

### Career and Technical Education (CTE) in Massachusetts

- At the secondary level, CTE programs are delivered in a number of ways: comprehensive high schools; regional vocational-technical high schools, which teach core academic subjects in the context of a multitude of specific career fields; regional academic schools, which are comprehensive high schools that serve students from multiple towns; county agricultural schools, which teach core academic subjects in the context of agricultural career fields; independent vocational and agricultural schools, which are open to students statewide; and educational collaboratives, which are partnerships between school districts that work to provide a broad range of innovative programming to meet emerging needs.
- At the postsecondary level, Massachusetts Community Colleges offer open access to high-quality, affordable academic programs, including associate degree and certificate programs.
- Learn more at [www.doe.mass.edu/ccte/cvte](http://www.doe.mass.edu/ccte/cvte) and [www.massmva.com](http://www.massmva.com).

In school year 2017-2018, **60,744** high school students and **55,689** postsecondary students participated in CTE in Massachusetts.

In Fiscal Year 2020, Massachusetts received an estimated **\$20,908,948** in federal Perkins funding—about \$326,458 more than in Fiscal Year 2019.

### CTE Highlights in Massachusetts

- Massachusetts [Innovation Pathways](#) are designed to give students experiences in a high-demand industry through strong partnerships with employers that expose learners to career pathways, and help them develop knowledge and skills related to their chosen field of study before they graduate high school. The six core characteristics of Innovation Pathways are career advising, labor market information, integrated instruction, work-based learning, credential preparation and postsecondary linkages.
- [My Career and Academic Plan \(MyCAP\)](#) is tool used by CTE students, beginning as early as sixth grade, for future academic and career planning. This resource provides a place to organize and record progress related to academic achievement, personal/social skill development and career development that can lead to workplace readiness.
- In 2019, Lt. Gov. Karyn Polito helped the Montachusett Regional Technical School open its new Automation, Robotics and Mechatronics (A.R.M.) lab and an advanced rapid fabrication lab through a \$500,000 [Skills Capital Grant Program Award](#). The lab prepares learners to become manufacturing technicians, robotics technicians, automation technicians, moldmakers and CNC machinists at local corporations.

### Student Performance (2018)

- **95%** of secondary CTE concentrators graduated.
- **91%** of secondary CTE concentrators met performance goals for technical skills.
- **96%** of secondary CTE concentrators went on to postsecondary education, the workforce, the military or an apprenticeship.
- **83%** of postsecondary CTE concentrators went on to the workforce, the military or an apprenticeship.

*Data from the U.S. Department of Education Office of Career, Technical and Adult Education (Perkins IV)*

### Labor Market Trends

- **46%** of Massachusetts's labor market consists of middle-skill jobs, but only **35%** of the state's workers are trained at the middle-skill level.
- The **top 5** industries for "good jobs" that pay a median annual income of \$55,000+ **without a bachelor's degree** are office and administrative support, management, construction and extraction, sales, and production.

*Data from National Skills Coalition Middle-Skill Job Fact Sheets and the Georgetown University Center on Education and the Workforce's Good Jobs Project*