What is the value of CTE to Illinois employers?

*“Around the world, CTE is not a track away from successful adulthood, but rather a path towards it.1”*

“Career and Technical Education plays a vital role in the preparation of our youth for the workforce. Students in these programs are more likely to be work ready because of the skills and knowledge they have attained from these various courses. Companies

in the technical sector hold value in these programs because of smoother transition from secondary education to the workforce.”

*— Troy Diess, Training and Development Manager, Morton Industries*



“Students’ exposure to careers and the technical skills provide an essential road map as they enter the workplace. Schools are critical to highlighting the pathways along that map.”

*— Chris DuBois, Manager, Human Resources, Komatsu America Corporation*

“The Work-Based Learning Program showed me a path and opened doors that I never even knew existed. Without

the guidance that this program provided, it would have been difficult for me to establish the relationships that have helped me succeed in the construction industry.”

*— Matt Maybanks, Project Manager, O’Shea Builders*

“The number of employment openings surpasses the supply of applicants, especially in healthcare fields. Career and Technical Education experiences at the high school level help attract people into long-term healthcare careers.”

Positions & companies as of 1/1/23

*— Don Schultz, RN, BSN OSF Healthcare System*

Career & Technical Education (CTE) Student Enrollment 20172

Family & Consumer

Sciences

101,046

Agricultural

Education

30,102

Business, Marketing, & Computer Education

105,492

Technology & Engineering Education

87,620

Health Science

Technology

10,224

36,551

The number of students

who were members of a state-organized CTE Student Organization (CTSO) in

2016-17.



[*1. Petrilli, M.J. and Zeelander, D. (2016). Forward. In Dougherty, S.M., Career and Technical Education in High School: Does it Improve Student Outcomes?. Thomas B. Fordham Institute.(p. 1)*](https://edexcellence.net/publications/career-and-technical-education-in-high-school-does-it-improve-student-outcomes)

*2. ISBE: 2016-17 School Year Enrollment based on enrolling in at least one CTE course. Students may be counted more than once amongst program areas, but never more than once in the same program area. Illinois public secondary enrollment was 615,312. Enrollment data pulled March 2018.*

High School Stackable\* Credentials

[TOP](http://dashboard.il60by25.org/Data/SupplyDemand/1?tab=skillsandcertifications)

[10](http://dashboard.il60by25.org/Data/SupplyDemand/1?tab=skillsandcertifications)

[Illinois Specialized Skills in Demand\*](http://dashboard.il60by25.org/Data/SupplyDemand/1?tab=skillsandcertifications)

[By Online Job Listings: 2017 April–June](http://dashboard.il60by25.org/Data/SupplyDemand/1?tab=skillsandcertifications)

Customer Service 35,643

Family & Consumer Sciences

[ECE Credential](http://www.ilgateways.com/credentials/ece-credential)

[Level 1](http://www.ilgateways.com/credentials/ece-credential)

[ServSafe Sanitation](https://www.servsafe.com/Getting-Started-Guide)

[Manager (FSSM)](https://www.servsafe.com/Getting-Started-Guide)

Agricultural

Education

[Crop](https://www.certifiedcropadviser.org/become-certified/certifications)

[Advisor](https://www.certifiedcropadviser.org/become-certified/certifications)

[Landscape / Sports Field Technician](https://www.ilca.net/certification/)

[ProStart National Certificate of Achievement](https://chooserestaurants.org/Programs-and-Scholarships/prostart/Program-Overview)

Business, Marketing, & Computer Education

[Microsoft Office](https://www.microsoft.com/learning/en-us/mos-certification.aspx)

[Specialist (MOS)](https://www.microsoft.com/learning/en-us/mos-certification.aspx)

[A+ Certified](https://certification.comptia.org/certifications/a)

[IT Professional](https://certification.comptia.org/certifications/a)

Technology & Engineering Education

[NIMS Machining](https://nims-skills.org/resources/skill-standards/128)

[Level I](https://nims-skills.org/resources/skill-standards/128)

[ASE Student](http://www.asestudentcertification.com/)

[Certification](http://www.asestudentcertification.com/)

Health Science

Technology

[Certified Nurse](http://www.dph.illinois.gov/topics-services/health-care-regulation/health-care-worker-registry/cna-facts)

[Assistant (CNA)](http://www.dph.illinois.gov/topics-services/health-care-regulation/health-care-worker-registry/cna-facts)

[Pharmacy](https://www.idfpr.com/profs/pharm.asp)

[Technician (CPhT)](https://www.idfpr.com/profs/pharm.asp)

Microsoft Excel 34,056

Microsoft Office 28,838

Sales 28,332

Scheduling 23,598

Budgeting 19,899

Project Management 18,729

[Food](https://www.ansi.org/accreditation/credentialing/certificate-issuers/food-handler-certificates/)

[Animal Quality](https://web.extension.illinois.edu/qaec/)

[Assurance](https://web.extension.illinois.edu/qaec/)

[Veterinarian](http://www.vettechcolleges.com/schools/illinois)

[Medical](http://www.vettechcolleges.com/schools/illinois)

[Adobe Certified](https://edex.adobe.com/aca/)

[Associate (ACA)](https://edex.adobe.com/aca/)

[Cisco](http://www.cisco.com/c/en/us/training-events/training-certifications/certifications/entry/ccent.html)

[A+ Certified](https://certification.comptia.org/certifications/a)

[IT Professional](https://certification.comptia.org/certifications/a)

[OSHA](https://www.osha.gov/dte/outreach/teachingaids.html)

[CPR Healthcare](https://www.isbe.net/pages/school-health-issues.aspx)

[Provider](https://www.isbe.net/pages/school-health-issues.aspx)

[EMS First](http://www.dph.illinois.gov/topics-services/emergency-preparedness-response/ems)

Customer Contact 15,849

Supervisory Skills 15,789

Microsoft Powerpoint 13,869

*\*Burning Glass Technologies,*

*“Labor Insight: Real-Time Labor Market Information Tool” and the Center for Governmental Studies at Northern Illinois University.*

[Handler](https://www.ansi.org/accreditation/credentialing/certificate-issuers/food-handler-certificates/)

[Technician](http://www.vettechcolleges.com/schools/illinois)

[Certification](http://www.cisco.com/c/en/us/training-events/training-certifications/certifications/entry/ccent.html)

[Safety](https://www.osha.gov/dte/outreach/teachingaids.html)

[Responder](http://www.dph.illinois.gov/topics-services/emergency-preparedness-response/ems)

“Real-time labor market information is based on analysis of the millions of job

listings posted everyday by employers.” This data is compiled by bots that scan the

*A 2015-16 survey conducted by the Illinois Education for Employment Systems, resulted in the top four credentials*

*offered by Illinois CTE programs.*

*\*A stackable credential — certificate, license, digital badge, apprenticeship, etc.— increases one’s “currency” by creating more direct paths to better jobs and higher wages.*

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James T. Meeks, Chairman | Tony Smith, Ph.D., State Superintendent of Education

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internet daily for job postings on job boards, corporate websites, and other locations.”

To reprint this infographic with live links to the High School Stackable Credentials in the chart, access the [ISBE](https://www.isbe.net/Documents/2018_CTE_Fact_Sheet.pdf) and/or the [ISU website.](http://www.connectionsproject.ilstu.edu/factsheet/)

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