

STILL NEEDED:

Career & Technical Education (CTE) Teachers

CTE is Commanding National Attention

In the decade from 2008 - 2018, high school CTE enrollment **increased** by nearly

+19%

In July 2018, the **Perkins Act** was reauthorized by the federal government, providing greater state funding for CTE programs.

Now, CTE is "expected to play a key role in the **recovery from the pandemic.**"

Source: "Secondary Career Technical Education and Economic Recovery" Advance CTE, 2020
Source: "The Future of Career Technical Education (CTE): What Educators Need to Know" Tech & Learning, 2021

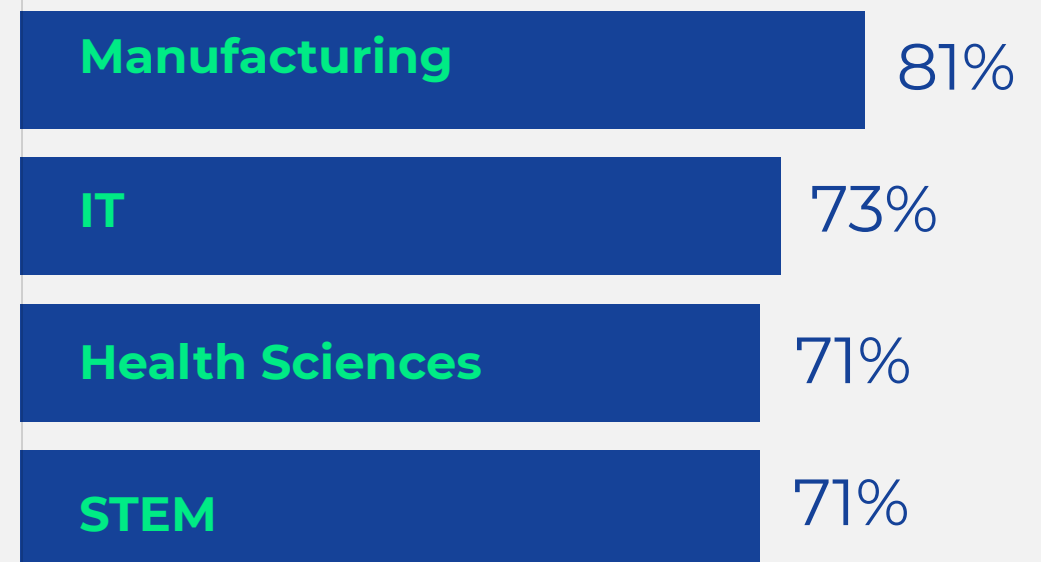
Demand for CTE Educators is Outpacing Supply

33% of CTE Teachers plan to **leave teaching** in the next **5 YEARS**



86 percent of State Directors report moderate to severe shortages of High School CTE teachers.

% of States with CTE Teacher Shortages in Fastest Growing Career Clusters



Source: Percentages from Fall 2019 SRF Survey of 1,205 CTE Teachers, Sponsored by the Research Consortium on CTE Career Pathways
Source: "The State of Career Technical Education: An Analysis of States' Perkins V Priorities" Advance CTE, 2020

Source: "CTE Teacher and Faculty Shortages" Advance CTE, 2018

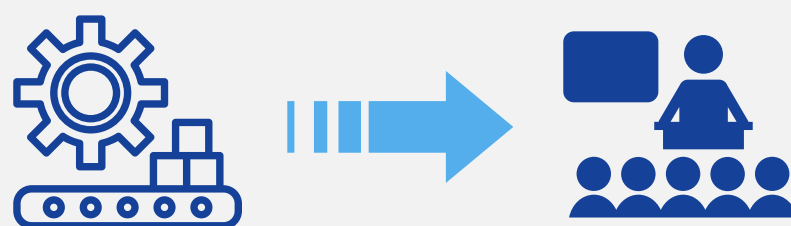
Growing These Programs to Satisfy Demand Relies on Attracting More CTE Teachers

Who are the Teachers of CTE Programs?

Insights from current CTE teachers may help efforts to **recruit and retain** future CTE teachers.

CTE Teachers at a Glance

- 91%** worked in the field they teach
- 58%** moved from industry to classroom
- 86%** earned Bachelor's degree or higher



Source: Percentages from Fall 2019 SRF Survey of 1,205 CTE Teachers, Sponsored by the Research Consortium on CTE Career Pathways

CTE Teachers **Most Often** are Satisfied with...

86% Subjects taught

77% Students taught

Highest satisfaction

What Satisfies the **Fewest** CTE Teachers?

Least often satisfied with...

46% Salary and Benefits

CTE Teachers Often Earn Less Than They Would in Industry Jobs

Source: Percentages from Fall 2019 SRF Survey of 1,205 CTE Teachers, Sponsored by the Research Consortium on CTE Career Pathways
Source: "Perkins Reauthorization: An Opportunity to Address Career and Technical Education Teacher Shortages" Learning Policy Institute, 2017

What Interventions Will Aid the Recruitment and Retention of High School CTE Teachers?

Perkins V Act

The Perkins Act now **requires** states allocate funding to...

- recruiting,**
- preparing,** or
- retaining**

...CTE teachers, faculty, specialized instructional support personnel, or paraprofessionals."

Source: "Strengthening Career and Technical Education for the 21st Century Act (Perkins V) Provisions Related to Equity in CTE" NAPE, 2018

States Can Allocate Money to Both... Recruitment & Retention

27% States using funds for "Developing Explicit Recruitment Plans and Activities"

36 states use funds to facilitate the "transition to teaching from business and industry."

Allocating Perkins V funds to professional development signals a **focus on retaining teachers** that are recruited.

71% States using funds for "Providing Professional Development"

Source: "Perkins V Supports Teacher Recruitment and Retention" Advance CTE, 2021; Source: "CTE Teacher and Faculty Shortages" Advance CTE, 2018

Will Increased Funding for Perkins V Solve CTE Teacher Shortages? What Else is Needed?

This infographic summarizes findings from the CTE Teacher Survey sponsored by the Research Consortium on CTE Career Pathways, and other sources as noted. The Student Research Foundation surveyed 1,205 high school teachers in CTE classrooms nationwide during Fall 2019.

To learn more visit www.StudentResearchFoundation.org.

Sponsored by the **Research Consortium on CTE Career Pathways**

