Career Technical Education Works for Students

- Ninety-one percent of CTE concentrators in Connecticut graduated high school in 2013, compared to the national average of 81 percent.
- According to a national survey of CTE students, about one-third report having the chance to earn college credit, a certification or a degree because of their CTE coursework and two-thirds report having gained skills that will help them in the future.

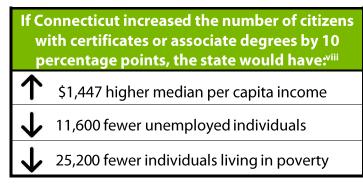
CTE IN CONNECTICUT

- ✓ About 131,900 high school students are enrolled in CTE
- ✓ About 80,000 postsecondary students are enrolled in CTE
- About 34 percent of all postsecondary degree and certificates awarded in Connecticut in 2010 were associate's degrees or certificates, more than 17,800 in total. •
- About 19,000 students in Connecticut participated in at least one Career Technical Student Organization (CTSO).

Key Indicators of Success in Connecticut: 2013-14vi	
CTE Students Proficient in Reading, Language Arts	90%*
CTE Students Proficient in Mathematics	88%*
CTE High School Graduates Placed in College/Careers	88%*
Postsecondary CTE Students Earning a Credential, Certificate of Degree	18%*
Postsecondary CTE Students Staying Enrolled and/or Transferring	57%
Postsecondary CTE Students Placed in Careers/Further Training	77%*
*Indicates that the state met or exceeded 90 percent of the final agreed upon performance levels for each indicator as negotiated with the U.S. Department of Education.	

Career Technical Education Works for the Economy

- Middle-skill jobs account for 49 percent of Connecticut's labor market, but only 39 percent of workers in Connecticut possess the required skills, vii leading to a skills gap, which CTE can help address.
- By 2018, the Business Management & Administration Career Cluster® is projected to be Connecticut's largest cluster overall, accounting for 313,000 jobs, but Information Technology will be the fastest growing, with jobs in this sector increasing by 18 percent.
- In all, Connecticut will gain about 117,800 jobs, for a total of 1,945,200. About 62 percent of these jobs will require some education and training beyond high school, including 186,000 certificates. ix



Career Technical Education Works for America

- \$168 BILLION = Estimated lifetime gain from CTE's impact on reducing the high school dropout rate.*
- \$806 BILLION = Estimated income added to the U.S. economy by community colleges.xi



¹NASDCTEc analysis of 2012-13 data from the U.S. Department of Education, Office of Career, Technical and Adult Education.

^v National Coordinating Council of Career Technical Student Organizations' State Fact Sheets. (2014). http://www.ctsos.org/advocate/state-ctso-fliers/

* Kotamraju, Pradeep. (2011). *Measuring the Return on Investment for CTE*. <u>Techniques.</u> http://careertech.org/sites/default/files/PradeepKtamrajuMeasuringROlforCTE-2011.pdf

[&]quot;Education Week Research Center. (2015). Diplomas Count 2015. http://www.edweek.org/ew/toc/2015/06/04/index.html

iii Association of Career and Technical Education. (2014). CTE Works! 2014 results from a National Survey.

www.acteonline.org/uploadedFiles/Assets_and_Documents/Global/files/CTE_Info/Research/2014_NRCCUA_ACTE_Research_Report_Final.pdf

iv U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System. NASDCTEc analysis of completions component (provisional data). https://nces.ed.gov/ipeds/

vi NASDCTEc analysis of 2013-14 data from the U.S. Department of Education, Office of Career, Technical and Adult Education.

vii National Skills Coalition. (2014). State Middle Skills Fact Sheets http://www.nationalskillscoalition.org/state-policy/fact-sheets

viii As calculated on Common Good Forecaster, increase in education attainment assumes a five percentage point decrease in those who did not complete high school and a 10 percentage point increase in those earning certificates or associate degrees. Unemployment and poverty figures are rounded to the nearest 100. http://www.unitedway.org/our-impact/focus/education/common-good-forecaster
Examples Anthony et al. (2011). Career Clusters: Forecasting Demand for High School through College Jobs, 2008-18, State Data http://www.careertech.org/sites/default/files/Georgetown-CareerClusters-State%20Data-2008-2018.pdf

^{xi} American Association of Community Colleges. (2014). Where Value Meets Values: The Economic Impact of Community Colleges http://www.aacc.nche.edu/About/Documents/USA_AGG_FactSheet_Final_021114.pdf