

Office of
Institutional
Effectiveness



Indicators of Institutional Effectiveness

2019–20

**Indicators of
Institutional Effectiveness:
2019-20**

Research Report No. 14-21

Office of Institutional Effectiveness
Northern Virginia Community College

July 2021

NORTHERN VIRGINIA COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL EFFECTIVENESS

The purpose of the Office of Institutional Effectiveness 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 must be cited as the source.

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Student Access

Indicator 1. Annual Headcount and FTES by Campus: 2017-18 through 2019-20

Campus	2017-18		2018-19		2019-20	
	Headcount	FTES	Headcount	FTES	Headcount	FTES
Alexandria	14,766	5,465	14,809	5,472	14,414	5,314
Annandale	19,337	10,289	18,471	9,874	17,683	9,111
Loudoun	15,752	6,188	16,287	6,369	16,633	6,445
Manassas	10,737	4,316	11,188	4,294	10,698	4,087
Medical Education	2,546	878	2,362	773	2,129	744
Woodbridge	10,519	4,821	10,522	4,925	10,280	4,778
College	73,657	31,957	73,639	31,707	71,837	30,479

Note: Unduplicated headcount. Due to rounding, campus FTES may not Sum to College total.
Source: OIR Census files

Indicator 2. Fall Headcount and FTES by Campus: Fall 2018 through Fall 2020

Campus	Fall 2018		Fall 2019		Fall 2020	
	Headcount	FTES	Headcount	FTES	Headcount	FTES
Alexandria	9,445	4,703	10,043	4,809	9,774	4,547
Annandale	12,425	8,810	12,428	8,210	12,287	8,154
Loudoun	12,026	5,881	12,689	6,029	13,698	6,472
Manassas	7,779	3,926	7,681	3,786	7,700	3,977
Medical Education	1,708	673	1,540	707	1,627	769
Woodbridge	7,546	4,413	7,441	4,273	7,787	4,495
College	50,929	28,406	51,822	27,814	52,873	28,413

Note: Due to rounding, campus FTES may not sum to College total.
Source: OIR Census files

Indicator 3. Location/Venue Annual FTES: 2017-18 through 2019-20

Location/Venue	2017-18	2018-19	2019-20
Alexandria	4,525	4,554	4,387
Annandale	8,431	8,138	7,427
Loudoun	4,268	4,365	4,658
Manassas	3,839	3,844	3,628
Medical Education	676	637	646
Reston Center	318	413	374
Signal Hill	566	599	396
Woodbridge	3,638	3,741	3,635
NOVA Online	5,696	5,416	5,328
College	31,957	31,707	30,479

Note: Due to rounding, location/venue FTES may not sum to College total.
 Source: OIR Census files

**Indicator 4. NOVA Online Annual FTES by Campus:
 2017-18 through 2019-20**

Campus	2017-18	2018-19	2019-20
Alexandria	940	917	927
Annandale	1,858	1,736	1,683
Loudoun	1,035	992	1,017
Manassas	477	450	459
Medical Education	202	136	99
Woodbridge	1,183	1,185	1,143
College	5,696	5,416	5,328

Note: Due to rounding, campus FTES may not sum to College total.
 Source: OIR Census files

Indicator 5A. Contract Dual Enrollment Headcount: 2017-18 through 2019-20

Campus	2017-18			2018-19			2019-20		
	Summer 2017	Fall 2017	Spring 2018	Summer 2018	Fall 2018	Spring 2019	Summer 2019	Fall 2019	Spring 2020
Alexandria	48	751	1,337	43	1,020	1,768	0	1,882	1,296
Annandale	0	711	995	0	792	1,423	0	1,818	731
Loudoun	1	3,634	3,683	0	4,084	4,053	0	4,517	4,245
Manassas	86	928	1,178	0	1,405	1,574	0	1,563	1,170
Medical Education	0	102	515	0	0	515	0	318	209
Woodbridge	0	519	744	0	901	1,120	0	1,245	837
College*	135	6,571	8,302	43	8,151	10,248	0	11,098	8,427

*College headcount is unduplicated. The figure will normally be less than the sum of the campus totals due to students registered at multiple campuses.
 Note: Excludes adult dual enrollment students. Source: OIR Census files

Indicator 5B. NOVA Dual Enrollment Headcount: 2017-18 through 2019-20

Campus	2017-18			2018-19			2019-20		
	Summer 2017	Fall 2017	Spring 2018	Summer 2018	Fall 2018	Spring 2019	Summer 2019	Fall 2019	Spring 2020
Alexandria	52	51	57	58	98	91	206	108	114
Annandale	124	174	171	135	229	239	346	279	253
Loudoun	81	137	147	68	207	164	297	234	204
Manassas	42	81	75	48	125	118	166	145	127
Medical Education	6	4	2	3	9	8	16	10	7
Woodbridge	33	64	57	32	70	66	101	91	60
College*	291	454	429	312	592	568	961	709	609

*College headcount is unduplicated. The figure will normally be less than the sum of the campus totals due to students registered at multiple campuses.
 Note: Excludes adult dual enrollment students. Source: OIR Census files

Indicator 5C. College-Wide Dual Enrollment Headcount: 2017-18 through 2019-20

Enrollment	2017-18			2018-19			2019-20		
	Summer 2017	Fall 2017	Spring 2018	Summer 2018	Fall 2018	Spring 2019	Summer 2019	Fall 2019	Spring 2020
Contract Dual	135	6,571	8,302	43	8,151	10,248	0	11,098	8,427
NOVA Dual	291	454	429	312	592	568	961	709	609
College*	425	6,989	8,690	354	8,697	10,768	961	11,751	9,001

*College headcount is unduplicated. The figure will normally be less than the sum of Contract Dual and NOVA Dual due to students registered in both types of dual enrollment courses. Note: Excludes adult dual enrollment students.

Source: OIR Census files

Indicator 6. Draw Rate from NOVA's Service Area by School Division: Fall 2018 through Fall 2020

Division	# of HS Graduates 2017-18	Fall 2018 at NOVA		# of HS Graduates 2018-19	Fall 2019 at NOVA		# of HS Graduates 2019-20	Fall 2020 at NOVA	
		#	%		#	%		#	%
Alexandria City	838	165	19.7	816	114	14.0	926	81	8.7
Arlington County	1,496	226	15.1	1,678	253	15.1	1,693	218	12.9
Fairfax County	13,483	2,667	19.8	13,890	2,432	17.5	14,057	2,656	18.9
Falls Church City	201	21	10.4	206	23	11.2	187	24	12.8
Loudoun County	5,710	1,035	18.1	5,902	1,020	17.3	6,366	1,160	18.2
Manassas City	440	107	24.3	458	124	27.1	463	104	22.5
Manassas Park City	264	64	24.2	276	57	20.7	251	34	13.5
Prince William County	6,361	1,615	25.4	6,432	1,472	22.9	6,832	1,681	24.6
Total	28,793	5,900	20.5	29,658	5,495	18.5	30,775	5,958	19.4

Note: The draw rate represents the rate at which recent graduates from public high schools in the Northern Virginia area attended NOVA in the fall term following graduation from high school.

Source: OIR Census files and Virginia Department of Education High School Graduates and Completers Report: <http://www.doe.virginia.gov>.

**Indicator 7. Continuing Education/NOVA Workforce (Non-Credit)
Enrollment by Campus: 2017-18 through 2019-20**

Campus	2017-18	2018-19	2019-20
Alexandria	1,922	1,670	1,425
Annandale	3,841	2,462	1,931
Loudoun	2,212	1,727	1,742
Manassas	204	119	109
Medical Education	699	373	309
Woodbridge	1,584	1,193	542
Custom Contracts	448	584	698
College Total	10,910	8,128	6,756
CEUs Generated	46,492	39,673	33,794

Notes: **Custom contracts** are taught at the client venue. **CEU generated** is the total number of Continuing Education Units generated (College-wide). CEU generated = CEU Taught x Number of CE Students Enrolled. This table is duplicated enrollment based on semester (summer, fall, spring) excluding non-training enrollments. NOVA Workforce does not operate "campus-based." Non-credit programs are considered and planned as "One NOVA and One NOVA Workforce." Enrollments for the NOVA Reston Center are included under Loudoun. Data is updated as of 4/30/2021.

Source: NOVA Workforce

**Indicator 8. Continuing Education/NOVA Workforce (Non-Credit)
Revenue: Fiscal Year 2017-18 through Fiscal Year 2019-20**

	FY 2017-18	FY 2018-19	FY 2019-20
College	\$7,300,108	\$6,652,699	\$6,841,474

Source: Budget Office, NOVA

Indicator 9. Number of Students Completing a FAFSA: 2017-18 through 2019-20

Campus	2017-18			2018-19			2019-20		
	Enrolled	Number Completed FAFSA	Percent Completed FAFSA	Enrolled	Number Completed FAFSA	Percent Completed FAFSA	Enrolled	Number Completed FAFSA	Percent Completed FAFSA
Alexandria	14,649	5,291	36.1	14,663	5,102	34.8	14,955	4,960	33.2
Annandale	18,944	6,442	34.0	18,047	6,120	33.9	18,161	5,890	32.4
Loudoun	15,702	4,223	26.9	16,267	4,157	25.5	17,044	4,072	23.9
Manassas	10,668	3,648	34.2	11,035	3,617	32.8	10,943	3,448	31.5
Medical Education	2,488	1,542	61.9	2,294	1,335	58.2	2,092	1,137	54.3
Woodbridge	10,346	4,585	44.3	10,461	4,609	44.0	10,399	4,475	43.0
College	72,797	25,731	35.3	72,767	24,940	34.3	73,594	23,982	32.6

Note: The Financial Aid Office operates on a fall, spring, summer annual year, thus annual enrollment figures will not match other data in this report.

Note: Historical figures revised by Financial Aid Office on 4/28/2021.

Source: Financial Aid Office, NOVA

Indicator 10. Number of Students with Financial Aid Awards: 2017-18 through 2019-20

Campus	2017-18			2018-19			2019-20		
	Enrolled	Number Awarded Aid	Percent Awarded Aid	Enrolled	Number Awarded Aid	Percent Awarded Aid	Enrolled	Number Awarded Aid	Percent Awarded Aid
Alexandria	14,649	4,324	29.5	14,663	4,287	29.2	14,955	3,982	26.6
Annandale	18,944	4,849	25.6	18,047	4,769	26.4	18,161	4,357	24.0
Loudoun	15,702	3,282	20.9	16,267	3,268	20.1	17,044	2,988	17.5
Manassas	10,668	2,847	26.7	11,035	2,893	26.2	10,943	2,567	23.5
Medical Education	2,488	1,104	44.4	2,294	943	41.1	2,092	916	43.8
Woodbridge	10,346	3,695	35.7	10,461	3,920	37.5	10,399	3,589	34.5
College	72,797	20,101	27.6	72,767	20,080	27.6	73,594	18,399	25.0

Note: Unduplicated headcount. Includes need- and non-need-based aid.

Note: The Financial Aid Office operates on a fall, spring, summer annual year, thus annual enrollment figures will not match other data in this report.

Source: Financial Aid Office, NOVA

Student Success

Indicator 11A. Fall-to-Spring Persistence of First-Time in College, Full-Time, Program Placed Students by Campus: Fall 2017 Cohort through Fall 2019 Cohort

Campus	Fall 2017 Cohort (%)	Fall 2018 Cohort (%)	Fall 2019 Cohort (%)
Alexandria	84.8	85.0	87.3
Annandale	90.3	90.2	88.8
Loudoun	87.2	87.0	89.0
Manassas	90.6	89.1	90.9
Medical Education	92.1	82.5	91.4
Woodbridge	89.1	87.0	91.2
College	88.8	88.1	89.4

Note: Fall-to-spring persistence indicates a student re-enrolled in the following spring semester, graduated from NOVA following the first fall semester of enrollment, or transferred out of NOVA and attended a four-year institution during either the first fall semester or the following spring semester. The campus listed is initial fall home campus. Students who returned to NOVA did not necessarily return to the listed campus. First-time in college refers to students who first enrolled at NOVA in the fall semester.

Source: OIR Census files and National Student Clearinghouse

Indicator 11B. Fall-to-Fall Persistence of First-Time in College, Full-Time, Program Placed Students by Campus: Fall 2017 Cohort through Fall 2019 Cohort

Campus	Fall 2017 Cohort (%)	Fall 2018 Cohort (%)	Fall 2019 Cohort (%)
Alexandria	69.4	68.2	71.0
Annandale	79.5	76.5	78.1
Loudoun	71.6	76.2	76.9
Manassas	76.7	74.9	78.0
Medical Education	68.4	68.4	71.4
Woodbridge	72.6	69.3	76.4
College	74.8	73.7	76.6

Note: Fall-to-fall persistence indicates a student re-enrolled in the following fall semester, graduated from NOVA prior to the following fall semester, or transferred out of NOVA and attended a four-year institution prior to or during the following fall semester. Campus listed is initial fall home campus. Students who returned to NOVA did not necessarily return to the listed campus. First-time in college refers to students who first enrolled at NOVA in the fall semester.

Source: OIR Census files and National Student Clearinghouse

**Indicator 12. Number of NOVA Graduates by Campus:
2017-18 through 2019-20**

Campus	2017-18	2018-19	2019-20
Alexandria	1,058	1,126	1,098
Annandale	1,758	1,902	2,045
Loudoun	1,070	1,222	1,297
Manassas	936	987	1,084
Medical Education	549	484	331
Woodbridge	976	1,026	1,099
College	6,347	6,747	6,954

Note: Unduplicated headcount.
Source: OIR Census files

Faculty and Staff

Indicator 13. Faculty and Staff at NOVA: 2017-18 through 2019-20

Personnel	2017-18	2018-19	2019-20	Change 2017-18 to 2019-20 (%)
Twelve-Month Administrative Faculty	107	109	85	-20.6
Professional Faculty	98	123	139	41.8
Nine-Month Teaching Faculty	638	617	629	-1.4
Temporary Faculty	1,937	1,844	1,764	-8.9
Classified Staff	804	819	821	2.1
Total	3,584	3,512	3,438	-4.1

Source: Human Resources, NOVA

Indicator 14. Nine-Month Teaching Faculty Diversity: October 2017 through October 2019

Campus	October 2017 Minority Faculty (%)	October 2018 Minority Faculty (%)	October 2019 Minority Faculty (%)
Alexandria	30.0	28.9	31.2
Annandale	29.9	28.2	28.1
Loudoun	22.9	23.4	24.3
Manassas	33.8	32.9	31.6
Medical Education	24.5	25.0	20.8
Woodbridge	31.7	33.7	37.3
Campus Average	28.8	28.7	28.9

Note: Minority status is based on self-reported primary race and does not include white.

Source: Human Resources, NOVA

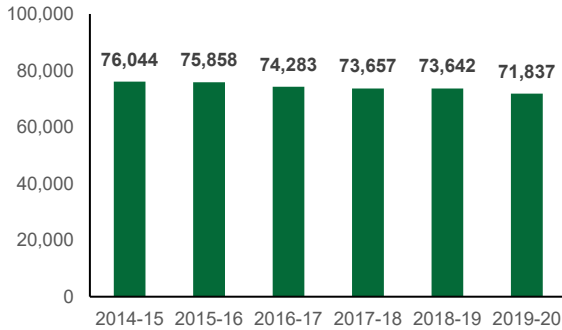
VCCS – System-Wide Indicators

Indicator 15. NOVA Annual Enrollment: 2014-15 through 2019-20

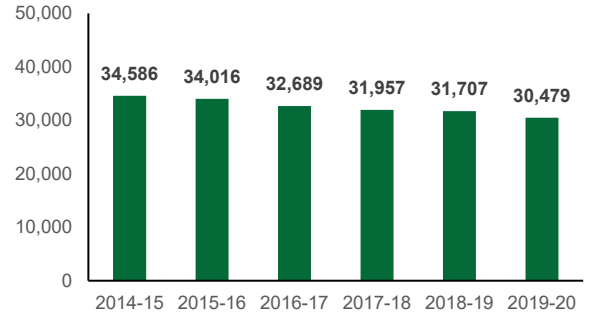
Enrollment	2014-15	2015-16	% Change	2016-17	% Change	2017-18	% Change	2018-19	% Change	2019-20	% Change	6-Yr % Change
Headcount	76,044	75,858	-0.2	74,283	-2.1	73,657	-0.8	73,642	0.0	71,837	-2.4	-5.5
FTES	34,586	34,016	-1.6	32,689	-3.9	31,957	-2.2	31,707	-0.8	30,479	-3.9	-11.9

Source: VCCS, Academic Services and Research Department

NOVA Annual Enrollment: Headcount



NOVA Annual Enrollment: FTES

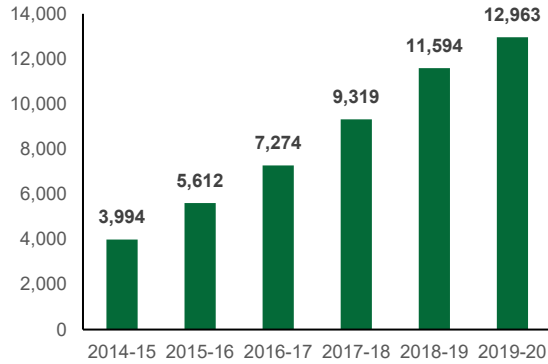


Indicator 16. NOVA Dual Enrollment: 2014-15 through 2019-20

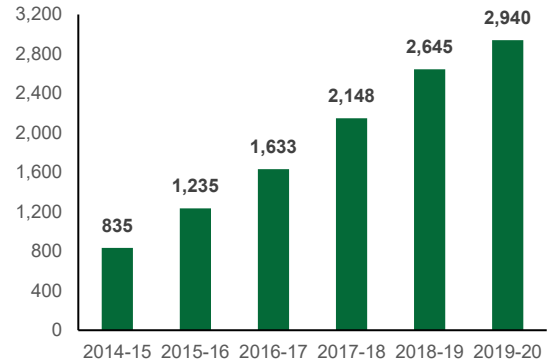
Enrollment	2014-15	2015-16	% Change	2016-17	% Change	2017-18	% Change	2018-19	% Change	2019-20	% Change	6-Yr % Change
Headcount	3,994	5,612	40.5	7,274	29.6	9,319	28.1	11,594	24.4	12,963	11.8	224.6
FTES	835	1,235	47.9	1,633	32.2	2,148	31.5	2,645	23.1	2,940	11.2	252.1

Source: VCCS, Academic Services and Research Department

NOVA Dual Enrollment: Headcount



NOVA Dual Enrollment: FTES

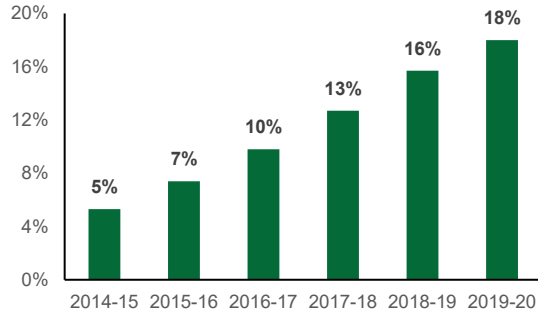


Indicator 17. NOVA Dual Enrollment as Percentage of Total Enrollment: 2014-15 through 2019-20

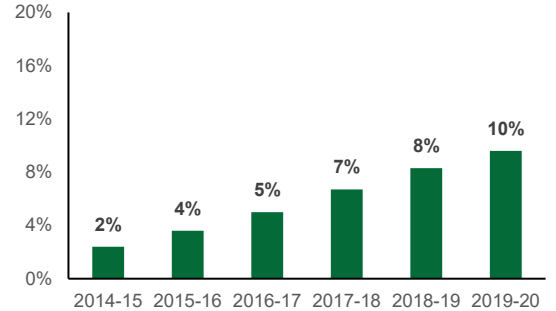
Enrollment	2014-15 (%)	2015-16 (%)	2016-17 (%)	2017-18 (%)	2018-19 (%)	2019-20 (%)	6-Yr % Change
Headcount	5.3	7.4	9.8	12.7	15.7	18.0	12.8
FTES	2.4	3.6	5.0	6.7	8.3	9.6	7.2

Source: VCCS, Academic Services and Research Department

NOVA Dual Enrollment as Percentage of Total Enrollment: Headcount



NOVA Dual Enrollment as Percentage of Total Enrollment: FTES

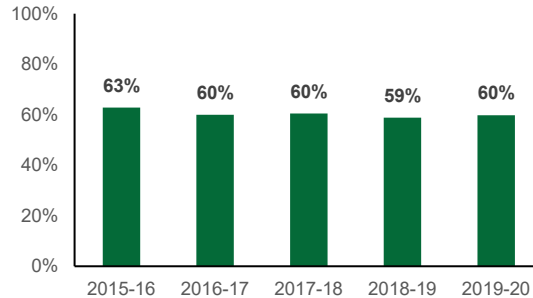


Indicator 18. NOVA Transfer Program Graduates: 2015-16 through 2019-20

Academic Year	Number of Graduates	Number Transferred	% of Graduates who Transferred	1-Yr Change in %
2015-16	4,766	2,993	62.8	-
2016-17	4,397	2,638	60.0	-2.8
2017-18	4,352	2,631	60.5	0.5
2018-19	4,161	2,449	58.9	-1.6
2019-20	4,201	2,512	59.8	0.9
5-Year Change in % of Graduates Transferred 2015-16 to 2019-20				-3.0

Note: These data will not match previously released reports. The methodology for calculating the number of transfer program graduates changed. Students who are concurrently enrolled with the VCCS and four-year institutions are excluded. In addition, the percentage of transfer program graduates who transferred was determined using data from National Student Clearinghouse. In past reports, data from both National Student Clearinghouse and SCHEV were used to determine the transfer rate. Source: VCCS, Academic Services and Research Department

NOVA Percentage of Transfer Program Graduates Who Transferred



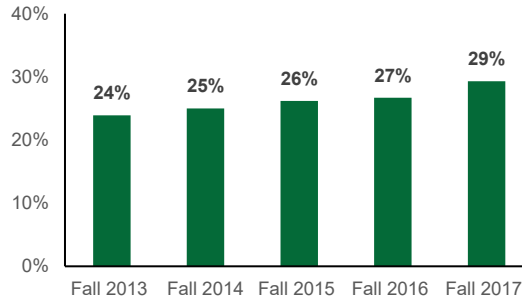
Indicator 19. NOVA Graduation Rates: Fall 2013 Cohort through Fall 2017 Cohort

Graduation	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Number of Students	5,819	5,815	5,881	5,793	5,504
Graduates with Associate Degree	1,318	1,358	1,456	1,467	1,439
Graduates with Certificate Award	71	98	87	82	176
Total Graduates	1,389	1,456	1,543	1,549	1,615
Graduation Rate (%)	23.9	25.0	26.2	26.7	29.3

Note: Cohort is first-time, full-time, program placed students. Graduation rates are based on 150 percent of normal time. Fall 2013 through Fall 2015 cohort graduation rates revised 4/23/2019.

Source: IPEDS Graduation Rates Survey

NOVA Graduation Rates for Fall Cohorts

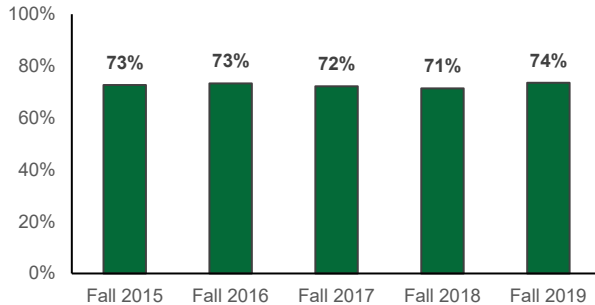


Indicator 20. NOVA Retention Rates by Enrollment Status: Fall 2015 Cohort through Fall 2019 Cohort

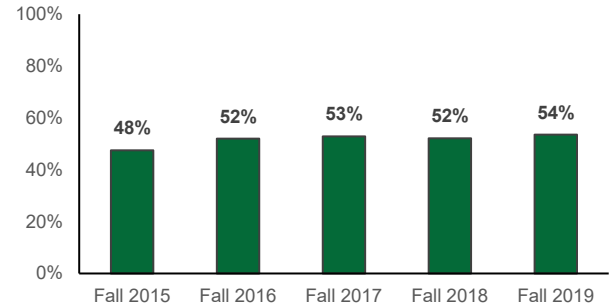
Retention	Fall 2015		Fall 2016		Fall 2017		Fall 2018		Fall 2019	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Cohort	5,881	3,449	5,793	3,091	5,505	3,114	5,667	3,132	5,127	3,277
Re-Enrolled	4,246	1,624	4,216	1,597	3,935	1,639	4,000	1,624	3,738	1,749
Graduated	28	15	29	10	39	8	46	9	34	6
Total	4,274	1,639	4,245	1,607	3,974	1,647	4,046	1,633	3,772	1,755
Retention Rate (%)	72.7	47.5	73.3	52.0	72.2	52.9	71.4	52.1	73.6	53.6

Note: Fall cohort includes students who attended college for the first time in the fall term, students who attended college for the first time in the prior summer term and enrolled in the fall term, and students who entered with advanced standing (college credits or postsecondary formal award earned before graduation from high school). Retention rates are the percentage of first-time in college, program placed students from the previous fall who either re-enrolled or successfully completed their program by the subsequent fall. Source: IPEDS Fall Enrollment Survey. Fall 2019 data is preliminary OIR data.

NOVA Retention Rates of Full-Time Students



NOVA Retention Rates of Part-Time Students



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, 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 OBJECTIVES¹

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**. These strategic goals are grounded in our college's commitment to equity, excellence, empathy, evidence, and economic and social mobility (NOVA's 5Es).

GOAL 1: Every Student Succeeds

- **Objective 1:** Adopt a college-wide approach to advising
- **Objective 2:** Achieve equity in student outcomes

GOAL 2: Every Program Achieves

- **Objective 3:** Establish comprehensive, fully-integrated, Informed Pathways (high school to NOVA to four-year college/university) for every program
- **Objective 4:** Sustain and, where needed, establish effective, equity-minded NOVA collegewide processes, protocols, policies, and accountabilities for services and programs
- **Objective 5:** Align NOVA's culture, structure, and talent management/development with its access and equity mission and commitment to inclusive excellence
- **Objective 6:** Stabilize, grow, and sustain resources required to support mission and innovation

GOAL 3: Every Community Prospers

- **Objective 7:** Elevate and empower NOVA as the region's leading workforce provider across all essential and high demand industry sectors

¹ Strategic Plan Objectives were revised in Fall 2020.

