

## **Career Technical Education Works for Students**

- Ninety-three percent of CTE concentrators in Maine 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.<sup>iii</sup>

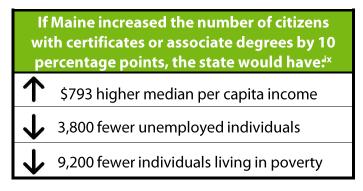
## **CTE IN MAINE**

- ✓ About 8,000 high school students are enrolled in CTE
- ✓ About 9,500 postsecondary students are enrolled in CTE
- About 33 percent of all postsecondary degree and certificates awarded in Maine in 2010 were associate degrees or certificates, nearly 5,000 in total.
- About 3,100 students in Maine participated in at least one Career Technical Student Organization (CTSO).

Key Indicators of Success in Maine: 2013-14 <sup>vi</sup>	
CTE Students Proficient in Reading, Language Arts	28%
CTE Students Proficient in Mathematics	28%*
CTE High School Graduates Placed in College/Careers	91%*
Postsecondary CTE Students Earning a Credential, Certificate of Degree	48%
Postsecondary CTE Students Staying Enrolled and/or Transferring	75%*
Postsecondary CTE Students Placed in Careers/Further Training	94%*
*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 53 percent of Maine's labor market, but only 48 percent of workers in Maine possess the required skills, i leading to a skills gap, which CTE can help address.
- By 2018, the Business, Management & Administration Career Cluster® is projected to be Maine's largest cluster overall, accounting for 91,500 jobs, but Health Science will be the fastest growing, with jobs in this sector increasing by 16 percent.
- In all, Maine will gain about 17,800 jobs for a total of 675,500. About 58 percent of all jobs will require some education and training beyond high school, including 68,000 that will require certificates.



## **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



<sup>1</sup> 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\_Final.pdf

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

<sup>v</sup> 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 Carnevale, Anthony et al. (2011). Career Clusters: Forecasting Demand for High School through College Jobs, 2008-18, State Data <a href="http://www.careertech.org/sites/default/files/Georgetown-CareerClusters-State%20Data-2008-2018.pdf">http://www.careertech.org/sites/default/files/Georgetown-CareerClusters-State%20Data-2008-2018.pdf</a>
- 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. <a href="http://www.unitedway.org/our-impact/focus/education/common-good-forecaster">http://www.unitedway.org/our-impact/focus/education/common-good-forecaster</a>
- \* Kotamraju, Pradeep. (2011). *Measuring the Return on Investment for CTE*. <u>Techniques.</u> <a href="http://careertech.org/sites/default/files/PradeepKtamrajuMeasuringROlforCTE-2011.pdf">http://careertech.org/sites/default/files/PradeepKtamrajuMeasuringROlforCTE-2011.pdf</a>
- xi American Association of Community Colleges. (2014). Where Value Meets Values: The Economic Impact of Community Colleges <a href="http://www.aacc.nche.edu/About/Documents/USA">http://www.aacc.nche.edu/About/Documents/USA</a> AGG FactSheet Final 021114.pdf