2018-2019

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Advanced Manufacturing Metrics



*Secondary School, Community College and Workforce Development Board Measures Summary*

**Northeastern NC Career Pathways**

**Advanced Manufacturing Pathway**

**Community College Progress Measures**

**Work-based Learning, Community College Completers, Employer Engagement**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Progress Measure** | **2014-2015** | **2015-2016** | **2016-2017** | **2017-2018** | **2018-2019** |
| Number of employers providing **Advanced Manufacturing** related *work-based learning experiences* to students | 16 | 19 | 20 | 29 | 14 |
| Number of students who experienced an **Advanced Manufacturing** related *work-based learning opportunity* | 27 | 31 | 23 | 34 | 144 |
| Number of **Advanced Manufacturing programs** in which students earned certificates, diplomas and/or associate science degrees | 19 | 19 | 45 | 43 | 41 |
| Number of students who earned **Advanced Manufacturing** certificates, diplomas, and/or associate science degrees | 1055 | 975 | 2631 | 2944 | 824 |

**Northeastern NC Career Pathways**

**Advanced Manufacturing Pathway**

**Community College Progress Measures**

 **Advanced Manufacturing Programs**

* Aviation Technology
* Computer Integrated Machining
* HVAC
* Welding Technology
* Computer Aided Drafting
* Electrical Engineering Technoloyg
* Electrical Systems Technology
* Electrical/Electronics Technology
* Air Conditioning
* Heat Pumps
* Industrial Systems Technology
* Commercial Refrigeration
* Fork Lift Training
* Mechanical Engineering Technician
* Basics of Tire Manufacturing

**Northeastern North Carolina Career Pathways**

**Advanced Manufacturing Pathway**

**Workforce Development Boards**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Progress Measures** | **Year Ending****6/30/15** | **Year Ending****6/30/16** | **Year Ending****6/30/17** | **Year Ending****6/30/18** | **Year Ending 6/30/19** |
| **Adult Measures** |  |  |  |  |  |
| The number of adult clients enrolled in Advanced Manufacturing Pathway at a community college | 43 | 58 | 81 | 31 | 61 |
| The number of adult clients who earned an Advanced Manufacturing credential | 18 | 33 | 48 | 18 | 12 |
| The number of adult clients employed in an Advanced Manufacturing career | 10 | 28 | 39 | 17 | 7 |
| **Youth Measures** |  |  |  |  |  |
| The number of youth clients enrolled in a high school diploma program | 184 | 193 | 173 | 186 | 119 |
| The number of youth clients enrolled in a high school equivalency program | 120 | 201 | 161 | 152 | 63 |
| The number of youth clients enrolled in an Advanced Manufacturing Pathway at a community college | 14 | 24 | 30 | 31 | 13 |
| The number of youth clients enrolled in pathways other than Advanced Manufacturing | 90 | 120 | 120 | 97 | 58 |
| The number of youth clients employed in an Advanced Manufacturing career | N/A | N/A | N/A | N/A | 9 |

**North Carolina Northeast Career Pathways**

**Advanced Manufacturing Pathways**

**Secondary School Measures**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Progress Measure** | **2013-2014** | **2014-2015** | **2015-2016** | **2016-2017** | **2017-2018** | **2018-2019** |
| **Concentrator and Industry Credentials Measures** |  |  |  |  |  |  |
| Number of students who complete the high school requirements to be recognized as an advanced manufacturing pathway concentrator\* | 114 | 117 | 71 | 140 | 121 | 260 |
| Number of Students who achieve advanced manufacturing related credentials | 77 | 475 | 405 | 1678 | 3345 | 4577 |
| Career Readiness Certificates (CRCs) | 2705 | 2887 | 2383 | 2843 | 2670 | 1835 |
| **Work-based Learning and Employer Engagement Measures** |  |  |  |  |  |  |
| Number of employers providing advanced manufacturing related work-based learning opportunities | N/A | 53 | 44 | 71 | 77 | 86 |
| Number of students provided an advanced manufacturing related work-based learning opportunity | N/A | 36 | 651 | 728 | 837 | 1024 |
| Number of employers engaged in activities related to advanced manufacturing instruction other than work-based learning | N/A | 61 | 53 | 106 | 127 | N/A |
| **Activities that support Pathway Completion Measures** |  |  |  |  |  |  |
| No./% of LEAs offering 7 or more career guidance activities in which 75% or more of a grade level participated | 6/29% | 8/38% | 8/44% | 2/13% | 7/41% | N/A |
| Number of NC Career and College Promise courses completed in an advanced manufacturing pathway | 92 | 70 | 273 | 481 | 676 | 435 |
| Number of CCP college transfer courses completed | 1134 | 1765 | 2845 | 6526 | 6223 | N/A |

\*Includes students enrolled in Manufacturing and STEM clusters

**College and Career Exposure Activities offered (7th through 12th)**

* **Community/Guest Speakers**
* **Ready, Set, App – Guest Speaker (Tech)**
* **Career Fairs**
* **CTE Career Collaboration**
* **CTE Middle School X-Factor**
* **Graduates Ready & Digitally Driven (GRADD)**
* **Job Shadowing (in person and virtual)**
* **STEM Fair**
* **Open House**
* **Career Conversations**
* **Career Cluster & Pathway Lessons**
* **Librarian Job Skills Exploratory Activities**
* **CFNC transition**
* **Learning Style Inventories**
* **EverFi “Key to my future” activity**
* **College Tours**
* **Grow Local initiative**
* **Ag Fest/Ag Expo**
* **IMatter Rally**
* **FAFSA**
* **Career & College Readiness presentations**
* **Workkeys bootcamps**
* **Senior Interview Days**
* **College Application Week**