Career Technical Education Works for Students

- Ninety-one percent of CTE concentrators in the District of Columbia graduated high school in 2013, compared to the national average of 81 percent.
- According to a national survey of CTE students, about onethird 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.ⁱⁱⁱ

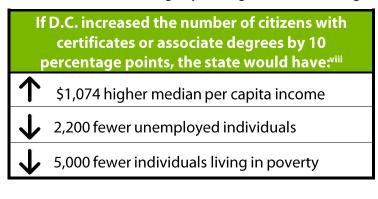
CTE IN D.C.

- About 6,900 high school students are enrolled in CTE
- ✓ About 2,000 postsecondary students are enrolled in CTE
- About six percent of all postsecondary degree and certificates awarded in D.C. in 2010 were associate's degrees or certificates, more than 1,500 in total.
- About 300 students in D.C. participated in at least one Career Technical Student Organization (CTSO).

Key Indicators of Success in D.C.: 2013-14vi	
CTE Students Proficient in Reading, Language Arts	72%*
CTE Students Proficient in Mathematics	74%*
CTE High School Graduates Placed in College/Careers	83%*
Postsecondary CTE Students Earning a Credential, Certificate of Degree	68%
Postsecondary CTE Students Staying Enrolled and/or Transferring	26%
Postsecondary CTE Students Placed in Careers/Further Training	38%
*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 27 percent of D.C.'s labor market, but only 23 percent of workers in D.C. 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 D.C.'s largest cluster overall, accounting for 188,600 jobs, but Information Technology will be the fastest growing, with jobs in this sector increasing by 20 percent.
- In all, D.C. will gain about 60,000 jobs, for a total of 775,800. About 71 percent of these jobs will require some education and training beyond high school, including 59,000 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



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

"Education Week Research Center. (2015). Diplomas Count 2015. http://www.edweek.org/ew/toc/2015/06/04/index.html

iii Association for 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 Fin al.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/
- ^v National Coordinating Council of Career Technical Student Organizations' State Fact Sheets. (2014). http://www.ctsos.org/advocate/state-ctso-fliers/
- 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, assuming increase in attainment is evenly split between those who only had a high school degree and half who had not completed high school. http://www.measureofamerica.org/forecaster/
- ^{ix} Carnevale, 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
- * Kotamraju, Pradeep. (2011). *Measuring the Return on Investment for CTE*. Techniques. http://careertech.org/sites/default/files/PradeepKtamrajuMeasuringROlforCTE-2011.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