

DOCUMENT RESUME

ED 255 243

JC 850 082

AUTHOR Radcliffe, Susan K.  
 TITLE Analysis of Fall 1984 Credit Enrollment. Research Report Number 39.  
 INSTITUTION Howard Community Coll., Columbia, MD. Office of Research and Planning.  
 PUB DATE Dec 84  
 NOTE 6lp.  
 PUB TYPE Statistical Data (110) -- Reports - Research/Technical (143)

EDRS PRICE MF01/PC03 Plus Postage.  
 DESCRIPTORS Age; Community Colleges; Day Students; \*Enrollment Trends; Evening Students; Females; \*Full Time Equivalency; Full Time Students; Majors (Students); Males; Part Time Students; \*Student Characteristics; Two Year Colleges; \*Two Year College Students

ABSTRACT

This analysis of fall 1984 credit enrollment represents an attempt to understand patterns of enrollment at Howard Community College (HCC) with respect to student demographics and registration status. Highlighted findings include the following: (1) credit enrollments were down for most categories with the most dramatic declines seen in part-time students, females, day students, recent Howard County high school graduates, and returning students; (2) enrollment declines appeared to be system-wide throughout Maryland community colleges; (3) factors related to enrollment declines were identified as lower unemployment, increased spending on consumer goods, new four-year institutions in Howard County and additional course offerings at these institutions, and new grading policies at HCC; (4) major shifts in enrollment patterns were the declines in the enrollments of females, recent county high school graduates, and first-time students; and (5) an increase in readmitted student enrollments was seen as a possible result of spring and summer recruitment activities. The bulk of the report consists of data tables and graphs. (LAL)

\*\*\*\*\*  
 \* Reproductions supplied by EDRS are the best that can be made \*  
 \* from the original document. \*  
 \*\*\*\*\*

ED255243

ANALYSIS OF FALL 1984 CREDIT ENROLLMENT

by

Susan K. Radcliffe

Coordinator of Institutional Research  
Howard Community College

Research Report Number 39

December 1984

Technical Assistance:

Cheryl Baxter  
Gaye Holcomb  
Ellen Jenkins  
Charlotte Monroe  
Nancy Rabideaux

"PERMISSION TO REPRODUCE THIS  
MATERIAL HAS BEEN GRANTED BY

S. K. Radcliffe

TO THE EDUCATIONAL RESOURCES  
INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION  
NATIONAL INSTITUTE OF EDUCATION  
EDUCATIONAL RESOURCES INFORMATION  
CENTER (ERIC)

This document has been reproduced as  
received from the person or organization  
originating it.

Minor changes have been made to improve  
reproduction quality.

Points of view or opinions stated in this docu-  
ment do not necessarily represent official NIE  
position or policy.

JC 850 082

TABLE OF CONTENTS

	<u>Page</u>
List of Tables.....	iii
List of Charts.....	iv
Introduction.....	v
Summary of Findings and Recommendations.....	1
Appendices	
Appendix A - Maryland Community Colleges.....	A-1
Appendix B - Retention Data on Non-Returning Students.....	B-1

LIST OF TABLES

<u>Table</u>		<u>Page</u>
I	Headcount and Full-Time Equivalent (FTE) Enrollments.....	4
II	Fall 1983 to Fall 1984 Comparisons by Sex.....	8
III	Fall 1983 to Fall 1984 by Day and Evening & Registration.....	14
IV	Fall 1983 to Fall 1984 Comparisons by Sex and Registration Status.....	17
V	Fall 1983 to Fall 1984 Comparisons by Attendance and Registration Status.....	20
VI	Fall 1983 to Fall 1984 Comparisons by Academic Programs.....	22
VII	Five-Year Overview of Howard Community College Program Enrollments.....	23
VIII	Fall 1983 to Fall 1984 Comparisons by Howard County High Schools.....	24
IX	Fall 1983 and 1984 Age Distribution by Sex.....	26
X	Enrollment Change Patterns by Percentage.....	A-3

## LIST OF CHARTS

<u>Chart</u>		<u>Page</u>
I	Howard Community College Enrollment Changes.....	3
II	Headcount and FTE Enrollment.....	5
III	Declines in Headcount and FTE.....	6
IV	Percentage Changes in Enrollment.....	7
V	Enrollment Changes by Sex.....	9
VI	Percent Changes by Sex.....	10
VII	Enrollment by Sex and Attendance Status.....	11
VIII	Changes in Enrollment by Sex.....	12
IX	Changes in Enrollment by Sex.....	13
X	Day and Evening Enrollment.....	15
XI	Changes in Day and Evening Enrollments.....	16
XII	Enrollment Decreases by Registration.....	18
XIII	Enrollment by Registration Status.....	19
XIV	Changes by Registration and Attendance.....	21
XV	County High School Graduates at Howard Community College.....	25
XVI	Changes in Male Agegroup Enrollments.....	28
XVII	Changes in Female Agegroup Enrollments.....	29
XVIII	Change in Total Agegroup Enrollment.....	30
XIX	Enrollment Patterns by Percentage.....	A-2

## INTRODUCTION

This analysis of Fall 1984 Credit Enrollment represents an attempt to understand patterns of enrollment at Howard Community College with respect to demographic categories of students as well as registration status. For example, the Research Office has tried to show how enrollment has changed in various student population groups.

The method of reporting enrollment has changed this fall. Non-traditional enrollment in post-secondary education has been increasing in recent years at HCC and other institutions. Traditional methods of reporting include only the "regular" semester - which means the official third-week statistics as required by the Maryland State Board for Community College. Howard Community College has instituted additional fall sessions each year. In Fall 1984, there are three additional fall sessions (year-sessions 8409, 8410 and 8411) which amount to almost 30 FTE enrollments and 105 unduplicated headcount enrollments.

These additional fall sessions have been added to the Fall 1984 reported credit enrollment. In order to compare Fall 1984 to Fall 1983, the additional sessions for Fall 1983 (year-sessions 8309, 8310 and 8311) have been backed in by hand for purposes of analysis.

A Summary of Findings and Recommendations follows immediately. Following the summary are tables and graphs detailing enrollment changes.

Questions and discussions concerning this report can be directed to the Office of Institutional Research.

## SUMMARY OF FINDINGS AND RECOMMENDATIONS

Credit enrollments are down for most categories. The most dramatic declines are in the following categories:

- Part-time students.
- Part-time and full-time females. This reverses the trend which appeared last spring and in the preliminary enrollment analysis.
- Part-time and full-time day students. This reverses the trend observed in the preliminary analysis (July 1984).
- Recent Howard County high school graduates.
- Returning students. (Readmitted student enrollments are up.)

Enrollment declines, as in Spring 1984, appear to be system-wide throughout Maryland community colleges (see Appendix A).

Major factors, as in Spring 1984, continue to be:

- Lower unemployment.
- Increased spending on consumer goods.

Other factors may be:

- New four-year institutions in Howard County and additional course offerings in those institutions.
- Indirect effects of new grading policy - adults (particularly females with other major responsibilities) may be less willing to pay for a course with punitive grading.

Two new major changes are:

- The decline in female enrollment which actually began last fall.
- The decline in recent Howard County high school graduates attending Howard Community College.
- The decline in first-time students.

Targeted recruitment activities are recommended for the following groups:

- Non-returning females.
- Howard County high school students.
- Part-time non-returning students.
- Continuing efforts to recruit non-returning males.

2

Stepped up recruitment for Howland County high school is supported by data.

There is some evidence that spring and summer recruitment activities have been successful since readmitted student enrollments are up from last fall.

Further investigation of the relationship with financial aid per FTE is recommended.

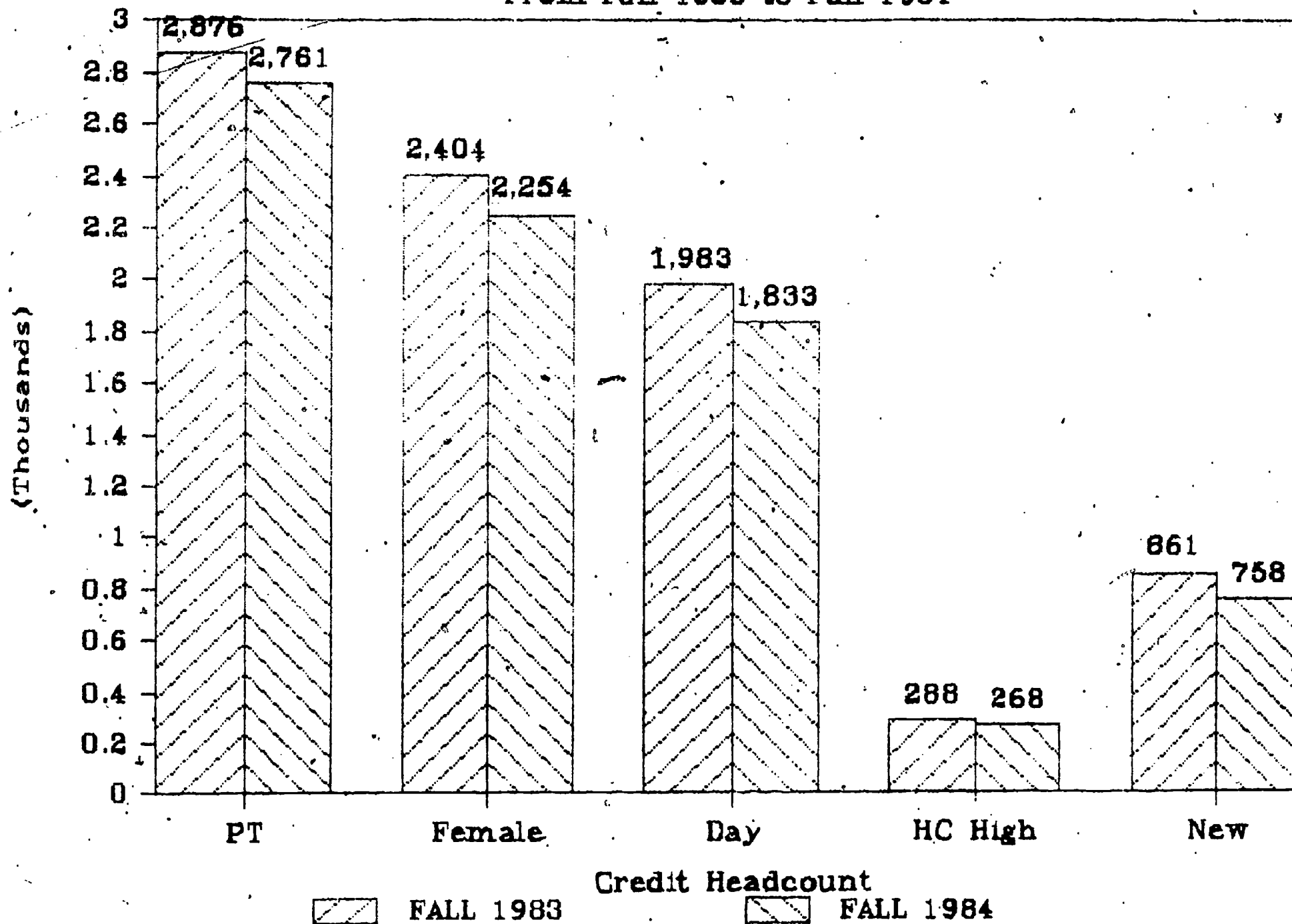
December 1984



# CHART I

## HCC ENROLLMENT CHANGES

From Fall 1983 to Fall 1984



FALL 1984 ENROLLMENT TABLES

TABLE I

HEADCOUNT AND FULL-TIME EQUIVALENT (FTE) ENROLLMENTS

\*\*\*\*\*

Enrollment declines can be seen in all four categories: full- and part-time headcount, and full- and part-time FTE enrollment.

The most dramatic declines are seen in the part-time enrollments - a decline of 115 students (4%) from Fall 1983. The FTE decline on part-time students was 3.17% (15 FTE).

\*\*\*\*\*  
TABLE I

	Fall 1983 *		Fall 1984 *		Difference	
	N **	%	N	%	N	%
FT Head	792	21.80%	773	21.87%	(19)	-2.40%
PT Head	2876	78.20%	2761	78.13%	(115)	-4.00%
FT FTE	365.6	43.68%	356.5	43.86%	(9)	-2.50%
PT FTE	471.3	56.32%	456.4	56.14%	(15)	-3.17%
HEADCOUNT	3668	100.00%	3534	100.00%	(134)	-3.65%
FTE	837.0	100.00%	812.9	100.00%	(24)	-2.88%

\* Figures include all Fall enrollments: regular third-week fall statistics; Mini-mester enrollments; and other fall sessions (8409,8410,8411). This represents a new method of enrollment reporting for Fall 1984; Fall 1983 1983 figures have been revised to include other sessions (8309,8310,8311) so that comparisons can be made.

\*\* N = Number of students

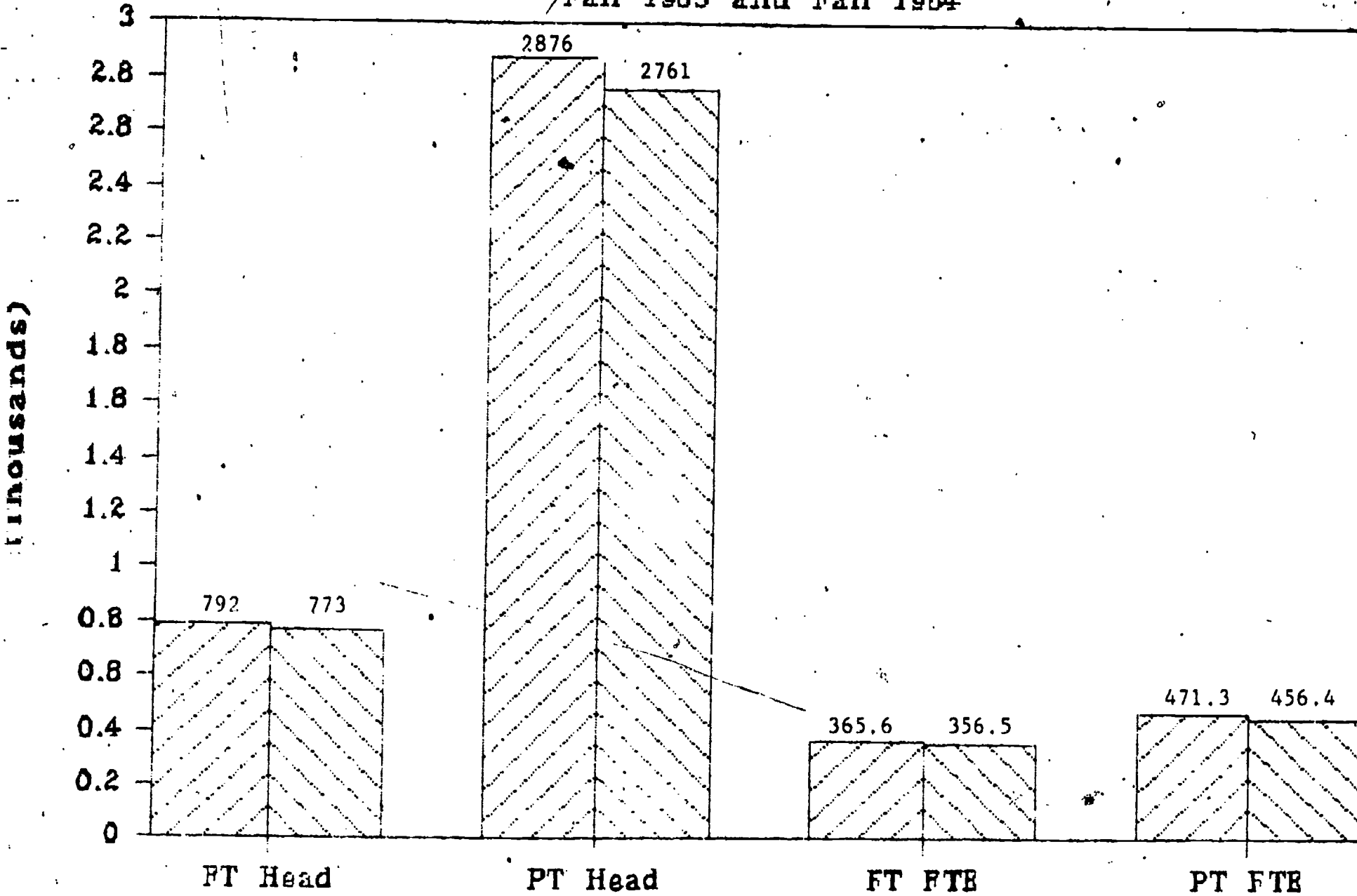
07-Jan-85



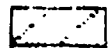
# CHART II

## HEADCOUNT AND FTE ENROLLMENT

Fall 1983 and Fall 1984



Headcount and FTE Enrollment



Fall 1983

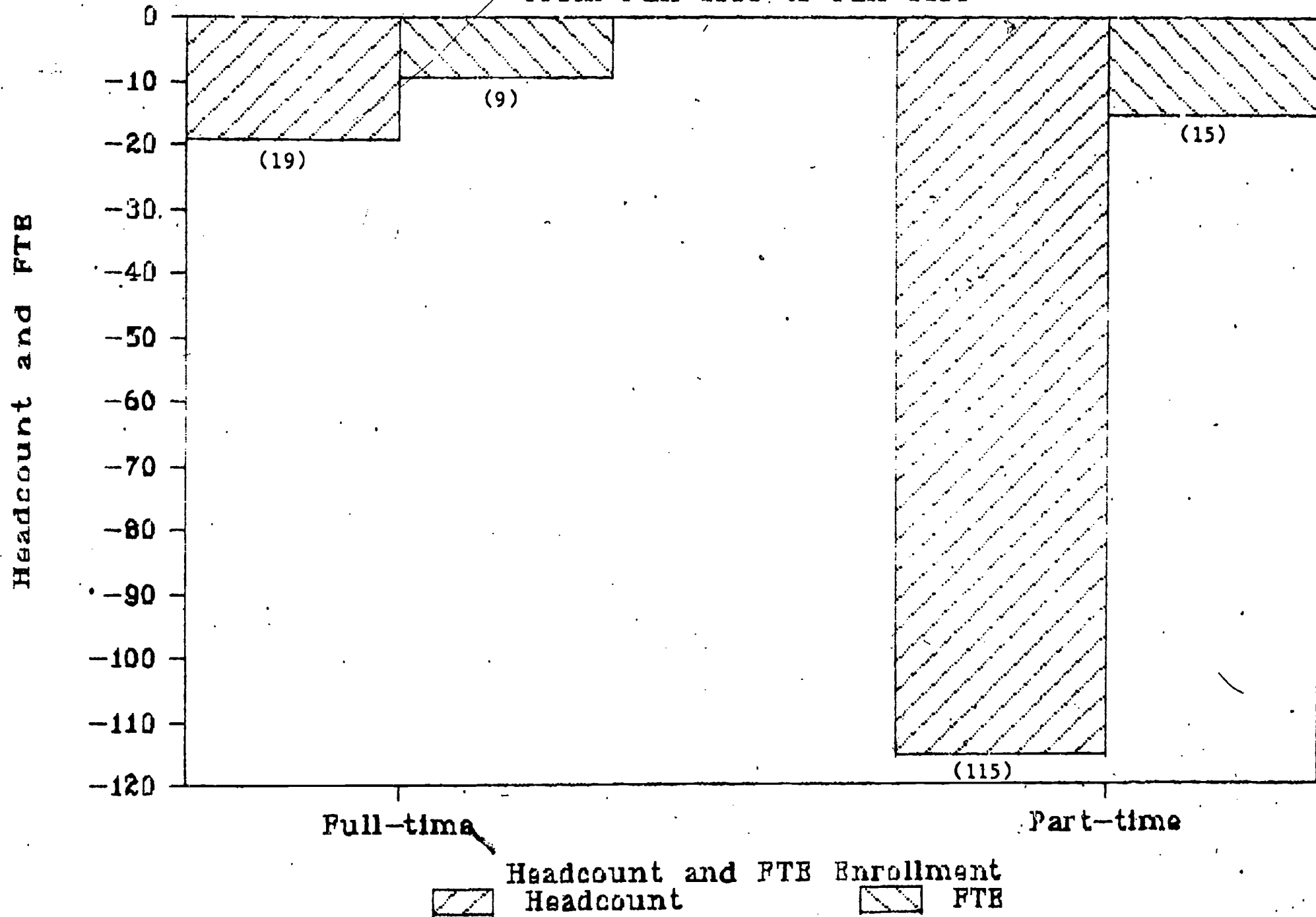


Fall 1984

# CHART III

## DECLINES IN HEADCOUNT AND FTE

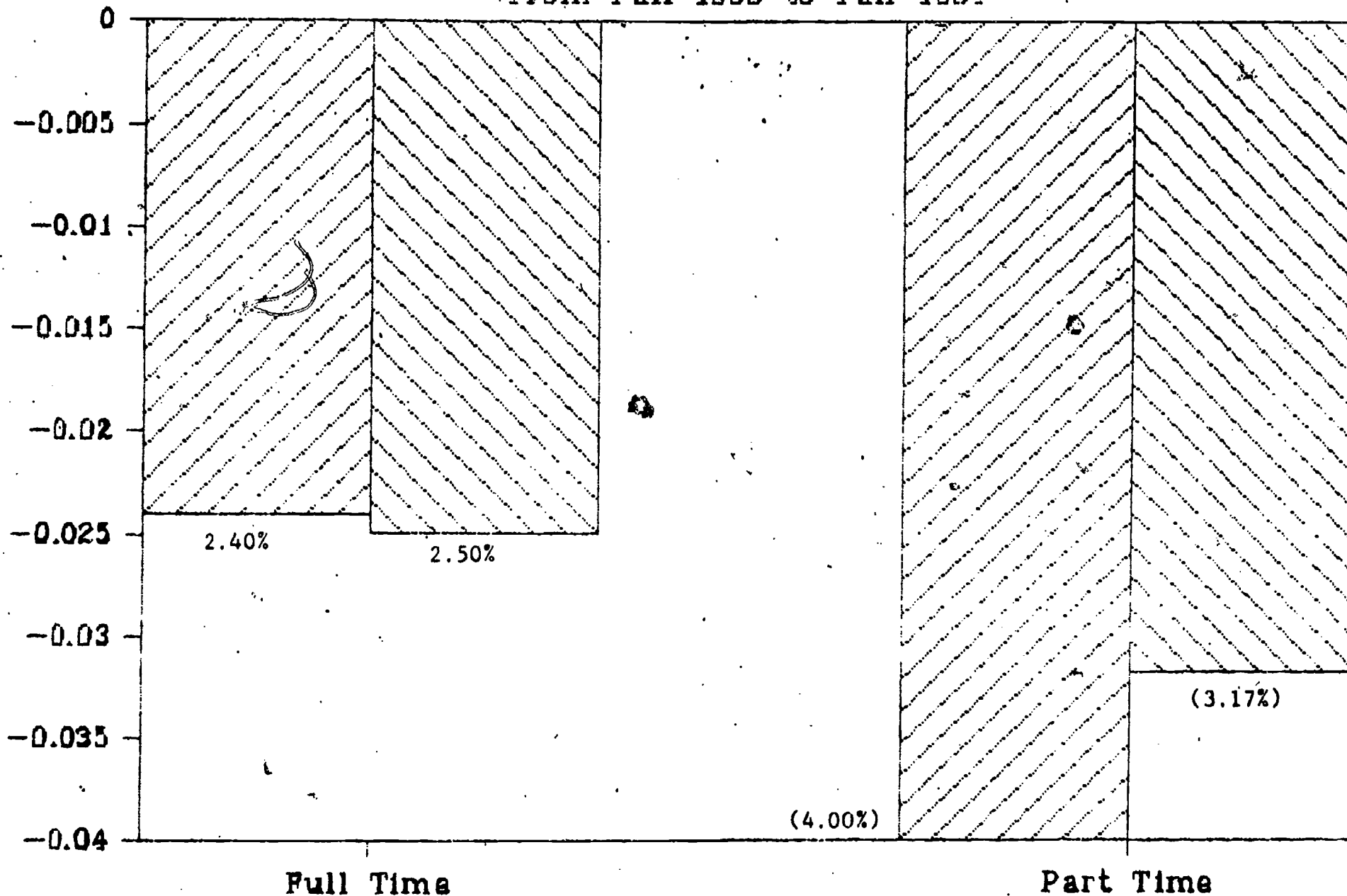
From Fall 1983 to Fall 1984.



# CHART IV

## PERCENTAGE CHANGES IN ENROLLMENT

From Fall 1983 to Fall 1984



Headcount and FTE  
 Headcount       FTE

TABLE II

BEST COPY AVAILABLE

FALL 1983 TO FALL 1984 COMPARISONS BY SEX

\*\*\*\*\*

Declines appear in all categories except full-time males. (The increase in this category is due to the 17 males enrolled in the other fall sessions.

The most dramatic decline by percentage is in the full-time female category - a decline of 8.74% (36 students).

The most dramatic decline in absolute numbers is the part-time female category which shows a decline of 114 students (5.72%) from Fall 1983.

The decline in female enrollments began in Fall 1983. That decline was substantial (150 students or almost 6%) and was accompanied by a drop in the median age of females, particularly part-time females. This indicates that it is the nontraditional age females who are not attending.

An increase in Fall 1983 male enrollments of 1.27% (16 students) did not quite offset the decrease in female enrollments. However, since full-time enrollment increased, the FTE enrollment did not decline in Fall 1983.

\*\*\*\*\*

TABLE II: FULL- AND PART-TIME STUDENT BY SEX (Headcount)

	Fall 1983*		Fall 1984*		Difference	
	N	%	N	%	N	%
FT Male	380	10.4%	397	11.2%	17	4.47%
FT Female	412	11.2%	376	10.6%	(36)	-8.74%
PT Male	884	24.1%	883	25.0%	(1)	-0.11%
PT Female	1992	54.3%	1878	53.1%	(114)	-5.72%

TOTAL BY SEX (Headcount)

	Fall 1983*		Fall 1984*		Difference	
	N	%	N	%	N	%
Male	1264	34.5%	1280	36.2%	16	1.27%
Female	2404	65.5%	2254	63.8%	(150)	-6.24%
TOTAL	3668	100.0%	3534	100.0%	(134)	-3.65%

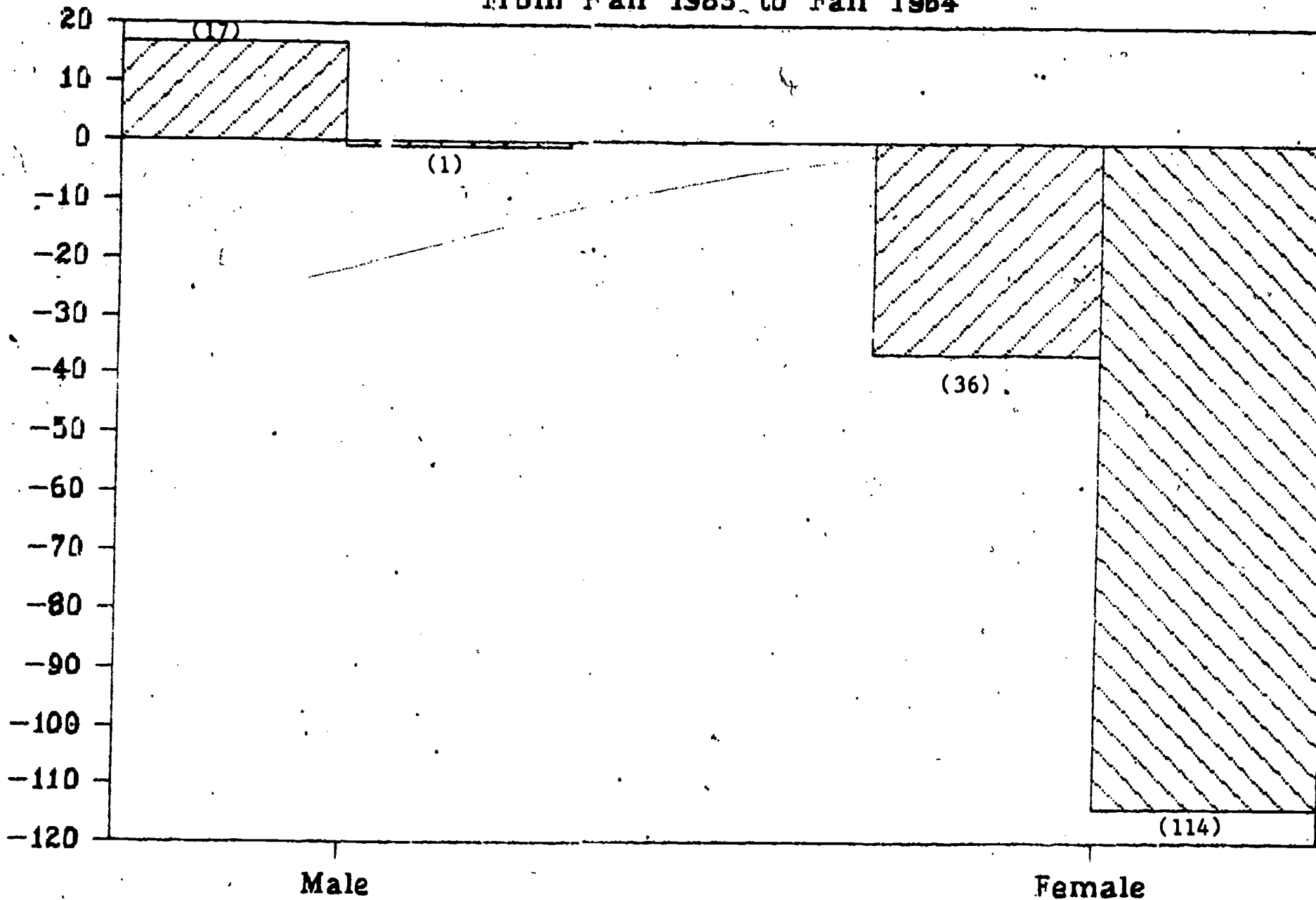
CHANGES IN ENROLLMENT BY SEX FALL 1980 TO FALL 1984

Fall	1980	1981	1982	1983	1984
Male	1050	1139	1243	1264	1280
Female	1992	2191	2407	2404	2254
TOTAL	3042	3330	3650	3668	3534

# CHART V

## ENROLLMENT CHANGES BY SEX

From Fall 1983 to Fall 1984

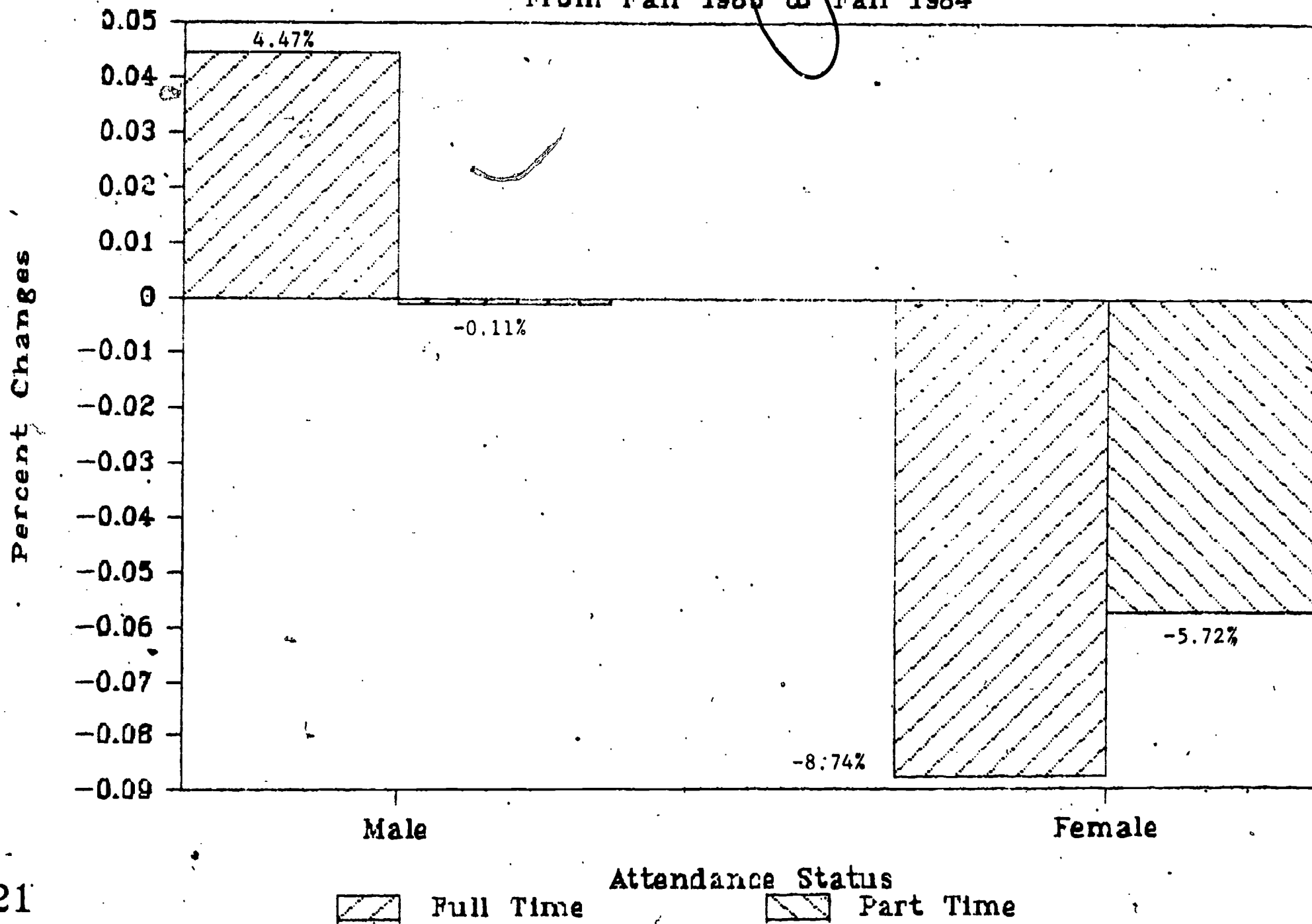


Attendance Status  
 [diagonal lines] Full Time [cross-hatch] Part Time

# CHART VI

## PERCENT CHANGES BY SEX

From Fall 1983 to Fall 1984

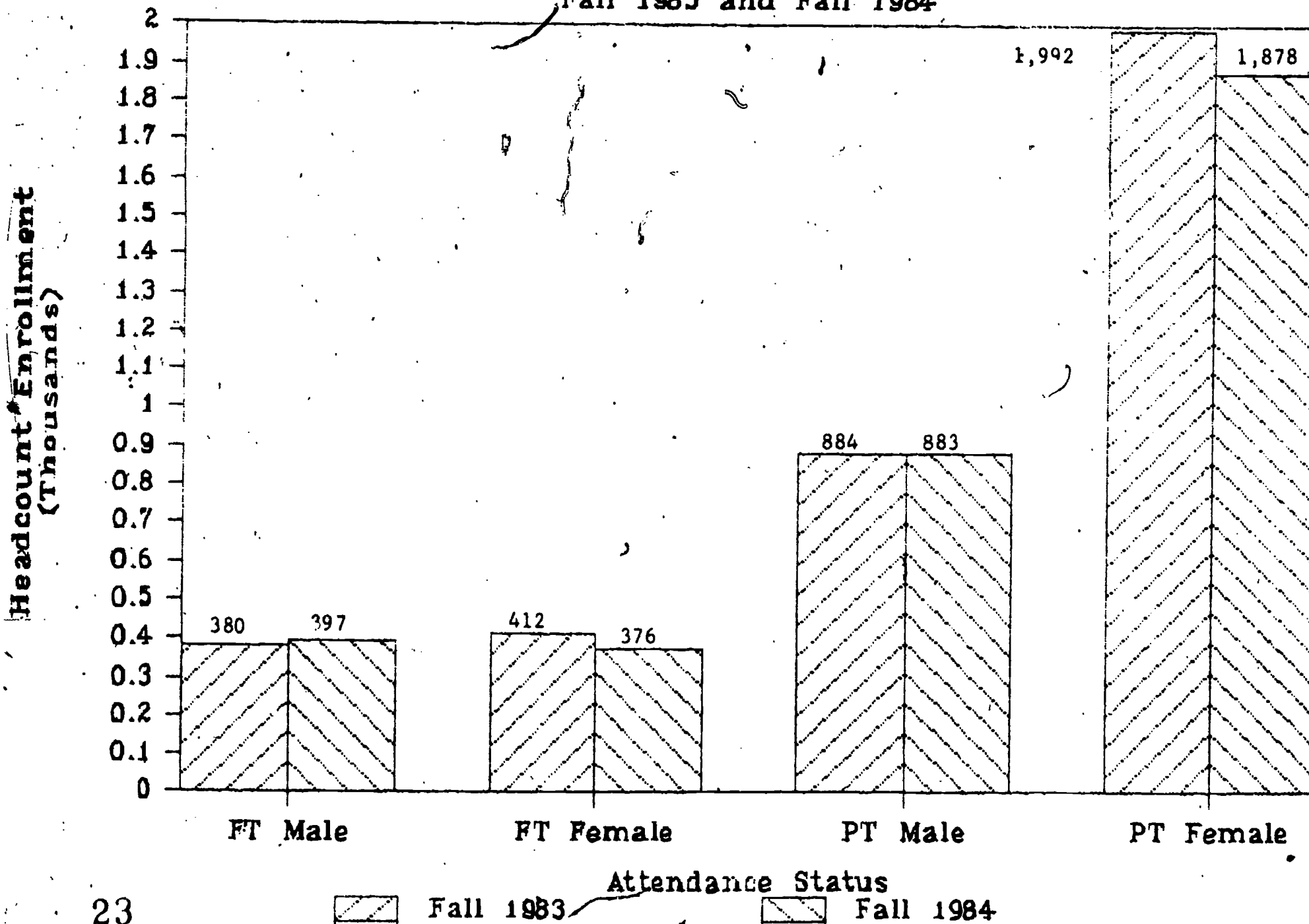




# CHART VII

## ENROLLMENT BY SEX & ATTENDANCE STATUS

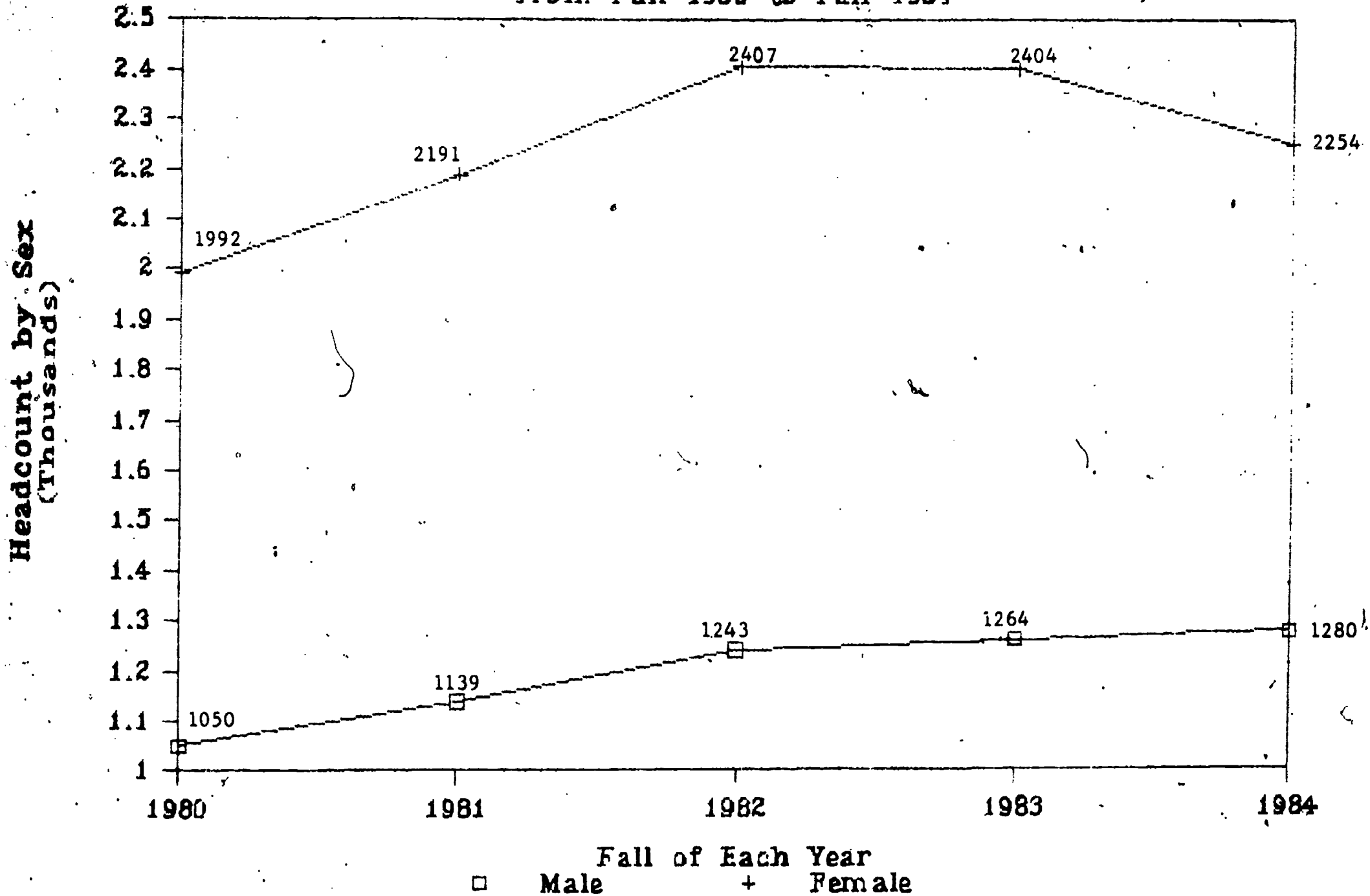
Fall 1983 and Fall 1984



# CHART VII

## CHANGES IN ENROLLMENT BY SEX

From Fall 1980 to Fall 1984



# CHART IX

## CHANGES IN ENROLLMENT BY SEX

From Fall 1980 to Fall 1984

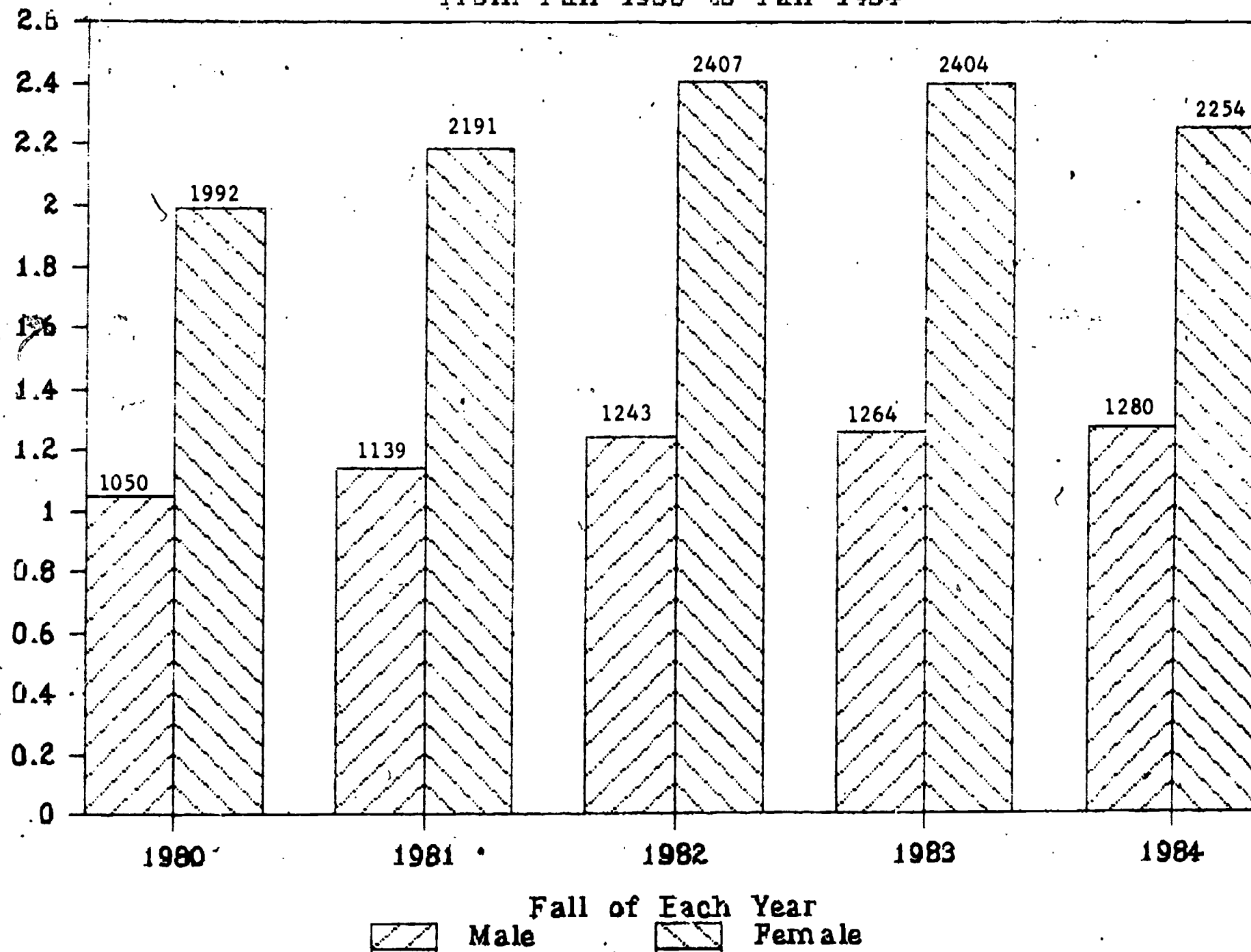


TABLE III

FALL 1983 TO FALL 1984 BY DAY AND EVENING REGISTRATION

\*\*\*\*\*

Day enrollments are dramatically lower in full- and part- time categories. These decreases, too, are almost all females (see Table II).

Full-time evening students (those who are carrying 12 or more credits with more than half of those credits taken in the evening) are the only group which has increased (by 23 students).

\*\*\*\*\*

TABLE III: FULL- AND PART-TIME DAY AND EVENING STUDENTS

	Fall 1983		Fall 1984		Difference	
	N	%	N	%	N	%
FT Day	728	19.8%	686	19.4%	(42)	-5.8%
FT Evening	64	1.7%	87	2.5%	23	35.9%
PT Day	1255	34.2%	1147	32.5%	(108)	-8.6%
PT Evening	1621	44.2%	1614	45.7%	(7)	-0.4%
TOTAL	3668	100.0%	3534	100.0%	(134)	-3.7%

TOTAL (Headcount)

	Fall 1983		Fall 1984		Difference	
	N	%	N	%	N	%
Day	1983	54.1%	1833	53.5%	(150)	-7.6%
Evening	1685	45.9%	1701	49.6%	16	0.9%
TOTAL	3668	100.0%	3429	103.1%	(239)	-6.5%

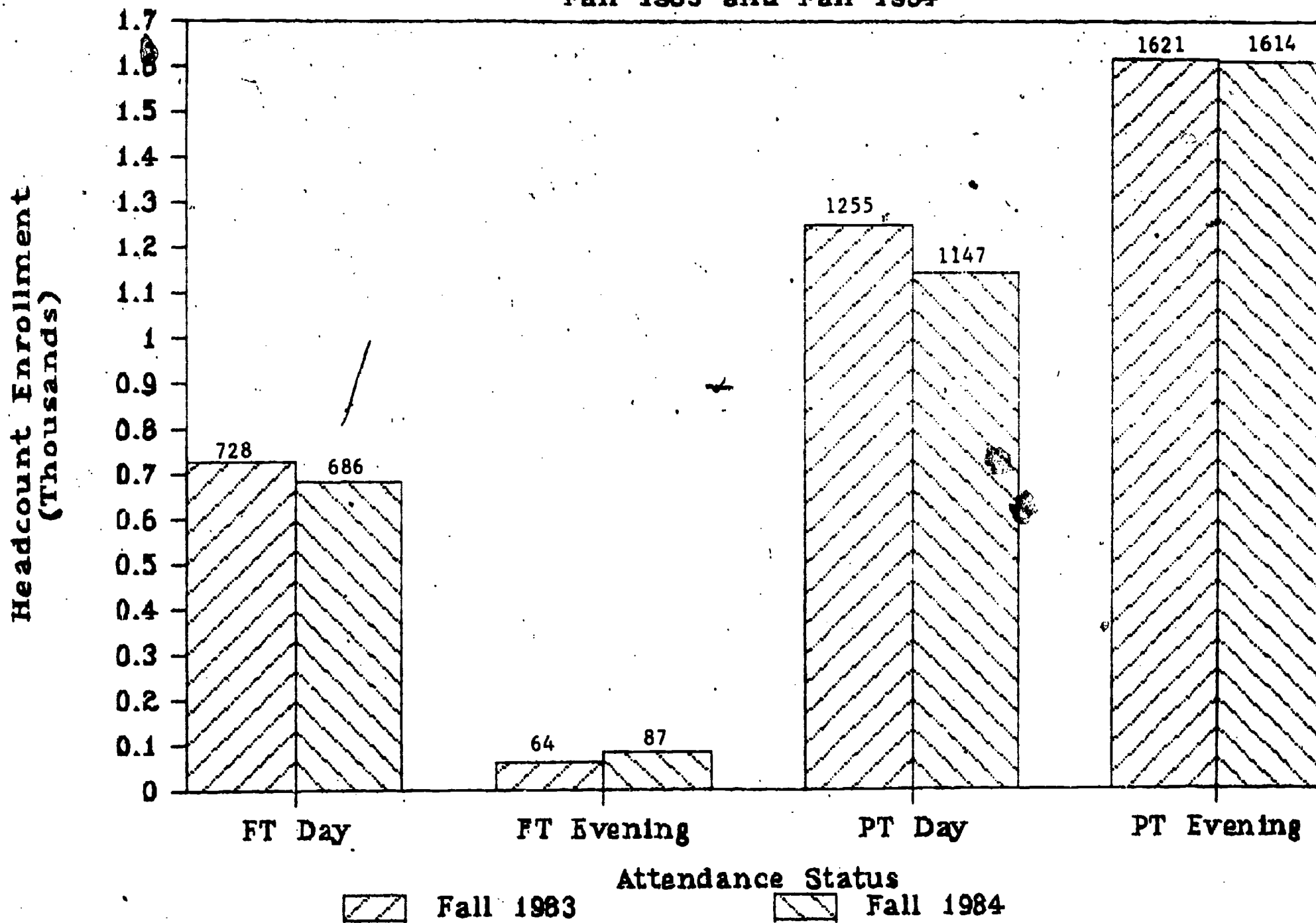
\* Figures include all fall sessions for Fall 1983 and Fall 1984.

07-Jan-85

# CHART X

## DAY AND EVENING ENROLLMENT

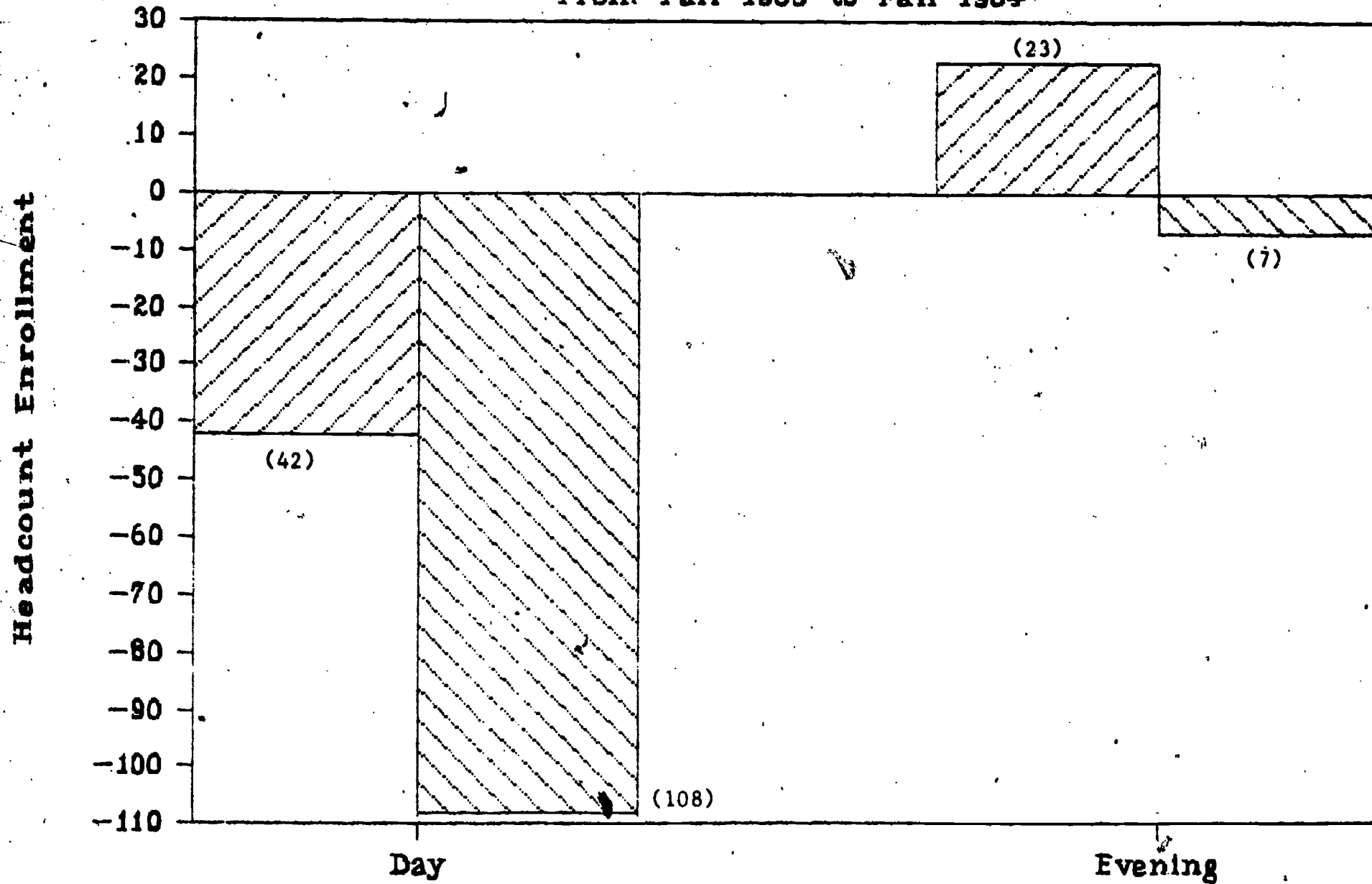
Fall 1983 and Fall 1984



# CHART XI

## CHANGES IN DAY AND EVENING ENROLLMENTS

From Fall 1983 to Fall 1984



Attendance Status  
 [diagonal lines] Full-Time      [cross-hatch] Part-Time



TABLE IV

FALL 1983 TO FALL 1984 COMPARISONS BY SEX AND REGISTRATION STATUS

\*\*\*\*\*

Readmitted students increased from Fall 1983 to Fall 1984 by 100 students or 36%. All other categories decreased. This may indicate that recruitment activities have been successful (see Appendix B).

The most dramatic decrease was in the "first time" category, which declined by 103 students or 12%.

First-time females decreased by almost 20%. First-time males increased by 1.3% (4 students).

Transfer students declined by 8.8% (48 students), and returning students declined by 69 students (3.5%).

This table highlights the only category of males which decreased: transfer students.

All categories of females decreased except for the readmit students.

\*\*\*\*\*

NEW AND RETURNING STUDENTS

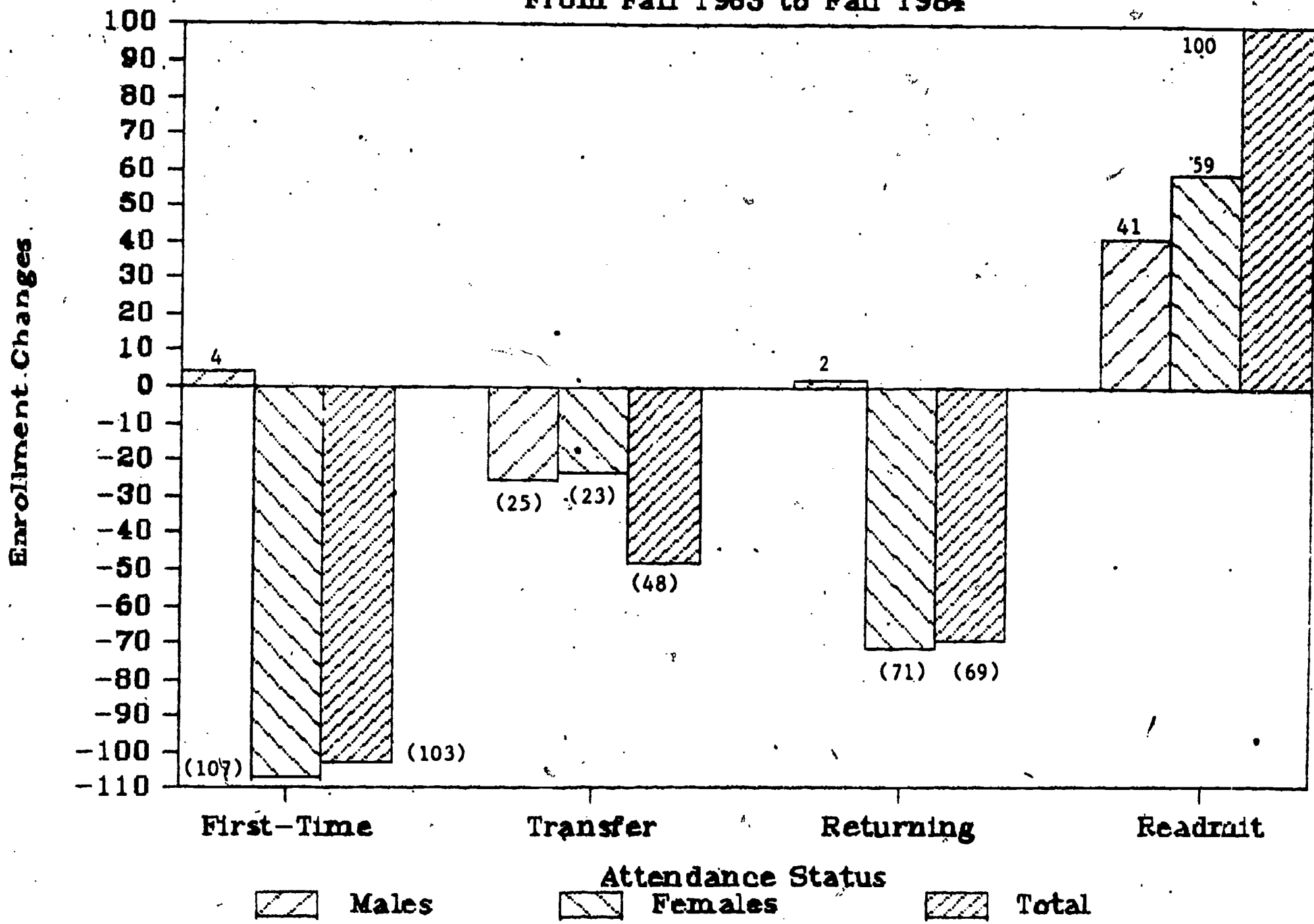
	Fall 1983		Fall 1984		Difference	
	N	%	N	%	N	%
<b>MALE</b>						
First-Time	316	8.6%	320	9.1%	4	1.3%
Transfer	203	5.5%	178	5.0%	(25)	-12.3%
Returning	652	17.8%	654	18.5%	2	0.3%
Readmit	87	2.4%	128	3.6%	41	47.1%
Unknown	6	0.2%	0	0.0%	(6)	---
<b>FEMALE</b>						
First-Time	545	14.9%	438	12.4%	(107)	-19.6%
Transfer	345	9.4%	322	9.1%	(23)	-6.7%
Returning	1314	35.8%	1243	35.2%	(71)	-5.4%
Readmit	191	5.2%	250	7.1%	59	30.9%
Unknown	9	0.2%	1	.0%	(8)	-88.9%
<b>TOTAL</b>						
First-Time	861	23.5%	758	21.4%	(103)	-12.0%
Transfer	548	14.9%	500	14.1%	(48)	-8.8%
Returning	1966	53.6%	1897	53.7%	(69)	-3.5%
Readmit	278	7.6%	378	10.7%	100	36.0%
Unknown	15	0.4%	1	.0%	(14)	-93.3%
<b>TOTAL</b>	<b>3668</b>	<b>100.0%</b>	<b>3534</b>	<b>100.0%</b>	<b>(134)</b>	<b>-3.7%</b>

\* Figures include all fall sessions for Fall 1983 and Fall 1984.

# CHART XII

## ENROLLMENT DECREASES BY REGISTRATION

From Fall 1983 to Fall 1984





# CHART XIII

## ENROLLMENT BY REGISTRATION STATUS

Fall 1983 and Fall 1984

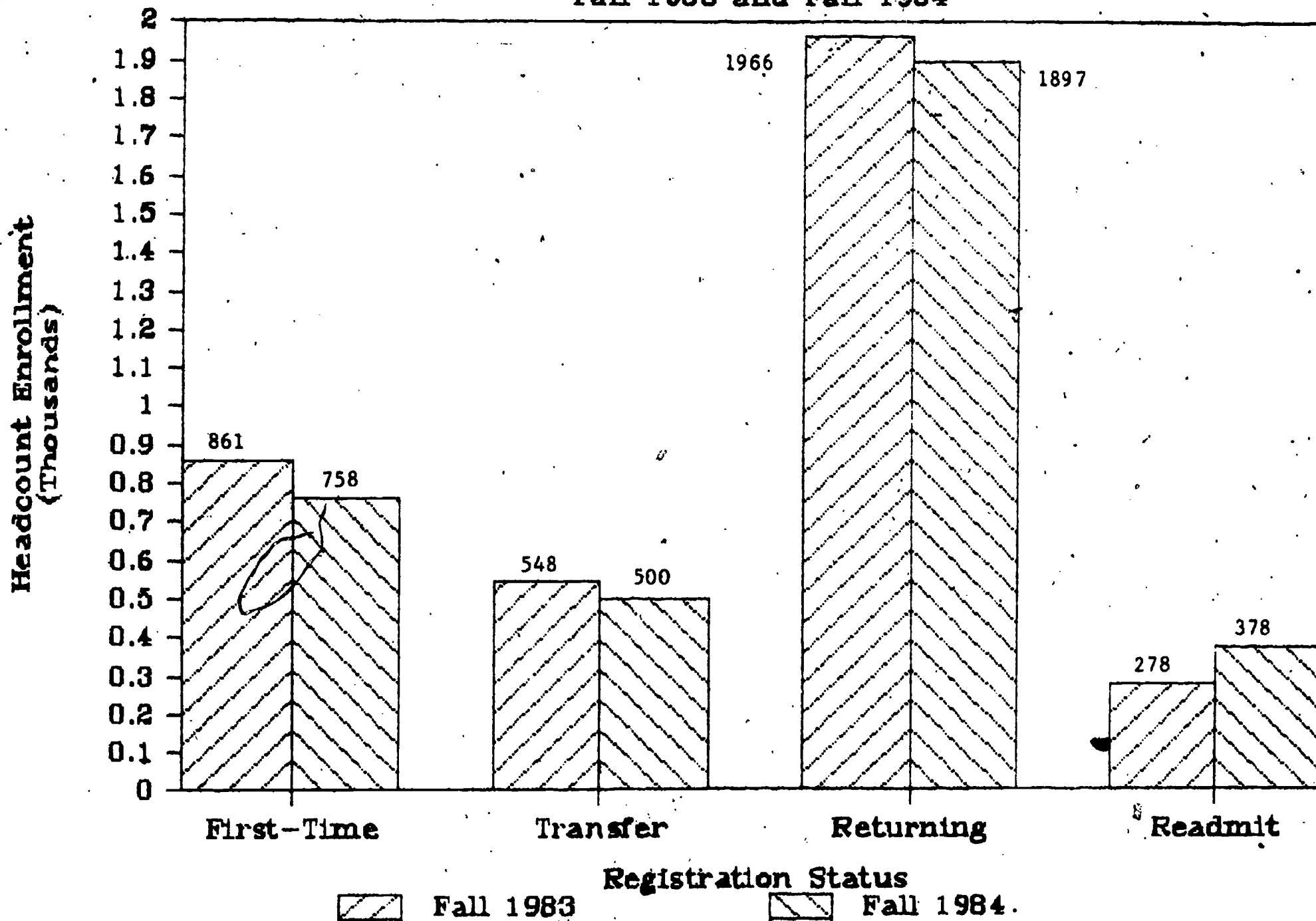


TABLE VI

## FALL 1983 TO FALL 1984 COMPARISONS BY ATTENDANCE AND REGISTRATION STATUS

\*\*\*\*\*

Further analysis of registration states that both full- and part-time first-time students declined. First-time, full-time students declined by 15 students or 6.2%. First-time, part-time students declined by 88 students or 14.2%. These are almost all females.

\*\*\*\*\*

TABLE V

	Fall 1983		Fall 1984		Difference	
	N	%	N	%	N	%
<b>FULL-TIME</b>						
First-Time	242	6.6%	227	6.4%	(15)	-6.2%
Transfer	60	1.6%	63	1.8%	3	5.0%
Returning	468	12.8%	452	12.8%	(16)	-3.4%
Readmit	21	0.6%	31	0.9%	10	47.6%
Unknown	1	.0%	0	0.0%	(1)	---
<b>PART-TIME</b>						
First-Time	619	16.9%	531	15.0%	(88)	-14.2%
Transfer	488	13.3%	437	12.4%	(51)	-10.5%
Returning	1498	40.8%	1445	40.9%	(53)	-3.5%
Readmit	257	7.0%	347	9.8%	90	35.0%
Unknown	14	0.4%	1	.0%	(13)	-92.9%
<b>Total</b>	<b>3668</b>	<b>100.0%</b>	<b>3534</b>	<b>100.0%</b>		

	Fall 1983		Fall 1984		Difference	
	N	%	N	%	N	%
<b>TOTAL</b>						
First-Time	861	23.5%	758	21.4%	(103)	-12.0%
Transfer	548	14.9%	500	14.1%	(48)	-8.8%
Returning	1906	53.6%	1897	53.7%	(69)	-3.5%
Readmit	278	7.6%	378	10.7%	100	36.0%
Unknown	15	0.4%	1	.0%		
<b>TOTAL</b>	<b>3668</b>	<b>100.0%</b>	<b>3534</b>	<b>100.0%</b>	<b>(134)</b>	<b>-3.7%</b>

\* Figures include all fall sessions for Fall 1983 and Fall 1984.

# CHART XIV

## CHANGES BY REGISTRATION AND ATTENDANCE

From Fall 1983 to Fall 1984

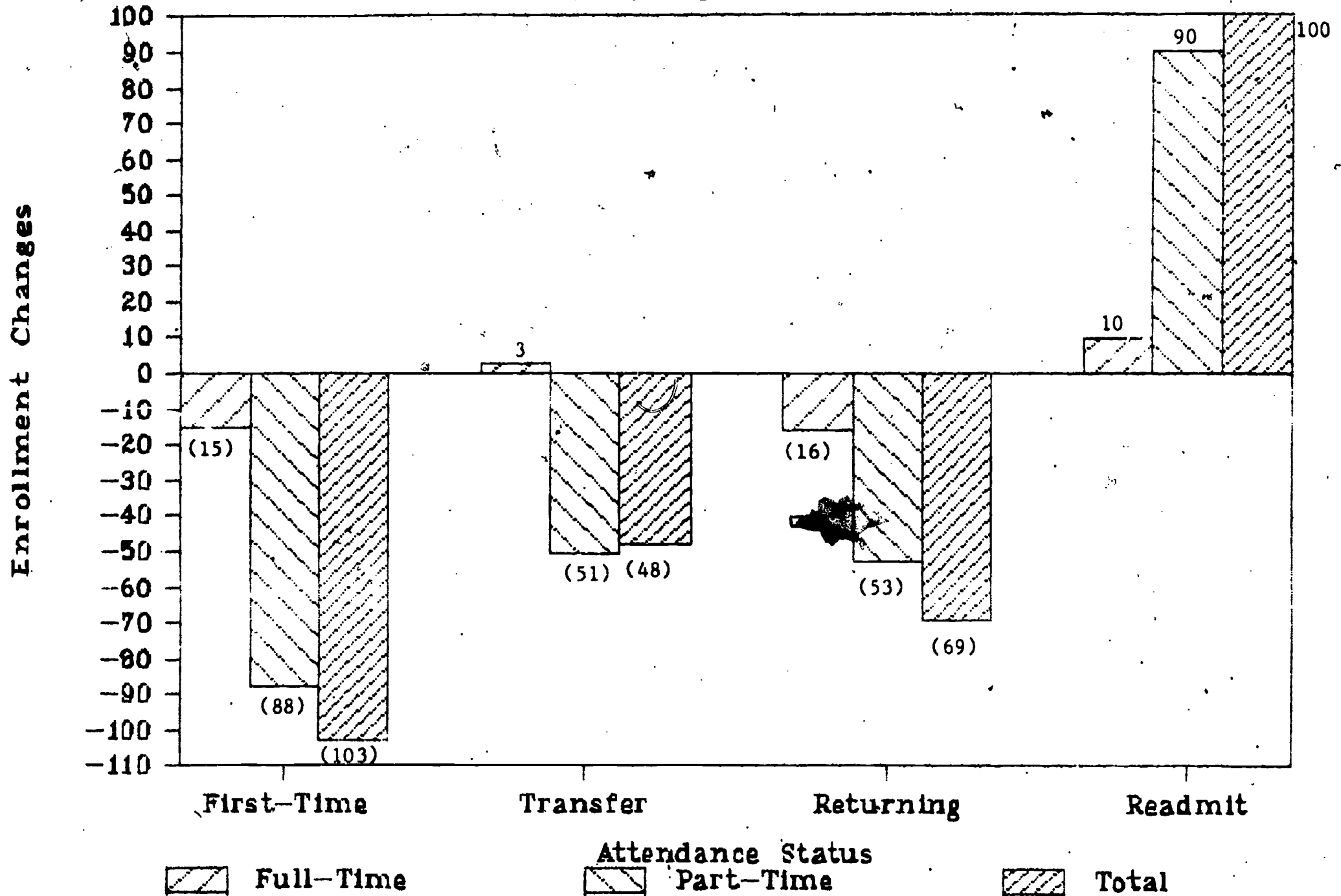


TABLE VI

FALL 1983 TO FALL 1984 COMPARISONS BY ACADEMIC PROGRAM

\*\*\*\*\*  
 Transfer programs increased by 14.5% (177 students) from Fall 1983 to Fall 1984. Business Administration increased by 84 students (19%). Some of the new emphases such as Information Systems Management may help to explain these increases.

At the same time, occupational programs declined by 9.9% or 149 students. Data Processing, for example, decreased by 86 students (27.6%). This does not mean that students are losing interest in high tech, but that they may be more interested in transfer programs such as Information Systems Management or newer programs such as Computer Technology and Electronics Technology.

Also, this fall's occupational program decreases may be temporary due to unemployment rate decreases. Five and six year trends show increases in occupational enrollments. (see Table VII)

\*\*\*\*\*  
 HCC PROGRAM

	** Fall 1983		** Fall 1984		Difference	
	N	% Total	N	% Total	N	%
<b>TRANSFER PROGRAMS</b>						
Arts & Sciences	666	18.2%	701	19.8%	35	5.3%
Business Admin.	443	12.1%	527	14.9%	84	19.0%
Engineering	78	2.1%	113	3.2%	35	44.9%
Teacher Ed.	37	1.0%	60	1.7%	23	62.2%
<b>TRANSFER SUBTOTAL</b>	<b>1224</b>	<b>20.3%</b>	<b>1401</b>	<b>39.6%</b>	<b>177</b>	<b>14.5%</b>
<b>OCCUPATIONAL PROGRAMS</b>						
Accounting	179	4.9%	160	4.5%	-19	-10.6%
BMET	49	1.3%	44	1.2%	-5	-10.2%
Bus. MGMT	216	5.9%	178	5.0%	-38	-17.6%
Computer Technology	*	*	23	0.7%	23	0.0%
Constr. Tech. & Carp.	16	0.4%	38	1.1%	22	137.5%
DP	312	8.5%	226	6.4%	-86	-27.6%
Electronics	82	2.2%	94	2.7%	12	14.6%
Housing Management	3	0.1%	2	0.1%	-1	-33.3%
Nursing	423	11.5%	368	10.4%	-55	-13.0%
Plant Science	20	0.5%	36	1.0%	16	80.0%
Retailing	3	0.1%	3	0.1%	0	0.0%
Secretarial Science	183	5.0%	139	3.9%	-44	-24.0%
Vision Care	22	0.6%	48	1.4%	26	118.2%
<b>OCCUPATIONAL SUBTOTAL</b>	<b>1508</b>	<b>41.1%</b>	<b>1359</b>	<b>38.5%</b>	<b>-149</b>	<b>-9.9%</b>
GENERAL STUDIES	245	6.7%	238	6.7%	-7	-2.9%
SPECIAL STUDENTS	691	18.8%	536	15.2%	-155	-22.4%
<b>TOTAL</b>	<b>3668</b>	<b>100.0%</b>	<b>3534</b>	<b>100.0%</b>	<b>-134</b>	<b>-3.65%</b>

Curriculum not offered.

Figures include all fall sessions for Fall 1983 and Fall 1984.

FIVE-YEAR OVERVIEW OF HOWARD COMMUNITY COLLEGE PROGRAM ENROLLMENTS

FALL 1980 TO FALL 1984 COMPARISONS \*\* BY ACADEMIC PROGRAM

- \*\*\*\*\*
- Total Enrollment: Increased 16.2% over the last five fall semesters.
  - Total Transfer Programs: Increased 103.3% over the last five fall semesters.
  - Total Occupational Programs: Increased 11.2% over 5 years, however, there have been significant declines in the Accounting, Bus. Mgmt., Housing Mgmt., Retailing and Secretarial Science programs.
  - General Studies Program: Down 44.7%, possible trend in specialization, difficulty in finding employment with this AA degree.
  - Special Students: Down 23.5%, possibly because unemployment is down.
  - High Technology programs on the rise, as a result of trends toward automation.
- \*\*\*\*\*

HCC PROGRAM

	** Fall 1980		** Fall 1984		Difference	
	N	% Total	N	% Total	N	% Change
<b>TRANSFER PROGRAMS</b>						
Arts & Sciences	343	11.28%	701	19.84%	358	104.4%
Business Admin.	274	9.01%	527	14.91%	253	92.3%
Engineering	*	0.00%	113	3.20%	113	0.0%
Teacher Ed.	72	2.37%	60	1.70%	-12	-16.7%
<b>Subtotal Transfer</b>	<b>689</b>	<b>22.65%</b>	<b>1401</b>	<b>39.64%</b>	<b>712</b>	<b>103.3%</b>
<b>OCCUPATIONAL PROGRAMS</b>						
Accounting	223	7.33%	160	4.53%	-63	-28.3%
BMET	38	1.25%	44	1.25%	6	15.8%
Business Mgmt.	201	6.61%	178	5.04%	-23	-11.4%
Computer Technology	*	*	23	0.65%	23	100.0%
Const. Tech. & Carpent	25	0.82%	38	1.08%	13	52.0%
Data Processing	196	6.44%	226	6.40%	30	15.3%
Electronics Tech.	44	1.45%	94	2.66%	50	113.6%
Housing Management	11	0.36%	2	0.06%	-9	-81.8%
Nursing	283	9.30%	368	10.41%	85	30.0%
Plant Science	15	0.49%	36	1.02%	21	140.0%
Retailing	16	0.53%	3	0.08%	-13	-81.3%
Secretarial Science	149	4.90%	139	3.93%	-10	-6.7%
Vision Care	19	0.62%	48	1.36%	29	152.6%
Phy. & Wholesale Distr	2	0.07%	0*	0.00%	--	--
<b>Subtotal Occupational</b>	<b>1222</b>	<b>40.17%</b>	<b>1359</b>	<b>38.46%</b>	<b>137</b>	<b>11.2%</b>
<b>GENERAL STUDIES</b>	<b>430</b>	<b>14.14%</b>	<b>238</b>	<b>6.73%</b>	<b>-192</b>	<b>-44.7%</b>
<b>SPECIAL STUDENTS</b>	<b>701</b>	<b>23.04%</b>	<b>536</b>	<b>15.17%</b>	<b>-165</b>	<b>-23.5%</b>
<b>TOTAL</b>	<b>3042</b>	<b>100.00%</b>	<b>3534</b>	<b>100.00%</b>	<b>492</b>	<b>16.2%</b>

\* Curriculum was not offered.

\*\* Fall 1984 figures include all Fall sessions (regular session, mini-mester and two other sessions). There was only one regular session in Fall 1980.

21-Nov-84



FALL 1983 TO FALL 1984 COMPARISONS BY HOWARD COUNTY HIGH SCHOOL

Recent Howard County High School graduates, as a subset of the student population, decreased from Fall 1983 to Fall 1984 by 6.9% headcount and by 10.8% in Full-time Equivalents (FTE).

During the same period, the number of Howard County High School graduates actually increased by 1.17%.

Trends shown by the HCC I.R. Preliminary Enrollment Analysis (July 1984) have been verified by the official Fall 1984 figures.

RECENT HOWARD COUNTY HIGH SCHOOL GRADUATES

	Fall 1983		Fall 1984		DIFFERENCE	
	N	%	N	%	N	%
Headcount: Recent HC	288	7.9%	268	7.6%	-20	-6.94%
Headcount: Other Stud	3380	92.1%	3266	92.4%	-114	-3.37%
FTE: Recent HC HS Gra	105.9	12.7%	94.4	11.6%	-12	-10.89%
FTE: Other Students	731.1	87.3%	718.5	88.4%	-13	-1.72%
<b>TOTAL HEADCOUNT</b>	<b>3668</b>	<b>100.0%</b>	<b>3534</b>	<b>100.0%</b>	<b>-134</b>	<b>-3.65%</b>
<b>TOTAL FTE</b>	<b>837.0</b>	<b>100.0%</b>	<b>812.9</b>	<b>100.0%</b>	<b>-24</b>	<b>-2.88%</b>

HIGH SCHOOL GRADUATES AS PERCENT OF ALL COUNTY HS GRADUATES

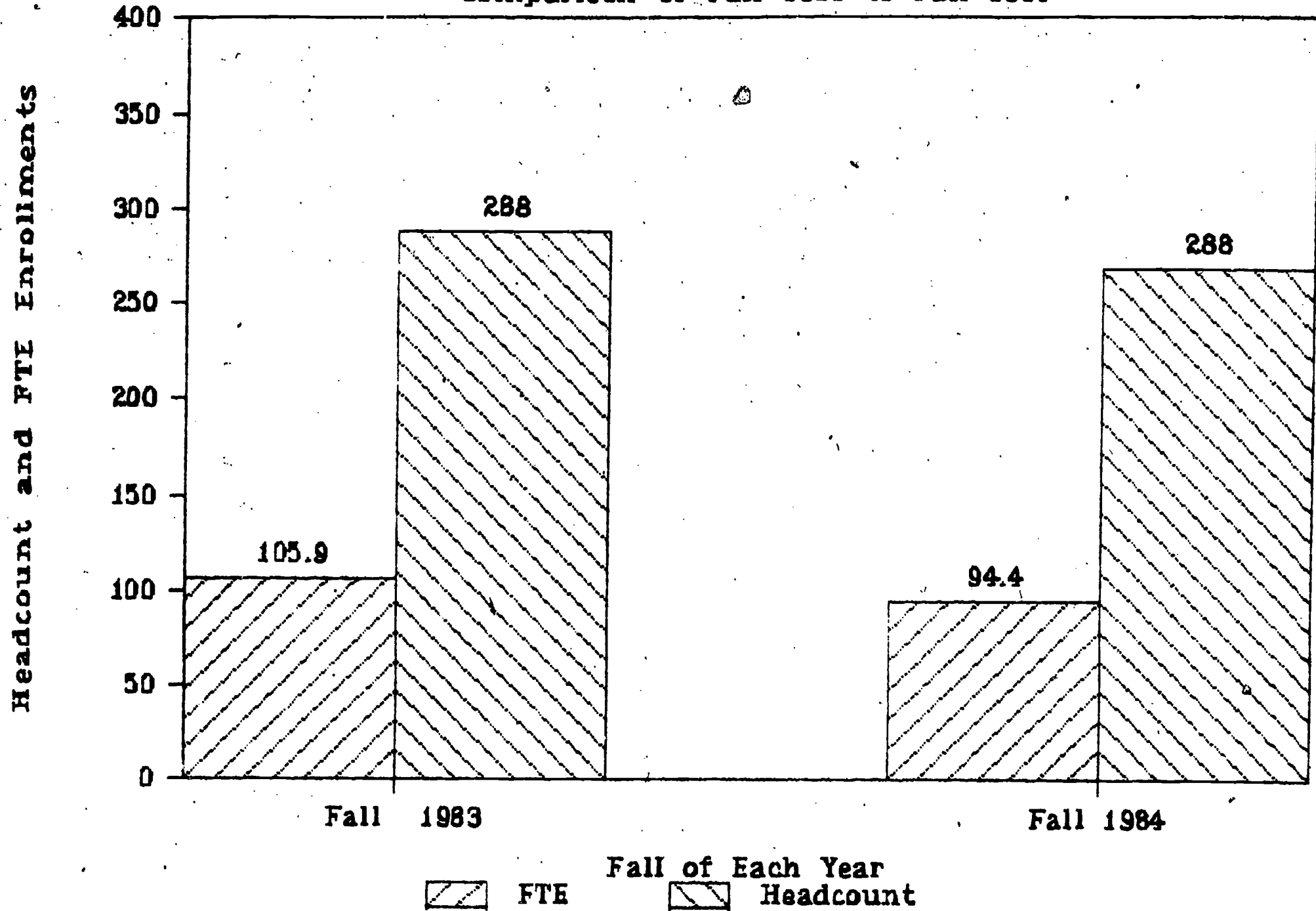
	Fall 1983	Fall 1984	DIFFERENCE	
			N	%
Howard County HS Graduates **	1887	1909	22	1.17%
Attending HCC	288	268	-20	-6.94%
FTE	105.9	94.4	-11.53	-10.89%
Percent Attending HCC	15.3%	14.0%	-1.2%	-8.02%

\*\* Official graduates of Howard County High Schools obtained from Director of High Schools Office, October 24, 1984.

# CHART XV

## COUNTY HIGH SCHOOL GRADUATES AT HCC

Comparison of Fall 1983 to Fall 1984



BEST COPY AVAILABLE

FALL 1983 & 1984 AGE DISTRIBUTIONS BY SEX

\*\*\*\*\*

1984	MALE	FEMALE	TOTAL
20 YRS. & UNDER	437	586	1023
21 - 30 YRS.	542	755	1297
31 - 40 YRS.	195	503	698
41 - 50 YRS.	75	287	362
51 YRS. & ABOVE	31	123	154
<b>TOTAL</b>	<b>1280</b>	<b>2254</b>	<b>3534</b>

\*\*\*\*\*

1983	MALE	FEMALE	TOTAL
20 YRS. & UNDER	340	470	810
21 - 30 YRS.	583	873	1456
31 - 40 YRS.	199	596	795
41 - 50 YRS.	98	335	433
51 YRS. & ABOVE	44	130	174
<b>TOTAL</b>	<b>1264</b>	<b>2404</b>	<b>3668</b>

\*\*\*\*\*

\* CHANGES IN FEMALE AGEGROUP ENROLLMENTS

	1983	1984	CHANGE	%
20 YRS. & UNDER	470	586	116	24.7%
21 - 30 YRS.	873	755	-118	-13.5%
31 - 40 YRS.	596	503	-93	-15.6%
41 - 50 YRS.	335	287	-48	-14.3%
51 YRS. & ABOVE	130	123	-7	-5.4%

\*\*\*\*\*

\* CHANGES IN MALE AGEGROUP ENROLLMENTS

	1983	1984	CHANGE	%
20 YRS. & UNDER	340	437	97	28.5%
21 - 30 YRS.	583	542	-41	-7.0%
31 - 40 YRS.	199	195	-4	-2.0%
41 - 50 YRS.	98	75	-23	-23.5%
51 YRS. & ABOVE	44	31	-13	-29.5%

\*\*\*\*\*

\* CHANGES IN TOTAL AGEGROUP ENROLLMENTS

	1983	1984	CHANGE	%
20 YRS. & UNDER	810	1023	213	26.3%
21 - 30 YRS.	1456	1297	-159	-10.9%
31 - 40 YRS.	795	698	-97	-12.2%
41 - 50 YRS.	433	362	-71	-16.4%
51 YRS. & ABOVE	174	154	-20	-11.5%
<b>TOTAL</b>	<b>3668</b>	<b>3534</b>	<b>-134</b>	<b>-3.7%</b>

47



TABLE IX (continued)

\*\*\*\*\*

From 1983 to 1984 all female enrollments decreased except in the 20 years & under agegroup which increased by 24.7%.

The greatest decrease is seen in the 31 - 40 years agegroup, down 15.6%.

From 1983 to 1984 all male enrollments decreased except in the 20 years & under agegroup which increased by 28.5%.

The greatest decrease is seen in the 51 years & above agegroup, down 29.5%.

From 1983 to 1984 total enrollments decreased except in the 20 years & under agegroup which increased 26.3%.

The greatest decrease in total enrollment is seen in the 41 - 50 years agegroup, down 16.4%.

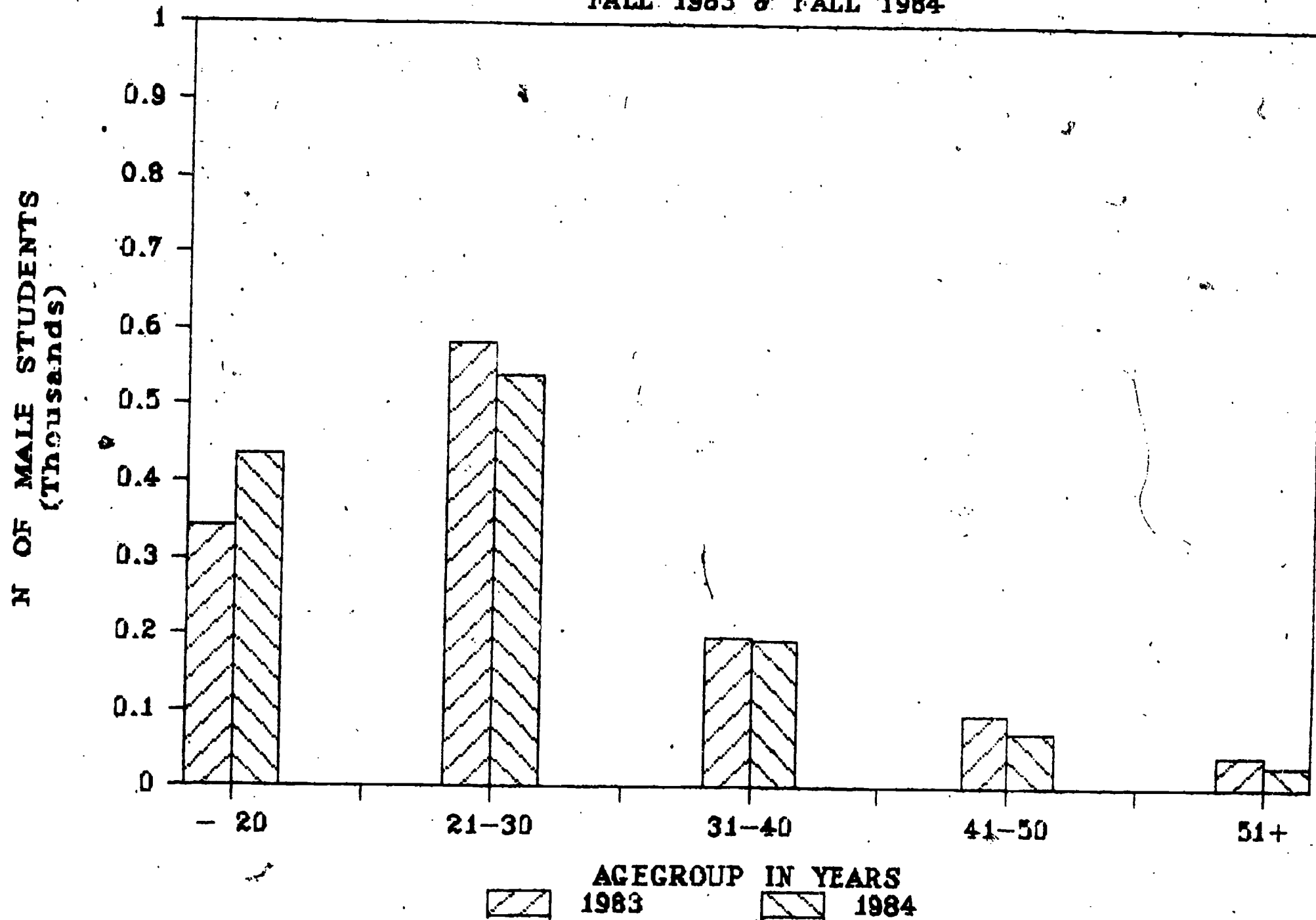
Total agegroup enrollment, down 3.7%.

\*\*\*\*\*

# CHART XVI

## CHANGES IN MALE AGEGROUP ENROLLMENTS

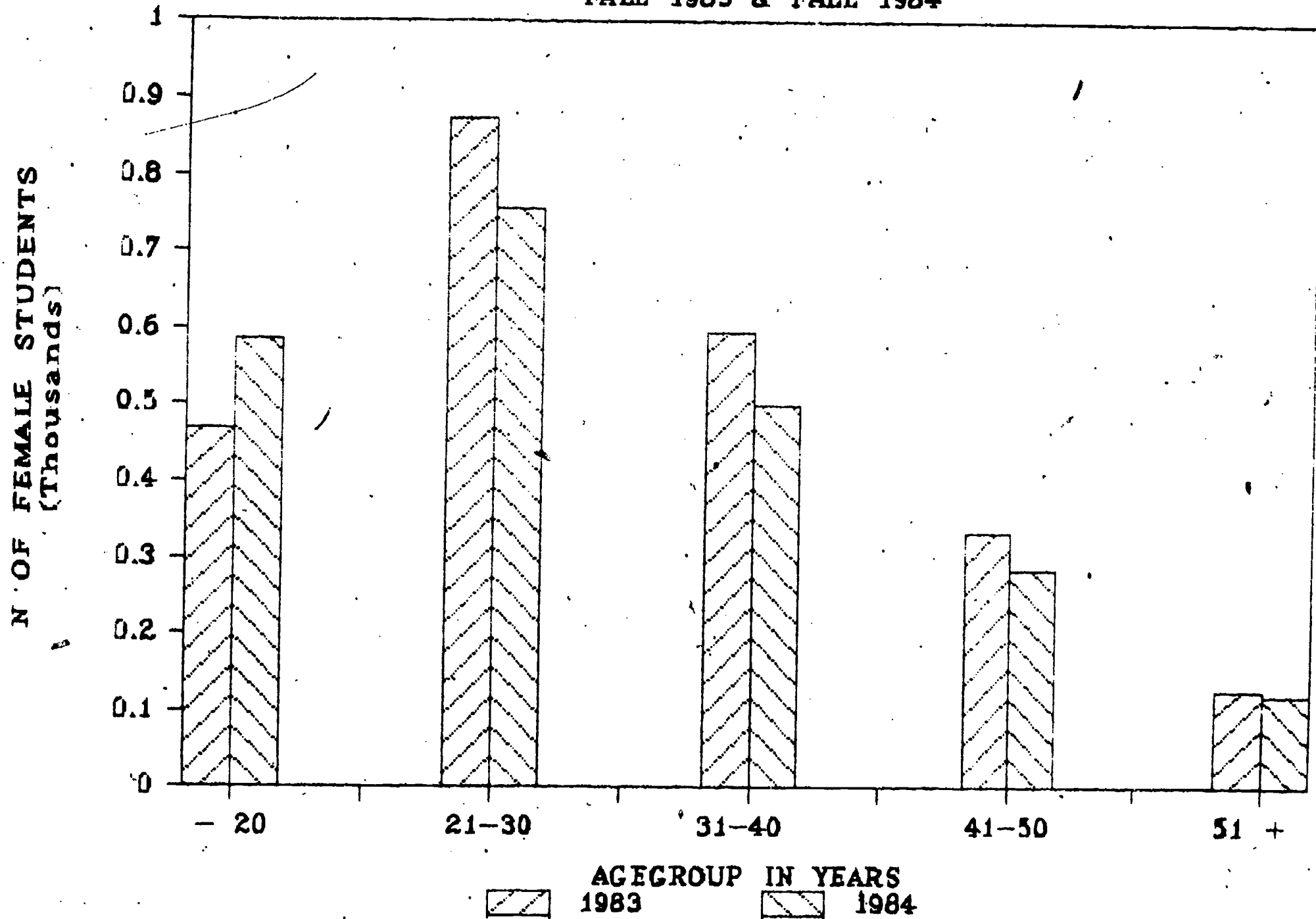
FALL 1983 & FALL 1984



# CHART XVII

## CHANGES IN FEMALE AGE GROUP ENROLLMENTS

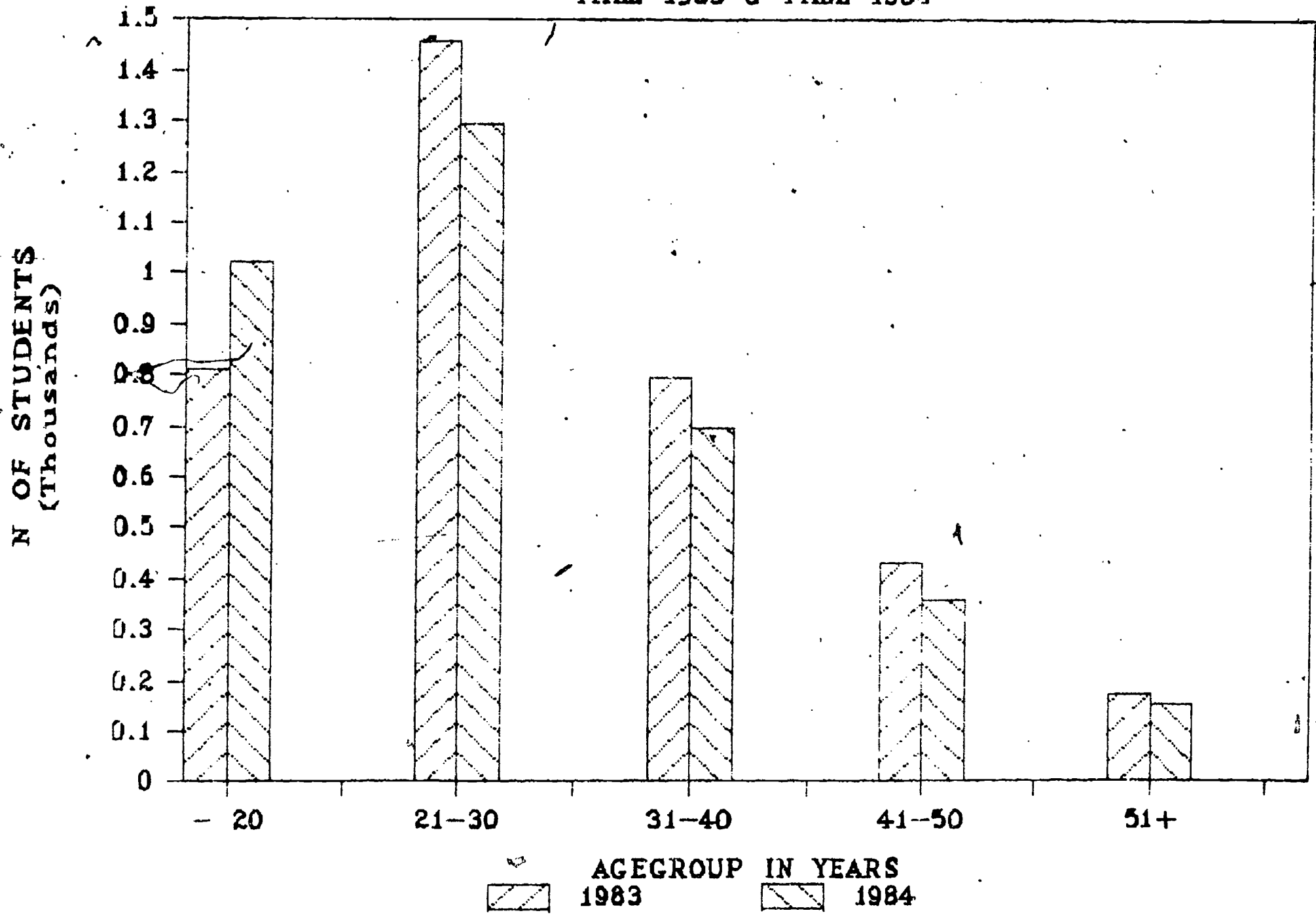
FALL 1983 & FALL 1984



# CHART XVIII

## CHANGE IN TOTAL AGEGROUP ENROLLMENT

FALL 1983 & FALL 1984



## APPENDIX A

## MARYLAND COMMUNITY COLLEGES

OPENING FALL 1984 ENROLLMENT \*  
(PRELIMINARY DATA)

- \*\*\* Enrollment Declines appeared statewide in fifteen out of the seventeen Maryland Community Colleges. Only Charles and Chesapeake Community Colleges experienced increases.
  - \*\*\* Overall, Maryland Community College Fall 1984 credit enrollments (preliminary) were 5,001 students, or 4.8%, below Fall 1983.
  - \*\*\* Full-time enrollments dropped by 2,942 students (9.0%).
  - \*\*\* Part-time enrollments dropped by 2,060 (2.8%).
  - \*\*\* Full-time Freshmen decreased by 822 (8.0%).  
This is the third year of declines in full-time freshmen.
  - \*\*\* Female enrollments dropped by 3,071 (4.9%).  
This is particularly important since "most growth among part-time undergraduates has been the result of increases of women, particularly in the community colleges (Maryland State Board for Higher Education, October 30, 1984)."
  - \*\*\* The accompanying table (Table A) shows the patterns of Fall 1984 enrollment changes in five Maryland Community Colleges -- Montgomery - Rockville, Frederick, Catonsville, Hagerstown, and Harford.
- \* Postsecondary Education Data Reports: Opening Fall Enrollment, 1984, Preliminary Data. Maryland State Board for Higher Education, October 30, 1984.

# CHART XIX

## ENROLLMENT PATTERNS BY PERCENTAGE

In Five Maryland Community Colleges

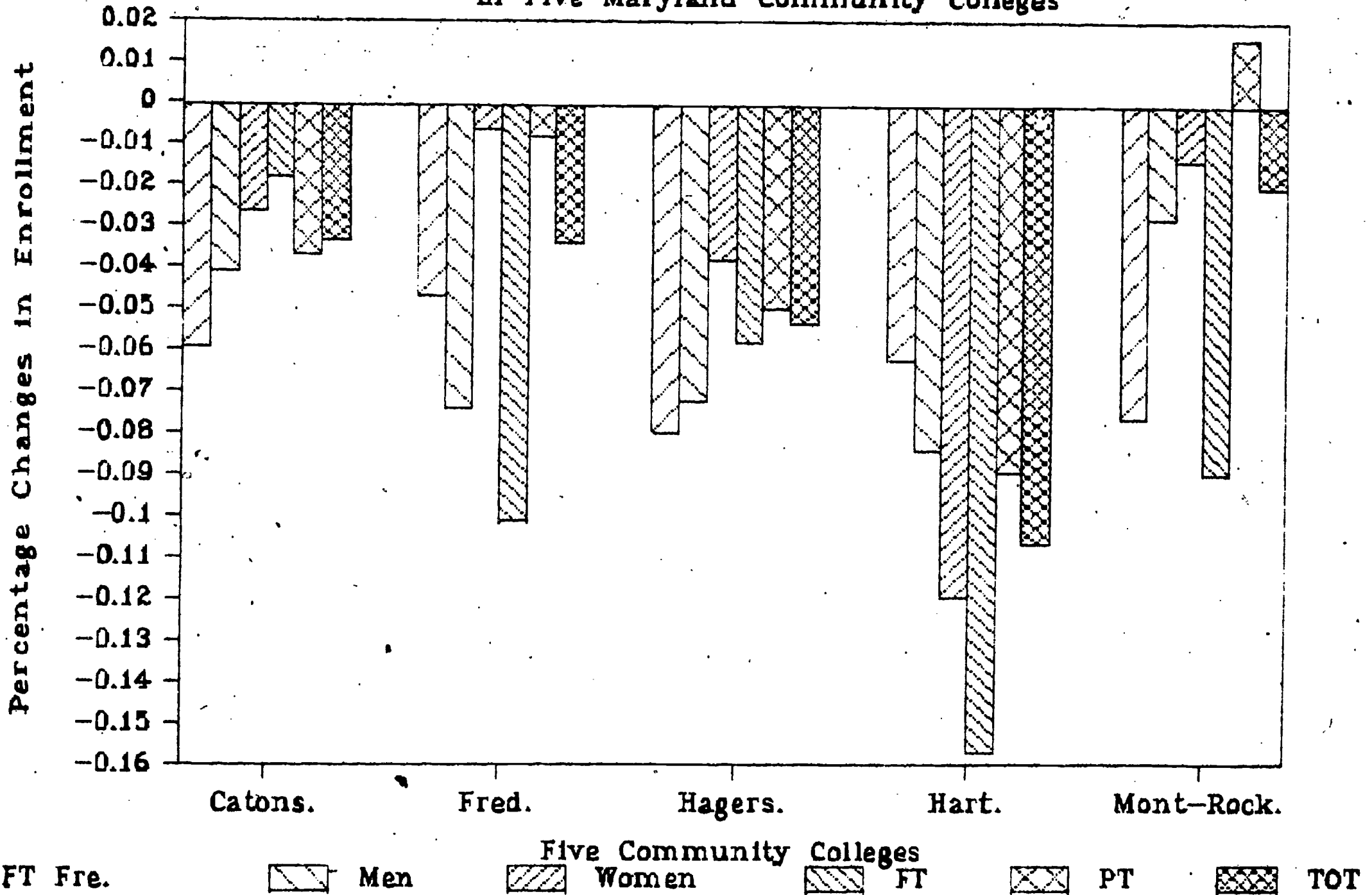


TABLE X

ENROLLMENT CHANGE PATTERNS BY PERCENTAGE  
In Five Maryland Community Colleges

College	PERCENTAGE CHANGES					
	New FT Fr	Men	Women	FT	PT	TOTAL
Catons.	-5.9%	-4.1%	-2.6%	-1.8%	-3.7%	-3.3%
Fred.	-4.7%	-7.4%	-0.6%	-10.1%	-0.8%	-3.4%
Hagers.	-8.0%	-7.2%	-3.8%	-5.8%	-5.0%	-5.3%
Harf.	-6.2%	-8.4%	-11.9%	-15.7%	-8.9%	-10.6%
Mont-Rock.	-7.6%	-2.8%	-1.4%	-9.0%	1.6%	-2.0%

## APPENDIX B

## Retention Data

## Non-Returning Students

Spring 1984

Total Number of Students to be Contacted by Telephone	1258
Number of Students Contacted	520
Percent of Students Contacted	41

-----

Number of students who attended Fall 1983 and did not return Spring 1984:

<u>Sex</u>	<u>N</u>	<u>%</u>
Male	171	(33.0)
Female	349	(67.0)
	<hr/> 520	

Racial/Ethnic Background

Unknown	29	(5.5)
Black	50	(1.0)
American Indian	2	(0.5)
Asian	11	(2.0)
Hispanic	3	(0.5)
White	412	(79.0)
Other	13	(2.5)
	<hr/> 520	



Admission Status (of students contacted)

First Time College	225	(43%)
Previous Post-Secondary	165	(32%)
Readmit	130	(25%)
	<hr/>	
	520	

Highest Degree/Certificate/Diploma Received

No Post-Secondary Degree	283	(54%)
Certificate Below Associate	7	( 1%)
Associate Degree	64	(12%)
Bachelor's	54	(10%)
Master's	16	( 3%)
Doctorate	10	( 2%)
First Professional	3	( 1%)
Other Undergraduate Certificate	1	( .5%)
Post-Baccalaureate Certificate	0	( 0 )
Advanced Graduate Certificate	0	( 0 )
First Professional Certificate	1	( .5%)
No Response	81	(16%)
	<hr/>	
	520	

Reasons for Not Returning

Personal	37	( 7%)
Financial	29	( 6%)
Health	34	( 7%)
Employed	59	(11%)
Reached educational goals & objectives	43	( 8%)
Limited course offerings	22	( 4%)
Enrolled in a four-year institution	51	(10%)
Attending another community college	16	( 3%)
Release time student	6	( 1%)
Dissatisfied with the college	12	( 2%)
Poor instructor	6	( 1%)
Schedule conflict with employment	56	(11%)
Family obligations	18	( 3%)
Relocated	20	( 4%)
Taking a break from school	34	( 7%)
Armed Services	7	( 1%)

Poor grades	4	( 1%)
Randomly taking courses	47	( 9%)
Transportation	3	( 1%)
No response	16	( 3%)
	<hr/>	
	520	

Plan to re-enroll at HCC in the Fall 1984

Yes	140	(27%)
No	229	(44%)
Undecided	120	(23%)
No response	31	( 6%)
	<hr/>	
	520	

MEBD:eaw

MAY 3 1985

ERIC Clearinghouse for Junior Colleges  
8118 Math-Sciences Building  
University of California  
Los Angeles, California 90024