

# High School Profile

## Arlington County Public Schools 2015-16

Research Report No. 64-17

Office of Institutional Effectiveness and Student Success Initiatives

JULY 2017

## NORTHERN VIRGINIA COMMUNITY COLLEGE

### OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS INITIATIVES

The purpose of the Office of Institutional Effectiveness and Student Success Initiatives is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

When citing data from this report, the Northern Virginia Community College (NOVA) Office of Institutional Effectiveness and Student Success Initiatives must be cited as the source.

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## High School Profile – Arlington Public Schools: 2015-16

This Report is part of a series of high school profile reports that present key demographic and college readiness statistics for each of the high schools in NOVA's service area. NOVA's service area includes the following jurisdictions: Alexandria City, Arlington County, Fairfax County, Falls Church City, Loudoun County, Manassas City, Manassas Park City, and Prince William County. This Report pertains to the Arlington Public Schools (APS) division. The definitions below provide an overview of the statistics that are presented in this Report.

**Number of Graduates and Completers:** Public high school and graduate completer data are collected on an annual basis during the fall. Graduates include those who received a diploma (standard, advanced studies, special, modified standard, or general achievement). Completers may receive a certificate, such as the General Educational Development (GED) Certificate. The data was retrieved from the Virginia Department of Education High School Graduates and Completers Report: <http://www.doe.virginia.gov>.

The following definitions were retrieved from the Virginia Department of Education (VA DOE) <http://schoolquality.virginia.gov>.

**Enrollment and Demographics:** Includes the number of students enrolled at each high school and key demographic information such as gender and race composition of the student body.

**SAT Scores:** Presents average SAT scores in each SAT section (critical reading, math, and writing) at the high school (College Board), public school division (College Board), and state levels ([VA DOE](#)).

**Standards of Learning (SOL):** The SOLs describe the Commonwealth's expectations for student learning. Virginia high school students are assessed in reading, writing, math, science, and history. The proportion of students who successfully passed standards of learning assessments are presented at the high school, public school division, and state levels.

**Absenteeism:** A student is considered chronically absent if he or she misses two or more instructional days per month (18 days, or 10 percent of a 180-day school year) regardless of whether the absences are excused or unexcused. According to the U.S. DOE, a student who is chronically absent in any year between eighth and twelfth grade is seven times more likely to drop out of school. This report presents the proportion of students who were chronically late. Data is presented at the high school, public school division, and state levels.

**Free and Reduced Meal Eligibility:** Students from families with incomes at or below 130 percent of the poverty level are eligible for free meals. Those between 130 percent and 180 percent of poverty level are eligible for reduced-price meals, for which students can be charged no more than 40 cents for lunch and 30 cents for breakfast. The proportion of free and reduced meal-eligible students is presented at the high school, public school division, and state levels.

**Advanced Placement Course Enrollment and Test Taking:** Advanced Placement (AP) courses are created by the College Board and offer college-level curricula and examinations to high school students. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations. The more challenging a student's high school curriculum, the more likely they are to persist at a post-secondary institution.<sup>1</sup> AP course enrollment is presented at the high school, public school division, and state levels.

**Dual Enrollment:** Dual Enrollment is an enrichment opportunity that allows high school students to earn college credits while still being enrolled in high school. Studies show that students who acquire college credits while in high school are more likely to graduate and continue their education beyond high school. The rate of dual enrollment is presented at the high school, public school division, and state levels.

**On-time Graduation Rate within Four Years:** On-time graduates are students who earn high school diplomas within four years of entering the ninth grade. The on-time graduation rate is presented at the high school, public school division, and state levels.

**Postsecondary Enrollment:** Postsecondary enrollment shows the number and percent of Virginia high school graduates who enrolled in an institution of higher education within sixteen months of graduating from high school in 2013-14. The postsecondary enrollment rate is presented at the high school, public school division, and state levels.

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<sup>1</sup> Warburton, E. C., Bugarin, R., & Nunez, A. M. (2001). Bridging the Gap: Academic Preparation and Postsecondary Success of First-Generation Students. Statistical Analysis Report. Postsecondary Education Descriptive Analysis Reports.

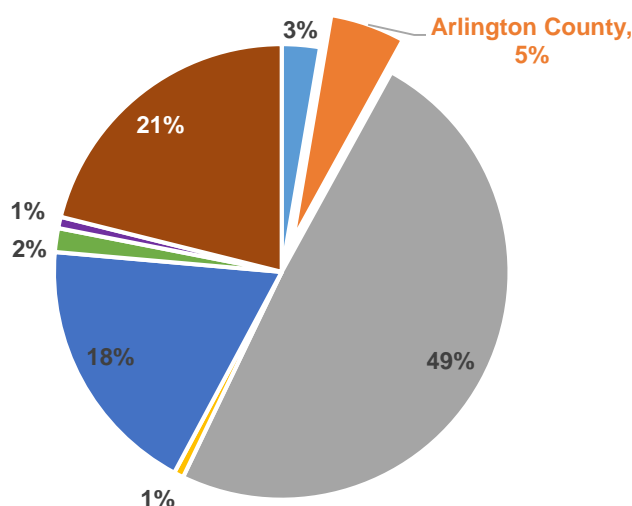
## Inter-Division Snapshot

### Graduates and Completers

In 2015-16, there were 27,243 graduates and completers in NOVA's service area. Arlington Public Schools (APS) generated 5 percent of these graduates.

**Figure 1. Graduates and Completers in NOVA's Service Area by Division: 2015-16**

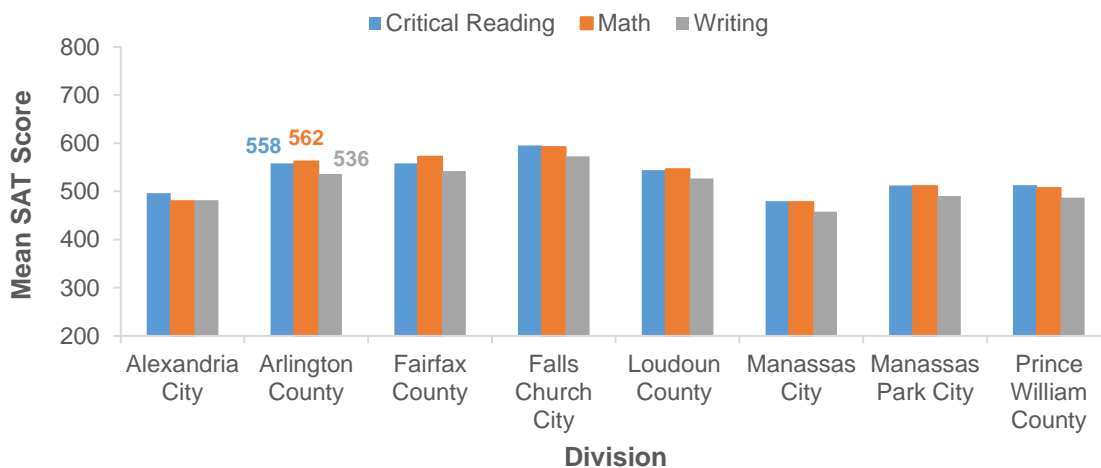
- Alexandria City
- Arlington County
- Fairfax County
- Falls Church City
- Loudoun County
- Manassas City
- Manassas Park City
- Prince William County



### Mean SAT Scores

In NOVA's service area, APS students had the third highest average SAT scores in 2016. Average SAT scores across all sections were higher than the state averages (see Figure 7: Critical Reading – 516, Math – 513, Writing – 493).

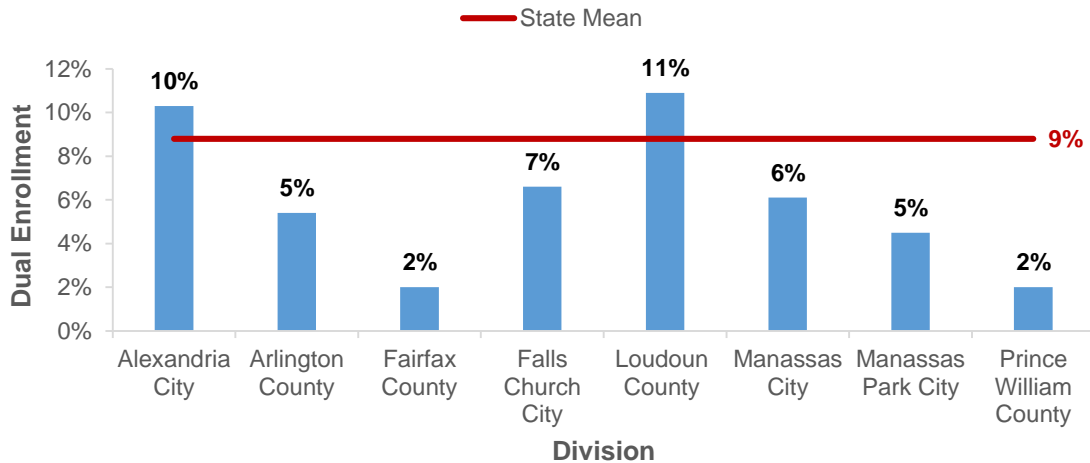
**Figure 2. Mean SAT Scores by Division: 2016**



### Dual Enrollment

In Virginia, 9 percent of students were dual enrolled in 2015-16. The APS division had a relatively low proportion of students dual enrolled in 2015-16 (5 percent).

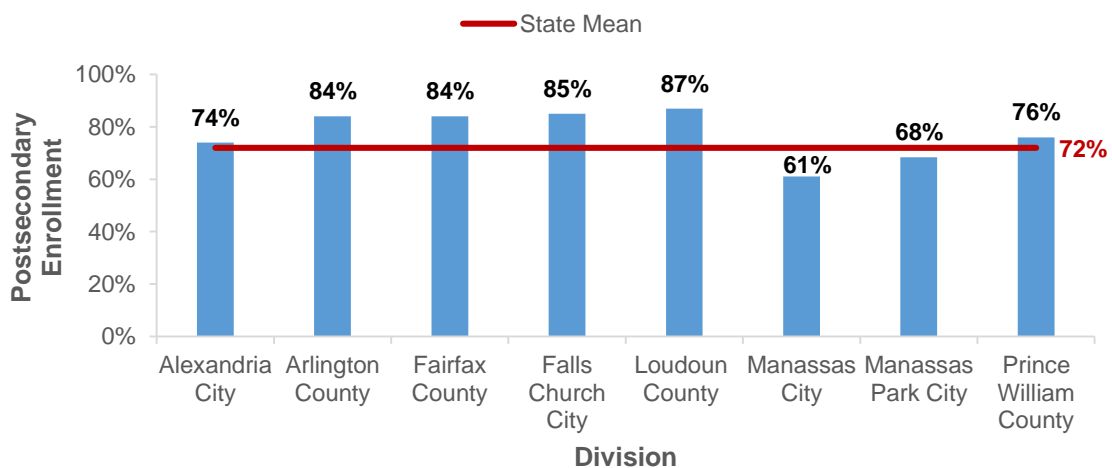
**Figure 3. Proportion of Dual Enrollment Students by Division: 2015-16**



### Postsecondary Enrollment

Postsecondary enrollment pertains to the proportion of high school graduates who enrolled at a two- or four-year institution within sixteen months of graduating in 2013-14. Statewide, 72 percent of the 2013-14 graduate cohort enrolled at a postsecondary institution by 2016. In the APS division, the postsecondary enrollment rate was 84 percent.

**Figure 4. Rate of Postsecondary Enrollment by Division: 2013-14 Graduate Cohort**





## Arlington Public Schools

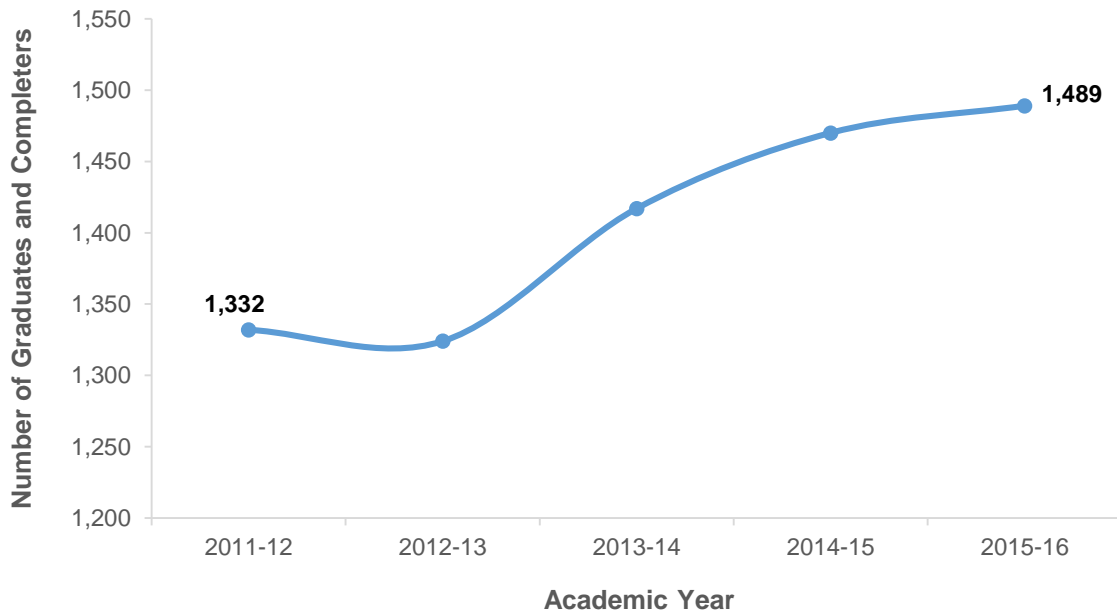
In the Arlington Public Schools (APS) division, the number of high school graduates and completers has trended slightly upwards from 2011-12 to 2015-16 (8 percent increase).

Students in the division overall passed each subject of the Virginia Standards of Learning assessments at higher rates than students in Virginia overall. In comparison to outcomes in the state of Virginia overall, APS also had a lower rate of absenteeism (6 percent compared to 11 percent), a higher rate of advanced course enrollment (37 percent compared to 21 percent), and a higher rate of postsecondary enrollment (84 percent compared to 72 percent).

**Table 1. Arlington Public Schools Graduates and Completers by High School:  
2011-12 through 2015-16**

High School	2011-12	2012-13	2013-14	2014-15	2015-16	Change from 2011-12
Arlington Community	-	42	49	32	53	-
Wakefield	350	343	359	428	437	24.9%
Washington-Lee	501	495	551	480	545	8.8%
Yorktown	481	444	458	530	454	-5.6%
<b>Total</b>	<b>1,332</b>	<b>1,324</b>	<b>1,417</b>	<b>1,470</b>	<b>1,489</b>	<b>7.8%</b>

**Figure 5. Arlington Public Schools Graduates and Completers:  
2011-12 through 2015-16**



**School: Arlington Community High School**

**Table 2. Arlington Community High School Graduates and Completers:  
2011-12 through 2015-16**

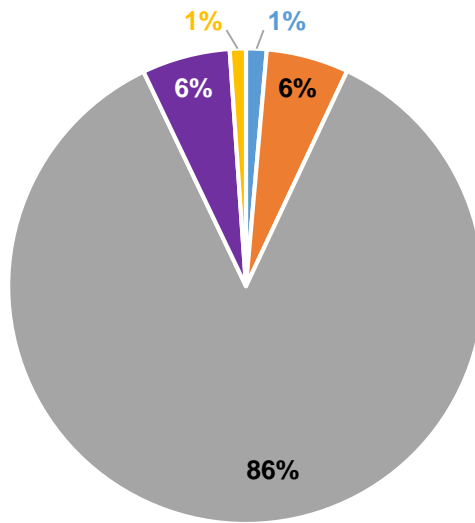
High School	2011-12	2012-13	2013-14	2014-15	2015-16	Change from 2011-12
Arlington Community	-	42	49	32	53	-

**Table 3. Arlington Community High School Student Enrollment by Gender: 2015-16**

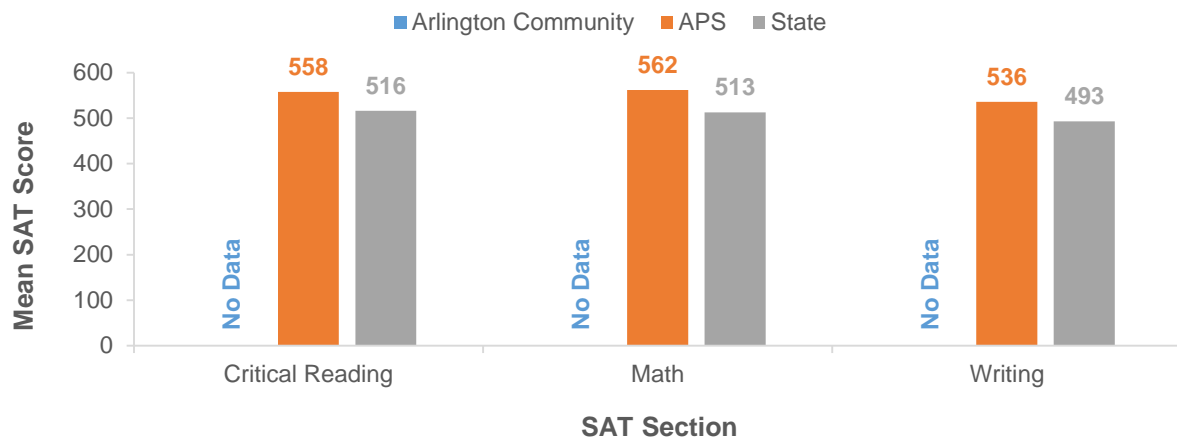
High School	HS Enrollment 2015-16	Male		Female	
		#	%	#	%
Arlington Community	285	174	61.1%	111	38.9%

**Figure 6. Arlington Community High School Student Enrollment by Race/Ethnicity:  
2015-16**

■ White   
 ■ Black   
 ■ Hispanic   
 ■ Asian   
 ■ American Indian



**Figure 7. Arlington Community High School Students' Mean SAT Scores: 2016**



**Table 4. Arlington Community High School Students' Virginia Standards of Learning (SOL) Assessments: 2015-16**

Subject	Passed (Proficient or Advanced Levels)		
	Arlington Community	Arlington Public Schools	State
Reading	62%	87%	80%
Writing	73%	85%	77%
Math	70%	86%	80%
Science	64%	86%	83%
History	59%	88%	86%

**Table 5. Arlington Community High School Student Characteristics: 2015-16**

Characteristics	Arlington Community	Arlington Public Schools	State
Students Absent for >10% of School Year	60.2%	6.4%	11.1%
Free and Reduced Meal Eligibility	18.2%	30.1%	41.9%
Advance Placement Course Enrollment	-	36.9%	21.3%
Advance Placement Test Taken	-	36.9%	16.4%
Dual Enrollment	1.8%	5.4%	8.8%
On-Time Graduation Rate within Four Years	27.3%	91.1%	91.4%
Postsecondary Enrollment*	-	83.9%	71.9%

\*2013-14 Graduate Cohort's Postsecondary Enrollment

**School: Wakefield High School**

**Table 6. Wakefield High School Graduates and Completers: 2011-12 through 2015-16**

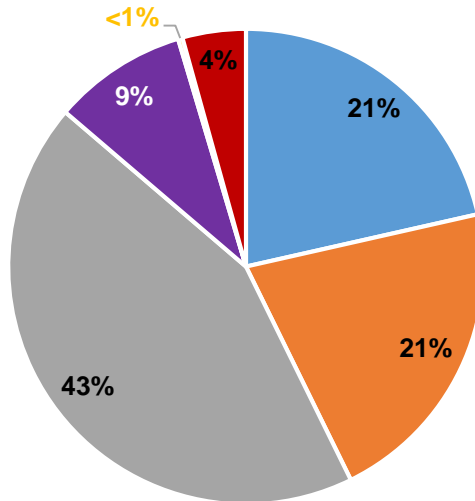
High School	2011-12	2012-13	2013-14	2014-15	2015-16	Change from 2011-12
Wakefield	350	343	359	428	437	24.9%

**Table 7. Wakefield High School Student Enrollment by Gender: 2015-16**

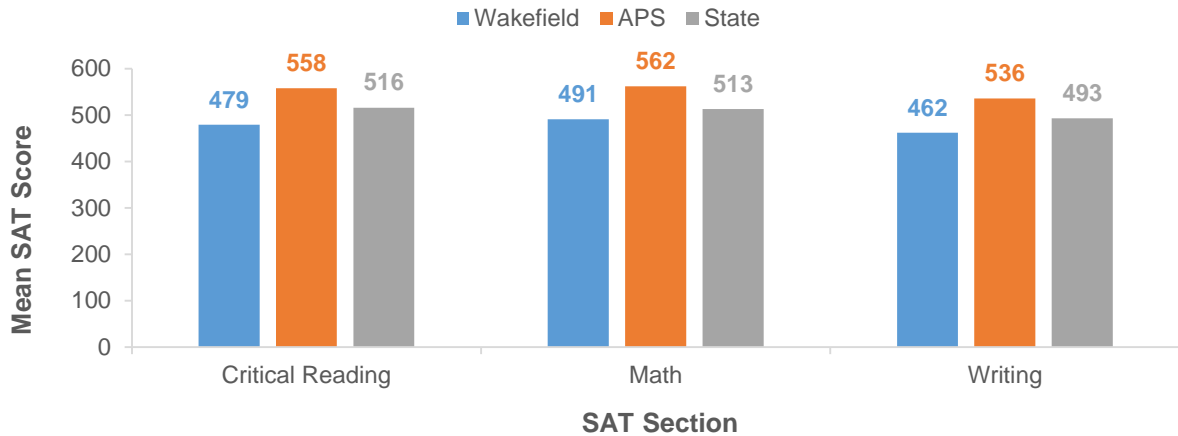
High School	HS Enrollment 2015-16	Male		Female	
		#	%	#	%
Wakefield	1,962	1,052	53.6%	910	46.4%

**Figure 8. Wakefield High School Student Enrollment by Race/Ethnicity: 2015-16**

■ White   
 ■ Black   
 ■ Hispanic   
 ■ Asian   
 ■ American Indian   
 ■ Two or More Races



**Figure 9. Wakefield High School Students' Mean SAT Scores: 2016**



**Table 8. Wakefield High School Students' Virginia Standards of Learning (SOL) Assessments: 2015-16**

Subject	Passed (Proficient or Advanced Levels)		
	Wakefield	Arlington Public Schools	State
Reading	82%	87%	80%
Writing	80%	85%	77%
Math	81%	86%	80%
Science	82%	86%	83%
History	82%	88%	86%

**Table 9. Wakefield High School Student Characteristics: 2015-16**

Characteristics	Wakefield	Arlington Public Schools	State
Students Absent for >10% of School Year	16.2%	6.4%	11.1%
Free and Reduced Meal Eligibility	46.0%	30.1%	41.9%
Advance Placement Course Enrollment	27.4%	36.9%	21.3%
Advance Placement Test Taken	27.4%	36.9%	16.4%
Dual Enrollment	1.5%	5.4%	8.8%
On-Time Graduation Rate within Four Years	88.1%	91.1%	91.4%
Postsecondary Enrollment*	81.7%	83.9%	71.9%

\*2013-14 Graduate Cohort's Postsecondary Enrollment

**School: Washington-Lee High School**

**Table 10. Washington-Lee High School Graduates and Completers: 2011-12 through 2015-16**

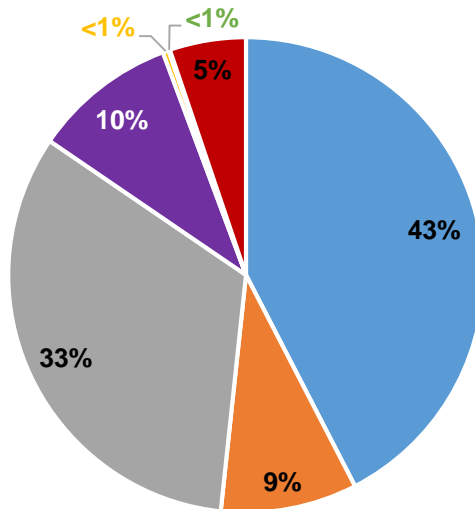
High School	2011-12	2012-13	2013-14	2014-15	2015-16	Change from 2011-12
Washington-Lee	501	495	551	480	545	8.8%

**Table 11. Washington-Lee High School Student Enrollment by Gender: 2015-16**

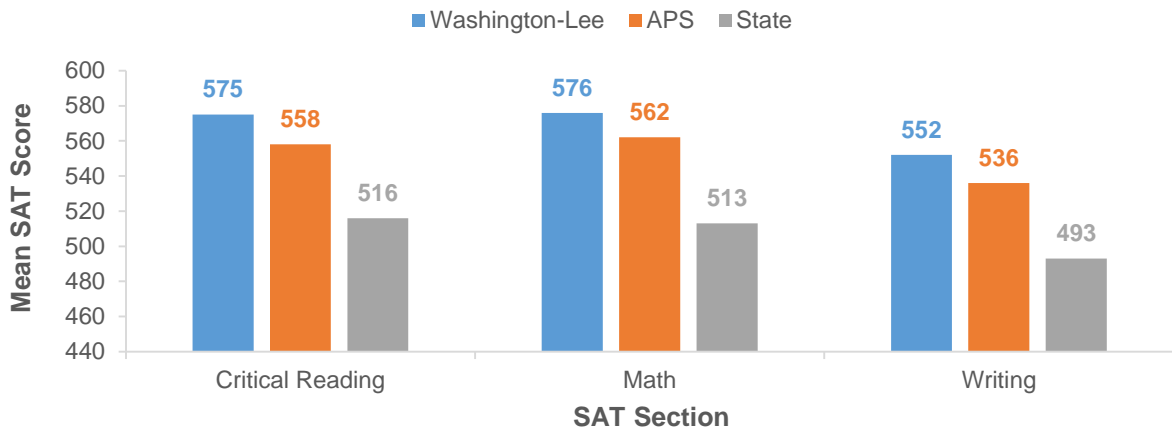
High School	HS Enrollment 2015-16	Male		Female	
		#	%	#	%
Washington-Lee	2,458	1,269	51.6%	1,189	48.4%

**Figure 10. Washington-Lee High School Student Enrollment by Race/Ethnicity: 2015-16**

■ White ■ Black ■ Hispanic ■ Asian ■ American Indian ■ Native Hawaiian ■ Two or More Races



**Figure 11. Washington-Lee High School Students' Mean SAT Scores: 2016**



**Table 12. Washington-Lee High School Students' Virginia Standards of Learning (SOL) Assessments: 2015-16**

Subject	Passed (Proficient or Advanced Levels)		
	Washington-Lee	Arlington Public Schools	State
Reading	92%	87%	80%
Writing	89%	85%	77%
Math	86%	86%	80%
Science	89%	86%	83%
History	85%	88%	86%

**Table 13. Washington-Lee High School Student Characteristics: 2015-16**

Characteristics	Washington-Lee	Arlington Public Schools	State
Students Absent for >10% of School Year	9.0%	6.4%	11.1%
Free and Reduced Meal Eligibility	31.2%	30.1%	41.9%
Advance Placement Course Enrollment	42.6%	36.9%	21.3%
Advance Placement Test Taken	42.6%	36.9%	16.4%
Dual Enrollment	4.1%	5.4%	8.8%
On-Time Graduation Rate within Four Years	94.8%	91.1%	91.4%
Postsecondary Enrollment*	83.8 %	83.9%	71.9%

\*2013-14 Graduate Cohort's Postsecondary Enrollment

**School: Yorktown High School**

**Table 14. Yorktown High School Graduates and Completers: 2011-12 through 2015-16**

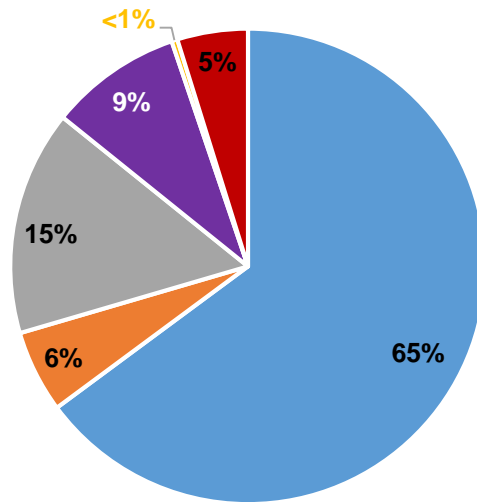
High School	2011-12	2012-13	2013-14	2014-15	2015-16	Change from 2011-12
Yorktown	481	444	458	530	454	-5.6%

**Table 15. Yorktown High School Student Enrollment by Gender: 2015-16**

High School	HS Enrollment 2015-16	Male		Female	
		#	%	#	%
Yorktown	1,947	1,020	52.4%	927	47.6%

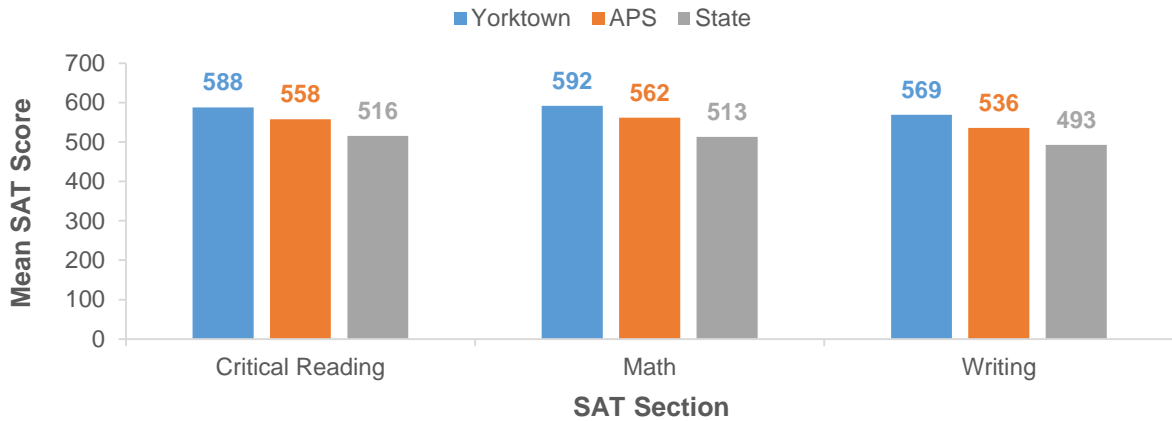
**Figure 12. Yorktown High School Student Enrollment by Race/Ethnicity: 2015-16**

■ White   
 ■ Black   
 ■ Hispanic   
 ■ Asian   
 ■ American Indian   
 ■ Two or More Races





**Figure 13. Yorktown High School Students' Mean SAT Scores: 2016**



**Table 16. Yorktown High School Students' Virginia Standards of Learning (SOL) Assessments: 2015-16**

Subject	Passed (Proficient or Advanced Levels)		
	Yorktown	Arlington Public Schools	State
Reading	96%	87%	80%
Writing	93%	85%	77%
Math	87%	86%	80%
Science	92%	86%	83%
History	93%	88%	86%

**Table 17. Yorktown High School Student Characteristics: 2015-16**

Characteristics	Yorktown	Arlington Public Schools	State
Students Absent for >10% of School Year	7.6%	6.4%	11.1%
Free and Reduced Meal Eligibility	14.4%	30.1%	41.9%
Advance Placement Course Enrollment	44.8%	36.9%	21.3%
Advance Placement Test Taken	44.7%	36.9%	16.4%
Dual Enrollment	1.0%	5.4%	8.8%
On-Time Graduation Rate within Four Years	97.0%	91.1%	91.4%
Postsecondary Enrollment*	86.1%	83.9%	71.9%

\*2013-14 Graduate Cohort's Postsecondary Enrollment

## ***NOVA Mission and Strategic Goals***

### ***Mission***

With commitment to the values of access, opportunity, student success, and excellence, the mission of Northern Virginia Community College is to deliver world-class in-person and online post-secondary teaching, learning, and workforce development to ensure our region and the Commonwealth of Virginia have an educated population and globally competitive workforce.

### **Strategic Goals**

- I. **STUDENT SUCCESS** – Northern Virginia Community College will move into the top tier of community colleges with respect to the college readiness, developmental course completion, retention, graduation, transfer, and career placement of its students.
- II. **ACCESS** – Northern Virginia Community College will increase the number and diversity of students being served to mirror the population growth of the region.
- III. **TEACHING AND LEARNING** – Northern Virginia Community College will focus on student success by creating an environment of world-class teaching and learning.
- IV. **EXCELLENCE** – Northern Virginia Community College will develop ten focal points of excellence in its educational programs and services that will be benchmarked to the best in the nation and strategic to building the College's overall reputation for quality.
- V. **LEADERSHIP** – Northern Virginia Community College will serve as a catalyst and a leader in developing educational and economic opportunities for all Northern Virginians and in maintaining the quality of life and economic competitiveness of the region.
- VI. **PARTNERSHIPS** – Northern Virginia Community College will develop strategic partnerships to create gateways of opportunity and an integrated educational system for Northern Virginians who are pursuing the American Dream.
- VII. **RESOURCES** – Northern Virginia Community College will increase its annual funding by \$100 million and expand its physical facilities by more than one million square feet in new and renovated space. This includes the establishment of two additional campuses at epicenters of the region's population growth, as well as additional education and training facilities in or near established population centers.
- VIII. **EMERGENCY PREPAREDNESS AND CONTINUITY OF OPERATIONS** – Northern Virginia Community College will be recognized as a leader among institutions of higher education in Virginia for its development and testing of emergency response and continuity of operation plans.

# NOVA

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Community College**

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