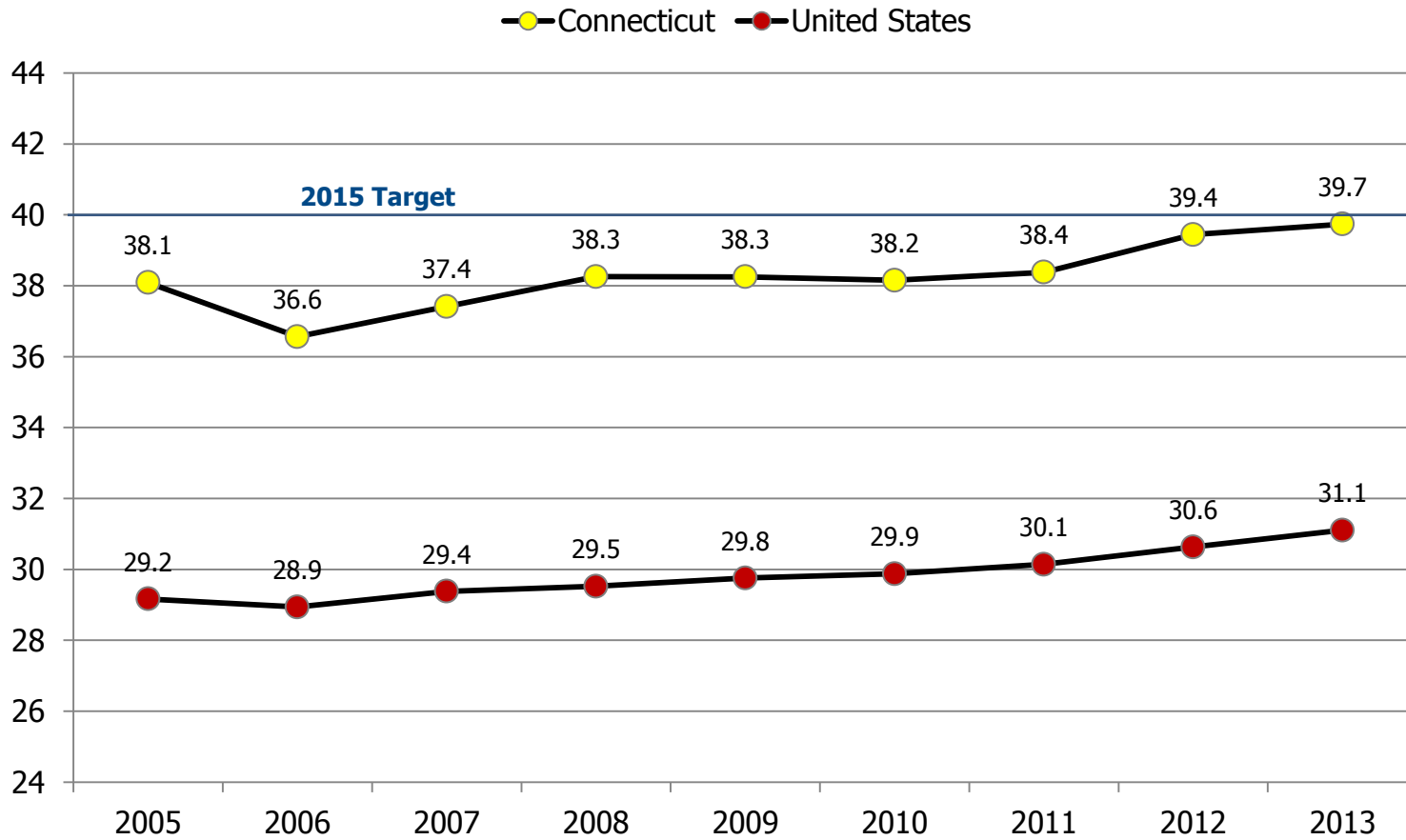
# Percent of Population Age 25-64 with Just a Bachelors Degree, 2005-13



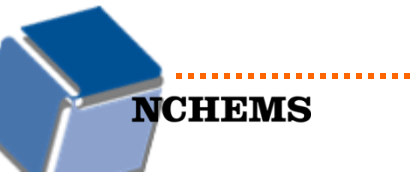
Source: U.S. Census Bureau, 2005-13 American Community Survey One-Year Estimates.



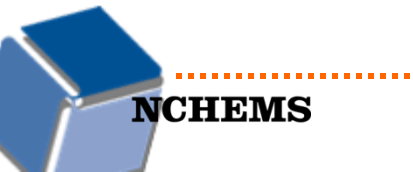
# Percent of Population Age 25-64 with a Bachelor's Degree or Higher, 2005-13



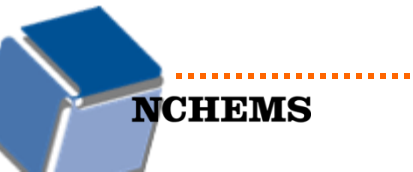
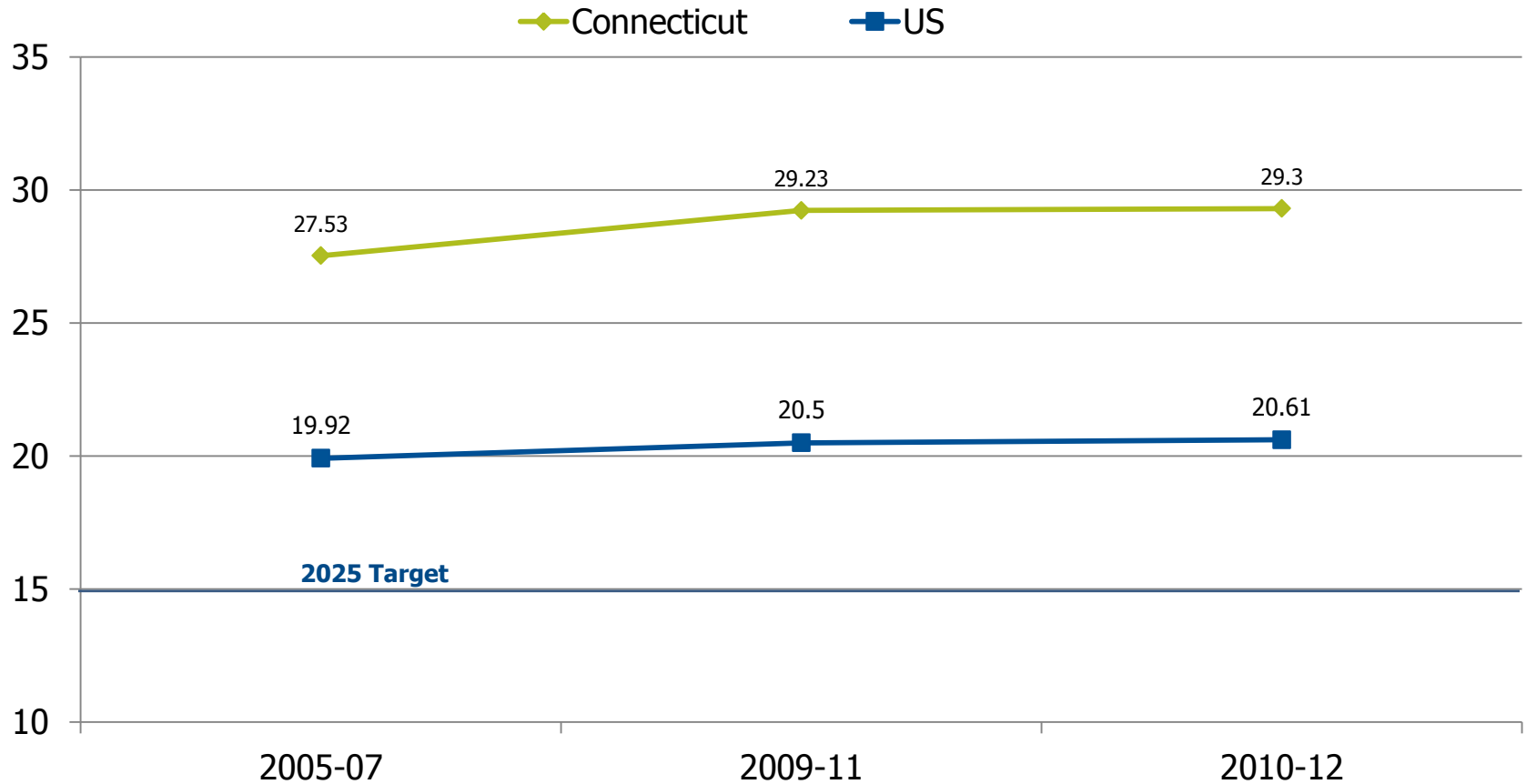
# % entering CSCU Students Requiring Remediation



# % CSCU Remedial Students Successfully Completing College Level Course

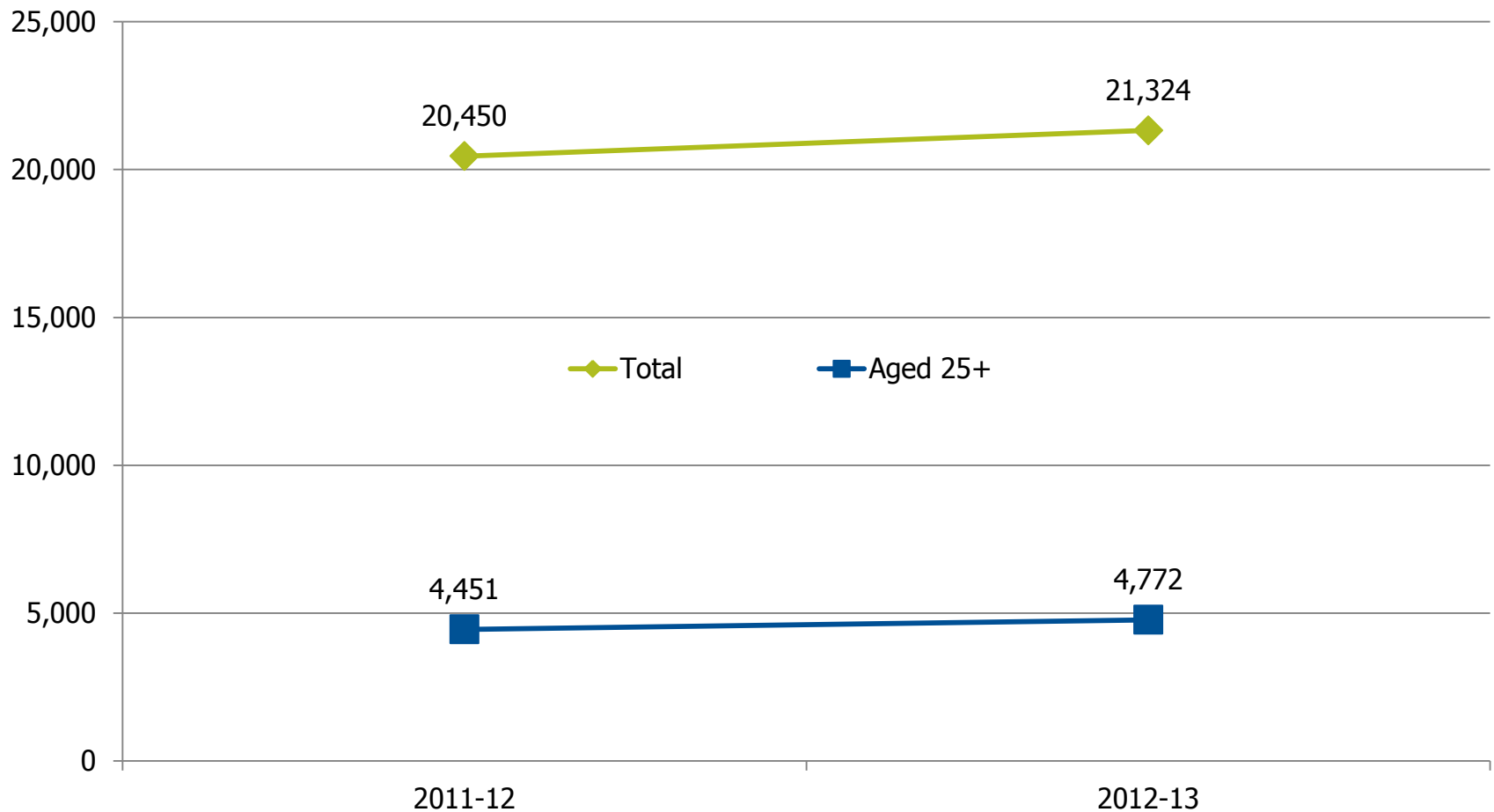


# Attainment Gap – Whites and Underrepresented Minorities (Black, Hispanic, Native American/Alaska Native), 2005-2012

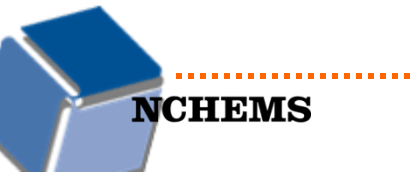
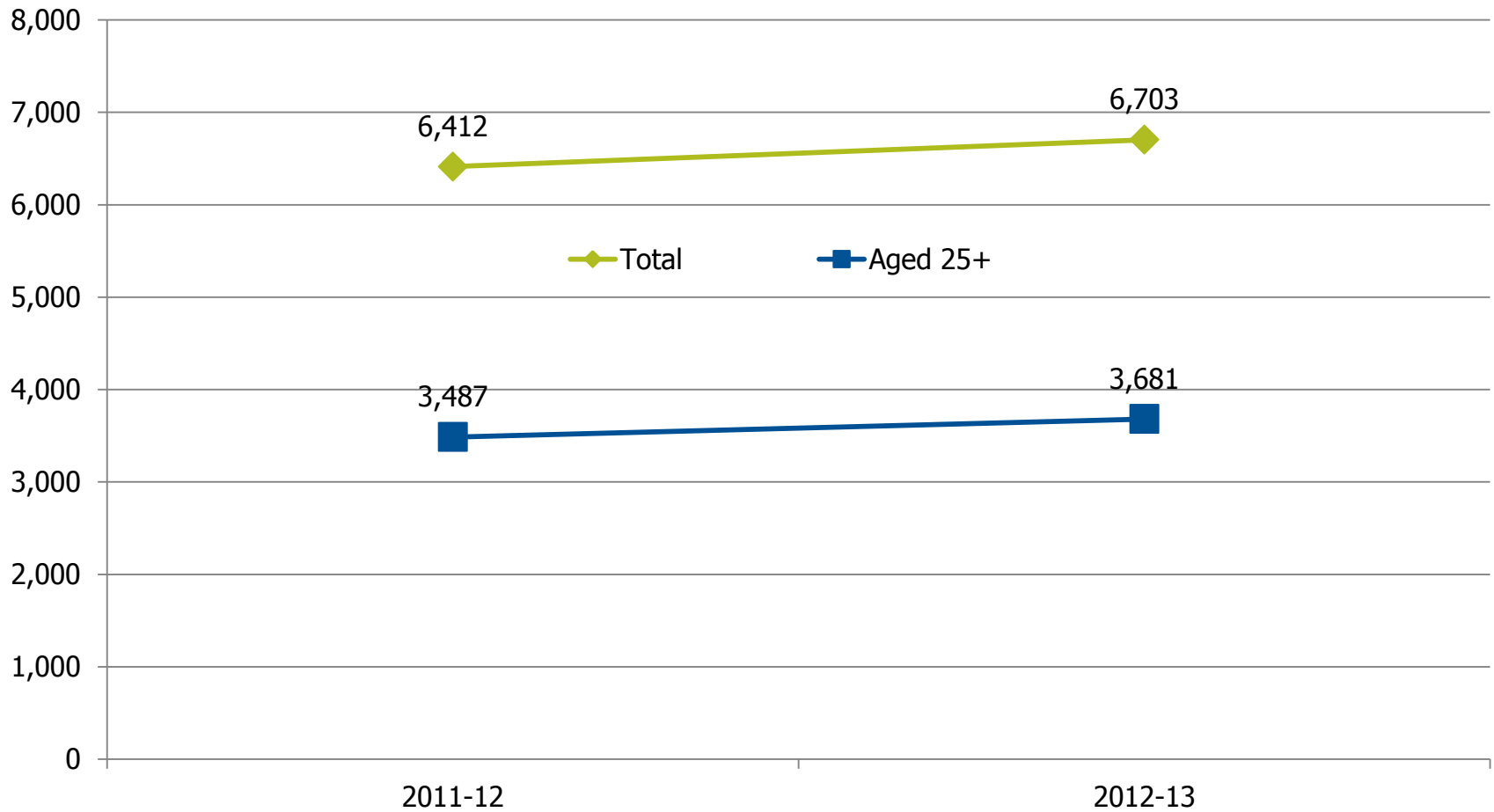


Source: U.S. Census Bureau, American Community Survey (ACS) Public Use Microdata Sample (PUMS) File.

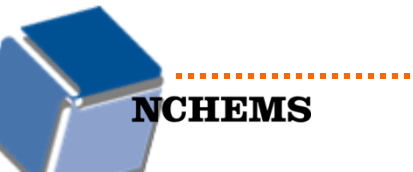
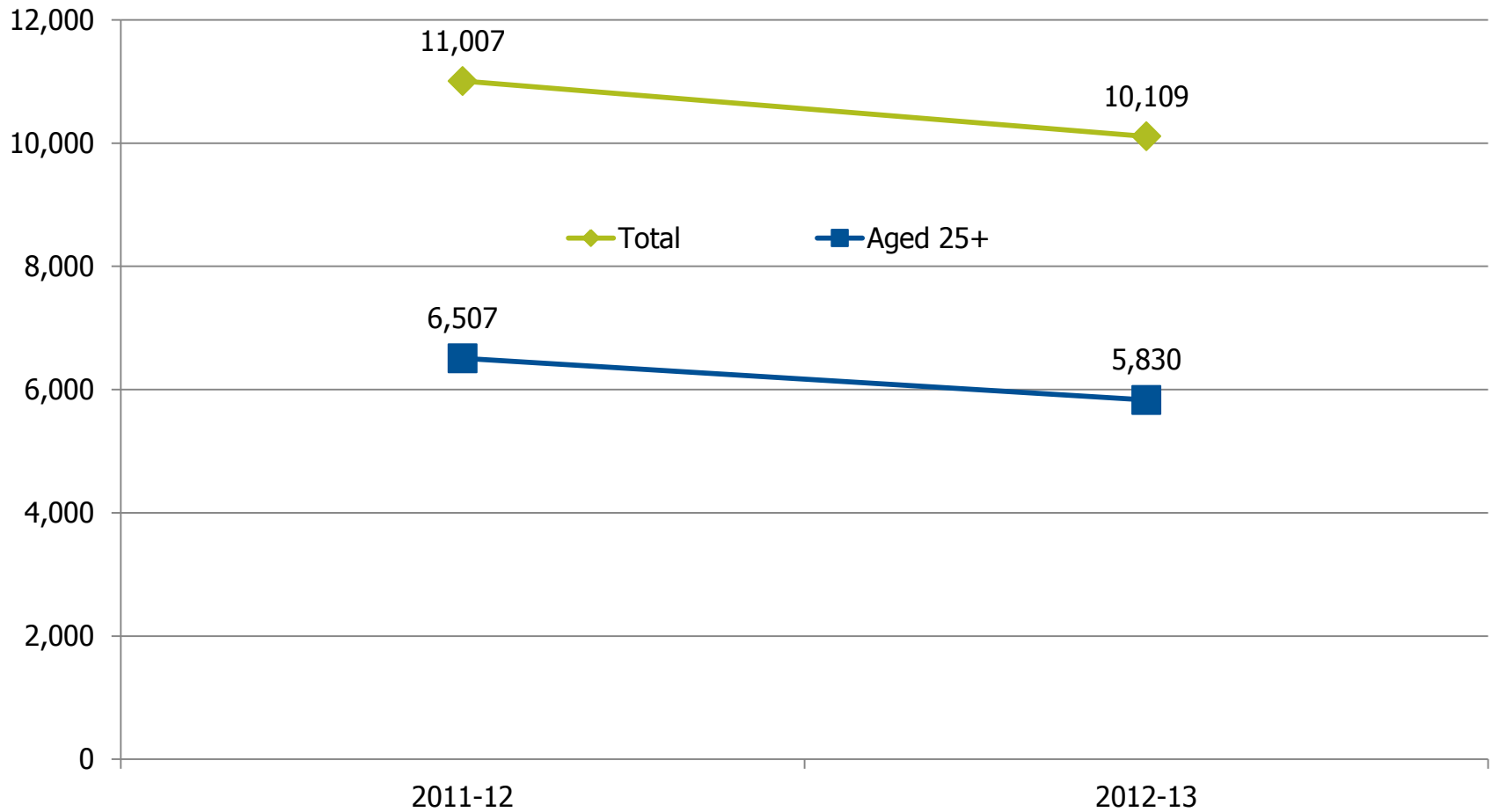
# Baccalaureate Degrees Awarded, Connecticut



# Associate Degrees Awarded, Connecticut

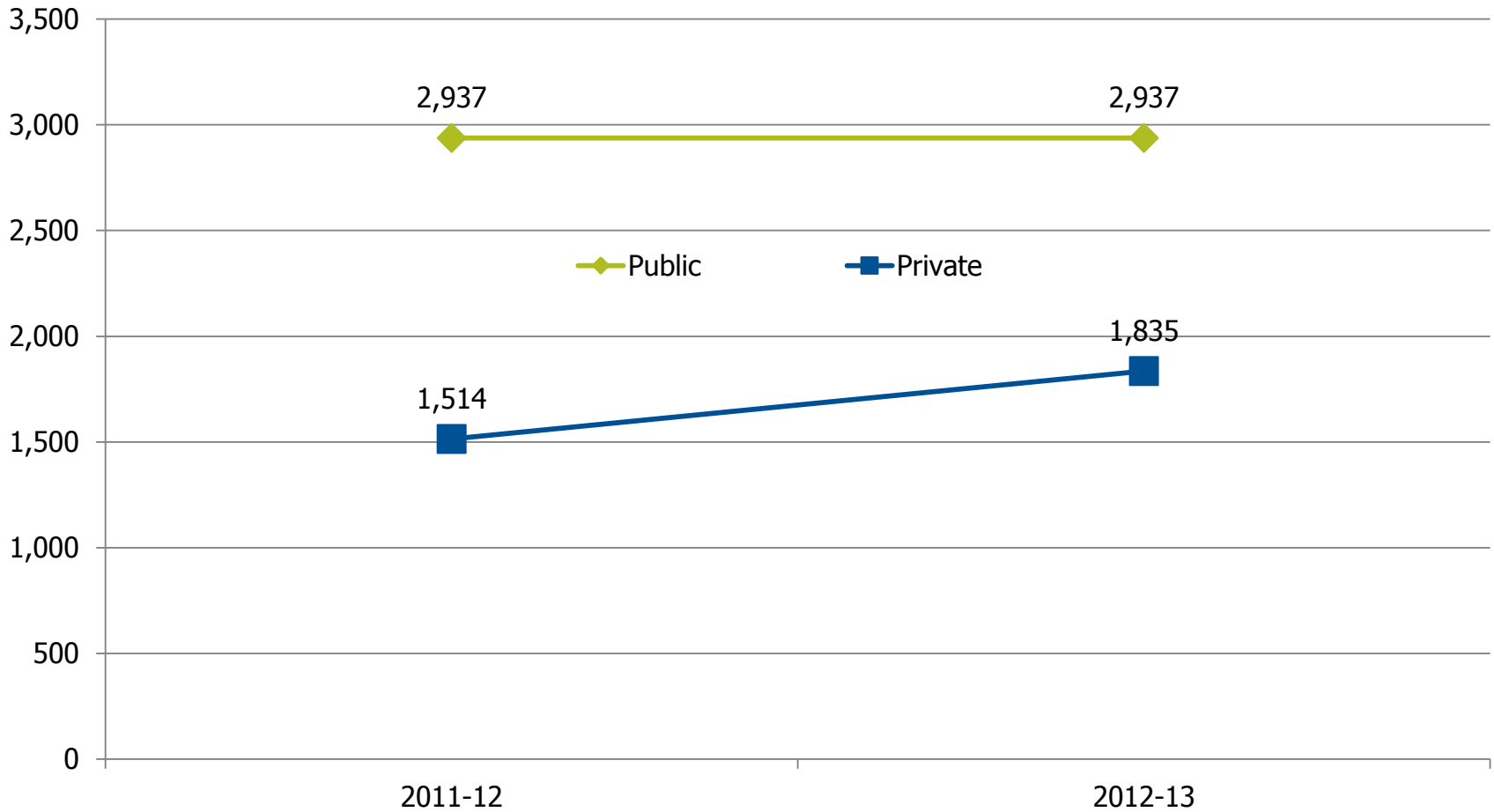


# Certificates Awarded, Connecticut



# Baccalaureate Degrees Awarded to Individuals Aged 25+

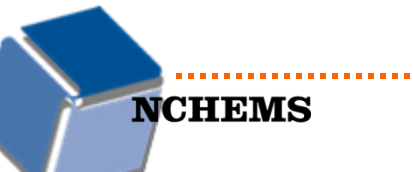
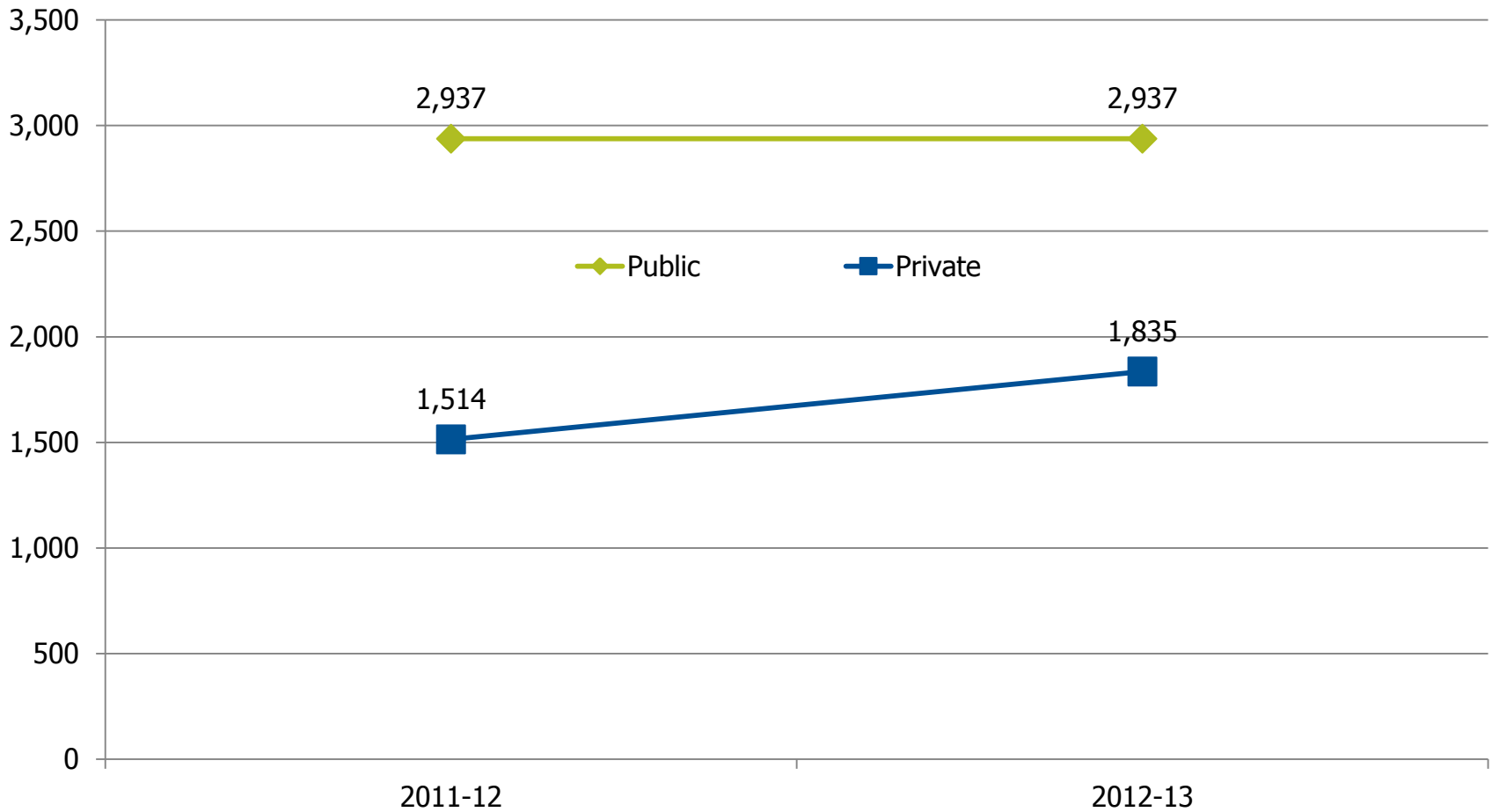
Connecticut



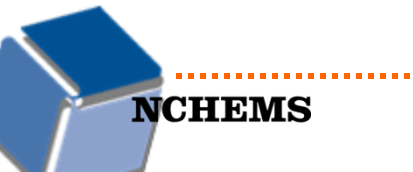
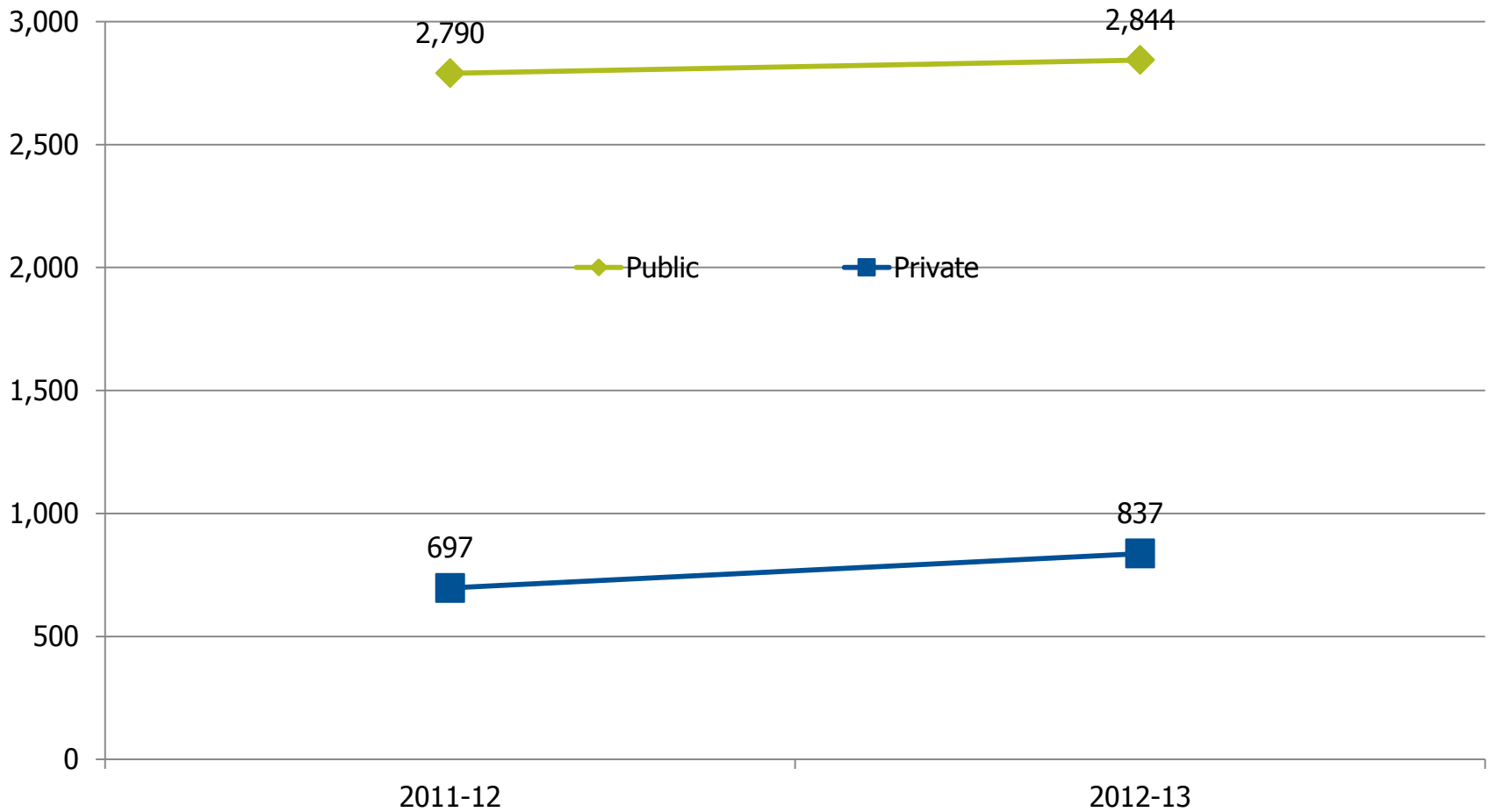


# Baccalaureate Degrees Awarded to Individuals Aged 25+

Connecticut

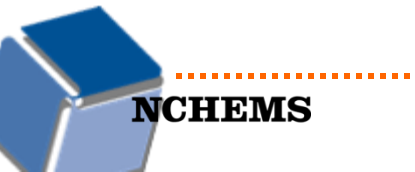
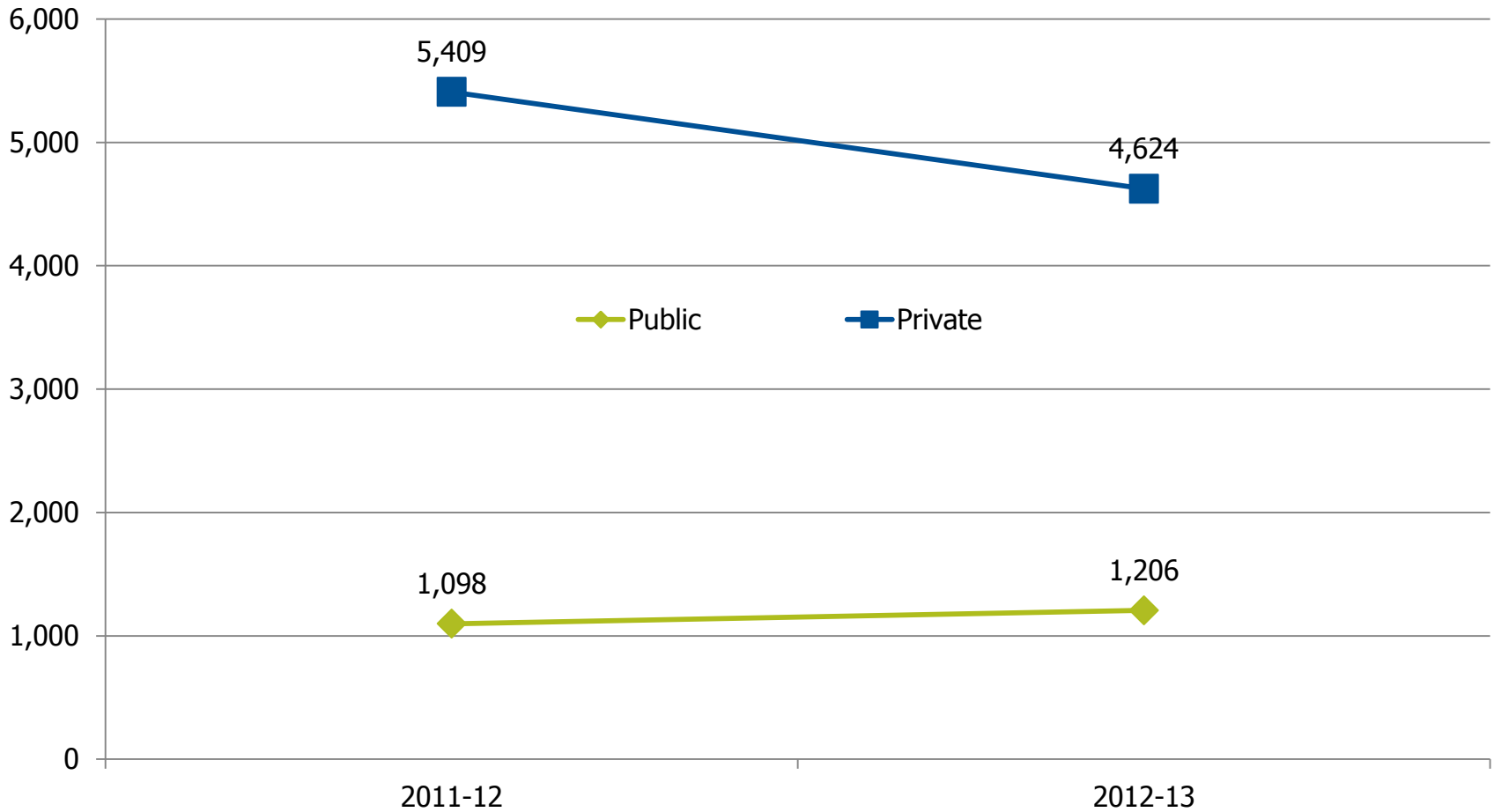


# Associate Degrees Awarded to Individuals Aged 25+ Connecticut

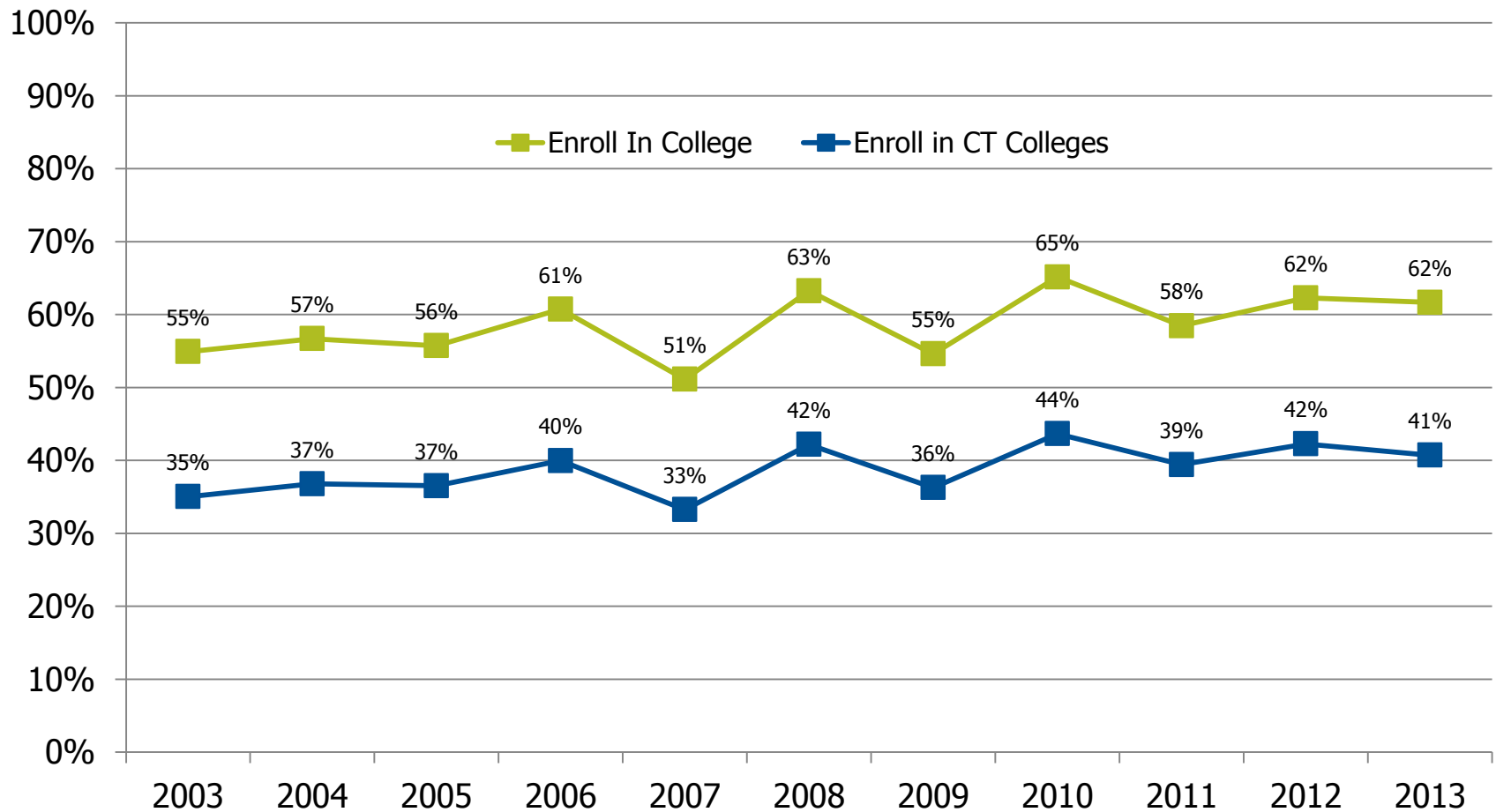


# Certificates Awarded to Individuals Aged 25+

Connecticut

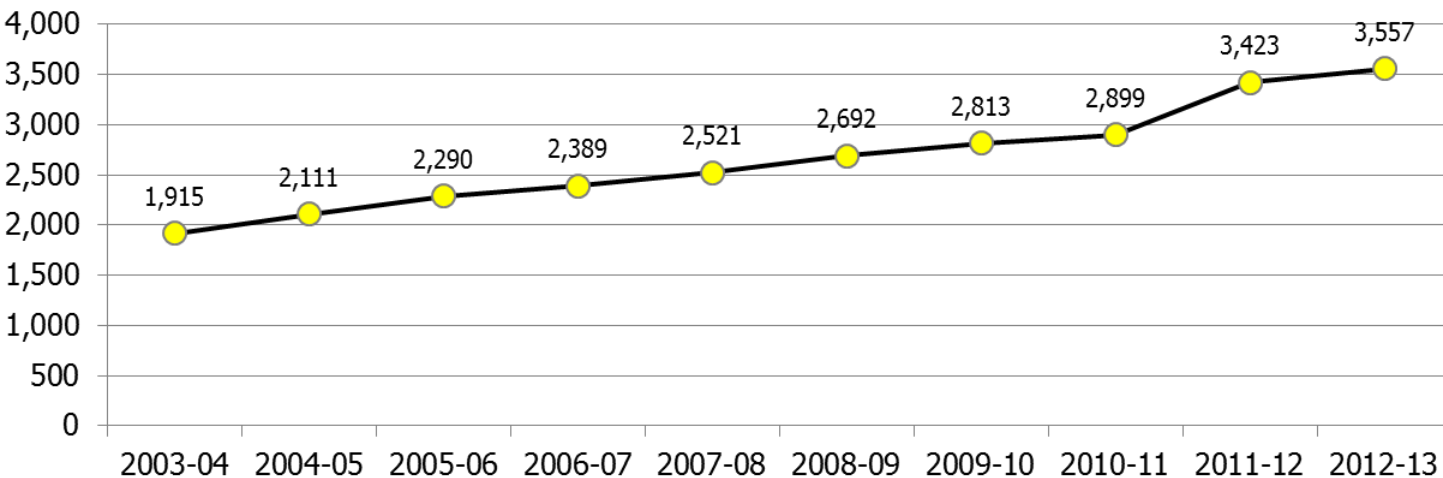
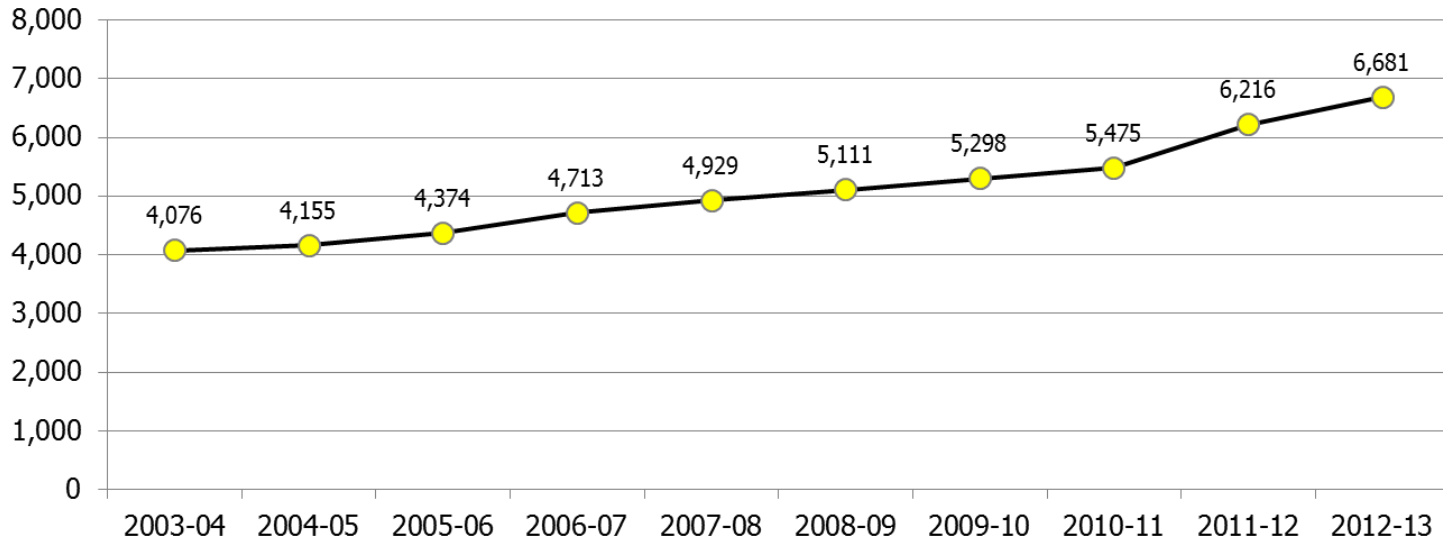


# Proportion of Recent Connecticut High School Graduates Enrolling in Connecticut Institutions



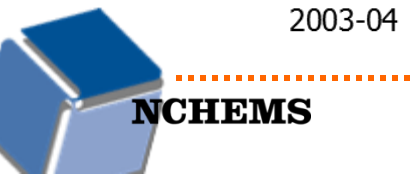
Ensure that the quality of education is not only sustained, but improved and that credentials awarded might reflect the deeper learning required to meet the intent of the goals.

# Connecticut High Priority Bachelor's Degrees Produced (Health, STEM, Digital Media), 2004 through 2013

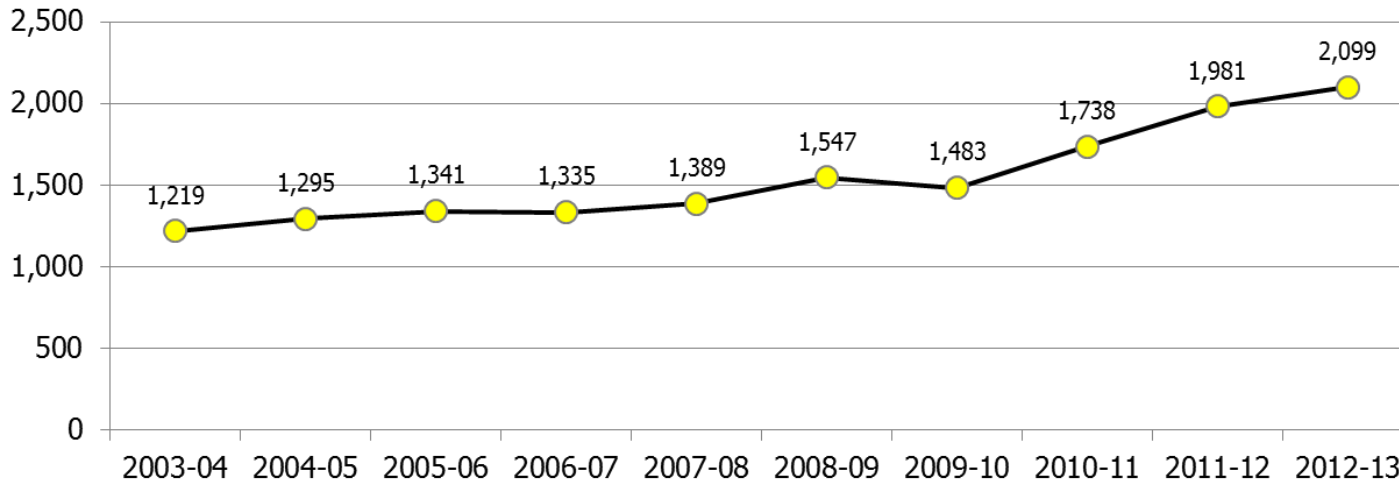


Public & Private Sectors

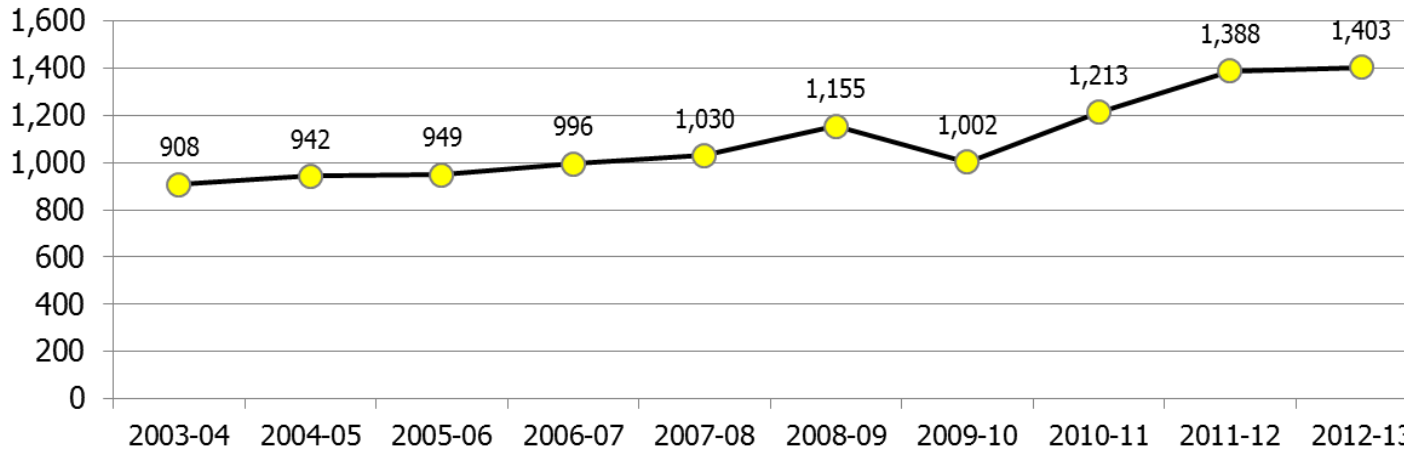
Public Sector Only



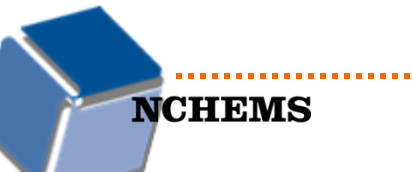
# Connecticut High Priority Associates Degrees Produced (Health, STEM), Public & Private Sectors, 2004 through 2013



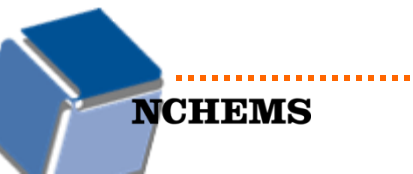
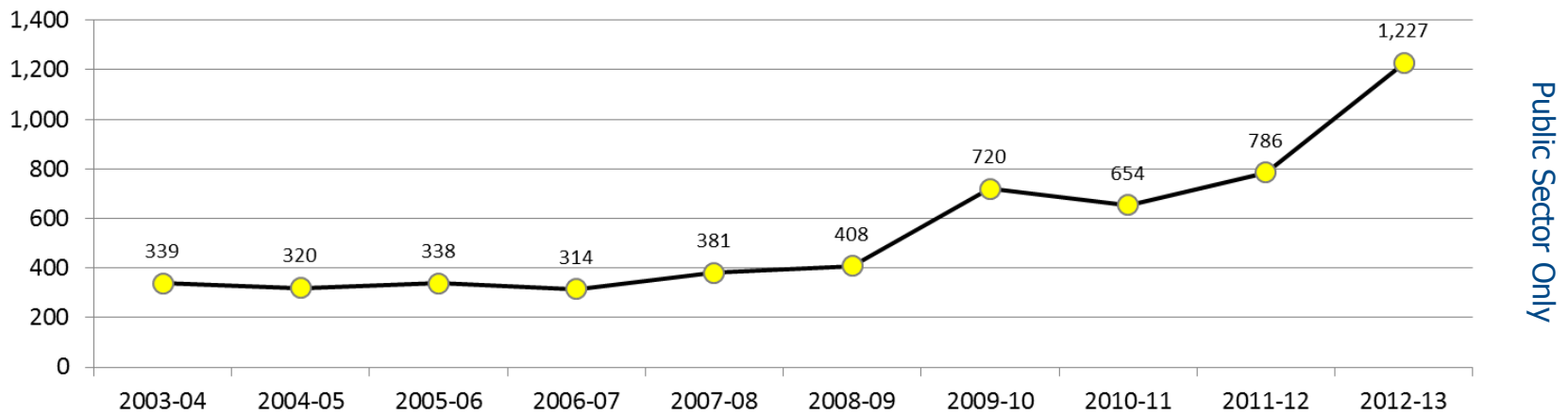
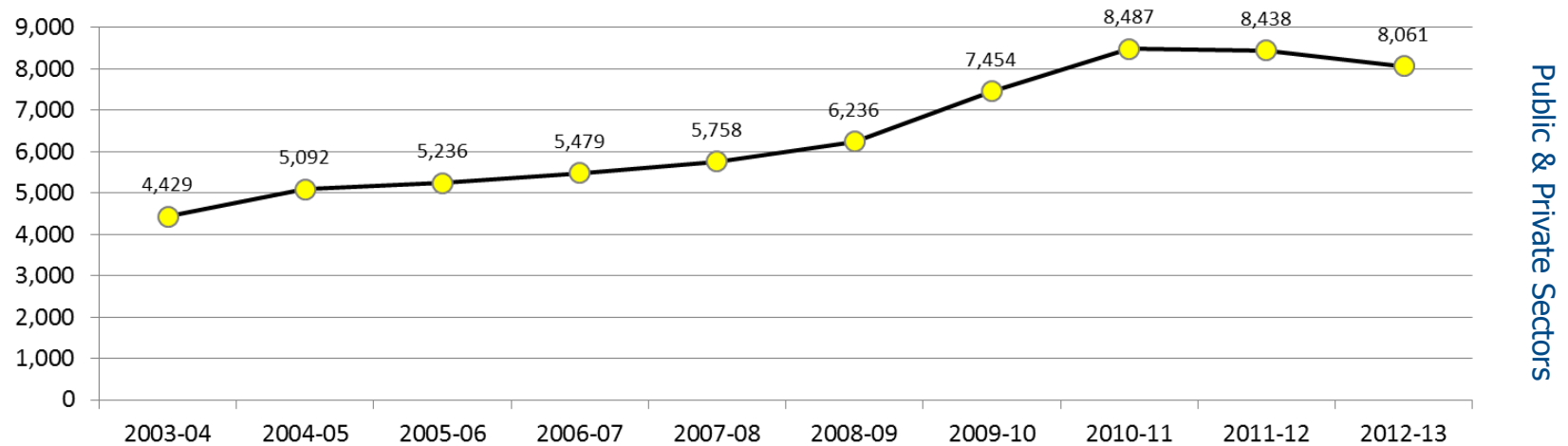
Public & Private Sectors



Public Sector Only



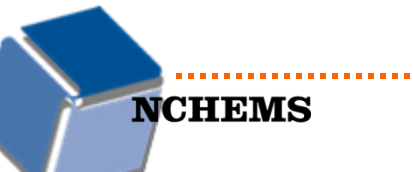
# Connecticut High Value Undergraduate Certificates Produced (Health, Trades, Technical), 2004 - 2013



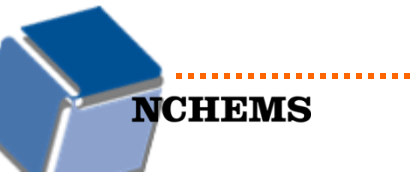


# Business Activity Resulting from Research

- (data from UCONN)



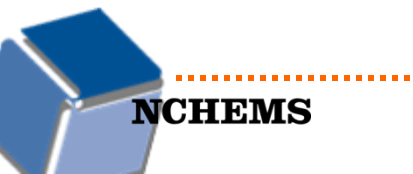
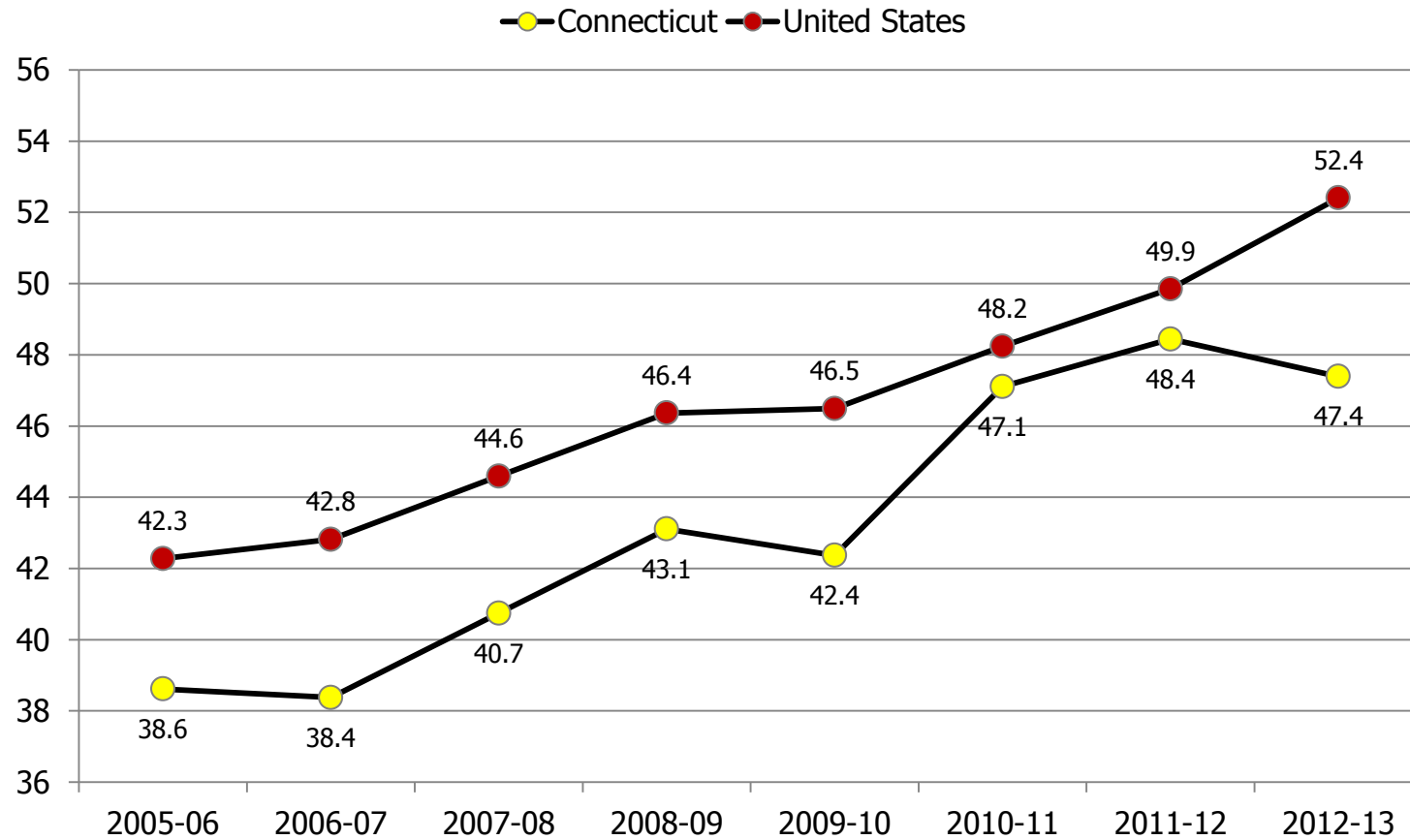
# Metrics to be Developed Partnerships





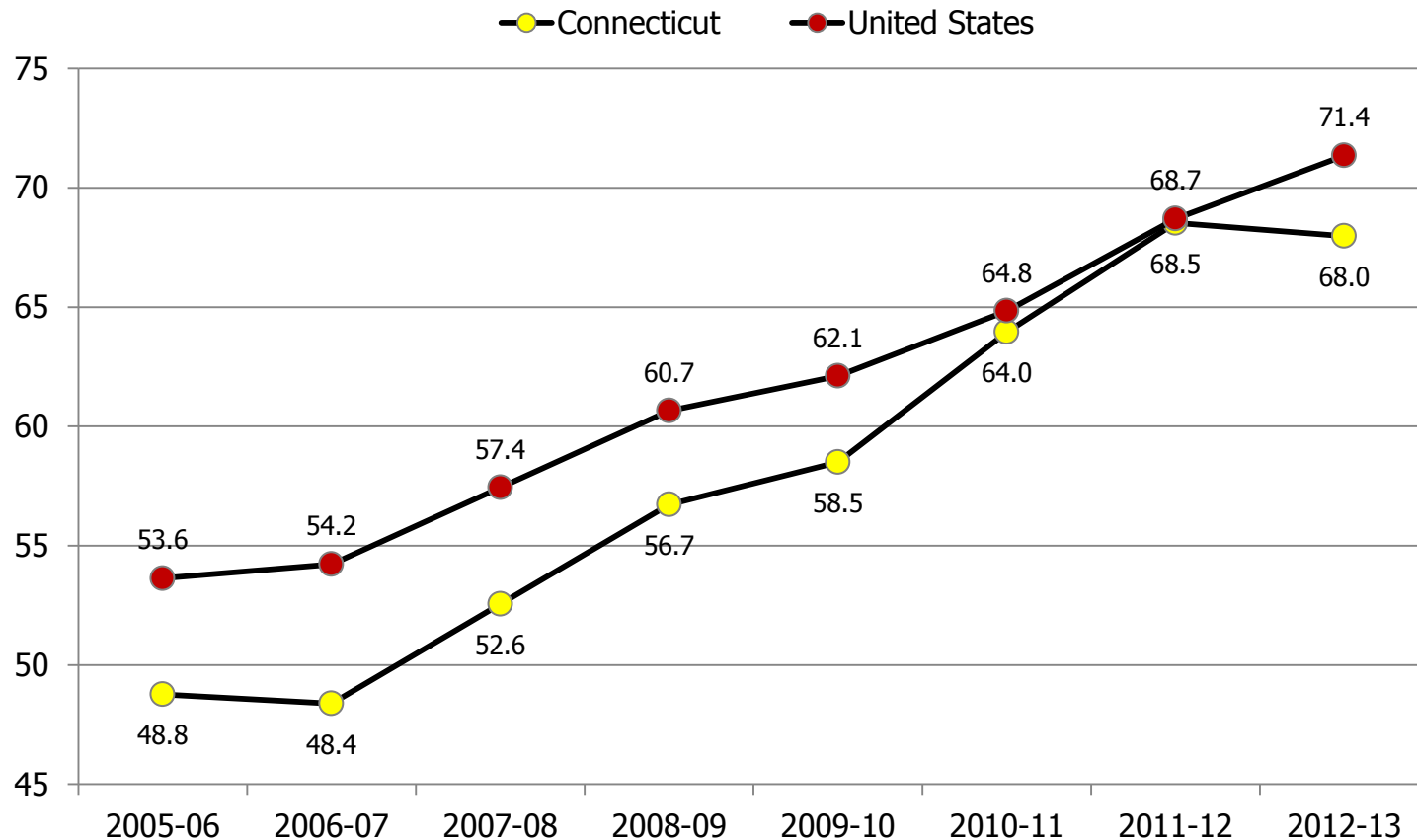
Metrics to be Developed  
Students Engaged in Community Service

# Public 2-Year Institutions - Net Cost for First-Time Full-Time Undergraduates as a Percent of Low Quintile Median Family Income, 2006 through 2013



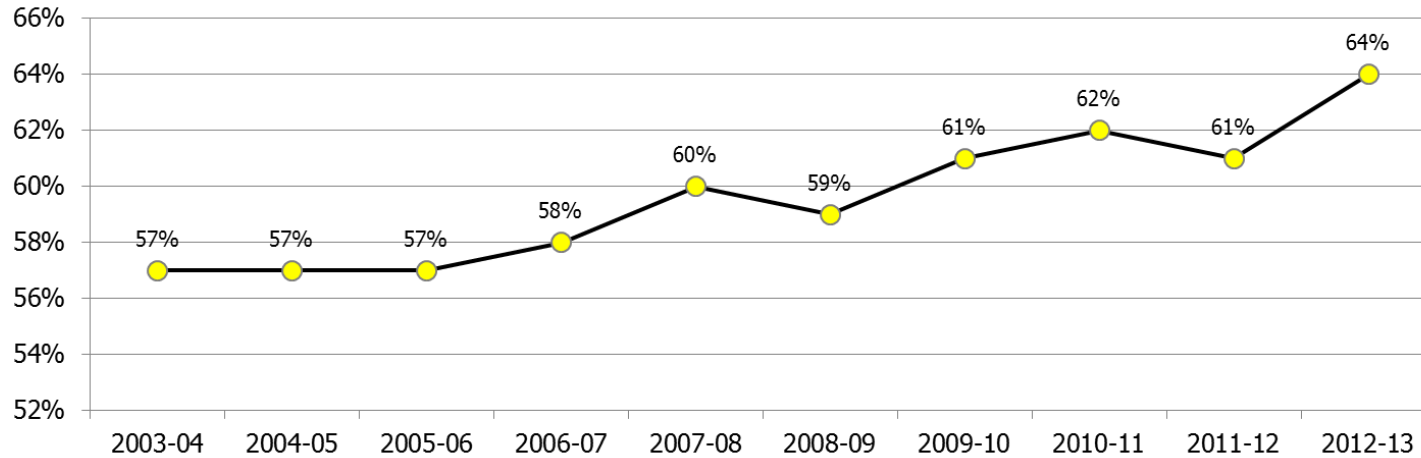
Source: NCES, IPEDS Institutional Characteristics, Fall Enrollments, Student Financial Aid Files 2005-2013.  
U.S. Census Bureau American Community Survey One-Year Estimates.

# Public 4-Year Institutions - Net Cost for First-Time Full-Time Undergraduates as a Percent of Low Quintile Median Family Income, 2006 through 2013

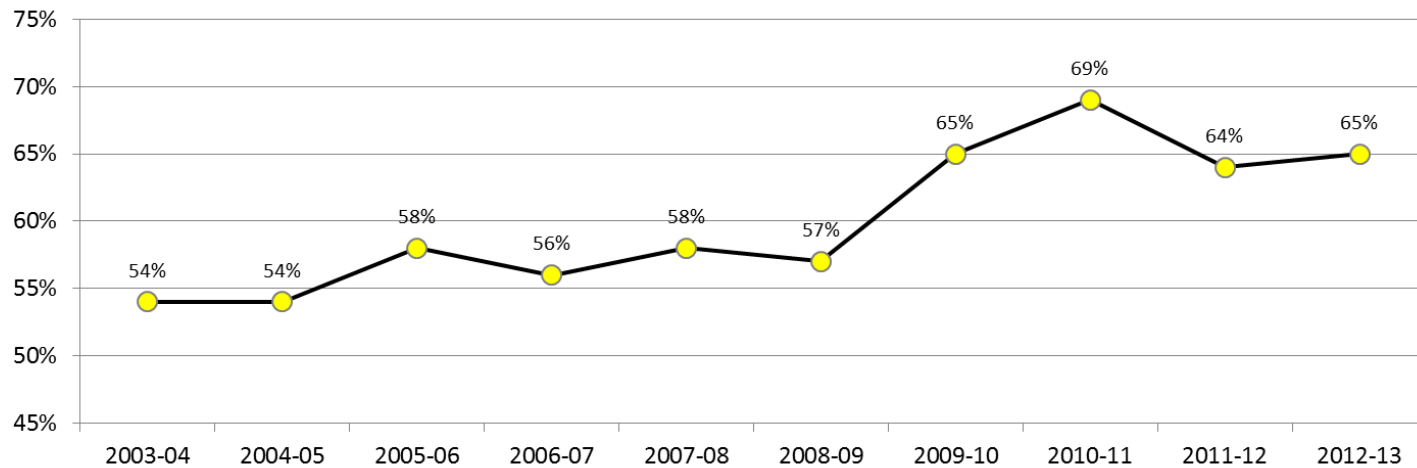


Source: NCES, IPEDS Institutional Characteristics, Fall Enrollments, Student Financial Aid Files 2005-2013.  
U.S. Census Bureau American Community Survey One-Year Estimates.

# Connecticut Percent of Graduates with Student Loan Debt, 2004 - 2013

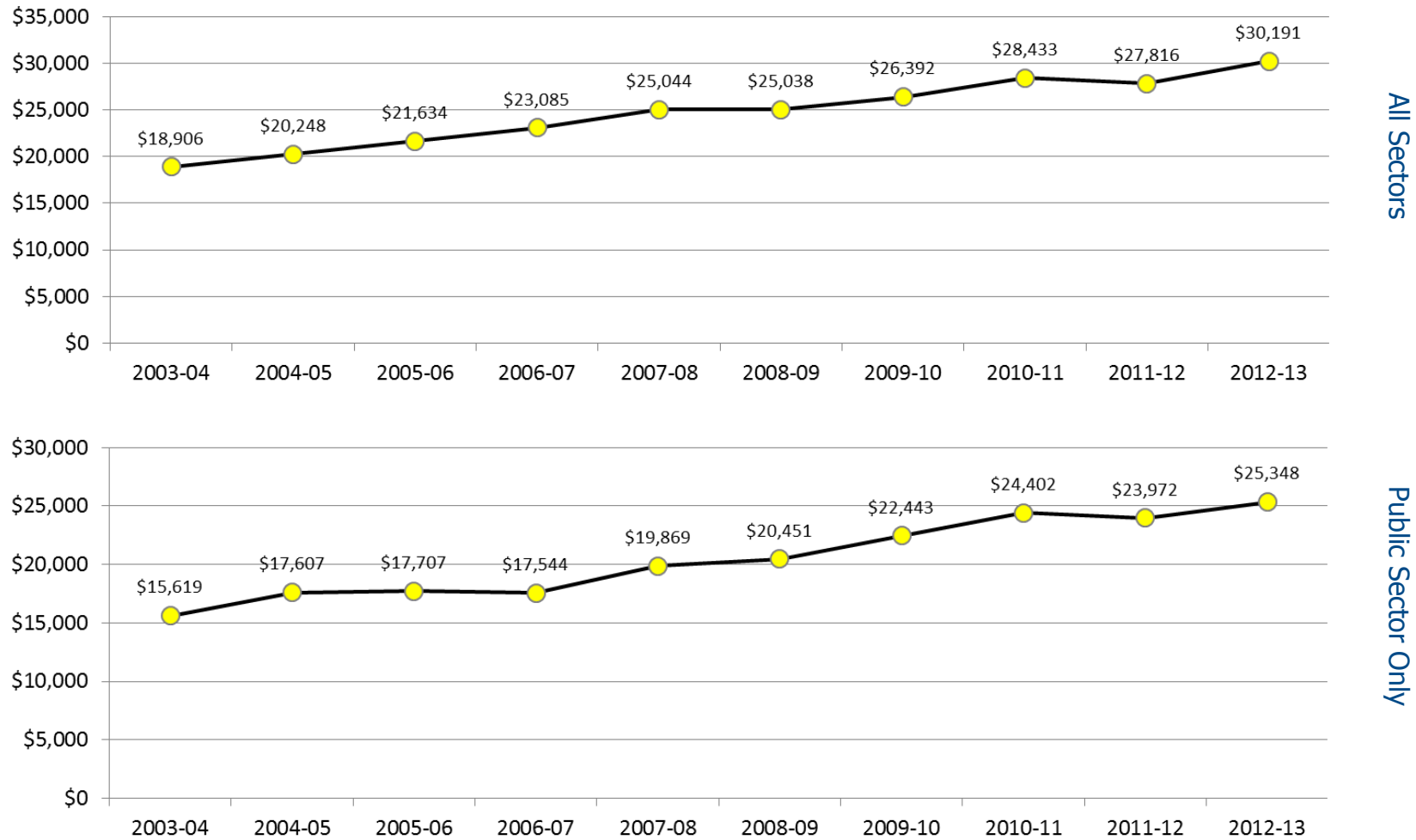


All Sectors

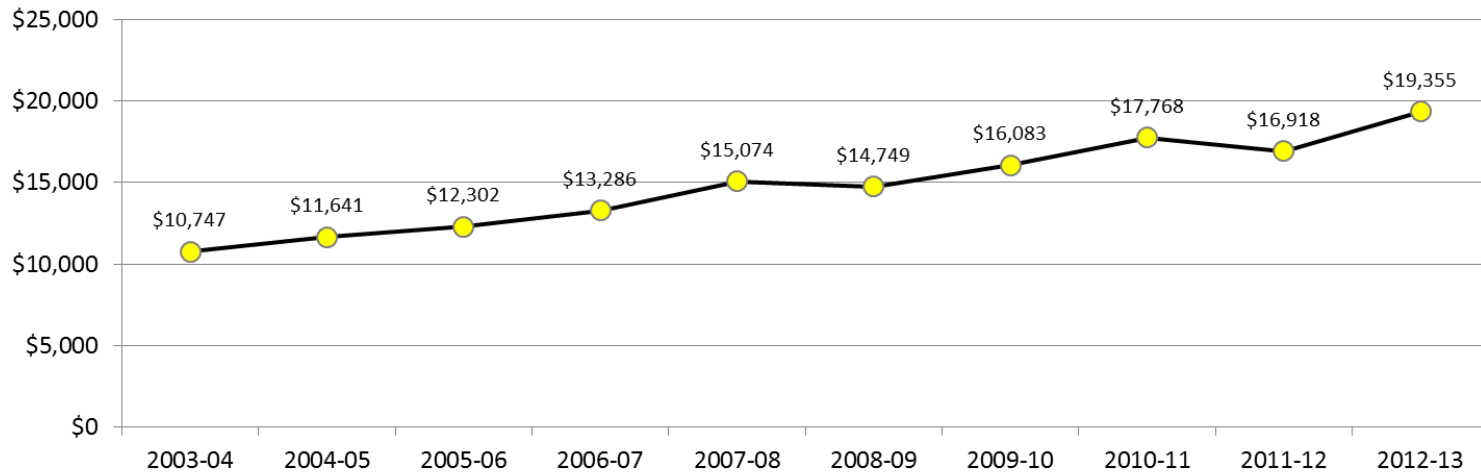


Public Sector Only

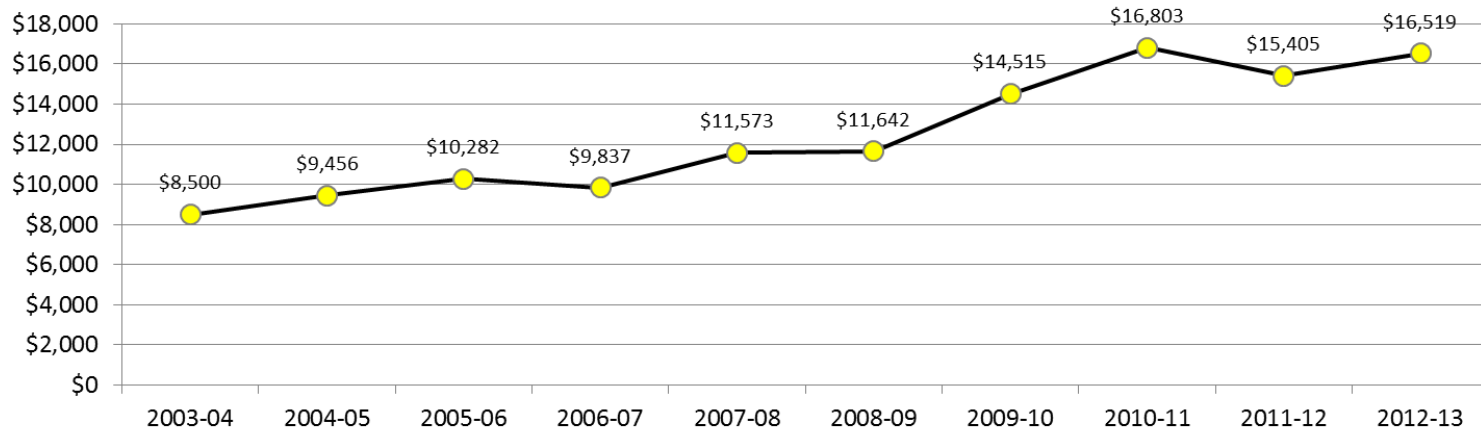
# Connecticut Average Student Loan Debt of Graduates, 2004 - 2013



# Connecticut Per Capita Student Loan Debt of Graduates, 2004 - 2013



All Sectors



Public Sector Only

