

# Career Technical Education: Making the Difference



Opportunities for economic recovery are forecasted for the coming years. New and replacement jobs are expected to surface and crops of high-wage positions are predicted to open up. Hope may be on the horizon. But **are we ready?** Education and economic stakeholders predict that we are not.

High school graduation rates are low and not enough students earn the two- and four-year college degrees that qualify them for the jobs of the future. How we train and educate our nation will make the difference on whether we have what it takes to recover. **We can do better.**

**CTE has already started.** Across the nation, CTE is making the difference by providing students with the knowledge and skills to compete in the global economy. CTE is demonstrating results by boosting high school and college going graduation rates across the nation. We are enabling our students of all ages to be ready for our future.

Share our video and our message about how CTE can help prepare our nation. **Join us in making the difference.**

## Video Facts

**By 2018, the economy will create: 13.8 million brand-new jobs, 33 million replacement jobs.**

Anthony P. Carnevale, Nicole Smith, Jeff Strohl, Help Wanted: Projections of Jobs and Education Requirements Through 2018. 2010. <http://cew.georgetown.edu/>. September 2010. <http://cew.georgetown.edu/>. September 2010.

**"Well-trained and highly-skilled workers will be best positioned to secure high-wage jobs..."**

Anthony P. Carnevale, Nicole Smith, Jeff Strohl, Help Wanted: Projections of Jobs and Education Requirements Through 2018. 2010. <http://cew.georgetown.edu/>. September 2010.

**Just 69% of students graduate from high school in 4 years.**

The National Center for Higher Education Management Systems. <http://www.higheredinfo.org/dbrowser/index.php?measure=23>. September 2010.

**81% of dropouts said "more real world learning" may have influenced them to stay.**

Bridgeland, J., et al. The Silent Epidemic. Bill and Melinda Gates Foundation, 2005. <http://www.gatesfoundation.org/nr/downloads/ed/TheSilentEpidemic3-06FINAL.pdf>. September 2010.

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the video

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[www.careertech.org](http://www.careertech.org)

Spread hope and  
our vision for education  
and the economy.

**The nation will lose \$3 trillion in the next decade to 12 million dropouts.**

High School Dropouts in America. September 2010. <http://www.all4ed.org/files/HighSchoolDropouts.pdf>. September 2010.

**We will need 22 million new Associate's Degrees or higher to fuel the economy.**

Anthony P. Carnevale, Nicole Smith, Jeff Strohl, Help Wanted: Projections of Jobs and Education Requirements Through 2018. 2010. <http://cew.georgetown.edu/>. September 2010.

**We will fall short of the college graduates needed by 3 million.**

Anthony P. Carnevale, Nicole Smith, Jeff Strohl, Help Wanted: Projections of Jobs and Education Requirements Through 2018. 2010. <http://cew.georgetown.edu/>. September 2010.

**New Mexico: Loving High School. Career Clusters Model. 95% average on-time graduation rate**

Redesigning the High School Experience for College and Career Readiness. 2009. [www.careerclusters.org](http://www.careerclusters.org). September 2010.

**Massachusetts: Tri-County Regional Vocational Technical High School: 92% graduation rate**

Massachusetts Department of Elementary and Secondary Education. [http://profiles.doe.mass.edu/grad/grad\\_report.aspx?orgcode=08780000&orgtypecode=5&](http://profiles.doe.mass.edu/grad/grad_report.aspx?orgcode=08780000&orgtypecode=5&). September 2010.

**New Jersey, Newark Tech High School: 86% of graduates report going on to 2-year or 4-year colleges**

Already At the Top: CTE Programs Show Positive Impact on Student Achievement, Focus: Urban school (three part series). National Association of State Directors of Career Technical Education. May 2010. [http://careertech.org/uploaded\\_files/Urban\\_FINAL\\_0L.pdf](http://careertech.org/uploaded_files/Urban_FINAL_0L.pdf). September 2010.

**California: Kearny High School Linked Learning Program. 95% report going to college**

Presented at an Alliance for Excellent Education event: Building the Capacity of Teachers to Prepare Students for College and Careers. August 2010. <http://www.all4ed.org/files/081310ErinPrestonPPT.pdf>

Special thanks to Oklahoma Department of Career and Technology Education, and Missouri Department of Elementary and Secondary Education, Office of College and Career Readiness for the photos and quotes featured in the video.

The National Association of State Directors of Career Technical Education (NASDCTEc) was established in 1920 to represent the state and territory heads of secondary, postsecondary and adult career technical education (CTE) across the nation. NASDCTEc, through leadership, advocacy and partnerships, aims to support an innovative CTE system that prepares individuals to succeed in education and their careers, and poises the United States to flourish a global, dynamic economy.