

VIRGINIA DEPARTMENT OF EDUCATION

OFFICE OF CAREER AND TECHNICAL EDUCATION SERVICES

**CAREER AND TECHNICAL EDUCATION
STATEWIDE ANNUAL PERFORMANCE REPORT
PERKINS IV PERFORMANCE STANDARDS**

**SCHOOL YEAR
2009-2010**

A. ACADEMIC ACHIEVEMENT

Performance Standard: Career and technical education completers who completed a CTE program and also enrolled in an academic course, for which a Standards of Learning end-of-course test is/are required, will attain a passing score on the Standards of Learning end-of-course tests. Reading/Language Arts performance standard is 88 percent and Mathematics performance standard is 79 percent.

Percent of CTE completers who passed the Standards of Learning End-of-Course Tests

Subject Area	Percent of Test Takers
Reading	97.85% (38,521 of 39,368)
Mathematics	98.17% (38,579 of 39,298)

B. TECHNICAL SKILLS ATTAINMENT

Performance Standard:

Indicator: Percentage of completers¹ that attain 80 percent of the essential competencies on the state-provided, industry-validated competency lists

Performance Measure: For school year 2009-2010, Technical Skills Attainment Performance Standard, 93.39% (35,702 of 38,228) of Completers met or exceeded the 80% competency minimum. This exceed the state target of 81%.²

For Technical Skills Attainment, Virginia is transitioning from one indicator, Student Competency Rate (A), to five indicators (A through E) below. The 2009-2010 school year establishes a new baseline for calculating the five performance measures. Prior years do not serve as comparison as the performance measure was based solely on the Student Competency Rate.

(2S1) Technical Skills Attainment

Indicators	Performance Measures Percent/Number
A. Student Competency Rate ²	93.39% (35,702 of 38,228)
B. Completers Participating in Credentialing Tests ³	44.57% (17,037 of 38,228)
C. Test Takers Passing Credentialing Tests ⁴	71.64% (12,205 of 17,037)
D. Completers Passing Credentialing Tests	31.93% (12,205 of 38,228)
E. Completers Earning Advanced Studies Diploma or Passing a Credentialing Tests ⁵	38.57% (14,746 of 38,228)

¹ 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.

² Completers who have attained 80% of the Student Competency

³ Virginia's Board-approved external recognized assessments include occupational competency assessments, such as the National Occupational Competency Testing Institute (NOCTI), industry certification examinations, and state licensure examinations.

⁴ Indicator includes only test takers. Not all CTE completers participate in externally validated credentialing tests. There are age restrictions set by certain credentialing entities which would prohibit the student from testing until after high school. The cost of external credentialing tests range from \$9 to \$155 per test or an approximate average cost of \$54 per test.

⁵ Indicator of College and Career Readiness: 14,746 is derived by combining the number of completers (9,250) who earned an Advanced Studies Diploma but did not take a credential test and the number of completers (5,496) who passed a credentialing test but did not earned an Advanced Studies Diploma.

C. SECONDARY SCHOOL COMPLETION

Performance Standard: The completion rate for students in career and technical content areas, including the secondary component of Tech Prep programs is 79.5 percent.

Secondary School Completion Rate

C ³	c + d ³	Completion Rate ³
39,671	40,159	98.78%

³ The Completion Rate was calculated using the number of completers (c) reported on the 2009-2010 Completer Demographics Report (CDR) and the number of dropouts (d) who completed a career and technical education program sequence or concentration as reported on the 2009-2010 Division Dropout Report. The formula is $c \div (c+d)$.

D. STUDENT GRADUATION RATE

Performance Standard: The number of CTE completers who earned an Advanced Studies, or Standard Diploma for school year 2009-2010 is 69 percent.

Graduation Rate

Completers who earned an Advanced Studies, IB or Standard Diploma	Completers	Percent who earned an Advanced Studies, or Standard Diploma
37,273	39,671	93.95%

E. TRANSITION

Performance Standard: Students who are career and technical completers/graduates will successfully transition at a combined rate of 79.5 percent from secondary school to employment, apprenticeship, military or other service, further education, or full-time equivalency of part-time combinations of transition indicators.

2009 Completer Transition Rate

Completers who transitioned	Completers who indicated transition status	Transition Rate
28,052	28,748	97.58%

F.

NONTRADITIONAL CAREER PREPARATION

Performance Standard: The total enrollment rate in the state-identified courses for non-traditional career preparation of the gender that comprise less than 25 percent will be 17 percent.

Nontraditional Career Preparation Enrollment

Nontraditional Enrollment	Enrollment of Nontraditional Courses	Percent of Nontraditional Enrollment
119,730	345,187	34.69%

Performance Standard: The total completion rate of the state-identified content areas for non-traditional career preparation of the gender that comprise less than 25 percent will be 13 percent.

Nontraditional Career Preparation Completion

Nontraditional Completers	Completers of Nontraditional Programs	Percent of Nontraditional Completers
10,226	35,500	28.81%

2009-2010 STATEWIDE PERFORMANCE SUMMARY

Standard	Met	Not Met
A. Academic Achievement	X	
B. Technical Skills Attainment*		
C. Secondary School Completion	X	
D. Graduation Rate	X	
E. Transition	X	
F. Nontraditional Enrollment	X	
G. Nontraditional Completion	X	

**Base Year Standard – This year establishes a new baseline for calculating three separate performance measures. Prior years do not serve as comparison as the measure was based solely on the Student Competency Rate.*

Highlights for Career and Technical Education for 2009-2010

- 23,158 students obtained the Career and Technical Education Seal
- 1,718 students obtained the Advanced Mathematics and Technology Seal
- 45.34 percent of CTE completers attained an Advanced Studies Diploma
- 29,057 CTE students have earned industry credentials, state licensures, or National Occupational Competency Testing Institute (NOCTI) assessments
- 7,508 CTE students participated in the Cooperative Education Program (CO-OP)
 - 6,945 employers employed CTE students under the CO-OP program
 - \$31,392,791.17 total wages earned by our CO-OP students
- 73.45 percent of CTE completers attend postsecondary education and advanced training.
- 18.81 percent of CTE completers have transitioned to full time employment
 - 3.30 percent of CTE completers have transitioned to the military

2009-2010 STATEWIDE PERFORMANCE SUMMARY BY DIVISION

✓	Performance meets or exceeds the 2009-2010 Performance Standards.
X	Did not meet Performance Standard for 2009-2010
-	N/A

**Base Year Standard – This year establishes a new baseline calculating three separate performance measures. Prior years do not serve as comparison as the measure was based solely on the Student Competency Rate.*

Division	Performance Measures							
	Academic Achievement		*Technical Skills Attainment 81%	Secondary School Completion 79.5%	Graduation Rate 69%	Transition 79.5%	Nontrad Enrollment 17%	Nontrad Completion 13%
	English 88%	Mathematics 79%						
Accomack County	✓	✓		✓	✓	✓	✓	✓
Albemarle County	✓	✓		✓	✓	✓	✓	✓
Alexandria City	✓	✓		✓	✓	✓	✓	✓
Alleghany County	✓	✓		✓	✓	✓	✓	X
Amelia County	✓	✓		✓	✓	✓	✓	✓
Amelia-Nottoway Technical Center	-	-		-	X	✓	X	X
Amherst County	✓	✓		✓	✓	✓	✓	X
Appomattox County	✓	✓		✓	✓	✓	✓	✓
Arlington County	✓	✓		✓	✓	✓	✓	✓
Augusta County	✓	✓		✓	✓	✓	✓	✓
Bath County	✓	✓		✓	✓	✓	✓	✓
Bedford County	✓	✓		✓	✓	✓	✓	✓
Bland County	✓	X		✓	✓	✓	✓	✓
Botetourt County	✓	✓		✓	✓	✓	✓	✓
Bristol City	✓	✓		✓	✓	✓	✓	✓
Brunswick County	✓	✓		✓	✓	✓	✓	X
Buchanan County	✓	✓		✓	✓	X	✓	✓
Buckingham County	✓	✓		✓	✓	✓	✓	✓
Buena Vista City	✓	✓		✓	✓	✓	✓	✓
Campbell County	✓	✓		✓	✓	✓	✓	✓
Caroline County	✓	✓		✓	✓	✓	✓	✓
Carroll County	✓	✓		✓	✓	✓	✓	✓
Charles City County	X	✓		✓	✓	✓	✓	X
Charlotte County	✓	✓		✓	✓	✓	✓	✓
Charlottesville Albemarle Tech	-	-		-	✓	✓	X	✓
Charlottesville City	✓	✓		✓	✓	✓	✓	✓
Chesapeake City	✓	✓		✓	✓	✓	✓	✓

Division	Performance Measures							
	Academic Achievement		*Technical Skills Attainment 81%	Secondary School Completion 79.5%	Graduation Rate 69%	Transition 79.5%	Nontrad Enrollment 17%	Nontrad Completion 13%
	English 88%	Mathematics 79%						
Chesterfield County	√	√		√	√	√	√	√
Clarke County	√	√		√	√	√	√	√
Colonial Beach	√	√		√	√	√	√	√
Colonial Heights City	√	√		√	√	√	√	√
Covington City	√	√		√	√	√	√	√
Craig County	√	√		√	√	√	√	√
Culpeper County	√	√		√	√	√	√	√
Cumberland County	√	√		√	√	√	√	√
Danville City	√	√		√	√	√	√	√
Dickenson County	√	√		√	√	√	√	√
Dinwiddie County	√	√		√	√	√	√	√
Essex County	√	√		√	√	√	√	√
Fairfax County	√	√		√	√	√	√	√
Falls Church City	√	√		√	√	√	√	√
Fauquier County	√	√		√	√	√	√	√
Floyd County	√	√		√	√	√	√	X
Fluvanna County	√	√		√	√	√	√	√
Franklin City	√	√		√	√	√	√	√
Franklin County	√	√		√	√	√	√	√
Frederick County	√	√		√	√	√	√	√
Fredericksburg City	√	√		√	√	√	√	√
Galax City	√	√		√	√	√	√	√
Giles County	√	√		√	√	√	√	√
Gloucester County	√	√		√	√	√	√	√
Goochland County	√	√		√	√	√	√	√
Grayson County	√	√		√	√	√	√	√
Greene County	√	√		√	√	√	√	√
Greensville County	√	√		√	√	√	√	√
Halifax County	√	√		√	√	√	√	√
Hampton City	√	√		√	√	√	√	√

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Division	Performance Measures							
	Academic Achievement		*Technical Skills Attainment 81%	Secondary School Completion 79.5%	Graduation Rate 69%	Transition 79.5%	Nontrad Enrollment 17%	Nontrad Completion 13%
	English 88%	Mathematics 79%						
Hanover County	√	√		√	√	√	√	√
Harrisonburg City	√	√		√	√	√	√	√
Henrico County	√	√		√	√	√	√	√
Henry County	√	√		√	√	√	√	√
Highland County	√	√		√	√	X	√	√
Hopewell City	√	√		√	√	√	√	√
Isle of Wight	√	√		√	√	√	√	√
Jackson River Technical Center	—	—		—	√	√	X	√
King and Queen County	√	√		√	√	√	√	√
King George County	√	√		√	√	√	√	√
King William County	√	√		√	√	√	√	√
Lancaster County	√	√		√	√	√	√	√
Lee County	√	√		√	√	√	√	√
Loudoun County	√	√		√	√	√	√	√
Louisa County	√	√		√	√	√	√	√
Lunenburg County	√	√		√	√	√	√	√
Lynchburg City	√	√		√	√	√	√	√
Madison County	√	√		√	√	√	√	√
Manassas City	√	√		√	√	√	√	√
Manassas Park City	√	√		√	√	√	√	√
Martinsville City	√	√		√	√	√	√	√
Massanutten Technical Center	—	—		—	√	√	X	√
Mathews County	√	√		√	√	√	√	√
Mecklenburg County	√	√		√	√	√	√	√
Middlesex County	√	√		√	√	√	√	√
Montgomery County	√	√		√	√	√	√	√
Nelson County	√	√		√	√	√	√	√
New Horizons Technical Center	—	—		—	√	√	X	√
New Kent County	√	√		√	√	√	√	√
Newport News City	√	√		√	√	√	√	√

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	English 88%	Mathematics 79%						
Norfolk City	√	√		√	√	√	√	√
Northampton County	√	√		√	√	√	√	√
Northern Neck Technical Center	—	—		—	√	√	✗	√
Northumberland County	√	√		√	√	√	√	√
Norton City	√	√		√	√	√	√	√
Nottoway County	√	√		√	√	√	√	√
Orange County	√	√		√	√	√	√	√
Page County	√	√		√	√	√	√	√
Patrick County	√	√		√	√	√	√	√
Petersburg City	√	√		√	√	√	√	√
Pittsylvania County	√	√		√	√	√	√	√
Poquoson City	√	√		√	√	√	√	√
Portsmouth City	√	√		√	√	√	√	√
Powhatan County	√	√		√	√	√	√	√
Prince Edward County	√	√		√	√	√	√	√
Prince George County	√	√		√	√	√	√	√
Prince William County	√	√		√	√	√	√	√
Pulaski County	√	√		√	√	√	√	√
Radford City	√	√		√	√	√	√	√
Rappahannock County	√	√		√	√	√	√	✗
Richmond City	√	√		√	√	√	√	√
Richmond County	√	√		√	√	√	√	√
Roanoke City	√	√		√	√	√	√	√
Roanoke County	√	√		√	√	√	√	√
Rockbridge County	√	√		√	√	√	√	√
Rockingham County	√	√		√	√	√	√	√
Rowanty Technical Center	—	—		—	√	√	✗	√
Russell County	√	√		√	√	√	√	√
Salem City	√	√		√	√	√	√	√
Scott County	√	√		√	√	√	√	√

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	Academic Achievement		*Technical Skills Attainment 81%	Secondary School Completion 79.5%	Graduation Rate 69%	Transition 79.5%	Nontrad Enrollment 17%	Nontrad Completion 13%
	English 88%	Mathematics 79%						
Shenandoah County	√	√		√	√	√	√	√
Smyth County	√	√		√	√	√	√	√
Southampton County	√	√		√	√	√	√	√
Spotsylvania County	√	√		√	√	√	√	√
Stafford County	√	√		√	√	√	√	√
Staunton City	√	√		√	√	√	√	√
Suffolk City	√	√		√	√	√	√	√
Surry County	√	√		√	√	√	√	√
Sussex County	√	√		√	√	√	√	√
Tazewell County	√	√		√	√	√	√	√
The Pruden Center	–	–		–	√	√	×	√
Valley Vocational Technical Center	–	–		–	√	√	×	√
Virginia Beach City	√	√		√	√	√	√	√
Warren County	√	√		√	√	√	√	×
Washington County	√	√		√	√	√	√	√
Waynesboro City	√	√		√	√	√	√	√
West Point	√	√		√	√	√	√	√
Westmoreland County	√	√		√	√	√	√	√
Williamsburg-James City County	√	√		√	√	√	√	√
Winchester City	√	√		√	√	√	√	√
Wise County	√	√		√	√	√	√	√
Wythe County	√	√		√	√	√	√	√
York County	√	√		√	√	√	√	√

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