| **Virginia Board of Education Agenda Item** | **Seal of the Commonwealth of Virginia** |
| --- | --- |

# Agenda Item: O

## Date: November 19, 2020

### Title: Written Report: Statewide Annual Performance Report for Career and Technical Education and the Virginia Community College System as a Sub-recipient of Perkins Funds from the Department of Education for School Year 2018-2019

### Presenter: George R. Willcox, Director, Operations and Accountability, Office of Career, Technical, and Adult Education

### Aris Bearse, Director of Institutional Research, Virginia Community College System

### Email: [George.willcox@doe.virginia.gov](mailto:George.willcox@doe.virginia.gov) Phone: (804) 225-2052

## Purpose of Presentation:

For information only. No action required.

## Executive Summary:

The Virginia System of Performance Standards and Measures addresses performance based on annual continuous improvement. For 2018-2019, Virginia met or exceeded all performance targets for secondary CTE programs. In 2018-2019, the VCCS exceeded the target for measure 2P1 (Completion) and 5P1 (Non-traditional gender representation), and met the 90 percent threshold for all other measures.

Performance targets that are not met by the 132 school divisions, nine regional technical centers, and 23 community colleges must be addressed with specific strategies for improvement in their local plan. Perkins funds may be redirected if a target is consistently not met for three consecutive years. The following charts indicate the number of school divisions, regional technical centers, and community colleges that did not meet the performance measures for the past two and three consecutive years.

**Summary of CTE Performance Measures Not Met for Two and Three Consecutive Years**

| **Code** | **State Secondary Performance Measure** | **School Divisions/Centers**  **Did not meet**  **for past two consecutive years**  **(2017-2019)** | **School Divisions/Centers Did not meet**  **for past three consecutive years**  **(2016-2019)** |
| --- | --- | --- | --- |
| 1S1 | Academic Attainment – End of Course (EOC) English: Reading | None | None |
| 1S2 | Academic Attainment – End of Course (EOC) Mathematics | None | None |
| 2S1-A | Technical Skills Attainment – Student Competency Rate | 2 | 3 |
| 2S1-B | Technical Skills Attainment – Completers Participating in Credentialing Tests | 3 | 3 |
| 2S1-C | Technical Skills Attainment – Test Takers (Completers) Passing Credentialing Tests | None | None |
| 2S1-D | Technical Skills Attainment – Completers Passing Credentialing Tests | 4 | 2 |
| 2S1-E | Technical Skills Attainment – Completers who passed a credentialing test plus Completers who earned an Advanced Studies Diploma and did not take a credentialing test. (College and Career Readiness) | 2 | None |
| 3S1 | Secondary Program Completion Rate | None | None |
| 4S1 | Graduation Rate | 3 | 1 |
| 5S1 | Transition from Secondary School to Postsecondary Education, Employment or Military | 15 | 9 |
| 6S1 | Nontraditional Career Preparation Enrollment | 16 | 22 |
| 6S2 | Nontraditional Career Preparation Completion | 14 | 31 |

| **Code** | **State Postsecondary Performance Measure** | **Community Colleges**  **Did not meet for past two consecutive years**  **(2017-2019)** | **Community Colleges**  **Did not meet for past three consecutive years**  **(2016-2019)** |
| --- | --- | --- | --- |
| 1P1 | Technical Skills Attainment | 0 | 0 |
| 2P1 | Completion | 1 | 1 |
| 3P1 | Retention and Transfer | 1 | 1 |
| 4P1 | Employment | 3 | 2 |
| 5P1 | Nontraditional Gender Representation | 10 | 10 |
| 5P2 | Nontraditional Gender Completion | 13 | 12 |

## Action Requested:

No action requested.

## Superintendent’s Recommendation:

The Superintendent of Public Instruction recommends that the Board receive the report as presented, maintain as a part of the Board of Education’s meeting records, and communicate to audiences as required by the Perkins legislation.

**Previous Review or Action:**

No previous review or action.

## Background Information and Statutory Authority:

The federal Carl D. Perkins Career and Technical Education Act of 2006 (Perkins IV) amended the Carl D. Perkins Vocational and Technical Act of 1998. Perkins IV focused on increased accountability for further developing the academic, career, and technical skills of students through high standards; linking secondary and postsecondary CTE programs; collecting and disseminating research and information on best practices; providing professional development and technical assistance to career and technical educators; developing partnerships among diverse stakeholders; and providing individuals with knowledge and skills necessary for the competitive global work force.

Perkins IV required that the results on the U.S. Department of Education negotiated state-adjusted levels of performance (targets) for secondary and postsecondary CTE be communicated to the Board of Education and other audiences. Each school division and community college receives an annual report of performance. The state- and division-level [reports](http://www.doe.virginia.gov/instruction/career_technical/statistics_reports/index.shtml) are available on the Virginia Department of Education’s Web site.

Secondary CTE Programs

The Virginia system for 2018-2019 addressed performance for CTE program completers on: academic attainment; technical skills attainment; secondary program completion rate; graduation rate; successful transition from secondary to postsecondary education, employment, or military; and nontraditional career preparation. A new baseline for the technical skills attainment was established for the 2009-2010 school year based on five separate performance indicators instead of one indicator. The technical skills attainment measure includes an indicator for college and career readiness, completers who passed a credentialing test plus completers who earned an Advanced Studies Diploma and did not pass a credentialing test. This indicator was calculated based on the 2010-2011 revised formula.

For 2011-2012, a new baseline was established for academic attainment in English, reading and mathematics based on Virginia’s Federal Annual Measurable Objectives (FAMOs) for all students under the *No Child Left Behind Act* flexibility waivers that were granted by the U. S. Department of Education in August 2012. Additionally, the technical skills attainment measure was modified by the Board to include the 2S1C (test takers passing credentialing tests), 2S1D (completers passing credentialing tests), and 2S1E (completers who passed a credentialing test plus completers who earned an Advanced Studies Diploma and did not pass a credentialing test), and new baselines were established.

In March 2013, the U.S. Department of Education approved Virginia’s amended changes for the methodology of setting Annual Measurable Objectives (AMOs) to meet requirements of the Elementary and Secondary Education Act *(*ESEA) flexibility waivers. Based on the approved amendment changes, the targets were revised for academic attainment in English, reading and mathematics.

In July 2014, the U.S. Department of Education approved the extension of Virginia’s ESEA flexibility waiver based on revised methodology.

Postsecondary CTE Programs

The Virginia Community College System (VCCS) addresses Perkins performance targets for: technical skills attainment; completion; retention and transfer; employment; nontraditional gender representation; and nontraditional gender completion. Institutions are considered to have met the target if they are within 90 percent of the target.

## Timetable for Further Review/Action:

No further action or review is anticipated.

## Impact on Fiscal and Human Resources:

There is minimum impact on resources. The agency’s existing resources can absorb costs at this time.



Virginia Department of Education

Career and Technical Education

# Annual Performance Report (APR) for Virginia Statewide

School Year  
2018-2019

## (1S1 & 1S2) Academic Attainment

**Academic Attainment –** Students (based on responsible school division) who completed a CTE program (all and special populations) and were also enrolled in an academic course, for which a Standards of Learning (SOL) end-of-course test is required, will attain a passing score on the corresponding test.

**Performance Standard: 1S1 English: Reading = 87.00%**

**1S2 Mathematics (Highest Level) = 87.00%.**

### ALL CTE COMPLETERS PERFORMANCE

| **SOL Test** | **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- | --- |
| **EOC English: Reading**  **(1S1)** | 97.90% (41,155 of 42,037) | 98.67% (40,658 of 41,205) | 98.97% (39,867 of 40,281) |
| **EOC Mathematics**  **(Highest level)**  **(1S2)** | 98.09% (41,137 of 41,938) | 98.61% (40,602 of 41,174) | 98.99% (39,882 of 40,290) |

### ALL SPECIAL POPULATIONS PERFORMANCE

| **SOL Test** | **2018-2019** |
| --- | --- |
| **EOC English: Reading (1S1)** | 96.97% (24,327 of 25,086) |
| **EOC Mathematics**  **(Highest Level) (1S2)** | 97.18% (24,350 of 25,056) |

## (2S1) Technical Skills Attainment

**Technical Skills Attainment[[1]](#footnote-2) consists of five Performance Measures:**

1. The percentage of completers[[2]](#footnote-3) that attain 80% of the essential competencies on the state-provided, industry-validated competency lists **– 93.00%**
2. Completers participating in one or more Board approved credentialing tests **– 85.00%**
3. Completers taking and passing credentialing tests **– 85.00%**
4. Completers passing credentialing tests **– 78.00%**
5. Completers who passed a credentialing test plus the Completers who earned an Advanced Studies Diploma and did not pass a credentialing test[[3]](#footnote-4) **– 81.00%**

## (2S1) Technical Skills Attainment

In the two tables below: \* denotes completers who have attained 80% of the student competency

\*\*denotes the performance measure for College and Career Readiness required by the Virginia Board of Education

### ALL CTE COMPLETERS

| **PERFORMANCE STANDARD** | **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- | --- |
| A. Student Competency Rate\* | 96.07% (40,558 of 42,215) | 96.61% (40,020 of 41,426) | 96.66% (39,161 of 40,516) |
| B. Completers Participating in a Credentialing Test Rate | 97.03% (40,962 of 42,215) | 97.02% (40,190 of 41,426) | 96.59% (39,133 of 40,516) |
| C. Test Takers (Completers) Passing Credentialing Test Rate | 97.40% (39,897 of 40,962) | 97.07% (39,013 of 40,190) | 96.66% (37,827 of 39,133) |
| D. Completers Passing Credentialing Test Rate\*\* | 94.51% (39,897 of 42,215) | 94.18% (39,013 of 41,426) | 93.36% (37,827 of 405,16) |
| E. Completers who passed a credentialing test plus Completers who earned an Advanced Studies Diploma and did not pass a credentialing test\*\* | 96.27% (40,641 of 42,215) | 96.10% (39,810 of 41,426) | 95.73% (38,787 of 40,516) |
| Information Indicator – Completers who earned an Advanced Studies Diploma and passed a credentialing test | 48.62% (20,527 of 42,215) | 47.80% (19,802 of 41,426) | 48.09% (19,485 of 40,516) |

| **PERFORMANCE STANDARD** | **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- | --- |
| A. Student Competency Rate\* | 95.63% (24,073 of 25,172) | 95.92% (22,303 of 23,251) | 95.72% (22,168 of 23,159) |
| B. Completers Participating in a Credentialing Test Rate | 96.92% (24,397 of 25,172) | 96.84% (22,516 of 23,251) | 96.58% (22,367 of 23,159) |
| C. Test Takers (Completers) Passing Credentialing Test Rate | 96.41% (23,520 of 24,397) | 95.66% (21,539 of 22,516) | 95.33% (21,323 of 22,367) |
| D. Completers Passing Credentialing Test Rate\*\* | 93.44% (23,520 of 25,172) | 92.64% (21,539 of 23,251) | 92.07% (21,323 of 23,159) |
| E. Completers who passed a credentialing test plus Completers who earned an Advanced Studies Diploma and did not pass a credentialing test\*\* | 94.80% (23,863 of 25,172) | 94.03% (21,863 of 23,251) | 93.70% (21,700 of 23,159) |
| Information Indicator – Completers who earned an Advanced Studies Diploma and passed a credentialing test | 38.51% (9,694 of 25,172) | 35.77% (8,318 of 23,251) | 37.61% (8,711 of 23,159) |

### ALL SPECIAL POPULATIONS PERFORMANCE

## (3S1) Secondary School Completion

**Secondary School Completion –** Students (based on responsible school division) who completed CTE programs and graduated from secondary education.

**Performance Standard: 3S1 Secondary School Completion = 97.00%.**

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 99.78% (42,208 of 42,303) | 98.74% (41,426 of 41,953) | 98.56% (40,516 of 41,106) |

## (4S1) Graduation Rate

**Graduation Rate –** The number of CTE completers (based on CTE serving school division) who earned an Advanced Studies Diploma, International Baccalaureate Diploma or Standard Diploma.

**Performance Standard: 4S1 Graduation Rate = 94.00%.**

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 97.74% (41,254 of 42,208) | 97.94% (40,572 of 41,426) | 97.70% (39,585 of 40,516) |

## (5S1) Secondary Placement (Transition) Rate

**Secondary Placement (Transition) Rate –** CTE completers (based on CTE serving school division) will successfully transition from secondary school to employment, military, further education, or full-time equivalency of part-time combinations of transition indicators.

**Performance Standard: 5S1 Secondary Transition Rate = 94.00%.**

### ALL CTE COMPLETERS

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 96.70% (30,245 of 31,278) | 96.23% (31,067 of 32,285) | 96.26% (32,415 of 33,673) |

### ALL SPECIAL POPULATIONS PERFORMANCE

| **2018-2019** |
| --- |
| 95.33% (16,852 of 17,677) |

## (5S1) Program Completer Response Rate

**Program Completer Response Rate –** The response rate to the Career and Technical Education Student Follow-Up Survey for school year 2017-2018.

**Performance Standard: 5S1 Completer Response Rate = 75.00%.**

### ALL CTE COMPLETERS

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 75.50% (31,278 of 41,426) | 79.68% (32,285 of 40,516) | 79.41% (33,673 of 42,404) |

## (6S1 & 6S2) Nontraditional Career Preparation

**Nontraditional Career Preparation (Enrollment) –** The total (combined) enrollment rate (based on CTE serving school division) in the state-identified courses for nontraditional career preparation of the gender that comprises less than 25%.

**Performance Standard: 6S1 Nontraditional Career Preparation Enrollment = 31.75%**

### ALL CTE NONTRADITIONAL ENROLLMENT

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 33.94% (89,041 of 262,321) | 33.76% (71,333 of 211,305) | 33.98% (94,509 of 278,091) |

**Nontraditional Career Preparation (Completion) –** The total (combined) completion rate (based on CTE serving school division) in the state-identified courses for nontraditional career preparation of the gender that comprises less than 25%.

**Performance Standard: 6S2 Nontraditional Career Preparation Completion = 28.10%.**

### ALL CTE NONTRADITIONAL COMPLETERS

| **2018-2019** | **2017-2018** | **2016-2017** |
| --- | --- | --- |
| 31.88% (8,631 of 27,071) | 31.23% (7,977 of 25,546) | 27.15% (7,221 of 26,597) |

## 2018-2019 Virginia Statewide

In the table below: \* denotes the Perkins Consolidated Annual Report measure for Technical Skills Attainment

\*\*denotes the performance measure for College and Career Readiness required by the Virginia Board of Education

### ANNUAL PERFORMANCE SUMMARY

| **Standard** | **All Students** | **Special Population** |
| --- | --- | --- |
| 1S1 Academic Attainment: Reading  (Highest Level) | Met | Met |
| 1S2 Academic Attainment: Mathematics  (Highest Level) | Met | Met |
| 2S1A. Technical Skills Attainment  Student Competency Rate | Met | Met |
| 2S1B. Completers Participating in  Credentialing Test Rate | Met | Met |
| 2S1C. Test Takers (Completers) Passing  Credentialing Test Rate\* | Met | Met |
| 2S1D. Completers Passing Credential  Test Rate\*\* | Met | Met |
| 2S1E. Completers who passed a  credentialing test plus Completers  who earned an Advanced Studies  Diploma and did not pass  a credentialing test\*\* | Met | Met |
| 3S1 Secondary School Completion | Met | N/A |
| 4S1 Student Graduation Rate | Met | N/A |
| 5S1 Secondary Placement (Transition)  Rate | Met | Met |
| 5S1 Program Completer Response Rate | Met | N/A |
| 6S1 Nontraditional Career Preparation  (Enrollment) | Met | N/A |
| 6S2 Nontraditional Career Preparation  (Completion) | Met | N/A |

The 2018-2019 Statewide Annual Performance Report will be posted on the CTE website after the presentation to the Virginia Board of Education.

## 2018-2019 Statewide Performance Summary by Division

| **Division** | **1S1 87%** | **1S2 87%** | **2S1A 93%** | **2S1B 85%** | **2S1C 85%** | **2S1D 78%** | **2S1E 81%** | **3S1 97%** | **4S1 94%** | **5S1 94%** | **6S1 31.75%** | **6S2 28.1%** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Accomack County Public Schools | Met | Met | Not Met | Not Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Albemarle County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Alexandria City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Met |
| Alleghany County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Amelia County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Amelia-Nottoway Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| Amherst County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Appomattox County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Arlington County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Augusta County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Bath County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Bedford County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Bland County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met | Met |
| Botetourt County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Bridging Communities Regional Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| Bristol City Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Brunswick County Public Schools | Met | Met | Not Met | Met | Not Met | Not Met | Not Met | Met | Met | Met | Not  Met | Met |
| Buchanan County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Buckingham County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Buena Vista City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Campbell County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Caroline County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Carroll County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Charles City County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Charlotte County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Charlottesville City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Charlottesville-Albemarle Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Not Met | Not  Met | Not Met |
| Chesapeake City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |

## 2018-2019 Statewide Performance Summary by Division

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Division** | **1S1 87%** | **1S2 87%** | **2S1A 93%** | **2S1B 85%** | **2S1C 85%** | **2S1D 78%** | **2S1E 81%** | **3S1 97%** | **4S1 94%** | **5S1 94%** | **6S1 31.75%** | **6S2 28.1%** |
| Chesterfield County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Clarke County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Colonial Beach Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Colonial Heights City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Covington City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Craig County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Not Met | Met | Not Met | Met | Met | Not Met |
| Culpeper County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Cumberland County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Danville City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met | Met |
| Dickenson County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Dinwiddie County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Essex County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Fairfax County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Falls Church City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Fauquier County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Floyd County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Fluvanna County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Franklin City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Franklin County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Frederick County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Met |
| Fredericksburg City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Galax City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Giles County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Gloucester County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Met |
| Goochland County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Met | Not  Met | Not Met |
| Grayson County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Greene County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Greensville County Public Schools | Met | Met | Met | Not Met | Not Met | Not Met | Not Met | Met | Met | Met | Met | Met |

## 2018-2019 Statewide Performance Summary by Division

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Division** | **1S1 87%** | **1S2 87%** | **2S1A 93%** | **2S1B 85%** | **2S1C 85%** | **2S1D 78%** | **2S1E 81%** | **3S1 97%** | **4S1 94%** | **5S1 94%** | **6S1 31.75%** | **6S2 28.1%** |
| Halifax County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Hampton City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Hanover County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Harrisonburg City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Henrico County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Henry County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Not Met | Met | Not Met |
| Highland County Public Schools | Met | Met | Not Met | Not Met | Met | Not Met | Not Met | Met | Not Met | Met | Not  Met | Met |
| Hopewell City Public Schools | Met | Met | Met | Not Met | Not Met | Not Met | Not Met | Met | Met | Met | Met | Met |
| Isle of Wight County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Jackson River Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Met |
| King and Queen County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Not Met | Met | Met |
| King George County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| King William County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Lancaster County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Lee County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Loudoun County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Louisa County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Lunenburg County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Lynchburg City Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Met | Met | Not Met |
| Madison County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Manassas City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Manassas Park City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Martinsville City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Massanutten Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| Mathews County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Mecklenburg County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Middlesex County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Not Met | Met | Met | Met | Met | Not Met |
| Montgomery County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |

## 2018-2019 Statewide Performance Summary by Division

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Division** | **1S1 87%** | **1S2 87%** | **2S1A 93%** | **2S1B 85%** | **2S1C 85%** | **2S1D 78%** | **2S1E 81%** | **3S1 97%** | **4S1 94%** | **5S1 94%** | **6S1 31.75%** | **6S2 28.1%** |
| Nelson County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Met | Met | Not Met |
| New Horizons Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| New Kent County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Not Met | Met | Met | Not Met |
| Newport News City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Norfolk City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Northampton County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Northern Neck Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Not Met | Not  Met | Not Met |
| Northumberland County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Norton City Public Schools | Met | Met | Met | Not Met | Not Met | Not Met | Not Met | Met | Met | Met | Not  Met | Not Met |
| Nottoway County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Orange County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Page County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Not Met | Met | Met | Not Met | Not  Met | Not Met |
| Patrick County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Petersburg City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Met |
| Pittsylvania County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Poquoson City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Portsmouth City Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Powhatan County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Met | Not  Met | Not Met |
| Prince Edward County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Met |
| Prince George County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Prince William County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Pulaski County Public Schools | Met | Met | Not Met | Not Met | Met | Not Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Radford City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Rappahannock County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Richmond City Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Richmond County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Met |
| Roanoke City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Roanoke County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |

## 2018-2019 Statewide Performance Summary by Division

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Division** | **1S1 87%** | **1S2 87%** | **2S1A 93%** | **2S1B 85%** | **2S1C 85%** | **2S1D 78%** | **2S1E 81%** | **3S1 97%** | **4S1 94%** | **5S1 94%** | **6S1 31.75%** | **6S2 28.1%** |
| Rockbridge County Public Schools | Met | Met | Met | Not Met | Met | Not Met | Met | Met | Met | Met | Met | Not Met |
| Rockingham County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Rowanty Technical Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| Russell County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Salem City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met |
| Scott County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Shenandoah County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Smyth County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Met |
| Southampton County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met | Not Met |
| Spotsylvania County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Stafford County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Staunton City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Met |
| Suffolk City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Surry County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Sussex County Public Schools | Met | Met | Met | Met | Not Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Tazewell County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not Met | Met | Met |
| Valley Career and Technical Education Center | N/A | N/A | Met | Met | Met | Met | Met | N/A | Met | Met | Not  Met | Not Met |
| Virginia Beach City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Warren County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Not  Met | Not Met |
| Washington County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met | Met | Not Met |
| Waynesboro City Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Met |
| West Point Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Westmoreland County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| Williamsburg/James City County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Winchester City Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |
| Wise County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Not Met |
| Wythe County Public Schools | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met | Met |
| York County Public Schools | Met | Met | Not Met | Met | Met | Met | Met | Met | Met | Met | Not  Met | Not Met |

**Perkins Core Performance Measures**

**Results and Targets**

**2018-2019**



**Workforce Development Services**

**November 2020**

# VIRGINIA COMMUNITY COLLEGE SYSTEM PERFORMANCE ON PERKINS CORE PERFORMANCE STANDARDS AND MEASURES 2018-2019

## Overview

Perkins is a federally funded program targeting career and technical skill programs at the secondary and postsecondary levels. The program was initially established in 1963 with the passage of the Vocational Education Act, which was renamed in later authorizations by the program’s largest proponent, Carl D. Perkins. In 2007, Perkins III was revamped via legislation to Perkins IV. Perkins IV stresses increased accountability and greater linkages among secondary and postsecondary education and employment. This is the final performance report for Perkins IV, as Perkins V has been enacted along with new postsecondary measures.

Goals of the Perkins program include:

* Further developing the academic, career and technical skills of students through high standards;
* Linking secondary and postsecondary career and technical programs;
* Disseminating national research about career and technical education; and
* Providing professional development and technical assistance to career and technical educators.

The Virginia Department of Education is the grant recipient of the Perkins funds for the Commonwealth. The Virginia Community College System (VCCS) receives 15 percent of the grant to administer the postsecondary component of the program.

The VCCS is expected to meet established targets each year and to report on the results of the performance measures. Continued Perkins funding is contingent upon achieving targets for each of these measures in future years. Institutions are considered to have met the threshold if they are within 90% of the target.

## Results for 2018-2019

In the 2018-2019 academic year, the VCCS exceeded the target for measures 2P1 (Completion) and 5P1 (Non-traditional gender representation), and exceeded the 90% threshold for all measures. Table 1 shows the performance of the VCCS on each of the six measures and compares the actual results to the Perkins targets and thresholds, as well as to the results of the previous year. Compared to the previous year, performance improved the most for measure 2P1 (Completion), which increased by over three percent. The other five measures were all within one percent of their performance in the previous year.

**Table 1: VCCS Performance on Perkins Measures**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Perkins Performance Measure** | **Actual** | **Actual** | **Target** | **Diff. Actual vs. Target** | **Change from**  **17-18 to 18-19** | **90 % of Target** | **Result** |
| **2017- 18** | **2018- 19** | **2018- 19** |
| 1P1: Technical Skills Attainment | 76.78 | 76.98 | 77.50 | -0.52 | 0.20 | 69.75 | Exceeds 90% Threshold |
| 2P1: Completion | 44.00 | 47.10 | 41.75 | 5.35 | 3.10 | 37.58 | Exceeds Target |
| 3P1: Retention and Transfer | 64.83 | 65.34 | 66.40 | -1.06 | 0.51 | 59.76 | Exceeds 90% Threshold |
| 4P1: Employment | 69.16 | 68.94 | 70.00 | -1.06 | -0.22 | 63.00 | Exceeds 90% Threshold |
| 5P1: Non-traditional Gender Representation | 17.15 | 17.07 | 16.14 | 0.93 | -0.08 | 14.53 | Exceeds Target |
| 5P2: Non-traditional Gender Completion | 14.57 | 14.34 | 15.30 | -0.96 | -0.23 | 13.77 | Exceeds 90% Threshold |

The remaining document provides information on how each of the 23 community colleges performed on each of the Perkins measures in 2018-19. Definitions and methods for calculating the performance measures are provided in the Appendix.

## Individual College Success by Perkins Measure

Table 2 provides data on performance for the 23 community colleges. If the data point is labeled in blue font, then the college did not meet the target for the particular measure. If the cell is shaded, then the college did not meet the 90% threshold for that measure. College performance on each of the six measures is summarized below.

* **1P1 Technical Skills:** 13 of 23 colleges exceeded the target, and all exceeded the 90% threshold.
* **2P1 Completion:** 20 of 23 colleges exceeded the target, while only one college failed to meet the 90% threshold.
* **3P1 Retention and Transfer:** Only six colleges exceeded the target, but only four colleges did not meet the 90% threshold.
* **4P1 Employment:** 16 colleges exceeded the target, while only four colleges did not meet the 90% threshold.
* **5P1 Nontraditional Gender Representation:**  Only six colleges exceeded the target, while 14 colleges did not meet the 90% threshold.
* **5P2 Nontraditional Gender Completion**: Only six colleges exceeded the target, while 14 colleges did not meet the 90% threshold.

Each year, colleges that do not meet the state’s target at the 90% threshold for any measure are required to develop a plan for improvement of that measure. In FY 2006, VCCS began to require colleges to allocate a portion of their Perkins funds towards those measures. However, given the new performance indicators starting this year, such funds will be allocated based on colleges’ performance on the new indicators.

## Summary of 2018-2019 VCCS Performance on Perkins Measures

* Three colleges (Reynolds, Piedmont Virginia, and Virginia Western) exceeded the 90% threshold for all performance measures.
* Nine colleges met the 90% threshold in at least five of the six measures, while all but one college met the 90% threshold in at least half of the measures.
* VCCS system-wide performance was basically unchanged compared to the prior year, with the exception of a notable increase in completion rates (2P1).
* The VCCS completion rate has improved by over eight percent since the 2015-16 reporting year (38.7% to 47.1%)
* Despite the lower benchmarks set by USDOE beginning with the 2016-17 reporting year, many of Virginia’s community colleges still failed to meet the performance thresholds for nontraditional gender participation and completion. High performance by the larger, urban colleges in these measures has enabled the system to meet these performance benchmarks by offsetting low percentages at most of the smaller, rural colleges.

**TABLE 2: INDIVIDUAL PERFORMANCE FOR VCCS COMMUNITY COLLEGES 2018-2019**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1P1** | **2P1** | **3P1** | **4P1\*** | **5P1** | **5P2** | **# Did not meet Target** | **# Did not meet 90%** |
| **Technical Skills** | **Completion** | **Retention and Transfer** | **Employment** | **Non-traditional Gender Rep.** | **Non-traditional Gender Completion** |
|
| **Target** | **77.50** | **41.75** | **66.40** | **70.00** | **16.14** | **15.30** |  |  |
| **90% of Target** | **69.75** | **37.58** | **59.76** | **63.00** | **14.53** | **13.77** |
|  |  |  |  |  |  |  |  |  |
| **Blue Ridge** | 80.8% | 69.2% | 67.8% | 82.8% | 14.6% | 12.5% | 2 | 1 |
| **Central Virginia** | 76.6% | 52.1% | 59.0% | 78.0% | 18.7% | 20.7% | 2 | 1 |
| **Dabney S. Lancaster** | 78.3% | 59.5% | 58.8% | 79.5% | 13.8% | 6.8% | 3 | 3 |
| **Danville** | 77.3% | 53.2% | 63.1% | 65.1% | 8.6% | 6.1% | 5 | 2 |
| **Eastern Shore** | 76.7% | 51.0% | 63.2% | 72.7% | 6.5% | 9.3% | 4 | 2 |
| **Germanna** | 79.1% | 55.6% | 66.2% | 70.5% | 14.0% | 10.3% | 3 | 2 |
| **J. Sargeant Reynolds** | 81.3% | 37.7% | 62.6% | 75.9% | 18.5% | 17.6% | 2 | 0 |
| **John Tyler** | 76.3% | 53.9% | 69.9% | 76.7% | 18.1% | 12.0% | 2 | 1 |
| **Lord Fairfax** | 80.9% | 54.3% | 66.8% | 71.6% | 11.8% | 11.5% | 2 | 2 |
| **Mountain Empire** | 83.5% | 55.9% | 59.5% | 52.1% | 11.3% | 11.8% | 4 | 4 |
| **New River** | 75.1% | 44.3% | 63.9% | 78.6% | 7.6% | 5.5% | 4 | 2 |
| **Northern Virginia** | 74.7% | 39.2% | 68.3% | 62.6% | 19.4% | 18.3% | 3 | 1 |
| **Patrick Henry** | 79.8% | 55.6% | 62.3% | 81.1% | 10.4% | 5.9% | 3 | 2 |
| **Paul D. Camp** | 85.5% | 55.5% | 61.2% | 77.3% | 8.9% | 4.6% | 3 | 2 |
| **Piedmont Virginia** | 77.4% | 65.1% | 67.9% | 78.6% | 19.5% | 21.5% | 1 | 0 |
| **Rappahannock** | 78.8% | 63.0% | 61.8% | 67.8% | 12.6% | 15.2% | 4 | 1 |
| **Southside Virginia** | 79.2% | 53.0% | 59.9% | 76.6% | 10.9% | 9.4% | 3 | 2 |
| **Southwest Virginia** | 80.7% | 50.4% | 57.5% | 63.3% | 13.8% | 15.3% | 3 | 2 |
| **Thomas Nelson** | 71.9% | 37.0% | 63.0% | 71.0% | 15.2% | 12.5% | 5 | 2 |
| **Tidewater** | 77.0% | 43.9% | 63.4% | 61.1% | 22.1% | 17.6% | 3 | 1 |
| **Virginia Highlands** | 78.3% | 51.0% | 64.1% | 57.6% | 14.1% | 14.5% | 4 | 2 |
| **Virginia Western** | 77.0% | 56.7% | 69.8% | 79.9% | 16.0% | 14.2% | 3 | 0 |
| **Wytheville** | 81.7% | 54.2% | 63.0% | 80.1% | 13.2% | 9.8% | 3 | 2 |
|  |  |  |  |  |  |  |  |  |
| **VCCS** | **76.98%** | **47.10%** | **65.34%** | **68.94%** | **17.07%** | **14.57%** | **4** | **0** |

\* 4P1 Employment is based on student matches with Virginia Employment Commission (VEC) records along with other states’ unemployment insurance employee records through their participation in the State Wage Interchange System (SWIS). Data from the VEC and SWIS do not include self-employment, employment with the military, or federal government employment. Therefore, verifiable rates tend to be lower in areas with military bases or large federal employers.

**Appendix**

## Method of Calculating Postsecondary Perkins Performance Measures

Performance measures are calculated based on three different classifications of students: participants, concentrators and completers. The following is a definition for each classification:

* Participant: A student who has declared a career and technical education (CTE) major and is enrolled in courses during the reporting year
* Concentrator: A participant who has earned 12 or more degree-bearing credits
* Completer/graduates: A concentrator who earned a credential or a degree (graduated) during the reporting year.

| **Method of Calculating Postsecondary Perkins Performance Measures** | |
| --- | --- |
| **Measure** | **Method** |
| **1P1: Technical Skills Attainment** | *Technical skills attainment measures the percentage of CTE students who earn a GPA or 2.5 or greater.*  **Numerator:** Number of CTE concentrators who accumulate a GPA of 2.5 or greater during the reporting year.  **Denominator:** Number of CTE concentrators during the reporting year. |
| **2P1: Completion** | *Completion measures the percentage of career and technical completers/graduates of those students leaving postsecondary education.*  **Numerator:** Number of completers, who in the reporting year earned a degree, a certificate, or an industry-recognized credential.  **Denominator:** Number of CTE concentrators in the reporting year who left postsecondary education (graduated or did not return to postsecondary education). |
| **3P1: Retention/Transfer** | *Retention and transfer is a measure of students who are retained in community college or transfer to college/university one year later.*  **Numerator**: Number of CTE concentrators who, after one-year, re-enrolled at a VCCS college or transferred to another college or university.  **Denominator:** Number of CTE concentrators enrolled during the reporting year less graduates. |
| 4P1:Employment | *Employment is a measure of the percentage of graduates who are employed 6 months after graduation.*  **Numerator:** Number of CTE completers who were employed during the September-December time period following graduation.  **Denominator:** Number of CTE completers in the reporting year who left postsecondary education. |
| **5P1: Nontraditional Participation** | *Non-traditional participation is measure of the percentage of gender minority enrollments in CTE programs that are related to occupations identified as gender under-represented* (less than 25% minority employment, U.S. Census Household Survey).  **Numerator:** Number of minority gender students who enrolled in a gender under-represented CTE program.  **Denominator:** Total number of students enrolled in a gender under-represented CTE program. |
| **5P2: Nontraditional Completion** | *Non-traditional completion is measure of the percentage of gender minority graduates from CTE programs that are related to occupations identified as gender under-represented* (less than 25% minority employment, U.S. Census Household Survey).  **Numerator:** Number of minority gender students who graduated from gender under-represented CTE programs.  **Denominator:** Total number of students graduating from gender under-represented CTE programs. |

1. *For students based on CTE serving school division* [↑](#footnote-ref-2)
2. *A Career and Technical Education Program Completer is a student who has met the requirements for a Career and Technical concentration or specialization and all requirements for high school graduation or an approved alternative education program* [↑](#footnote-ref-3)
3. *Performance measure for College and Career Readiness required by the Virginia Board of Education* [↑](#footnote-ref-4)