



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 North Dakota’s students – and its economy.

## CTE Works for Learners in North Dakota

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

**20,828**

High School

**10,884**

Postsecondary

### High School Graduation

**87%**

North Dakota  
Average<sup>2</sup>

**95%**

CTE Concentrators<sup>3</sup>

### Outcomes for Learners in North Dakota<sup>4</sup>

**78%**

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

**51%**

postsecondary CTE students staying enrolled and/or transferring

**43%**

postsecondary CTE students earning a credential, certificate or degree

**92%**

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

- Fun fact: North Dakota’s Choice Ready Framework, described in its submitted Every Student Succeeds Act (ESSA) plan, identifies academic-, career-, and military-ready options for students. Its career-ready option is one of the most robust in the April cohort, including work-based learning experiences, community service, dual enrollment, WorkKeys tests of job skills, technical assessment and industrial credentials.<sup>5</sup>

## CTE Works for North Dakota’s Economy

- Middle-skill jobs – those requiring some postsecondary education and training, but not a Bachelor’s degree – account for 60 percent of North Dakota’s labor market.
- However, only 50 percent of workers in North Dakota are qualified to fill these middle-skill jobs,<sup>7</sup> leading to a skills gap that CTE can help address.
- In total, 3,259 associate’s degrees or certificates were awarded in North Dakota in 2015 – about 27 percent of all postsecondary degrees and certificates.<sup>8</sup>



In North Dakota, the top middle-skill occupations with the highest projected job openings are in the Health Science, Manufacturing, and Architecture & Construction 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.nasbe.org/wp-content/uploads/Long\\_CTE\\_Final.pdf](http://www.nasbe.org/wp-content/uploads/Long_CTE_Final.pdf)

<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/>