

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

- Ninety-nine percent of CTE concentrators in Idaho 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>

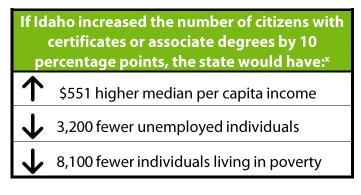
## **CTE IN IDAHO**

- ✓ About 83,000 high school students are enrolled in CTE
- ✓ About 7,100 postsecondary students are enrolled in CTE
- About 39 percent of all postsecondary degree and certificates awarded in Idaho in 2010 were associate degrees or certificates, nearly 8,500 in total. iv
- About 14,000 students in Idaho participated in at least one Career Technical Student Organization (CTSO).
- Of the 20 occupations with the highest job vacancy rates in Idaho, 17 are related to a CTE career pathway. vi

Key Indicators of Success in Idaho: 2013-14vii	
CTE Students Proficient in Reading, Language Arts	96%*
CTE Students Proficient in Mathematics	93%*
CTE High School Graduates Placed in College/Careers	92%*
Postsecondary CTE Students Earning a Credential, Certificate of Degree	74%*
Postsecondary CTE Students Staying Enrolled and/or Transferring	80%*
Postsecondary CTE Students Placed in Careers/Further Training	89%*
*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 54 percent of Idaho's labor market, but only 51 percent of workers in Idaho possess the required skills, viii leading to a skills gap, which CTE can help address.
- By 2018, the Business, Management & Administration Career Cluster® is projected to be Idaho's largest cluster
  overall, accounting for 118,100 jobs, but Health Science will be the fastest growing, with jobs in this sector
  increasing by 33 percent.
- In all, Idaho will gain about 97,900 jobs, for a total of 822,900. About 58 percent of these jobs will require some education and training beyond high school, including 86,000 certificates.ix



## Career Technical Education Works for America

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



<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 Fin

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/

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

vi Idaho Department of Labor. (2014). Occupations in Demand. http://www.pte.idaho.gov/pdf/2014.QuickFacts.pdf

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

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

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

\* 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

xi Kotamraju, Pradeep. (2011). *Measuring the Return on Investment for CTE*. Techniques.

http://careertech.org/sites/default/files/PradeepKtamrajuMeasuringROlforCTE-2011.pdf

xii 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