**C****areer Vocational Technical Education Outcomes across Massachusetts**

| **Career Vocational Technical Education by numbers in Massachusetts (2020-2021)** |
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| Number of students in CVTE | 63,667 |
|  | Number of students in 44 Chapter 74-approved programs | 52,623 |
|  | Number of students in 43 non-Chapter 74-approved programs | 11,037 |
| Number of school districts with students enrolled in CVTE programs | 101 |

Approximately twenty percent of high school students participate in some form of **career vocational technical education** (CVTE) in high schools across the Commonwealth. In some cases, students take a sequence of two or more career technical courses in a technical area while in high school; in other cases, students participate in rigorous and extensive career vocational technical training. All are considered CVTE programs.

**Perkins Core Indicators** comprise the accountability system for schools and districs offering CVTE programming; these are named after the federal legislation and funding sourrce for secondary and postsecondary career and technical education programs. One of the Perkins Core Indicators is the **graduation rate** for CTE concentrators who have completed programs. Throughout the twelve years of Perkins IV, the state came within 90% of meeting the target for this indicator. Looking across population groups, results are mixed: the state has not met this indicator for some of federally-specified subpopulations. The most recent year of data is Performance Year 1 of Perkins V.

| **After high school**, graduates of career vocational technical programs continue their education in apprenticeship programs or 2-year and 4-year colleges; earn certificates, credentials and licenses in their area of study; enter the workforce or military; and more. Many graduates pursue postsecondary education while working. |
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| **After High School –**  | **Positive placement** | **Ch74** | **Positive placement** | **Perkins-only** |
| Additional Education | 50% | 74% |
| Military | 3% | 3% |
| Employed (in related field) | 33% | 12% |
| Employed (in unrelated field) |   | 12% | 9% |
| Not in Labor Force |   | <1% |   | <1% |
| Unemployed |   | 1% |   | <1% |
| Response Rate |  | 79% |  | 64% |

Districts with CVTE programs conduct a **Career Vocational Technical Education Graduate Follow-up Survey** to better understand graduates’ outcomes in the 12-16 months after high school graduation. According to the Follow-up Survey of 2018 graduates, **98.23% are in ‘positive placements’** (or, in postsecondary education, including apprenticeship and technical training; in the military; or employed in any field) among survey respondents. For the subset who are graduates of Chapter 74-approved programs, **86.04% are in ‘positive placements’** (or, in postsecondary education, including apprenticeship and technical training; in the military; or employed in a related field) among survey respondents.

| Beyond the Graduate Follow-up Survey (and not limited to students in CVTE), **workforce and postsecondary outcomes** of high school graduates are available. For example, of the roughly 65,000 high school graduates from the graduating class of 2015, four years after high school graduation – * 82% had participated in some form of **postsecondary education** by 2019;
* 74% were **employed in Massachusetts** four years later, many while in postsecondary education concurrently; and
* the **top industries** in which they were employed were retail (18%), health care and social assistance (16%), and accommodation and food services (15%).
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DESE’s [Office of College, Career and Technical Education](http://www.doe.mass.edu/ccte/) administers CVTE programming in Massachusetts. Many reports and resources are available to understand enrollment and outcomes of students in CVTE programs across the state. For more, see DESE’s [Data & Accountability](http://www.doe.mass.edu/DataAccountability.html) or [CVTE Reporting/Data](http://www.doe.mass.edu/ccte/cvte/data/), or email CCTE@doe.mass.edu.