

Persistence Analysis for Caribbean Students on Brooklyn College

(Report Prepared by the Office of the AVP for Budget and Planning, Nov. 10, 2004)

Monitoring student persistence is an important part of making Brooklyn College successful in serving its students. This report contains a series of tables documenting student persistence rates at Brooklyn College. Specifically, these tables present the persistence of Caribbean students since 2001 at Brooklyn College against the backdrop of overall student persistence at Brooklyn College during that time period. The tables provide one source of information that could be useful for decision-making.

The following is included in the following pages:

- A summary of the basic terms and definitions used in this table
- Tables presenting retention, cumulative graduation, cumulative persistence, and cumulative attrition among first time, full time, baccalaureate degree-seeking freshmen. Table one presents data for Caribbean students, and table two presents data for all first time, full time, baccalaureate degree-seeking freshmen.
- Tables three and four provide the same information for entering, full time, baccalaureate degree-seeking transfer students.
- Tables five and six provide the same information for entering, full time, baccalaureate degree-seeking transfer students.
- Tables seven through ten are somewhat different and need special explanation. The initial counts in these tables include all students, regardless of whether they are new or continuing, or full time or part time, who are enrolled in a degree-seeking program.
- Whereas tables one through six contain students starting at a common starting point that can be compared as they progress to their degree, tables seven through ten contain students at various starting points who have the only the intended degree in common.
- Therefore, while both retention and persistence are useful indicators in tables one through six, only persistence rates are useful for tables seven through ten.

The tables presented in the following pages are called Brooklyn College Longitudinal Attrition and Persistence (BCLAP) tables. The BCLAP tables illustrate the enrollment/graduation/attrition status of a defined cohort. These tables are *longitudinal* because they track the behavior of students over time. They tell us about which students we've retained and/or graduated (persistence), and which students no longer attend (attrition). The BCLAP tables provide information about persistence and attrition to inform retention efforts.

BCLAP tables are available at this site according to whether the students entered as **first-time baccalaureate-seeking freshmen, transfer baccalaureate-seeking students, or master's-seeking graduate students**. For each, we have provided overall figures as well as figures for various demographic groups. Included below are a number of tables as well as definitions and examples for effective use of these tables.

Initial Count: The total number of students in the initial cohort, in the fall of the year given.

Retention Rate: The percentage of students from the original cohort returning as of a given number of years. For example, if 100 students entered as members of the fall 1995 cohort, and 80 enrolled in fall 1996 under the same degree status, then the one-year retention rate would be 80%.

Cumulative Graduation Rate: The percentage of students from the original cohort who have graduated within a given number of years. For example, if 20 students from the same hypothetical 100-student fall 1995 cohort had graduated before the start of the 1999 fall semester, the four-year cumulative graduation rate for that cohort would be 20%. It is important to note that the four-year graduation rate does not include students graduating during the fall 1999 semester, only those who have graduated before it. Further, as a cumulative rate, the annual rate always includes students from the cohort who have earned the relevant degree in a prior semester.

Persistence Rate: The sum of the retention and graduation rates for a given year. If the four-year retention rate for students in the fall 1996 cohort is 30%, and the four-year graduation rate for the same cohort is 15%, the persistence rate would be 45%. Another way of putting this is that 45% of all students in the fall 1996 cohort are either still enrolled as of fall 2000, or have graduated. Persistence rate is an important way of accounting for retention in later years without penalizing the school for successful graduation rates.

Attrition Rate: The difference between the full size of the entering cohort (100 percent) and the persistence rate. The attrition rate includes stop-outs (students not returning in a given semester, who return in some subsequent semester), drop outs (who have did not return to college, and will not), and transfer-outs, unless otherwise specified.

Brooklyn College Retention and Graduation Analysis

First Time, Full Time, Baccalaureate Degree-Seeking Freshmen

Retention, Graduation, Persistence, and Attrition (Caribbean Students)

Table 1. Carribean Students Entering as First-Time, Full-Time, Baccalaureate Degree-Seeking Freshmen

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Attrition Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	17	82.4%	64.7%	41.2%	0.0%	0.0%	5.9%	82.4%	64.7%	47.1%	17.6%	35.3%	52.9%
2002	11	90.9%	81.8%		0.0%	0.0%		90.9%	81.8%		9.1%	18.2%	
2003	13	84.6%			0.0%			84.6%			15.4%		

Table 2. All Students Entering as First-Time, Full-Time, Baccalaureate Degree-Seeking Freshmen

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Attrition Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	1,009	83.4%	67.1%	56.7%	0.0%	0.3%	3.4%	83.4%	67.4%	60.1%	16.6%	32.6%	39.9%
2002	1,182	79.0%	62.0%		0.0%	0.1%		79.0%	62.1%		21.0%	37.9%	
2003	1,274	78.6%			0.0%			78.6%			21.4%		

Table 3. Caribbean Students Entering as New Full-Time, Baccalaureate Degree-Seeking Transfer Students

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	15	86.7%	66.7%	20.0%	0.0%	6.7%	46.7%	86.7%	73.4%	66.7%	13.3%	26.6%	33.3%
2002	17	88.2%	47.1%		0.0%	17.6%		88.2%	64.7%		11.8%	35.3%	
2003	22	63.6%			0.0%			63.6%			36.4%		

Students from Countries Included: Antigua and Barbuda, Aruba, Bahamas, Barbados, Cuba, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Puerto Rico, St Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Virgin Islands, Dominica, Netherlands Antilles, Montserrat, and the British West Indies, and also Guyana.

Source: Office of the AVP for Budget and Planning, Show Registration, and Graduation Files

Updated: 11/10/2004, 10:36 AM

Brooklyn College Retention and Graduation Analysis

First Time, Full Time, Baccalaureate Degree-Seeking Freshmen

Retention, Graduation, Persistence, and Attrition (Caribbean Students)

Table 4. All Students Entering as New Full-Time, Baccalaureate Degree-Seeking Transfer Students

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	772	78.4%	49.5%	24.7%	0.1%	11.7%	30.1%	78.5%	61.2%	54.8%	21.5%	38.8%	45.2%
2002	931	71.0%	51.6%		0.5%	9.5%		71.5%	61.1%		28.5%	38.9%	
2003	1,106	73.0%			0.7%			73.7%			26.3%		

Table 5. Caribbean Students Entering as New Master's Degree-Seeking Graduate Students

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2002	2	50.0%	50.0%		50.0%	50.0%		100.0%	100.0%		0.0%	0.0%	
2003	6	83.3%			0.0%			83.3%			16.7%		

Table 6. All Students Entering as New Master's Degree-Seeking Graduate Students

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	686	72.6%	42.7%	14.4%	1.9%	27.3%	50.7%	74.5%	70.0%	65.1%	25.5%	30.0%	34.9%
2002	682	77.1%	40.6%		2.5%	33.6%		79.6%	74.2%		20.4%	25.8%	
2003	1,100	81.5%			0.6%			82.1%			17.9%		

Students from Countries Included: Antigua and Barbuda, Aruba, Bahamas, Barbados, Cuba, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Puerto Rico, St Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Virgin Islands, Dominica, Netherlands Antilles, Montserrat, and the British West Indies, and also Guyana.

Source: Office of the AVP for Budget and Planning, Show Registration, and Graduation Files

Updated: 11/10/2004, 10:36 AM

Brooklyn College Retention and Graduation Analysis

First Time, Full Time, Baccalaureate Degree-Seeking Freshmen

Retention, Graduation, Persistence, and Attrition (Caribbean Students)

Table 7. Persistence of All Caribbean Students Enrolled for a Baccalaureate Degree

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	123	66.7%	45.5%	27.6%	7.3%	20.3%	33.3%	74.0%	65.8%	60.9%	26.0%	34.2%	39.1%
2002	142	68.3%	39.4%		12.0%	28.2%		80.3%	67.6%		19.7%	32.4%	
2003	165	59.4%			13.9%			73.3%			26.7%		

Table 8. Persistence of All Caribbean Students Enrolled for a Master's Degree

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	3	66.7%	33.3%	0.0%	0.0%	0.0%	0.0%	66.7%	33.3%	0.0%	33.3%	66.7%	100.0%
2002	4	50.0%	25.0%		0.0%	0.0%		50.0%	25.0%		50.0%	75.0%	
2003	10	90.0%			0.0%			90.0%			10.0%		

Students from Countries Included: Antigua and Barbuda, Aruba, Bahamas, Barbados, Cuba, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Puerto Rico, St Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Virgin Islands, Dominica, Netherlands Antilles, Montserrat, and the British West Indies, and also Guyana.

Brooklyn College Retention and Graduation Analysis

First Time, Full Time, Baccalaureate Degree-Seeking Freshmen

Retention, Graduation, Persistence, and Attrition (Caribbean Students)

Table 9. Persistence of All Students Enrolled for a Baccalaureate Degree

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	9,675	65.4%	40.9%	24.1%	14.4%	29.7%	41.6%	79.8%	70.6%	65.7%	20.2%	29.4%	34.3%
2002	10,203	62.1%	39.4%		14.9%	28.4%		77.0%	67.8%		23.0%	32.2%	
2003	9,675	59.4%			13.9%			73.3%			26.7%		

Table 10. Persistence of All Students Enrolled for a Master's Degree

Cohort	Initial Count	<u>Retention Rate</u>			<u>Cumulative Graduation Rate</u>			<u>Cumulative Persistence Rate</u>			<u>Cumulative Graduation Rate</u>		
		1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later	1 Year Later	2 Years Later	3 Years Later
2001	3,205	52.5%	22.9%	8.6%	25.4%	51.1%	63.6%	77.9%	74.0%	72.2%	22.1%	26.0%	27.8%
2002	3,169	52.1%	20.1%		29.0%	56.1%		81.1%	76.2%		18.9%	23.8%	
2003	3,457	53.6%			27.4%			81.0%			19.0%		

Students from Countries Included: Antigua and Barbuda, Aruba, Bahamas, Barbados, Cuba, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Puerto Rico, St Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Virgin Islands, Dominica, Netherlands Antilles, Montserrat, and the British West Indies, and also Guyana.

Source: Office of the AVP for Budget and Planning, Show Registration, and Graduation Files

Updated: 11/10/2004, 10:36 AM