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## **ABSTRACT**

Data on the success rates of non-high school graduates at Miami-Dade Community College (M-DCC), as determined by graduation or the achievement of a 2.00 grade point average (GPA) and 30 or more credit hours, are presented and analyzed in this report. Table I summarizes the enrollment of non-high school graduates at M-DCC by ethnic group, using closing term data for the full academic years 1980-81, 1981-82, and 1982-83. Table 2 provides data on the success rates of cohorts of non-high school graduates who entered M-DCC in the fall quarters of 1977 through 1980, and table 3 provides comparable data on success rates of high school graduates over the same period. The last table, table 4, provides a summary of the distribution by age of non-high school graduates from fall 1980 through summer 1983. Highlights of the findings show that: (1) the number of non-high school graduates enrolling at M-DCC declined consistently across all categories from 1980 to 1983; (2) in 1980-81, 60% of all of the non-high school graduates enrolled were black, and in 1982-83, 37% were black; and (3) the success rate of non-high school graduates over the 5-year period beginning in 1977 was 15.1%. The report concludes that a proposed exclusion of non-high school graduates from M-DCC would affect black students most heavily and would prohibit some students from achieving success at the two-year college and beyond. (HB)



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AN ANALYSIS OF SUCCESS RATE OF NON-HIGH SCHOOL GRADATES

Research Report No. 83-22

July 1983

John Losak

Figures for Tables Prepared by Margaret Mannchen Staff Associate

Miami-Dade Community College

OFFICE OF INSTITUTIONAL RESEARCH (Revised August 1983)



An Analysis of Success Rate of Non-High School Graduates

The purpose of this report is to focus on the proportions of students enrolling at Miami-Dade who are non-high school graduates and to then review their success rates, defined as either: 1) graduation, or 2) achieving a 2.00 or higher grade point average and 30 or more credit hours. Table 1 summarizes the enrollment of non-high school graduates at Miami-Dade by ethnic group for closing term data for the full academic years 1980-81, 1981-82, and 1982-83. There are two things that are quite clear from the data. First, the number of non-high school graduates enrolling at Miami-Dade has declined consistently across all categories for the threeyear period. Next, the proportion of black non-Hispanic students among the non-high school graduates is quite high relative to the total enrollment. Note for example that in 1980-81, 60% of all the non-high school graduates were black; in 1981-82, 52% of all of the non-high school graduates enrolled at Miami-Nade were black non-Hispanic. Although this percentage dropped to . 37% in 1982-83, it still represents more than double the proportion of black non-Hispanic enrollment college-wide.

above are not especially impressive, but nonetheless, there are probably more students succeeding than would be anticipated. Looking at the 1977 cohort of non-high school graduates in Table 2 and giving the students enrolling in that Fall Term five years, the success rate is 15.1%. Beginning with 1978 and the introduction of the Standards of Academic Progress,

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the success rate for a four-year cohort is 23.8%; for 1979 (a three-year cohort), the success rate is 16.7%. Table 3 summarizes the success rate of high school graduates for purposes of comparison.

There is also a summary of the distribution by age for the non-high school graduates in Table 4. This distribution provides some notion of the cumulative impact of the recent decision to exclude all non-high school graduates from Miami-Dade. The cumulative effect will take several years to occur, but will nonetheless eventually prevent any high school dropout, regardless of age, from entering Miami-Dade without having first earned a high school diploma or equivalent.

In summary, the heaviest impact of the new policy for exclusion of non-high school graduates from the previous open-door community college will be on black students and will prohibit some students from achieving success at the two-year college and beyond.

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Table 1
First-Time-in-College Non-High School Graduates by Ethnic Group
Closing Term Data, Academic Years 1980-81, 1981-82 and 1982-83 to Date

			Talat	M 0.1	Total						
Academic Years:	White No	n-Hispanic	Black Non-Hispanic		<b>°</b> His	panic	Other	Ethnic	School	Non-High Graduates	First-Time in-College
	Number of Students	Percent of Total Non- Graduates	Number of Students	Percent of Total Non- Graduates	Number of Students	Percent of Total Non- Graduates	Number of Students	Percent of Total Non- Graduates	Number of Students	Percent of First-Time in-College	Number of Students
- 1980-81:	1 1 4										
Fall <sub>], /,</sub>	93	20.3	231	50.5	127	27.7	7	1.5	458	4:0	11,411
Winter	/72 /	14/7	313	64.0	98	20.1	6	1.2	489	8.6	5,654
Spring	34	12.5	192	70.3	44	16.1	3	1.1	273	9.6	2,854
Summer	19.	21.6	, 52	59.1	15	17.0	2	2.3	88	8.3	1,066
<u>Total</u>	218	16.7	788	60.2	284	21.7	18	1.4	1,308	6.2	20,985
<u>1981-82:</u>		, ,	ing in								
Fall	64	13.9	260	56.7	127	27.7	8	1.7	459	4.9	9,343
Winter	46	17.0	123	45.4	95	35.0.	. 7	2.6	271 .	5.7	4,796
Spring	31	15.7	98	49.5	64	32.3	5.	2.5	198	8.1	2,442
Summer	. 16	22.6	40	56.3	14	19.7	1	1.4	71	7.6	938
Total	157	15.7	521 ·	52.2	300	30.0	. 21	2.1	999	5.7	17,519
1982-83:	•	, the state of the	,				,				· ·
Fall	62	23.5	87	33.0	107	40.5,#	8	3.0	264	3.1	- 8,426
Winter	40 - 1	17.5	96	41.9	90	39.3	3	1.3	229	4.7 -	4,872
Spring	17	12.5	- 51	37.5	63	46.3,	5	3.7	136	6.0	2,264
Summer	6.	20.0	11	36.7	10	33.3	3 °	10.0	30	3.1	963
Total	125	19.0	245	37.2 <sub>g</sub>	270	41.0	19	2.9	659	4.0	16,525

Data Source: Closing Ferm IRS40J00 Enrollment Data, SAS Analysis

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Success Rate of Non-High School Graduates at Miami-Dade Community College

3	Proportion of Non-High School Graduates Th That Graduated From M-DCC by Fall 82-1	Proportion of Non-High/School at Did Not Graduate From M-DCC Credits <u>&gt;</u> 30, GPA <u>&gt;</u> 2.00 by F	. But Earned	Proportion of Non-High School Graduates That Achieved Success at Miami-Dade by Fall 82-1				
Yeans After Entry at Miami-Dade	M-DCC M-DCC M-DCC M-DCC Fall 80-1 Fa	mtered Entered Entered M-DCC M-DCC M-DCC 11 77-1 Fall 78-1 Fall 79-1 N=397) (N=324) (N=610)	Entered M-DCC Fall 80-) (N=457)	Entered Entered M-DCC M-DCC Fall 77-1 Fall 78- (N=324)	### Entered Entered ###################################			
By Year 2	5.0 5.6 4.1 2.6	**	7.4	1	10.0			
By Year 3	7.8 10.1 8.2	8.5			16.7			
By Year 4'	8.1 10.5	13,8		23.8 ,				
By Year 5	8.3	6:8	•	15.1				

Success is defined as the sum of M-DCC graduates plus M-DCC non-graduates who have earned 30 or more credits with a cumulative GPA of 2.00 or greater.

Data Source: Longitudinal Master File SAS Analysis.

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Table 3

. Success Rate of High School Graduates at Miami-Dade Community College

		Proport • That Grad	ion of High luated From	School Gra M-DCC by F	nduates all 82-1	That Did N	oż Graduațe	gh SchooleG From M-DCC ≥ 2.00 by	, But Earned	Propor That Achie	<b>tion</b> of <b>Hi</b> ved Success	gh School Gi at M-DCC	raduates by Fall 82-1
Years After Entry at Miami-Dade		Entered M-DCC Fall 77-1 (N=10,122)	Entered M-DCC Fall 78-1 (N=9,722)	Entered M-DCC Fall 79-1 (N=9,836)	Entered M-DCC Fall 80-1 (N=10,939)	Entered M-DCC/ Fall 77-1 (N=10/122)		Entered * M-DCC * Fall 79-1 (N=9,836)	M-DCC	Entered M-DCC Fall 77-1 (N=10,122)	Entered M-DCC Fall 78-1 (N=9,722)	Entered M-DCC F311-79-1 (N=9,836)	Entered pM-DCC Fall 80-1 (N=10,939)
By Year 2		111.3	11.8	12.7	12.0			.= .	21.4	,	1 14 AV	/	33.4
By Year 3	•	20.2	20.3	20.1		/		15.3-	į.			<b>35.4</b>	•
By Year 4		21.6	21.8	,	0	/ ·	15.6	,			37.4		
Ry Year 5		22.2	, , 	13°		15.4	, ,			37.6			

Success is defined as the sum of M-DCC graduates plus M-DCC non-graduates who have earned 30 or more credits with a cumulative GPA of 2.00 or greater

Data Source: Longitudinal Master File, SAS Analysis.

Firs -Time-th-College Mon-High School Graduates by Age Group Closing, erm Data, Academic Years 1980-81, 1981-82 and 1982-83 to Date

		-	· .		- 1						<u> </u>					Tatal	Total Nov. Ht.L	
<u> </u>				. <del></del>		4		41 Through 50		51 Through 60		61 and Over		signated	- lotal non-High School Graduates		First-Time in-College	
Number of Students	Percent of Total Non- Graduates	Number of Students	Percent of Total Non- Graduates	of Number n- of s Students	Percent of Total Non- s Graduates	f Number - of Students	Percent of Total Non- s Graduates	of Number n- of Students	Percent of Total Non- s Graduates	f Number of Students	Percent of Total Non- s Graduates	Number of Students	Percent of Total Non- s Graduates	Number of Students	Percent of Total Non- s Graduates	of.	First-Time	Number of Students
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98	35.9	71	26.0	1 43	15.7	25		• 17		. '7			T i	7	10.4			5,654
38	43.2	32	36.4	9	10.2	3	*	1.	1.	3				Ü	•	,		2,854
375	28.7	340	26.0	207		183	14.0	88	6.7	39	3.0	74	5.7	2	0.1	88 1,308	8.3 6.2'	1,066 20,985
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	24.4	198	30.0	102	15.5	90	13.7	60	9.1	34	5.2	12	3.3 1.8	. 6	0.3	1 30	3.1	963
	Number of students  102 137 98 38 375  125 75 48 35 283	102 22.3 137 28.0 98 35.9 38 43.2 375 28.7  125 27.2 75 27.7 48 24.2 35 49.3 28.3 28.3  77 29.2 48 21.0 24 17.6 12 40.0	Number of Total Non- of Students Graduates Students 102 22.3 111 137 28.0 126 98 35.9 71 38 43.2 32 375 28.7 340  125 27.2 122 75 27.7 64 48 24.2 54 48 24.2 54 35 49.3 16 283 28.3 256  77 29.2 85 48 21.0 73 24 17.6 34 12 40.0 6	Number of Total Non- itudents Graduates         Number of Total Non- of Total Non- itudents Graduates         Number of Total Non- of Total Non- itudents Graduates           102         22.3         111         24.2           137         28.0         126         25.8           98         35.9         71         26.0           38         43.2         32         36.4           375         28.7         340         26.0           125         27.2         122         26.6           75         27.7         64         23.6           48         24.2         54         27.3           35         49.3         16         22.5           283         28.3         256         25.7           77         29.2         85         32.2           48         21.0         73         31.9           24         17.6         34         25.0           12         40.0         6         20.0	Number of Total Non- of Total Non- Students         Number of Total Non- Of Total Non- Of Students         Number of Total Non- Of Students         Number of Total Non- Of Students           102         22.3         111         24.2         76           137         28.0         126         25.8         79           98         35.9         71         26.0         43           38         43.2         32         36.4         9           375         28.7         340         26.0         207           125         27.2         122         26.6         72           75         27.7         64         23.6         42           48         24.2         54         27.3         33           35         49.3         16         22.5         6           283         28.3         256         25.7         153           77         29.2         85         32.2         37           48         21.0         73         31.9         36           24         17.6         34         25.0         25           12         40.0         6         20.0         4	Number of Total Non- of Total Non- itudents         Percent of Total Non- of Total	20 and Under         21 Through 25         26 Through 30         31 Through 25           Number of Total Non- of Total Non	20 and Under   21 Through 25   26 Through 30   31 Through 40	Age Groups   20 and Under   21 Through 25   26 Through 30   31 Through 40   41 Th	Age Groups   20 and Under   21 Through 25   26 Through 30   31 Through 40   41 Through 50	20 and Under   21 Through 25   26 Through 30   31 Through 40   41 Through 50   51 Through 50	20 and Unger 21 Through 25 26 Through 30 31 Through 40 41 Through 50 51 Through 60  Number Percent of Number of Total Non- of To	20 and Unger 21 Through 25 26 Through 30 31 Through 40 41 Through 50 .51 Through 60 61  Number Percent of Total Non- of Total No	Number   Percent of   Number   Percent of	Number   Percent of Number   Percent of   Percent of   Percent of   Number   Percent of   Perc	Number	Total   Number   Percent of   Number   Per	Total Non-High   Total Non-Figure   Total Non-Fi

Data Source: Closing Term IRS40J00 Enrollment Data, SAS Analysis. 。

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