



Career Technical Education (CTE) is a proven strategy that expands options for learners, empowers them to choose a meaningful and sustainable career, and prepares them with real-world skills for success in college and careers. Through hands-on learning, engagement with industry experts and rigorous academic and career-focused coursework, CTE is learning that works for Alaska’s students – and its economy.

## CTE Works for Learners in Alaska

### CTE Enrollment<sup>1</sup>

**12,651**

High School

**5,688**

Postsecondary

### High School Graduation

**76%**

Alaska Average<sup>2</sup>

**94%**

CTE Concentrators<sup>3</sup>

## Outcomes for Learners in Alaska<sup>4</sup>

**79%**

high school CTE graduates enrolling in college, enlisting in the military or working within six months

**62%**

postsecondary CTE students staying enrolled and/or transferring

**49%**

postsecondary CTE students earning a credential, certificate or degree

**72%**

postsecondary CTE graduates placed in careers or further training within six months

- Fun fact: Four remote Alaskan districts in the Bristol Bay region formed a collaborative to help reach more students with high-quality CTE programs. Districts fly students to an alternating location where they receive intensive instruction and access to qualified experts for a week at a time.<sup>5</sup>

## CTE Works for Alaska’s Economy

- Middle-skill jobs – those requiring some postsecondary education and training, but not a Bachelor’s degree – account for 53 percent of Alaska’s labor market.
- However, only 49 percent of workers in Alaska are qualified to fill these middle-skill jobs,<sup>7</sup> leading to a skills gap that CTE can help address.
- In total, 4,435 associate’s degrees or certificates were awarded in Alaska in 2015 – about 60 percent of all postsecondary degrees and certificates.<sup>8</sup>



In Alaska, the top middle-skill occupations with the highest projected job openings are in the Agriculture, Food and Natural Resources and Manufacturing Career Clusters.<sup>6</sup>



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<sup>1</sup> U.S. Department of Education, Perkins Data Explorer. <https://perkins.ed.gov/pims/DataExplorer/CTEParticipant>

<sup>2</sup> U.S. Department of Education, National Center for Education Statistics.  
[https://nces.ed.gov/ccd/tables/ACGR\\_RE\\_and\\_characteristics\\_2014-15.asp](https://nces.ed.gov/ccd/tables/ACGR_RE_and_characteristics_2014-15.asp)

<sup>3</sup> U.S. Department of Education, Perkins Data Explorer. <https://perkins.ed.gov/pims/DataExplorer/Performance>

<sup>4</sup> *Ibid.*

<sup>5</sup> <http://www.alaskajournal.com/2017-05-10/southwest-alaska-education-program-growing-courses-students#.WbGp-siGPIV>

<sup>6</sup> Based on Advance CTE's analysis of fastest-growing occupations by state. This represents occupations with high annual projected job openings that requires an associate's degree and provide an average wage of at least \$34,760. Retrieved from [https://www.careerinfonet.org/select\\_state.asp?id=11&nodeid=12&next=state1](https://www.careerinfonet.org/select_state.asp?id=11&nodeid=12&next=state1)

<sup>7</sup> National Skills Coalition. (2017). *State Middle Skills Fact Sheets*. <http://www.nationalskillscoalition.org/state-policy/states>

<sup>8</sup> U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System. Advance CTE's analysis of completions component. Retrieved from <https://nces.ed.gov/ipeds/>