

# Successful Gateway Course Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status and Demographics: Fall 2009 through Fall 2012 Cohorts

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## **NORTHERN VIRGINIA COMMUNITY COLLEGE**

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# **Successful Gateway Course Completion Rates of First-Time to NOVA Students by Full- /Part-Time Status and Demographics: Fall 2009 through Fall 2012 Cohorts**

## **Introduction**

This Report presents data on the successful gateway course completion rates of first-time to NOVA students by enrollment status (either full-time or part-time) and demographics for the Fall 2009 through Fall 2012 cohorts. Gateway courses are defined as those that are critical to future success in college, such as general education or prerequisite courses, which have high enrollments. Five courses are designated as gatekeeper courses at NOVA and will be examined in this Report:

- ACC 211: Principles of Accounting I
- BIO 101: General Biology I
- ENG 111: College Composition I
- MTH 151: Mathematics for the Liberal Arts I
- MTH 163: Precalculus I

Data included in this analysis are derived from tracking the completion of gateway courses over a one year time period for each of the four cohorts. Successful gateway course completion is defined as the proportion of students completing a course with a grade of "A," "B," or "C." The data presented in this report reflects all courses taken by first-time to NOVA students with the exception of Extended Learning Institute courses.

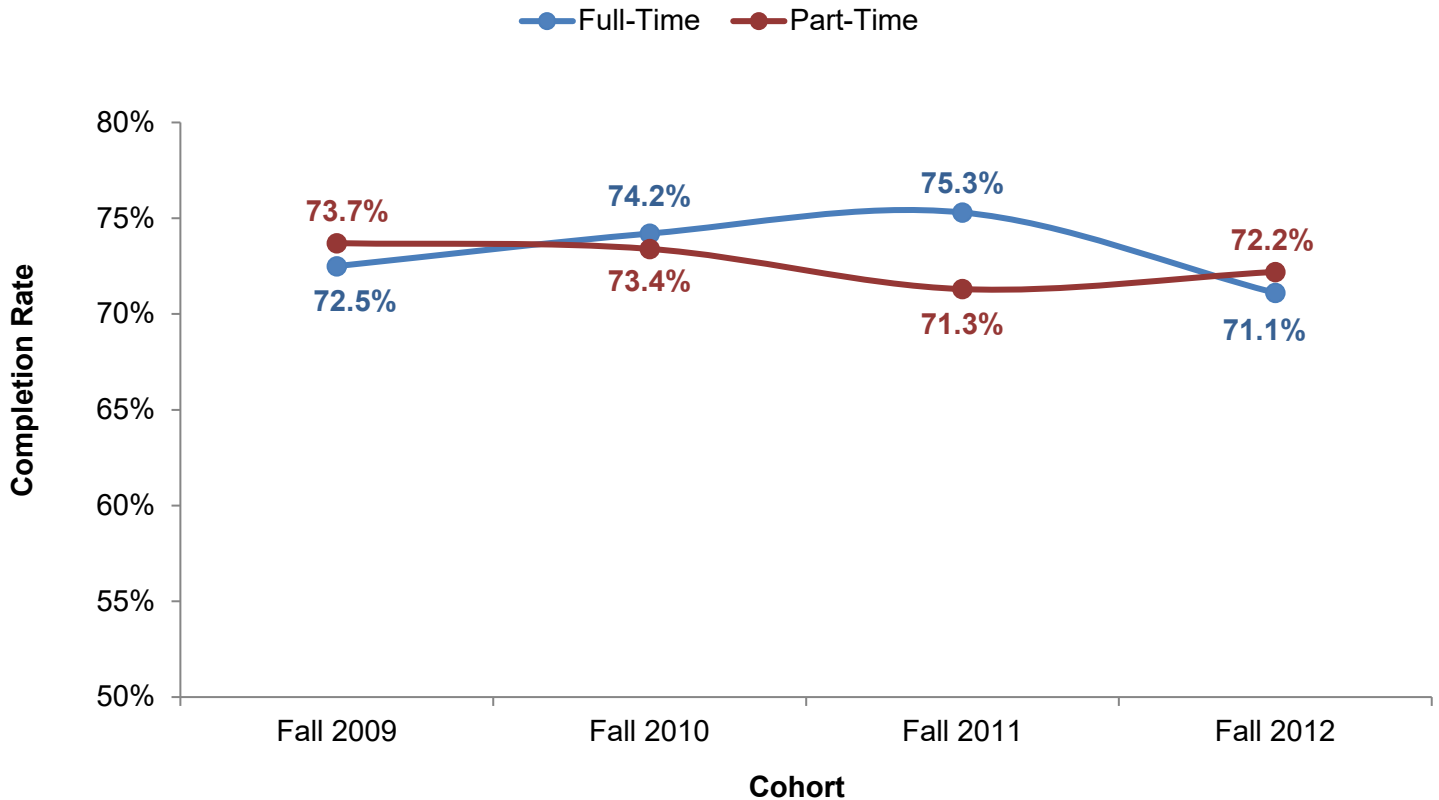
## Section 1. Successful Gateway Course Completion Rates by Full-/Part-Time Status

Table 1 and Figure 1 present, by full- and part-time status, the overall percentages of first-time to NOVA students who successfully completed one or more gateway courses within one year. These data include enrollments from Accounting 211, Biology 101, English 111, Math 151, and Math 163 and, therefore, are duplicated. For the Fall 2009 and Fall 2012 cohorts, part-time students completed gateway courses at a higher rate than their full-time counterparts. For the Fall 2010 and Fall 2011 cohorts, full-time students completed gateway courses at a higher rate than part-time students.

**Table 1. Successful Gateway Course Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	6,973	5,055	72.5	6,874	5,098	74.2	6,664	5,015	75.3	7,610	5,409	71.1
Part-Time	2,601	1,916	73.7	2,666	1,957	73.4	2,545	1,815	71.3	3,398	2,453	72.2
<b>Total</b>	<b>9,574</b>	<b>6,971</b>	<b>72.8</b>	<b>9,540</b>	<b>7,055</b>	<b>74.0</b>	<b>9,209</b>	<b>6,830</b>	<b>74.2</b>	<b>11,008</b>	<b>7,862</b>	<b>71.4</b>

**Figure 1. Successful Gateway Course Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**



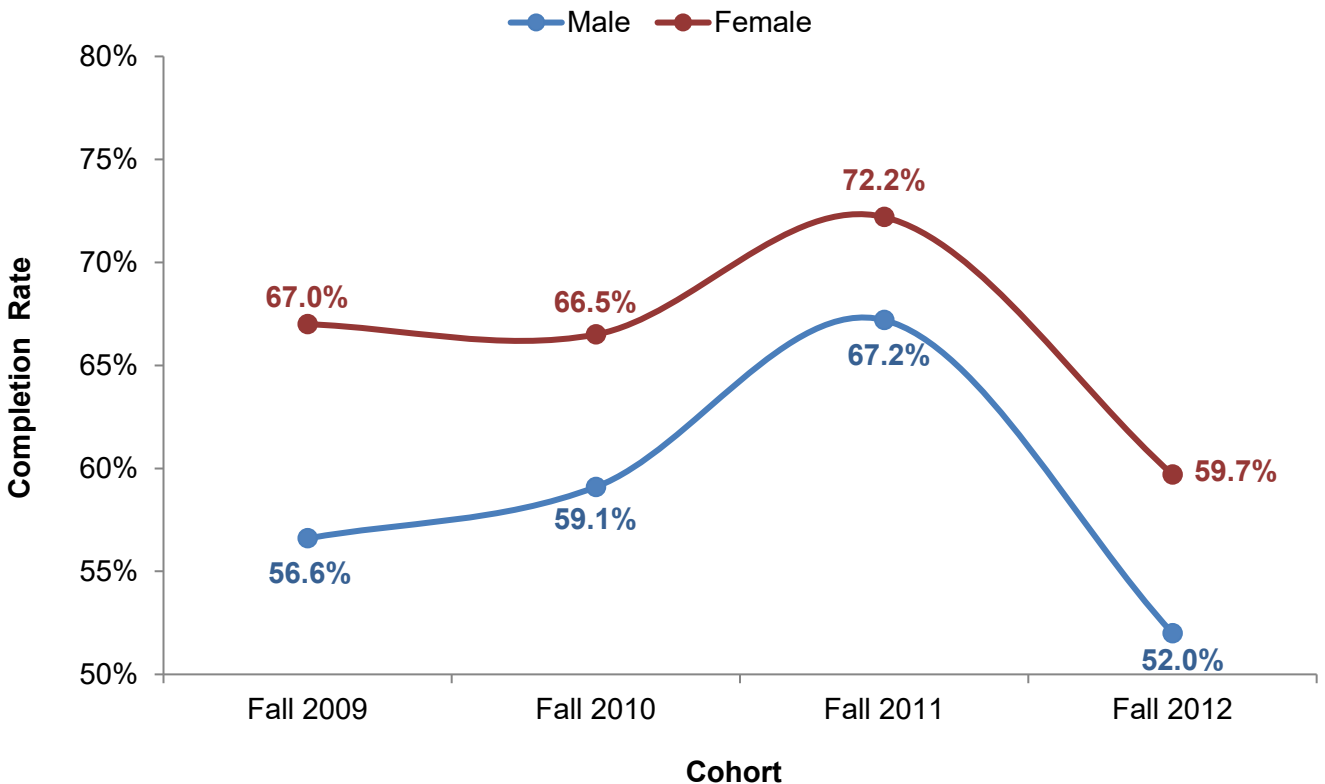
### Section 1.1. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Gender

Table 2, Figure 2, and Figure 3 (next page) present overall gateway course completion rates by full-/part-time status and gender. Regardless of enrollment status, female students completed gateway courses at a higher rate than male students for all four cohorts. Additionally, for the Fall 2009, 2010, and 2012 cohorts, part-time female students had higher gateway course completion rates than their full-time counterparts.

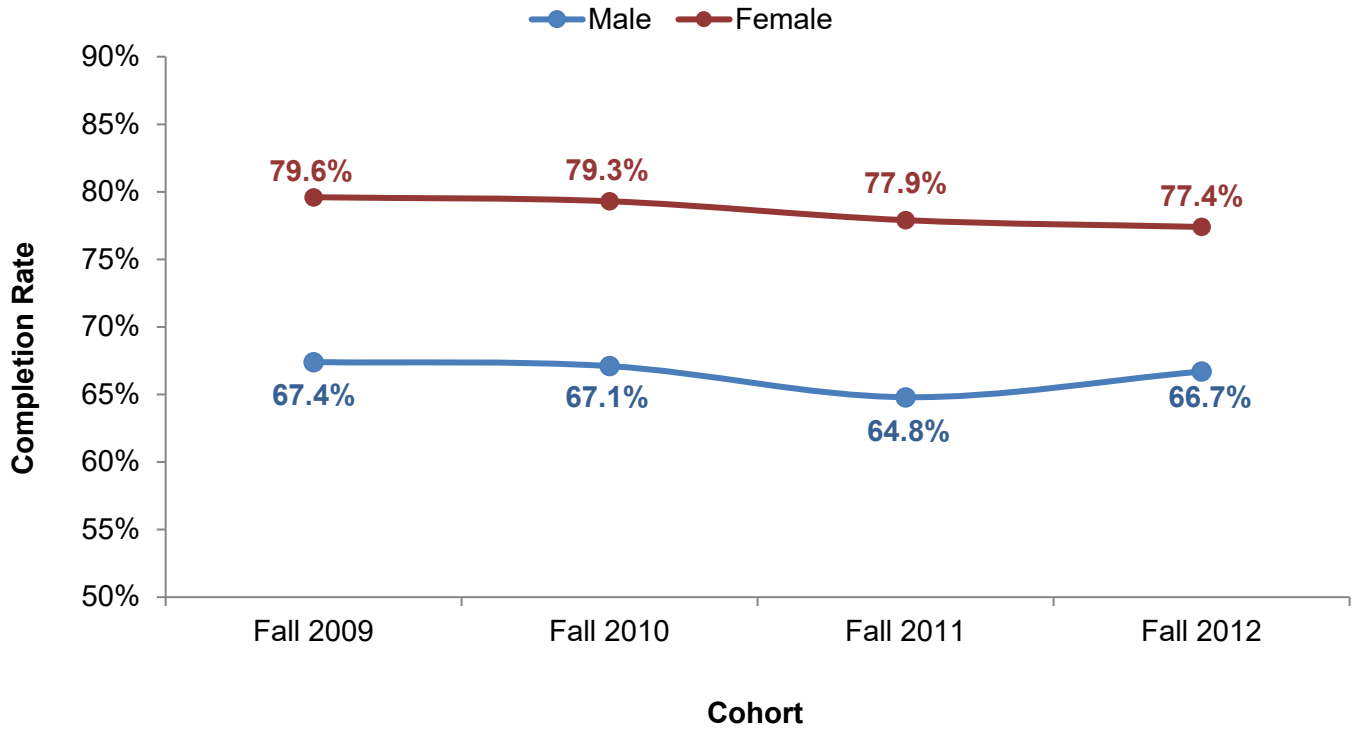
**Table 2. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	3,577	2,443	68.3	3,556	2,534	71.3	3,528	2,523	71.5	3,963	2,679	67.6
	Female	3,396	2,612	76.9	3,318	2,564	77.3	3,136	2,489	79.4	3,647	2,730	74.9
Part-Time	Male	1,267	854	67.4	1,291	866	67.1	1,278	828	64.8	1,658	1,106	66.7
	Female	1,334	1,062	79.6	1,375	1,091	79.3	1,267	987	77.9	1,740	1,347	77.4

**Figure 2. Successful Gateway Course Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



**Figure 3. Successful Gateway Course Completion Rates of Part-Time Students by Gender:  
Fall 2009 through Fall 2012 Cohorts**



## Section 1.2. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Age

Table 3 presents overall gateway course completion rates by full-/part-time status and age. Regardless of enrollment status, students ages 18 to 21 successfully completed gateway courses at the lowest rate of all age groups, though full-time students ages 18 to 21 had higher completion rates than their part-time counterparts. Full-time students ages 22 to 24 also tended to have higher gateway course completion rates than part-time students in that age group. Part-time students under 18, however, tended to complete gateway courses at a higher rate than their full-time counterparts. Course completion rates were generally similar for students ages 30 to 44 within each cohort regardless of their enrollment status.

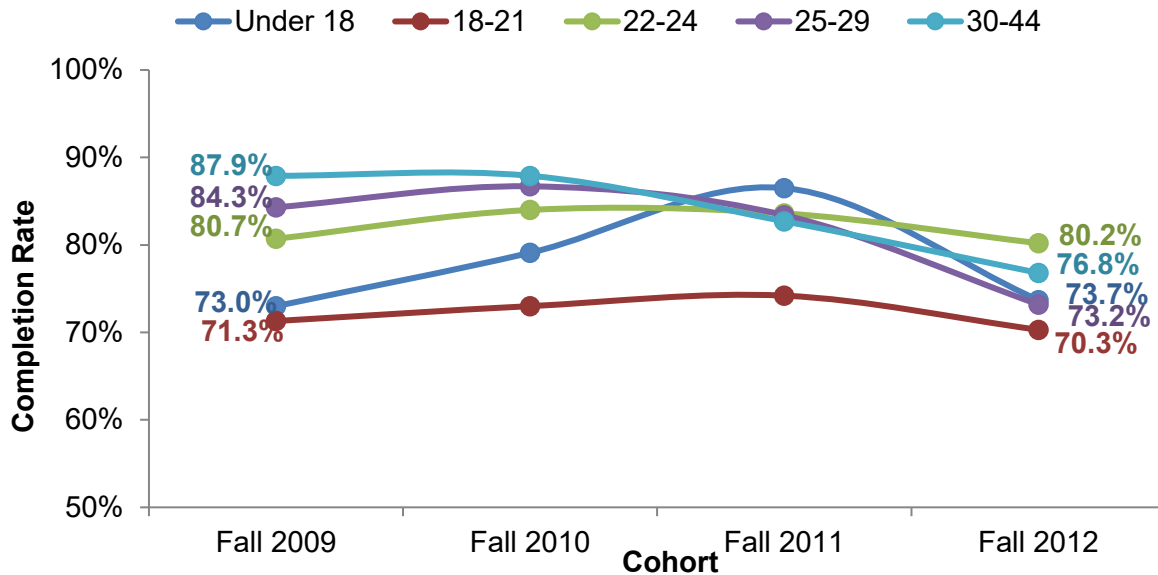
**Table 3. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Age: Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18	122	89	73.0	110	87	79.1	133	115	86.5	133	98	73.7
	18-21	6,209	4,428	71.3	6,175	4,506	73.0	5,946	4,411	74.2	6,787	4,774	70.3
	22-24	269	217	80.7	269	226	84.0	274	229	83.6	288	231	80.2
	25-29	217	183	84.3	181	157	86.7	187	156	83.4	213	156	73.2
	30-44	141	124	87.9	132	116	87.9	110	91	82.7	155	119	76.8
	45 & Over*	15	14	93.3	7	6	85.7	14	13	92.9	34	31	91.2
Part-Time	Under 18	314	274	87.3	317	291	91.8	168	146	86.9	517	477	92.3
	18-21	1,593	1,051	66.0	1,664	1,091	65.6	1,708	1,131	66.2	2,202	1,430	64.9
	22-24	187	148	79.1	191	143	74.9	179	138	77.1	181	127	70.2
	25-29	236	206	87.3	201	175	87.1	193	150	77.7	200	167	83.5
	30-44	210	186	88.6	231	203	87.9	233	192	82.4	245	206	84.1
	45 & Over	61	51	83.6	62	54	87.1	64	58	90.6	53	46	86.8

\*Sample size is too small to make accurate comparisons.

Figure 4 (next page) shows overall gateway course completion rates for full-time students by age. Among the Fall 2009 and Fall 2010 cohorts, students ages 30 to 44 had the highest gateway course completion rates (88 percent for both cohorts). In the Fall 2011 cohort, students under 18 had the highest completion rate, and students ages 22 to 24 had the highest rate in the Fall 2012 cohort.

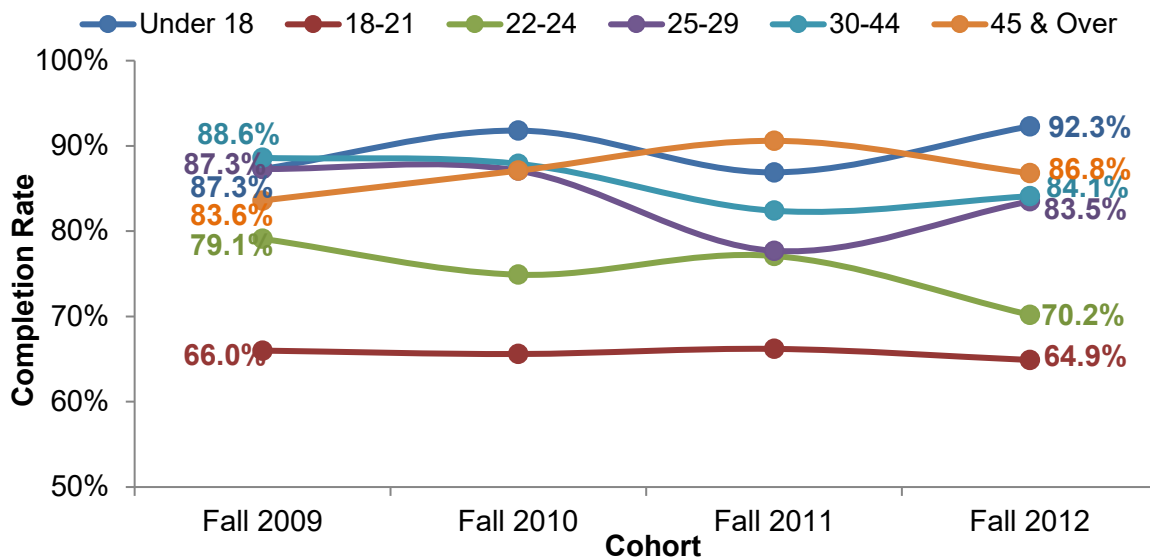
**Figure 4. Successful Gateway Course Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 5 shows overall gateway course completion rates of part-time students by age. Generally, changes within each age group from cohort to cohort were small. Students ages 18 to 24 typically had the lowest completion rates in each cohort, although within those age groups the completion rates of students ages 22 to 24 were consistently higher than those ages 18 to 21. In fact, in every cohort, the completion rates of part-time students ages 18 to 21 were at least 20 percentage points lower than the age groups with the highest rates.

**Figure 5. Successful Gateway Course Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



### Section 1.3. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Race/Ethnicity

Table 4 shows overall gateway course completion rates by full-/part-time status and race/ethnicity. Overall, while completion rates varied by race and by cohort, the completion rates of full-time students were similar to those of part-time students. Among full-time students, Black students' completion rates were the lowest in each cohort, while Asian students' rates were the highest. Among part-time students, generally, Black and Hispanic students had the lowest completion rates, and White and Asian students had the highest completion rates. However, in the Fall 2012 cohort, the success rates of White, Black, and Asian students were virtually the same.

**Table 4. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

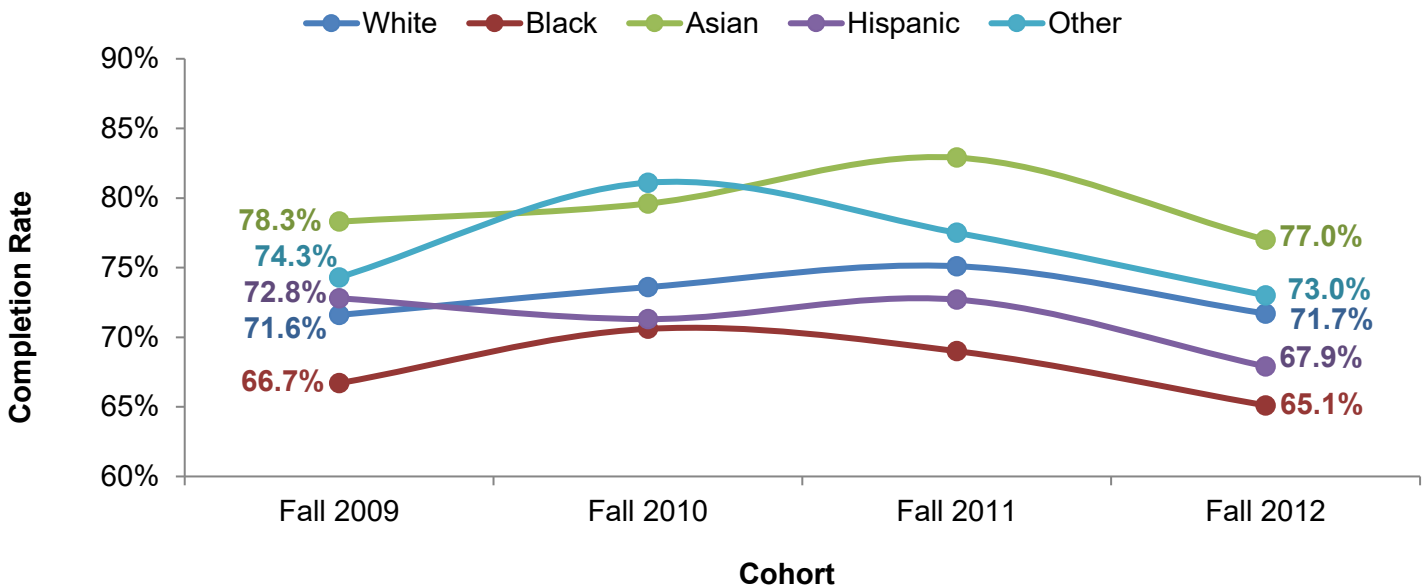
Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	3,268	2,341	71.6	3,608	2,654	73.6	3,381	2,539	75.1	3,871	2,776	71.7
	Black	878	586	66.7	831	587	70.6	930	642	69.0	1,100	716	65.1
	Asian	1,134	888	78.3	1,177	937	79.6	1,167	967	82.9	1,315	1,013	77.0
	Hispanic	1,166	849	72.8	988	704	71.3	1,084	788	72.7	1,216	826	67.9
	Native American*	26	19	73.1	16	10	62.5	13	10	76.9	8	5	62.5
	Other	501	372	74.3	254	206	81.1	89	69	77.5	100	73	73.0
Part-Time	White	1,265	950	75.1	1,479	1,108	74.9	1,348	965	71.6	1,890	1,371	72.5
	Black	429	296	69.0	387	278	71.8	403	270	67.0	517	374	72.3
	Asian	298	217	72.8	307	229	74.6	327	250	76.5	442	320	72.4
	Hispanic	437	315	72.1	384	267	69.5	422	302	71.6	490	339	69.2
	Native American*	7	6	85.7	7	6	85.7	6	1	16.7	7	6	85.7
	Other	165	132	80.0	102	69	67.6	39	27	69.2	52	43	82.7%

\*Sample size is too small to make accurate comparisons.

Figure 6 (next page) shows the gateway course completion rates of full-time students by race/ethnicity. Asian students and Other students had the highest completion rates in each cohort of full-time students, between 78 and 83 percent. Completion rates for Black students ranged from 65 to 71 percent; for White students, 72 to 75 percent; and for Hispanic students, 68 to 73 percent.



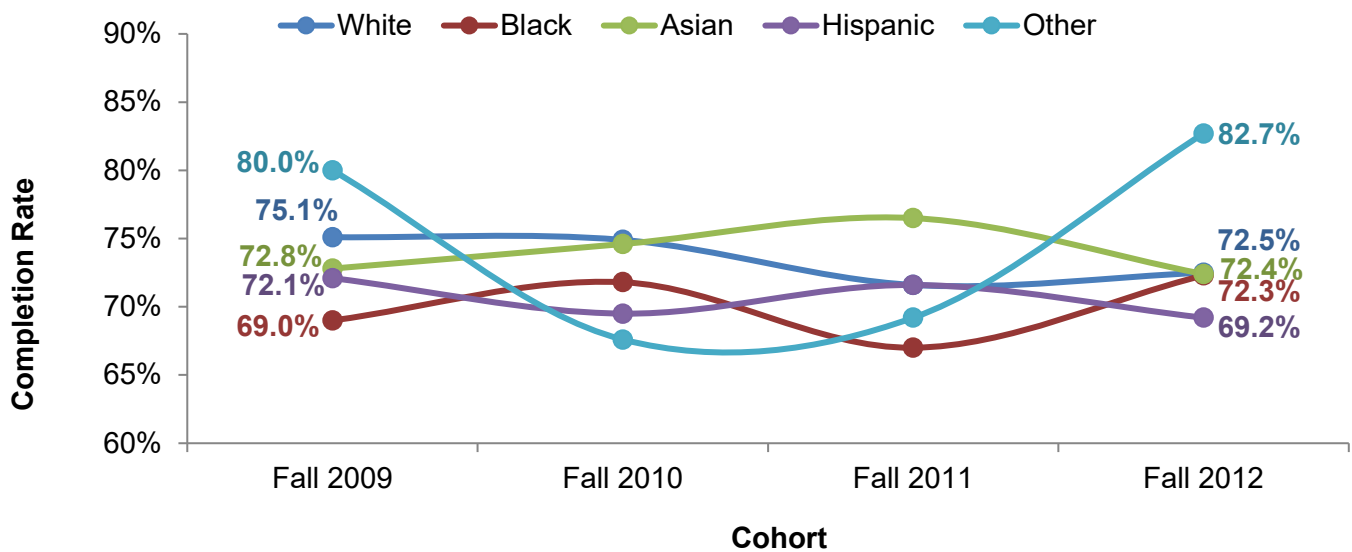
**Figure 6. Successful Gateway Course Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 7 shows gateway course completion rates of part-time students by race/ethnicity. As with full-time students, most of the racial/ethnic groups had completion rates in the 70 to 75 percent range. Exceptions to this include the Fall 2009 and Fall 2012 cohorts of Other students (80 percent and 83 percent, respectively).

**Figure 7. Successful Gateway Course Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



### Section 1.4. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Program Placement

Table 5 shows the overall gateway course completion rates by full-/part-time status and program placement. "Program placement" refers to a student's enrollment in an A.A., A.S., A.A.A., or A.A.S. degree program or in a certificate program. Among both full-time and part-time students, A.A.A. students showed the largest variation in gateway course completion rates across cohorts. Students enrolled in A.S. degree programs generally had higher completion rates than other groups, regardless of full- or part-time status. Part-time students who were not placed had substantially higher gateway course completion rates than their full-time counterparts.

**Table 5. Successful Gateway Course Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	1,188	843	71.0	1,121	843	75.2	1,000	751	75.1	1,113	785	70.5
	A.S.	3,578	2,686	75.1	3,728	2,828	75.9	4,091	3,152	77.0	4,941	3,583	72.5
	A.A.A.	85	57	67.1	77	57	74.0	64	49	76.6	40	20	50.0
	A.A.S.	1,195	824	69.0	1,090	768	70.5	848	608	71.7	907	628	69.2
	Certificate	216	151	69.9	278	187	67.3	160	100	62.5	224	129	57.6
	Not Placed	711	494	69.5	580	415	71.6	501	355	70.9	385	264	68.6
Part-Time	A.A.	301	199	66.1	252	172	68.3	272	185	68.0	343	234	68.2
	A.S.	987	722	73.2	1,119	810	72.4	1,326	952	71.8	1,571	1,061	67.5
	A.A.A.	27	22	81.5	35	20	57.1	23	16	69.6	28	16	57.1
	A.A.S.	454	318	70.0	437	291	66.6	358	241	67.3	403	263	65.3
	Certificate	87	55	63.2	130	80	61.5	97	59	60.8	120	77	64.2
	Not Placed	745	600	80.5	693	584	84.3	469	362	77.2	933	802	86.0

Figure 8 (next page) shows the gateway course completion rates of full-time students by program placement. In the Fall 2009 cohort, gateway completion rates of full-time students ranged from 67 to 75 percent. Differences in completion rates by program placement were more pronounced in subsequent cohorts. Full-time students enrolled in A.S. degree programs, representing the largest sub-group, held the highest completion rates in every cohort (between 73 and 77 percent).

**Figure 8. Successful Gateway Course Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**

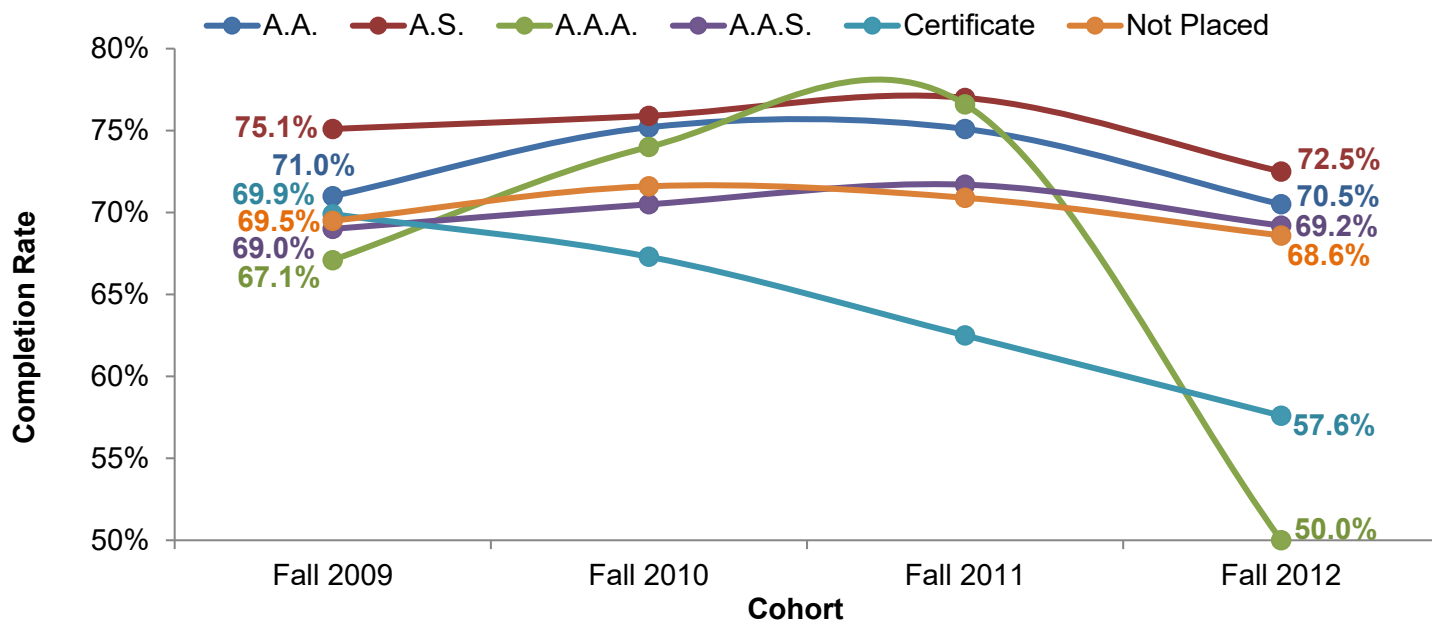
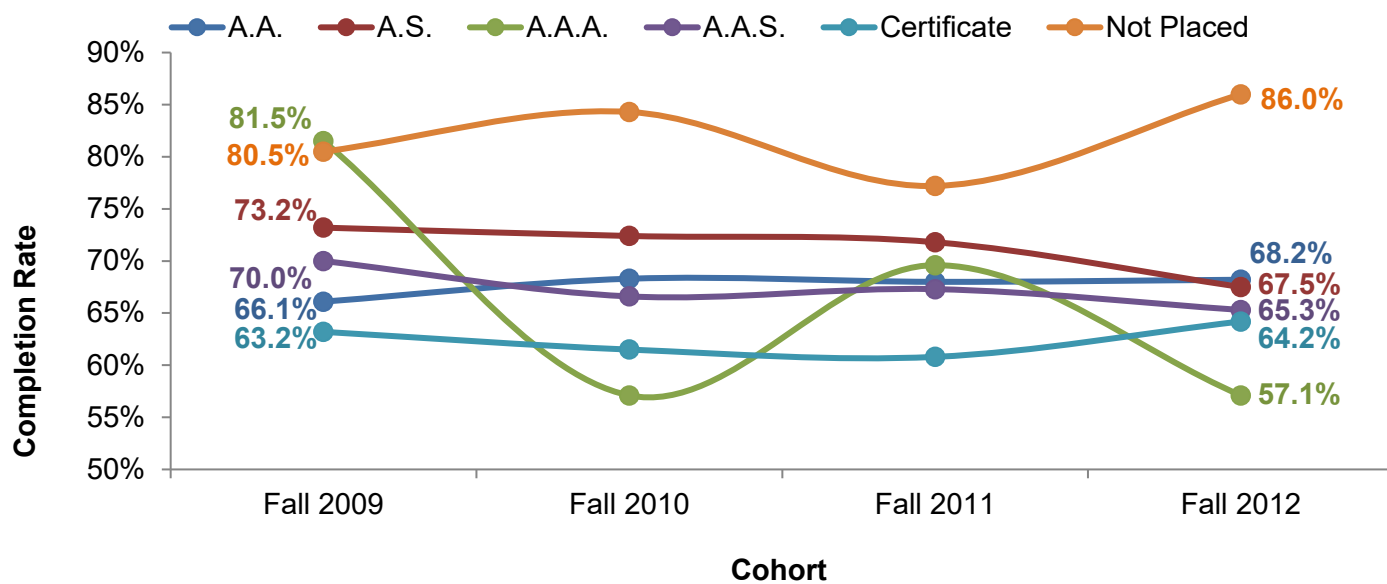


Figure 9 shows gateway course completion rates for part-time students by program placement. With the exception of the Fall 2009 cohort, part-time students who were not placed had the highest gateway course completion rates in each cohort. In the Fall 2012 cohort, the completion rate for these students was nearly 18 percentage points higher than the rate for any other sub-group. The lowest course completion rate varied among the groups for each cohort.

**Figure 9. Successful Gateway Course Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



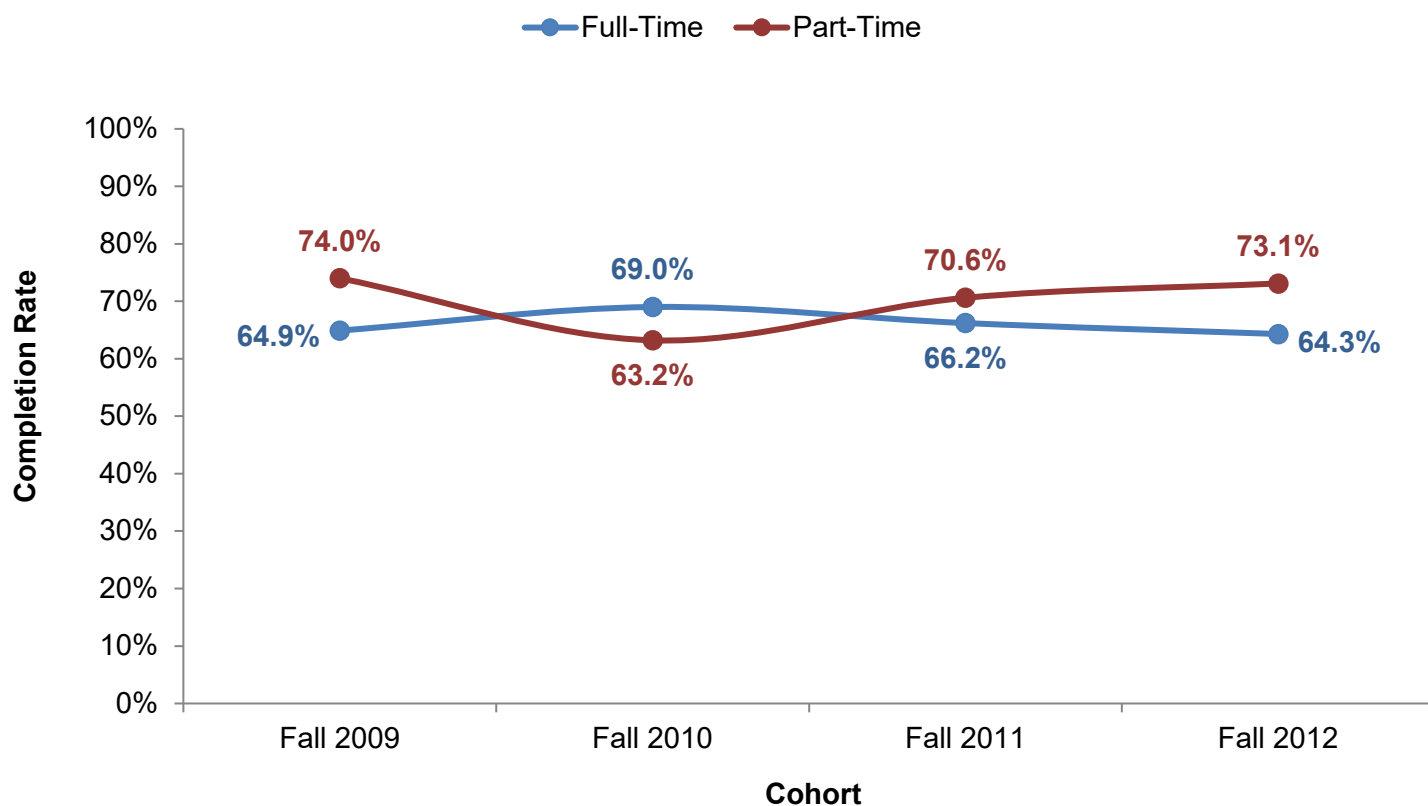
## Section 2. Accounting 211 Successful Completion Rates by Full-/Part-Time Status

This section examines successful course completion rates of first-time to NOVA students enrolled in Accounting 211. Table 6 and Figure 10 below show Accounting 211 completion rates by full- and part-time status. For each cohort except the Fall 2010 cohort, part-time students had higher completion rates than full-time students.

**Table 6. Accounting 211 Successful Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	482	313	64.9	442	305	69.0	447	296	66.2	459	295	64.3
Part-Time	269	199	74.0	239	151	63.2	231	163	70.6	227	166	73.1
<b>Total</b>	<b>751</b>	<b>512</b>	<b>68.2</b>	<b>681</b>	<b>456</b>	<b>67.0</b>	<b>678</b>	<b>459</b>	<b>67.7</b>	<b>686</b>	<b>461</b>	<b>67.2</b>

**Figure 10. Accounting 211 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**



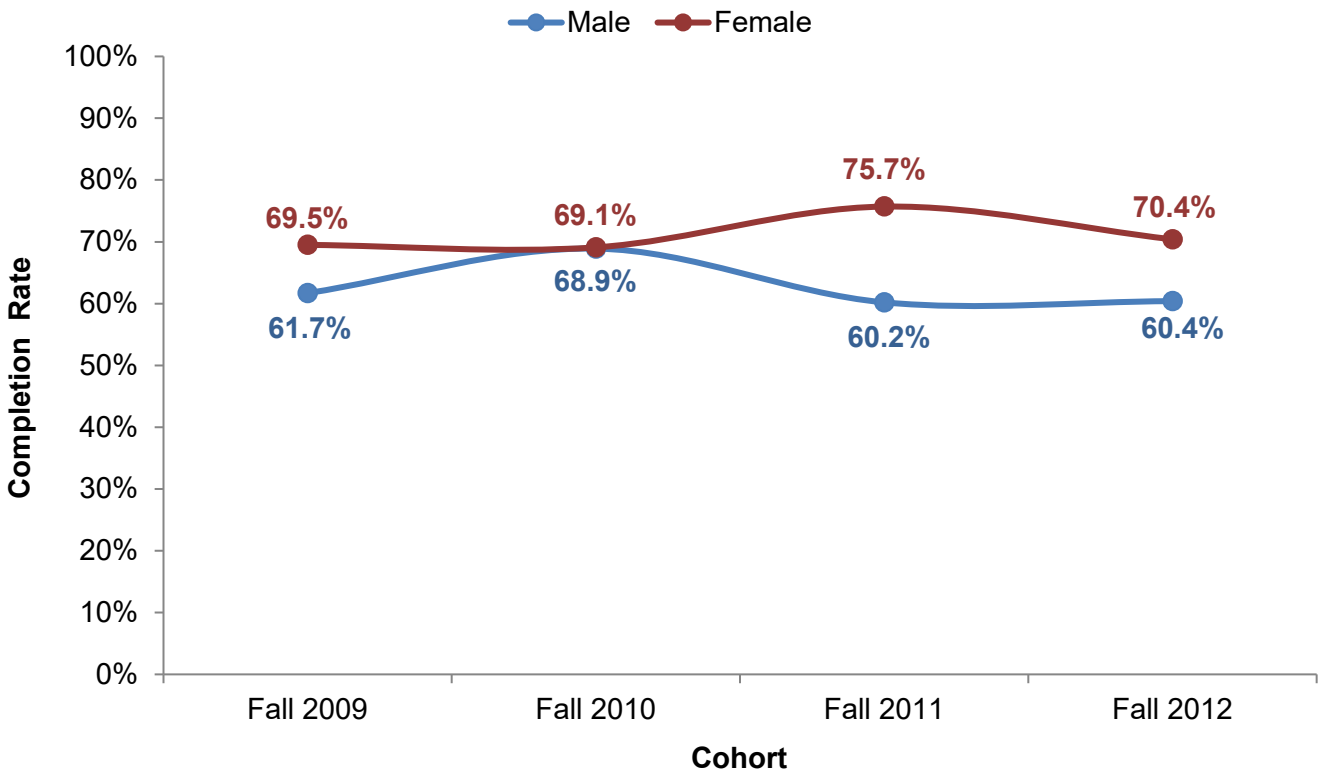
**Section 2.1. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Gender**

Table 7, Figure 11, and Figure 12 (see next page for Figure 12) show completion rates for Accounting 211 by full-/part-time status and gender. Among both full-time and part-time students in every cohort, female students had higher completion rates than male students. Except for the Fall 2011 cohort, part-time female students had the highest completion rates for each cohort. Part-time male students had higher completion rates than full-time male students except for the Fall 2010 cohort.

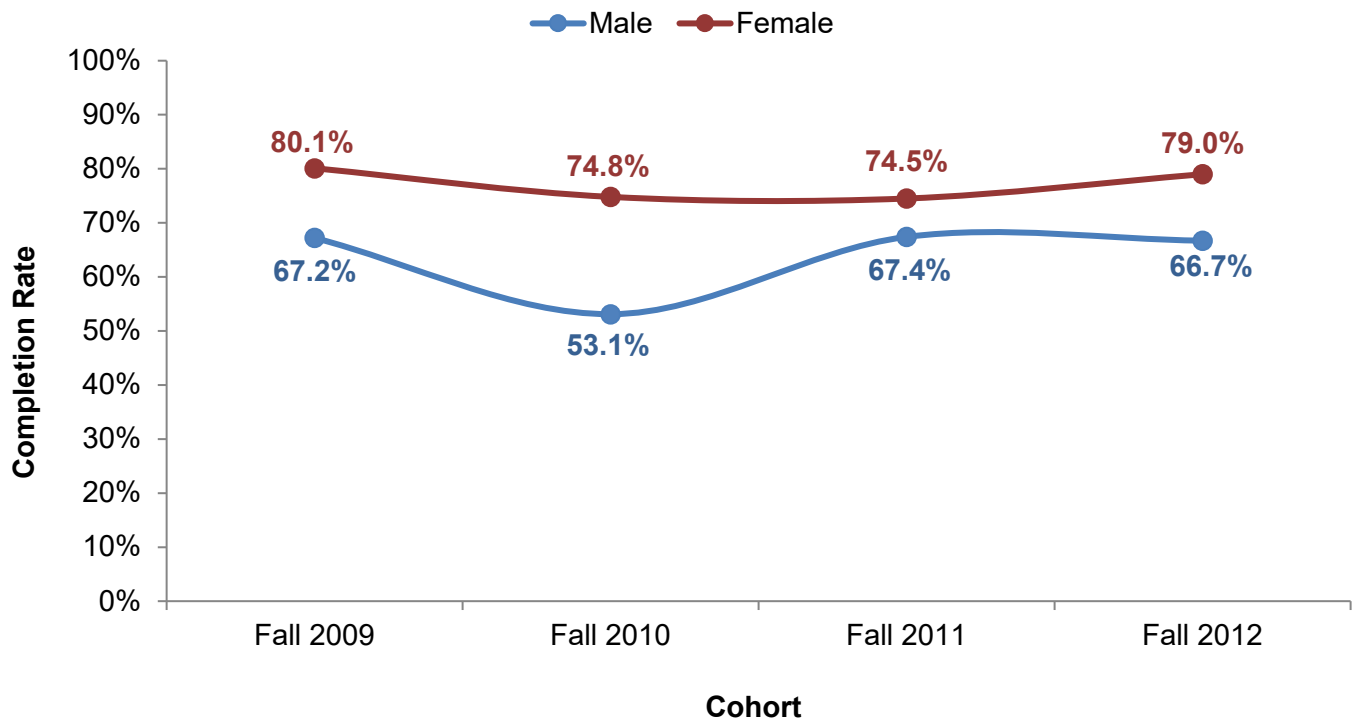
**Table 7. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	282	174	61.7	267	184	68.9	274	165	60.2	280	169	60.4
	Female	200	139	69.5	175	121	69.1	173	131	75.7	179	126	70.4
Part-Time	Male	128	86	67.2	128	68	53.1	129	87	67.4	108	72	66.7
	Female	141	113	80.1	111	83	74.8	102	76	74.5	119	94	79.0

**Figure 11. Accounting 211 Successful Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



**Figure 12. Accounting 211 Successful Completion Rates of Part-Time Students by Gender:  
Fall 2009 through Fall 2012 Cohorts**



## Section 2.2. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Age

Table 8 shows Accounting 211 completion rates by full-/part-time status and age. Full-time students ages 30 to 44 tended to have higher completion rates than other full-time age groups. Part-time students ages 30 and over had higher completion rates than other part-time students age groups.

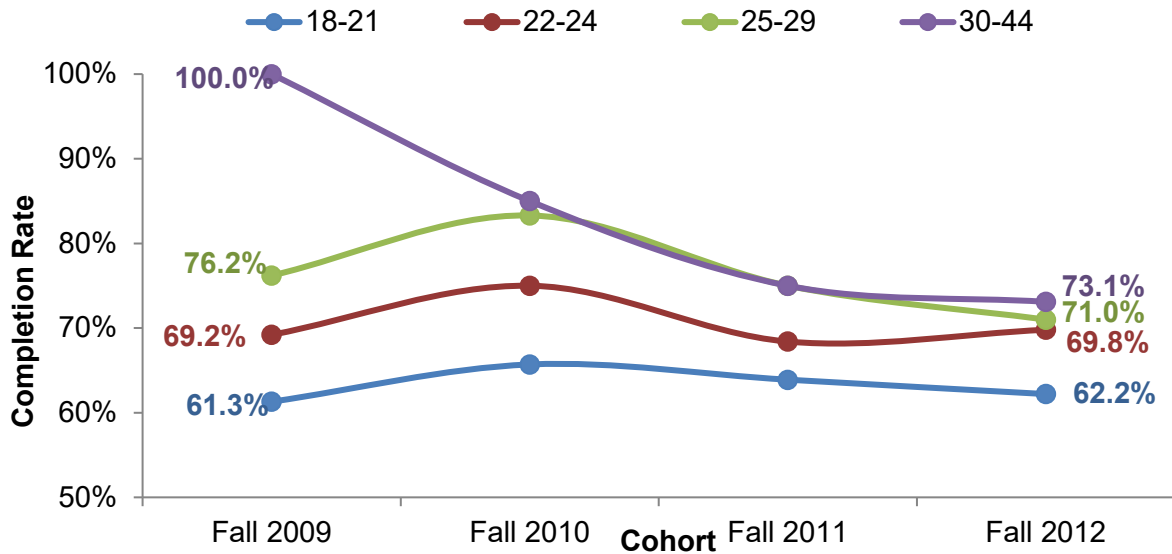
**Table 8. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Age:  
Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18*	6	5	83.3	10	9	90.0	6	6	100.0	5	3	60.0
	18-21	377	231	61.3	341	224	65.7	349	223	63.9	349	217	62.2
	22-24	39	27	69.2	40	30	75.0	38	26	68.4	43	30	69.8
	25-29	42	32	76.2	30	25	83.3	32	24	75.0	31	22	71.0
	30-44	16	16	100.0	20	17	85.0	20	15	75.0	26	19	73.1
	45 & Over*	2	2	100.0	1	0	0.0	2	2	100.0	5	4	80.0
Part-Time	Under 18*	3	2	66.7	3	2	66.7	2	1	50.0	3	3	100.0
	18-21	105	60	57.1	87	32	36.8	98	57	58.2	89	50	56.2
	22-24	35	28	80.0	26	18	69.2	27	21	77.8	20	10	50.0
	25-29	48	38	79.2	45	33	73.3	31	22	71.0	41	34	82.9
	30-44	54	49	90.7	54	47	87.0	54	45	83.3	58	53	91.4
	45 & Over	24	22	91.7	24	19	79.2	19	17	89.5	16	16	100.0

\*Sample size is too small to make accurate comparisons.

Figure 13 (next page) shows completion rates by age for full-time students enrolled in Accounting 211. Students ages 18 to 21, the majority of full-time students, had similar rates of completion across cohorts (61 to 66 percent). Although students ages 30 to 44 had the highest completion rates, it is important to note that this represented a very small number of students in each cohort.

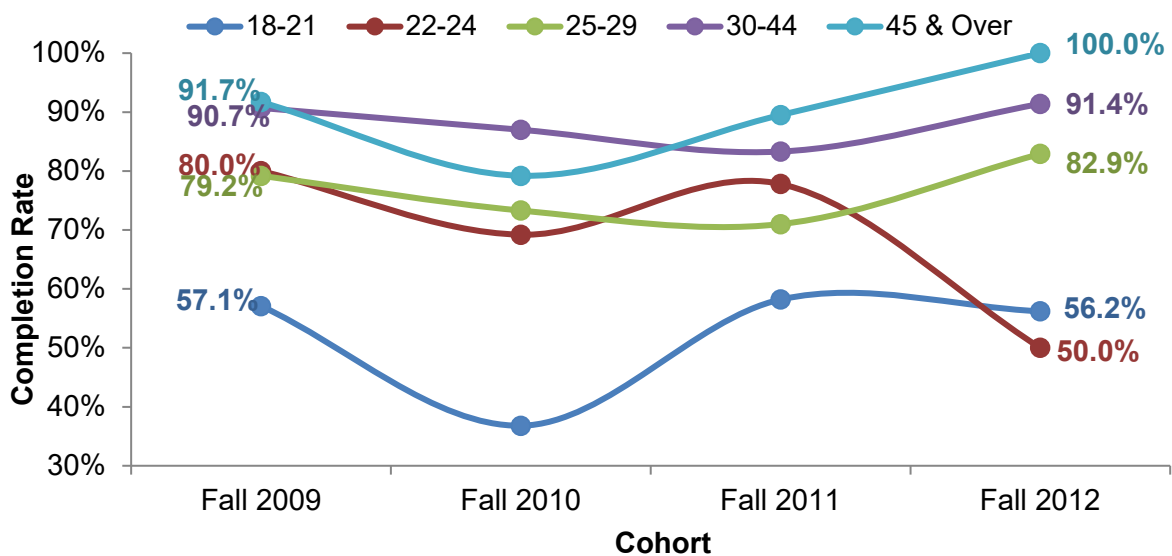
**Figure 13. Accounting 211 Successful Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 14 shows Accounting 211 completion rates of part-time students by age. As with full-time students, the majority of part-time students were between the ages of 18 and 21. These students had consistently lower completion rates (37 to 58 percent) than any other age group in each cohort. Students ages 30 and older had the highest completion rates for all four cohorts.

**Figure 14. Accounting 211 Successful Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.



**Section 2.3. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity**

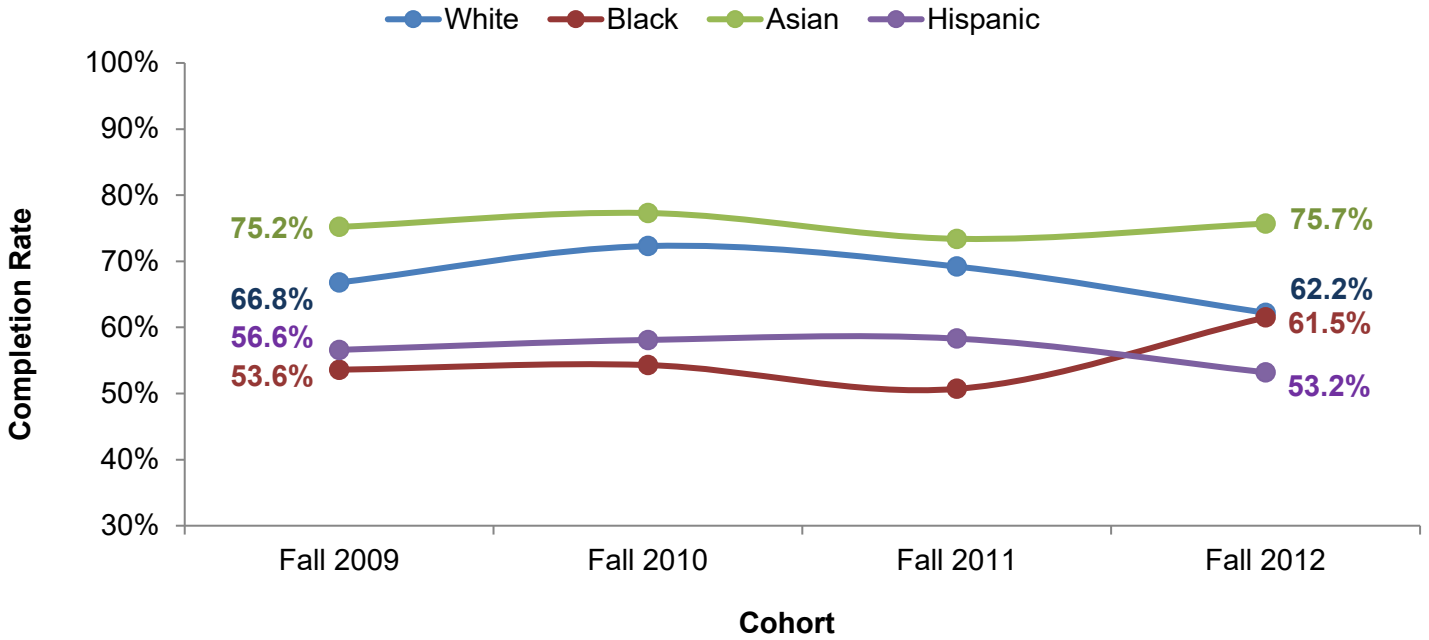
Table 9, Figure 15 and Figure 16 (see next page for figures) show Accounting 211 completion rates by full-/part-time status and race/ethnicity. Full-time Asian students had the highest completion rates when compared to other full-time racial/ethnic groups. Among part-time students, White and Asian students had the highest completion rates.

**Table 9. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	211	141	66.8	195	141	72.3	227	157	69.2	241	150	62.2
	Black	69	37	53.6	70	38	54.3	71	36	50.7	65	40	61.5
	Asian	113	85	75.2	97	75	77.3	94	69	73.4	103	78	75.7
	Hispanic	53	30	56.6	62	36	58.1	48	28	58.3	47	25	53.2
	Native American*	3	2	66.7	1	0	0.0	1	0	0.0	0	0	0.0
	Other*	33	18	54.5	17	15	88.2	6	6	100.0	3	2	66.7
Part-Time	White	122	96	78.7	126	85	67.5	108	81	75.0	125	89	71.2
	Black	49	33	67.3	56	33	58.9	53	30	56.6	36	26	72.2
	Asian	39	29	74.4	29	15	51.7	40	30	75.0	36	29	80.6
	Hispanic	39	23	59.0	19	12	63.2	23	16	69.6	23	15	65.2
	Native American*	1	0	0.0	2	1	50.0	0	0	0.0	1	1	100.0
	Other*	19	18	94.7	7	5	71.4	7	6	85.7	6	6	100.0

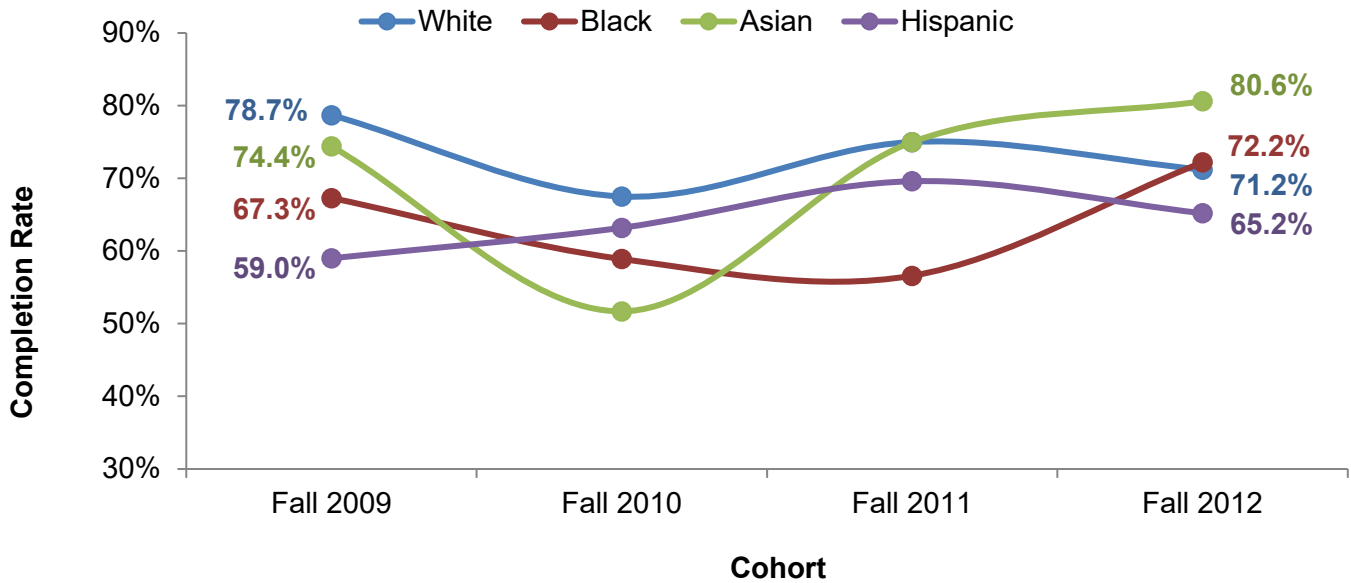
\*Sample size is too small to make accurate comparisons.

**Figure 15. Accounting 211 Successful Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 16. Accounting 211 Successful Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

## Section 2.4. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Program Placement

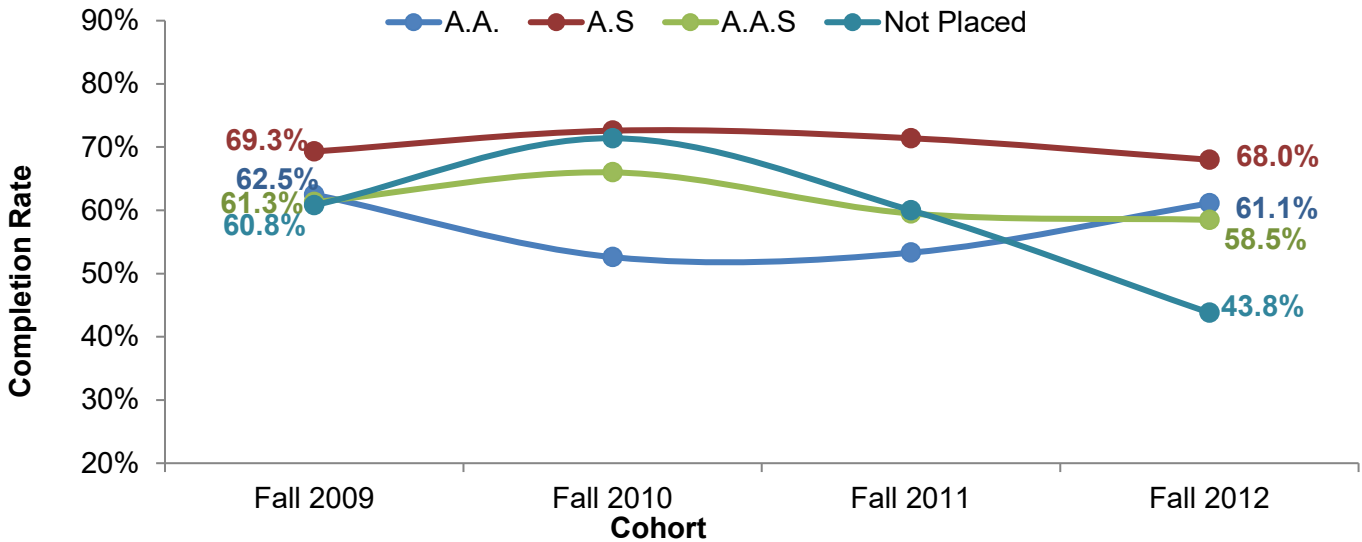
Table 10 shows the Accounting 211 completion rates of first-time to NOVA students by full-/part-time status and program placement. Among the two largest program placement categories of full-time students, those who were placed in A.S. degree programs had higher completion rates than those who were placed in A.A.S degree programs. Among the largest categories of part-time students, those who were not placed in a degree program had higher completion rates than their program-placed counterparts for each cohort.

**Table 10. Accounting 211 Successful Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	24	15	62.5	19	10	52.6	15	8	53.3	18	11	61.1
	A.S.	225	156	69.3	226	164	72.6	273	195	71.4	291	198	68.0
	A.A.A.*	1	0	0.0	2	2	100.0	1	1	100.0	0	0	0.0
	A.A.S.	163	100	61.3	147	97	66.0	121	72	59.5	118	69	58.5
	Certificate*	18	11	61.1	13	7	53.8	7	2	28.6	16	10	62.5
	Not Placed	51	31	60.8	35	25	71.4	30	18	60.0	16	7	43.8
Part-Time	A.A.*	6	4	66.7	2	2	100.0	4	4	100.0	3	2	66.7
	A.S.	73	44	60.3	76	45	59.2	90	60	66.7	76	54	71.1
	A.A.A.*	1	1	100.0	0	0	0.0	0	0	0.0	2	1	50.0
	A.A.S.	102	76	74.5	91	55	60.4	77	53	68.8	68	47	69.1
	Certificate	10	7	70.0	27	17	63.0	18	15	83.3	26	19	73.1
	Not Placed	77	67	87.0	43	32	74.4	42	31	73.8	52	43	82.7

\*Sample size is too small to make accurate comparisons.

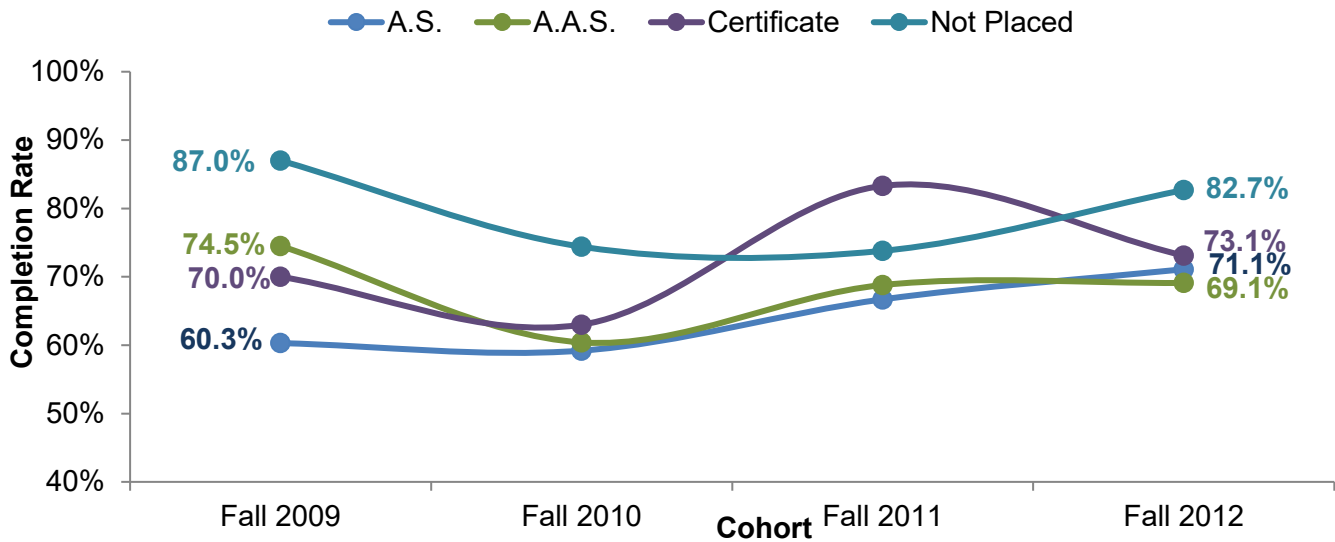
**Figure 17. Accounting 211 Successful Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 18 depicts Accounting 211 completion rates of part-time students by program placement. Consistently, part-time students who were not placed had higher completion rates for each cohort. For the Fall 2010 through Fall 2012 cohorts, students in A.S. and A.A.S degree programs had similar completion rates for Accounting 211.

**Figure 18. Accounting 211 Successful Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

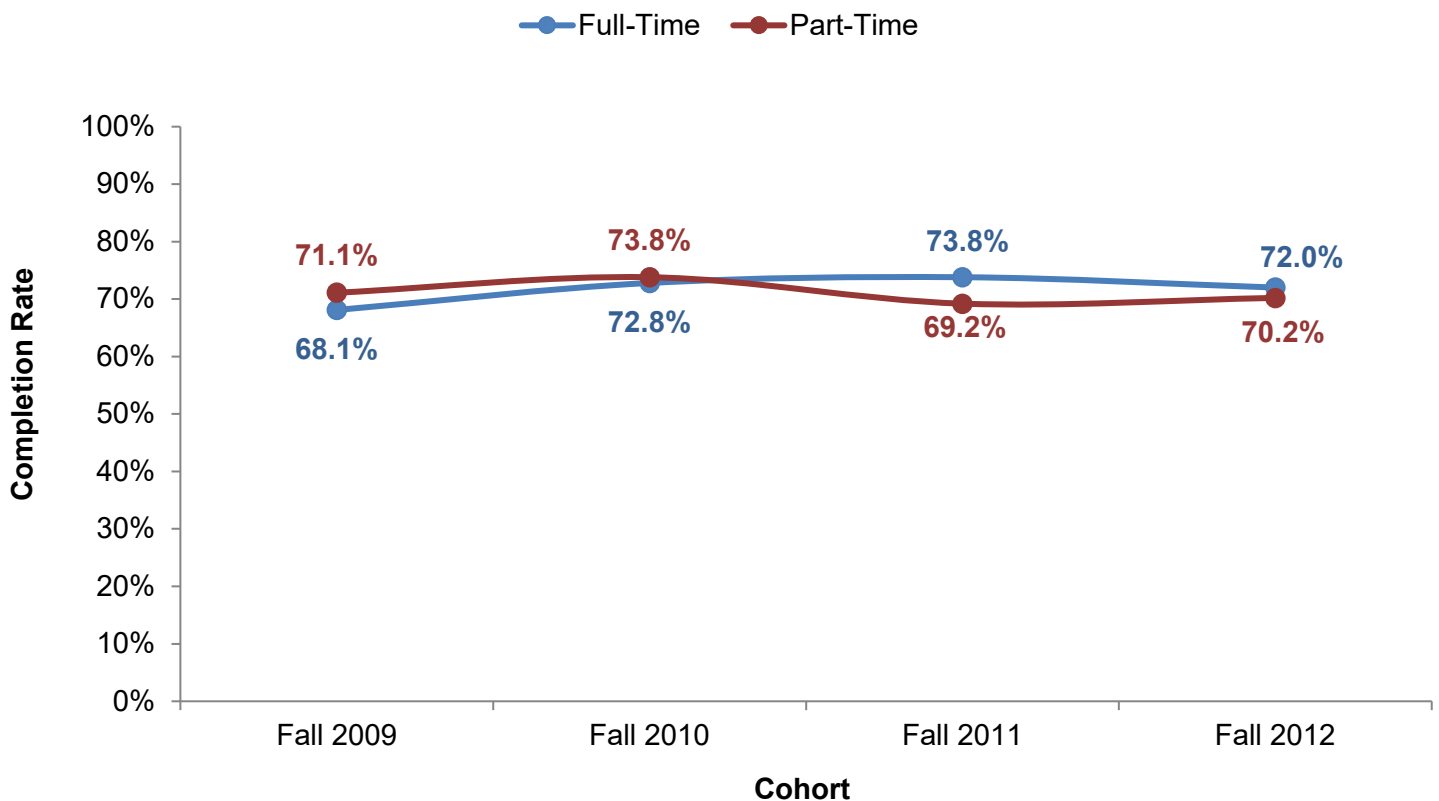
### Section 3. Biology 101 Successful Completion Rates by Full-/Part-Time Status

This section examines the rates of successful course completion for first-time to NOVA students enrolled in Biology 101. Table 11 and Figure 19 below show Biology 101 completion rates by full-/part-time status. For the Fall 2009 and Fall 2010 cohorts, part-time students had higher completion rates than full-time students. However, for the Fall 2011 and Fall 2012 cohorts, full-time students had higher completion rates than part-time students.

**Table 11. Biology 101 Successful Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	1,456	991	68.1	1,349	982	72.8	1,265	933	73.8	1,396	1,005	72.0
Part-Time	381	271	71.1	382	282	73.8	377	261	69.2	443	311	70.2
<b>Total</b>	<b>1,837</b>	<b>1,262</b>	<b>68.7</b>	<b>1,731</b>	<b>1,264</b>	<b>73.0</b>	<b>1,642</b>	<b>1,194</b>	<b>72.7</b>	<b>1,839</b>	<b>1,316</b>	<b>71.6</b>

**Figure 19. Biology 101 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**



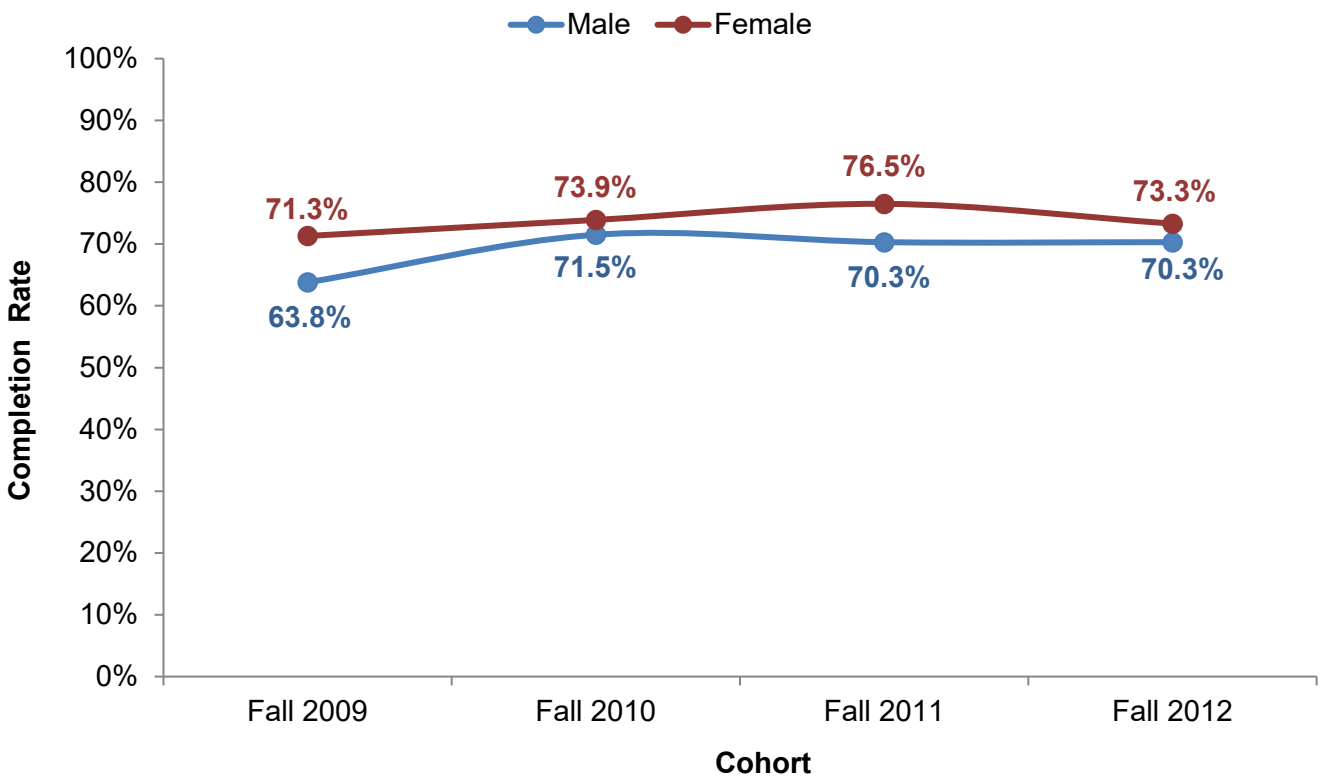
### Section 3.1. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Gender

Table 12, Figure 20, and Figure 21 (see next page for Figure 21) show completion rates for Biology 101 by full-/part-time status and gender. Among both full-time and part-time students in every cohort, female students had higher completion rates than male students. The completion rates of female students were similar (71 to 77 percent) for both full-time and part-time students.

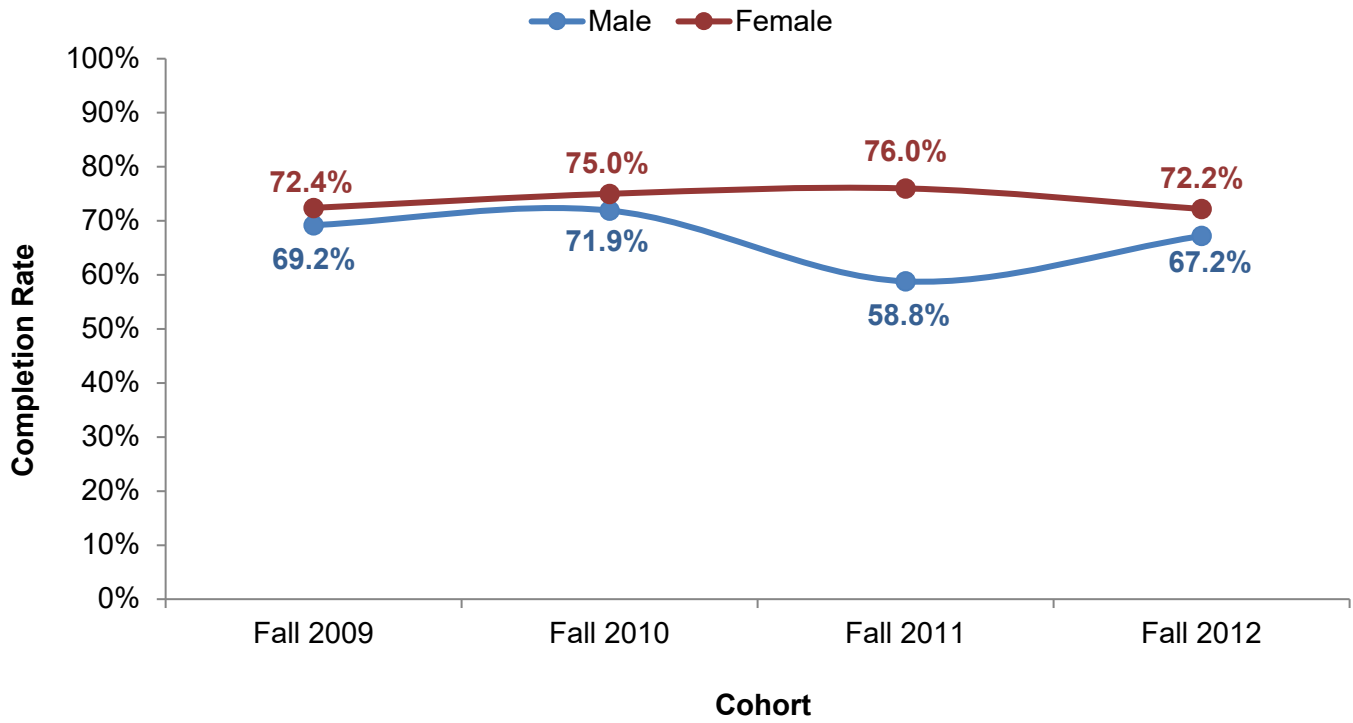
**Table 12. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	636	406	63.8	624	446	71.5	559	393	70.3	599	421	70.3
	Female	820	585	71.3	725	536	73.9	706	540	76.5	797	584	73.3
Part-Time	Male	156	108	69.2	146	105	71.9	148	87	58.8	180	121	67.2
	Female	225	163	72.4	236	177	75.0	229	174	76.0	263	190	72.2

**Figure 20. Biology 101 Successful Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



**Figure 21. Biology 101 Successful Completion Rates of Part-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



### Section 3.2. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Age

Table 13, Figure 22, and Figure 23 (see next page for figures) show Biology 101 completion rates by full-/part-time status and age. For the Fall 2009 and 2010 cohorts, full-time students ages 25 to 29 had the highest completion rates. For the Fall 2011 and 2012 cohorts, full-time students ages 30 to 44 had the highest completion rates. For part-time students, those ages 25 to 29 had the highest completion rates for the Fall 2009, 2010 and 2012 cohorts. For the Fall 2011 cohort, part-time students ages 22 to 24 had the highest completion rate.

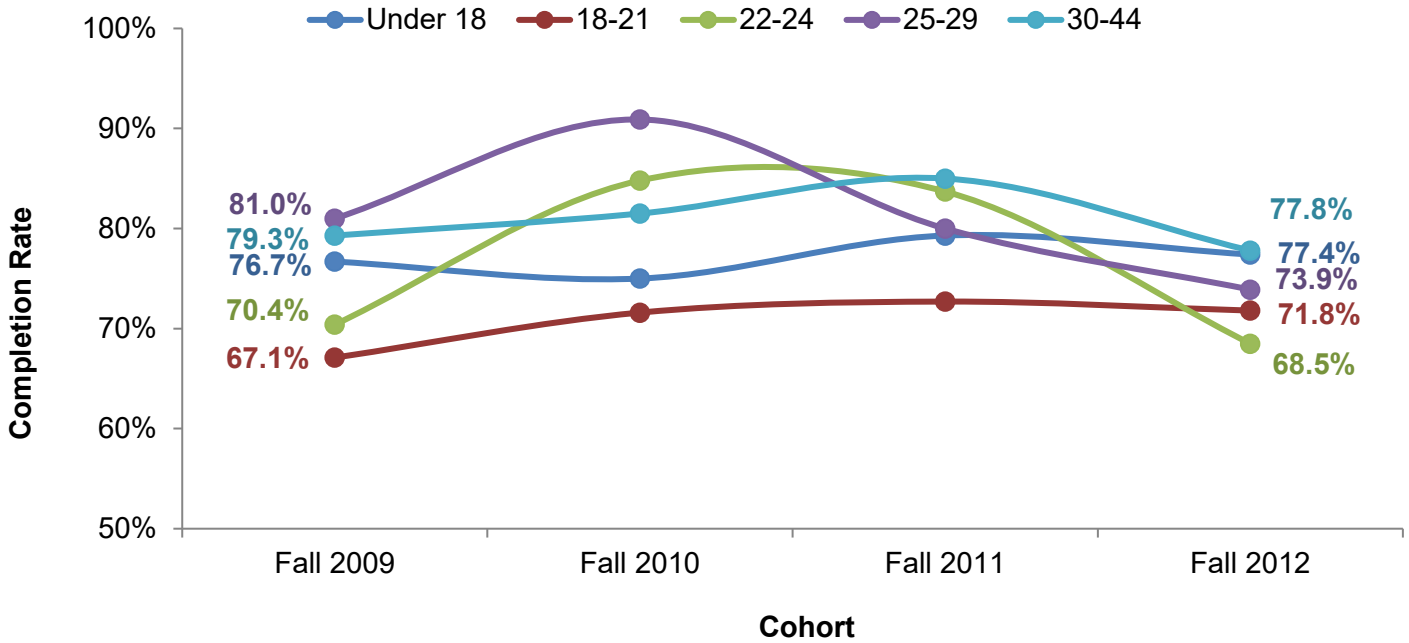
**Table 13. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Age:  
Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18	30	23	76.7	20	15	75.0	29	23	79.3	31	24	77.4
	18-21	1,299	871	67.1	1,221	874	71.6	1,121	815	72.7	1,240	890	71.8
	22-24	54	38	70.4	46	39	84.8	43	36	83.7	54	37	68.5
	25-29	42	34	81.0	33	30	90.9	50	40	80.0	46	34	73.9
	30-44	29	23	79.3	27	22	81.5	20	17	85.0	18	14	77.8
	45 & Over*	2	2	100.0	2	2	100.0	2	2	100.0	7	6	85.7
Part-Time	Under 18	21	16	76.2	17	15	88.2	16	11	68.8	29	24	82.8
	18-21	217	130	59.9	238	156	65.5	238	156	65.5	298	191	64.1
	22-24	36	31	86.1	37	29	78.4	34	27	79.4	31	23	74.2
	25-29	62	56	90.3	42	39	92.9	37	29	78.4	40	36	90.0
	30-44	37	31	83.8	40	35	87.5	43	30	69.8	39	32	82.1
	45 & Over*	8	7	87.5	8	8	100.0	9	8	88.9	6	5	83.3

\*Sample size is too small to make accurate comparisons.

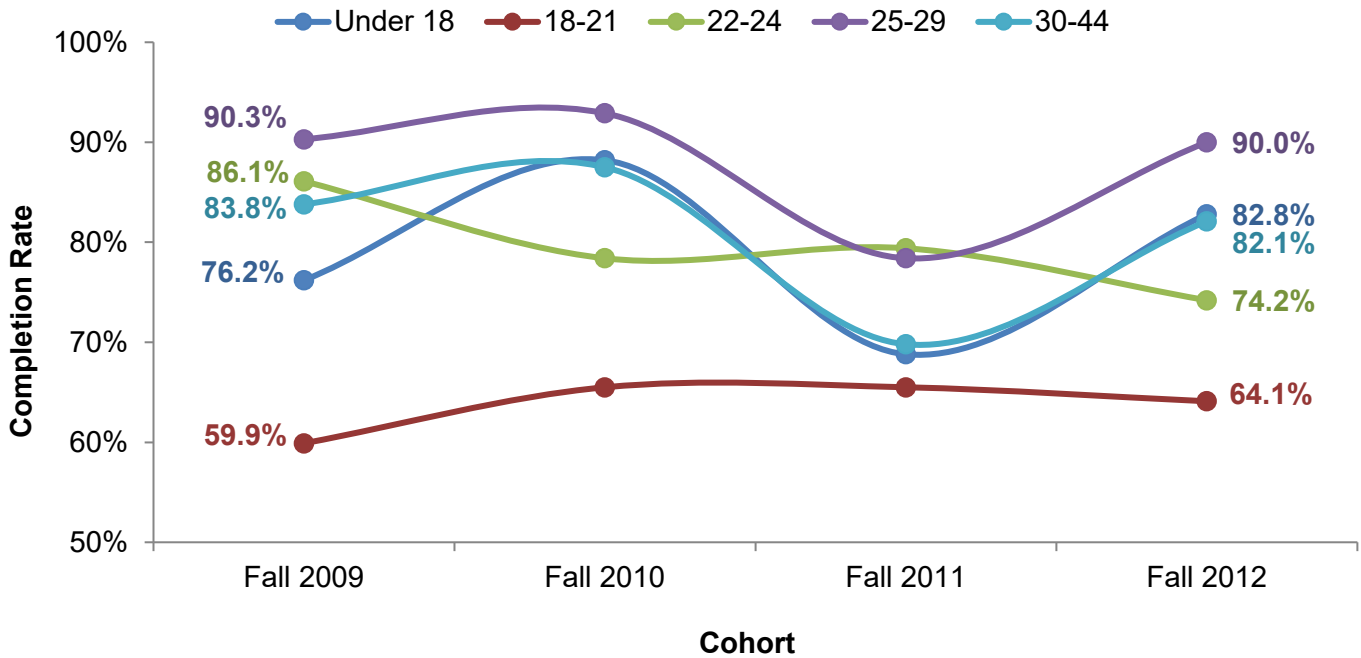


**Figure 22. Biology 101 Successful Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 23. Biology 101 Successful Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 3.3. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity

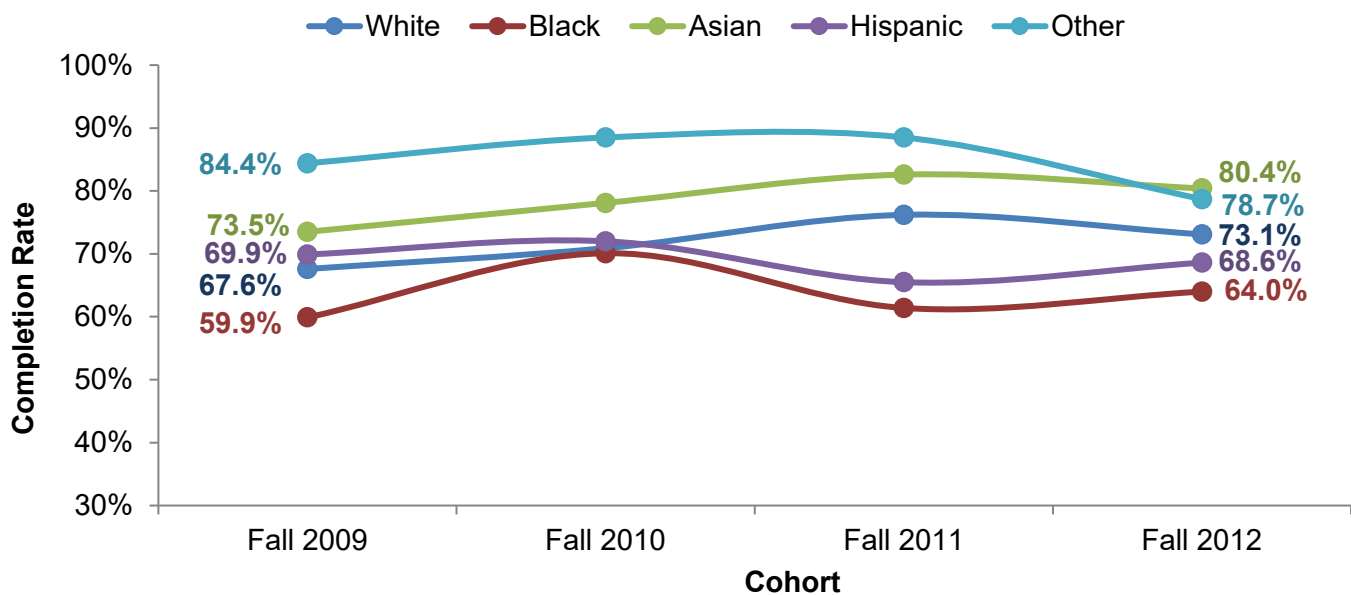
Table 19, Figure 24, and Figure 25 (figures next page) show Biology 101 completion rates by full-/part-time status and race/ethnicity. Among full-time students, Asian students had the highest completion rates for each cohort. Among part-time students, Asian students had the highest completion rates for the Fall 2009, 2011 and 2012 cohorts, while White students had the highest completion rate for the Fall 2010 cohort.

**Table 14. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	682	461	67.6	721	511	70.9	647	493	76.2	740	541	73.1
	Black	197	118	59.9	144	101	70.1	166	102	61.4	197	126	64.0
	Asian	230	169	73.5	247	193	78.1	230	190	82.6	219	176	80.4
	Hispanic	236	165	69.9	182	131	72.0	206	135	65.5	223	153	68.6
	Native American*	7	5	71.4	3	2	66.7	0	0	0.0	1	0	0.0
	Other	104	73	70.2	52	44	84.6	16	13	81.3	16	9	56.3
Part-Time	White	193	139	72.0	219	166	75.8	206	140	68.0	237	167	70.5
	Black	60	38	63.3	50	36	72.0	49	27	55.1	79	59	74.7
	Asian	47	37	78.7	45	31	68.9	54	43	79.6	62	48	77.4
	Hispanic	54	37	68.5	53	40	75.5	62	49	79.0	60	33	55.0
	Native American*	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
	Other*	27	20	74.1	15	9	60.0	6	2	33.3	5	4	80.0

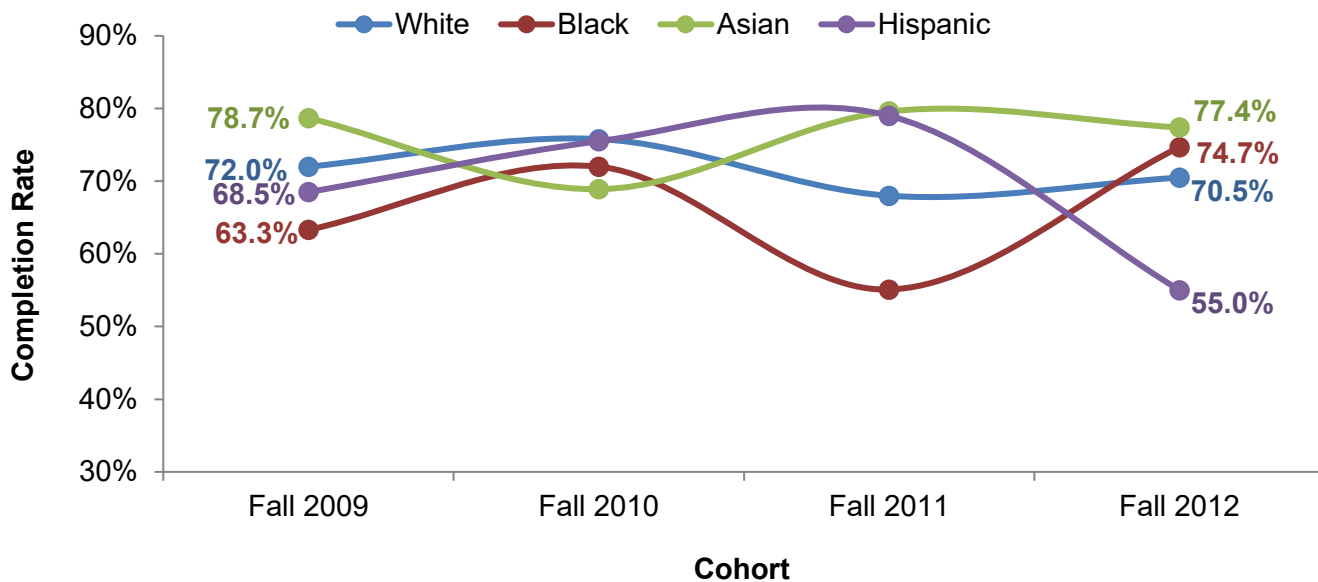
\*Sample size is too small to make accurate comparisons.

**Figure 24. Biology 101 Successful Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 25. Biology 101 Successful Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 3.4. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Program Placement

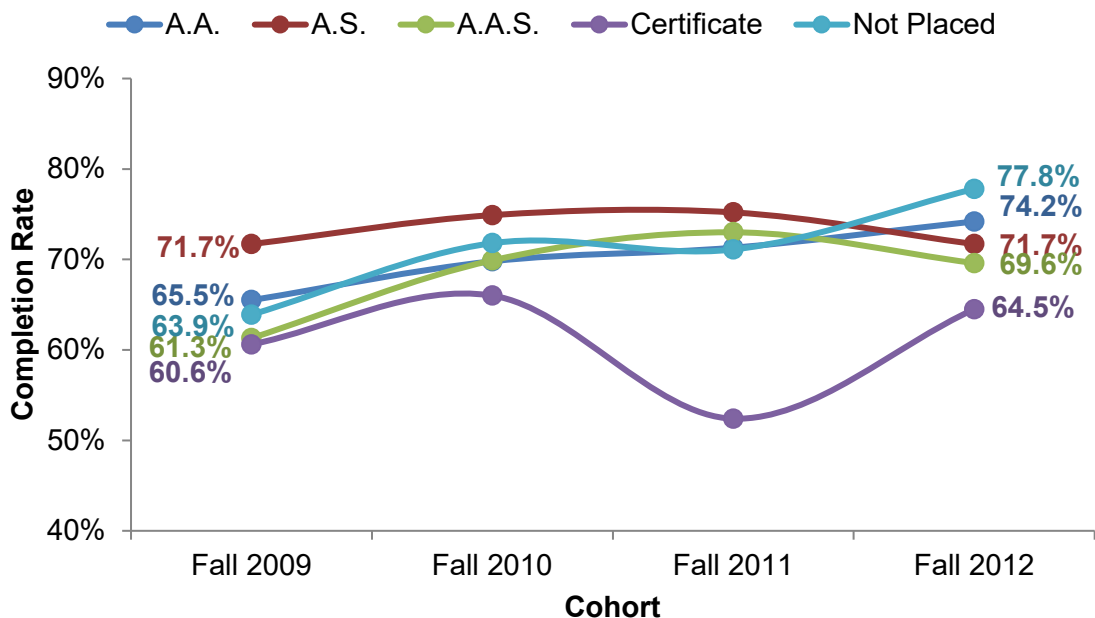
Table 15, Figure 26 and Figure 27 (figures next page) show the Biology 101 completion rates of first-time to NOVA students by full-/part-time status and program placement. Among full-time students, students placed in A.S. degrees had the highest completion rates in each cohort except Fall 2012, when A.A. degree program students had the highest rate. Students placed in certificate programs had the lowest completion rates in each full-time cohort. Among part-time students, Not Placed students had the highest completion rates in every cohort. A.A. degree program students had the lowest rates in each part-time cohort except Fall 2010.

**Table 15. Biology 101 Successful Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	249	163	65.5	222	155	69.8	178	127	71.3	209	155	74.2
	A.S.	836	599	71.7	780	584	74.9	851	640	75.2	961	689	71.7
	A.A.A.*	7	2	28.6	10	7	70.0	7	5	71.4	2	0	0.0
	A.A.S.	173	106	61.3	156	109	69.9	111	81	73.0	112	78	69.6
	Certificate	33	20	60.6	50	33	66.0	21	11	52.4	31	20	64.5
	Not Placed	158	101	63.9	131	94	71.8	97	69	71.1	81	63	77.8
Part-Time	A.A.	54	33	61.1	40	28	70.0	48	28	58.3	48	27	56.3
	A.S.	185	136	73.5	211	150	71.1	226	156	69.0	271	184	67.9
	A.A.A.*	1	1	100.0	3	1	33.3	4	3	75.0	4	2	50.0
	A.A.S.	33	21	63.6	32	21	65.6	21	15	71.4	30	22	73.3
	Certificate*	9	4	44.4	8	4	50.0	8	2	25.0	8	8	100.0
	Not Placed	99	76	76.8	88	78	88.6	70	57	81.4	82	68	82.9

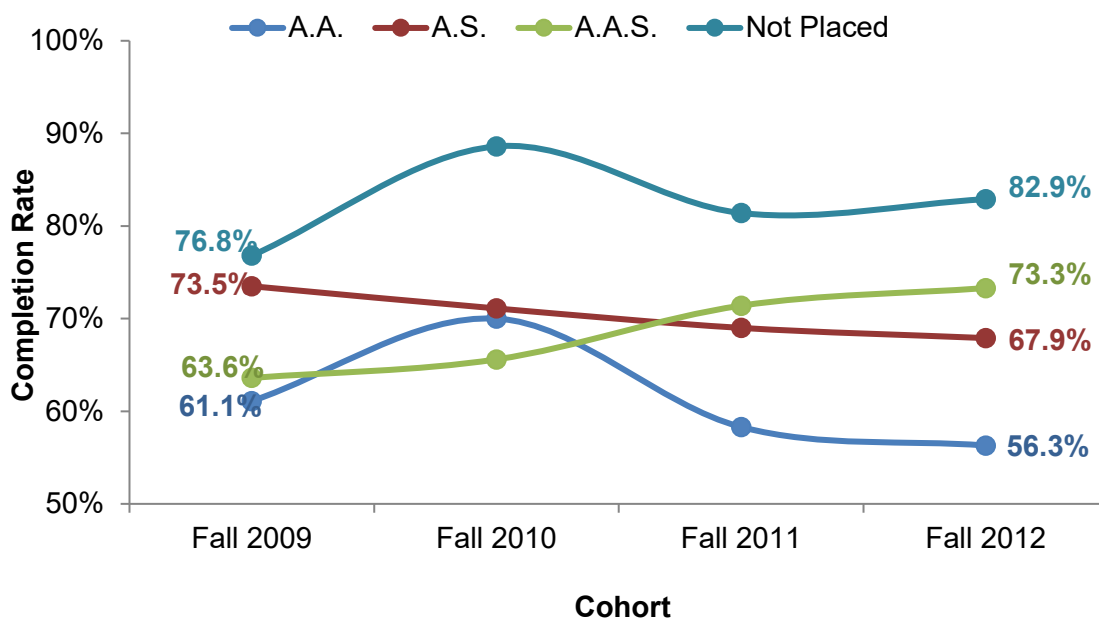
\*Sample size is too small to make accurate comparisons.

**Figure 26. Biology 101 Successful Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 27. Biology 101 Successful Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

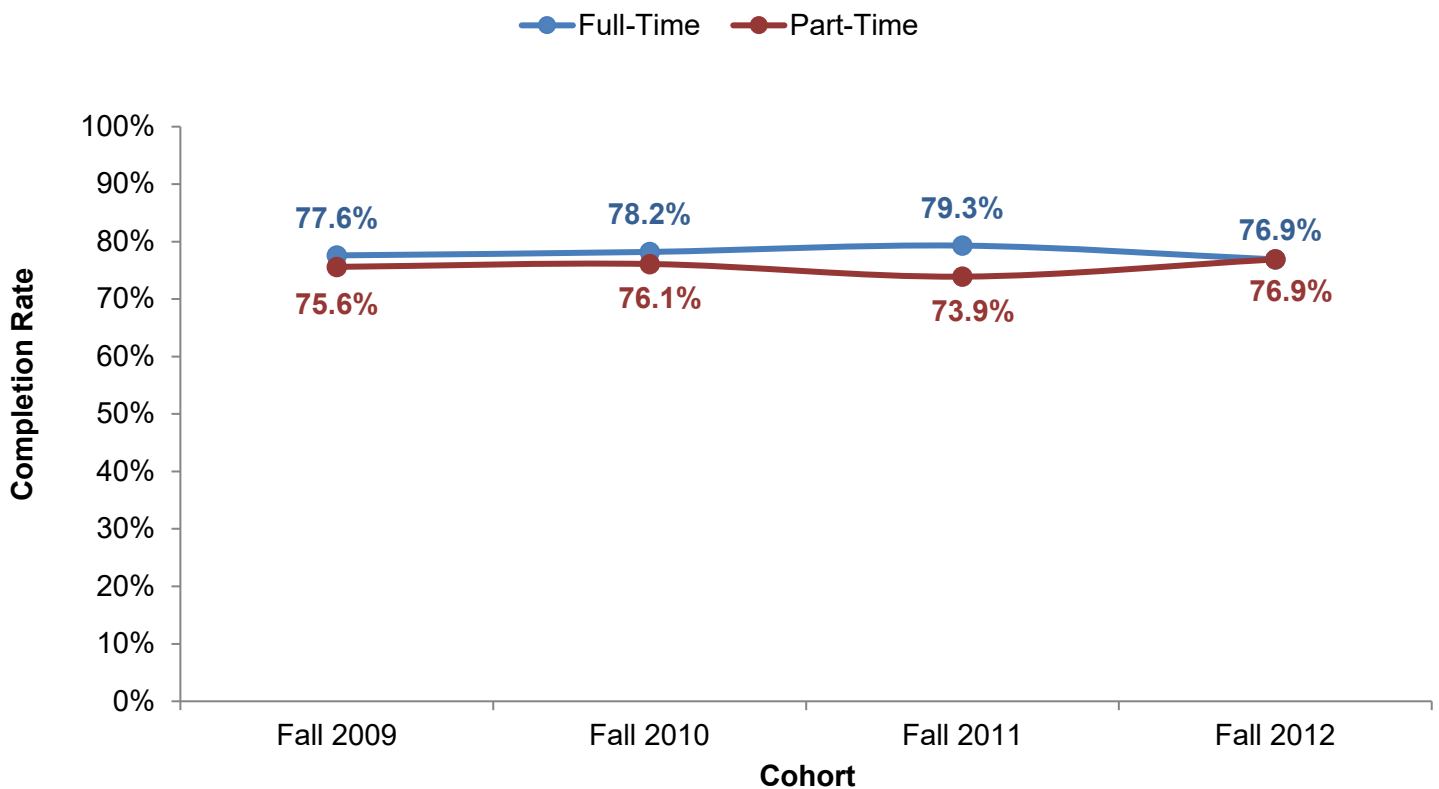
## Section 4. English 111 Successful Completion Rates by Full-/Part-Time Status

This section examines the rates of successful course completion for first-time to NOVA students enrolled in English 111. Table 16 and Figure 28 below show English 111 completion rates by full-/part-time status. In each cohort except Fall 2012, full-time students had slightly higher completion rates than part-time students. In Fall 2012, both full-time and part-time students had a completion rate of 77 percent.

**Table 16. English 111 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	3,489	2,709	77.6	3,467	2,711	78.2	3,405	2,701	79.3	3,735	2,872	76.9
Part-Time	1,537	1,162	75.6	1,626	1,238	76.1	1,439	1,064	73.9	2,062	1,585	76.9
<b>Total</b>	<b>5,026</b>	<b>3,871</b>	<b>77.0</b>	<b>5,093</b>	<b>3,949</b>	<b>77.5</b>	<b>4,844</b>	<b>3,765</b>	<b>77.7</b>	<b>5,797</b>	<b>4,457</b>	<b>76.9</b>

**Figure 28. English 111 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**



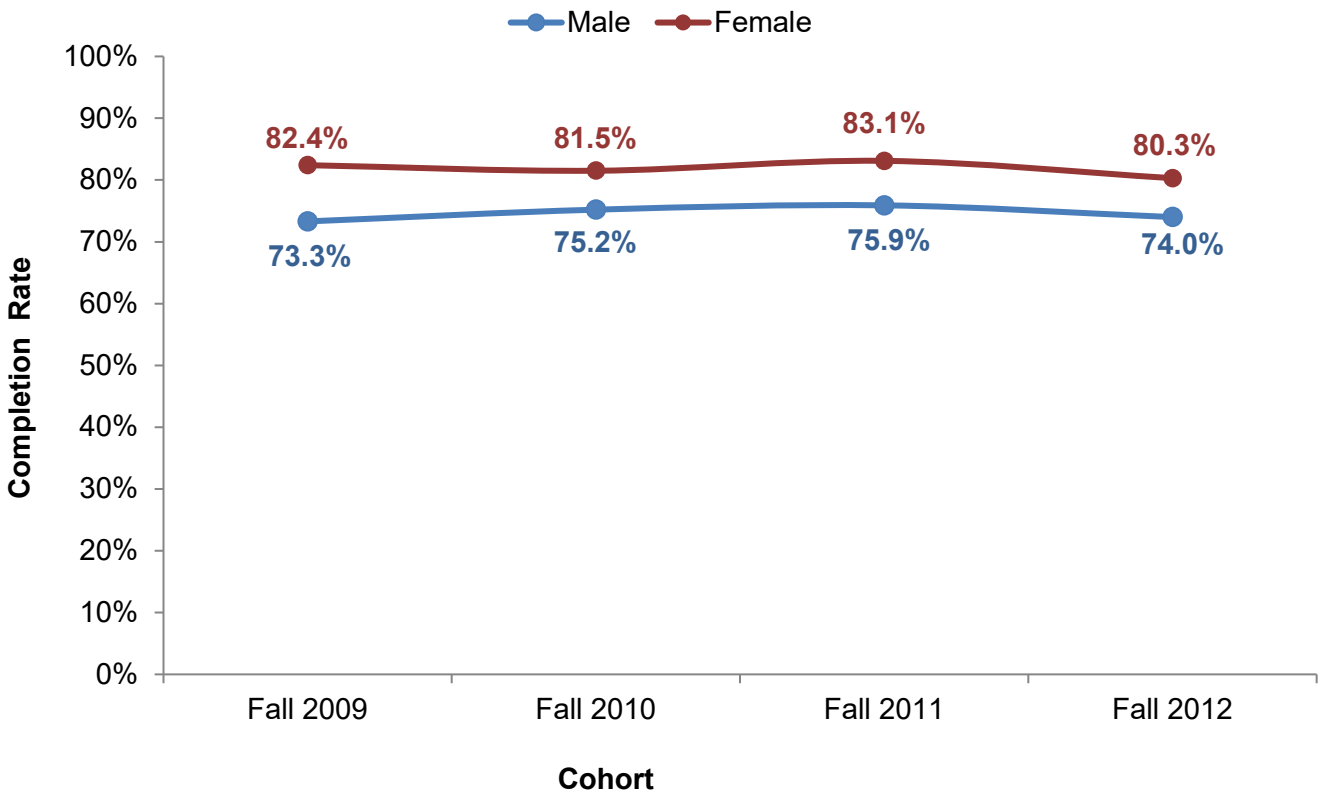
### Section 4.1. English 111 Successful Completion Rates by Full-/Part-Time Status and Gender

Table 17, Figure 29, and Figure 30 (next page) show completion rates for English 111 by full-/part-time status and gender. Regardless of enrollment status, female students in all cohorts had higher completion rates than male students. The completion rates for both full-time and part-time female students ranged from 80 to 84 percent. The completion rate for both full-time and part-time male students ranged from 68 to 76 percent. Full-time male students consistently had higher completion rates compared to part-time male students.

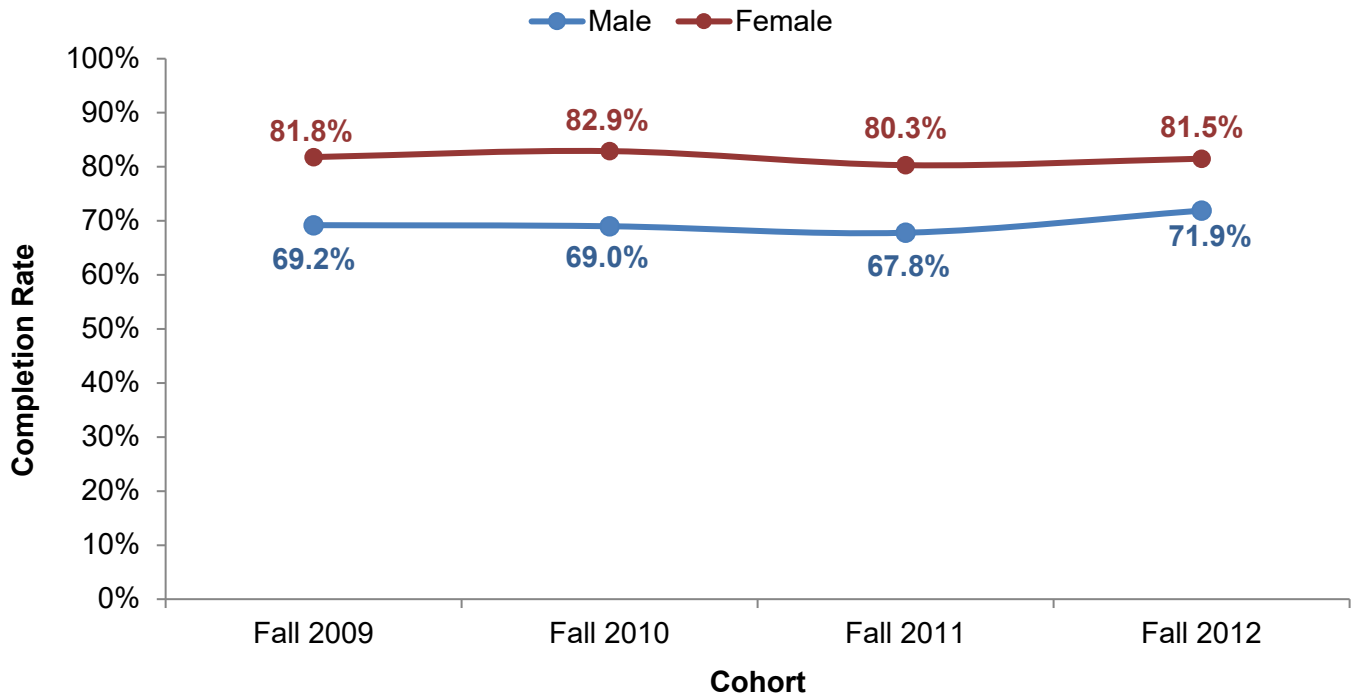
**Table 17. English 111 Successful Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	1,838	1,348	73.3	1,841	1,385	75.2	1,845	1,401	75.9	2,020	1,494	74.0
	Female	1,651	1,361	82.4	1,626	1,326	81.5	1,560	1,297	83.1	1,715	1,378	80.3
Part-Time	Male	753	521	69.2	794	548	69.0	737	500	67.8	994	715	71.9
	Female	784	641	81.8	832	690	82.9	702	564	80.3	1,068	870	81.5

**Figure 29. English 111 Successful Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



**Figure 30. English 111 Successful Completion Rates of Part-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**





## Section 4.2. English 111 Successful Completion Rates by Full-/Part-Time Status and Age

Table 18 shows English 111 completion rates by full-/part-time status and age. Part-time students under age 18 had higher completion rates than their full-time counterparts in each cohort. Part-time students ages 30 to 44 also tended to have higher completion rates than full-time students in that age group. In contrast, full-time students ages 18 to 24 had higher completion rates than part-time students in those age groups.

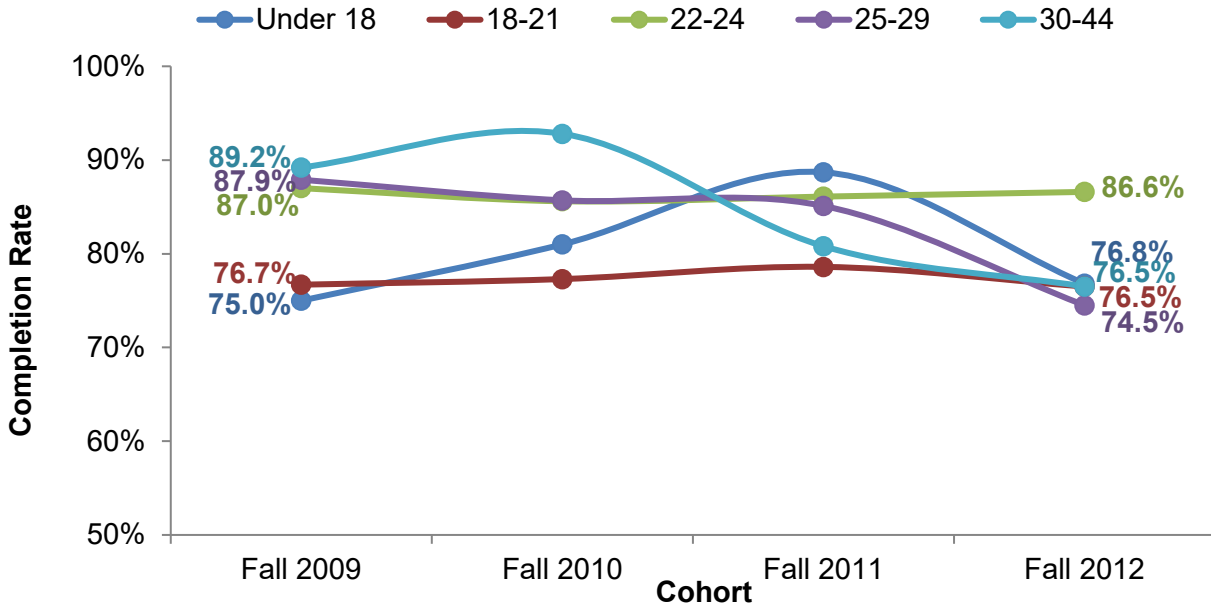
**Table 18. English 111 Successful Completion Rates by Full-/Part-Time Status and Age: Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18	64	48	75.0	58	47	81.0	71	63	88.7	69	53	76.8
	18-21	3,118	2,391	76.7	3,114	2,406	77.3	3,062	2,406	78.6	3,333	2,549	76.5
	22-24	123	107	87.0	132	113	85.6	137	118	86.1	134	116	86.6
	25-29	99	87	87.9	91	78	85.7	74	63	85.1	98	73	74.5
	30-44	74	66	89.2	69	64	92.8	52	42	80.8	85	65	76.5
	45 & Over*	11	10	90.9	3	3	100.0	9	9	100.0	16	16	100.0
Part-Time	Under 18	271	238	87.8	267	246	92.1	121	110	90.9	454	426	93.8
	18-21	963	668	69.4	1,018	698	68.6	985	682	69.2	1,254	881	70.3
	22-24	86	65	75.6	99	76	76.8	96	74	77.1	107	78	72.9
	25-29	97	85	87.6	93	85	91.4	95	74	77.9	96	76	79.2
	30-44	95	86	90.5	125	110	88.0	111	96	86.5	130	106	81.5
	45 & Over	25	20	80.0	24	23	95.8	31	28	90.3	21	18	85.7

\*Sample size is too small to make accurate comparisons.

Figure 31 (next page) shows completion rates by age for full-time students enrolled in English 111. Students ages 18 to 21 (the majority of full-time students) had consistent completion rates across cohorts, from 77 to 79 percent. Although students ages 45 and older had the highest completion rates, it is important to note that this represented a very small number of students in each cohort. Among students ages 25 to 44, completion rates for the Fall 2012 cohort were considerably lower than those for the earlier cohorts.

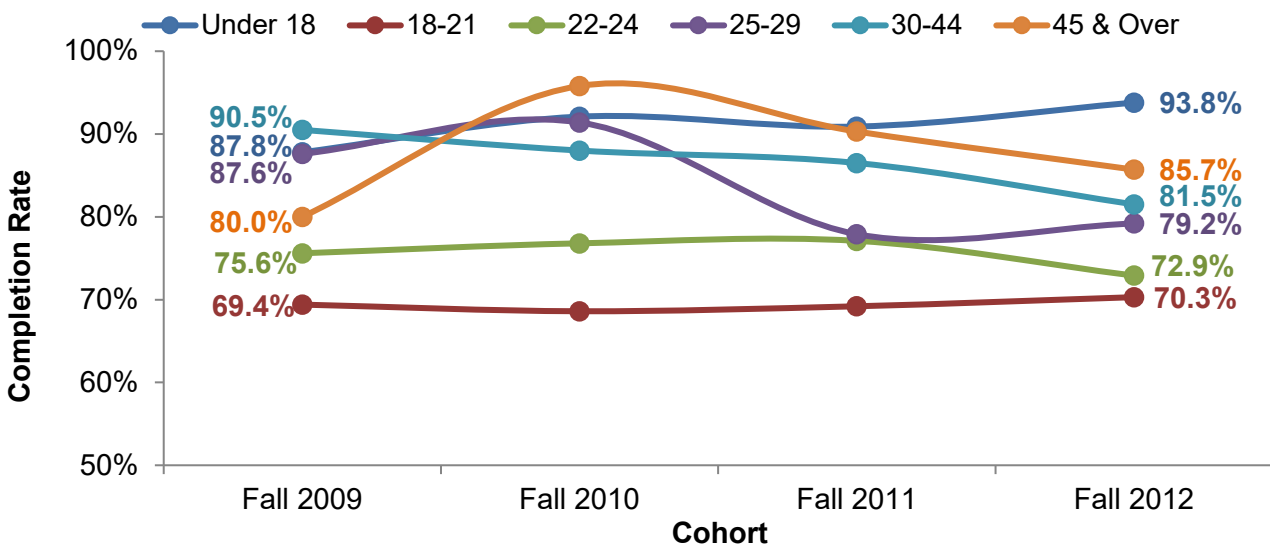
**Figure 31. English 111 Successful Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 32 shows English 111 completion rates of part-time students by age. As with full-time students, the majority of part-time students were between the ages of 18 and 21. These students had consistently lower completion rates (69 to 70 percent) than any other age group in each cohort. Completion rates generally declined for students ages 25 to 44; completion rates for the Fall 2009 and Fall 2010 cohorts were higher than those for the Fall 2011 and Fall 2012 cohorts.

**Figure 32. English 111 Successful Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



### Section 4.3. English 111 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity

Table 19 shows English 111 completion rates by full-/part-time status and race/ethnicity. Among Asian and Hispanic students, full-time students had higher completion rates than part-time students with the exception of Hispanic students in the Fall 2012 cohort. Among White and Black students, this pattern was not as consistent, with some cohorts of part-time students showing higher completion rates than full-time students.

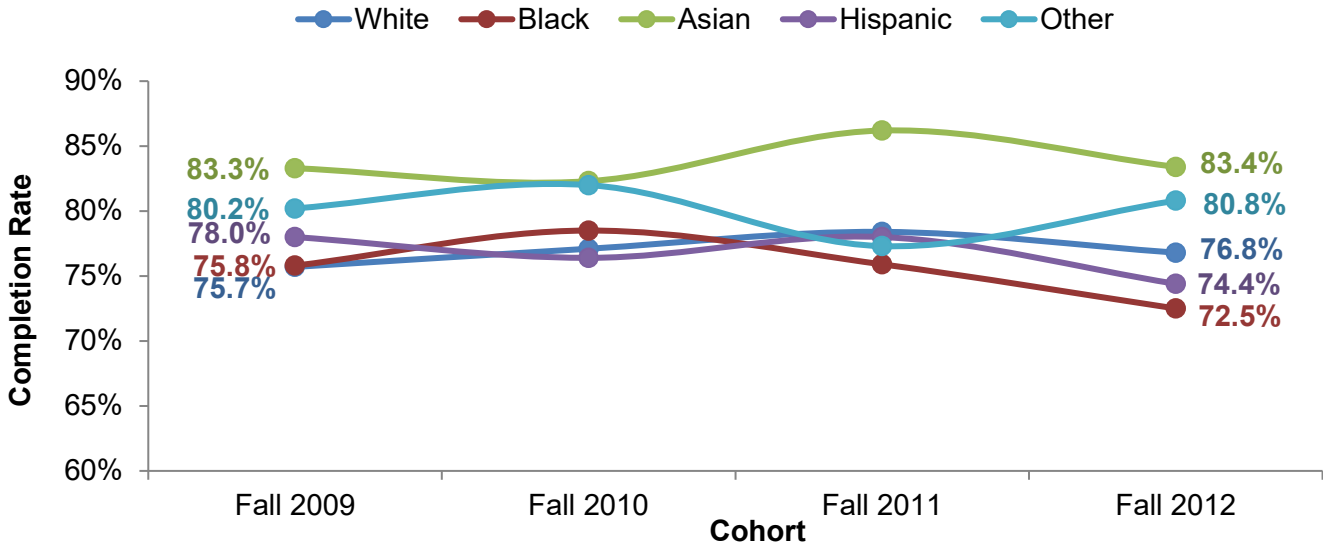
**Table 19. English 111 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	1,614	1,222	75.7	1,801	1,388	77.1	1,684	1,321	78.4	1,831	1,407	76.8
	Black	447	339	75.8	438	344	78.5	507	385	75.9	585	424	72.5
	Asian	552	460	83.3	582	479	82.3	580	500	86.2	631	526	83.4
	Hispanic	608	474	78.0	509	389	76.4	581	453	78.0	630	469	74.4
	Native American*	11	8	72.7	9	6	66.7	9	8	88.9	6	4	66.7
	Other	257	206	80.2	128	105	82.0	44	34	77.3	52	42	80.8
Part-Time	White	718	549	76.5	877	677	77.2	756	555	73.4	1,156	886	76.6
	Black	270	198	73.3	232	178	76.7	231	177	76.6	316	241	76.3
	Asian	169	124	73.4	191	150	78.5	174	133	76.4	249	196	78.7
	Hispanic	273	206	75.5	259	186	71.8	252	182	72.2	308	234	76.0
	Native American*	6	6	100.0	5	5	100.0	5	1	20.0	4	3	75.0
	Other	101	79	78.2	62	42	67.7	21	16	76.2	29	25	86.2

\*Sample size is too small to make accurate comparisons.

Figure 33 (next page) shows the English 111 completion rates of full-time students by race/ethnicity. Full-time Asian students had the highest rates of course completion across all cohorts. In the Fall 2011 and Fall 2012 cohorts, there was a 10 percentage point difference between the racial/ethnic groups with the highest and lowest completion rates (Asian and Black students, respectively).

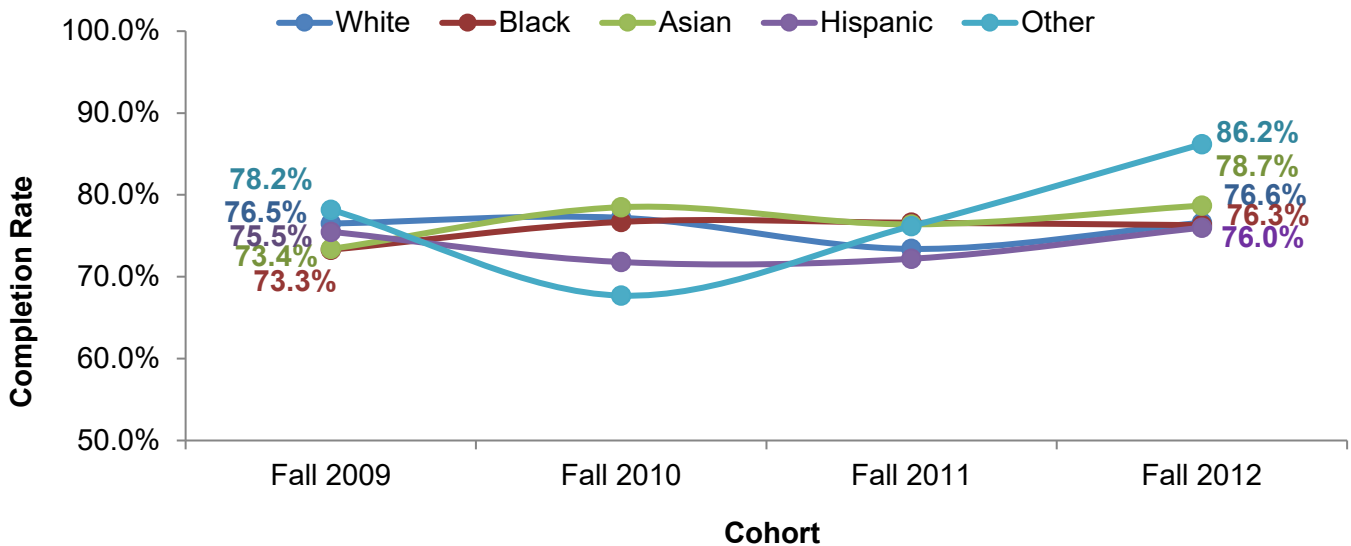
**Figure 33. English 111 Successful Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

Figure 34 shows the English 111 completion rates of part-time students by race/ethnicity. In contrast to full-time students, the completion rates of Asian and Black part-time students were similar in each cohort. In the Fall 2012 cohort, there was less than a one percentage point difference in the completion rates of Black, Hispanic, and White students.

**Figure 34. English 111 Successful Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

#### Section 4.4. English 111 Successful Completion Rates by Full-/Part-Time Status and Program Placement

Table 20 shows the English 111 completion rates of first-time to NOVA students by full-/part-time status and program placement. In general, program-placed full-time students had higher completion rates than program-placed part-time students. However, among students who were not placed in a degree or certificate program, part-time students had higher completion rates than full-time students.

**Table 20. English 111 Successful Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	582	438	75.3	534	424	79.4	489	387	79.1	525	384	73.1
	A.S.	1,796	1,440	80.2	1,929	1,536	79.6	2,129	1,735	81.5	2,458	1,941	79.0
	A.A.A.	49	36	73.5	40	32	80.0	36	28	77.8	21	14	66.7
	A.A.S.	598	449	75.1	548	415	75.7	422	312	73.9	451	338	74.9
	Certificate	113	87	77.0	139	99	71.2	85	59	69.4	105	69	65.7
	Not Placed	351	259	73.8	277	205	74.0	244	180	73.8	175	126	72.0
Part-Time	A.A.	166	110	66.3	151	106	70.2	147	108	73.5	207	151	72.9
	A.S.	580	443	76.4	676	509	75.3	786	581	73.9	880	632	71.8
	A.A.A.	20	15	75.0	23	13	56.5	13	10	76.9	11	8	72.7
	A.A.S.	239	173	72.4	236	162	68.6	192	138	71.9	208	142	68.3
	Certificate	48	34	70.8	69	45	65.2	51	29	56.9	66	36	54.5
	Not Placed	484	387	80.0	471	403	85.6	250	198	79.2	690	616	89.3

Figure 35 (next page) shows English 111 completion rates for full-time students by program placement. Full-time students in A.S. degree programs had the highest English 111 completion rates in every cohort except Fall 2010. Students enrolled in certificate programs had the lowest completion rates in English 111 in every cohort except Fall 2009, while full-time students in A.A.A. degree programs generally had the highest completion rates.

**Figure 35. English 111 Successful Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**

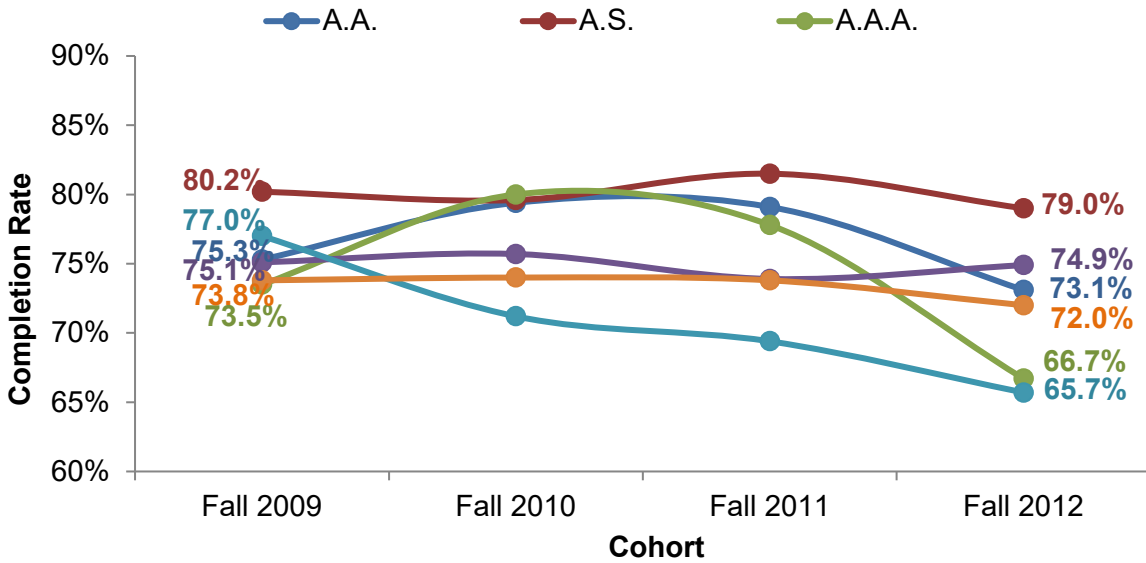
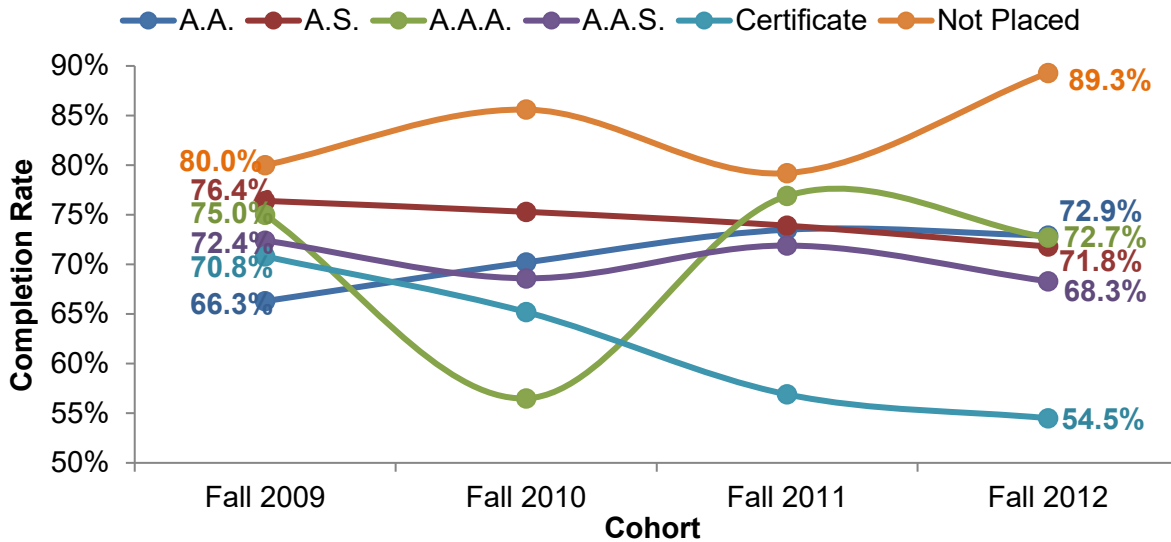


Figure 36 shows the English 111 completion rates of part-time students by program placement. As noted above, students not placed in a degree or certificate program had consistently higher completion rates than those who were program placed. Part-time students in certificate programs tended to have lower completion rates than other groups, particularly in the Fall 2011 and Fall 2012 cohorts. The Fall 2012 cohort showed more than a 30 percentage point difference between the highest completion rate (Not Placed students, at 89percent) and the lowest (certificate students, at 55 percent).

**Figure 36. English 111 Successful Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



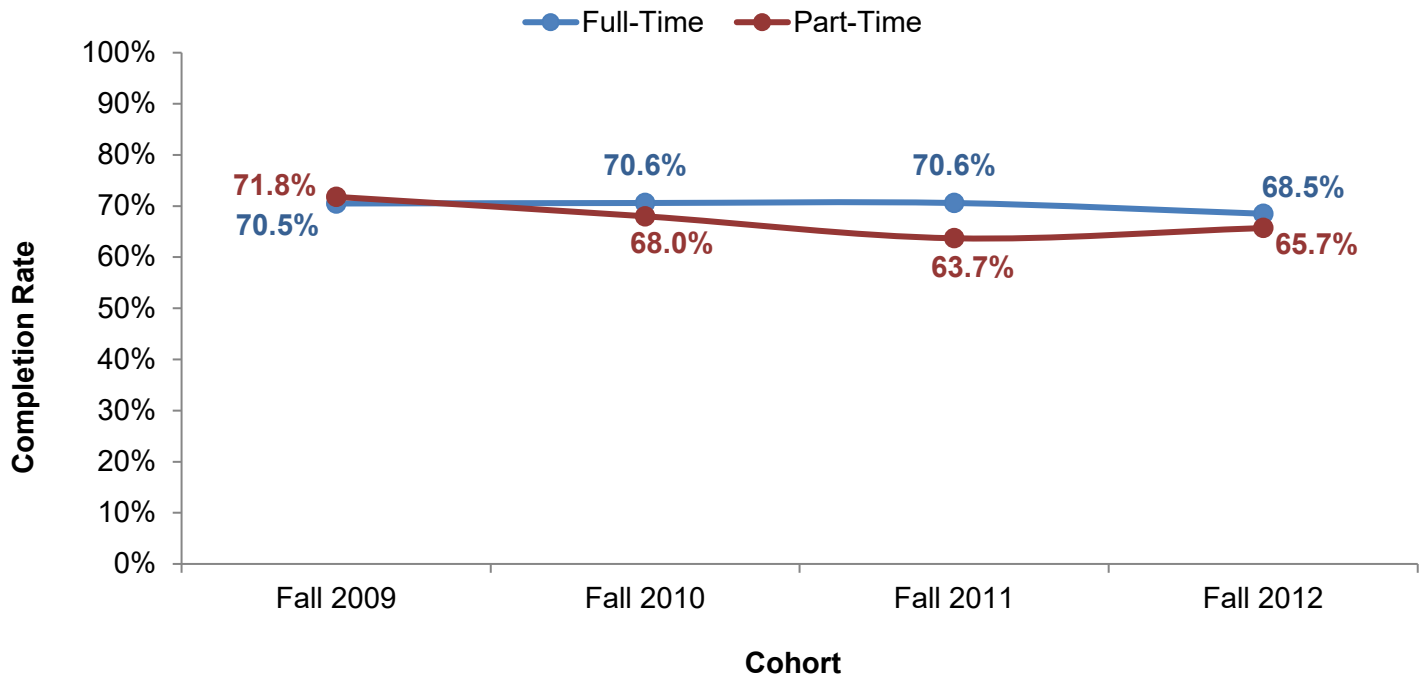
## Section 5. Math 151 Successful Completion Rates by Full-/Part-Time Status

This section presents data on the completion rates of first-time to NOVA students in Math 151. Table 21 and Figure 37 show Math 151 completion rates of first-time to NOVA students by full-/part-time status. From the Fall 2010 through Fall 2012 cohorts, full-time students had higher completion rates in Math 151 than their part-time counterparts. In contrast, part-time students in the Fall 2009 cohort had higher completion rates than full-time students.

**Table 21. Math 151 Successful Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	1,056	745	70.5	1,124	794	70.6	1,089	769	70.6	914	626	68.5
Part-Time	287	206	71.8	306	208	68.0	364	232	63.7	361	237	65.7
<b>Total</b>	<b>1,343</b>	<b>951</b>	<b>70.8</b>	<b>1,430</b>	<b>1,002</b>	<b>70.1</b>	<b>1,453</b>	<b>1,001</b>	<b>68.9</b>	<b>1,275</b>	<b>863</b>	<b>67.7</b>

**Figure 37. Math 151 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**



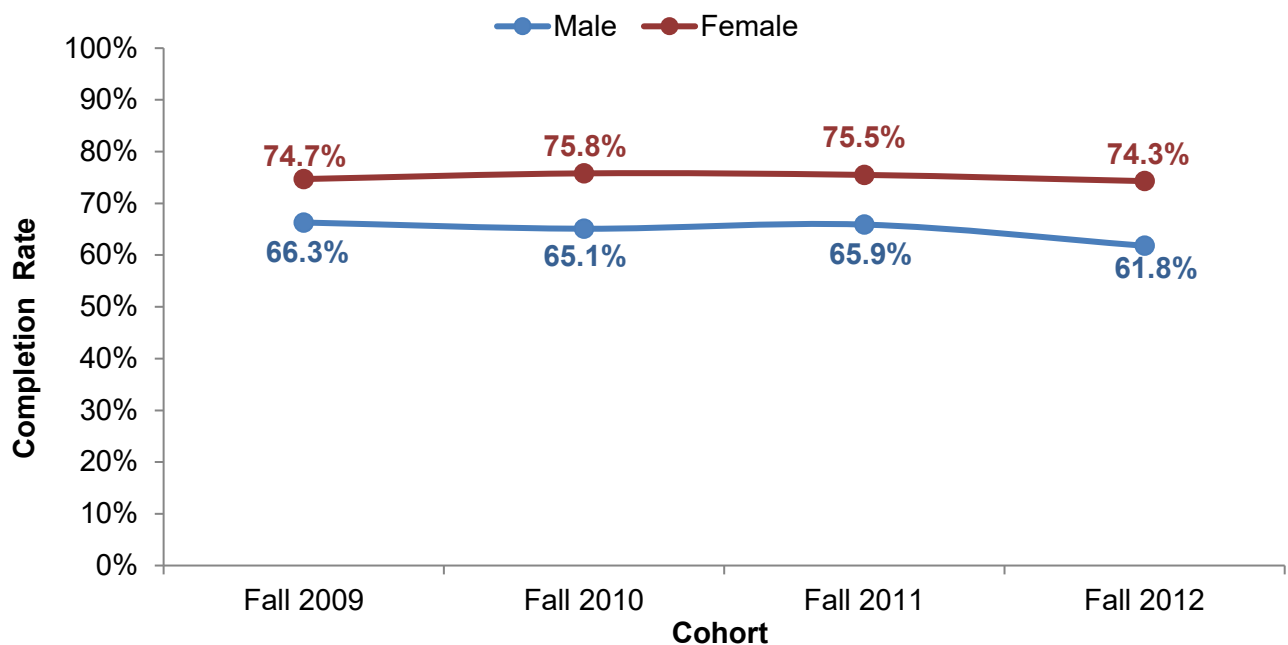
## Section 5.1. Math 151 Successful Completion Rates by Full-/Part-Time Status and Gender

Table 22, Figure 28 and Figure 29 (next page) present completion rates of first-time to NOVA students enrolled in Math 151 within one year by full-/part-time status and gender. Among both full-time and part-time students, female students completed the course at a higher rate than male students in each cohort. Math 151 completion rates for full-time students changed little from cohort to cohort for both male and female students, with rates of 74 to 76 percent for female full-time students and 62 to 66 percent for male full-time students. In contrast, the completion rates for part-time students varied across each cohort.

**Table 22. Math 151 Successful Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

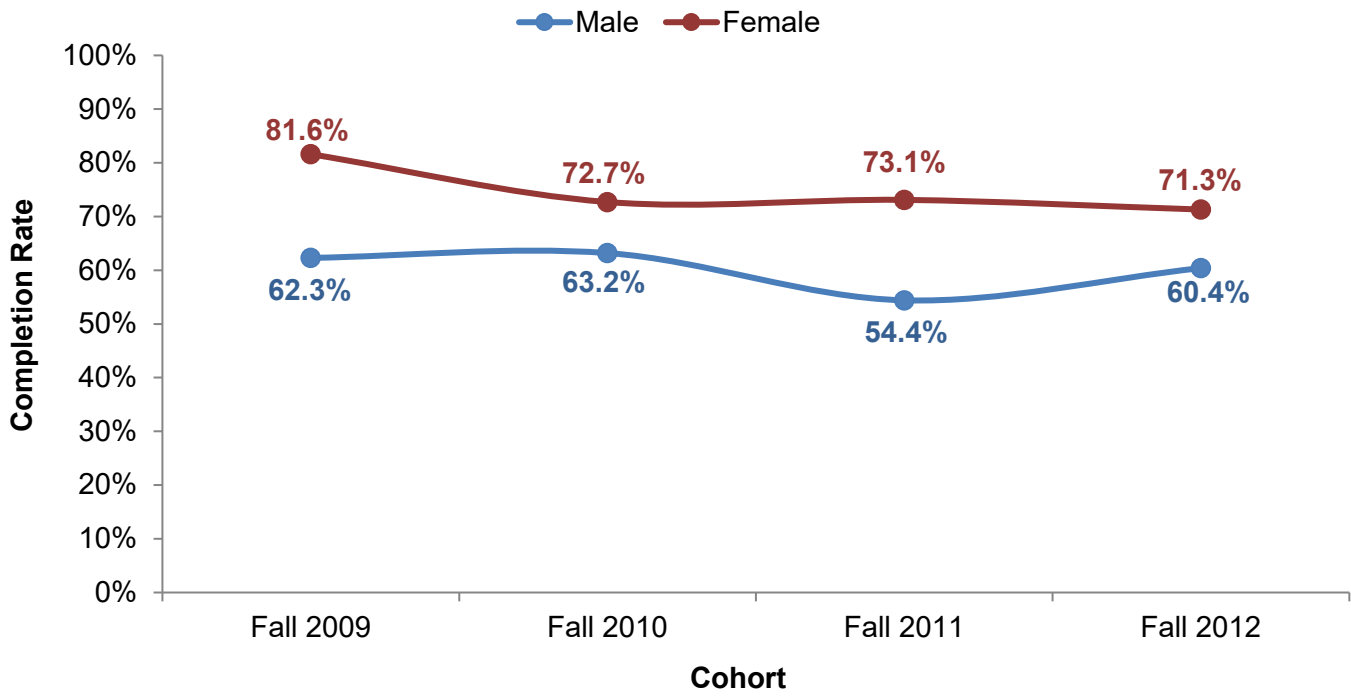
Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	519	344	66.3	538	350	65.1	554	365	65.9	427	264	61.8
	Female	537	401	74.7	586	444	75.8	535	404	75.5	487	362	74.3
Part-Time	Male	146	91	62.3	152	96	63.2	182	99	54.4	187	113	60.4
	Female	141	115	81.6	154	112	72.7	182	133	73.1	174	124	71.3

**Figure 38. Math 151 Successful Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**





**Figure 39. Math 151 Successful Completion Rates of Part-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



## Section 5.2. Math 151 Successful Completion Rates by Full-/Part-Time Status and Age

Table 23 presents completion rates in Math 151 by full-/part-time status and age group. The largest portion of full-time and part-time students who were enrolled in Math 151 was those ages 18 to 21 years. This age group had the lowest completion rates for all cohorts of full-time and part-time students.

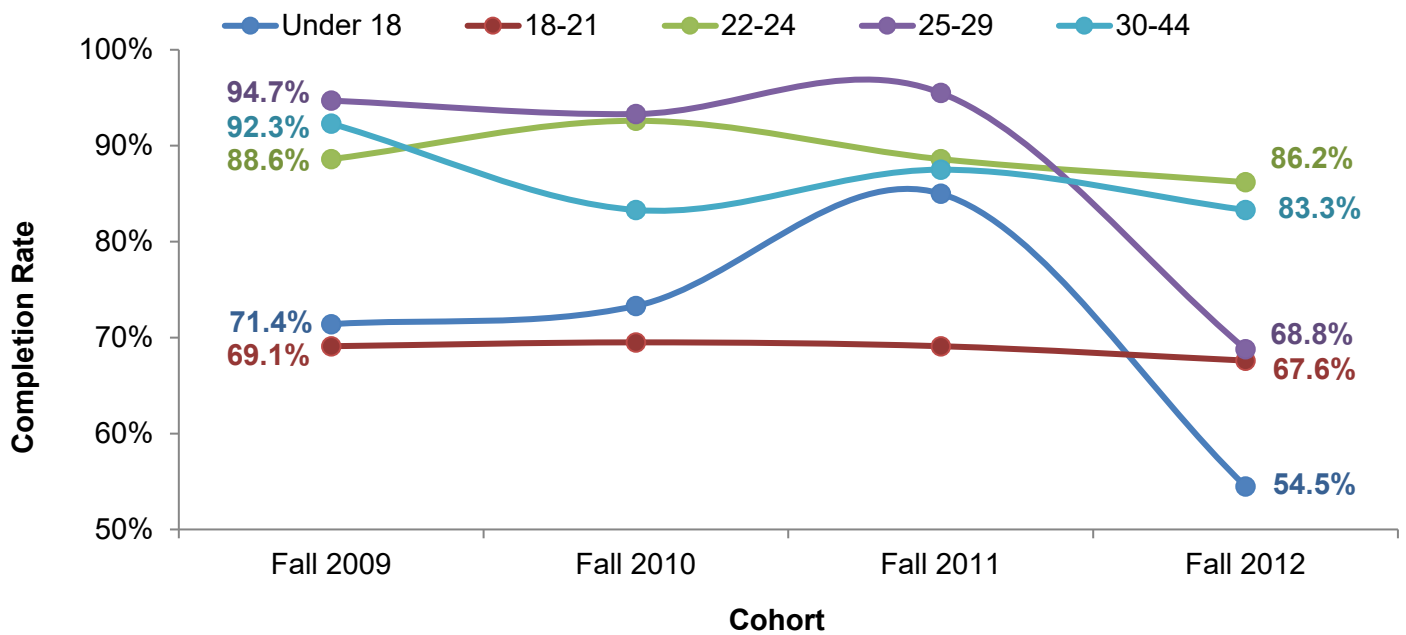
**Table 23. Math 151 Successful Completion Rates by Full-/Part-Time Status and Age: Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18	14	10	71.4	15	11	73.3	20	17	85.0	11	6	54.5
	18-21	975	674	69.1	1,054	733	69.5	1,003	693	69.1	836	565	67.6
	22-24	35	31	88.6	27	25	92.6	35	31	88.6	29	25	86.2
	25-29	19	18	94.7	15	14	93.3	22	21	95.5	16	11	68.8
	30-44	13	12	92.3	12	10	83.3	8	7	87.5	18	15	83.3
	45 & Over*	0	0	0.0	1	1	100.0	1	0	0.0	4	4	100.0
Part-Time	Under 18*	7	7	100.0	14	13	92.9	12	9	75.0	14	10	71.4
	18-21	226	149	65.9	246	159	64.6	301	178	59.1	306	196	64.1
	22-24	23	20	87.0	22	16	72.7	13	12	92.3	14	9	64.3
	25-29	19	18	94.7	13	11	84.6	18	15	83.3	10	8	80.0
	30-44	11	11	100.0	8	7	87.5	18	16	88.9	11	10	90.9
	45 & Over*	1	1	100.0	3	2	66.7	2	2	100.0	6	4	66.7

\*Sample size is too small to make accurate comparisons.

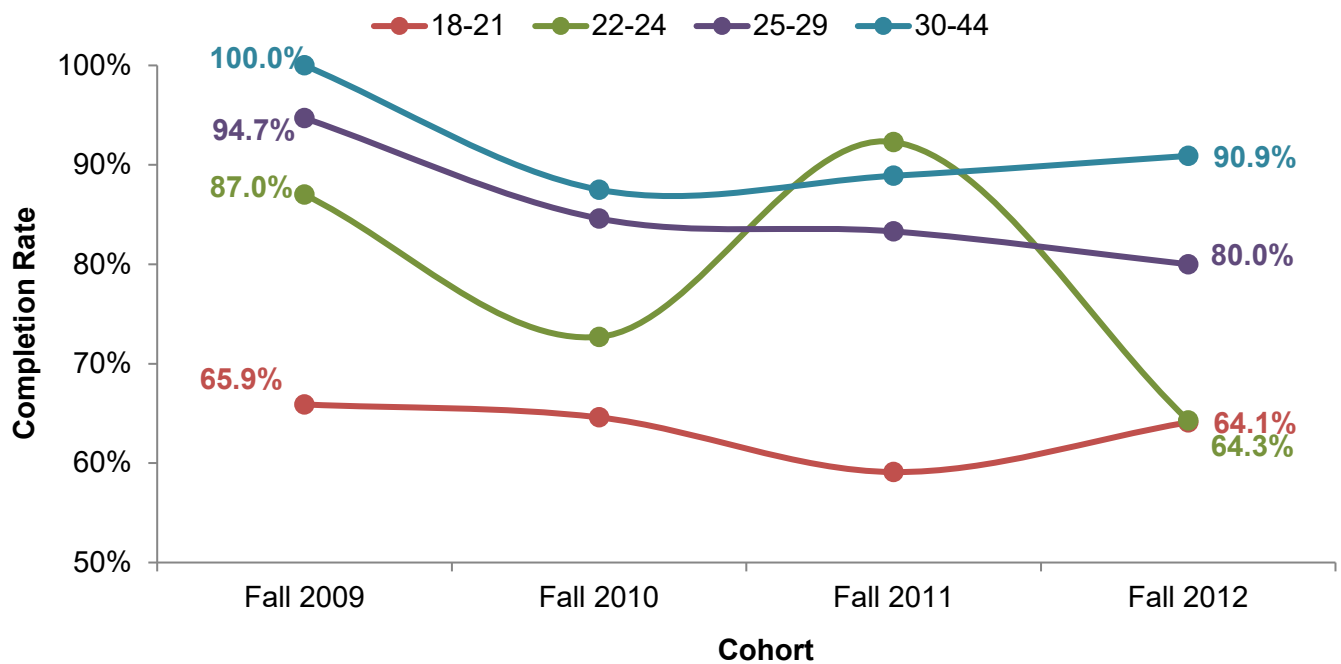
Figure 41 and Figure 42 (both on next page) show Math 151 completion rates of full-time students and part-time students by age group in four cohorts. Among full-time students, those in the 25 to 29 age group were the most often completed Math 151 at the highest rate (69 to 95 percent). Among part-time students, the completion rates of students ages 22 to 24 fluctuated, rising from 73 percent to 92 percent from the Fall 2010 cohort to the Fall 2011 cohort, then decreasing to 64 percent for the Fall 2012 cohort.

**Figure 40. Math 151 Successful Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 41. Math 151 Successful Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 5.3. Math 151 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity

Table 24 shows the completion rates for first-time to NOVA students who enrolled in Math 151 by full-/part-time status and race/ethnicity. Full-time students had higher completion rates than part-time students in the Fall 2011 and Fall 2012 cohorts in all racial/ethnic groups. In the Fall 2009 cohort, part-time Other students had the highest completion rate, while part-time Asian students had the highest rate in the Fall 2010 cohort.

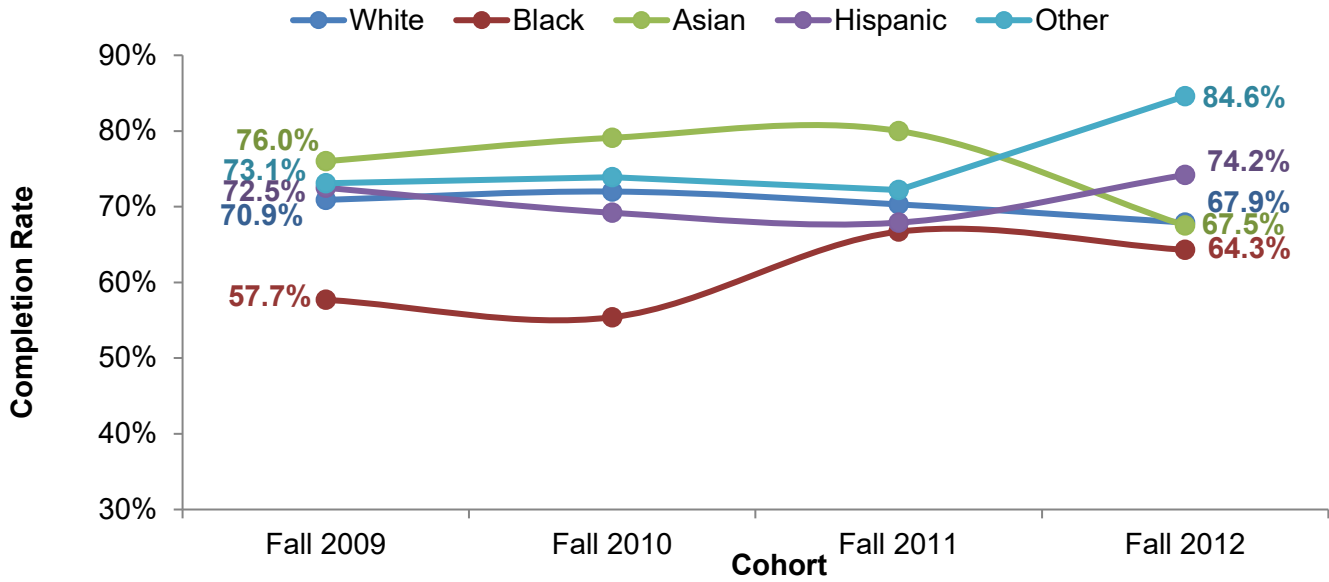
**Table 24. Math 151 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	567	402	70.9	656	472	72.0	617	434	70.3	554	376	67.9
	Black	111	64	57.7	121	67	55.4	135	90	66.7	112	72	64.3
	Asian	125	95	76.0	129	102	79.1	130	104	80.0	114	77	67.5
	Hispanic	182	132	72.5	169	117	69.2	187	127	67.9	120	89	74.2
	Native American*	4	3	75.0	3	2	66.7	2	1	50.0	1	1	100.0
	Other	67	49	73.1	46	34	73.9	18	13	72.2	13	11	84.6
Part-Time	White	171	126	73.7	195	133	68.2	205	139	67.8	218	148	67.9
	Black	31	20	64.5	42	28	66.7	55	25	45.5	46	27	58.7
	Asian	31	21	67.7	23	19	82.6	31	23	74.2	36	23	63.9
	Hispanic	48	34	70.8	37	22	59.5	69	44	63.8	54	34	63.0
	Native American*	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0
	Other*	6	5	83.3	9	6	66.7	3	1	33.3	6	4	66.7

\*Sample size is too small to make accurate comparisons.

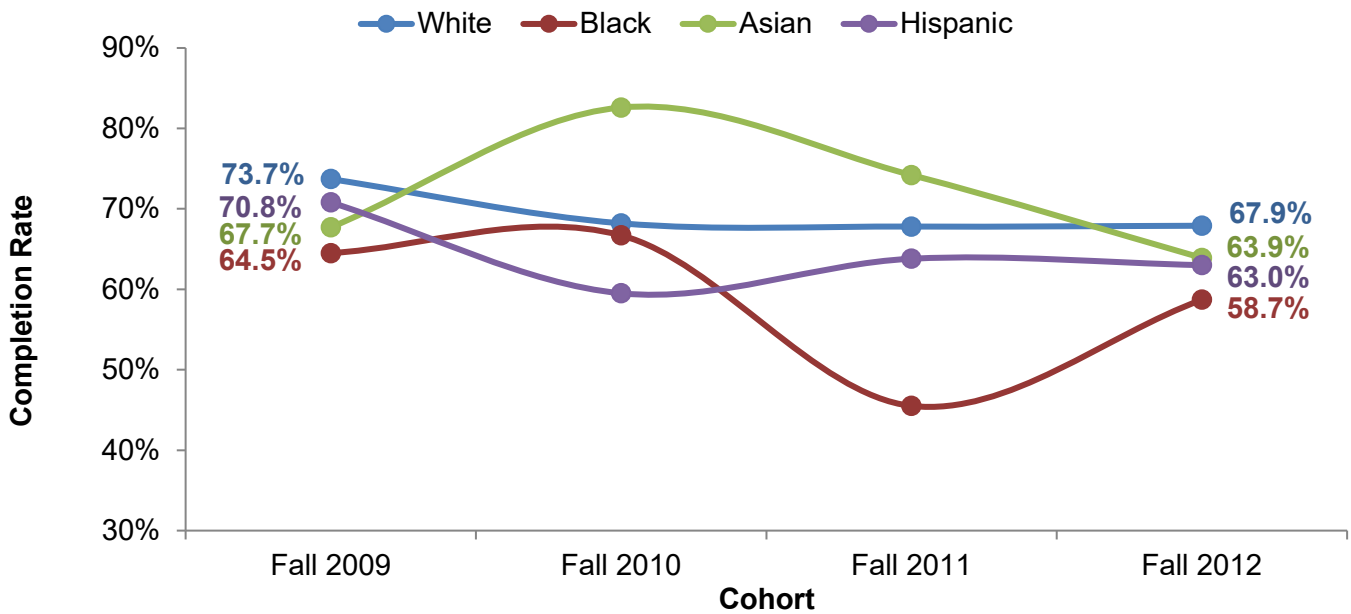
Figure 42 and Figure 43 (both on next page) present Math 151 completion rates of full-time and part-time students by race/ethnicity. Among full-time students, Black students were the least successful in Math 151. For three of the four cohorts, Asian students successfully completed Math 151 at the highest rate (76 to 80 percent). Among part-time students, Black students showed the lowest Math 151 completion rates (46 to 65 percent) within the cohorts with the exception of the Fall 2010 cohort in which Hispanic students had the lowest completion rate at 60 percent.

**Figure 42. Math 151 Successful Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 43. Math 151 Successful Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 5.4. Math 151 Successful Completion Rates by Full-/Part-Time Status and Program Placement

Table 25 displays completion rates of first-time to NOVA students enrolled in Math 151 by full-/part-time status and program placement. Generally, full-time students enrolled in A.A. and A.S. degree programs showed higher completion rates than their part-time counterparts.

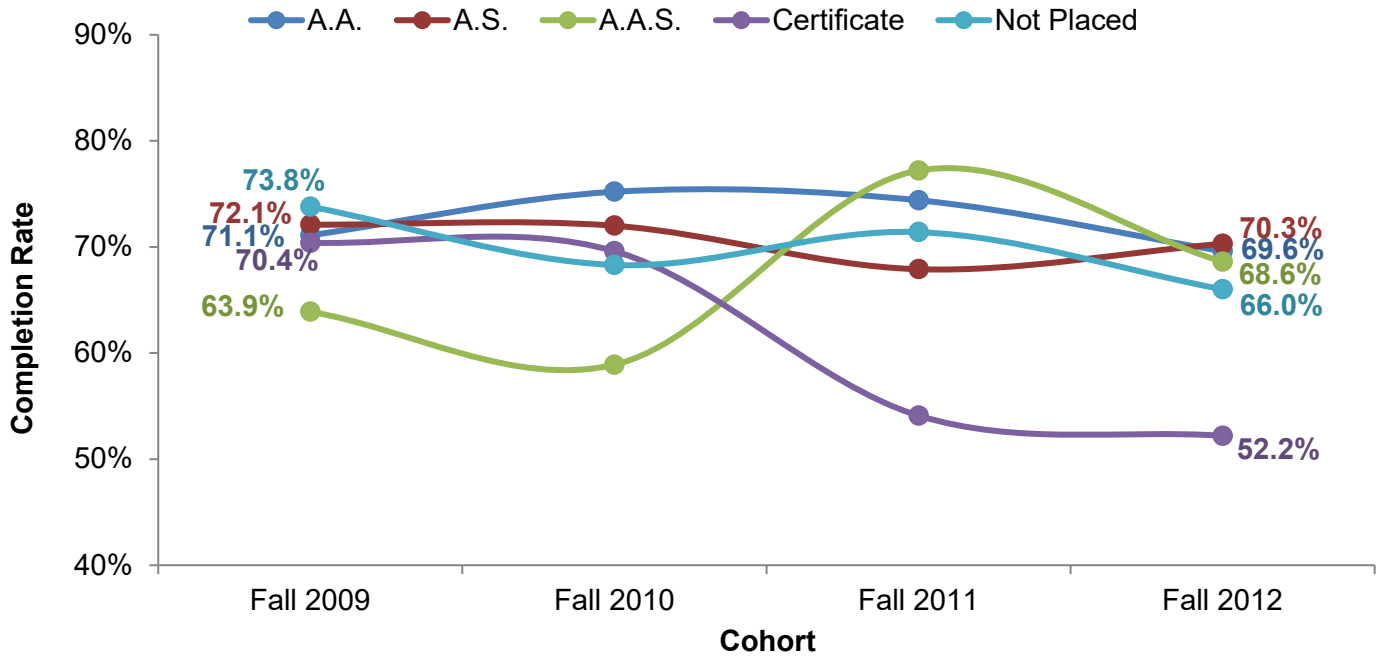
**Table 25. Math 151 Successful Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	291	207	71.1	311	234	75.2	281	209	74.4	270	188	69.6
	A.S.	452	326	72.1	489	352	72.0	527	358	67.9	434	305	70.3
	A.A.A.*	25	16	64.0	21	14	66.7	17	12	70.6	9	4	44.4
	A.A.S.	158	101	63.9	146	86	58.9	136	105	77.2	102	70	68.6
	Certificate	27	19	70.4	56	39	69.6	37	20	54.1	46	24	52.2
	Not Placed	103	76	73.8	101	69	68.3	91	65	71.4	53	35	66.0
Part-Time	A.A.	67	48	71.6	57	36	63.2	68	43	63.2	68	46	67.6
	A.S.	98	70	71.4	105	74	70.5	155	108	69.7	152	103	67.8
	A.A.A.*	5	5	100.0	7	5	71.4	6	3	50.0	8	4	50.0
	A.A.S.	57	38	66.7	60	42	70.0	54	26	48.1	56	33	58.9
	Certificate	15	9	60.0	20	12	60.0	15	9	60.0	19	13	68.4
	Not Placed	45	36	80.0	57	39	68.4	66	43	65.2	58	38	65.5

\*Sample size is too small to make accurate comparisons.

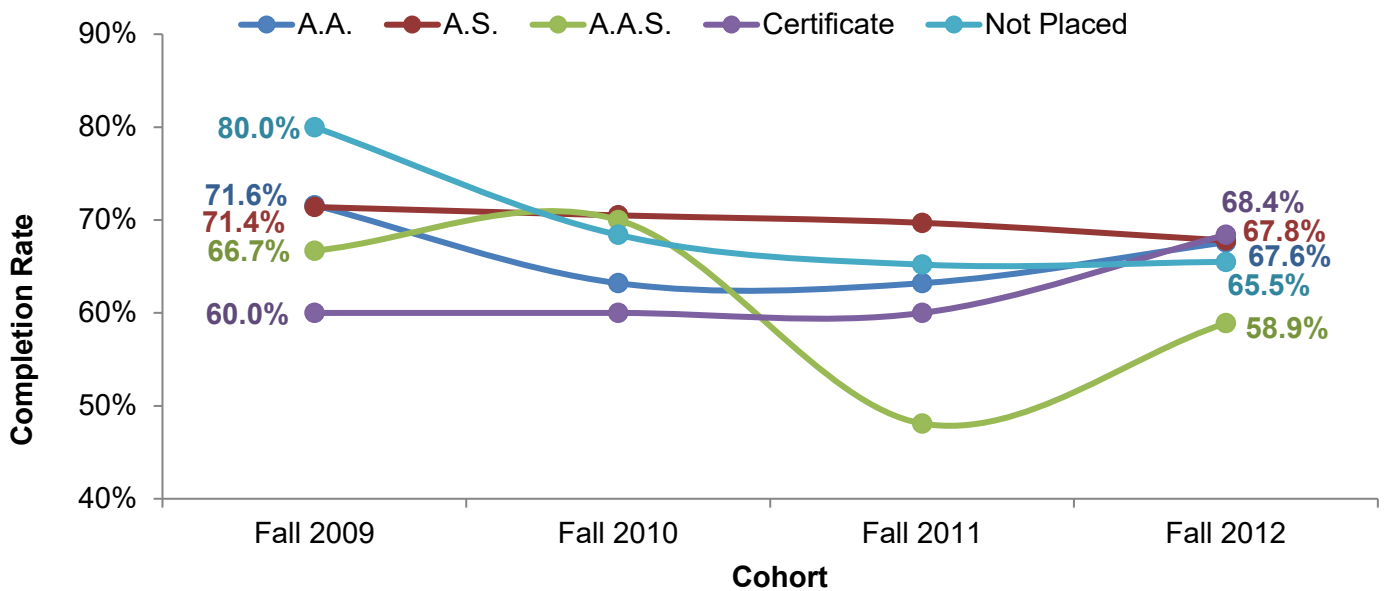
Figure 44 and Figure 45 (both on next page) present Math 151 completion rates for full-time and part-time students by program placement. Full-time students in the A.A. degree programs had the highest completion rates in Math 151 in each cohort except Fall 2009. The completion rate of A.A.S. students fluctuated greatly, with the greatest fluctuation occurring from the Fall 2010 cohort (59 percent) to the Fall 2011 cohort (77 percent). Part-time students enrolled in A.A.S. degree programs tended to have lower Math 151 completion rates than other groups, particularly in the Fall 2011 cohort (48 percent).

**Figure 44. Math 151 Successful Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 45. Math 151 Successful Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

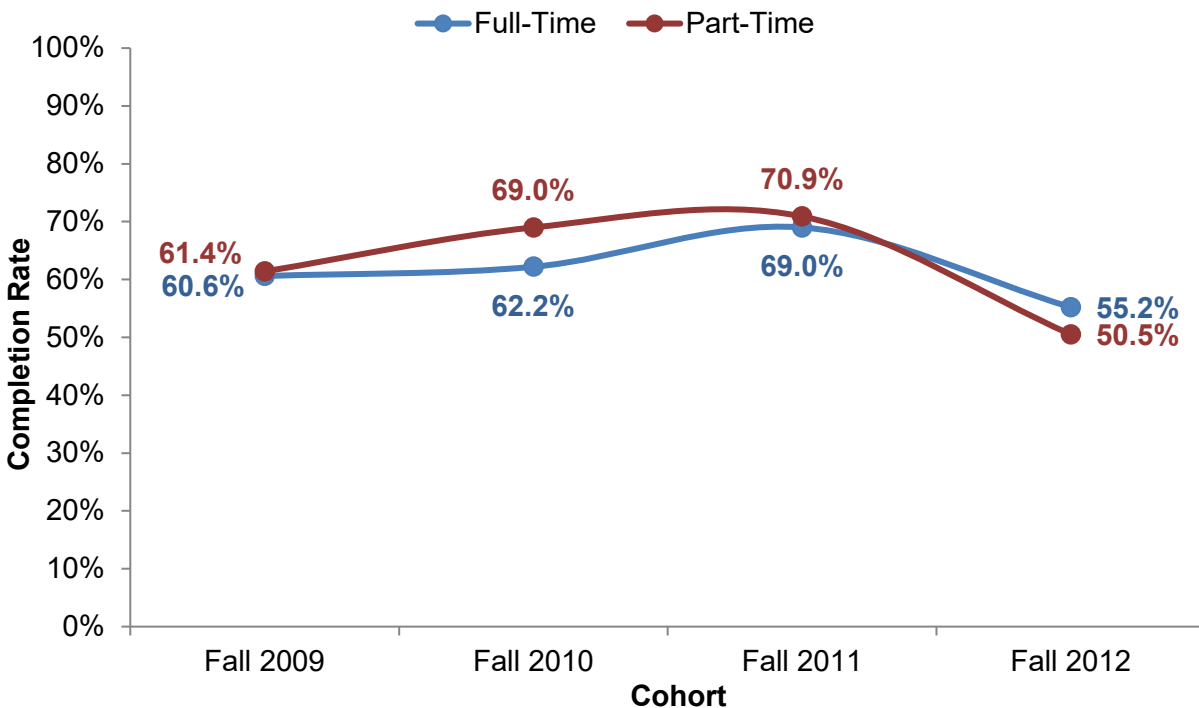
## Section 6. Math 163 Successful Completion Rates by Full-/Part-Time Status

Table 26 and Figures 46 and 47 (next page) present completion rates of first-time to NOVA students enrolled in Math 163 within one year by full-/part-time status. From the Fall 2009 through Fall 2011 cohorts, part-time students completed Math 163 at a higher rate than full-time students. In the Fall 2012 cohort, full-time students had higher completion rates than part-time students.

**Table 26. Math 163 Successful Completion Rates of First-Time to NOVA Students by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**

Status	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Successful		N	Successful		N	Successful		N	Successful	
		#	%		#	%		#	%		#	%
Full-Time	490	297	60.6	492	306	62.2	458	316	69.0	1,106	611	55.2
Part-Time	127	78	61.4	113	78	69.0	134	95	70.9	305	154	50.5
<b>Total</b>	<b>617</b>	<b>375</b>	<b>60.8</b>	<b>605</b>	<b>384</b>	<b>63.5</b>	<b>592</b>	<b>411</b>	<b>69.4</b>	<b>1,411</b>	<b>765</b>	<b>54.2</b>

**Figure 46. Math 163 Successful Completion Rates by Full-/Part-Time Status: Fall 2009 through Fall 2012 Cohorts**





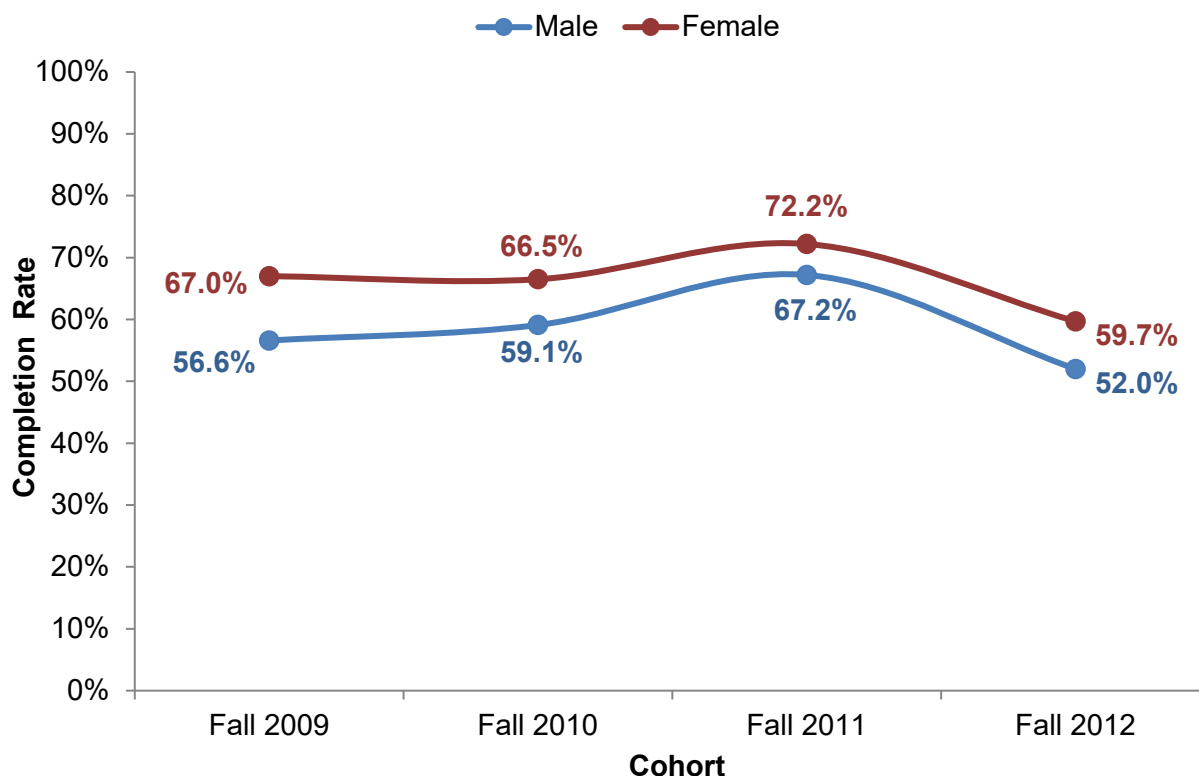
## Section 6.1. Math 163 Successful Completion Rates by Full-/Part-Time Status and Gender

Table 27, Figure 47, and Figure 48 (next page) present completion rates in Math 163 by enrollment status and gender. Among full-time students, female students completed the course at a higher rate than male students. Among part-time students, females completed the course at a higher or equal rate than their male counterparts.

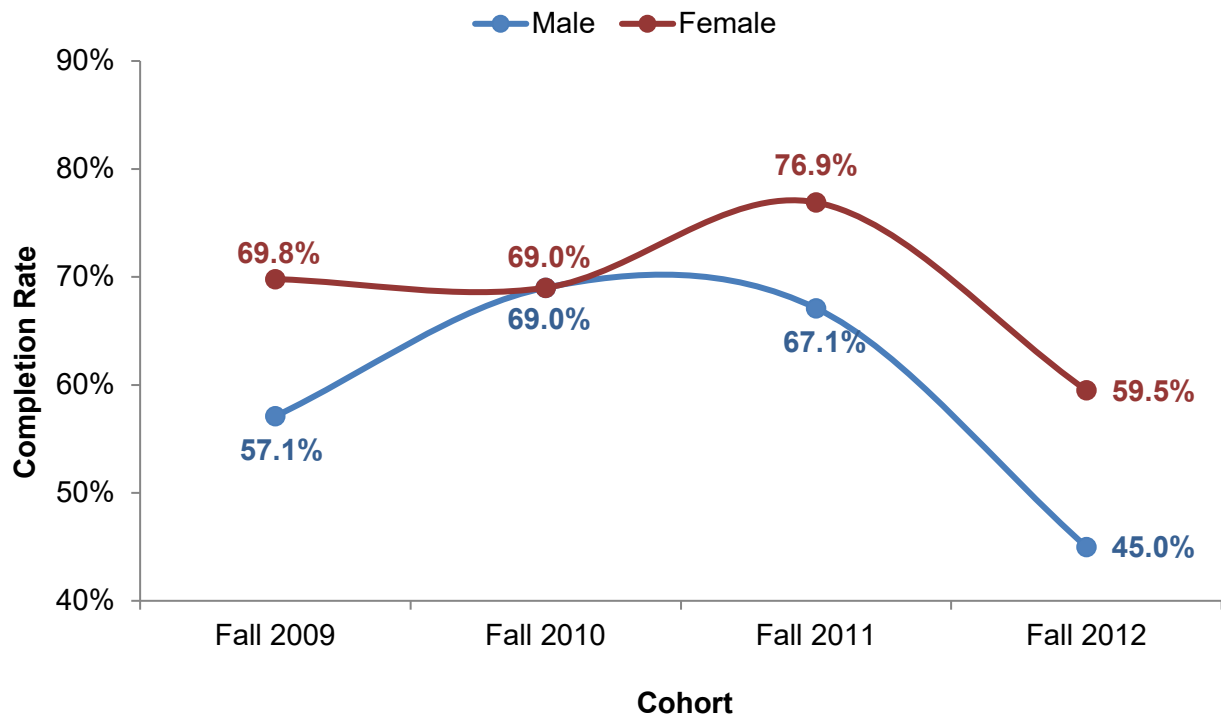
**Table 27. Math 163 Successful Completion Rates by Full-/Part-Time Status and Gender: Fall 2009 through Fall 2012 Cohorts**

Status	Gender	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Male	302	171	56.6	286	169	59.1	296	199	67.2	637	331	52.0
	Female	188	126	67.0	206	137	66.5	162	117	72.2	469	280	59.7
Part-Time	Male	84	48	57.1	71	49	69.0	82	55	67.1	189	85	45.0
	Female	43	30	69.8	42	29	69.0	52	40	76.9	116	69	59.5

**Figure 47. Math 163 Successful Completion Rates of Full-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



**Figure 48. Math 163 Successful Completion Rates of Part-Time Students by Gender: Fall 2009 through Fall 2012 Cohorts**



## Section 6.2. Math 163 Successful Completion Rates by Full-/Part-Time Status and Age

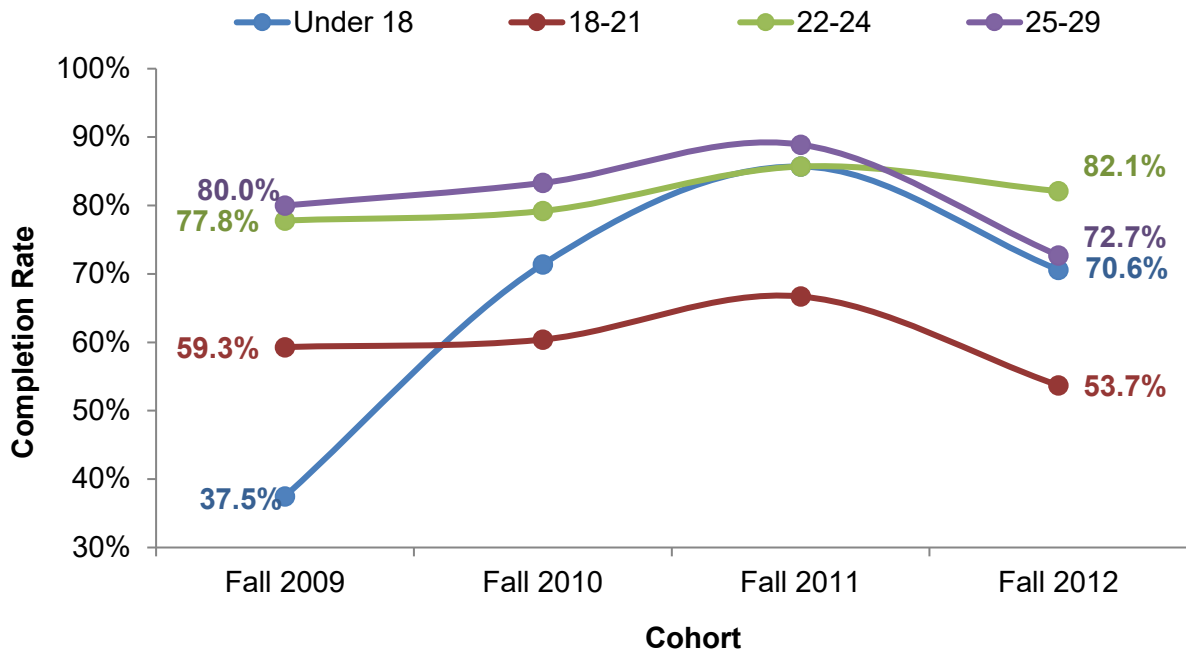
Table 28, Figure 49, and Figure 50 (figures next page) show the successful completion rates of first-time to NOVA students in Math 163. In general among full-time students, those ages 25 to 29 completed the course at the highest rate (73 to 89 percent) and those ages 18 to 21 completed the course at the lowest rate (54 to 67 percent). Among part-time students, those under age 18 tended to have the highest completion rates. Note, however, that only two age groups of part-time students were large enough to make accurate comparisons.

**Table 28. Math 163 Successful Completion Rates by Full-/Part-Time Status and Age: Fall 2009 through Fall 2012 Cohorts**

Status	Age	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	Under 18	8	3	37.5	7	5	71.4	7	6	85.7	17	12	70.6
	18-21	440	261	59.3	445	269	60.4	411	274	66.7	1,029	553	53.7
	22-24	18	14	77.8	24	19	79.2	21	18	85.7	28	23	82.1
	25-29	15	12	80.0	12	10	83.3	9	8	88.9	22	16	72.7
	30-44*	9	7	77.8	4	3	75.0	10	10	100.0	8	6	75.0
	45 & Over*	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Part-Time	Under 18	12	11	91.7	16	15	93.8	17	15	88.2	17	14	82.4
	18-21	82	44	53.7	75	46	61.3	86	58	67.4	255	112	43.9
	22-24*	7	4	57.1	7	4	57.1	9	4	44.4	9	7	77.8
	25-29*	10	9	90.0	8	7	87.5	12	10	83.3	13	13	100.0
	30-44*	13	9	69.2	4	4	100.0	7	5	71.4	7	5	71.4
	45 & Over*	3	1	33.3	3	2	66.7	3	3	100.0	4	3	75.0

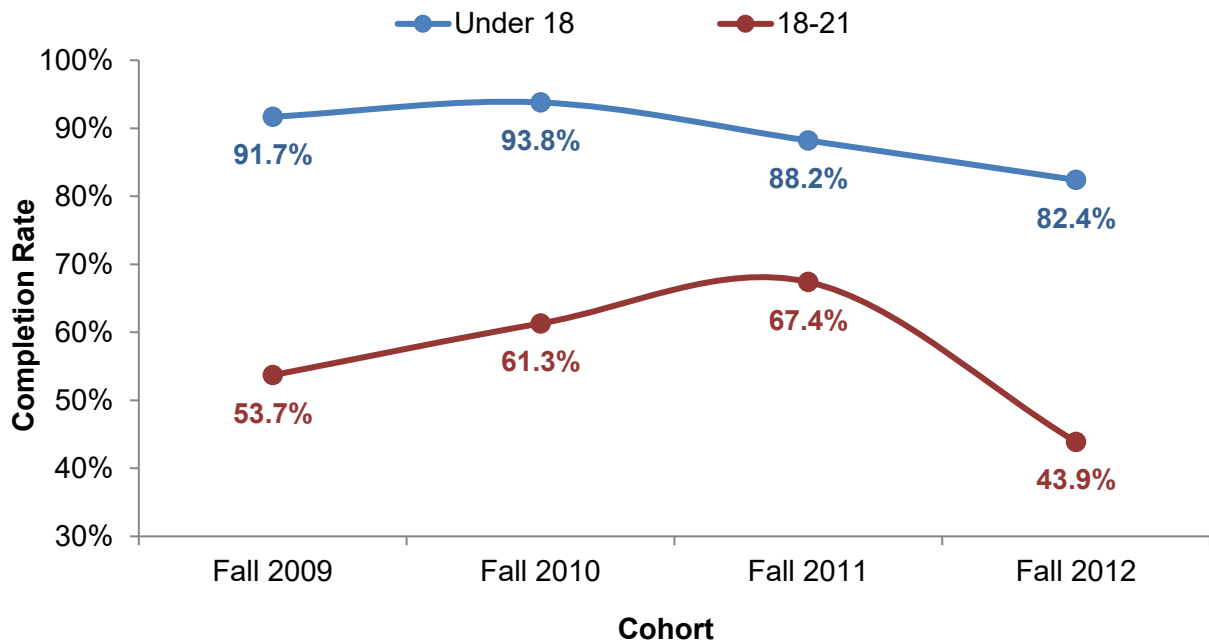
\*Sample size is too small to make accurate comparisons.

**Figure 49. Math 163 Successful Completion Rates of Full-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 50. Math 163 Successful Completion Rates of Part-Time Students by Age: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 6.3. Math 163 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity

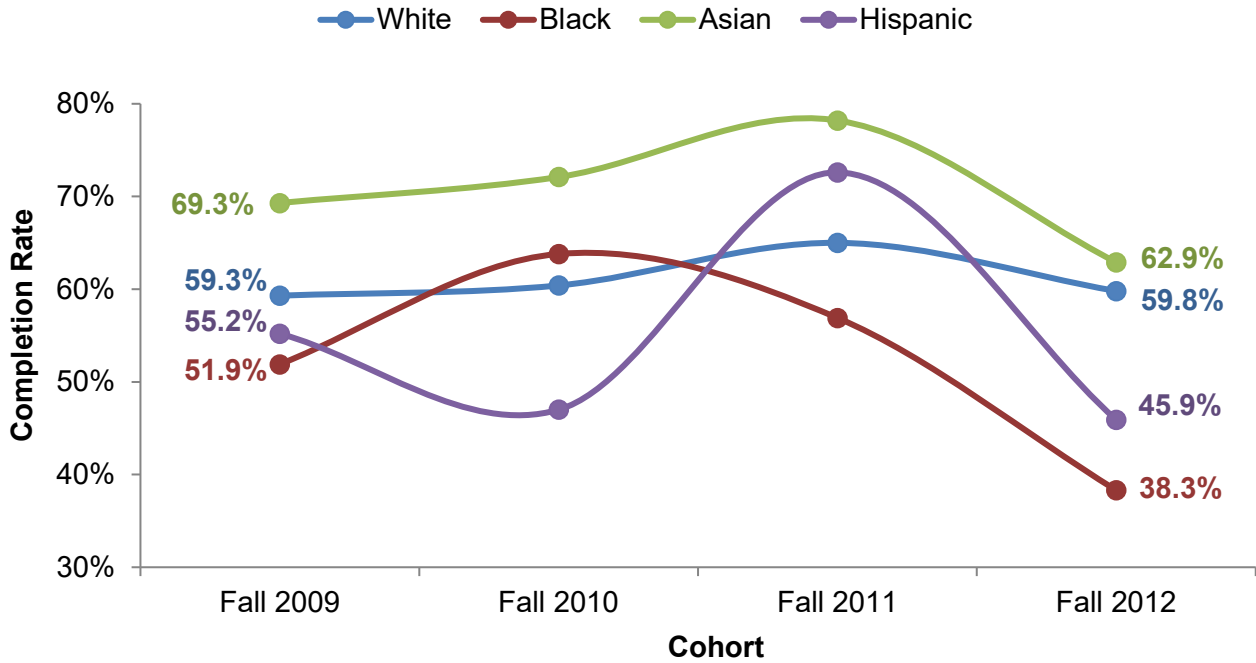
Table 29 and Figures 51 and 52 (figures next page) show Math 163 completion rates for first-time to NOVA students in four cohorts by full-/part-time status and race/ethnicity. Among the largest groups of full-time students, Asian students completed Math 163 at the highest rate (63 to 78 percent) and Black students completed the course at the lowest rate (with the exception of the Fall 2010 cohort). The sub-groups of part-time students were too small to make accurate comparisons.

**Table 29. Math 163 Successful Completion Rates by Full-/Part-Time Status and Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**

Status	Race/ Ethnicity	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	White	194	115	59.3	235	142	60.4	206	134	65.0	505	302	59.8
	Black	54	28	51.9	58	37	63.8	51	29	56.9	141	54	38.3
	Asian	114	79	69.3	122	88	72.1	133	104	78.2	248	156	62.9
	Hispanic	87	48	55.2	66	31	47.0	62	45	72.6	196	90	45.9
	Native American*	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0
	Other*	40	26	65.0	11	8	72.7	5	3	60.0	16	9	56.3
Part-Time	White	61	40	65.6	62	47	75.8	73	50	68.5	154	81	52.6
	Black*	19	7	36.8	7	3	42.9	15	11	73.3	40	21	52.5
	Asian	12	6	50.0	19	14	73.7	28	21	75.0	59	24	40.7
	Hispanic	23	15	65.2	16	7	43.8	16	11	68.8	45	23	51.1
	Native American*	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
	Other*	12	10	83.3	9	7	77.8	2	2	100.0	6	4	66.7

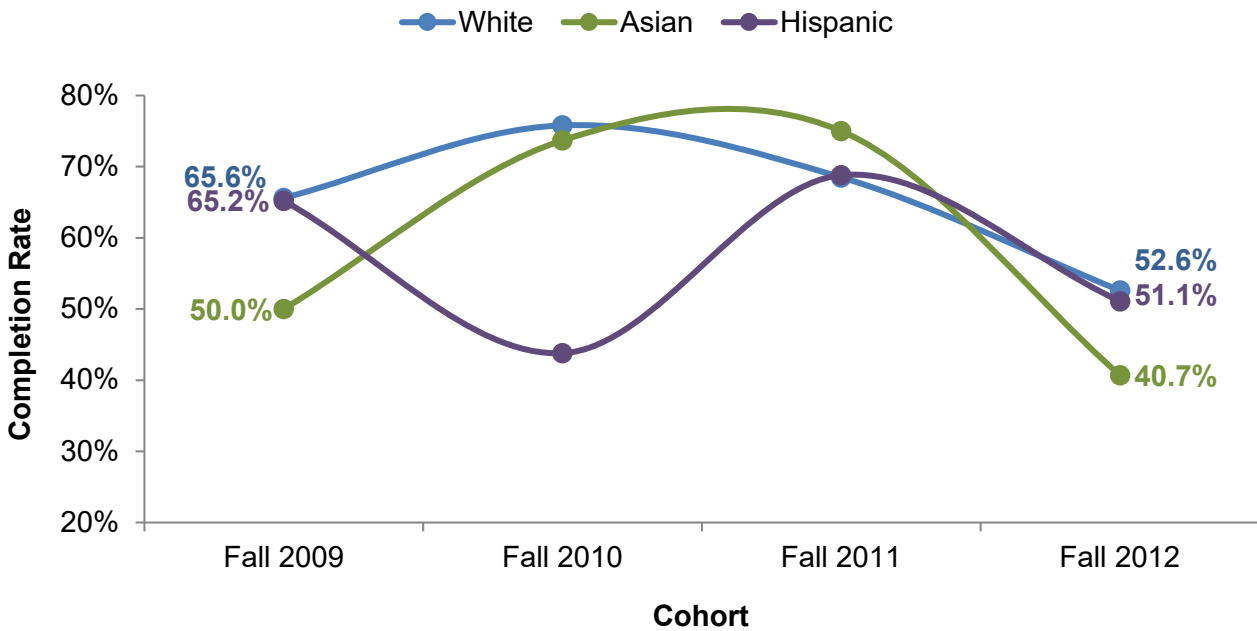
\*Sample size is too small to make accurate comparisons.

**Figure 51. Math 163 Successful Completion Rates of Full-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

**Figure 52. Math 163 Successful Completion Rates of Part-Time Students by Race/Ethnicity: Fall 2009 through Fall 2012 Cohorts**



Note: Sub-groups with small sample sizes are not displayed because they are too small to make accurate comparisons.

### Section 6.4. Math 163 Successful Completion Rates by Full-/Part-Time Status and Program Placement

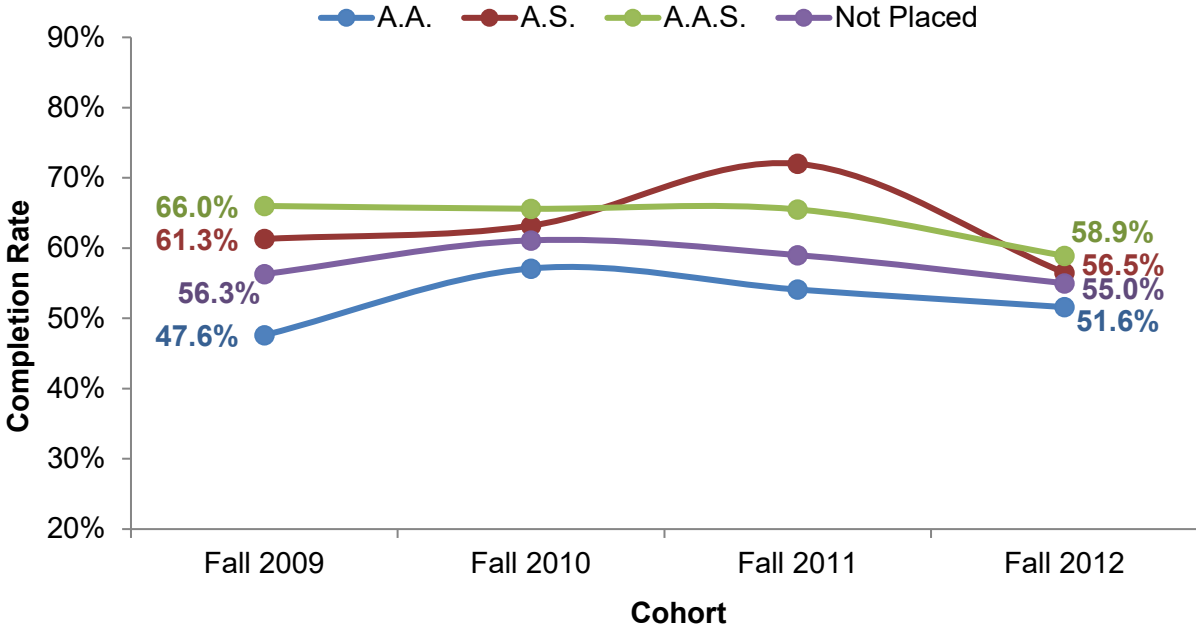
Table 30, Figure 53, and Figure 54 (figures next page) present Math 163 completion rates for first-time to NOVA students in four cohorts by enrollment status and program placement. Among full-time students, in three of the four cohorts, A.A.S. students completed Math 163 at the highest rate, while A.A. students consistently completed Math 163 at the lowest rate. In a comparison of the two largest groups of part-time students, students who were not placed had higher completion rates than students placed in A.S. degree programs.

**Table 30. Math 163 Successful Completion Rates by Full-/Part-Time Status and Program Placement: Fall 2009 through Fall 2012 Cohorts**

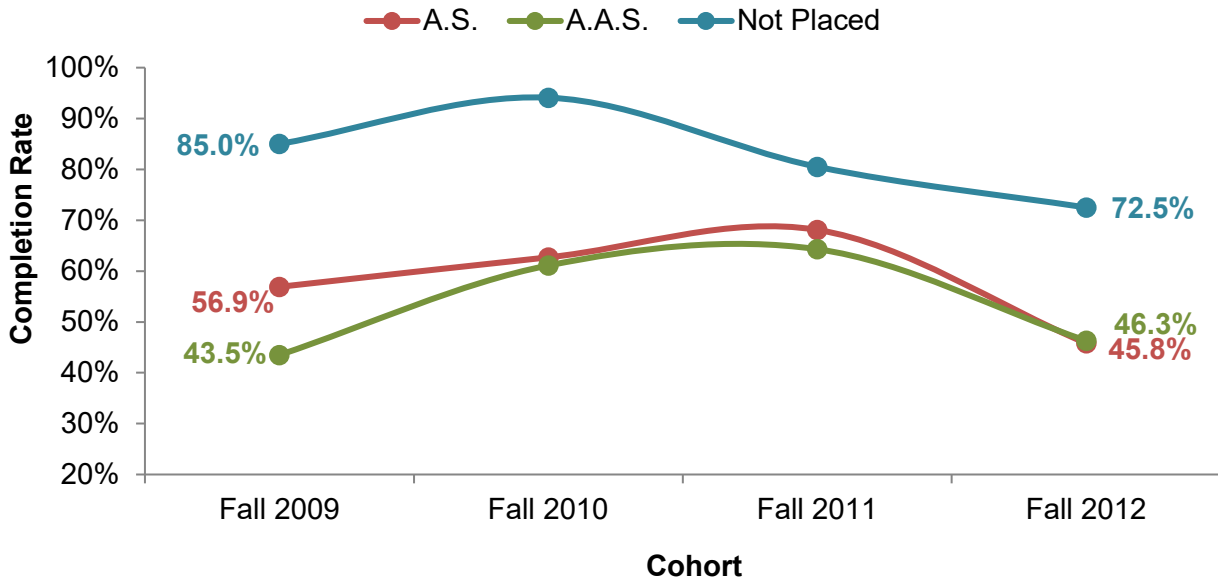
Status	Program Placement	Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
		N	Successful		N	Successful		N	Successful		N	Successful	
			#	%		#	%		#	%		#	%
Full-Time	A.A.	42	20	47.6	35	20	57.1	37	20	54.1	91	47	51.6
	A.S.	269	165	61.3	304	192	63.2	311	224	72.0	797	450	56.5
	A.A.A.*	3	3	100.0	4	2	50.0	3	3	100.0	8	2	25.0
	A.A.S.	103	68	66.0	93	61	65.6	58	38	65.5	124	73	58.9
	Certificate	25	14	56.0	20	9	45.0	10	8	80.0	26	6	23.1
	Not Placed	48	27	56.3	36	22	61.1	39	23	59.0	60	33	55.0
Part-Time	A.A.*	8	4	50.0	2	0	0.0	5	2	40.0	17	8	47.1
	A.S.	51	29	56.9	51	32	62.7	69	47	68.1	192	88	45.8
	A.A.A.*	0	0	0.0	2	1	50.0	0	0	0.0	3	1	33.3
	A.A.S.	23	10	43.5	18	11	61.1	14	9	64.3	41	19	46.3
	Certificate*	5	1	20.0	6	2	33.3	5	4	80.0	1	1	100.0
	Not Placed	40	34	85.0	34	32	94.1	41	33	80.5	51	37	72.5

\*Sample size is too small to make accurate comparisons.

**Figure 53. Math 163 Successful Completion Rates of Full-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**



**Figure 54. Math 163 Successful Completion Rates of Part-Time Students by Program Placement: Fall 2009 through Fall 2012 Cohorts**





## ***NOVA Mission and Strategic Goals: 2005 – 2015***

### **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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