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ABSTRACT

This report summarizes enrollment trends at Nova Southeastern University (NSU) in Fort Lauderdale, Florida, from calendar years 1990 through 1994. Due to the January 1, 1994, merger between Nova University and Southeastern University of the Health Sciences and the incompatibility of their respective information management systems, students in the Health Professions Divisions were excluded from this study. Unduplicated, cumulative headcount increased 12.8 percent over the period, from 17,155 students in 1990 to 19,351 students in 1994. The university awarded 283,217 credits in 1994, an increase of 17.3 percent over the 241,389 credits awarded in 1990. Though the student sex ratio remained steady at 61 percent female and 39 percent male over the period, the number of White students declined from 71 percent in 1990 to 65 percent in 1994, due to sizeable increases in the percentage of African-American and Hispanic students. Although NSU is known for its distance education programs, nearly 50 percent of instruction took place on one of the university's South Florida campuses, and nearly 80 percent of all instruction took place in Florida. Enrollment data for specific NSU schools and programs are included. (MDM)



ENROLLMENT TRENDS AND CHARACTERISTICS OF NOVA SOUTHEASTERN UNIVERSITY'S STUDENTS: CALENDAR YEARS 1990 TO 1994

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EXECUTIVE SUMMARY

This report is a summary of analyses relating to the students of Nova Southeastern University during Calendar Years 1990 to 1994. Due to the January 1, 1994, merger between Nova University and Southeastern University of the Health Sciences and the incompatibility of their respective information management systems, students in the Health Professions Division were excluded from this study. They will, however, be included in future iterations of this study as the University's Student Information System expands to include these students.

The University has recently experienced steady growth. Unduplicated, cumulative headcount increased from 17,155 students in Calendar Year 1990 to 19,351 students in Calendar Year 1994, resulting in an increase of 12.8 percent from 1990 to 1994. Concomitantly, cumulative yearly credits have also increased. The University awarded 241,389 credits in Calendar Year 1990 and 283,217 credits in Calendar Year 1994, resulting in an increase of 17.3 percent from 1990 to 1994.

Along with enrollment trends, other criteria were also examined in this report. The University has maintained a steady student ratio of 61 percent female to 39 percent male over the last few years. However, there was wide variance among centers on the female to male ratio.

The ethnicity of the University's students is changing, with representation of White students declining from 71 percent of total enrollment in Calendar Year 1990 to 65 percent of total enrollment in Calendar Year 1994. Although differences in ethnicity are quite marked among centers, nearly all academic centers exhibited sizeable increases in percentage representation by African-American and Hispanic students.

This report also examined place of class attendance, an activity that had not been previously examined. Although the University is widely known for its distance education delivery models, it was interesting to note that nearly 50 percent of all instruction at the University is offered on one of the University's South Florida campuses. Future studies will examine this activity in greater detail, specifically focusing on the incidence of instruction in clusters within 30 miles of the main campus. These future analyses will also examine the increase of on-campus instruction at the University, since the 1994 inclusion of nearly 1,500 students in the Health Professions Division who attend classes in a traditional on-campus format.

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HIGHLIGHTS

Enrollment

- The University's enrollment increased by 12.8 percent from Calendar Year 1990 to 1994, excluding the Health Professions Division and the sudden increase in enrollment due to the January 1994 merger.
- Enrollment in Florida's State University System increased by 11.9 percent during a comparable time period, 1989 to 1993.

Gender

- Females represent 61 percent of all students at the University.
- In Florida's State University System, females represent 54 percent of all students.

Ethnicity

- Representation of White students at the University declined from 71 percent in Calendar Year 1990 to 65 percent in 1994.
- In 1993, White students represented 69 percent of students in Florida's State University System.

Place of Class Attendance

- Including students in the Health Professions Division, over 50 percent of all instruction offered by the University takes place on one of the University's South Florida campuses.
- In Calendar Year 1994, over 80 percent of all instruction offered by the University occurred in Florida, with less than 20 percent of all instruction occurring in other states or nations.
- It is estimated that over 60 percent of all University students attend class either on one of the University's South Florida campuses, or at a cluster in the local area, where campus services are readily available. This statistic will be examined in greater detail in a future report.

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INTRODUCTION

Background

Nova Southeastern University's (NSU) charter class of 1967 consisted of 17 doctoral students (Nova Southeastern University Fact Book, 1995). In less than 30 years, through the development of new programs and unique delivery models, the University has grown to a Fall Term, 1994 enrollment of 15,293 students (Research and Planning Weekly Enrollment Report, May 15, 1995). It is anticipated that statistics from the United States Department of Education's Fall 1995 Integrated Postsecondary Education Data System (IPEDS) survey will confirm that the University is now the largest independent university in Florida, the nation's fourth largest state.

Purpose of this Report

The purpose of this report is to continue with the first phase of the monitoring process, established by Research and Planning, of carefully reviewing internal and external trends that may affect enrollment management at the University. Like other reports prepared by Research and Planning, this report focused on Calendar Years 1990 to 1994. These dates provide added reference to the population of graduates associated with the University's current Self-Study (Management of Self-Study Surveys Administered by Research and Planning, 1995).

METHODOLOGY

The data for this report were obtained in March 1995 by a series of special queries to the University's Student Information System (SIS). These queries were collapsed into one complete extract file which served as the database for this study. The composite database included information on the following criteria:

Enrol Yr "Enrollment Year"

College "Center"

Major "SIS Data Element Major Code"

Car Lvl "Career Level"

Name "Last Name and First Name"

Sex "Gender"

Ethnic G "Ethnic Group"



Clst_Cty "Cluster City Code"
Clst_St "Cluster State Code"
State "Permanent State"
ZIP "Permanent ZIP Code"
Cred Yr "Credits Earned for Enrollment Year"

Analyses were generated by the use of SPSS-X Release 4.0 for ULTRIX 4.2A on the University's host computer.

Unlike prior reports issued by Research and Planning, this report uses Calendar Year (January 1 to December 31) as the base unit for comparisons over time. This unit presents a more complete picture of center activities and demands on services than term reports, such as analyses that are typically based on end-of-term data.

LIMITATIONS

A noticeable limitation of this study is that it was not possible to report on students enrolled in the Health Professions Division (HPD). On January 1, 1994, Nova University merged with Southeastern University of the Health Sciences to form a new institution, Nova Southeastern University. HPD student data were not integrated into the University's Student Information System (SIS) until July 1, 1994, and there has been no known entry of historical data. Accordingly, trends among students from the University's Health Professions Division will not be included in this report until it is replicated in 1997.

RESULTS

Enrollment (Unduplicated, Cumulative Headcount)

The University experienced a 12.8 percent increase in enrollment (unduplicated, cumulative headcount) from Calendar Years 1990 to 1994 (Table 1). There was wide variance, however, among academic centers in percentage increase in enrollment:

Academic Center	% Change Enrollment
School of Social and Systemic Studies	. 107.3
Panama	. 44.3
Center for Psychological Studies	. 37.1



Oceanographic Center	31.7
School of Business and Entrepreneurship	29.5
Shepard Broad Law Center	18.0
School of Computer and Information Sciences	12.0
James M. Farquhar Center for Undergraduate Studies	8.8
Center for the Study of International Tourism	8.0
Abraham S. Fischler Center for the Advancement of Education	1.3

Percentage growth, however, should be coupled with actual growth (headcount) to present a composite view of University growth from Calendar Years 1990 to 1994. In that regard, growth by academic centers during these years indicated the following:

Academic Center					nent
School of Business and Entrepreneurship			. 1	N =	722
Center for Psychological Studies			. 1	N =	422
James M. Farquhar Center for Undergraduate Studies		, ,	.]	N =	406
Shepard Broad Law Center			. 1	N =	179
Panama			. 1	N =	141
School of Social and Systemic Studies			. 1	N =	117
School of Computer and Information Sciences .	•		. 1	N =	84
Abraham S. Fischler Center for the Advancement of Education			. 1	N =	83
Oceanographic Center	•			N =	26
Center for the Study of International Tourism		•	•	N =	16

Overall enrollment trends are presented in Table 1 and Figure 1. Breakouts by academic center are presented in Figures 2 to 11.



S

Nova Southeastern University Student Enrollment (Unduplicated, Cumulative Headcount) by Academic Center: Calendar Years 1990 to 1994

Table 1

											Change	је
	1990		1991	H	1992	92	1993	33	1994	4	1990-94	- 94
Academic Center	N	%ه ا	N	0%	N	0%	N	0%	Z	ە/ە	z	%
Abraham S. Fischler Center for the Advancement of Education	6542 3	38	6984	39	6959	36	9099	36	6625	34	83	1.3
James M. Farquhar Center for Undergraduate Studies	4619 2	27	4740	26	4759	26	4603	25	5025	26	406	8.
School of Business and Entrepreneurship	2448 1	14	2603	14	2961	16	3028	16	3170	16	722	29.5
Center for Psychological Studies	1139	7	1228	7	1293	7	1382	ω	1561	ω	422	37.1
Shepard Broad Law Center	766	9	1007	9.	1043	9	1107	9	1176	9	179	18.0
School of Computer and Information Sciences	700	4	721	4	731	4	721	4	784	4	84	12.0
School of Social and Systemic Studies	109	⊣	129	Н	181	н	204	Н	226	\vdash	117	107.3

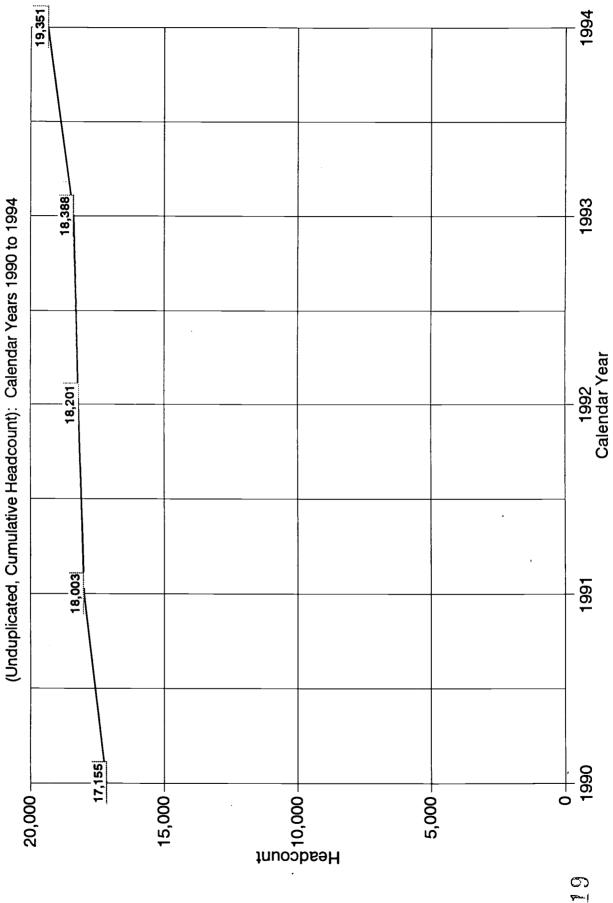
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Center for the Study of International Tourism	201	1 173 1	Н	190 1	214	Н	217	Н	16	8.0
Oceanographic Center	82 <1	1, 76 <1	<1	85 <1	87 <1	1	108 1	н	26	31.7
Panama	318	2 342 2	7	389 2	436 2	7	459	7	141	44.3
TOTAL	17155	18003		18201	18388		19351		2196	12.8

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Prepared by Research & Planning Source: SIS March 1995

Figure 1

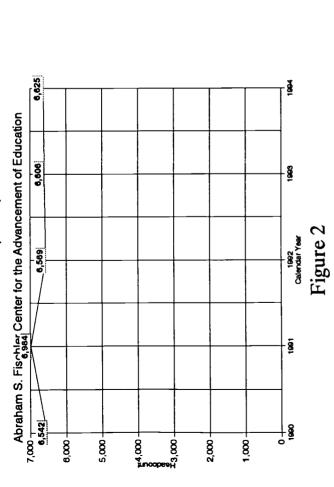
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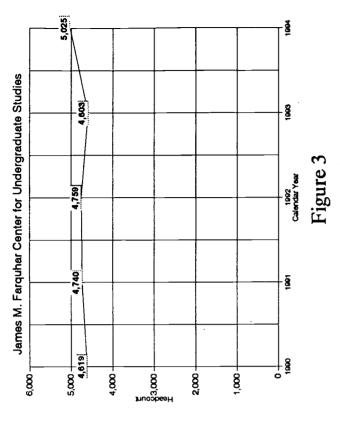
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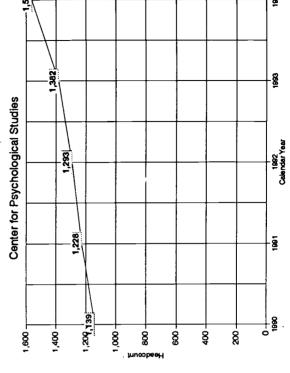
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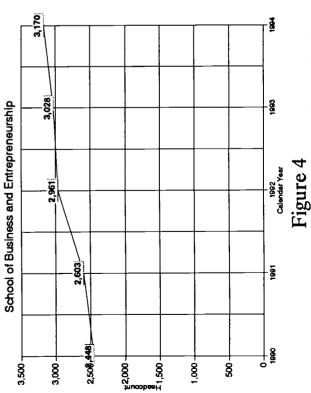
Nova Southeastern University Student Enrollment

(Unduplicated, Cumulative Headcount): Calendar Years 1990 to 1994









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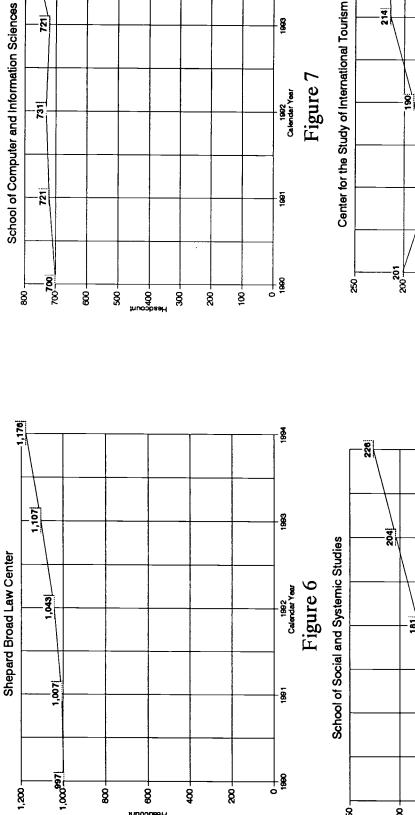
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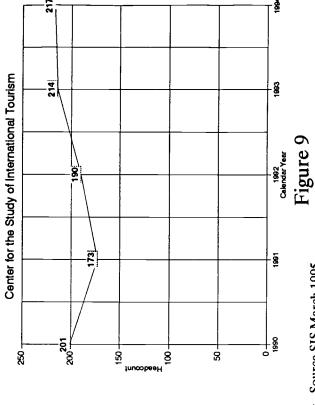
(Unduplicated, Cumulative Headcount): Calendar Years 1990 to 1994

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Headcount

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Calendar Year Figure 8

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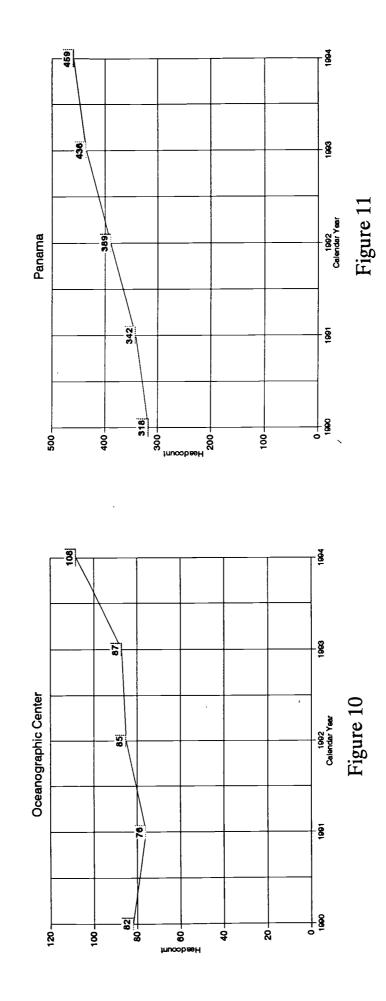
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Nova Southeastern University Student Enrollment

(Unduplicated, Cumulative Headcount): Calendar Years 1990 to 1994





Gender

The proportion of female students to male students from Calendar Years 1990 to 1994 remained a fairly constant ratio of 61 percent female to 39 percent male (Table 2 and Figure 12). This statistic is also nearly identical to the female to male ratio of University graduates first identified in Research and Planning Report 95-08 (Nova Southeastern University's Graduates: July 1, 1990 to June 30, 1994, 1995).

Table 2

Gender of Nova Southeastern University Students:
Calendar Years 1990 to 1994

	199	90	199	91	199	92	199	93	19:	94
Gender	N	%	N	૾ૺ	N	%	N	ૄ	N	٥١٥
Female	10416	61	10951	61	10967	60	11163	61	11774	61
Male	6739	39	7052	39	7234	40	7225	39	7577	39
TOTAL	17155		18003		18201		18388		19351	

The representation of female to male students varies widely, however, by academic center. Statistics on gender by academic center for Calendar Years 1990 to 1994 are presented in Figures 13-22. Gender-related statistics for Calendar Year 1994, the most current calendar year examined in this report, follow in rank order by percentage female representation:

Academic Center	<pre>% Female</pre>	% Male
Center for Psychological Studies	. 76	24
School of Social and Systemic Studies	. 73	27
Abraham S. Fischler Center for the Advancement of Education	. 70	30
James M. Farquhar Center for Undergraduate Studies	. 67	33





Center for the Study of International Tourism 54	46
Panama	53
Oceanographic Center 46	54
Shepard Broad Law Center 42	58
School of Business and Entrepreneurship 40	60
School of Computer and Information Sciences	69

Although four centers (the Center for Psychological Studies, the School of Social and Systemic Studies, the Abraham S. Fischler Center for the Advancement of Education, and the James M. Farquhar Center for Undergraduate Studies) are currently dominated by female representation, it is important to mention that this degree of representation by females seems to be a long-term trend for these centers. Equally, there seems to be a trend of increasing female representation in the Center for Psychological Studies.

Other trends in female and male representation, although evident in Table 3 and Figures 13 to 22, require some degree of attention. The University's long-term increase in female representation is slight, while individual centers show considerable variance from this overall trend:

Female representation in the School of Business and Entrepreneurship changed from 38 percent of total in Calendar Year 1990 to 40 percent of total in Calendar Year 1994.

Female representation in the Oceanographic Center changed from 33 percent of total in Calendar Year 1990 to 46 percent of total in Calendar Year 1994.

Female representation in the Shepard Broad Law Center declined from 45 percent of total in Calendar Year 1990 to 42 percent of total in Calendar Year 1994.

Female representation in Panama declined from 50 percent of total in Calendar Year 1990 to 47 percent of total in Calendar Year 1994.



Table 3

Nova Southeastern University Students by Academic Center and by Gender: Calendar Years 1990 to 1994

		1990	1991	1992	01	1993	1994	4	
Academic Center		N N	Z	N %	0/0	N N	N	0/0	
Abraham S. Fischler Center for the Advancement of Education	Female Male	4574 70 1968 30	4894 7 2090 3	0 4602 7 0 1967 3	0 4	693 71 913 29	4659 1966	70 30	•
James M. Farquhar Center for Undergraduate Studies	Female Male	3073 67 1546 33	3108 6 1632 3	6 3125 6 4 1634 3	6 3 4 1	051 66 552 34	3378 1647	67 33	
School of Business and Entrepreneurship	Female Male	939 38 1509 62	979 3 1624 6	8 1159 3 2 1802 6	9 1	200 40 828 60	1275 1895	40 60	
Center for Psychological Studies	Female Male	818 72 321 28	897 7 331 2	3 961 7 7 332 2	4 6	038 75 344 25	1180 381	76 24	
Shepard Broad Law Center	Female Male	449 45 548 55	448 4 559 5	5 437 4 5 606 5	0.00	457 41 650 59	494 682	42 58	
School of Computer and Information Sciences	Female Male	207 30 493 70	223 3 498 6	1 216 3 9 515 7	00	208 29 513 71	2 42 542	31 69	
School of Social and Systemic Studies	Female Male	81 74 28 26	100 7 29 2	8 133 7 2 48 2	4 9	146 72 58 28	164 62	73 27	
Center for the Study of International Tourism	Female Male	90 45 111 55	94 5 79 4	4 95 5 6 95 5	0 0	112 52 102 48	116	5.4 4.6	



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Oceanographic Center	Female	27 33	28 37	35 41	35 40	50 46
	Male	55 67	48 63	50 59	52 60	58 54
Panama	Female	158 50	180 53	204 52	223 51	216 47
	Male	160 50	162 47	185 48	213 49	243 53
TOTAL	Female	10416 61	10951 61	10967 60	11163 61	11774 61
	Male	6739 39	7052 39	7234 40	7225 39	7577 39

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Gender of Nova Southeastern University Students: Calendar Years 1990 to 1994

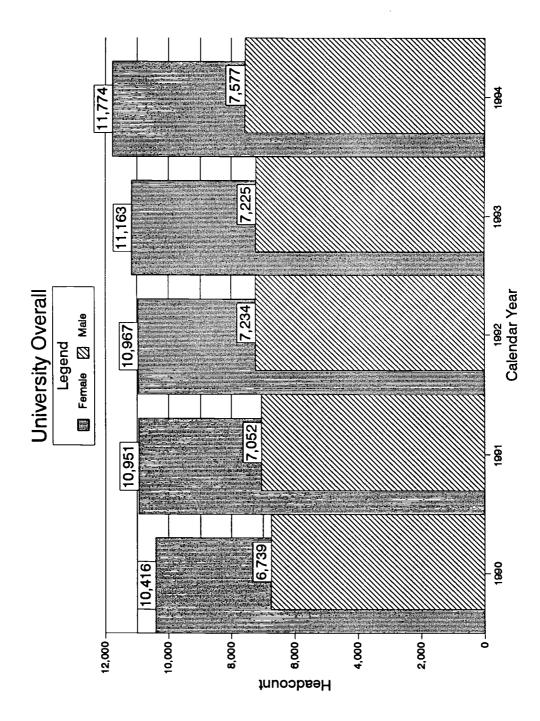


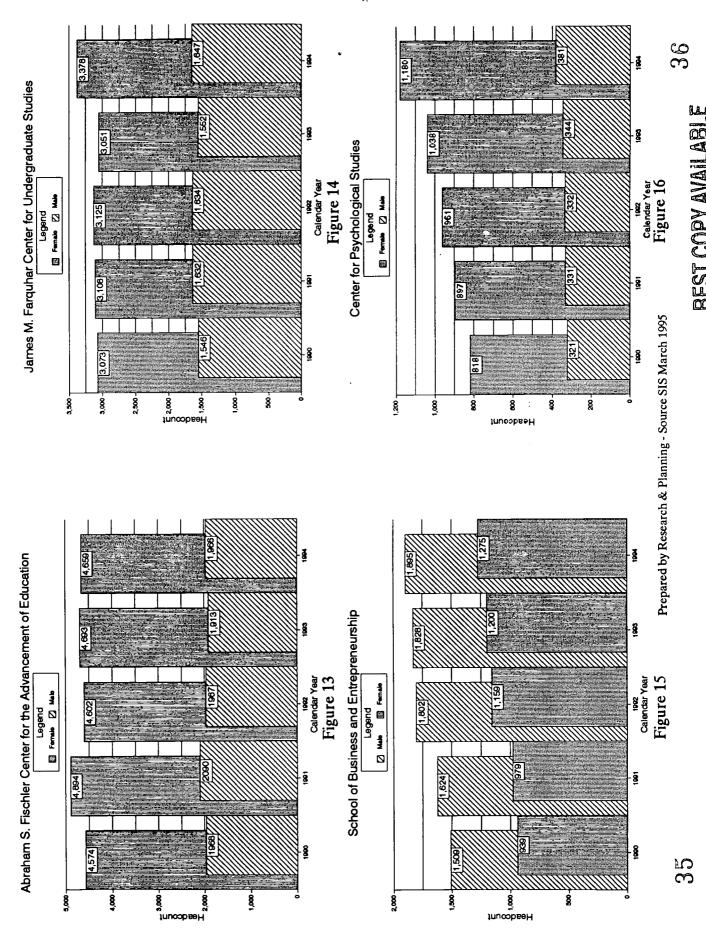
Figure 12



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Gender of Nova Southeastern University Students:

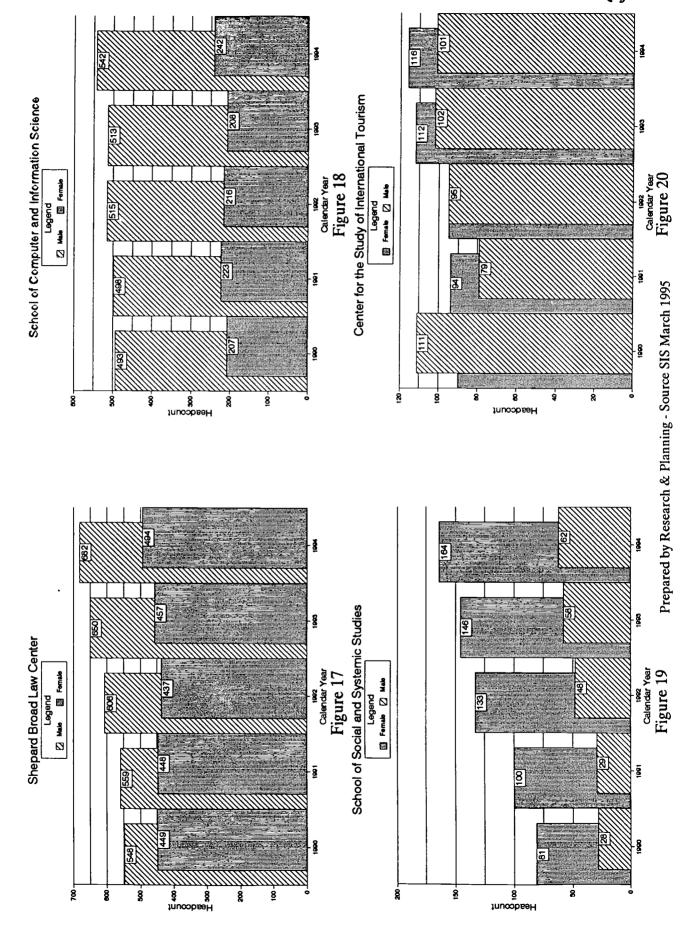
Calendar Years 1990 to 1994





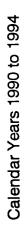
Gender of Nova Southeastern University Students:

Calendar Years 1990 to 1994



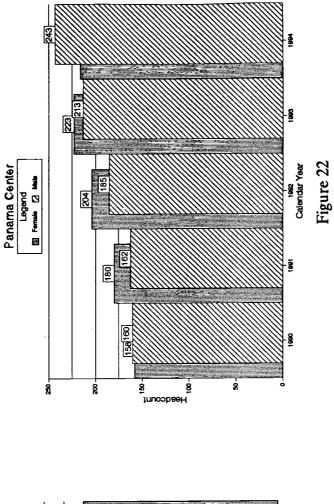


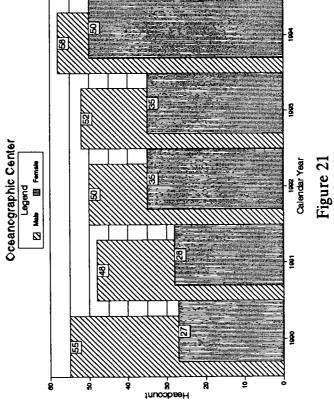
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Gender of Nova Southeastern University Students:

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Ethnicity

Reflecting the changing ethnic composition of the South Florida community, the percentage of minority students at the University is increasing while the percentage of White students is decreasing. This trend is evident at the University level in Table 4 and Figure 23. Breakouts on the ethnicity of University students are provided in Table 5 and Figures 24 to 33.

Table 4

Ethnicity of Nova Southeastern University Students:
Calendar Years 1990 to 1994

	199	90	19:	91	19:	92	19:	93	19	94
Ethnicity	N	ે	N		N	%	N		N	%
White	12256	71	12666	70	12364	68	12186	66	12542	65
African- American	2517	15	2663	15	2880	16	2967	16	3265	17
Hispanic	1805	11	2051	11	2149	12	2320	13	2531	13
Asian	309	2	371	2	502	3	558	3	593	3
Missing	96	1	79	<1	72	<1	69	<1	62	<1
Other	172	1	173	1	234	1	288	2	358	2
TOTAL	17155		18003		18201		18388		19351	

Among the many findings from this series of tables and figures, the following trends seem to be most noticeable in terms of their potential impact on the University:

While African-American representation in the Abraham S. Fischler Center for the Advancement of Education increased by only 2.5 percent from Calendar Years 1990 to 1994, the representation of Hispanic students in this center increased by 36.7 percent during the same time period.

The James M. Farquhar Center for Undergraduate Studies experienced a 7.0 percent decline in White students from Calendar Years 1990 to 1994. During this same time period, African-American student representation increased by 31.0



percent and Hispanic student representation increased by 42.5 percent. Asian students, however, had the greatest increase in representation, with this center experiencing a 101.9 percent increase in Asian Students.

The School of Business and Entrepreneurship, with almost 30 percent growth during Calendar Years 1990 to 1994, reflected growth among all ethnic groups. Asian students had 158.7 percent increased representation in this center during Calendar Years 1990 to 1994. African-American students experienced 100.7 percent increased representation during the same time period.

The Center for Psychological Studies equally experienced sizeable increases in Asian students (200.0 percent growth), African-American students (64.7 percent growth, and Hispanic students (52.1 percent growth) during Calendar Years 1990 to 1994. This center has also had continued overall growth, so that all identified ethnic groups experienced growth during this time period.

The Shepard Broad Law Center experienced exceptionally high growth in representation by African-American students (202.1 percent increase) during Calendar Years 1990 to 1994.

Asian students were the ethnic group with the greatest increase in representation (77.1 percent growth from Calendar Years 1990 to 1994) in the School of Computer and Information Sciences.

The School of Social and Systemic Studies also experienced high rates of increased representation by Hispanic students (122.2 percent growth) and African-American students (100.0 percent growth) during Calendar Years 1990 to 1994. This center had an unduplicated, cumulative headcount enrollment of 226 students in Calendar Year 1994, so White students (84 percent of Calendar Year 1994 total) remain the majority ethnic group.

Due to the small number of students in the Oceanographic Center, even small increases or declines in enrollment can impact percentage ethnic representation. White students in this center represented 80 percent of total enrollment in Calendar Year 1994 and this statistic has remained fairly stable for the last few years.



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Table 5

Nova Southeastern University Students by Academic Center and by Ethnic Group: Calendar Years 1990 to 1994

		i											
												Change	зе
		199	0	1991		199	7	199	Ж	199	94	1990	-94
Academic Center		N	0/0	N	0/0	Z	0/0	Z	0/0	z	0/0	Z	0/0
Abraham S. Fischler Center for the Advancement of Education	c Center fo of Educatio	វ											
	White Afk.Am. Hispanic Asian Other Missing	4631 1233 507 61 66 6542	71 19 11 1	4891 7 1326 1 588 64 64 51 6984	0 0 8 1 1 1	4513 1273 612 60 67 44 6569	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4478 1316 657 61 61 33	1008 1100 1110	4509 1264 693 60 88 111 6625	0 1 1 1 1 0 8 8 1 1 1 1 1 1 1 1 1 1 1 1	-122 186 186 -1 -333 83	-2.6 36.7 36.7 -1.6 75.0
James M. Farquhar Center for Undergraduate Studies	Jenter Studies												
	White Afk.Am. Hispanic Asian Other Missing TOTAL	3158 758 604 52 26 21 4619	68 11 11 11	3166 6 778 1 701 1 57 31 7 <	7.99 1.11 1.11	2979 886 742 86 58 58	63 119 110 110	2805 844 767 88 89 10	61 17 2 17 17	2937 993 861 105 119 10	58 20 17 2 1	-221 235 257 257 53 93 -11	-7.0 31.0 42.5 101.9 357.7 -52.4

Table 5 (Continued)

School of Business and Entrepreneurship

22 28 22 28 29 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	10 1 11 8 1 7 39 1228 19 82 825 47 5 53 11 11 107 10 1 9
	10 1 8 1 139 12 819 82 8 47 5 111 11 10 1 5 1 5 1



Table 5 (Continued)

School of Computer and Information Sciences

4.3 15.8 22.9 77.1 11.1 0.0	50.5 100.0 122.2
112 111 37 8 8	96 11 11
530 68 88 11 59 8 85 11 20 3 784	190 84 12 5 20 9 1 0 3 1 226
486 67 81 11 52 7 80 11 19 3 721	179 88 7 3 16 8 0 0 1 1 1 1
515 71 80 11 50 7 63 9 21 3 2 <1 731	161 89 3 2 12 7 0 0 4 2 1 1
529 73 73 10 49 7 56 8 12 2 2 <1 721	119 92 1 1 8 6 1 1 0 0
508 73 76 11 48 7 48 7 18 3 , 2 <1 700	94 6 9 9 0 0 0 0 0 0 0
White Afk.Am. Hispanic Asian Other Missing TOTAL	ool of Social and Systemic Tudies White Afk.Am. Hispanic Asian Other Missing TOTAL

Schoo Stu

Center for the Study of International Tourism

-16.0	83.3	78.3	25.0	266.7	-66.7	8.0
-24	15	18	Н			
58	15	19	7	Ŋ	⊣	
126	33	41	S	11	Н	217
62	15		٣	4	П	
132	33	33	7	∞	Н	214
61	13	17	Ŋ	4	٦	
116	24 1	32	0	∞	Н	190
65	12	16	m	7	7	
112	21	28	Ŋ	4	m	173
75	σ	11	7	7	7	
150	18	23	4	m	m	201
White	Afk.Am.	Hispanic	Asian	other	Missing	TOTAL



Table 5 (Continued)

Center	
ph	1

		286 2.3 748 29.7 726 40.2 284 91.9 186 108.1 -34 -35.4
		65 28 113 77 13 22 10 10 10 10 10 10 10 10 10 10 10 10 10 1
		12542 32642 2531 593 358
71 82 0 0 5 6 5 6 4 5	105 24 46 11 223 51 21 5 35 8 436 1	12186 66 2967 16 2320 13 558 3 288 2 69 <1
8 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	12364 68 2880 16 2149 12 502 3 234 1
8 0 7 8 8 0	25 10 56 7 7	12666 70 2663 15 2051 11 371 2 173 1
8 7 4 70 70 70 70	2 2 3 2 3 2 3	12256 71 1 2517 15 1805 11 309 2 172 1
White Afk.Am. Hispanic Asian Other Missing TOTAL	White Afk.Am. Hispanic Asian Other Missing	min. nic
	Panama	AL
	Pan	TOTAL

Ethnic status is self-declared by students on registration forms at the beginning of each academic term.

Note.



Ethnicity of Nova Southeastern University Students:

Calendar Year 1990 Compared to Calendar Year 1994

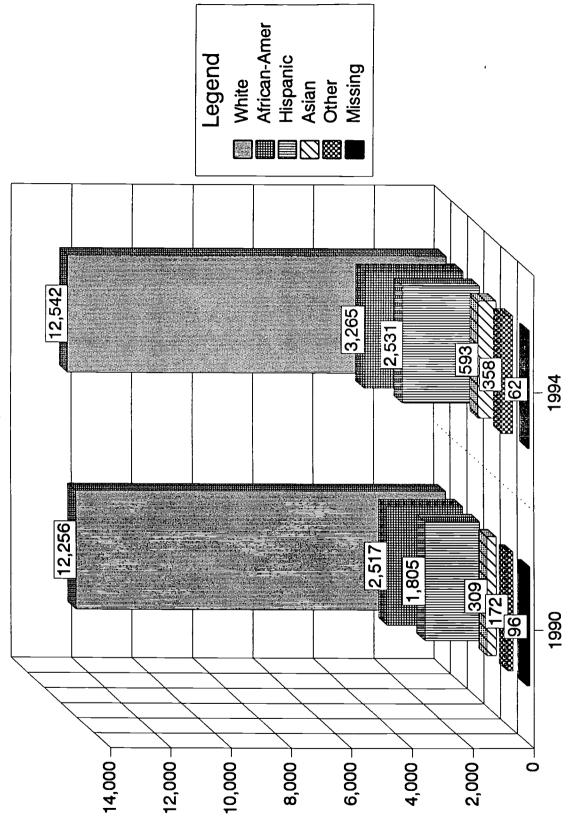
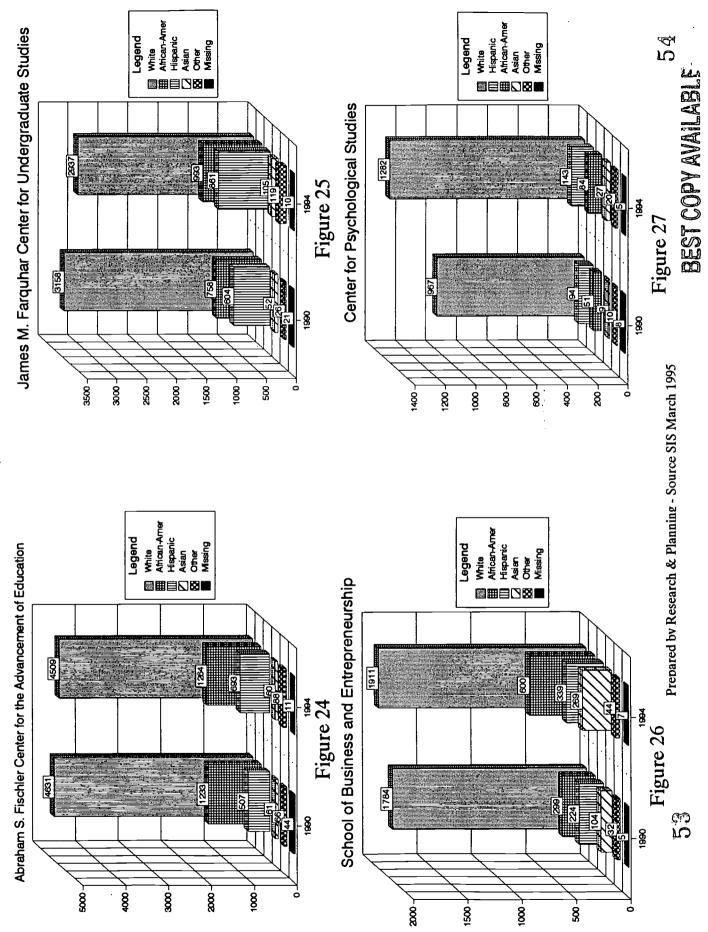


Figure 23
Prepared by Research & Planning - Source SIS March 1995



Ethnicity of Nova Southeastern University Students:

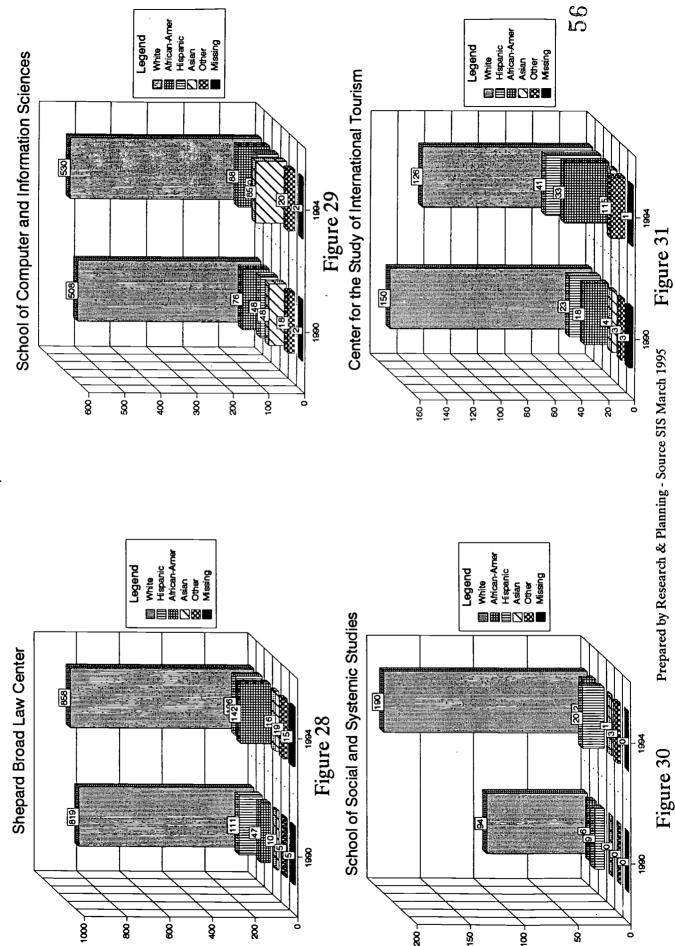
Calendar Year 1990 Compared to Calendar Year 1994





Ethnicity of Nova Southeastern University Students:

Calendar Year 1990 Compared to Calendar Year 1994

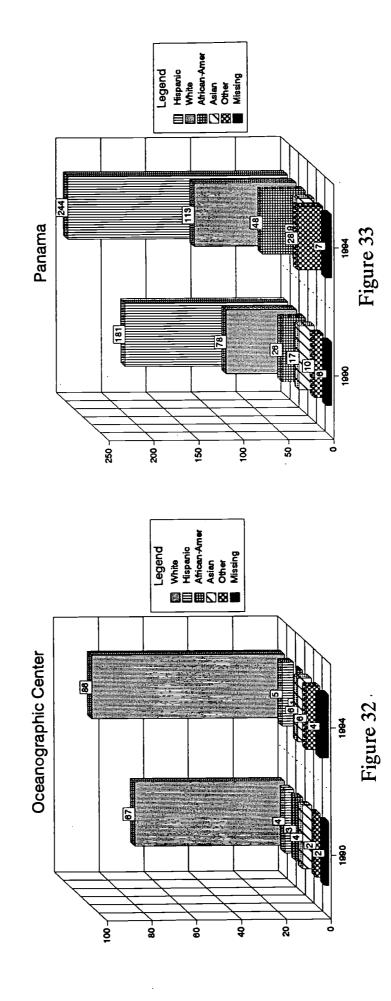


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Ethnicity of Nova Southeastern University Students:





Place of Class Attendance

The University is widely known for the use of innovative and often ground-breaking distance education models. In the mid-1970s, the University started the use of cluster programs throughout Florida, other states, and selected foreign nations. Although the Internet is a topic currently receiving wide media coverage, the University initiated the use of educational applications of real time and delayed time instruction through computer-based telecommunications in the mid-1980s. Now, in the mid-1990s, the University continues to expand the nature of distance education, offering lecture and group collaboration through telephone-based audiobridge technology and real time compressed video lectures from the University's South Florida campuses to students in distant locations.

Although these activities receive considerable attention, Table 6 and Figure 34 provide evidence that, based on total enrollment, the University is far from being solely a distance education institution:

- 1. In Calendar Year 1994, 46 percent of all instruction offered by the University (excluding students in the Health Professions Division) occurred at either the Davie Campus or the East Campus. This statistic does not include instruction at local cluster sites within the 30 mile radius of the University. Instead, it refers specifically to on-campus instruction.
- In Calendar Year 1994, over 80 percent of all instruction offered by the University took place in Florida.
- 3. Less than 20 percent of all instruction offered by the University in Calendar Year 1994 occurred in other states or nations.

There are obviously wide differences in place of class attendance among the University's academic centers (Figures 35-44). The Shepard Broad Law Center only offers instruction on the University's Davie campus. The School of Social and Systemic Studies conducts classes at the University's East Campus in Fort Lauderdale. Other centers, including the Abraham S. Fischler Center for the Advancement of Education, the James M. Farquhar Center for Undergraduate Studies, and the School of Business and Entrepreneurship, while known for their involvement in distance education, still have a large on-campus presence. As presented in the following figures, on-campus presence in these centers is growing:







Table 6

Nova Southeastern University Students by Academic Center and by Place of Class Attendance: Calendar Years 1990 to 1994

	C 6 6 L		1991	- -	1992	C)	1993	59	1994	94	Change 1990-94	e 6
Academic Center	Z	0/0	Z	0/0	z	0/0	z	0/0	z	%	Z	o%
Abraham S. Fischler Center for the Advancement of Education	or											
Florida	4858	74	5026	72	4611	70	4618	7.0	4605	70	-253	- 5.4
Fort Lauderdale Other Florida	1162 3696	18 56	1354 3672	19	1349 3262	21 50	1541 3077	23	1741 2864	26 43	579 -832	44.4-30.2
Non-Florida TOTAL	1684 6542	26	1958 6984	78	1958 6569	30	1988	30	2020 6625	31	336 83	15.4
James M. Farquhar Center for Undergraduate Studies												
Florida	4404	95	4566	96	4587	96	4479	97	4751	95	347	0.0
Fort Lauderdale Other Florida	2620 1784	57 39	2747 1819	58 38	2864 1723	60 36	2763 1716	60 37	2802 1949	56 39	182 165	- 1.8
Non-Florida TOTAL	215 4619	2	174 4740	4	172 4759	4	124 4603	т	274 5025	9	59 406	20.0

Table 6 (Continued)

School of Business and	Entrepreneurship

- 7.7	- 5.9	31.8 29.5		0.0	6.9 - 9.5	37.1		0.0	0.0	18.0
347	177	375 722		422	307	422		179	179	179
72	32	29		100	62 38	0		100	100	
2267	1017 1250	903 3170		1561	964 597	0 1561		1176	1176	0
77	35 42	23		100	64 36	0		100	100	0
2330	1058 1272	698 3028		1382	879 503	1382		1107	1107	0
79	35 44	21		100	63	0		100	100	0
2338	1037 1301	623 2961		1293	814 479	0 1293		1043	1043	0 1043
79	36 44	21		100	61 39	0		100	100	0
2066	927 1139	537 2603		1228	753 475	0 1228		1007	1007	0 1007
78	34 44	22		100	58 42	0		100	100	0
1920	840 1080	528 2448	dies	1139	657 482	0		997	997	0
Florida	Fort Lauderdale Other Florida	Non-Florida TOTAL	Center for Psychological Stud	Florida	Fort Lauderdale Other Florida	Non-Florida TOTAL	Shepard Broad Law Center	Florida	Fort Lauderdale Other Florida	Non-Florida TOTAL

Table 6 (Continued)

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Table 6 (Continued)

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	0	0	0	0	0	0	0	0	0	0	1	ı
Fort Lauderdale Other Florida	00	0 0	00	00	00	00	00	0 0	00	00	1 1 1 1	1 1
	318 10 318	0 0	342	100	389 389	100	436 1 436	0 0	459 459	100	141 141	0.0
	14335 84	4	4881	83	15047	. 83	15126 8	2 1	.5667	81	1332	- 3.6
Fort Lauderdale Other Florida	7267 42 7068 41	7.5	7825 , 7132 ,	4.4 4.0	8262 6785	45 37	8537 4 6589 3	99	8982 6685	46 35	1715 -383	9.5 -14.6
	2820 16 17155	6 1	3046 7927	17	3154 18201	17	3262 1 18388	8	3684 9351	19	864 2196	18.8 12.8

are not Students in the School of Computer and Information Sciences (SCIS) they are included in TOTAL. but presented by center in this table, Note.

Many students in the SCIS attend classes on the Davie Campus and the East Campus Another group of SCIS students sit are completed. Other students, depending on term and degree program, receive instruction through telecommunications. They are, however, also registered as They are registered as FTLAU when registration forms institutes, with all other instruction based on telecommunications and other These students are additionally registered as for class in either quarterly three-day meetings or twice-yearly one-week FTLAU when registration forms are completed. forms of distance education. in a traditional manner.

Thus, place of class attendance can be problematic in this center. In defense of the decision to include SCIS students in TOTAL results, it should be mentioned that their numbers are fairly small compared to the composite number of students, they do not overly influence broad interpretation of place of class attendance at the University, and over 25 percent of all SCIS students are permanent residents of Broward County.



By Place of Class Attendance: Calendar Year 1990 Compared to Calendar Year 1994

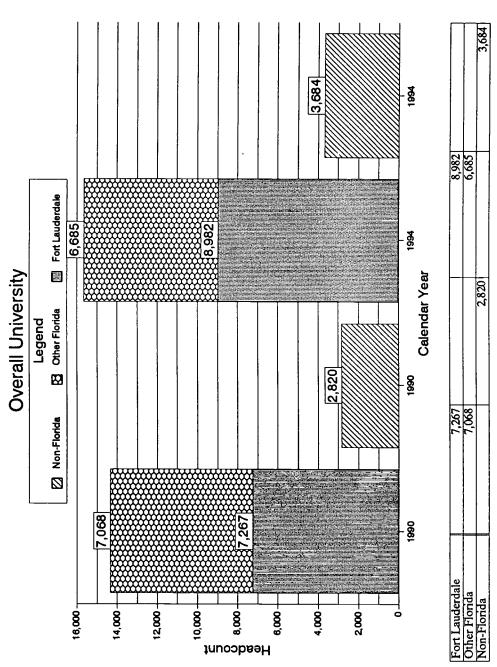
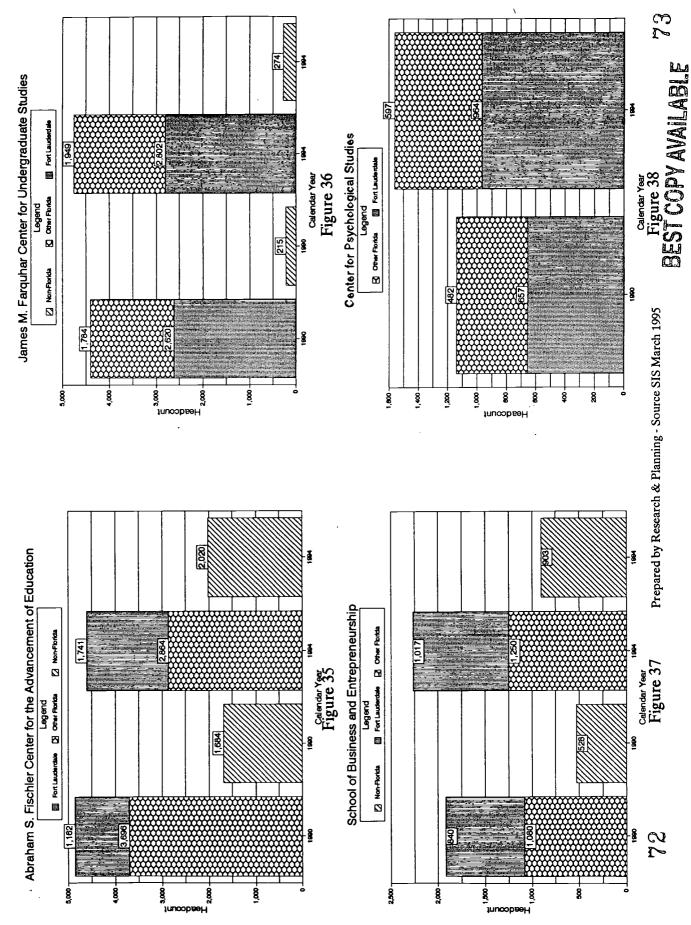


Figure 34

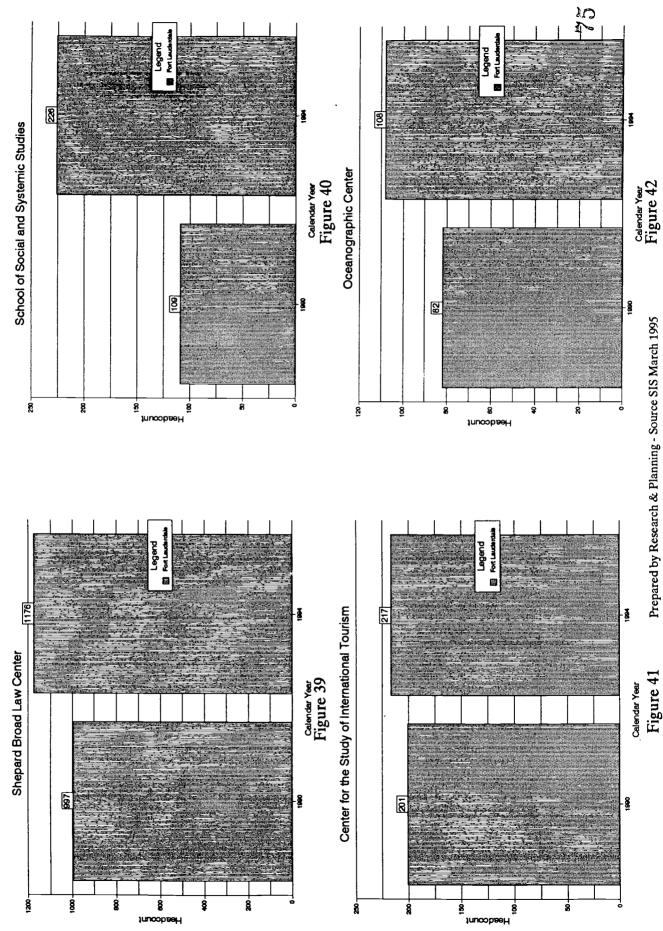


By Place of Class Attendance: Calendar Year 1990 Compared to Calendar Year 1994





By Place of Class Attendance: Calendar Year 1990 Compared to Calendar Year 1994





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By Place of Class Attendance: Calendar Year 1990 Compared to Calendar Year 1994

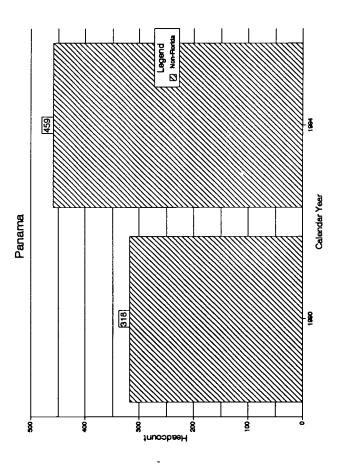


Figure 43



In Calendar Year 1994, 70 percent of all instruction in the Abraham S. Fischler Center for the Advancement of Education occurred in Florida. The on-campus presence of this center has increased from 18 percent of student enrollment in Calendar Year 1990 to 26 percent in Calendar Year 1994.

The James M. Farquhar Center for Undergraduate Studies, in contrast, has remained exceptionally stable in trends relating to place of class attendance. Nearly 60 percent of all Farquhar students attend class on the University's Davie campus and 95 percent of all students attend class in Florida.

Over 70 percent of all Calendar Year 1994 instruction in the School of Business and Entrepreneurship occurred in Florida, with approximately one-third of all instruction in this center offered on the University's East Campus.

All instruction offered by the Center for Psychological Studies takes place in Florida. On-campus instruction in this center increased from 58 percent of total in Calendar Year 1990 to 62 percent in Calendar Year 1994.

<u>Cumulative Yearly Credits</u>

Unduplicated, cumulative headcount was previously used to indicate trends in student enrollment at the University. Another way to view enrollment trends is to examine cumulative yearly credits. This enrollment indicator is especially important since it is directly linked to tuition income. As presented in Table 7 and Figure 45, from Calendar Years 1990 to 1994, the University has experienced nearly 20 percent growth in cumulative yearly credits. This growth indicator is presented for each academic center in Figures 46 to 54:

The two largest academic centers, the Abraham S. Fischler Center for the Advancement of Education (8.2 percent increase in cumulative yearly credits) and the James M. Farquhar Center for Undergraduate Studies (4.6 percent increase in cumulative yearly credits) have both experienced moderate growth during Calendar Years 1990 to 1994.

In contrast, two other large centers, the School of Business and Entrepreneurship (51.4 percent increase in cumulative yearly credits) and the Center for Psychological Studies (48.5 percent increase in cumulative yearly credits) have both experienced profound growth during Calendar Years 1990 to 1994.

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Table 7

Nova Southeastern University Cumulative Yearly Credits by Academic Center: Calendar Years 1990 to 1994

	1990	0	1991	Н	1992	7	1993	ñ	1994	4	Change 1990-94	e 94
Academic Center	z	0/0	Z	0/0	z	%	Z	0/0	z	0/0	Z	0/0
Abraham S. Fischler Center for the Advancement of Education	74352	31	88108	34	81115	31	78303	30	80435	28	6083	8.2
James M. Farquhar Center for Undergraduate Studies	84765	35	86783	33	85308	32	80107	30	88694	31	3929	4.6
School of Business and Entrepreneurship	28130	12	31381	12	35921	14	39576	15	42593	15	14463	51.4
Center for Psychological Studies	14636	9	14588	9	16273	9	18672	7	21733	ω	7097	48.5
Shepard Broad Law Center	20756	9	21228	ω	22041	ω	23017	Q	24152	Q	3396	16.4
School of Computer and Information Sciences	9346	4	9131	κ	8821	Э	9175	m	10119	4	773	8.3
School of Social and Systemic Studies	1953	Н	2024	Н	2336	Н	2630	\vdash	3353	Н	1400	71.7
Center for the Study of International Tourism	2180	Н	3033	Н	3560	Н	4106	7	4038	Н	1858	85.2

⊗

Table 7 (Continued)

Oceanographic Center	691 <1		674 <1	귻	766	۲ ۲	941	\ \	1128	۲ ۲	437	63.2
Panama	4580	7	4975	7	6544	7	6667	n	6972	7	2392	52.2
TOTAL	241389	261	1925	2	262685	` `	263194		283217		41828	17.3

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Nova Southeastern University Cumulative Yearly Credits:

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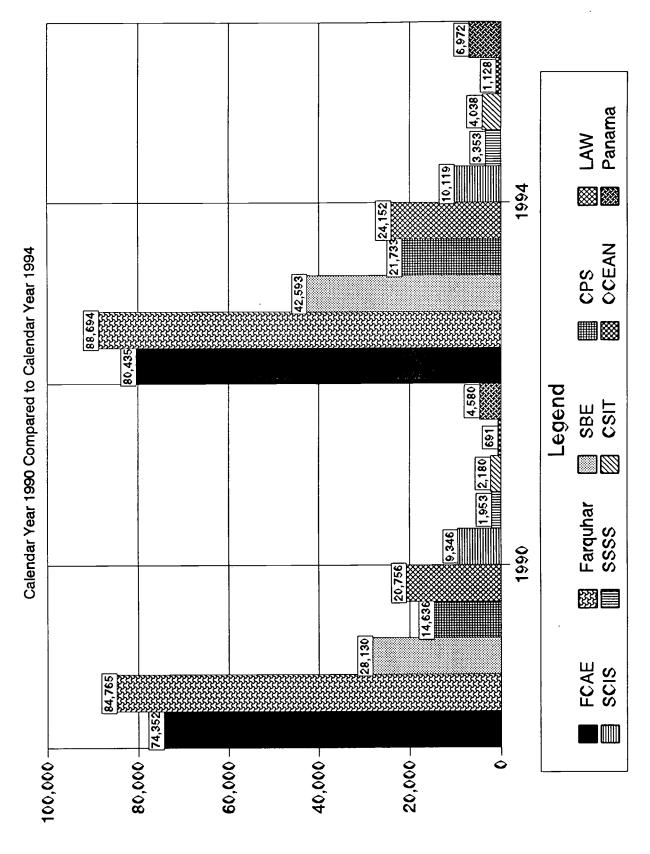
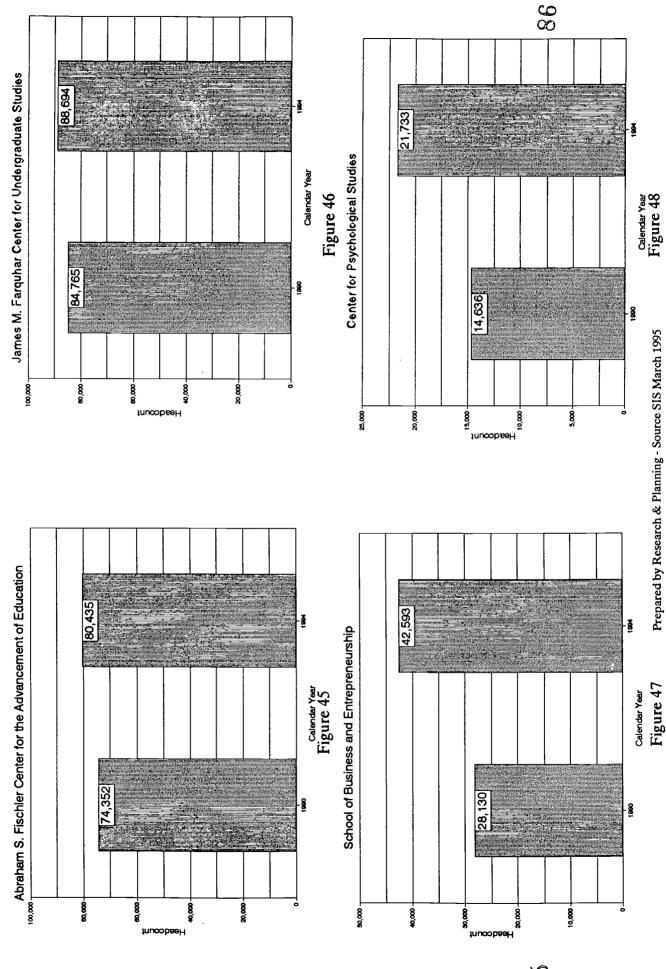


Figure 44

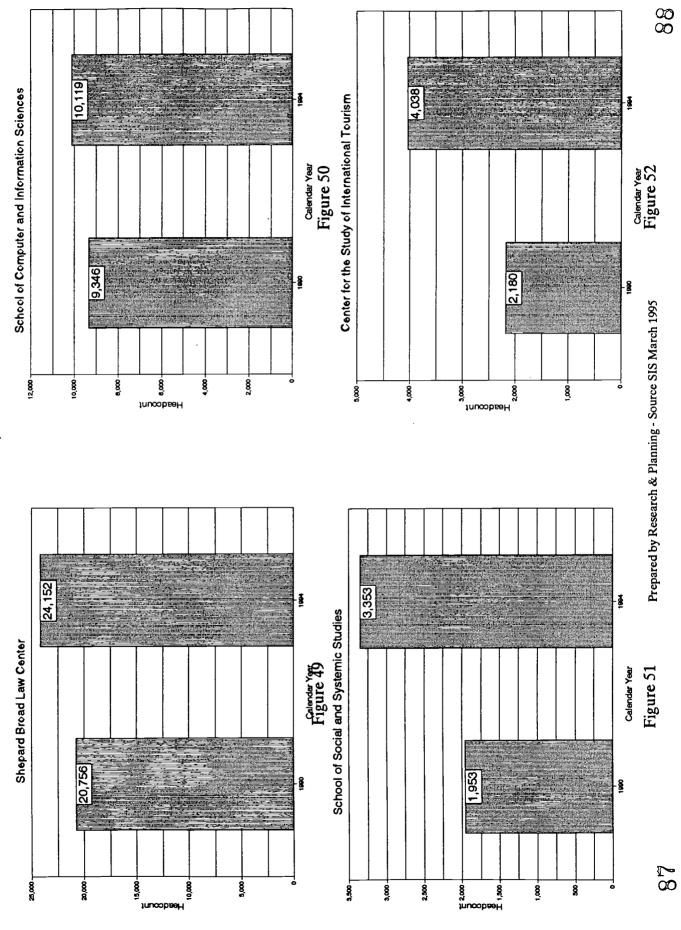


Nova Southeastern University Cumulative Yearly Credits:





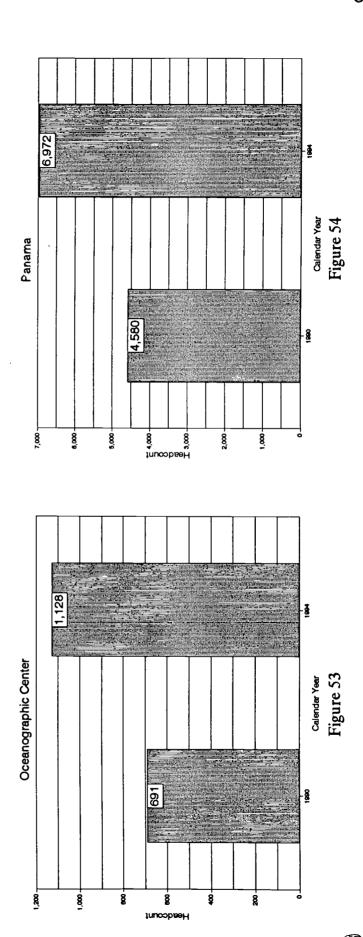
Nova Southeastern University Cumulative Yearly Credits:





Prepared by Research & Planning - Source SIS March 1995

Nova Southeastern University Cumulative Yearly Credits:





Other academic centers had wide variance in increase of cumulative yearly credits during Calendar Years 1990 to 1994. The School of Social and Systemic Studies (71.7 percent increase), the Oceanographic Center (63.2 percent increase) and Panama (52.2 percent increase) all experienced exceptionally high growth during Calendar Years 1990 to 1994.

SUMMARY

The University has experienced a 36 percent increase in enrollment from 1990 to 1994 (Nova Southeastern University Fact Book, 1995). This statistic is based on data from the United States Department of Education's Fall 1994 Integrated Postsecondary Education Data System (IPEDS) survey, which in 1994 included the addition of nearly 1,500 students in the University's Health Professions Division.

Excluding students in the Health Professions Division, the University experienced a 12.8 percent increase in unduplicated, cumulative headcount during Calendar Years 1990 to 1994 and a 17.3 percent increase in cumulative yearly credits during the same time period. Whichever statistic is used to monitor enrollment trends, it is obvious that the University is experiencing sustained growth, which is in contrast to many other colleges and universities across the nation that have instead had to deal with threats to enrollment stability.

Growth and related demographic trends, however, are not uniform across all academic centers:

- 1. Growth (both unduplicated, cumulative headcount and cumulative yearly credits) seems to be the greatest in the School of Business and Entrepreneurship, the Center for Psychological Studies, and the School of Social and Systemic Studies. The Abraham S. Fischler Center for the Advancement of Education and the James M. Farquhar Center for Undergraduate Studies have both retained their large student base, but growth above the base has been slight to moderate.
- The University has been remarkably consistent in maintaining a student ratio of 61 percent female to 39 percent male. This trend could change, however, if female representation in the Center for Psychological Studies continues to increase while female representation in the Shepard Broad Law Center continues to decline.



- 3. During Calendar Years 1990 to 1994 there has been increased minority representation throughout the University and within each academic center. Changes, such as a 100.7 percent increase in enrollment by African-American students in the School of Business and Entrepreneurship, will certainly have a profound influence on the future of the University and consequently the impact of the University on the South Florida community.
- 4. Distance education and the appropriate use of technology for educational delivery are central to the University's Mission Statement. Yet, there is growing evidence that attendance in classes offered on or near the University's South Florida campuses may be the dominant means of instruction at the University.

(Due to the incompatibility of information systems at the time of the merger, Health Professions Division students have been excluded from this study. had been included, over 50 percent of all instruction would take place on one of the University's South Florida campuses. Additionally, cluster-based students in the local area are not coded in the Student Information System cluster code that equated to campusbased instruction. If these students had been equally included, it is currently estimated that over 60 percent of all University students attend class either on one of the University's South Florida campuses, or at a cluster in the local area, where campus services . are readily available. The issue of place of class attendance will be examined in greater detail in a future report.)

Although it is immediately favorable to read in this report that the University is experiencing high growth rates, this trend needs to be put into the context of managed growth. Optimal sizing was a major theme at the University's 1995 Board Retreat (Board of Trustees Retreat, May 19-20, 1995). This theme has also received attention in the University's Master Plan (Nova Southeastern University Master Plan, 1995).

During the University's first 30 years, deans were encouraged to continually strive for growth. Now, academic centers in the University may be approaching optimal size. This change may give the University the opportunity to structure programs and recruit students based on new goals and criteria. Along with concern for managed growth, the University equally needs to consider a response to long-term trends and changes in gender, ethnicity, urbanization of South Florida, and other demographic criteria that could influence enrollment management and composition of the student body.



The University currently enjoys a strengthening fiscal base and expanding enrollment. The University maintains well-respected programs in South Florida and throughout the entire state of Florida. Through the use of distance education, the University has also been able to impact professions throughout the United States. By carefully monitoring student enrollment and the changing characteristics of students, the University should be able to plan for expected change in an orderly, systematic, and fiscally prudent manner.



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