

MASSACHUSETTS

Career Technical Education (CTE) Profile



NAPE
National Alliance for
Partnerships in Equity
Education Foundation

Career and Technical Education in Massachusetts

Secondary CTE is delivered through comprehensive high schools, regional vocational-technical high schools, regional academic schools, county agricultural schools, independent vocational and agricultural schools, and educational collaboratives. At the postsecondary level, Massachusetts Community Colleges offer open access to high-quality, affordable academic programs, including associate's degree and certificate programs.¹

Perkins Performance Indicators (FY 2016)

Congress made accountability for results a central focus of Perkins IV. States are required to report annually on the following core performance indicators, which assess their effectiveness in achieving statewide progress in CTE and optimizing the return on investment of federal funds in CTE.²

| <i>Secondary (%)</i> | <i>Target</i> | <i>Male</i> | <i>Female</i> | <i>AI/AN</i> | <i>Asian</i> | <i>Black</i> | <i>Hispanic</i> | <i>NHOPI</i> | <i>White</i> | <i>Two+</i> |
|--|---------------|-------------|---------------|--------------|--------------|--------------|-----------------|--------------|--------------|-------------|
| Academic Attainment in Reading/Language Arts | 87 | 88 | 92 | 89 | 89 | 83 | 82 | 86 | 93 | 89 |
| Academic Attainment in Mathematics | 75 | 76 | 74 | 81 | 82 | 60 | 61 | 71 | 80 | 71 |
| Technical Skills Attainment | 86 | 89 | 91 | 86 | 81 | 88 | 92 | 100 | 90 | 89 |
| School Completion | 97 | 98 | 98 | 97 | 99 | 97 | 96 | 100 | 99 | 98 |
| Student Graduation Rates | 92 | 92 | 95 | 90 | 98 | 90 | 89 | 80 | 95 | 94 |
| Placement | 97 | 96 | 97 | 96 | 97 | 94 | 91 | 100 | 97 | 97 |
| Nontraditional Participation | 22 | 14 | 27 | 28 | 25 | 26 | 26 | 21 | 22 | 26 |
| Nontraditional Completion | 21 | 10 | 26 | 38 | 21 | 24 | 24 | 33 | 21 | 26 |

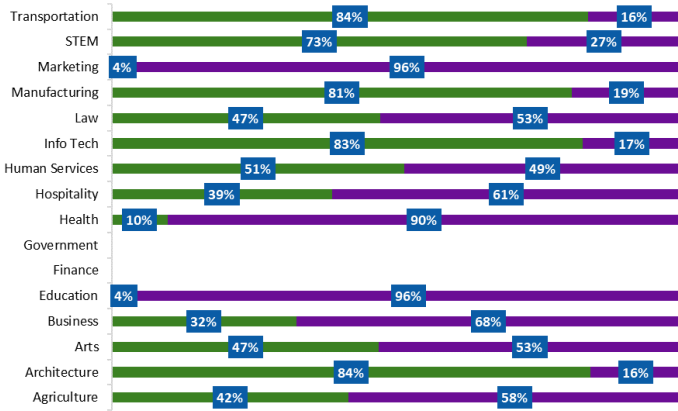
| <i>Postsecondary (%)</i> | <i>Target</i> | <i>Male</i> | <i>Female</i> | <i>AI/AN</i> | <i>Asian</i> | <i>Black</i> | <i>Hispanic</i> | <i>NHOPI</i> | <i>White</i> | <i>Two+</i> |
|------------------------------------|---------------|-------------|---------------|--------------|--------------|--------------|-----------------|--------------|--------------|-------------|
| Technical Skill Attainment | 83 | 82 | 84 | 82 | 84 | 83 | 82 | 71 | 84 | 80 |
| Credential, Certificate, or Degree | 57 | 52 | 59 | 52 | 56 | 51 | 50 | 53 | 58 | 49 |
| Student Retention or Transfer | 71 | 66 | 72 | 66 | 74 | 69 | 67 | 71 | 70 | 65 |
| Student Placement | 84 | 74 | 81 | 70 | 69 | 77 | 78 | 50 | 79 | 79 |
| Nontraditional Participation | 25 | 12 | 28 | 25 | 21 | 22 | 23 | 18 | 19 | 21 |
| Nontraditional Completion | 23 | 18 | 18 | 24 | 17 | 23 | 21 | 50 | 16 | 21 |

Career Cluster Enrollment (FY 2016)

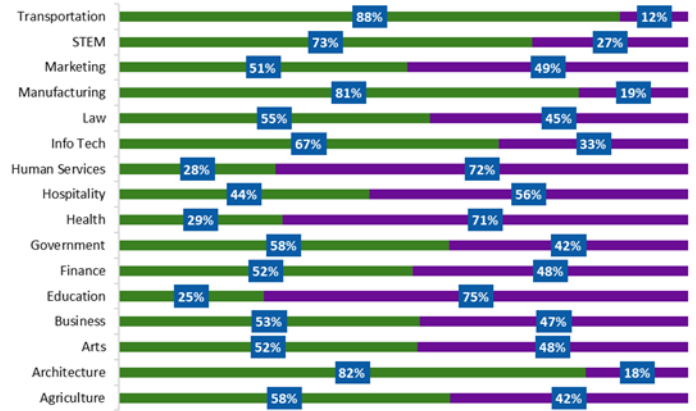
Seven of the 16 career clusters in CTE lead to high-skill, high-wage, and high-demand STEM-related careers (Agriculture, Architecture, Health, Information Technology, Manufacturing, STEM, and Transportation) and contain programs that prepare students for nontraditional careers.²

= male = female

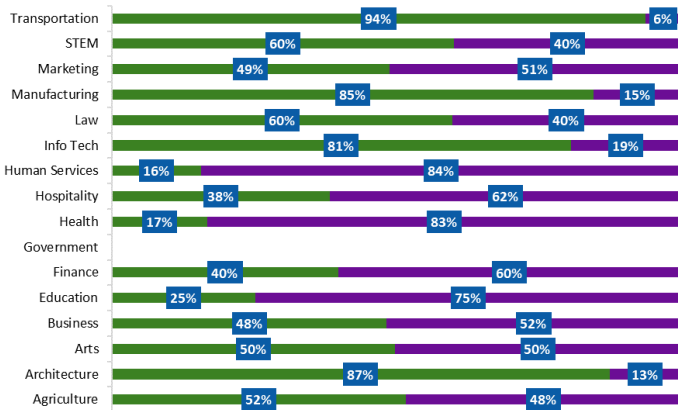
MA Secondary Enrollment



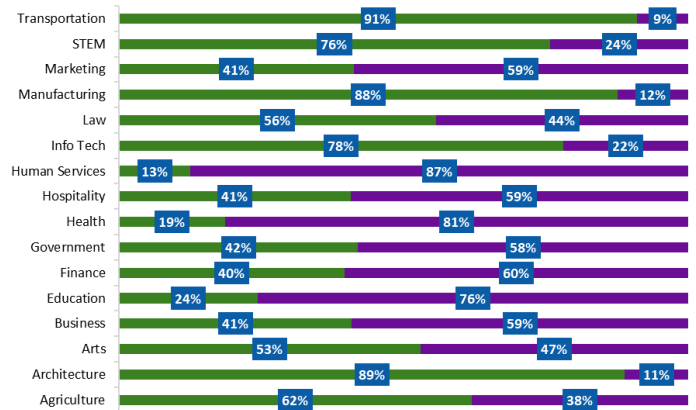
U.S. Secondary Enrollment



MA Postsecondary Enrollment



U.S. Postsecondary Enrollment



State CTE Contact

Marnie Jain, MA Department of Elementary and Secondary Education, 75 Pleasant St., Malden, MA 02148, (781) 338-3908, mjain@doe.mass.edu

Notes

1. ACTE State Profiles at <https://www.acteonline.org/stateprofiles/>
2. AI/AN = American Indian or Alaskan Native, NHOPHI = Native Hawaiian/Other Pacific Islander. All data from Perkins Data Explorer at <https://perkins.ed.gov/pims/DataExplorer/>