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AUTHOR Morris, Cathy; And Others
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ABSTRACT

This report provides a demographic profile of fall 1993 supplemental vocational education students (SVES's) at Miami-Dade Community College, in Florida, or students enrolled in non-credit courses designed to upgrade job skills. The profile is based on registration forms completed by 7,584 SVES's and includes data on student age, ethnicity, gender, and residency for the college as a whole and for the North, Kendall, Wolfson, Medical Center, and Homestead campuses. Highlighted findings include the following: (1) campus-wide, SVES's accounted for 12% of the total enrollment; (2) 52% of the SVES's were at North Campus and 33% at Kendall; (3) the mean age of the SVES's was 37.6 years, compared to 26.1 for credit students and 33.2 for students pursuing vocational certificates; (4) 37% of the SVES's were over 40 years old, compared to 8% of credit students and 23% of vocational certificate students; (5) 32% were White non-Hispanic and 51% were male, while vocational certificate students were 35% Black non-Hispanic, and 60% female; (6) while only 28% of 14 to 20 year-old SVES's were male, 56% of those over 40 were male; (7) 50.7% of the Black SVES's were female, compared to 58% of Hispanics, and 40% of Whites; (8) North Campus enrolled 3,964 SVES's, representing 18% of its total enrollment, while Kendall enrolled 2,464 SVES's, 11% of its total; and (9) Wolfson Campus had 261 SVES's, 2% of its total, and Medical Center campus had 848 supplemental students, accounting for 18% of its total enrollment. (KP)

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CHARACTERISTICS OF SUPPLEMENTAL
VOCATIONAL EDUCATION STUDENTS
FALL TERM 1993

Research Report No. 94-06R

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Institutional Research

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**CHARACTERISTICS OF SUPPLEMENTAL
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**Cathy Morris
Dean**

**Figures for Tables Prepared by
Steven Folsom
Staff Associate**

Miami-Dade Community College

INSTITUTIONAL RESEARCH

CHARACTERISTICS OF SUPPLEMENTAL VOCATIONAL EDUCATION STUDENTS FALL TERM 1993

More than 7,500 Supplemental students enrolled at Miami-Dade this past Fall Term in non-credit courses designed to upgrade job skills. This report provides basic demographics on these students. The amount of information provided is limited, however, because Supplemental vocational education students complete a very brief non-credit registration form. Even this limited information reveals a profile that differs considerably from that of credit students and students pursuing vocational credit certificates (PSAV).

College-Wide Summary. Table 1 displays the basic information on campus, age, ethnicity, gender and residency for Supplemental students, compared to PSAV students and credit students. Note that when we sum the three categories of students for the Fall Term, the total enrollment is approximately 63,000, with Supplemental students 12% of this total. More than half (52%) of Supplemental students were at the North Campus, while a third were at Kendall.

Supplemental students show a mean age of 37.6 years, compared to 26.1 for credit students and 33.2 for PSAV. More than a third (37%) of the Supplemental students were over 40 years old, compared to 8% of credit students and 23% of PSAV students. Additionally, Supplemental students show the highest proportion of White non-Hispanics (32%) and males (51%) among the three comparison groups, while PSAV students show the highest proportion of Black non-Hispanics (35%) and females (60%).

Tables 2 and 3 present data for Supplemental students only, and show age by gender and ethnicity by gender. In general, the proportion of males increases as age increases. While only 28% of 14 to 20-year-olds were male, 56% of students over 40 years old were male. Within ethnic groups, Blacks were fairly evenly distributed at 50.7% female and 49.3% male, while Hispanics were 58% female and Whites were 60% male.

Campus Highlights. Details for individual campuses are given in Tables 4 through 15. Homestead is excluded because of the small number of Supplemental vocational students (47). North Campus had 3,964 Supplemental vocational students, which is 18% of their combined total of 21,413 Supplemental, PSAV, and credit students. Supplemental students were the oldest of the three groups, with a mean age of 37.3 years. The highest proportion of North Campus Supplemental students were Whites (35%) and males (69%), probably due to the activities at the Fire and Police academies on the North Campus. As was true college-wide, the proportion of males increases as age increase, so that 75% of students over 40 were males.

Kendall Campus had a combined enrollment of 23,136 credit, PSAV, and Supplemental students, with Supplemental students 11% of this total (2,464 students). The mean age of Supplemental students was 38.1 years, making them the oldest of the three groups. Supplemental students had a higher proportion of Whites (28%) than did credit students (23%), but not as high as PSAV students (31%). The majority of Kendall Campus Supplemental students were Hispanic (64%) and female (70%).

Wolfson Campus had 261 Supplemental vocational students, which is 2% of their combined total of 12,764 Supplemental, PSAV, and credit students. These students were primarily Hispanic (87%) and female (77%), with the oldest mean age of any campus (38.7 years). The highest proportion of males (30.7%) occurred for supplemental students over 40 years old.

Medical Center Campus had a combined enrollment of 4,613 Supplemental, PSAV, and credit students, with Supplemental students 18% of this total (848 students). The mean age of Supplemental students was 37.5 years, compared to 30 years old for the other two groups. Supplemental students had the highest proportion of Whites (33%) and males (38%), while PSAV students had the lowest.

Technical note. Information on Supplemental vocational students was captured from course records on the Student Data Base (SDB). All supplemental course records were selected and unduplicated by student ID number. Campus was determined by the course location code. Demographics came from the SDB demographic record. Information on PSAV and credit students was captured from the IRS40 research file. It was possible that students could fall into more than one category.

Table 1
College-Wide
Supplemental, PSAV, and Credit Enrollment
by Campus, Age, Ethnicity, Gender and Residency
Fall Term 1993

Demographics	Enrollment Category						Total	
	Supplemental		PSAV		Credit			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Campus:								
North	3,964	52.3%	1,613	60.7%	15,836	30.0%	21,413	34.0%
Kendall	2,464	32.5%	640	24.1%	20,032	37.9%	23,136	36.7%
Wolfson	261	3.4%	252	9.5%	12,251	23.2%	12,764	20.2%
Medical Center	848	11.2%	148	5.6%	3,617	6.8%	4,613	7.3%
Homestead	47	0.6%	3	0.1%	1,078	2.0%	1,128	1.8%
College-Wide	7,584	100.0%	2,656	100.0%	52,814	100.0%	63,054	100.0%
Age:								
14-20	289	3.9%	204	7.7%	16,927	32.1%	17,420	27.7%
21-25	737	9.9%	587	22.2%	16,009	30.3%	17,333	27.6%
26-30	1,101	14.9%	483	18.2%	7,524	14.2%	9,108	14.5%
31-35	1,343	18.1%	427	16.1%	4,786	9.1%	6,556	10.4%
36-40	1,209	16.3%	346	13.1%	3,205	6.1%	4,760	7.6%
Over 40	2,732	36.9%	601	22.7%	4,362	8.3%	7,695	12.2%
Total	7,411	100.0%	2,648	100.0%	52,813	100.0%	62,872	100.0%
Mean Age	37.6		33.2		26.1			
Ethnicity:								
Black Non-Hispanic	1,028	13.6%	920	34.6%	11,239	21.3%	13,187	20.9%
Hispanic	3,496	46.1%	1,192	44.9%	30,316	57.4%	35,004	55.5%
White Non-Hispanic	2,410	31.8%	492	18.5%	10,169	19.3%	13,071	20.7%
Other	650	8.6%	52	2.0%	1,090	2.1%	1,792	2.8%
Total	7,584	100.0%	2,656	100.0%	52,814	100.0%	63,054	100.0%
Gender:								
Female	3,709	48.9%	1,598	60.2%	30,651	58.0%	35,958	57.0%
Male	3,875	51.1%	1,058	39.8%	22,163	42.0%	27,096	43.0%
Total	7,584	100.0%	2,656	100.0%	52,814	100.0%	63,054	100.0%
Residency:								
Florida	7,372	97.2%	2,608	98.2%	50,554	95.7%	60,534	96.0%
Out-of-State/Country	212	2.8%	48	1.8%	2,260	4.3%	2,520	4.0%
Total	7,584	100.0%	2,656	100.0%	52,814	100.0%	63,054	100.0%

Note: A total of 182 enrollees were missing age data.
Source: SDB and IRS40.

Table 2
Supplemental Enrollment by Gender by Age
Fall Term 1993
College-Wide

Gender	14-20		21-25		26-30		31-35		36-40		Over 40		Total	
	Number	Percent	Number	Percent	Number	Percent								
Female	208	72.0%	483	65.5%	572	52.0%	633	47.1%	565	46.7%	1,208	44.2%	3,669	49.5%
Male	81	28.0%	254	34.5%	528	48.0%	710	52.9%	644	53.3%	1,524	55.8%	3,742	50.5%
Total	289	100.0%	737	100.0%	1,101	100.0%	1,343	100.0%	1,209	100.0%	2,732	100.0%	7,411	100.0%

Note: 173 supplemental enrollees were missing age data.
Source: SDB and IRS40.

Table 3
Supplemental Enrollment by Gender by Ethnicity
Fall Term 1993
College-Wide

Gender	Black		Hispanic		Non-Hispanic		Other		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	521	50.7%	2,018	57.7%	966	40.1%	204	31.4%	3,709	48.9%
Male	507	49.3%	1,478	42.3%	1,444	59.9%	446	68.6%	3,875	51.1%
Total	1,028	100.0%	3,496	100.0%	2,410	100.0%	650	100.0%	7,584	100.0%

Source: SDB and IRS40.

Table 4
North Campus
Supplemental, PSAV, and Credit Enrollment
by Age, Ethnicity, Gender and Residency
Fall Term 1993

Demographics	Enrollment Category							
	Supplemental		PSAV		Credit		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Age:								
14 - 20	105	2.8%	151	9.4%	4,532	28.6%	4,788	22.5%
21 - 25	329	8.6%	408	25.3%	4,967	31.4%	5,704	26.8%
26 - 30	595	15.6%	301	18.7%	2,429	15.3%	3,325	15.6%
31 - 35	741	19.4%	231	14.3%	1,568	9.9%	2,540	11.9%
36 - 40	667	17.5%	194	12.0%	1,016	6.4%	1,877	8.8%
Over 40	1,380	36.2%	325	20.2%	1,324	8.4%	3,029	14.2%
Total	3,817	100.0%	1,610	100.0%	15,836	100.0%	21,263	100.0%
Mean Age	37.3		32.2		26.5			
Ethnicity:								
Black non-Hispanic	807	20.4%	787	48.8%	6,267	39.6%	7,861	36.7%
Hispanic	1,306	32.9%	621	38.5%	7,028	44.4%	8,955	41.8%
White non-Hispanic	1,399	35.3%	190	11.8%	2,233	14.1%	3,822	17.8%
Other	452	11.4%	15	0.9%	308	1.9%	775	3.6%
Total	3,964	100.0%	1,613	100.0%	15,836	100.0%	21,413	100.0%
Gender:								
Female	1,225	30.9%	965	59.8%	9,215	58.2%	11,405	53.3%
Male	2,739	69.1%	648	40.2%	6,621	41.8%	10,008	46.7%
Total	3,964	100.0%	1,613	100.0%	15,836	100.0%	21,413	100.0%
Residency:								
Florida	3,843	96.9%	1,585	98.3%	15,364	97.0%	20,792	97.1%
Out-of-State/Country	121	3.1%	28	1.7%	472	3.0%	621	2.9%
Total	3,964	100.0%	1,613	100.0%	15,836	100.0%	21,413	100.0%

Note: A total of 150 enrollees were missing age data.
Source: SDB and IRS40.

Table 5
Supplemental Enrollment by Gender by Age
 Fall Term 1993
 North Campus

Gender	Age												Total	
	14-20		21-25		26-30		31-35		36-40		Over 40		Number	Percent
Female	71	67.6%	183	55.6%	214	36.0%	226	30.5%	168	25.2%	345	25.0%	1,207	31.6%
Male	34	32.4%	146	44.4%	381	64.0%	515	69.5%	499	74.8%	1,035	75.0%	2,610	68.4%
Total	105	100.0%	329	100.0%	595	100.0%	741	100.0%	667	100.0%	1,380	100.0%	3,817	100.0%

Note: 147 supplemental enrollees were missing age data.
 Source: SDB and IRS40.

Table 6
Supplemental Enrollment by Gender by Ethnicity
 Fall Term 1993
 North Campus

Gender	Ethnicity						Total	
	Black		Hispanic		White		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Female	357	44.2%	524	40.1%	273	19.5%	1,225	30.9%
Male	450	55.8%	782	59.9%	1,126	80.5%	2,739	69.1%
Total	807	100.0%	1,306	100.0%	1,399	100.0%	3,964	100.0%

Source: SDB and IRS40.

Table 7
Kendall Campus
Supplemental, PSAV, and Credit Enrollment
by Age, Ethnicity, Gender and Residency
Fall Term 1993

Demographics	Enrollment Category						Total	
	Supplemental		PSAV		Credit		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Age:								
14 - 20	148	6.0%	33	5.2%	7,871	39.3%	8,052	34.8%
21 - 25	279	11.4%	83	13.1%	6,474	32.3%	3,836	29.6%
26 - 30	318	13.0%	116	18.3%	2,446	12.2%	2,880	12.5%
31 - 35	410	16.7%	138	21.7%	1,271	6.3%	1,819	7.9%
36 - 40	364	14.8%	97	15.3%	846	4.2%	1,307	5.7%
Over 40	935	38.1%	168	26.5%	1,124	5.6%	2,227	9.6%
Total	2,454	100.0%	635	100.0%	20,032	100.0%	23,121	100.0%
Mean Age	38.1		34.6		24.5			
Ethnicity:								
Black non-Hispanic	84	3.4%	35	5.5%	1,575	7.9%	1,694	7.3%
Hispanic	1,574	63.9%	379	59.2%	13,303	66.4%	15,256	65.9%
White non-Hispanic	688	27.9%	200	31.3%	4,636	23.1%	5,524	23.9%
Other	118	4.8%	26	4.1%	518	2.6%	662	2.9%
Total	2,464	100.0%	640	100.0%	20,032	100.0%	23,136	100.0%
Gender:								
Female	1,714	69.6%	367	57.3%	11,094	55.4%	13,175	56.9%
Male	750	30.4%	273	42.7%	8,938	44.6%	9,961	43.1%
Total	2,464	100.0%	640	100.0%	20,032	100.0%	23,136	100.0%
Residency:								
Florida	2,383	96.7%	624	97.5%	18,920	94.4%	21,927	94.8%
Out-of-State/Country	81	3.3%	16	2.5%	1,112	5.6%	1,209	5.2%
Total	2,464	100.0%	640	100.0%	20,032	100.0%	23,136	100.0%

Note: A total of 15 enrollees were missing age data.

Source: SDB and IRS40.

Table 8
Supplemental Enrollment by Gender by Age
Fall Term 1993
Kendall Campus

Gender	Age										Total	
	14-20		21-25		26-30		31-35		36-40		Over 40	
	Number	Percent	Number	Percent								
Female	104	70.3%	209	74.9%	216	67.9%	276	67.3%	277	76.1%	623	66.6%
Male	44	29.7%	70	25.1%	102	32.1%	134	32.7%	87	23.9%	312	33.4%
Total	148	100.0%	279	100.0%	318	100.0%	410	100.0%	364	100.0%	935	100.0%
											1,705	69.5%
											749	30.5%
											2,454	100.0%

Note: 10 supplemental enrollees were missing age data.
 Source: SDB and IRS40.

Table 9
Supplemental Enrollment by Gender by Ethnicity
Fall Term 1993
Kendall Campus

Gender	Ethnicity						Total	
	Black		Hispanic		Non-Hispanic		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	66	78.6%	1,086	69.0%	478	69.5%	84	71.2%
Male	18	21.4%	488	31.0%	210	30.5%	34	28.8%
Total	84	100.0%	1,574	100.0%	688	100.0%	118	100.0%
							1,714	69.6%
							750	30.4%
							2,464	100.0%

Source: SDB and IRS40.

Table 10
Wolfson Campus
Supplemental, PSAV, and Credit Enrollment
by Age, Ethnicity, Gender and Residency
Fall Term 1993

Demographics	Enrollment Category						Total	
	Supplemental		PSAV		Credit		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Age:								
14 - 20	4	1.5%	12	4.8%	3,624	29.6%	3,640	28.5%
21 - 25	22	8.5%	40	15.9%	3,319	27.1%	3,381	26.5%
26 - 30	38	14.6%	43	17.1%	1,873	15.3%	1,954	15.3%
31 - 35	47	18.1%	36	14.3%	1,284	10.5%	1,367	10.7%
36 - 40	48	18.5%	35	13.9%	825	6.7%	908	7.1%
Over 40	101	38.8%	86	34.1%	1,326	10.8%	1,513	11.9%
Total	260	100.0%	252	100.0%	12,251	100.0%	12,763	100.0%
Mean Age	38.7		37.1		27.1			
Ethnicity:								
Black non-Hispanic	5	1.9%	30	11.9%	1,807	14.7%	1,842	14.4%
Hispanic	227	87.0%	149	59.1%	8,340	68.1%	8,716	68.3%
White non-Hispanic	28	10.7%	65	25.8%	1,942	15.9%	2,035	15.9%
Other	1	0.4%	8	3.2%	162	1.3%	171	1.3%
Total	261	100.0%	252	100.0%	12,251	100.0%	12,764	100.0%
Gender:								
Female	201	77.0%	147	58.3%	7,197	58.7%	7,545	59.1%
Male	60	23.0%	105	41.7%	5,054	41.3%	5,219	40.9%
Total	261	100.0%	252	100.0%	12,251	100.0%	12,764	100.0%
Residency:								
Florida	258	98.9%	249	98.8%	11,683	95.4%	12,190	95.5%
Out-of-State/Country	3	1.1%	3	1.2%	568	4.6%	574	4.5%
Total	261	100.0%	252	100.0%	12,251	100.0%	12,764	100.0%

Note: 1 supplemental enrollee was missing age data.

Source: SDB and IRS40.

Table 11
Supplemental Enrollment by Gender by Age
Fall Term 1993
Wolfson Campus

Gender	Age										Total	
	14-20	21-25	26-30	31-35	36-40	Over 40	Number	Percent	Number	Percent	Number	Percent
Female	4	18	31	36	41	70	200	81.8%	85.4%	69.3%	200	76.9%
Male	0	4	7	11	7	31	60	18.2%	14.6%	30.7%	60	23.1%
Total	4	22	38	47	48	101	260	100.0%	100.0%	100.0%	260	100.0%

Note: 1 supplemental enrollee was missing age data.
Source: SDB and IRS40.

Table 12
Supplemental Enrollment by Gender by Ethnicity
Fall Term 1993
Wolfson Campus

Gender	Ethnicity						Total	
	Black		White		Other		Number	Percent
	Non-Hispanic	Hispanic	Non-Hispanic	Hispanic	Number	Percent	Number	Percent
Female	1	181	19	67.9%	0	0.0%	201	77.0%
Male	4	46	9	20.3%	1	100.0%	60	23.0%
Total	5	227	28	100.0%	1	100.0%	261	100.0%

Source: SDB and IRS40.

Table 13
Medical Center Campus
Supplemental, PSAV, and Credit Enrollment
by Age, Ethnicity, Gender and Residency
Fall Term 1993

Demographics	Enrollment Category						Total	
	Supplemental		PSAV		Credit			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Age:								
14 - 20	19	2.3%	8	5.4%	525	14.5%	552	12.0%
21 - 25	99	11.9%	56	37.8%	910	25.2%	1,065	23.2%
26 - 30	143	17.2%	23	15.5%	672	18.6%	838	18.2%
31 - 35	136	16.3%	22	14.9%	571	15.8%	729	15.9%
36 - 40	126	15.1%	18	12.2%	450	12.4%	594	12.9%
Over 40	310	37.2%	21	14.2%	489	13.5%	820	17.8%
Total	833	100.0%	148	100.0%	3,617	100.0%	4,598	100.0%
Mean Age	37.5		30.3		30.0			
Ethnicity:								
Black non-Hispanic	128	15.1%	68	45.9%	1,409	39.0%	1,605	34.8%
Hispanic	357	42.1%	43	29.1%	1,289	35.6%	1,689	36.6%
White non-Hispanic	284	33.5%	34	23.0%	841	23.3%	1,159	25.1%
Other	79	9.3%	3	2.0%	78	2.2%	160	3.5%
Total	848	100.0%	148	100.0%	3,617	100.0%	4,613	100.0%
Gender:								
Female	525	61.9%	118	79.7%	2,476	68.5%	3,119	67.6%
Male	323	38.1%	30	20.3%	1,141	31.5%	1,494	32.4%
Total	848	100.0%	148	100.0%	3,617	100.0%	4,613	100.0%
Residency:								
Florida	841	99.2%	147	99.3%	3,521	97.3%	4,509	97.7%
Out-of-State/Country	7	0.8%	1	0.7%	96	2.7%	104	2.3%
Total	848	100.0%	148	100.0%	3,617	100.0%	4,613	100.0%

Note: 15 supplemental enrollees were missing age data.

Source: SDB and IRS40.

Table 14
Supplemental Enrollment by Gender by Age
Fall Term 1993

Gender	Medical Center Campus													
	Age													
	14-20		21-25		26-30		31-35		36-40		Over 40		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	17	89.5%	65	65.7%	106	74.1%	86	63.2%	75	59.5%	164	52.9%	513	61.6%
Male	2	10.5%	34	34.3%	37	25.9%	50	36.8%	51	40.5%	146	47.1%	320	38.4%
Total	19	100.0%	99	100.0%	143	100.0%	136	100.0%	126	100.0%	310	100.0%	833	100.0%

Note: 15 supplemental enrollees were missing age data.
 Source: SDB and IRS40.

Table 15
Supplemental Enrollment by Gender by Ethnicity
Fall Term 1993

Gender	Medical Center Campus									
	Ethnicity									
	Black		Hispanic		Non-Hispanic		Other		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	93	72.7%	198	55.5%	185	65.1%	49	62.0%	525	61.9%
Male	35	27.3%	159	44.5%	99	34.9%	30	38.0%	323	38.1%
Total	128	100.0%	357	100.0%	284	100.0%	79	100.0%	848	100.0%

Source: SDB and IRS40.