

# Conversion Rate and Success Outcomes of Contract Dual Enrollment Students at NOVA: 2013-14 through 2017-18

Research Report No. 102-20

Office of Institutional Effectiveness and Student Success  
OCTOBER 2020

**NORTHERN VIRGINIA COMMUNITY COLLEGE**

**OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS**

The purpose of the Office of Institutional Effectiveness and Student Success 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.

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## Introduction

Northern Virginia Community College (NOVA) offers several dual enrollment opportunities to high school and homeschooled students in its service area region. Dual enrollment is a simultaneous enrollment program that allows students to earn college credit while still enrolled in high school. Research shows that students who participate in dual enrollment courses while enrolled in high school are more likely to graduate from high school, enroll in college, and graduate from college with a degree or credential.<sup>1</sup>

### In This Report

This report shows the percentage of contract dual enrollment students who subsequently enroll at NOVA under a non-dual enrollment plan (referred to as the “conversion rate” in this report<sup>2</sup>). Additionally, this report shows the graduation and transfer-out rates of the population of former dual enrollment students who subsequently enrolled at NOVA. Such an analysis allows the College to better understand the number and types of dual enrollment students who enroll at NOVA and how well they fare in terms of longer-term academic success.

### Key Findings

The enrollment of students in contract dual enrollment courses has increased substantially at NOVA over the past five fall terms. While many of these students go on to enroll at four-year institutions following graduation from high school, many choose to re-enroll at NOVA under a non-dual enrollment plan.

- From 2013-14 to 2017-18, the number of contract dual enrollment students who subsequently enrolled at NOVA under a non-dual enrollment plan has increased by over 160 percent. However, the *proportion* of contract dual enrollment students who enrolled at NOVA has decreased from 36 to 23 percent.
- The conversion rate (e.g., percentage of contract dual enrollment students who enroll at NOVA) was highest among male students, Hispanic/Latino students, and first generation students, compared to their respective counterparts.
- Among contract dual enrollment students who subsequently enrolled at NOVA, the graduation rate (34 percent) was substantially higher than the College-wide graduation rate (27 percent) for a comparable cohort.
- Among contract dual enrollment students who subsequently enrolled at NOVA, the transfer-out rate (18 percent) was slightly higher than the College-wide transfer-out rate (17 percent) for a comparable cohort.

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<sup>1</sup> (2020). *The Dual Enrollment Playbook: A Guide to Equitable Acceleration for Students*. The Aspen Institute and the Community College Research Center.

<sup>2</sup> The conversion rate is the percentage of high school students who enroll in at least one dual enrollment course and who subsequently enroll at NOVA under a non-dual enrollment plan within two years of enrollment in a dual enrollment course.

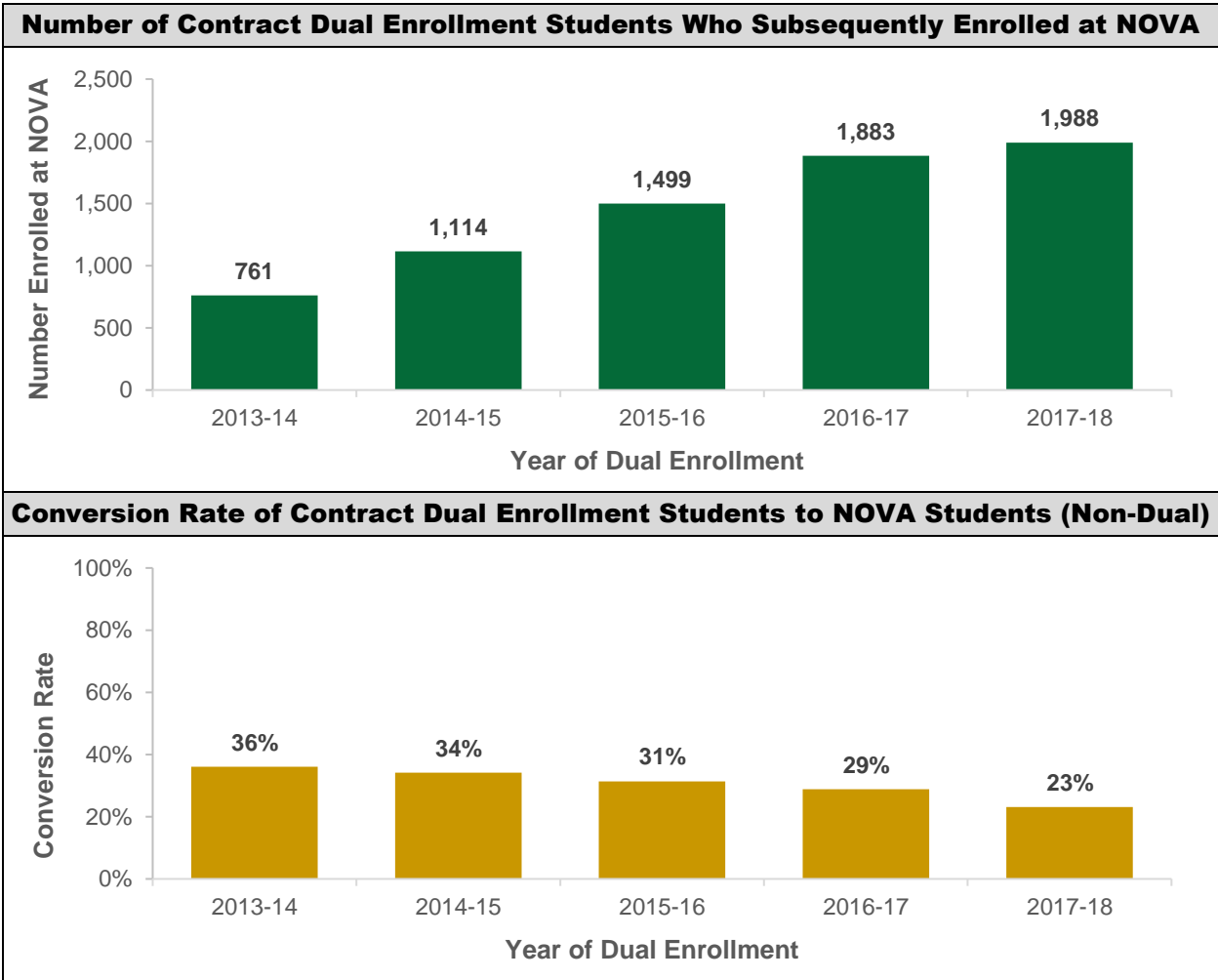
**Section I. Conversion Rate of Contract Dual Enrollment Students**

This section presents information regarding the conversion rates of students who were enrolled in a contract dual enrollment course during the 2013-14 through 2017-18 academic years. For this report, the conversion rate was calculated as the percentage of students who enrolled in a contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years.

**College-wide Conversion Rates of Contract Dual Enrollment Students**

Among students enrolled in contract dual enrollment courses from 2013-14 to 2017-18, the number who subsequently enrolled at NOVA under a non-dual enrollment plan increased over by over 160 percent. However, this increase was not proportional to the increase of all dual enrollment students, as evidenced by the decreasing conversion rate. The conversion rate shows that a smaller proportion of contract dual enrollment students in 2017-18 enrolled at NOVA compared to those five years ago (23 versus 36 percent).

**Figure 1. Contract Dual Enrollment Students Who Graduated and Subsequently Enrolled as a Non-Dual Student at NOVA: 2013-14 through 2017-18 (Year of Dual Enrollment)**



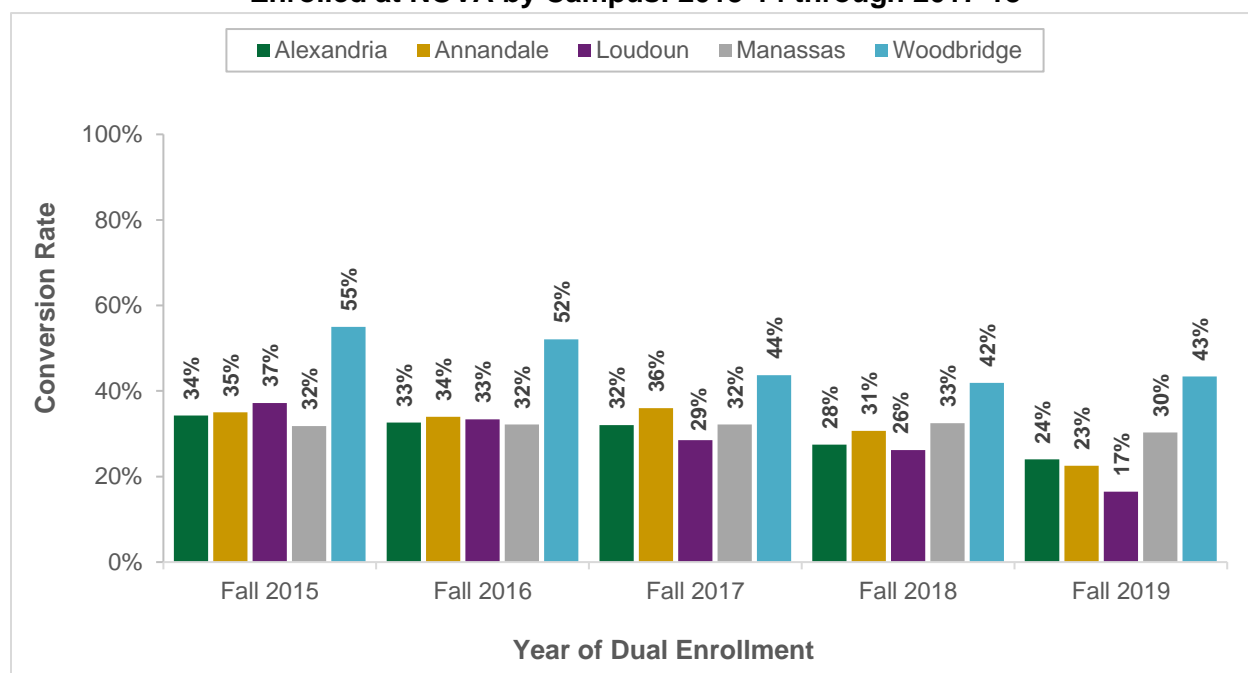
Note: Enrollment at NOVA within two years. Year indicated is the year in which the student was enrolled in a dual enrollment course.

## Conversion Rate by Dual Enrollment Home Campus

Figure 2, below, shows the percentage of contract dual enrollment students who subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in a contract dual enrollment course (referred to in this report as the “conversion rate”). Data are presented by the student’s home campus at the time of enrollment in the dual enrollment course.<sup>3</sup>

Among students enrolled in contract dual enrollment courses from 2013-14 to 2017-18, the conversion rate was highest among students who listed the Woodbridge Campus as their home campus (43 percent in 2017-18). Conversely, the lowest conversion rate was among contract dual enrollment students from the Loudoun Campus (17 percent enrolled at NOVA).

**Figure 2. Conversion Rate of Former Contract Dual Enrollment Enrolled at NOVA by Campus: 2013-14 through 2017-18**



Note: Enrollment at NOVA within two years. Year indicated is the year in which the student was enrolled in a dual enrollment course. Campus indicated is the student's home campus at the time of enrollment in the dual enrollment course.

## Conversion Rate by Select Student Characteristics

Figures 3 through 6, on the following pages, show the conversion rate of contract dual enrollment students by select student characteristics, including gender, race/ethnicity, student type and first generation status.<sup>4</sup>

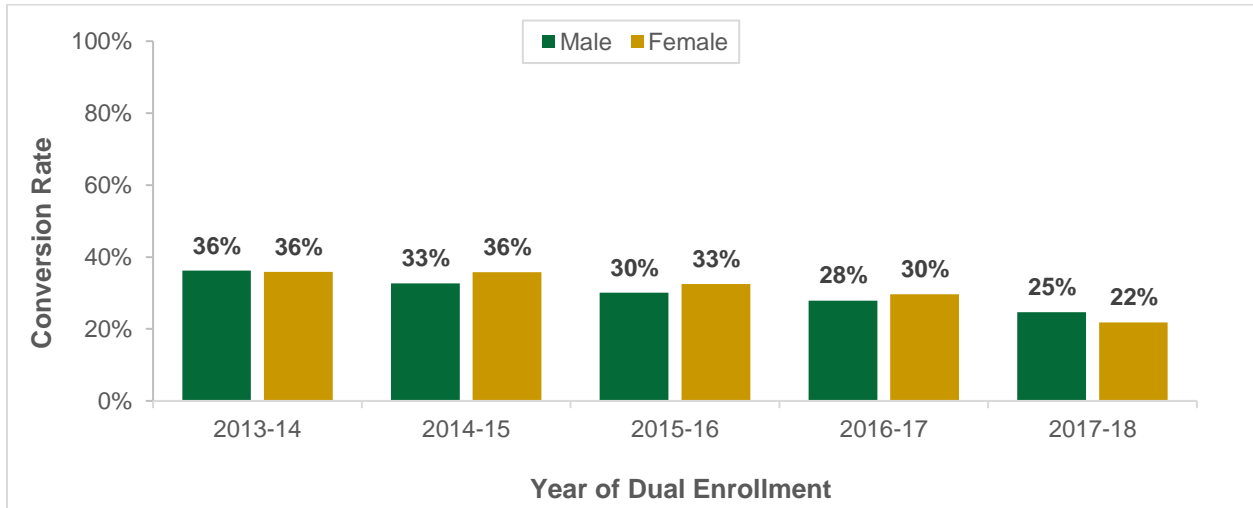
<sup>3</sup> Campus is assigned based on the student’s home campus at the time of initial enrollment in a contract dual enrollment course, regardless of the affiliated campus of the dual enrollment course in which they were enrolled. For most students, their selected home campus is the same campus as the dual enrollment course campus in which they were enrolled. While contract dual enrollment courses are offered on-site at area high schools, each course has an affiliated NOVA campus.

<sup>4</sup> Although OIR typically includes data disaggregated by age group, the vast majority of dual enrollment students were aged 18 or younger due to the nature of the program. Therefore, an analysis by age group was not included in this report.



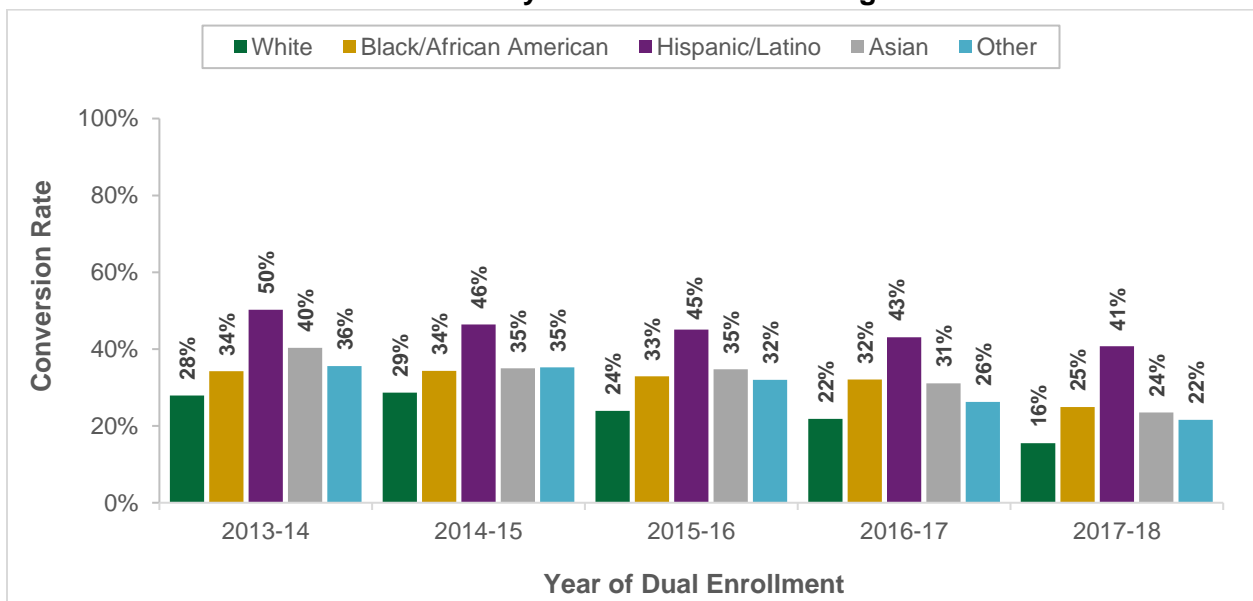
**Gender:** Among contract dual enrollment students in 2017-18, a higher percentage of male students than female students subsequently enrolled at NOVA within two years (25 versus 22 percent). However, from 2013-14 to 2017-18, the conversion rate has declined for both male and female contract dual enrollment students.

**Figure 3. Conversion Rate of Former Contract Dual Enrollment Enrolled at NOVA by Gender: 2013-14 through 2017-18**



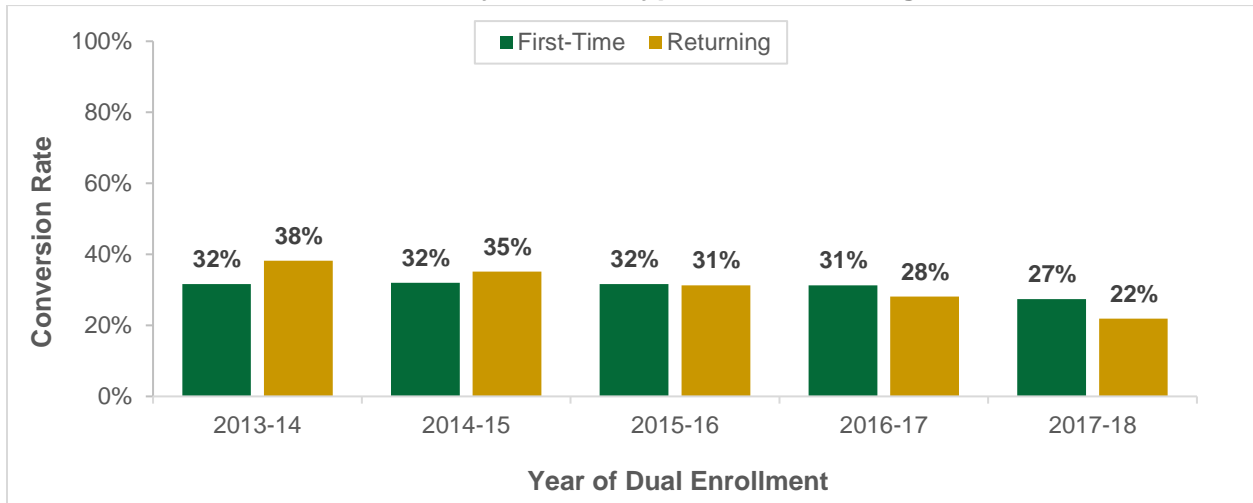
**Race/Ethnicity:** Among contract dual enrollment students in 2017-18, the conversion rate was highest among Hispanic/Latino students (41 percent) and lowest among white students, suggesting minority dual enrollment students are more likely to subsequently enroll at NOVA. However, among contract dual enrollment students, the conversion rate declined for students of all racial/ethnic groups from 2013-14 to 2017-18.

**Figure 4. Conversion Rate of Former Contract Dual Enrollment Enrolled at NOVA by Gender: 2013-14 through 2017-18**



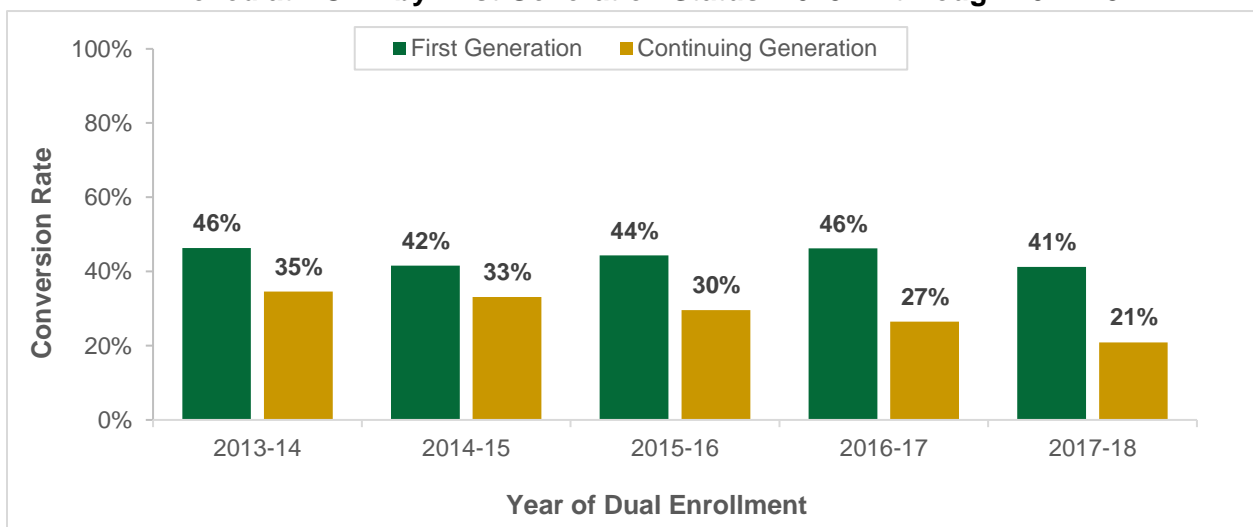
**Student:** Among contract dual enrollment students in 2017-18, a higher percentage of first-time students than returning students (i.e., students who enrolled in contract dual enrollment across multiple terms) subsequently enrolled at NOVA within two years (27 versus 22 percent). However, from 2013-14 to 2017-18, the conversion rate has declined for both first-time and returning contract dual enrollment students.

**Figure 5. Conversion Rate of Former Contract Dual Enrollment Enrolled at NOVA by Student Type: 2013-14 through 2017-18**



**First Generation Status:** Among contract dual enrollment students in 2017-18, a substantially higher percentage of first generation students subsequently enrolled at NOVA within two years compared to continuing generation students (41 versus 21 percent). Despite recent declines in dual enrollment among first generation students, this suggests these students are more likely to enroll at NOVA after high school graduation compared to their counterparts.

**Figure 6. Conversion Rate of Former Contract Dual Enrollment Enrolled at NOVA by First Generation Status: 2013-14 through 2017-18**



## Section II. Graduation Rate of Former Contract Dual Enrollment Students

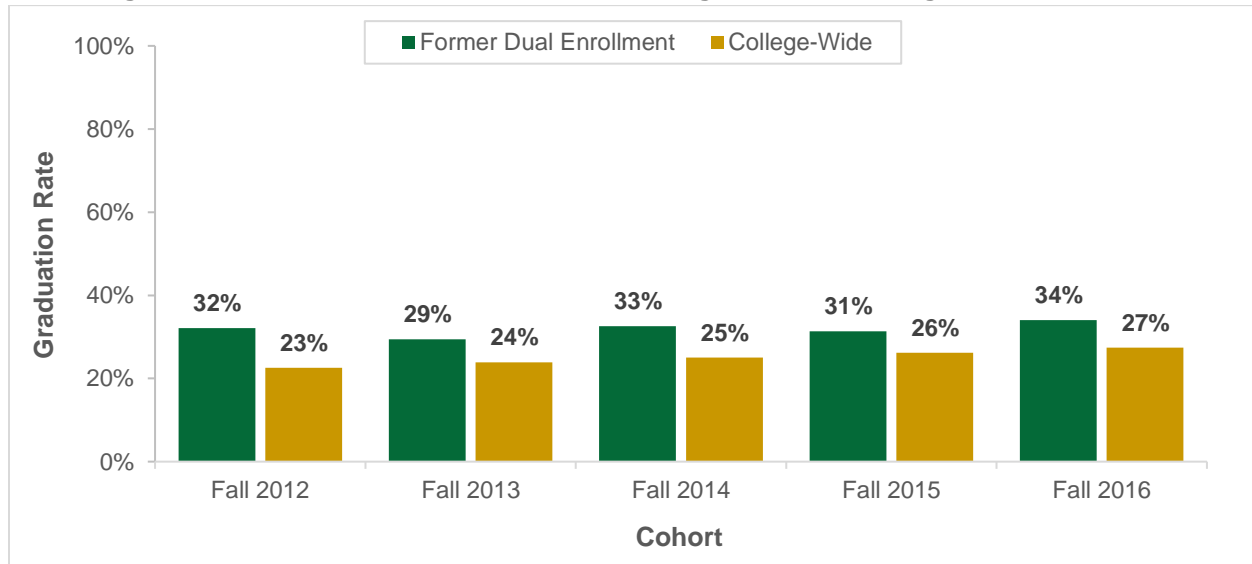
This section presents information regarding the graduation rate of NOVA's population of former contract dual enrollment students (e.g., current NOVA students who had previously enrolled in at least one contract dual enrollment course while in high school).<sup>5</sup> For this report, the graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

### Graduation Rate of Former Dual Enrollment Students

Among former dual enrollment students who enrolled at NOVA from Fall 2012 through Fall 2016, the graduation rates increased slightly (from 32 for the Fall 2012 cohort to 34 percent for the Fall 2016 cohort).

Moreover, the graduation rate of former dual enrollment students was higher than the College-wide graduation rate.<sup>6</sup> Among the Fall 2016 cohorts, 27 percent of students College-wide graduated from NOVA within 150 percent of normal time, while 34 percent of former dual enrollment students graduated within this time frame.

**Figure 7. Graduation Rate of Former Contract Dual Enrollment Students versus College-Wide Graduation Rate: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

<sup>5</sup> Contract dual enrollment refers to students who were enrolled in dual enrollment courses on-site at area high schools. Contract dual enrollment courses are offered through a contract with partner school districts. The majority of NOVA's dual enrollment population are enrolled in contract dual enrollment courses.

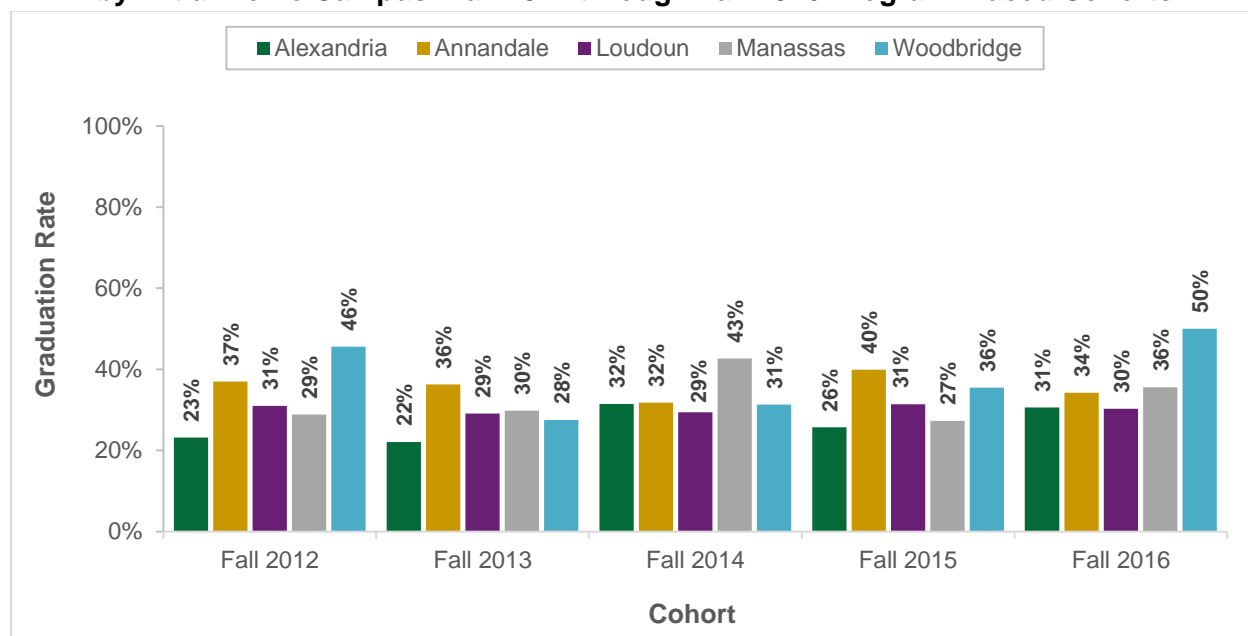
<sup>6</sup> Data for the College-wide graduation rate includes first-time in college, full-time, program placed students. While data for the dual enrollment population includes both full-time and part-time students, the data are otherwise comparable.

## Graduation Rate by Initial Home Campus

Figure 8, below, shows the graduation rate of five entering cohorts of former dual enrollment students by initial home campus (e.g., their indicated campus when they initially enrolled at NOVA under a non-dual enrollment plan).<sup>7</sup>

Among the Fall 2012 through Fall 2016 entering cohorts of former dual enrollment students, the graduation rate increased or remained about the same at all campuses except Annandale (where it decreased 3 percentage points). Among the Fall 2016 cohort of former dual-enrollment, program placed students, the graduation rate was highest among students who listed the Woodbridge Campus as their home campus (50 percent of former dual enrollment students graduated from NOVA).

**Figure 8. Graduation Rate of Former Contract Dual Enrollment Students by Initial Home Campus: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Campus indicated is the student's home campus. Graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

## Graduation Rate by Select Student Characteristics

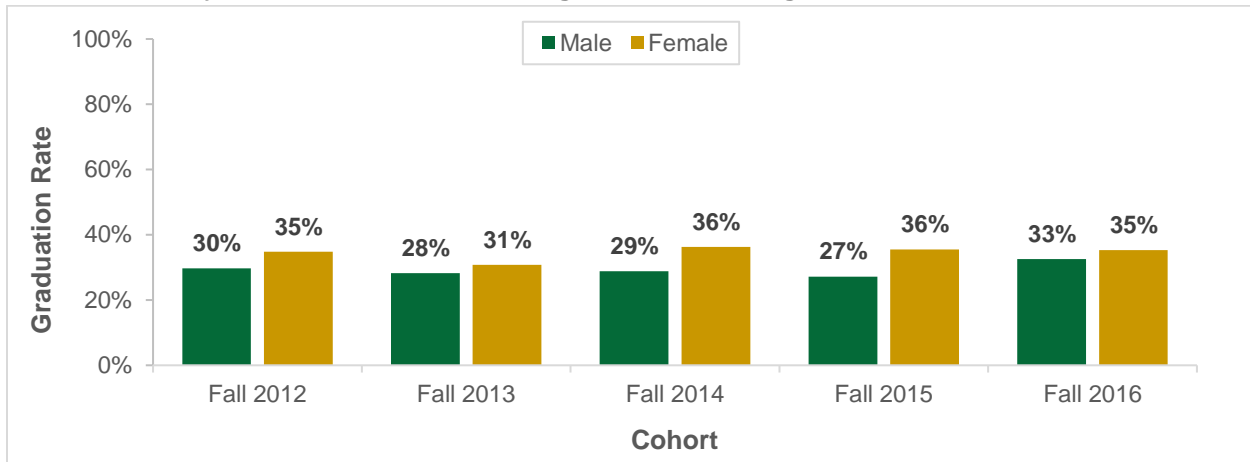
Figures 9 through 11, on the following pages, show the graduation rate of former contract dual enrollment students who subsequently enrolled at NOVA under a non-dual enrollment plan. Data are disaggregated by select student characteristics, including gender, race/ethnicity, and first generation status.<sup>8</sup>

<sup>7</sup> Campus is assigned based on the student's home campus at the time of initial enrollment at NOVA under a non-dual enrollment plan, regardless of the campus(es) at which they took courses.

<sup>8</sup> Although OIR typically includes data disaggregated by age group, the vast majority of dual enrollment students were aged 18-21 or due to the nature of the program. Therefore, an analysis by age group was not included in this report.

**Gender:** Among the Fall 2016 cohort of former dual enrollment, program placed students, a higher percentage of female students than male students graduated from NOVA with a degree or credential (35 versus 33 percent).

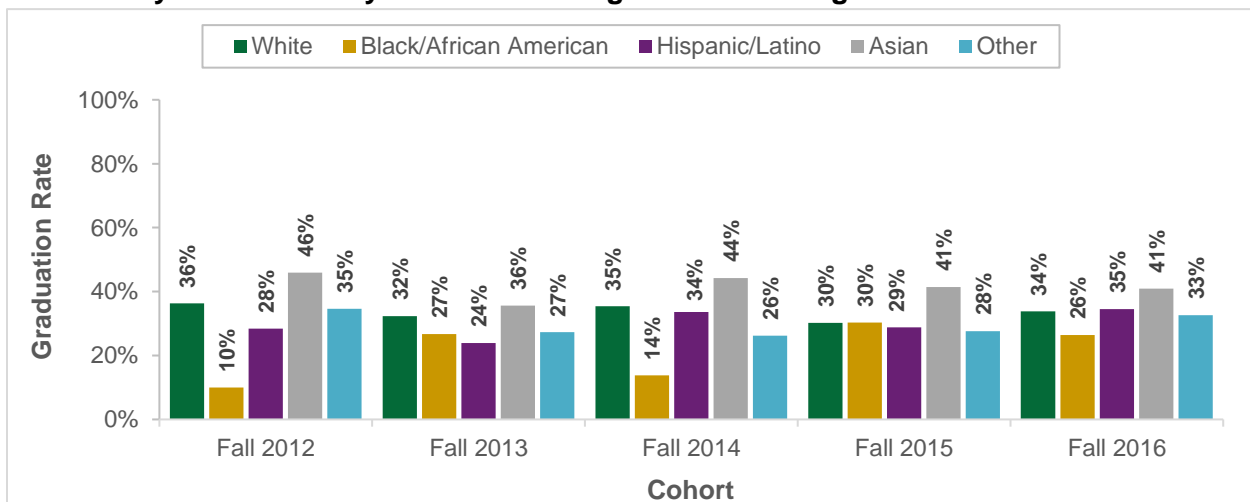
**Figure 9. Graduation Rate of Former Contract Dual Enrollment Students by Gender: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

**Race/Ethnicity:** Among the Fall 2016 cohort of former dual enrollment, program placed students, the graduation rate was the highest among Asian students (41 percent) and lowest among Black/African American students (26 percent).

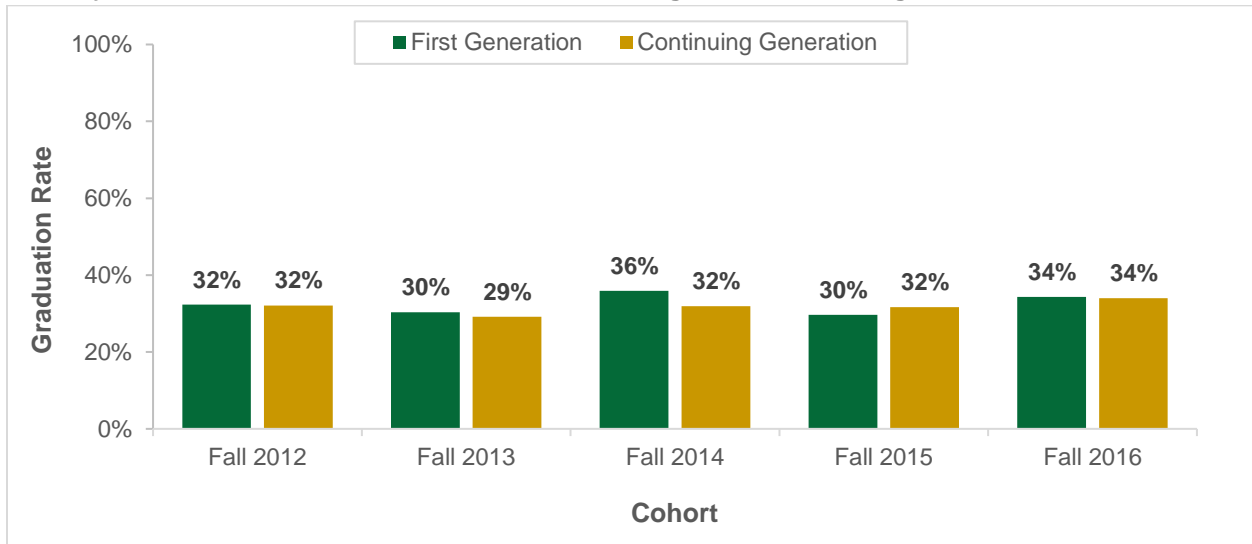
**Figure 10. Graduation Rate of Former Contract Dual Enrollment Students by Race/Ethnicity: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. 'Other' includes American Indian/Alaska Native, Native Hawaiian/Other Pacific Islander, Two or More Races/Ethnicities, Unknown, and Not Specified. Graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

**First Generation Status:** Among the Fall 2016 cohort of former dual enrollment, program placed students, the graduation rate was the same for both first generation and continuing generation students (34 percent). However, due to the small number of former dual enrollment students who are the first in their family to attend college, data for the first generation population should be interpreted with caution.

**Figure 11. Graduation Rate of Former Contract Dual Enrollment Students by First Generation Status: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. First Generation refers to students who indicated that neither of their parents attended any postsecondary institution. Graduation rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and graduated with a degree or credential within 150 percent of normal time to program completion.

### Section III. Transfer-Out Rate of Former Contract Dual Enrollment Students

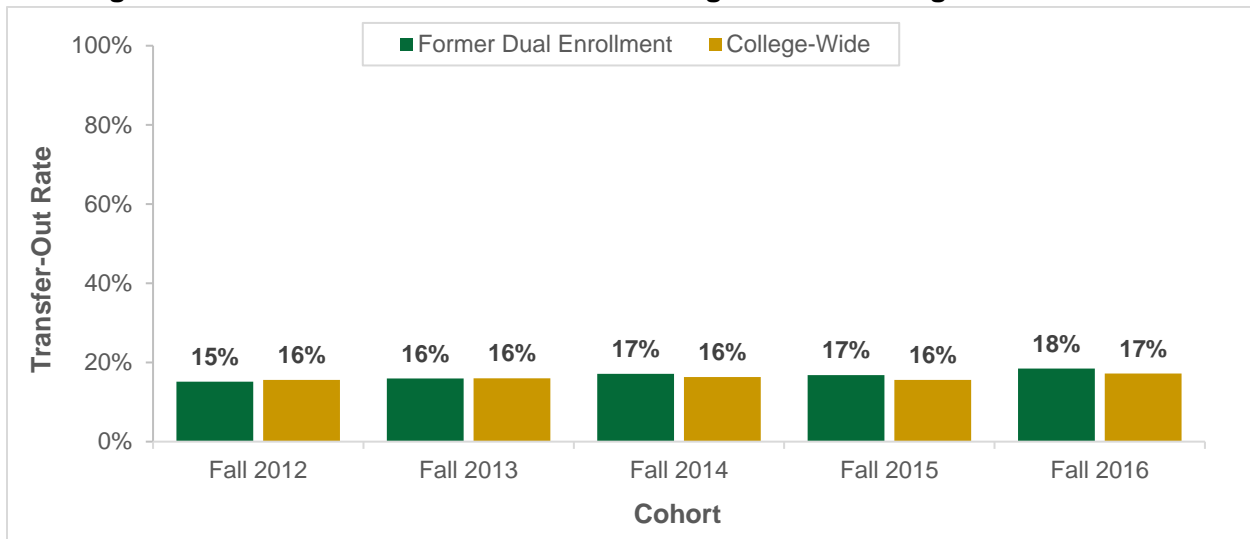
This section presents information regarding the transfer-out rate of NOVA's population of former contract dual enrollment students (e.g., current NOVA students who had previously enrolled in at least one contract dual enrollment course while in high school).<sup>9</sup> For this report, the transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

#### Transfer-Out Rate of Former Dual Enrollment Students

Among former dual enrollment students who enrolled at NOVA from Fall 2012 through Fall 2016, the transfer-out rate increased by three percentage points (from 15 percent for the Fall 2012 cohort to 18 percent for the Fall 2016 cohort).

Moreover, the transfer-out rate of former dual enrollment students was slightly higher than the College-wide transfer-out rate.<sup>10</sup> Among the Fall 2016 cohorts, 17 percent of students College-wide transferred out of NOVA within 150 percent of normal time, compared to 18 percent of former dual enrollment students.

**Figure 12. Transfer-Out Rate of Former Contract Dual Enrollment Students versus College-Wide Transfer-Out Rate: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

<sup>9</sup> Contract dual enrollment refers to students who were enrolled in dual enrollment courses on-site at area high schools. Contract dual enrollment courses are offered through a contract with partner school districts. The majority of NOVA's dual enrollment population are enrolled in contract dual enrollment courses.

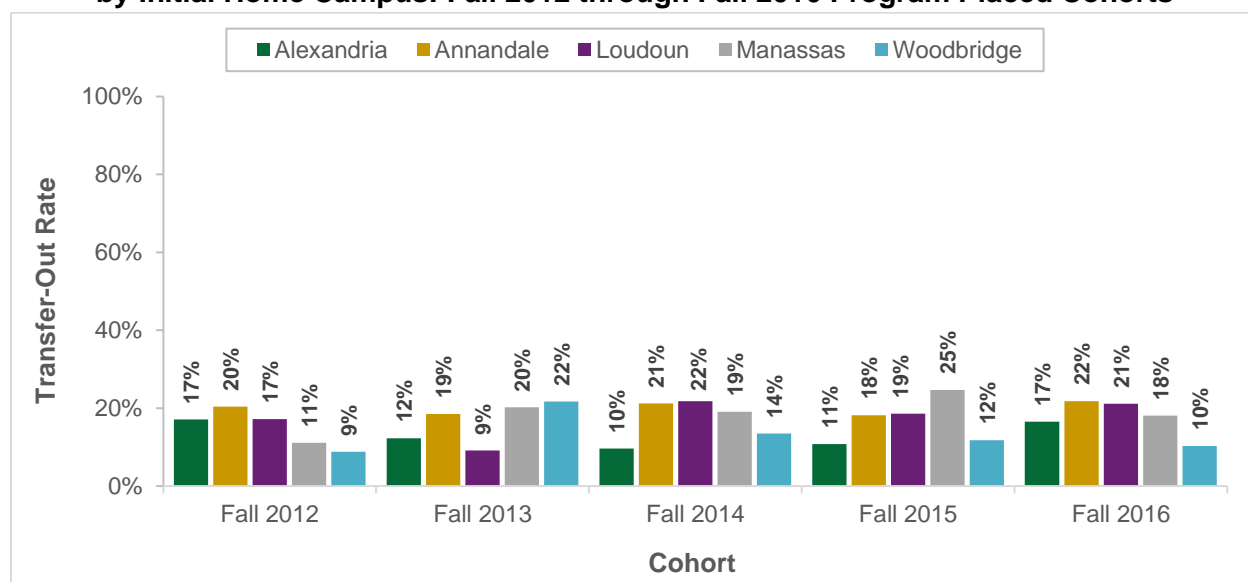
<sup>10</sup> Data for the College-wide transfer-out rate includes first-time in college, full-time, program placed students. While data for the dual enrollment population includes both full-time and part-time students, the data are otherwise comparable.

## Transfer-Out Rate by Initial Home Campus

Figure 13, below, shows the transfer-out rate of five entering cohorts of former dual enrollment students by initial home campus (e.g., their indicated campus when they initially enrolled at NOVA under a non-dual enrollment plan).<sup>11</sup>

Among the Fall 2012 through Fall 2016 entering cohorts of former dual enrollment students, the transfer-out rate increased for students who listed the Annandale, Loudoun, Manassas, and Woodbridge Campuses as their home campus, and remained the same for the Alexandria Campus. Among the Fall 2016 cohort, the transfer-out rate was highest among students who listed the Annandale and Loudoun Campuses as their home campus (22 and 21 percent, respectively). The transfer-out rate was lowest among students who listed the Woodbridge Campus as their home campus (10 percent).

**Figure 13. Transfer-Out Rate of Former Contract Dual Enrollment Students by Initial Home Campus: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Campus indicated is the student's home campus. Transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

## Transfer-Out Rate by Select Student Characteristics

Figures 14 through 16, on the following pages, show the transfer-out rate of former contract dual enrollment students who subsequently enrolled at NOVA under a non-dual enrollment plan. Data are disaggregated by select student characteristics, including gender, race/ethnicity, and first generation status.<sup>12</sup>

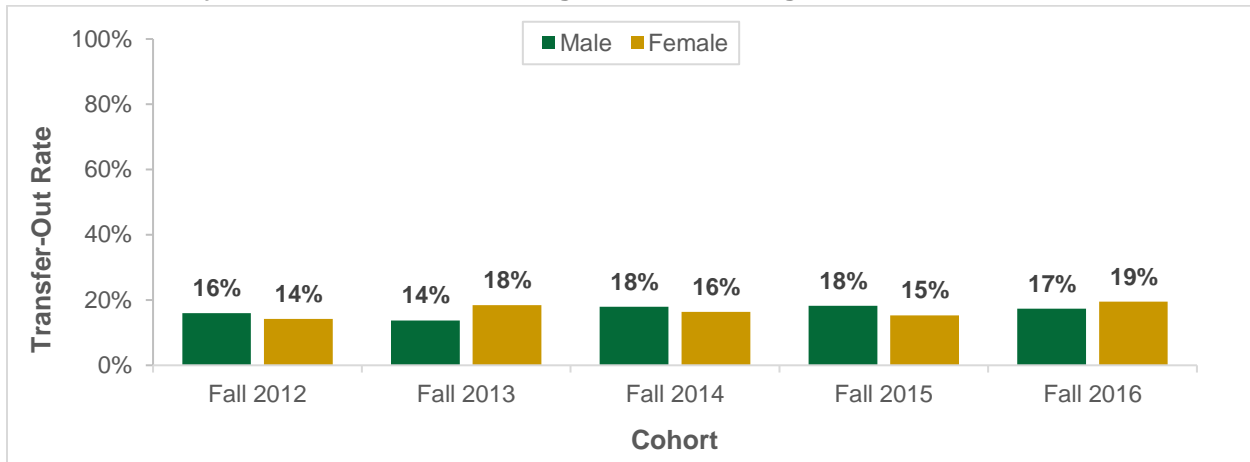
<sup>11</sup> Campus is assigned based on the student's home campus at the time of initial enrollment at NOVA under a non-dual enrollment plan, regardless of the campus(es) at which they took courses.

<sup>12</sup> Although OIR typically includes data disaggregated by age group, the vast majority of dual enrollment students were aged 18-21 due to the nature of the program. Therefore, an analysis by age group was not included in this report.



**Gender:** Among the Fall 2016 cohort of former dual enrollment, program placed students, a higher percentage of female students than male students transferred out of NOVA to another two- or four-year institution (19 versus 17 percent).

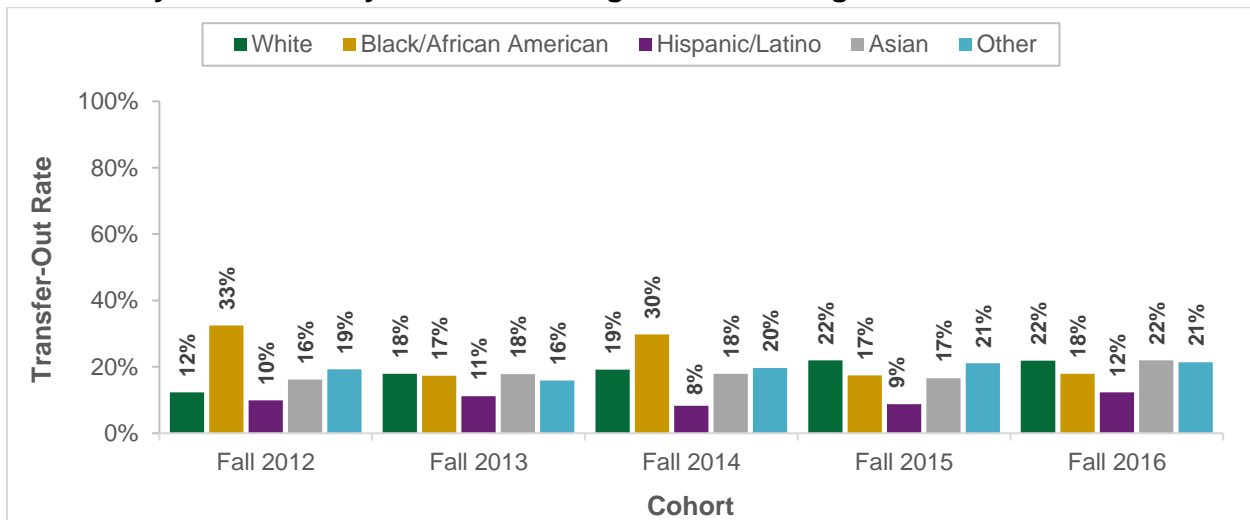
**Figure 14. Transfer-Out Rate of Former Contract Dual Enrollment Students by Gender: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

**Race/Ethnicity:** Among the Fall 2016 cohort of former dual enrollment, program placed students, the transfer-out rate was the highest among white students and Asian students (22 percent). The transfer-out rate was lowest among Hispanic/Latino students (12 percent).

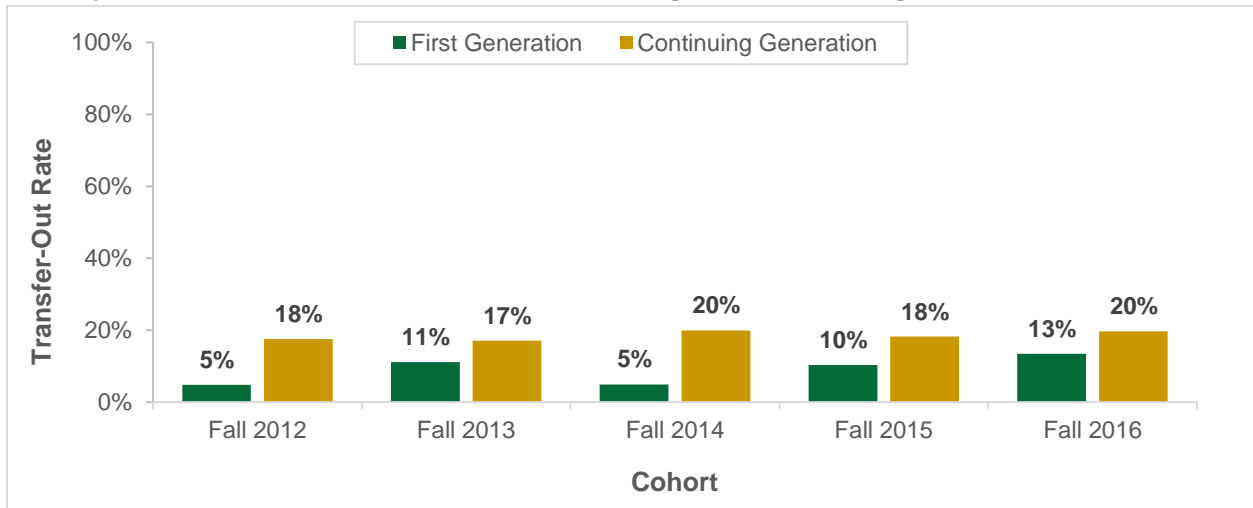
**Figure 15. Transfer-Out Rate of Former Contract Dual Enrollment Students by Race/Ethnicity: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. Transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

**First Generation Status:** Among the Fall 2016 cohort of former dual enrollment, program placed students, a higher percentage of continuing generation students than first generation students transferred out of NOVA to another two- or four-year institution (20 versus 13 percent).

**Figure 16. Transfer-Out Rate of Former Contract Dual Enrollment Students by First Generation Status: Fall 2012 through Fall 2016 Program Placed Cohorts**



Note: Data include students who took at least one dual enrollment course while in high school and subsequently enrolled at NOVA as a program placed student under a non-dual enrollment plan. First Generation refers to students who indicated that neither of their parents attended any postsecondary institution. Transfer-out rate is defined as the percentage of former contract dual enrollment students who subsequently enrolled at NOVA as program placed students and transferred out of NOVA to another two- or four-year institution within 150 percent of normal time and without earning a NOVA degree prior to transferring.

**Appendix A: Data Tables – Conversion Rate**

**Table 1. Conversion Rate of Former Contract Dual Enrollment Students Enrolled in Contract Dual Enrollment Courses From 2013-14 through 2017-18**

Year of Dual Enrollment	N	Converted to NOVA Student within Two Years	
		#	%
2013-14	2,110	761	36.1
2014-15	3,257	1,114	34.2
2015-16	4,781	1,499	31.4
2016-17	6,539	1,883	28.8
2017-18	8,590	1,988	23.1

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s).

**Table 2. Number and Conversion Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Campus: 2013-14 through 2017-18**

Campus	2013-14			2014-15			2015-16			2016-17			2017-18		
	N	Converted		N	Converted		N	Converted		N	Converted		N	Converted	
		#	%		#	%		#	%		#	%		#	%
Alexandria	644	221	34.3	873	285	32.6	1,144	366	32.0	1,402	386	27.5	1,527	367	24.0
Annandale	360	126	35.0	376	128	34.0	447	161	36.0	677	208	30.7	947	213	22.5
Loudoun	648	241	37.2	1,381	461	33.4	2,200	627	28.5	3,109	815	26.2	3,962	652	16.5
Manassas	321	102	31.8	441	142	32.2	724	233	32.2	915	297	32.5	1,342	407	30.3
Medical Education	17	5	29.4	21	12	57.1	51	18	35.3	28	6	21.4	29	9	31.0
Woodbridge	120	66	55.0	165	86	52.1	215	94	43.7	408	171	41.9	783	340	43.4
<b>College-wide</b>	<b>2,110</b>	<b>761</b>	<b>36.1</b>	<b>3,257</b>	<b>1,114</b>	<b>34.2</b>	<b>4,781</b>	<b>1,499</b>	<b>31.4</b>	<b>6,539</b>	<b>1,883</b>	<b>28.8</b>	<b>8,590</b>	<b>1,988</b>	<b>23.1</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s). The campus indicated is the student's home campus at the time of initial enrollment in the dual enrollment course.

**Table 3. Number and Conversion Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Gender: 2013-14 through 2017-18**

Gender	2013-14			2014-15			2015-16			2016-17			2017-18		
	N	Converted		N	Converted		N	Converted		N	Converted		N	Converted	
		#	%		#	%		#	%		#	%		#	%
Male	1,080	391	36.2	1,655	541	32.7	2,276	686	30.1	3,088	861	27.9	4,035	995	24.7
Female	1,030	370	35.9	1,602	573	35.8	2,505	813	32.5	3,451	1,022	29.6	4,555	993	21.8
<b>College-wide</b>	<b>2,110</b>	<b>761</b>	<b>36.1</b>	<b>3,257</b>	<b>1,114</b>	<b>34.2</b>	<b>4,781</b>	<b>1,499</b>	<b>31.4</b>	<b>6,539</b>	<b>1,883</b>	<b>28.8</b>	<b>8,590</b>	<b>1,988</b>	<b>23.1</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s).

**Table 4. Number and Conversion Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Race/Ethnicity: 2013-14 through 2017-18**

Race/ Ethnicity	2013-14			2014-15			2015-16			2016-17			2017-18		
	N	Converted		N	Converted		N	Converted		N	Converted		N	Converted	
		#	%		#	%		#	%		#	%		#	%
White	911	254	27.9	1,558	447	28.7	2,252	539	23.9	3,140	683	21.8	4,054	630	15.5
Black/African American	219	75	34.2	359	123	34.3	529	174	32.9	627	201	32.1	828	206	24.9
Hispanic/Latino	468	235	50.2	653	303	46.4	979	442	45.1	1,345	580	43.1	1,722	700	40.7
Asian	315	127	40.3	443	155	35.0	655	227	34.7	913	284	31.1	1,227	288	23.5
Amer. Indian/ Alaska Native	7	3	42.9	7	3	42.9	14	8	57.1	18	3	16.7	16	5	31.3
Native Hawaiian/ Other Pac. Island.	13	4	30.8	15	6	40.0	26	9	34.6	16	8	50.0	18	6	33.3
Two or More Races	126	45	35.7	164	59	36.0	240	69	28.8	374	98	26.2	542	117	21.6
Unknown	50	18	36.0	57	17	29.8	86	31	36.0	106	26	24.5	183	36	19.7
Not Specified	1	0	0.0	1	1	100.0	0	0	--	0	0	--	0	0	--
<b>College-wide</b>	<b>2,110</b>	<b>761</b>	<b>36.1</b>	<b>3,257</b>	<b>1,114</b>	<b>34.2</b>	<b>4,781</b>	<b>1,499</b>	<b>31.4</b>	<b>6,539</b>	<b>1,883</b>	<b>28.8</b>	<b>8,590</b>	<b>1,988</b>	<b>23.1</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s).

**Table 5. Number and Conversion Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Student Type: 2013-14 through 2017-18**

Student Type	2013-14			2014-15			2015-16			2016-17			2017-18		
	N	Converted		N	Converted		N	Converted		N	Converted		N	Converted	
		#	%		#	%		#	%		#	%		#	%
First-Time	692	219	31.6	926	296	32.0	1,325	419	31.6	1,513	473	31.3	1,969	539	27.4
Returning	1,418	542	38.2	2,331	818	35.1	3,456	1,080	31.3	5,026	1,410	28.1	6,621	1,449	21.9
<b>College-wide</b>	<b>2,110</b>	<b>761</b>	<b>36.1</b>	<b>3,257</b>	<b>1,114</b>	<b>34.2</b>	<b>4,781</b>	<b>1,499</b>	<b>31.4</b>	<b>6,539</b>	<b>1,883</b>	<b>28.8</b>	<b>8,590</b>	<b>1,988</b>	<b>23.1</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s).

**Table 6. Number and Conversion Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by First Generation Status: 2013-14 through 2017-18**

First Generation Status	2013-14			2014-15			2015-16			2016-17			2017-18		
	N	Converted		N	Converted		N	Converted		N	Converted		N	Converted	
		#	%		#	%		#	%		#	%		#	%
First Generation	257	119	46.3	430	179	41.6	585	259	44.3	754	348	46.2	965	398	41.2
Continuing Gen.	1,853	642	34.6	2,827	935	33.1	4,196	1,240	29.6	5,785	1,535	26.5	7,625	1,590	20.9
<b>College-wide</b>	<b>2,110</b>	<b>761</b>	<b>36.1</b>	<b>3,257</b>	<b>1,114</b>	<b>34.2</b>	<b>4,781</b>	<b>1,499</b>	<b>31.4</b>	<b>6,539</b>	<b>1,883</b>	<b>28.8</b>	<b>8,590</b>	<b>1,988</b>	<b>23.1</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan within two years of enrollment in the dual enrollment course. The year indicated is the year in which the student was enrolled in a dual enrollment course(s).

**Appendix B: Data Tables – Graduation Rates**

**Table 7. Graduation Rate of Former Contract Dual Enrollment Students Enrolled at NOVA: Fall 2012 through Fall 2016 Program Placed Cohorts**

Entering Cohort	Number of Former Dual Enrolled Students	Graduated	
		#	%
Fall 2012	330	106	32.1%
Fall 2013	527	155	29.4%
Fall 2014	776	253	32.6%
Fall 2015	958	300	31.3%
Fall 2016	1,105	376	34.0%

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 8. Graduation Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Campus: Fall 2012 through Fall 2016 Program Placed Cohorts**

Campus	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Graduated		N	Graduated		N	Graduated		N	Graduated		N	Graduated	
		#	%		#	%		#	%		#	%		#	%
Alexandria	82	19	23.2	122	27	22.1	197	62	31.5	222	57	25.7	248	76	30.6
Annandale	54	20	37.0	135	49	36.3	132	42	31.8	148	59	39.9	193	66	34.2
Loudoun	87	27	31.0	110	32	29.1	211	62	29.4	318	100	31.4	360	109	30.3
Manassas	45	13	28.9	84	25	29.8	131	56	42.7	154	42	27.3	177	63	35.6
Medical Education	5	1	20.0	7	3	42.9	9	1	11.1	6	3	50.0	11	4	36.4
Woodbridge	57	26	45.6	69	19	27.5	96	30	31.3	110	39	35.5	116	58	50.0
<b>College-wide</b>	<b>330</b>	<b>106</b>	<b>32.1</b>	<b>527</b>	<b>155</b>	<b>29.4</b>	<b>776</b>	<b>253</b>	<b>32.6</b>	<b>958</b>	<b>300</b>	<b>31.3</b>	<b>1,105</b>	<b>376</b>	<b>34.0</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 9. Graduation Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Gender: Fall 2012 through Fall 2016 Program Placed Cohorts**

Gender	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Graduated		N	Graduated		N	Graduated		N	Graduated		N	Graduated	
		#	%		#	%		#	%		#	%		#	%
Male	175	52	29.7	277	78	28.2	379	109	28.8	482	131	27.2	525	171	32.6
Female	155	54	34.8	250	77	30.8	397	144	36.3	476	169	35.5	580	205	35.3
<b>College-wide</b>	<b>330</b>	<b>106</b>	<b>32.1</b>	<b>527</b>	<b>155</b>	<b>29.4</b>	<b>776</b>	<b>253</b>	<b>32.6</b>	<b>958</b>	<b>300</b>	<b>31.3</b>	<b>1,105</b>	<b>376</b>	<b>34.0</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 10. Graduation Rate of Former Contract Dual Enrollment Students  
Enrolled at NOVA by Race/Ethnicity: Fall 2012 through Fall 2016 Program Placed Cohorts**

Race/Ethnicity	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Graduated		N	Graduated		N	Graduated		N	Graduated		N	Graduated	
		#	%		#	%		#	%		#	%			
White	146	53	36.3	201	65	32.3	297	105	35.4	354	107	30.2	370	125	33.8
Black/African American	40	4	10.0	75	20	26.7	94	13	13.8	109	33	30.3	140	37	26.4
Hispanic/Latino	81	23	28.4	134	32	23.9	229	77	33.6	274	79	28.8	333	115	34.5
Asian	37	17	45.9	73	26	35.6	95	42	44.2	145	60	41.4	164	67	40.9
American Indian/ Alaska Native	2	0	0.0	0	0	--	0	0	--	4	2	50.0	3	1	33.3
Native Hawaiian/Other Pacific Islander	0	0	--	3	0	0.0	3	0	0.0	4	0	0.0	4	1	25.0
Two or More Races	15	5	33.3	25	5	20.0	37	8	21.6	55	14	25.5	64	17	26.6
Unknown	2	1	50.0	14	7	50.0	21	8	38.1	13	5	38.5	27	13	48.1
Not Specified	7	3	42.9	2	0	0.0	0	0	--	0	0	--	0	0	--
<b>College-wide</b>	<b>330</b>	<b>106</b>	<b>32.1</b>	<b>527</b>	<b>155</b>	<b>29.4</b>	<b>776</b>	<b>253</b>	<b>32.6</b>	<b>958</b>	<b>300</b>	<b>31.3</b>	<b>1,105</b>	<b>376</b>	<b>34.0</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 11. Graduation Rate of Former Contract Dual Enrollment Students Enrolled  
at NOVA by First Generation Status: Fall 2012 through Fall 2016 Program Placed Cohorts**

First Generation Status	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Graduated		N	Graduated		N	Graduated		N	Graduated		N	Graduated	
		#	%		#	%		#	%		#	%			
First Gen	62	20	32.3	99	30	30.3	142	51	35.9	165	49	29.7	216	74	34.3
Contin. Gen	268	86	32.1	428	125	29.2	634	202	31.9	793	251	31.7	889	302	34.0
<b>College-wide</b>	<b>330</b>	<b>106</b>	<b>32.1</b>	<b>527</b>	<b>155</b>	<b>29.4</b>	<b>776</b>	<b>253</b>	<b>32.6</b>	<b>958</b>	<b>300</b>	<b>31.3</b>	<b>1,105</b>	<b>376</b>	<b>34.0</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

## Appendix C: Data Tables – Transfer-Out Rates

**Table 12. Transfer-Out Rate of Former Contract Dual Enrollment Students Enrolled at NOVA: Fall 2012 through Fall 2016 Program Placed Cohorts**

Entering Cohort	Number of Former Dual Enrolled Students	Transferred	
		#	%
Fall 2012	330	50	15.2%
Fall 2013	527	84	15.9%
Fall 2014	776	133	17.1%
Fall 2015	958	161	16.8%
Fall 2016	1,105	204	18.5%

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 13. Transfer-Out Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Campus: Fall 2012 through Fall 2016 Program Placed Cohorts**

Campus	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Transferred		N	Transferred		N	Transferred		N	Transferred		N	Transferred	
		#	%		#	%		#	%		#	%		#	%
Alexandria	82	14	17.1	122	15	12.3	197	19	9.6	222	24	10.8	248	41	16.5
Annandale	54	11	20.4	135	25	18.5	132	28	21.2	148	27	18.2	193	42	21.8
Loudoun	87	15	17.2	110	10	9.1	211	46	21.8	318	59	18.6	360	76	21.1
Manassas	45	5	11.1	84	17	20.2	131	25	19.1	154	38	24.7	177	32	18.1
Medical Education	5	0	0.0	7	2	28.6	9	2	22.2	6	0	0.0	11	1	9.1
Woodbridge	57	5	8.8	69	15	21.7	96	13	13.5	110	13	11.8	116	12	10.3
<b>College-wide</b>	<b>330</b>	<b>50</b>	<b>15.2</b>	<b>527</b>	<b>84</b>	<b>15.9</b>	<b>776</b>	<b>133</b>	<b>17.1</b>	<b>958</b>	<b>161</b>	<b>16.8</b>	<b>1,105</b>	<b>204</b>	<b>18.5</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 14. Transfer-Out Rate of Former Contract Dual Enrollment Students Enrolled at NOVA by Gender: Fall 2012 through Fall 2016 Program Placed Cohorts**

Gender	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Transferred		N	Transferred		N	Transferred		N	Transferred		N	Transferred	
		#	%		#	%		#	%		#	%		#	%
Male	175	28	16.0	277	38	13.7	379	68	17.9	482	88	18.3	525	91	17.3
Female	155	22	14.2	250	46	18.4	397	65	16.4	476	73	15.3	580	113	19.5
<b>College-wide</b>	<b>330</b>	<b>50</b>	<b>15.2</b>	<b>527</b>	<b>84</b>	<b>15.9</b>	<b>776</b>	<b>133</b>	<b>17.1</b>	<b>958</b>	<b>161</b>	<b>16.8</b>	<b>1,105</b>	<b>204</b>	<b>18.5</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 15. Transfer-Out Rate of Former Contract Dual Enrollment Students  
Enrolled at NOVA by Race/Ethnicity: Fall 2012 through Fall 2016 Program Placed Cohorts**

Race/Ethnicity	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Transferred		N	Transferred		N	Transferred		N	Transferred		N	Transferred	
		#	%		#	%		#	%		#	%		#	%
White	146	18	12.3	201	36	17.9	297	57	19.2	354	78	22.0	370	81	21.9
Black/African American	40	13	32.5	75	13	17.3	94	28	29.8	109	19	17.4	140	25	17.9
Hispanic/Latino	81	8	9.9	134	15	11.2	229	19	8.3	274	24	8.8	333	41	12.3
Asian	37	6	16.2	73	13	17.8	95	17	17.9	145	24	16.6	164	36	22.0
American Indian/Alaska Native	2	1	50.0	0	0	--	0	0	--	4	0	0.0	3	1	33.3
Native Hawaiian/Other Pacific Islander.	0	0	--	3	0	0.0	3	1	33.3	4	2	50.0	4	2	50.0
Two or More Races	15	3	20.0	25	4	16.0	37	7	18.9	55	11	20.0	64	14	21.9
Unknown	2	1	50.0	14	2	14.3	21	4	19.0	13	3	23.1	27	4	14.8
Not Specified	7	0	0.0	2	1	50.0	0	0	--	0	0	--	0	0	--
<b>College-wide</b>	<b>330</b>	<b>50</b>	<b>15.2</b>	<b>527</b>	<b>84</b>	<b>15.9</b>	<b>776</b>	<b>133</b>	<b>17.1</b>	<b>958</b>	<b>161</b>	<b>16.8</b>	<b>1,105</b>	<b>204</b>	<b>18.5</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.

**Table 16. Transfer-Out Rate of Former Contract Dual Enrollment Students Enrolled  
at NOVA by First Generation Status: Fall 2012 through Fall 2016 Program Placed Cohorts**

First Generation Status	Fall 2012			Fall 2013			Fall 2014			Fall 2015			Fall 2016		
	N	Transferred		N	Transferred		N	Transferred		N	Transferred		N	Transferred	
		#	%		#	%		#	%		#	%		#	%
First Gen	62	3	4.8	99	11	11.1	142	7	4.9	165	17	10.3	216	29	13.4
Contin. Gen	268	47	17.5	428	73	17.1	634	126	19.9	793	144	18.2	889	175	19.7
<b>College-wide</b>	<b>330</b>	<b>50</b>	<b>15.2</b>	<b>527</b>	<b>84</b>	<b>15.9</b>	<b>776</b>	<b>133</b>	<b>17.1</b>	<b>958</b>	<b>161</b>	<b>16.8</b>	<b>1,105</b>	<b>204</b>	<b>18.5</b>

Notes: Data include students who enrolled in at least one contract dual enrollment course while in high school and subsequently enrolled at NOVA under a non-dual enrollment plan. The year indicated is the year in which the student enrolled at NOVA.



# **PATHWAY TO THE AMERICAN DREAM—NOVA'S STRATEGIC PLAN 2017-2023**

## **THE NOVA COMMITMENT**

As its primary contributions to meeting the needs of the Commonwealth of Virginia, the Northern Virginia Community College pledges to advance the social and economic mobility of its students while producing an educated citizenry for the 21st Century.

### **THE STRATEGIC PLAN GOALS AND OBJECTIVES**

To deliver on this commitment NOVA will focus its creativity and talent, its effort and energy, and its resources and persistence, on achieving three overarching goals—success, achievement, and prosperity. It will strive to enable **Every Student to Succeed, Every Program to Achieve, and Every Community to Prosper.**

To advance the completion agenda described above, thereby promoting students' success and enhancing their social mobility, ensuring that programs achieve, and producing an educated citizenry for the 21st Century, the following goals and objectives are adopted:

#### **GOAL 1: Every Student Succeeds**

- **Objective 1:** Develop a College-wide approach to advising that ensures all students are advised and have access to support throughout their time at NOVA
- **Objective 2:** Implement VIP-PASS System as the foundational technology based on NOVA Informed Pathways for student self-advising, assignment and coordination of advisors, and course registration

#### **GOAL 2: Every Program Achieves**

- **Objective 3:** Develop comprehensive, fully integrated Informed Pathways for every program to ensure seamless transitions from high school and other entry points to NOVA, and from NOVA to four-year transfer institutions or the workforce
- **Objective 4:** Develop effective processes and protocols for programmatic College-wide collective decisions that include consistent, accountable leadership and oversight of each academic program with designated "owners," active advisory committees, clear student learning outcomes and assessments, and program reviews in all modalities of instruction
- **Objective 5:** Align NOVA's organizational structures, position descriptions, and expectations for accountability with its overarching mission to support student engagement, learning, success and institutional effectiveness

#### **GOAL 3: Every Community Prospers**

- **Objective 6:** Enhance the prosperity of every community in Northern Virginia by refocusing and prioritizing NOVA's workforce development efforts
- **Objective 7:** Further develop NOVA's IT and Cybersecurity programs to support regional job demand and position NOVA as the leading IT community college in the nation
- **Objective 8:** Re-envision workforce strategies and integrate workforce development into a NOVA core focus
- **Objective 9:** Plan to expand the breadth and reach of NOVA's healthcare and biotechnology programs, and prioritize future programs to support regional economic development goals

# NOVA

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