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IDENTIFIERS Howard Community College MD

## ABSTRACT

This databook provides tables, charts, and graphs illustrating trends in enrollments, credit instruction and degrees awarded, continuing education, faculty, and finances at Howard Community College (HCC) in Maryland. Part 1 examines changes in enrollments and student characteristics over the past 5 to 10 years. Enrollment data are broken down by full-/part-time status, day/evening registration, minority group status, gender, age, average credit hour load, and residence. In addition, survey findings are presented concerning students' goals and reasons for selecting HCC. Part 2 focuses on credit instruction and degree programs, including data on enrollment by program type, cooperative education, programs projected for fall 1990 to fall 1994, and degrees and other formal awards granted in 1988. Survey findings are presented on students' perceptions of the quality of HCC, graduates' goal achievement, and employers' ratings of HCC graduates. After part 3 presents information on continuing education sites and enrollments, part 4 offers faculty data, including trends in ratios of full- to part-time faculty and student credit hours taken to faculty credit hours taught, and 1989 salary ranges. Finally, part 5 looks at the community's use of HCC facilities and part 6 provides data on the college's proposed operating budget for 1990, sources of revenue, projected changes in revenue sources, unmet needs for student financial aid, and tuition. (AYC)

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**Howard  
Community  
College**

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**1989-1990 INSTITUTIONAL INDICATORS  
FOR  
PROPOSED OPERATING BUDGET**

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**RESEARCH REPORT NUMBER 57  
MARCH 1989**

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1989-1990 INSTITUTIONAL INDICATORS  
FOR  
PROPOSED OPERATING BUDGET  
  
RESEARCH REPORT NUMBER 57  
  
MARCH 1989

Office of Research and Personnel  
Howard Community College  
Columbia, Maryland

(Revised 4/10/89)

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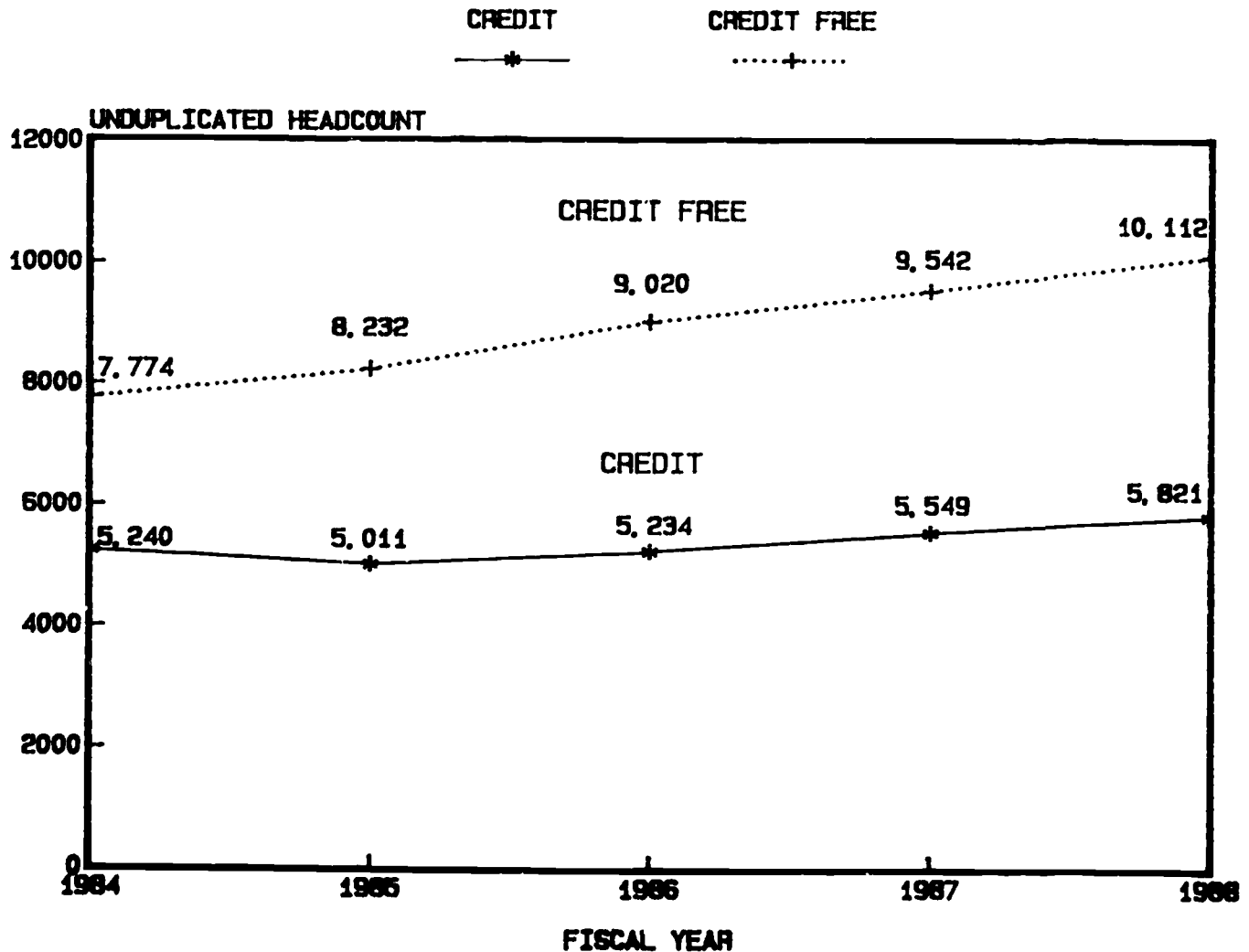
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**LIST OF RESEARCH PUBLICATIONS**

***PART ONE***  
**STUDENT CHARACTERISTICS**

CHART 1

UNDUPLICATED HEADCOUNT ENROLLMENT  
CREDIT AND CREDIT-FREE BY FISCAL YEAR



HOWARD COMMUNITY COLLEGE Office of Research & Personnel

REVISED 4/10/88

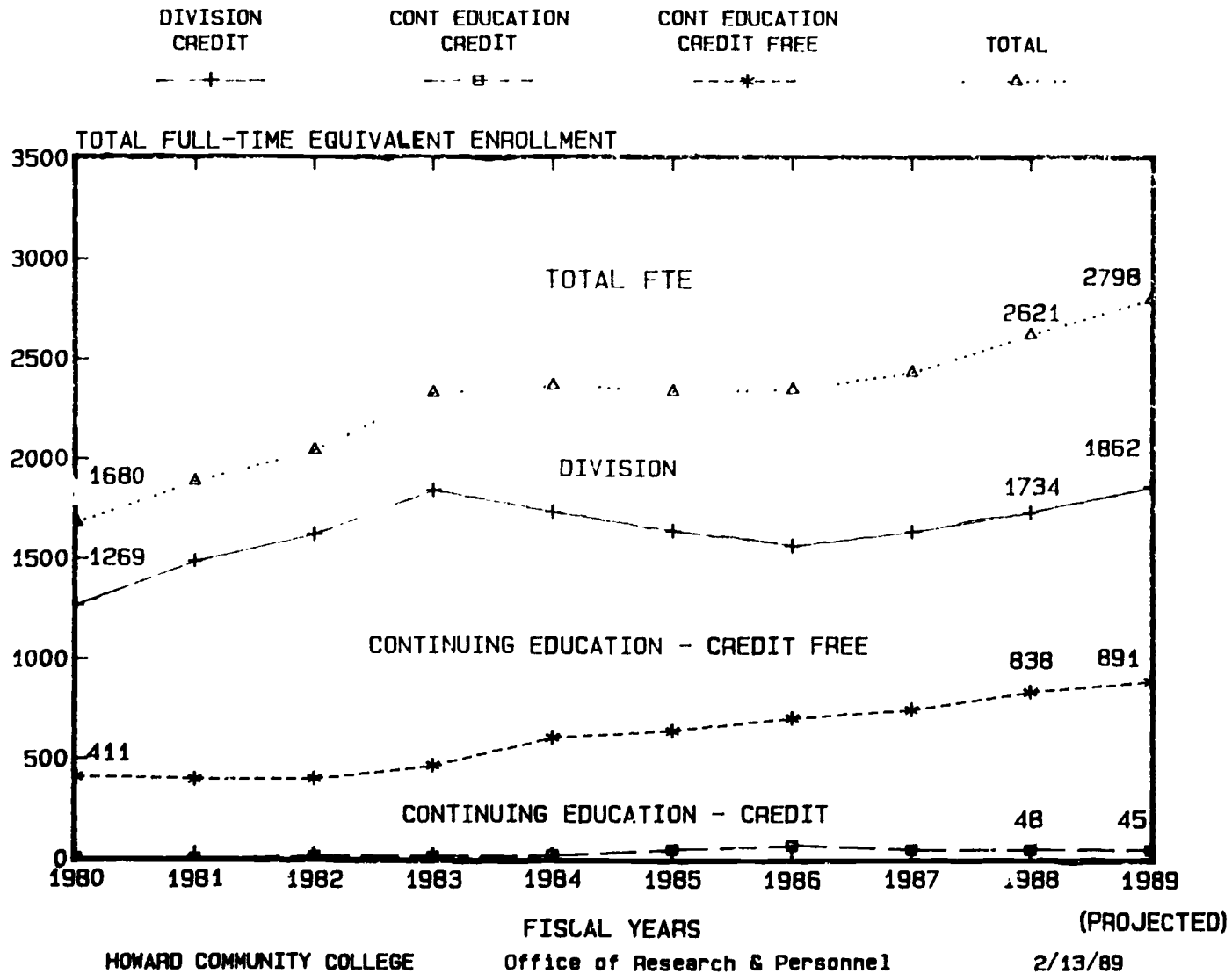
Unduplicated headcount enrollment figures are estimated for Fiscal Year 1984 through Fiscal Year 1988



# CHART 2

## TEN YEAR OVERVIEW OF HCC FTE ENROLLMENT

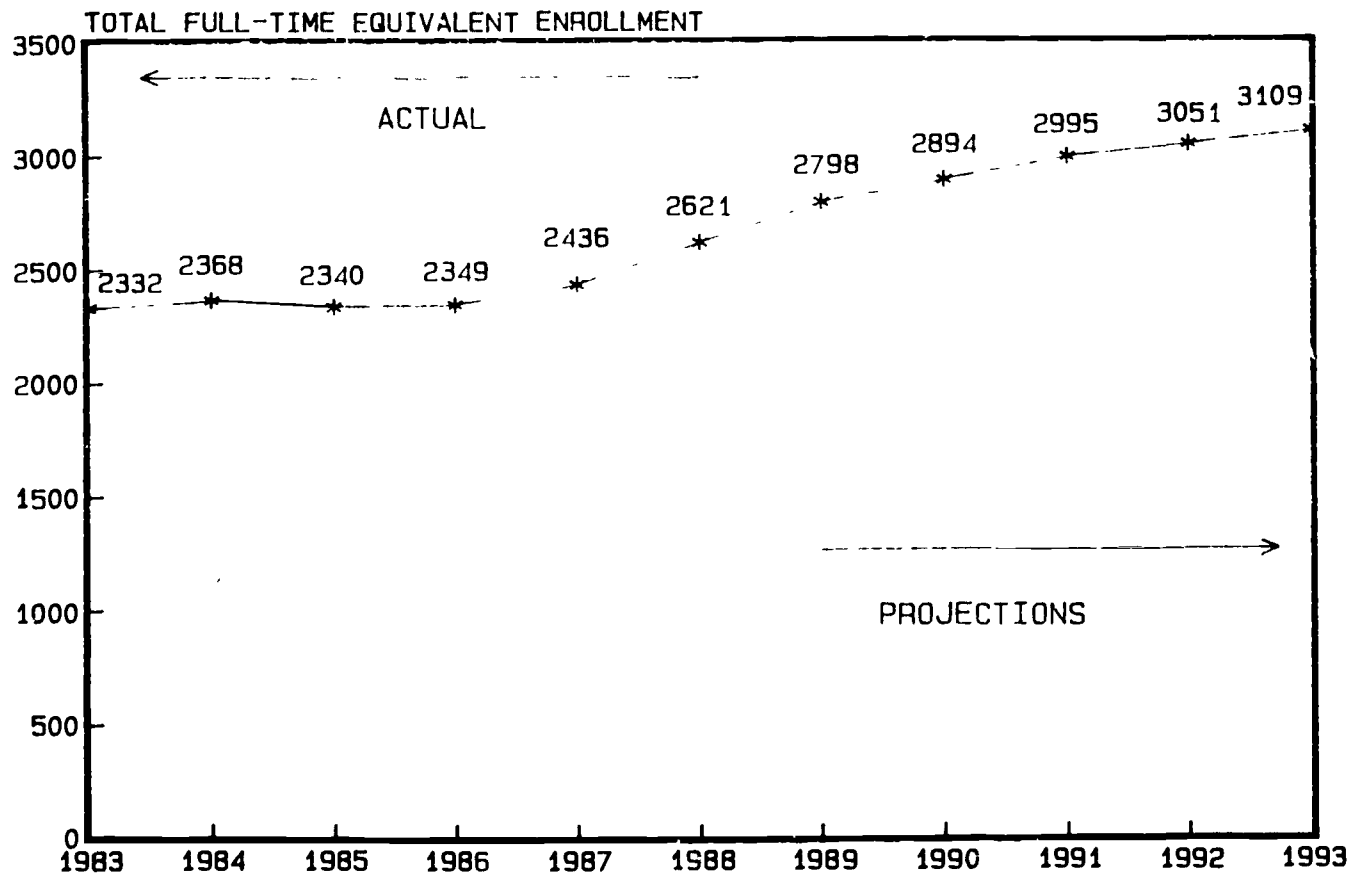
FISCAL YEAR 1980 TO FISCAL YEAR 1989



FTE = Full-Time Equivalent Enrollment. Includes only state-old eligible enrollment.

# CHART 3

## TOTAL FTE ENROLLMENTS AND PROJECTIONS FISCAL YEAR 1983 TO FISCAL YEAR 1993



HOWARD COMMUNITY COLLEGE

FISCAL YEARS

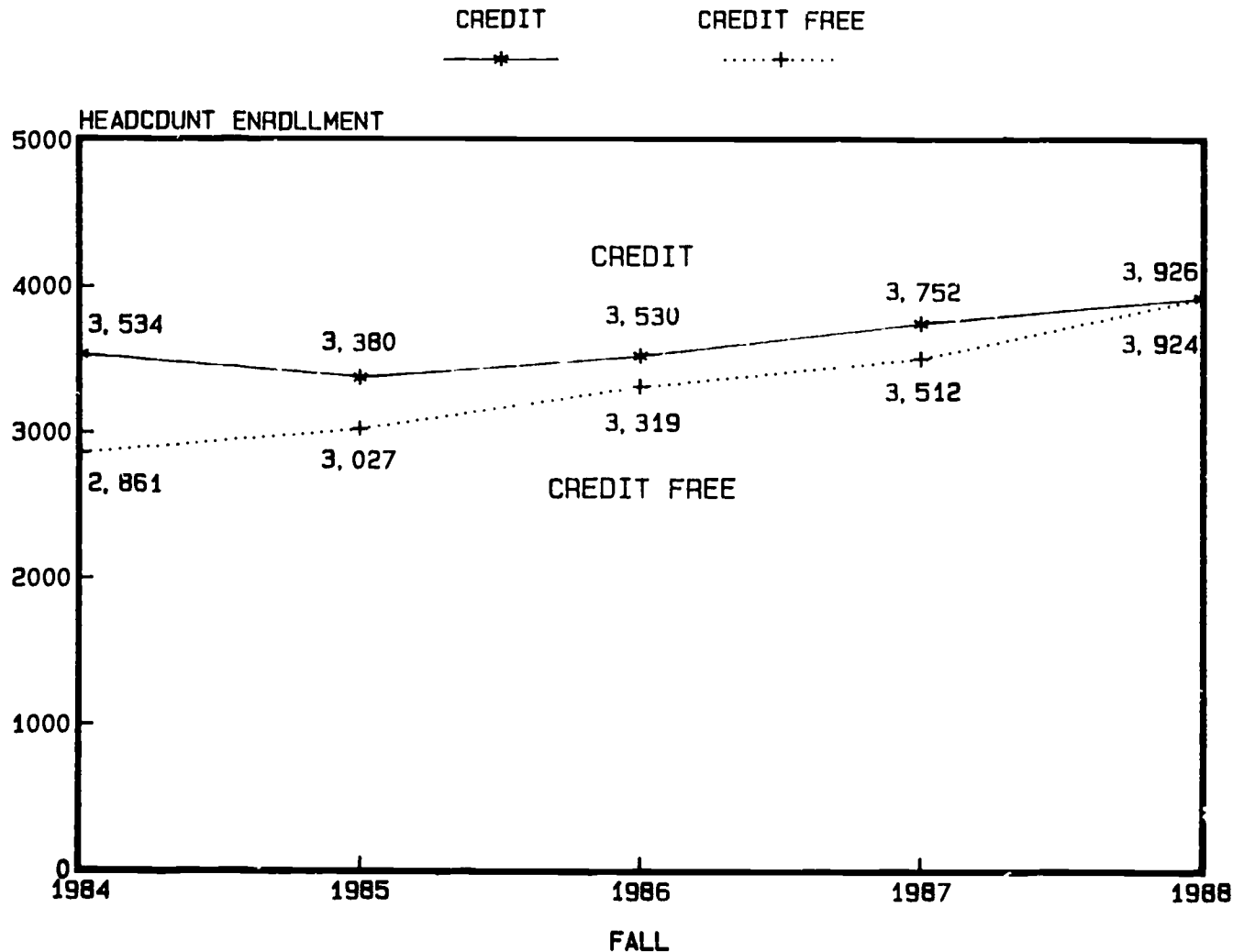
Office of Research & Personnel

1/27/89

FTE = Full-Time Equivalent Enrollment. Includes only state-old eligible enrollment.

CHART 4

FALL HEADCOUNT ENROLLMENT  
CREDIT AND CREDIT-FREE



HOWARD COMMUNITY COLLEGE

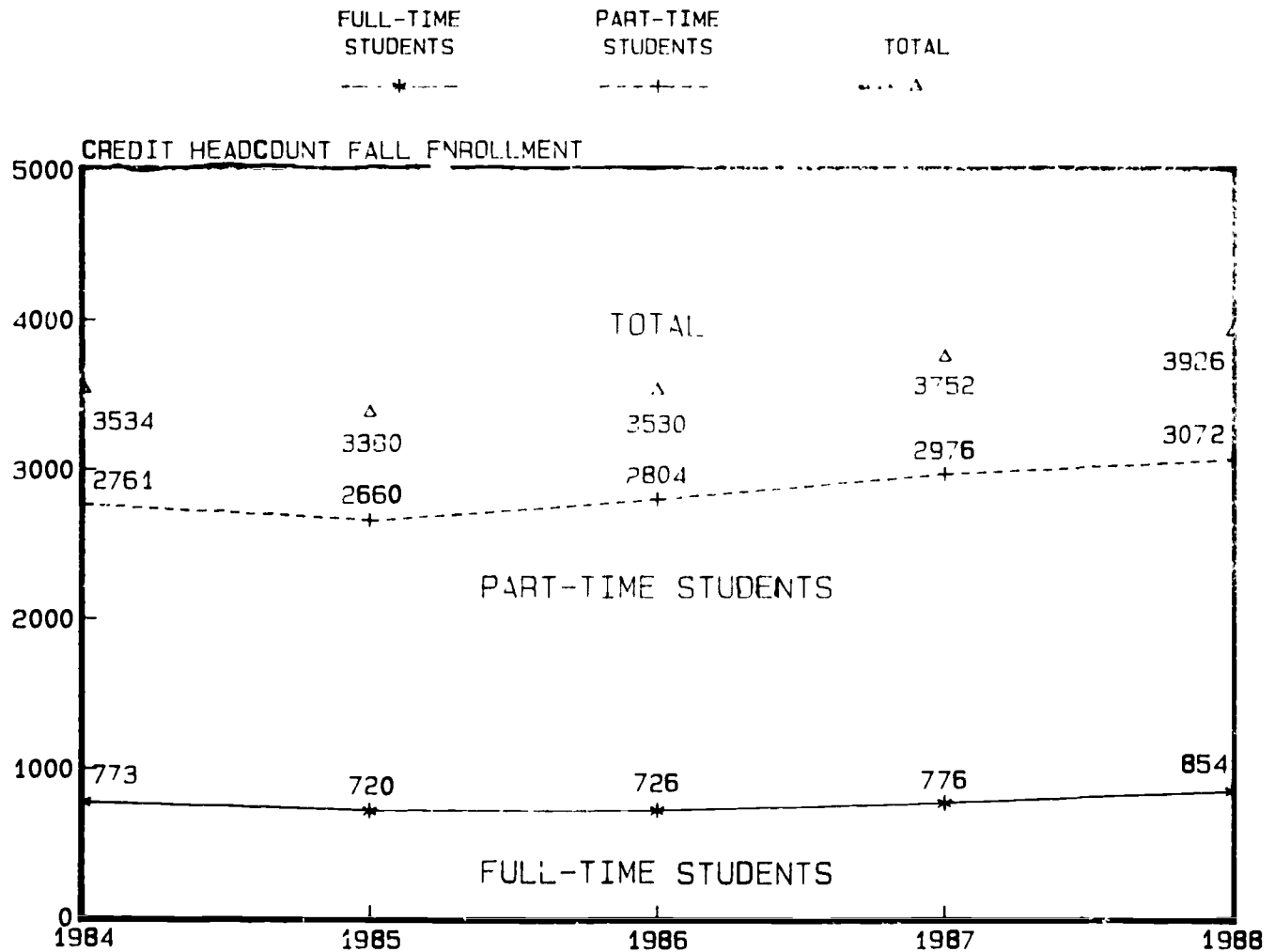
Office of Research & Personnel

3/11/89

Fall headcount enrollment for credit-free students is estimated for Fall 1984 - Fall 1988. All other figures are actual.

CHART 5

# ENROLLMENT BY FULL-TIME AND PART-TIME REGISTRATION STATUS



FALL 1984 - FALL 1988

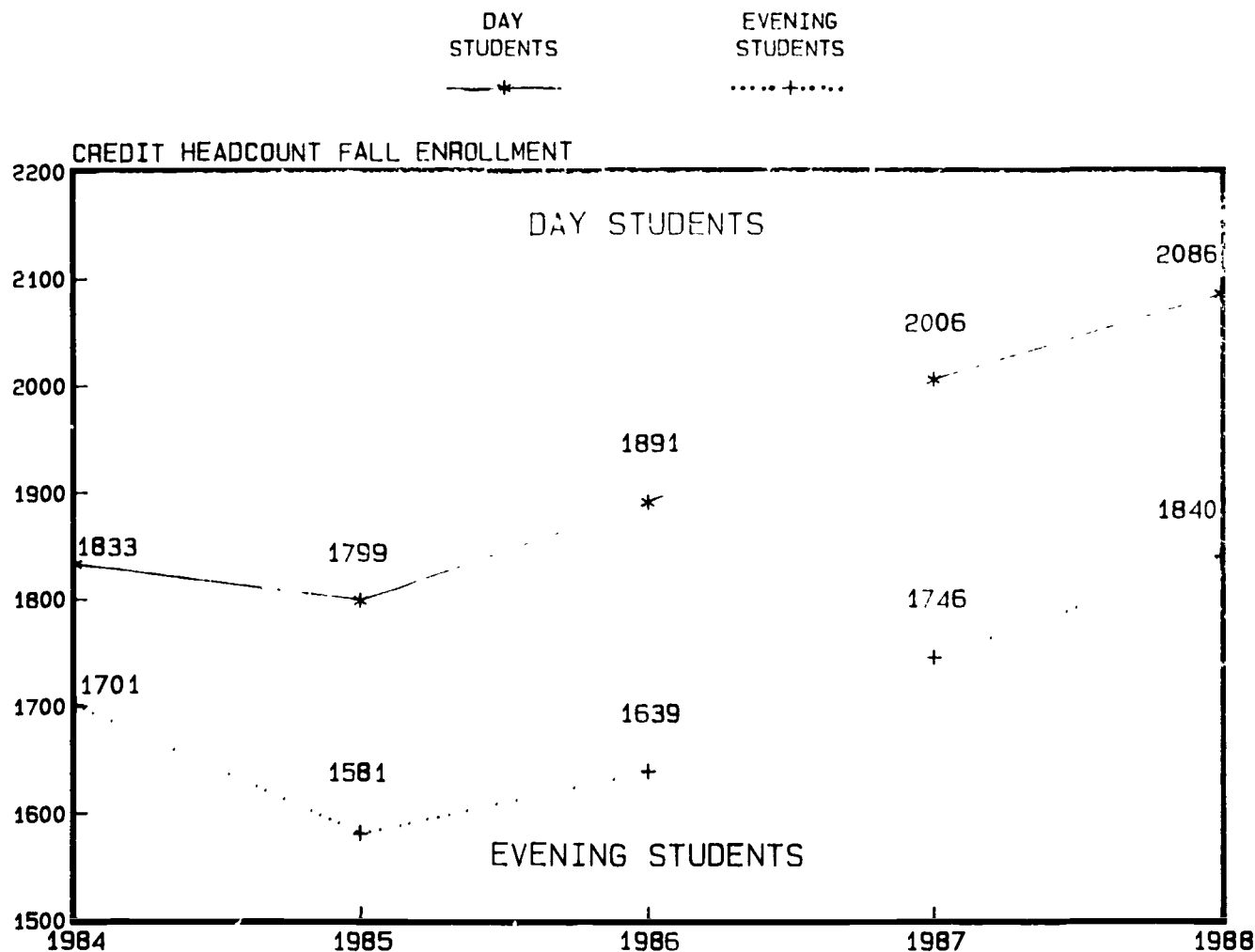
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

1/23/89

# CHART 6

## ENROLLMENT BY DAY/EVENING REGISTRATION STATUS



FALL 1984 - FALL 1988

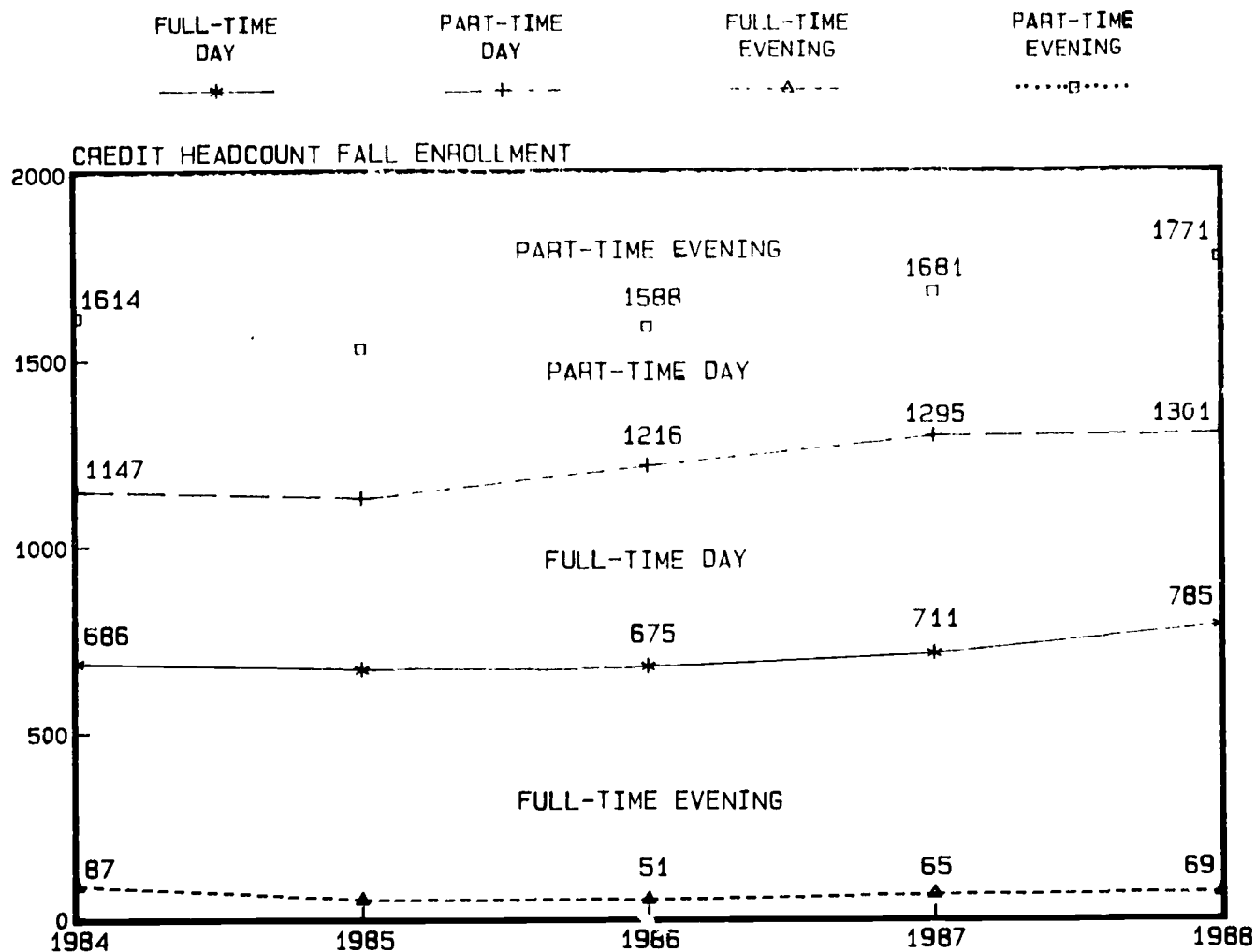
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

1/24/89

# CHART 7

## ENROLLMENT BY FULL-TIME - PART-TIME / DAY - EVENING STATUS



FALL 1984 - FALL 1988

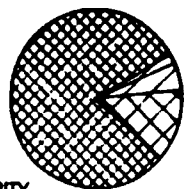
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

1/24/89

CREDIT HEADCOUNT ENROLLMENT  
FALL 1988

CHART 8



OTHER/UNKNOWN  
OTHER MINORITY  
BLACK

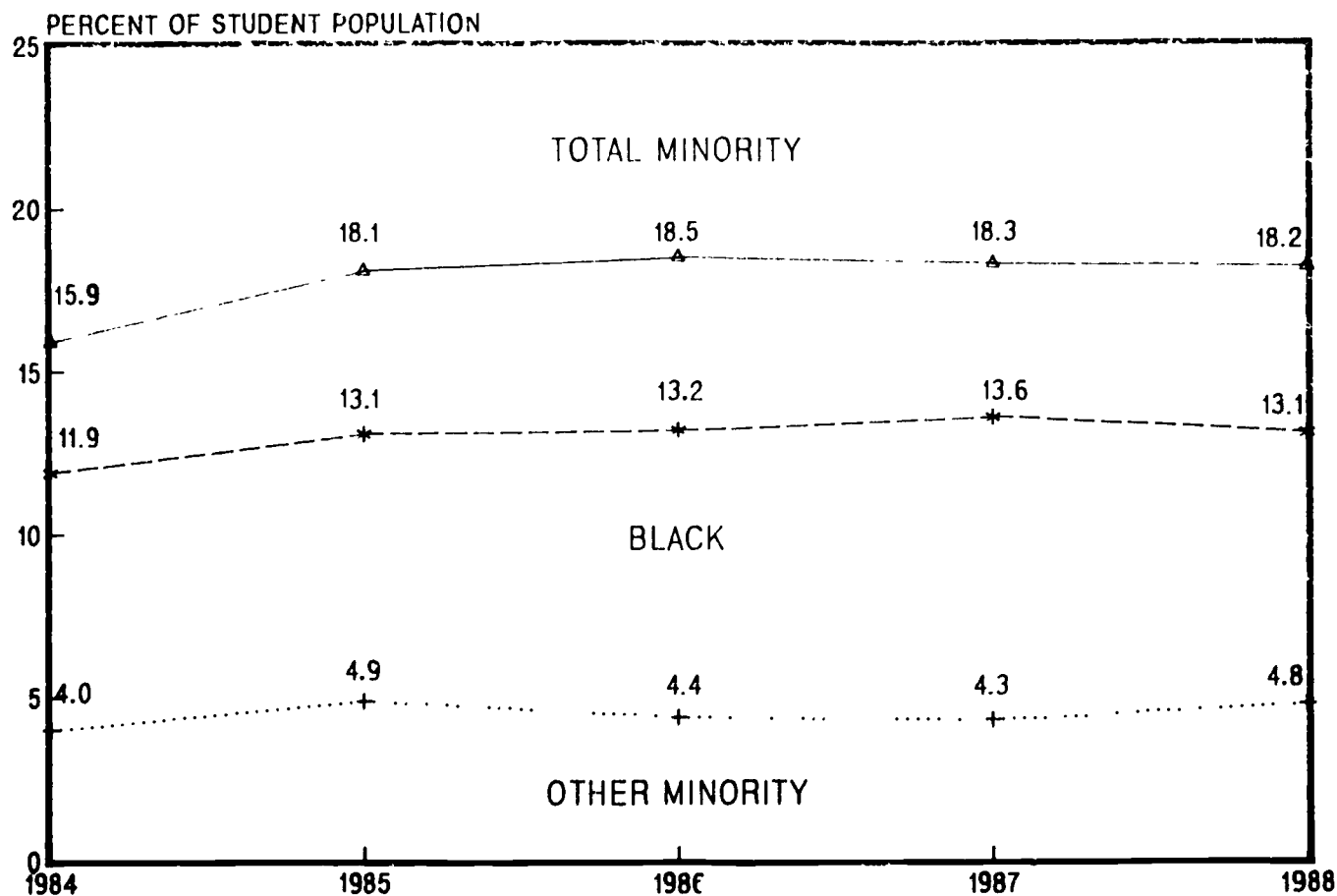
# CREDIT HEADCOUNT FALL ENROLLMENT BY MINORITY STATUS

NON-MINORITY

BLACK

OTHER  
MINORITY

TOTAL  
MINORITY



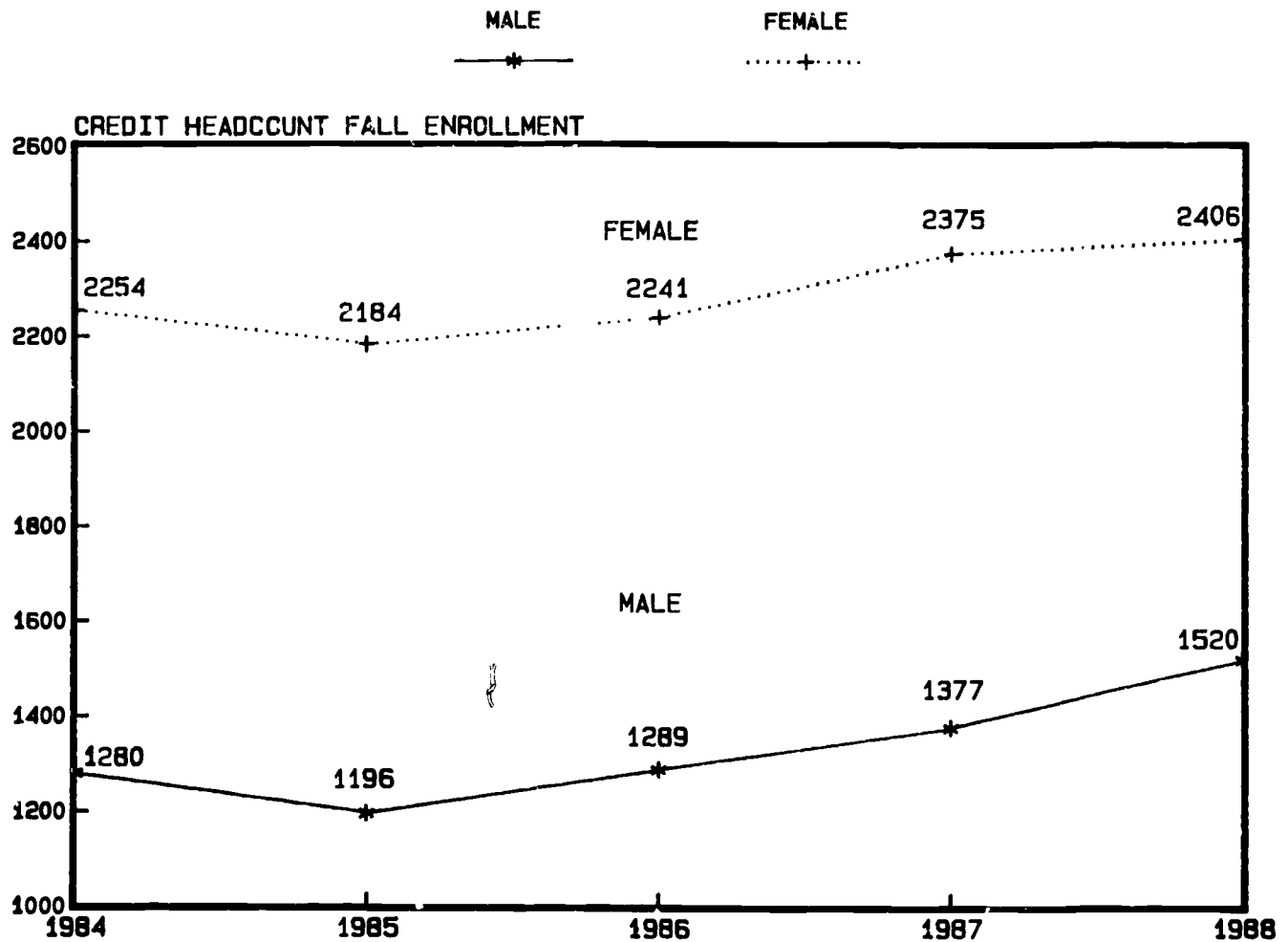
FALL 1984 - FALL 1988

HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

1/26/89

# CHART 9 ENROLLMENT BY GENDER



FALL 1984 TO FALL 1988

HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/13/89



NON-TRADITIONAL  
AGE

74%



FALL 1988  
ENROLLMENT

TRADITIONAL  
AGE 26%

# CHART 10 ENROLLMENT BY AGE GROUP

20 AND YOUNGER

21 TO 30

31 TO 40

41 AND OLDER

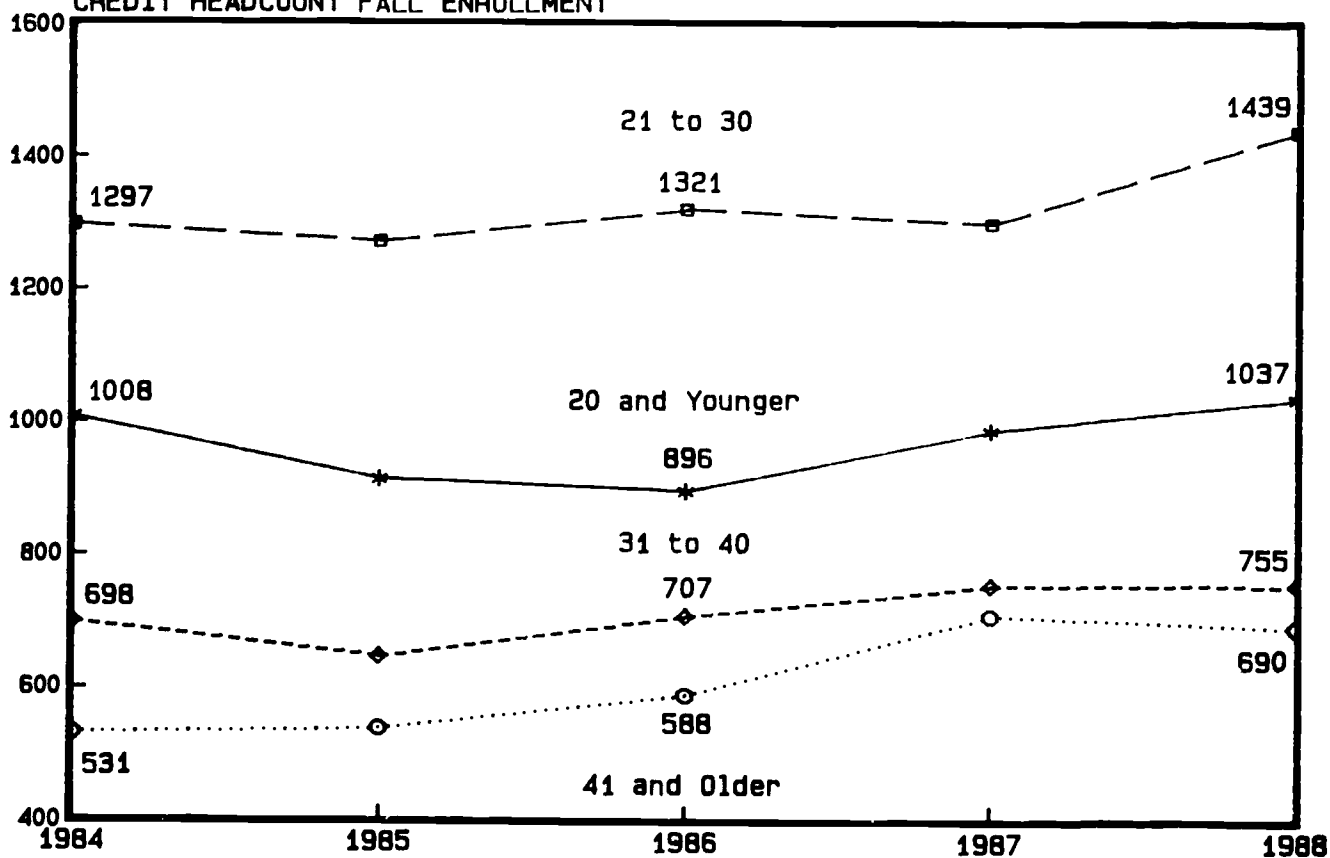
—\*—

—□—

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.....○.....

CREDIT HEADCOUNT FALL ENROLLMENT



FALL 1984 - FALL 1988

HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/13/89

Traditional Age = 20 Years and Younger  
Non-Traditional Age = 21 Years and Older

# CHART 11 AVERAGE CREDIT HOUR LOAD

PART-TIME  
STUDENTS

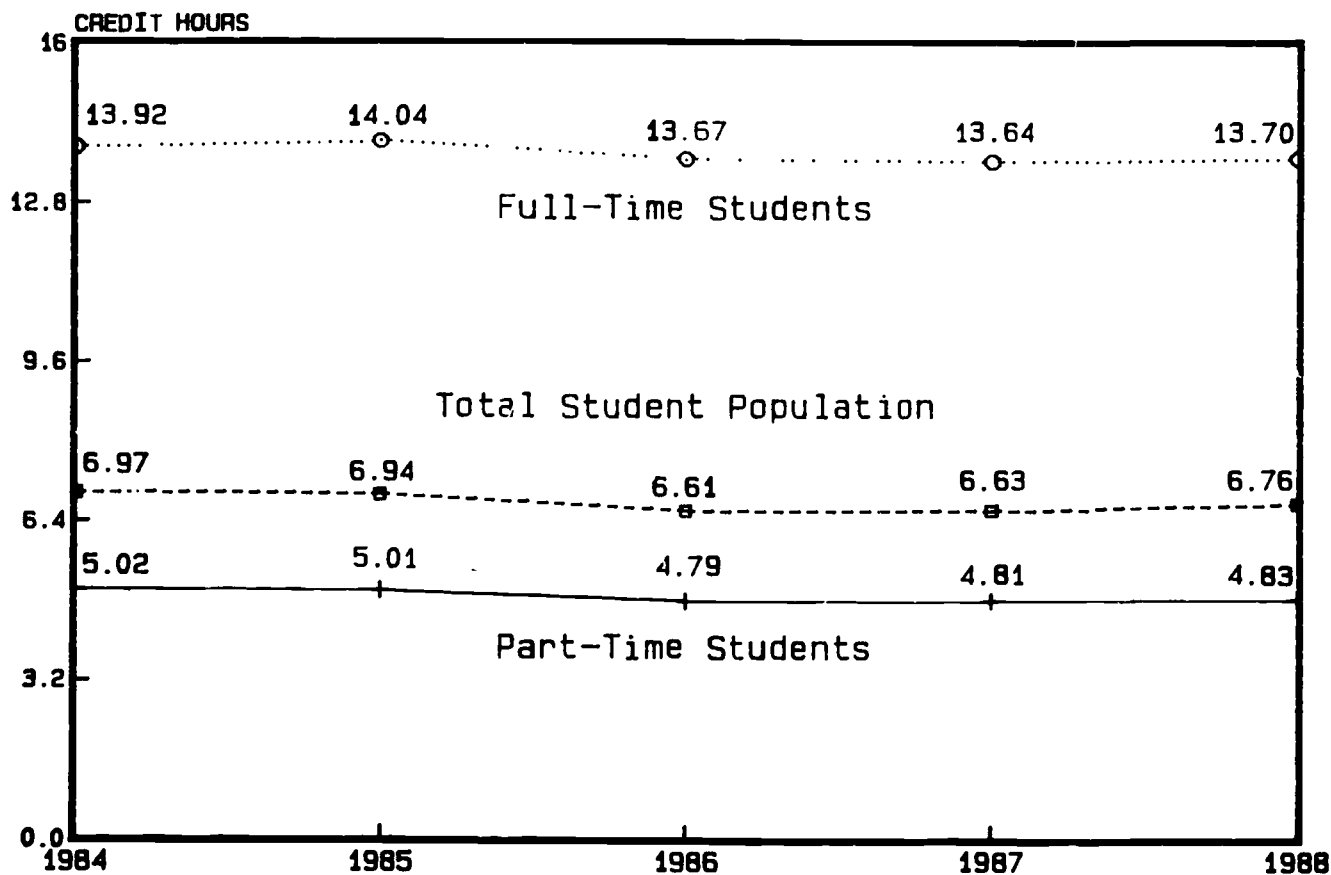
ALL STUDENTS

FULL-TIME  
STUDENTS

—+—

- - -■- - -

.....○.....



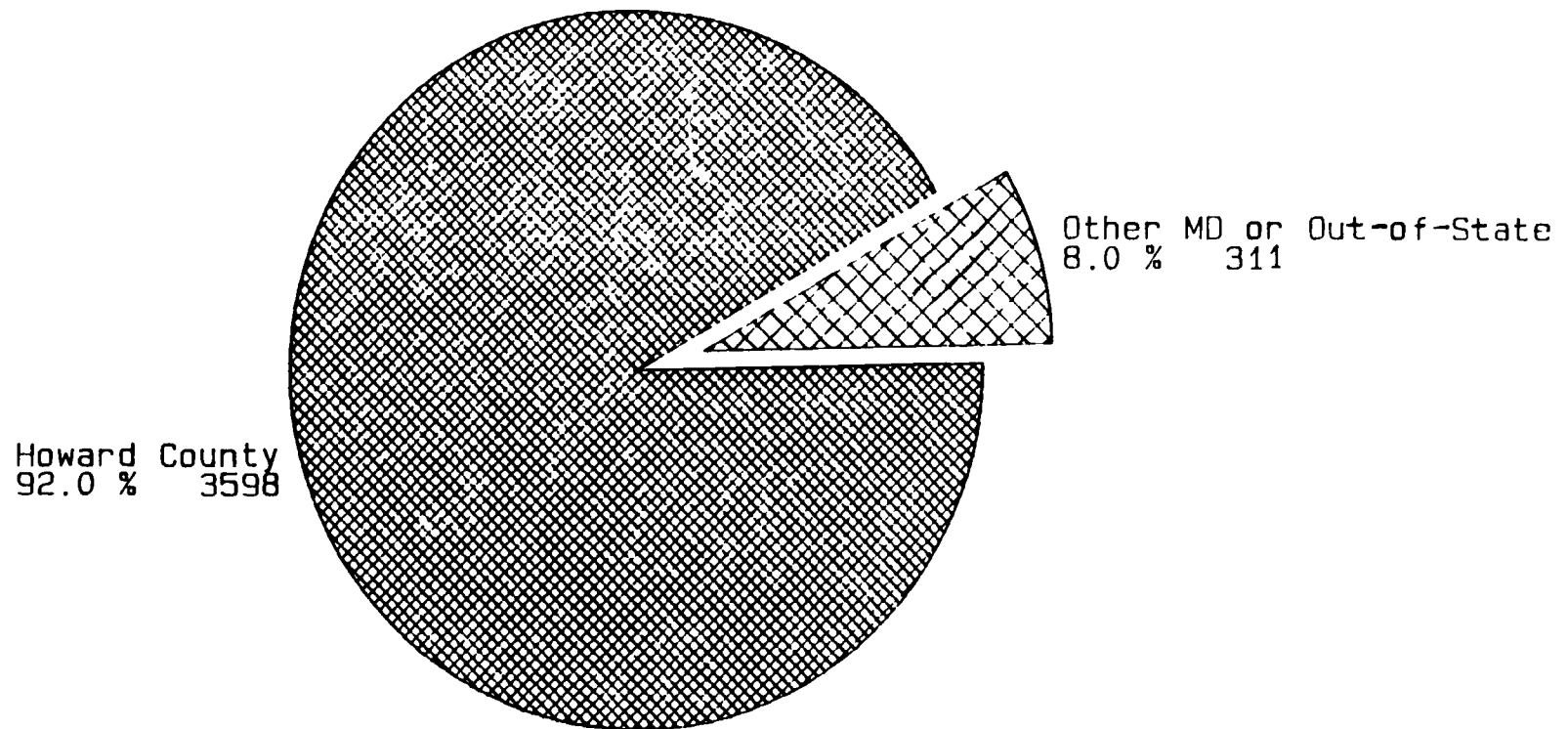
FALL 1984 - FALL 1988

HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/14/89

CHART 12  
ENROLLMENT\* BY RESIDENCE  
FALL 1988



Fall 1988 Residence Pattern is Representative  
of Historical Student Population at HCC.

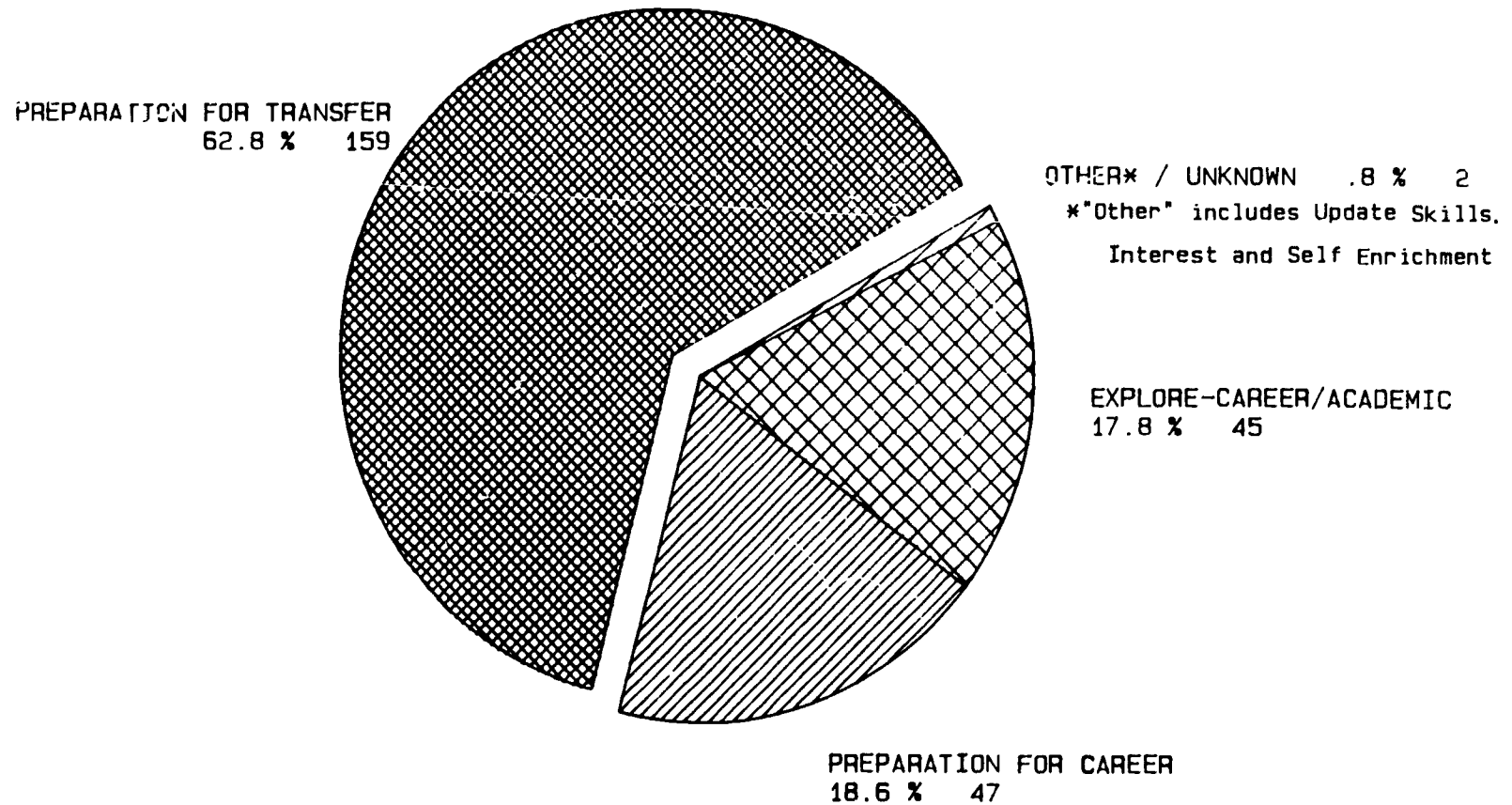
\* Credit Headcount Enrollment

HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

1/26/89

CHART 13  
 PERSONAL GOAL UPON ENTERING HCC  
 RATING BY ALL FY87 GRADUATES



from Follow-up of 1987 Graduates Research Report

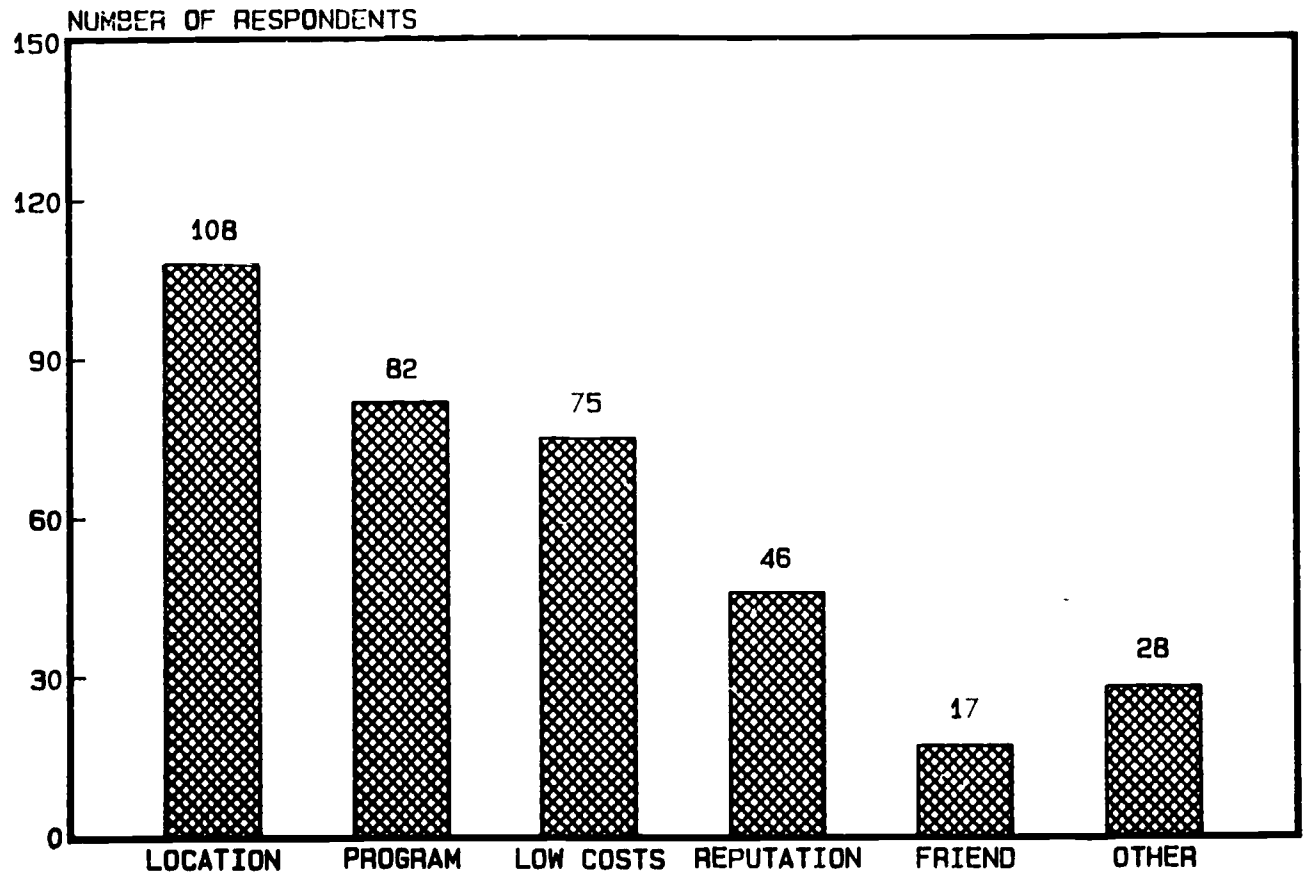
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

2/14/89

CHART 14

REASONS FOR SELECTING HCC  
RATING BY FY87 RESPONDENTS TO FOLLOW-UP SURVEY



From Follow-up of 1987 Graduates Research Report

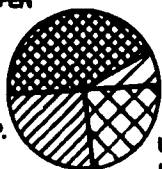
HOWARD COMMUNITY COLLEGE

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TRANSFER

OCCUP.



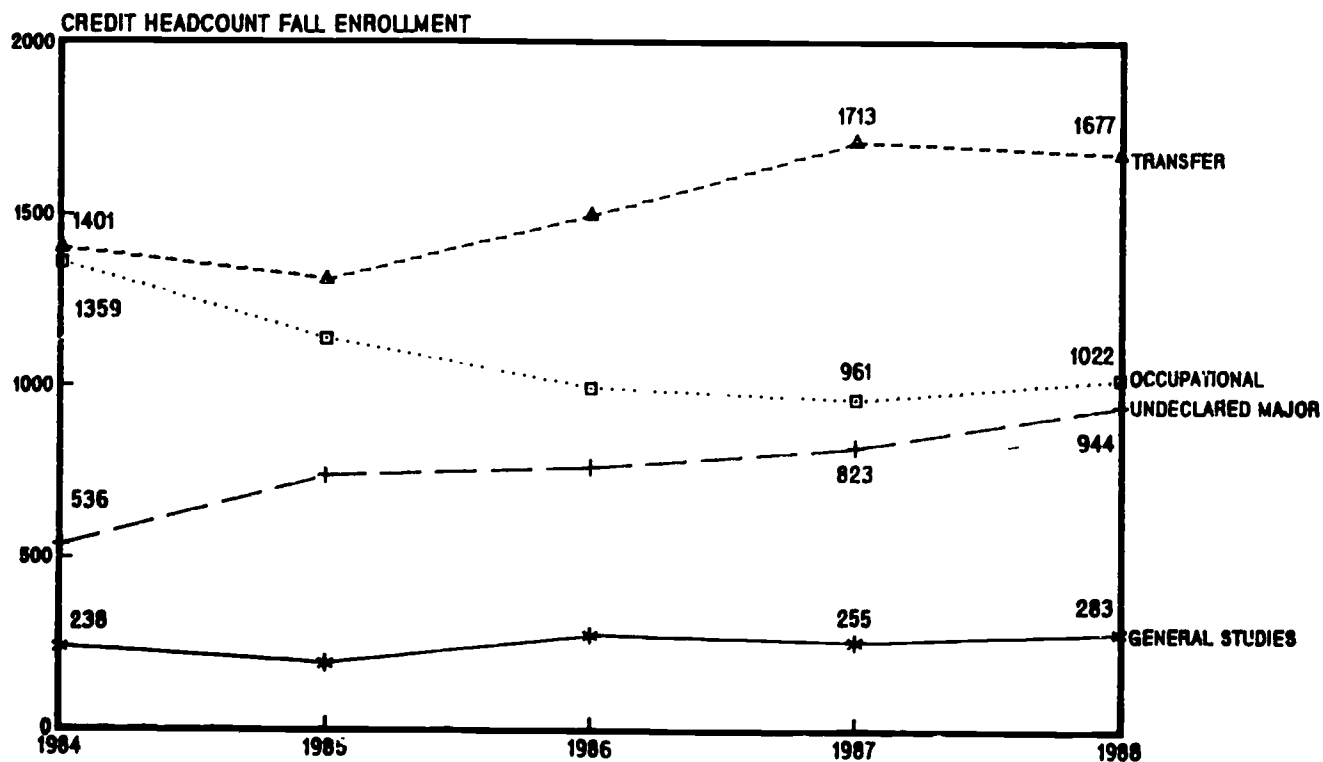
GENERAL

UNDECLARED  
MAJOR

FALL 1988

CHART 15

## ENROLLMENT BY PROGRAM TYPE

GENERAL  
STUDIESUNDECLARED  
MAJORTRANSFER  
PROGRAMSOCCUPATIONAL  
PROGRAMS

FALL 1984 - FALL 1988

HOWARD COMMUNITY COLLEGE

Office of Research &amp; Personnel

3/14/89

***PART TWO***  
**CREDIT INSTRUCTION AND DEGREES**

**CHART 16**  
**PROGRAM ENROLLMENT**  
**FALL 1984 - FALL 1988**

**CREDIT HEADCOUNT ENROLLMENT**

	FALL 1984	FALL 1985	FALL 1986	FALL 1987	FALL 1988
TRANSFER PROGRAMS	Total	Total	Total	Total	Total
Arts & Sciences	485	484	510	588	596
Business Admin.	527	499	589	691	607
Computer Sciences	216	137	180	162	152
Engineering	113	110	127	146	134
Teacher Education	60	80	92	126	188
<b>TOTAL TRANSFER PROGRAMS</b>	<b>1,401</b>	<b>1,310</b>	<b>1,498</b>	<b>1,713</b>	<b>1,677</b>

**OCCUPATIONAL PROGRAMS**

Accounting	160	153	150	130	155
Biomedical Engrg. Tech.	44	36	26	21	32
Business Mgmt.	178	180	176	176	190
Computer Tech.	23	18	33	33	59
Const. Tech.\Carpentry	38	30	10	26	27
Data Processing	226	188	134	109	72
Develop. Disab.	~	4	4	12	13
Electronics Tech.	94	56	56	76	68
Housing Mgmt.	2	1	*	*	*
Nursing	308	293	237	215	256
Office Automation	*	22**	17	*	*
Plant Science	36	30	19	24	20
Retailing	3	5	10	9	7
Sec. Science	139	99	108	116	117
Vision Care	48	23	14	14	6
<b>TOTAL OCCUPATIONAL PROGRAMS</b>	<b>1,359</b>	<b>1,138</b>	<b>994</b>	<b>961</b>	<b>1,022</b>

General Studies	238	192	274	255	283
Undeclared Major	536	740	764	823	944

<b>TOTAL/ALL PROGRAMS</b>	<b>3,534</b>	<b>3,380</b>	<b>3,530</b>	<b>3,752</b>	<b>3,926</b>
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\* Curriculum not offered

\*\* Previously included under Secretarial Science

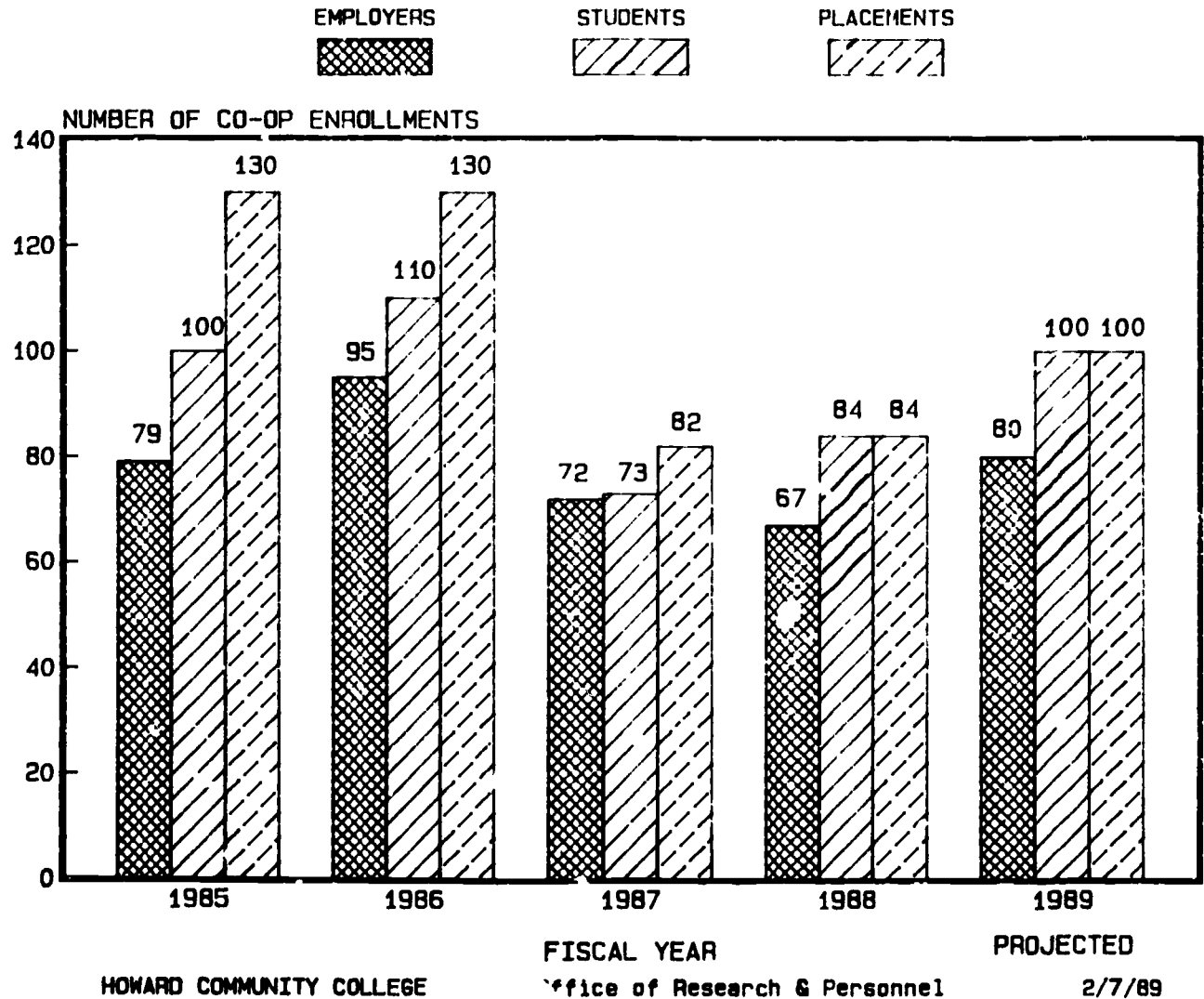
Howard Community College  
Office of Research & Personnel



CHART 17

# COOPERATIVE EDUCATION

Fiscal Years 1985 - 1989



## PROJECTED INSTRUCTIONAL PROGRAMS

Howard Community College

Fall 1990

Manufacturing Systems Technology	AA/Certificate
Photography	AA/Certificate
Sports Fitness	AA
Telecommunications Management	AA

Fall 1991

Biotechnology	AA
Criminal Justice	AA
Health Education	AA
Hospitality Management	AA/Certificate

Fall 1992

Chemical Dependency	AA/Certificate
Hazardous waste Management Technology	AA/Certificate
Stage Technician	Certificate

Fall 1993

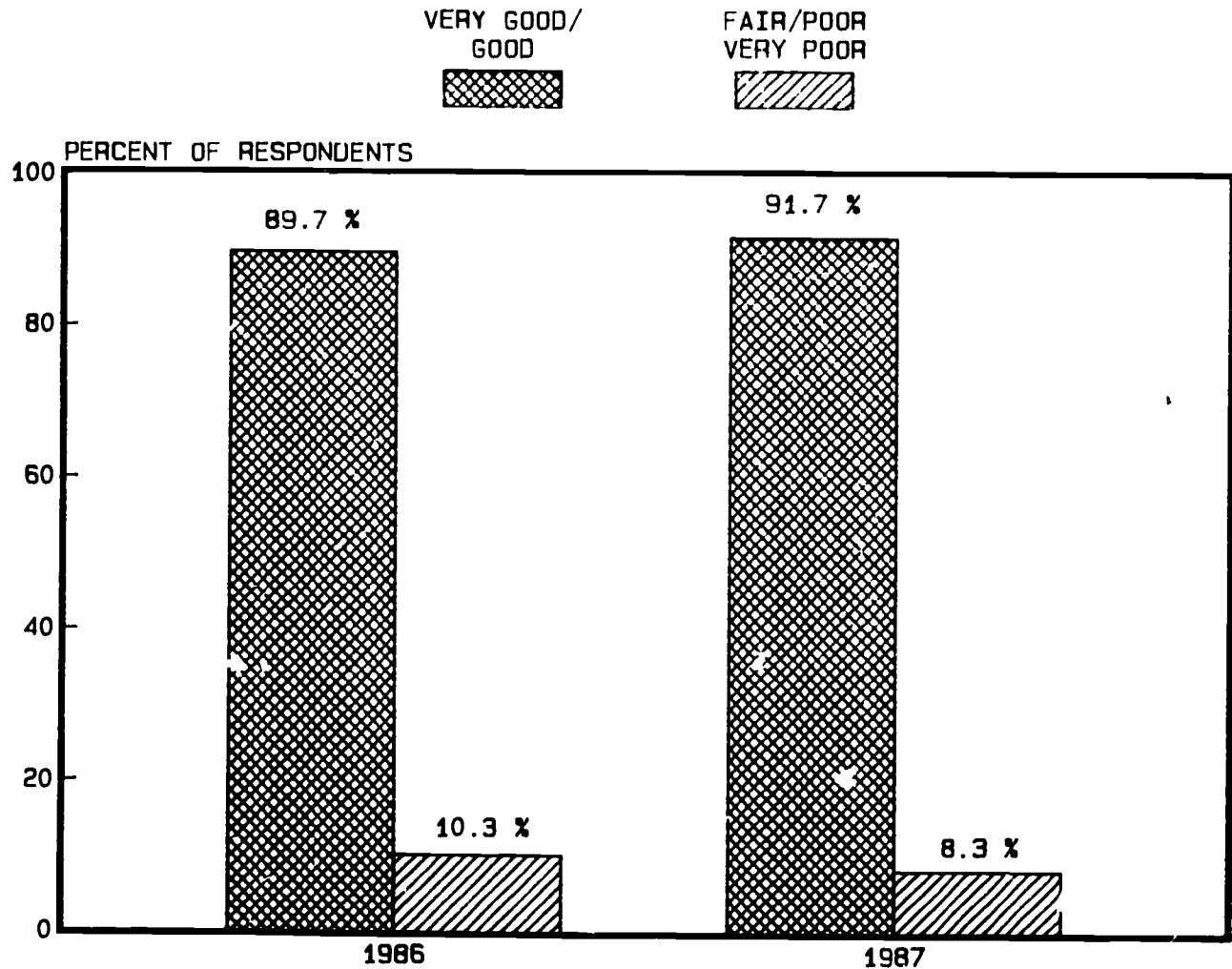
Dance	AA
Industrial Optics Technology	AA
Mass Communication	AA

Fall 1994

Fire Service Technology	AA/Certificate
Journalism	AA

CHART 19

OVERALL QUALITY OF HOWARD COMMUNITY COLLEGE<sup>F</sup>  
RATING BY RESPONDENTS TO FOLLOW-UP SURVEY



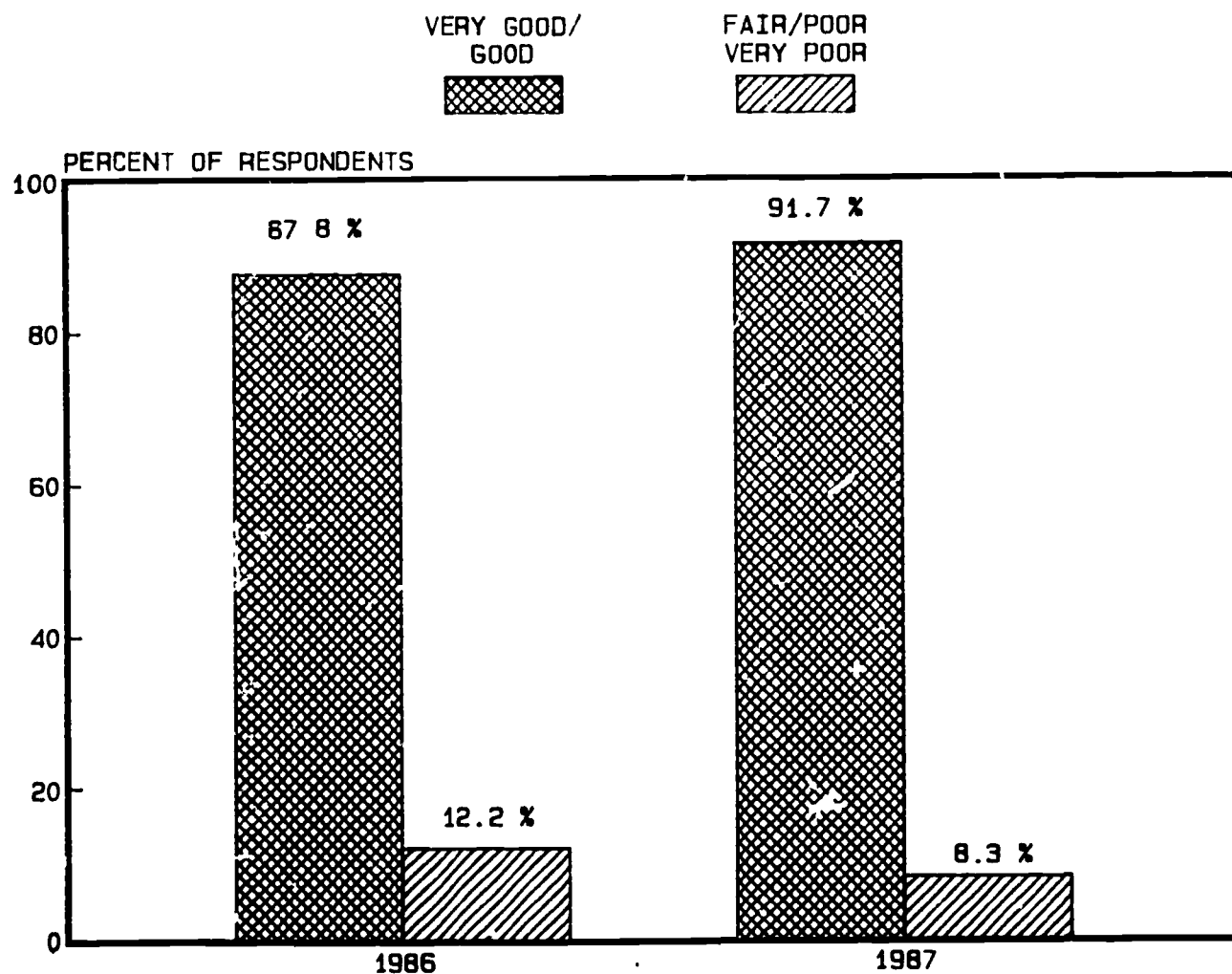
HOWARD COMMUNITY COLLEGE

YEAR  
Office of Research & Personnel

3/8/89

CHART 20

QUALITY OF INSTRUCTION  
RATING BY RESPONDENTS TO FOLLOW-UP SURVEY



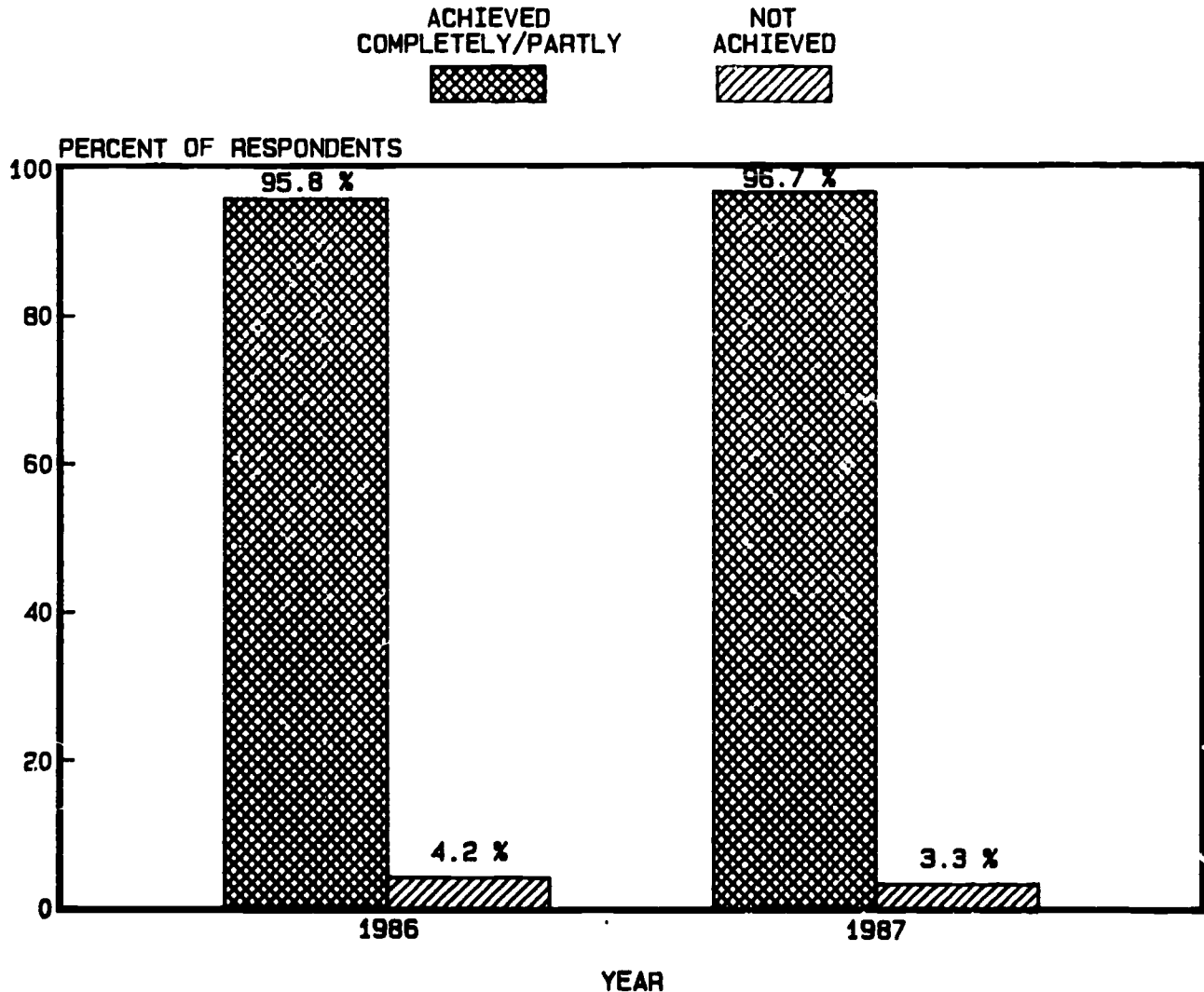
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/8/89

CHART 21

ACHIEVEMENT OF GRADUATES' MOST IMPORTANT GOAL  
RATING BY RESPONDENTS TO FOLLOW-UP SURVEY



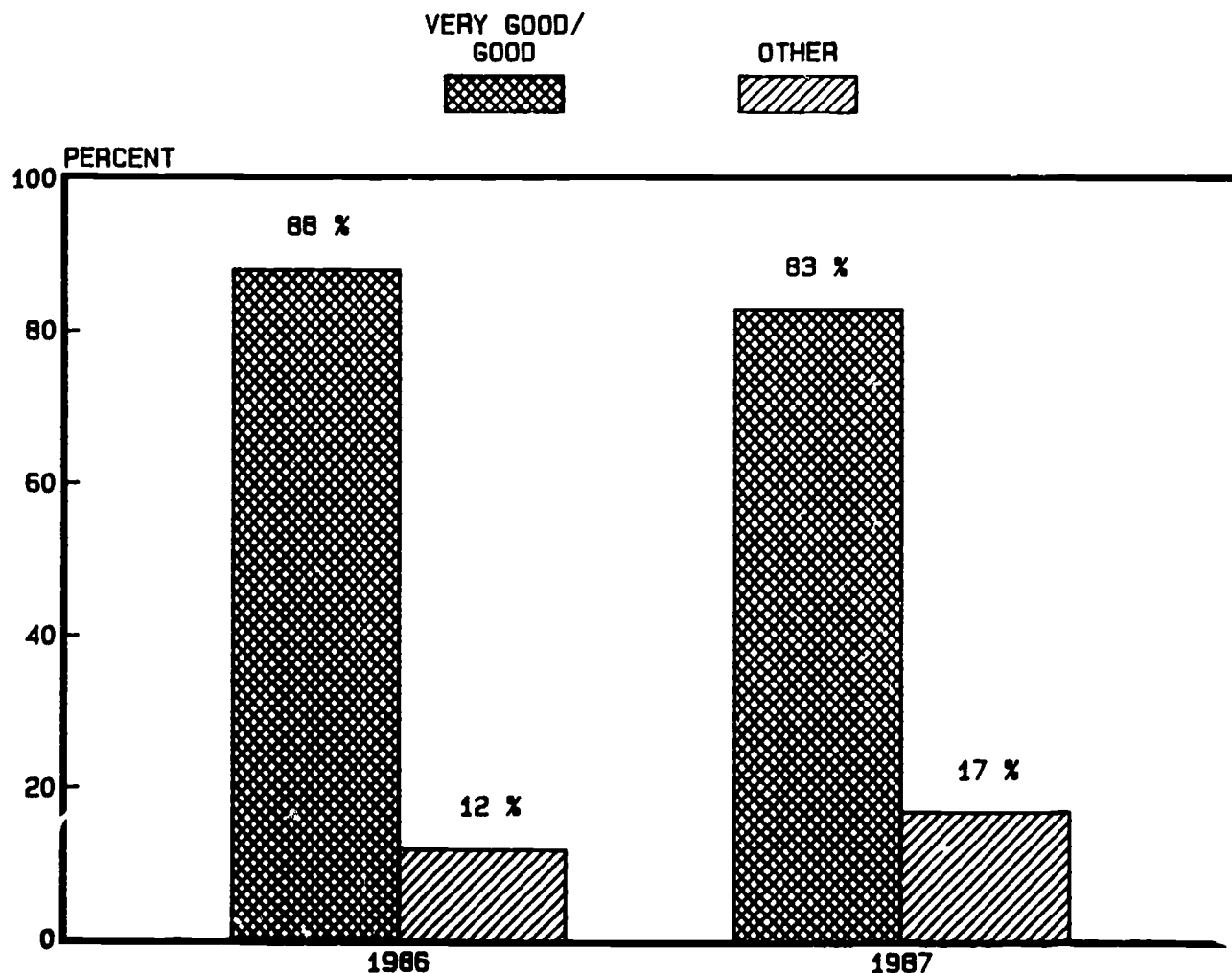
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

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CHART 22

HCC PREPARATION OF GRADUATES  
RATING BY RESPONDENTS TO EMPLOYER FOLLOW-UP SURVEY



From Employer Follow-up Studies of Graduates

HOWARD COMMUNITY COLLEGE

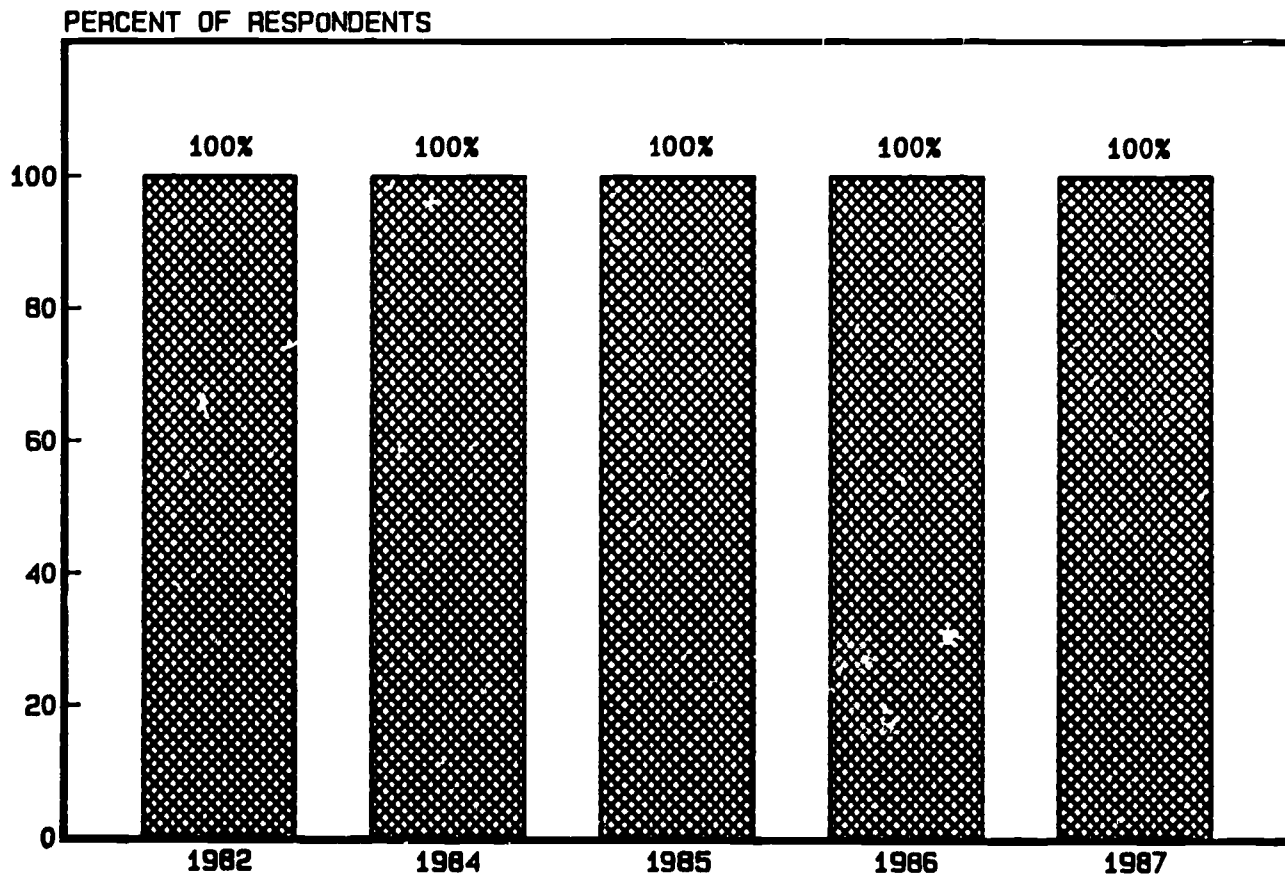
YEAR

Office of Research & Personnel

3/12/89

# CHART 23

## WILLINGNESS TO HIRE ANOTHER HCC GRADUATE RATING BY RESPONDENTS TO EMPLOYER FOLLOW-UP SURVEY



From Employer Follow-up Studies of Graduates  
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/14/89

# CHART 24

## SUMMARY OF DEGREES AND OTHER FORMAL AWARDS MARYLAND COMMUNITY COLLEGES FISCAL YEAR 1988

College	Certificates (Less than Two-Year)	TOTAL AA Degrees Awarded	Transfer AA Degrees	Career AA Degrees	Career AA Degrees by Program Area					
					Business Technology	Data Processing	Health Services	Mechanical & Engineering	Natural Science	Public Service
Allegany	95	388	122	266	72	10	132	24	11	17
Anne Arundel	115	652	424	228	90	22	69	23	0	24
Baltimore	55	528	182	346	89	17	115	13	6	106
Catonsville	253	635	347	288	69	59	87	51	0	22
Cecil	33	79	21	58	29	4	17	6	0	2
Charles	83	285	171	114	40	37	37	0	0	0
Chesapeake	88	84	51	33	17	7	3	5	0	1
Dundalk	121	185	90	95	22	11	5	20	0	37
Essex	45	669	425	244	45	34	107	24	0	34
Frederick	23	243	178	65	22	4	26	8	0	5
Garrett	5	44	38	6	3	0	0	1	2	0
Hagerstown	2	282	176	106	32	10	40	12	0	12
Harford	85	353	182	171	55	17	54	21	8	16
Howard	48	226	126	100	31	13	47	9	0	0
Montgomery	163	760	314	446	160	99	107	51	0	29
Prince George's	82	802	244	558	243	86	121	33	0	75
Wor-Wic Tech	18	106	2	104	44	2	49	0	0	9
TOTAL	1,314	6,321	3,093	3,228	1,063	432	1,016	301	27	389
Percent of Total AA Degrees		100%	49%	51%	33%	13%	32%	9%	1%	12%

AA = Associate in Arts

Source: Degree Information System



***PART THREE***  
**CONTINUING EDUCATION**

## OFFICE OF CONTINUING EDUCATION

## HOWARD COMMUNITY COLLEGE

The next three tables refer to continuing education which includes the following four areas:

## I. LIFELONG LEARNING

Offers lifelong learning opportunities through courses designed to address the personal and professional needs of Howard County adults. Courses are held at HCC, in various public schools and in learning centers throughout Howard County. Content ranges from career alternatives and vocational/technical development through historical/cultural explorations and languages to personal development. New options include International Education and a Weekend College featuring credit and credit-free courses.

## II. BASIC SKILLS/FOREIGN-BORN PROGRAMMING

Offers free or low-cost classes to Howard County adults (16 years or older) which emphasize reading, mathematics, social and communication skills. Special classes (English as a Second Language) are available for foreign-born individuals who wish to improve vernacular English.

## III. CAREER PROGRAMS AND COMMUNITY DEVELOPMENT

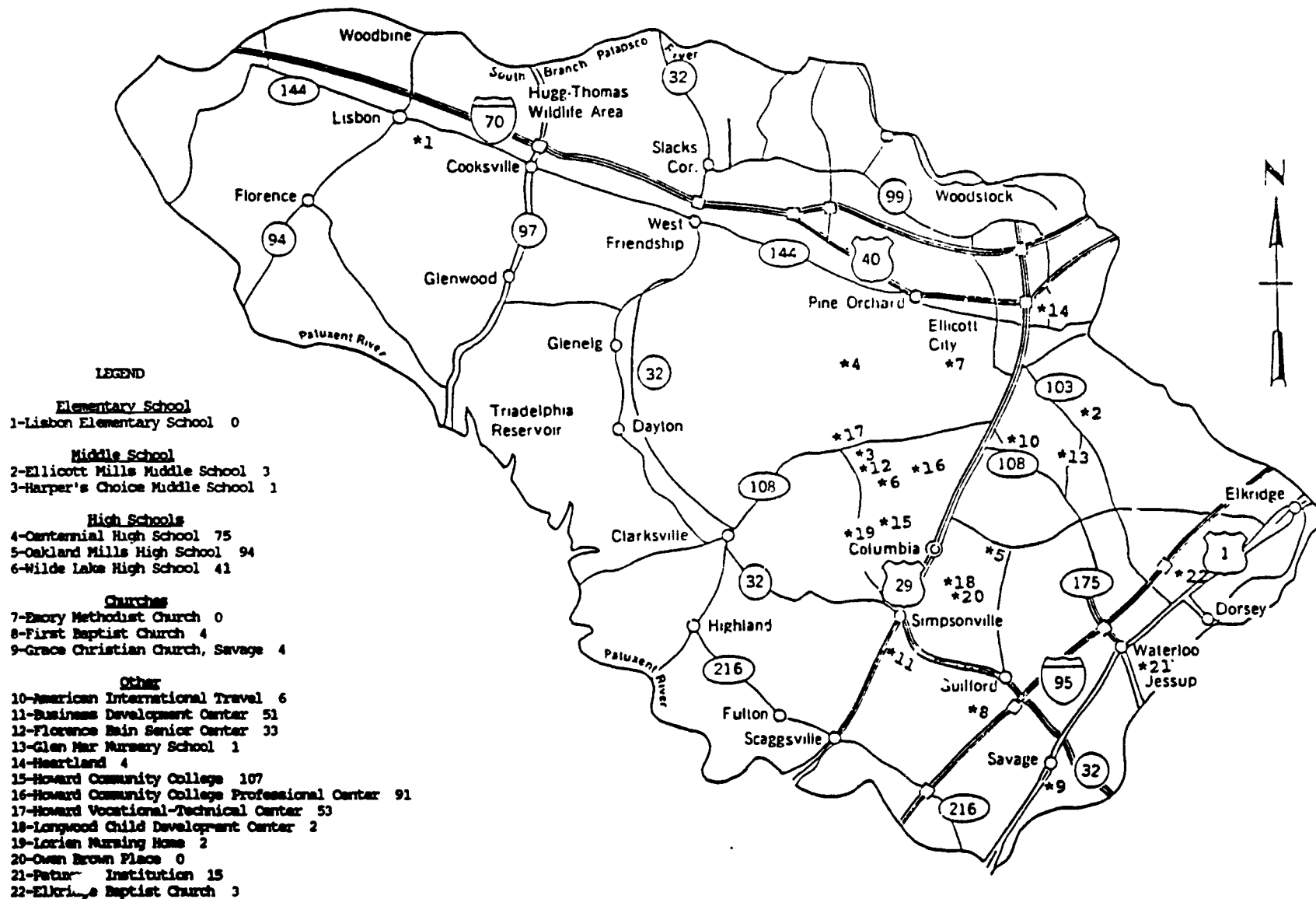
This continuing education area includes credit-free courses for real estate, police, nurses, allied health and food service personnel, seniors, professional updates, initial licensure and certification, plus health concerns of the general public. Continuing Education Units (CEU's) are provided for those who need them to maintain a license or employment. Co-sponsorship and course development with institutions, organizations and agencies are expanding areas of growth.

## IV. BUSINESS AND INDUSTRY

The Office of Business and Industry designs and offers courses -- both credit and credit-free for the businesses in Howard County. Courses for specific businesses are scheduled at sites and times convenient to their employees, and instructors tailor content to fit corporate needs. In addition, the office co-sponsors the Small Business Training Center with the Chamber of Commerce, offers one-day sessions, and also conducts a series of high technology short courses. A "Schedule of Courses for Business and Industry," distributed to all businesses in the county twice a year, describes these as well as the current business topics also taught through this office.

# CHART 25

## CONTINUING EDUCATION SITES IN HOWARD COUNTY

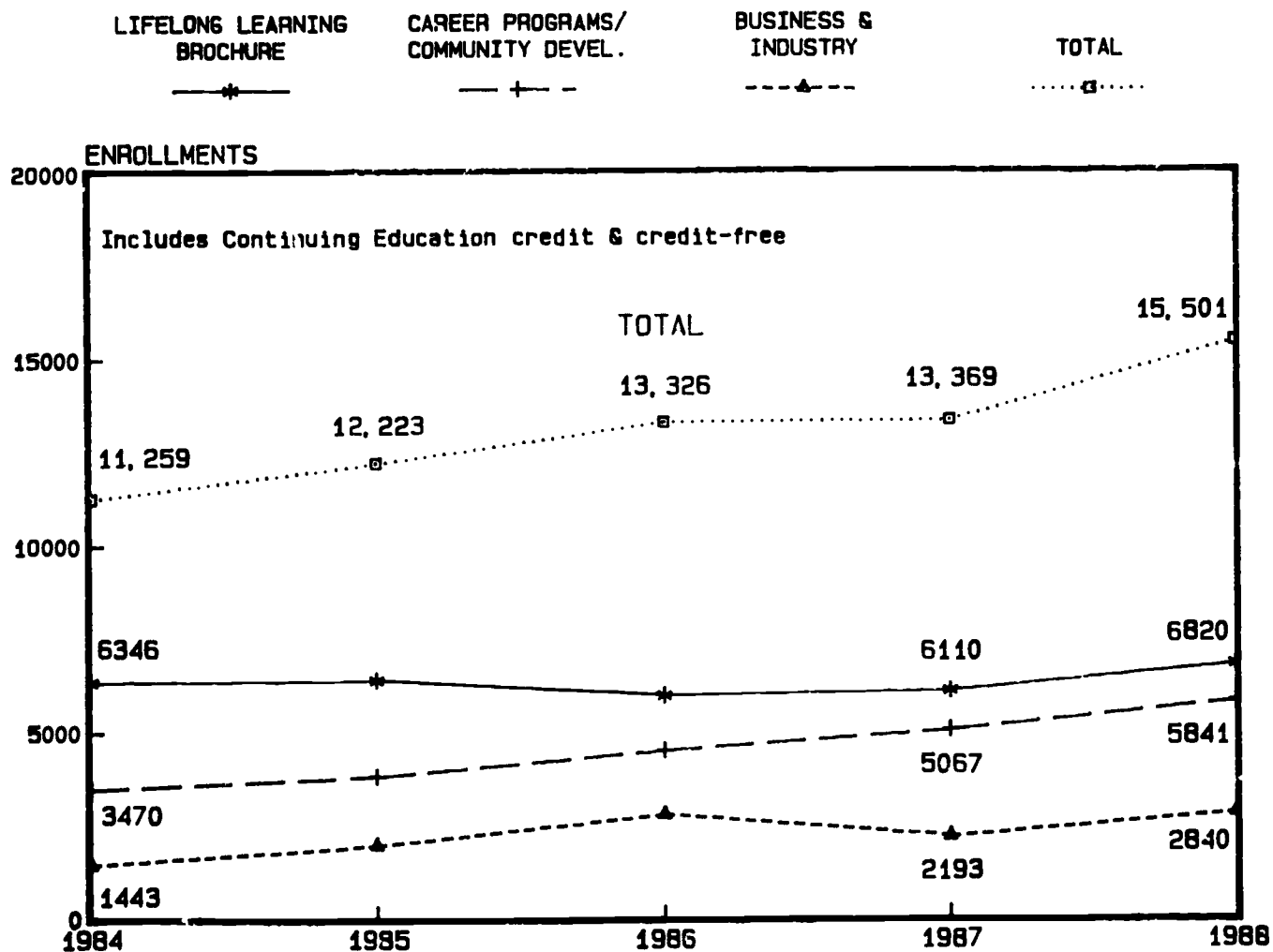


The numbers listed to the right of the site locations indicate the number of courses held annually.  
 In the few instances where this number is zero, increased enrollments are expected in the future at these sites.

CHART 26

# CONTINUING EDUCATION ENROLLMENTS

Fiscal Year 1984 - Fiscal Year 1988



HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

2/27/89

***PART FOUR***

**FACULTY**

# CHART 27

## FULL-TIME VS. PART-TIME FACULTY TEACHING

	A	B	C	D	E	F	G	H	I
	FT Faculty Ratio	FT Faculty Ratio Based On Lab/Lecture Variance Paid Credit Taught	PT Faculty Ratio	PT Faculty Ratio Based On Lab/Lecture Variance Paid Credit Taught	Total Credit Hours	Total Credit Hours Based On Lab/Lecture Variance Paid Credit Taught	SCH	S/F Stud./Fac. Ratio	S/PC Stud./Fac Ratio Based On Lab/Lect. Variance Pd. Cowl. Taught
FY 89	47.79%	39.55%	73.03%	60.45%	2407	2908.17	47705	19.82%	16.40%
Projected FY 90	41.67%	35.15%	76.22%	64.65%	2592	3056	51129	19.73%	16.73%

NOTES: Figures are derived from both major semesters Fall & Spring.

SS:8/89

Columns A, C and H reflect ratios derived on actual credit offerings and actual faculty teaching load. Columns B, D and I demonstrate ratios that have been adjusted to reflect lab and lecture variance in payment.

Column A Full Time Faculty Ratio  
This reflects the percentage of credit hours taught by full time faculty.

Total credit hours taught at HCC divided by total credits taught by full time faculty.

Column B Full Time Faculty Ratio - Paid Credits  
This reflects the percentage of "paid" credits hours taught by full time faculty.

Total credit hours based on lab/lecture variance paid credit hours taught divided by total paid credits taught by full time faculty

Column C Part-time Faculty Ratio  
This reflects the percentage of credit hours taught by part-time faculty

Total credit hours taught at HCC divided by total credits taught by part-time faculty.

Column D Part-time Faculty Ratio - Paid Credits  
This reflects the percentage of "paid" credit hours taught by part-time faculty.

Total credit hours based on lab/lecture variance Paid credit taught divided by total paid credits taught by full time faculty.

Column E Total Credit Hours  
This represents the total credit hours offered at HCC.

Column F Total Credit Hours Based on Lab/Lecture Variance Paid Credit Taught  
This represents how many credit hours the budget pays for in order to offer Column E.

Column G SCH  
This reflects student credit hours generated.

Column H S/F Student/Faculty Ratio  
This reflects the student/faculty ratio.

Total SCH is divided by total credit hours taught.

Column I S/PC Student/Faculty Ratio Based on Lab/Lecture Variance Paid Credit Taught  
This reflects the student/faculty ratio based on the "Paid" credit hours.

Total SCH divided by total "Paid" credit hours.

# CHART 28

## STUDENT CREDIT HOURS-FACULTY TAUGHT HOURS MARYLAND COMMUNITY COLLEGES FISCAL YEARS 1984 - 1988

<u>College</u>	<u>FY 1984</u>	<u>FY 1985</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
Allegany	21.0	19.6	19.1	18.2	19.5
Anne Arundel	21.0	19.0	19.5	20.5	22.0
Baltimore	22.3	21.3	20.1	18.6	18.2
Catonsville	22.3	20.8	21.9	21.0	20.5
Cecil	14.8	15.5	14.7	15.1	14.6
Charles	17.7	18.1	15.9	16.4	13.8
Chesapeake	19.2	19.3	19.5	19.3	19.1
Dundalk	18.5	16.8	15.8	15.3	15.9
Essex	18.7	18.7	18.6	18.1	18.5
Frederick	17.3	15.9	16.1	15.9	16.2
Garrett	10.6	12.6	10.9	11.5	11.2
Hagerstown	19.3	17.3	18.1	18.1	18.9
Harford	17.5	19.3	20.5	20.6	19.3
Howard	21.1	20.8	18.4	18.4	18.2
Montgomery	22.3	22.2	19.4	20.6	20.2
Prince George's	21.8	20.8	20.0	19.6	19.1
Wor-Wic Tech	15.2	11.6	11.2	11.3	11.7
Systemwide ratio	20.5	19.8	19.0	19.0	18.8

NOTE: These ratios are the result of dividing student credit hours generated by faculty course credit hours taught, measured at the end of the third week of classes each semester and exclusive of continuing education courses.

Source: Maryland State Board for Community Colleges Databook, January 1989

# CHART 29

## TEN-MONTH FACULTY SALARY RANGES MARYLAND COMMUNITY COLLEGES FISCAL YEAR 1989

College	Professor		Associate Professor		Assistant Professor		Instructor		Assistant Instructor	
	Low	High	Low	High	Low	High	Low	High	Low	High
<b>Small</b>										
Cecil	\$27,956	\$47,123	\$24,631	\$42,697	\$21,302	\$35,930	\$18,022	\$29,634	\$14,647	\$23,718
Chesapeake	28,479	40,534	25,318	36,035	22,508	32,035	20,010	28,479	17,790	25,318
Garrett	24,720	28,840	21,630	25,750	18,540	22,660	15,450	19,570	-	-
Wor-Wic Tech	23,576	42,248	21,916	37,515	20,340	33,120	18,846	29,052	17,334	25,318
<b>Small-Size Range</b>	<b>\$23,576</b>	<b>\$47,123</b>	<b>\$21,630</b>	<b>\$42,697</b>	<b>\$18,540</b>	<b>\$35,930</b>	<b>\$15,450</b>	<b>\$29,634</b>	<b>\$14,647</b>	<b>\$25,318</b>
<b>Medium</b>										
Allegany	\$27,549	\$45,534	\$24,731	\$39,686	\$21,554	\$34,588	\$18,239	\$30,146	\$18,239	\$30,146
Charles	32,824	46,223	28,531	40,153	24,240	34,082	19,948	28,008	-	-
Dundalk	34,011	48,339	29,398	41,341	25,357	34,908	21,447	28,610	16,397	21,176
Frederick	30,108	46,787	25,343	42,020	21,371	33,291	18,989	26,141	15,018	22,169
Hagerstown	31,067	45,335	27,063	39,388	21,922	32,581	17,672	27,789	-	-
Harford	31,614	40,969	24,789	35,214	20,826	29,824	15,946	22,634	-	-
Howard	34,980	48,972	30,441	42,585	26,450	37,030	23,000	32,200	17,033	25,394
<b>Medium-Size Range</b>	<b>\$27,549</b>	<b>\$48,972</b>	<b>\$24,731</b>	<b>\$42,585</b>	<b>\$20,826</b>	<b>\$37,030</b>	<b>\$15,946</b>	<b>\$32,200</b>	<b>\$15,018</b>	<b>\$30,146</b>
<b>Large</b>										
Anne Arundel	\$30,826	\$57,392	\$26,805	\$38,915	\$23,309	\$33,840	\$20,269	\$29,424	\$ -	\$ -
Baltimore	30,016	42,919	25,002	35,734	20,991	29,826	19,209	26,002	12,636	27,215
Catonsville	34,011	48,339	29,398	41,341	25,357	34,908	21,447	28,610	16,397	21,176
Essex	34,011	48,339	29,398	41,341	25,357	34,908	21,447	28,610	16,397	21,176
Montgomery	32,000	47,966	27,533	45,610	24,000	39,678	24,000	31,364	-	-
Prince George's	31,335	48,865	27,761	44,285	23,925	39,395	21,033	35,606	17,021	29,022
<b>Large-Size Range</b>	<b>\$30,016</b>	<b>\$57,392</b>	<b>\$25,002</b>	<b>\$45,510</b>	<b>\$20,991</b>	<b>\$39,678</b>	<b>\$19,209</b>	<b>\$35,606</b>	<b>\$12,636</b>	<b>\$29,022</b>
<b>SYSTEMWIDE RANGE</b>	<b>\$23,576</b>	<b>\$57,392</b>	<b>\$21,630</b>	<b>\$45,610</b>	<b>\$18,540</b>	<b>\$39,678</b>	<b>\$15,450</b>	<b>\$35,606</b>	<b>\$12,636</b>	<b>\$30,146</b>

Source: Maryland State Board for Community Colleges Databook, January 1989



# CHART 30

## SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY MARYLAND COMMUNITY COLLEGES FISCAL YEAR 1989

Faculty on Ten-Month Salary Contracts												
College	Professors		Associate Professors		Assistant Professors		Instructors		Other		Total No.	Overall Average Salary
	No.	Average Salary	No.	Average Salary	No.	Average Salary	No.	Average Salary	No.	Average Salary		
Allegany	12	\$34,785	17	\$28,986	26	\$25,207	4	\$25,260	1	\$21,778	60	\$28,139
Anne Arundel	55	45,484	57	38,235	48	31,030	21	26,178			181	37,140
Baltimore	32	38,881	27	32,337	30	28,552	14	23,849	7	20,949	110	31,403
Catonsville	52	46,100	73	38,914	50	33,003	21	27,177	2	19,440	198	37,867
Cecil	9	38,586	6	34,360	13	25,933	6	23,634			34	30,364
Charles	14	38,840	8	34,723	24	26,875	10	25,516			56	30,745
Chesapeake	5	39,096	12	31,457	11	27,014	4	23,739	1	20,143	33	29,855
Dundalk	13	43,430	14	36,454	17	30,959	3	26,114			47	35,736
Essex	55	46,020	57	38,161	30	32,693	7	25,448			149	39,364
Frederick	5	42,339	13	33,224	24	27,958	1	26,141	1	16,607	44	30,849
Garrett	2	28,325	1	23,175	6	20,343	4	17,124			13	20,798
Hagerstown	22	37,072	10	33,041	10	26,199	1	25,280			43	33,331
Harford	11	41,789	31	38,928	13	33,033	1	24,625			56	37,866
Howard	10	43,373	8	30,813	16	29,995	13	24,141	6	19,662	53	30,037
Montgomery	204	44,864	71	34,756	54	30,509	13	25,912			342	39,779
Prince George's	105	44,787	77	38,313	21	29,597	6	27,065			209	40,367
Wor-Wic Tech	2	36,941	3	34,252	11	28,917	6	24,157			22	29,076
TOTAL	608		485		404		135		18		1,650	
Weighted Average		\$43,830		\$36,479		\$29,677		\$25,248		\$20,112		\$36,425

Source: Employee Data System

Maryland State Board for Community  
Colleges Databook, January 1989

***PART FIVE***  
**COMMUNITY USE OF FACILITIES**

## CHART 31

COMMUNITY USE OF HOWARD COMMUNITY COLLEGE FACILITIES  
JULY 1988 TO PRESENT

COMMUNITY ORGANIZATION	ESTIMATED ATTENDANCE
Zither Trio/Marie Skowronek	100
Family Life Center/Joanie Smith	12
MD National Guard/Sgt. Marty Myers	2
New Stages Inc./R. Marietta	40
Your Managing Partners/Arlene Solomon	10
Ho. Co. Board of Ed.- Psy Dept./N. Enders	5
Ho. Co. Board of ED.-Guidance/J. Leasure	20
Labor of Love/M. Honor-Forte	100
University of MD/Diane Smith	4
MD Foreign Language Assn./Dr. Staggers	20
U.S. Air Force Admission Office/DeSantis	35
Youth For Understanding/P. Walton	100
National Assn. of Home Based Business/C. Bower	50
Columbia Presbyterian Church/P. Mitzel	120
Tatone Society of Columbia/Dr. Basu	30
Assn. of Foreign Language Teachers/Dr. Staggers	30
Pizza Hut of MD/D. McKenney	2
MD Soccer Assn./J. Allen	120
MD Blood Center/Mull, Cestone, R. Graningers	60
Market Square South Community Assn./J. Cullison	20
Ho. Co. Arts Council/V. Costantini	30
Myasthenia Gravis Support Group/R. Krieger	100
Alpha Kappa Alpha Sorority/L. Coleman	60
Ellicott City Ballet Guild/Y. Wampler	150
Ho. Co. Division of Purchasing/H. Bain	20
MD Acupuncture Soc./A. Camara	180
Shih Tzu Fanciers/B. Bonse	25
Jack and Jill of Am./V. Lawyer	150
University of MD-Research/P. Malik	12
American Optometric Assn./T. Morrow	3
Fire Department	520
Columbia Presbyterian Church (per week)	500
Classical Ballet/Caryl Maxwell	700
Janna Myer/Isreal	100
Columbia Film Society	2100
Howard County Poetry & Literature Society	300
Eva Anderson/Dance Company	300
Ellicott City Ballet Guild	1500
Kinetics Dance Co.	300
Arabesque Dance Studio	900
Candlelight Concert Society	7800
Ethel Ennis	300
The Chinese Magic Review	950
The Peabody Ragtime Ensemble	300
The Adaptors in "Autobahn"	950
The Gary Burton Quartet	300
Shizumi	950

Uptown	300
Who's Afraid of Virginia Woolf	950
Mike Metheny	300
A Chorus Line	950
Nursing Alumni Brunch	125
MCDA Meeting	35
Job Interviews/K. Philipp	5
MD State Board of Community Colleges	25
MD State Board of Community Colleges Luncheon	25
Job placement/Linkage	50
Deans List Reception	100
Company Recruitments/P. Walton	10
Retailing Luncheon	100
Admissions/Maryland Transfer Day	35
Alumni Event	100
Alpha Kappa Alpha	60
P. E. High School Awards	200
Red Cross Blood Drive	30
Nursing Alumni	100
NSA Presentation/Job Placement	20
Engineering/Computer Science Club	35
National Engineering Aptitude Screening	75
Allied Health Career Day	75
Disability Awareness Club	15
Chevy Chase Federal Savings Bank/Job Recruitment	2
Ski Club	30
High School Principal's Meeting	25
CEAM Meeting	40
Lotus Users Group	25
BSI Temps/Linkage	2
Tru Green Corp./Job Placement	2
UPS/Job Placement	2
PG County Police Recruitment/Job Placement	4
Medical Management Science/Job Placement	2
Guitar Class	10
Morton Hoffman & Co./Job Placement	4
Blood Drive/P. Chenier	75
Friendly Restaurants/Job Placement	2
Audrey Robbins Meeting	150
Board of Trustees Meeting	180
Central MD Microcomputer User's Group	80
Coast Guard Safe Boating Classes	240
March of Dimes Project ALf	100
MD Association of Professional Electrologists	30
Co-Dependents Anonymous	100
Montgomery Wards	2
Job Recruitment/Bioclinical Supplies	2
Job Recruitment/Florsheim	2
Team USA Soccer Try-outs	75
Kangaroo Kids	50
1st Baptist Church/Laurel	70
A.S.T. Serpents	2,310

Alice Webb Watercolor Exhibit-Gallery	100
David Breeden Sculpture Exhibit	200
Toasters of Death Exhibit	100
Linda Press Oil Painting Exhibit	100
Al Rush Oils, Watercolors, Etchings	100
HCC Fall Students Exhibit	100
Laura Liberatore Szweda Paintings on Paper	100
Howard County Fire Department	1,470
Columbia Association	85
Explorer Scouts	1,750
Columbia Soccer Camp	150
Howard County Recreation and Parks	3,200
Howard County Striders	2,000
General Physics	50
Long Reach Soccer Club	500

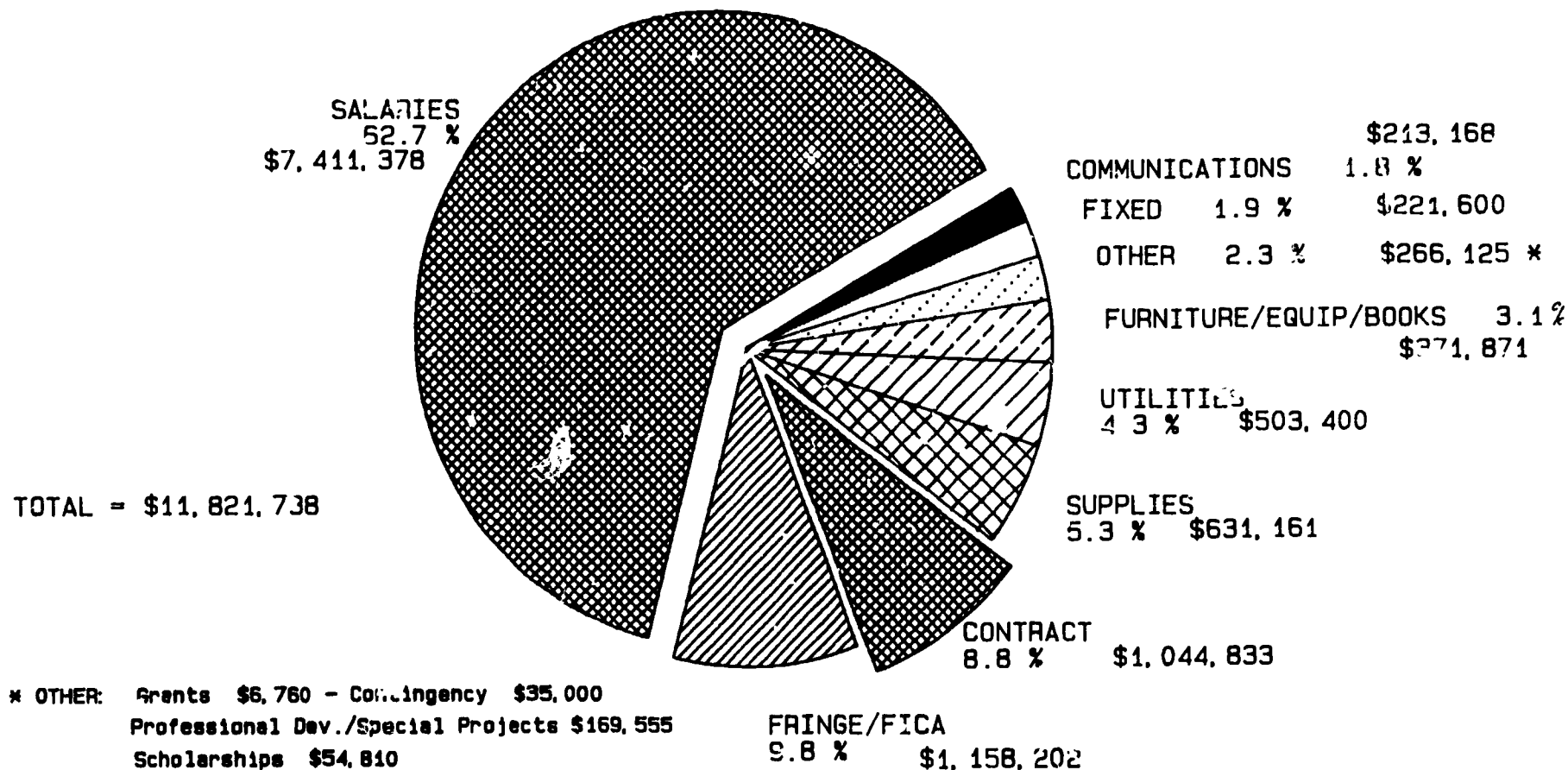
ESTIMATED TOTAL	<u>59,251</u>
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JJ/2-10-89

***PART SIX***  
**FISCAL BACKGROUND**

CHART 32

HOWARD COMMUNITY COLLEGE  
FISCAL YEAR 1990 OPERATING BUDGET BY OBJECT

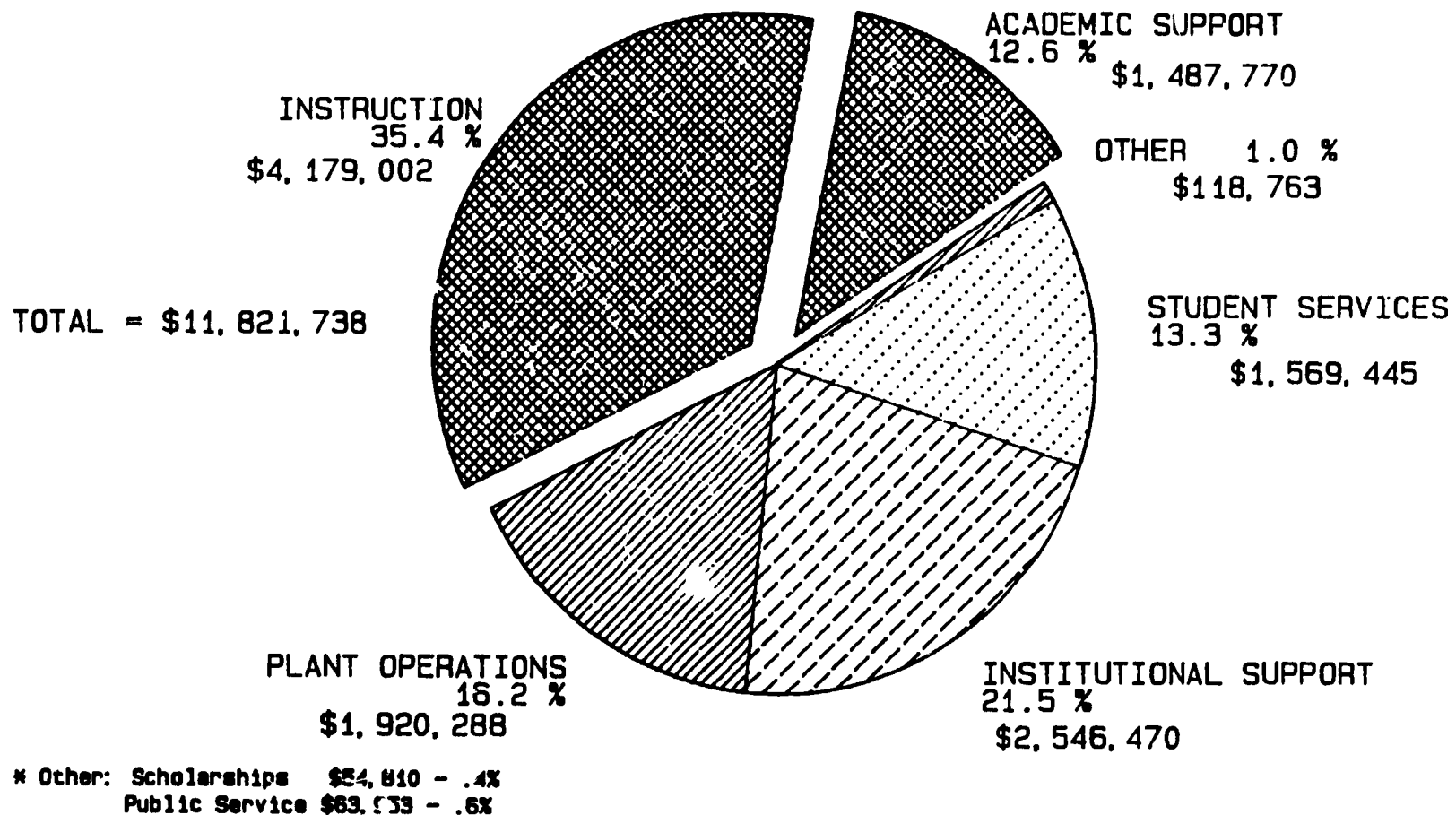


HOWARD COMMUNITY COLLEGE

Office of Research & Person. #1

3/11/89

CHART 33  
HCC FISCAL YEAR 1990  
PROPOSED OPERATING BUDGET EXPENDITURES BY FUNCTION



HOWARD COMMUNITY COLLEGE

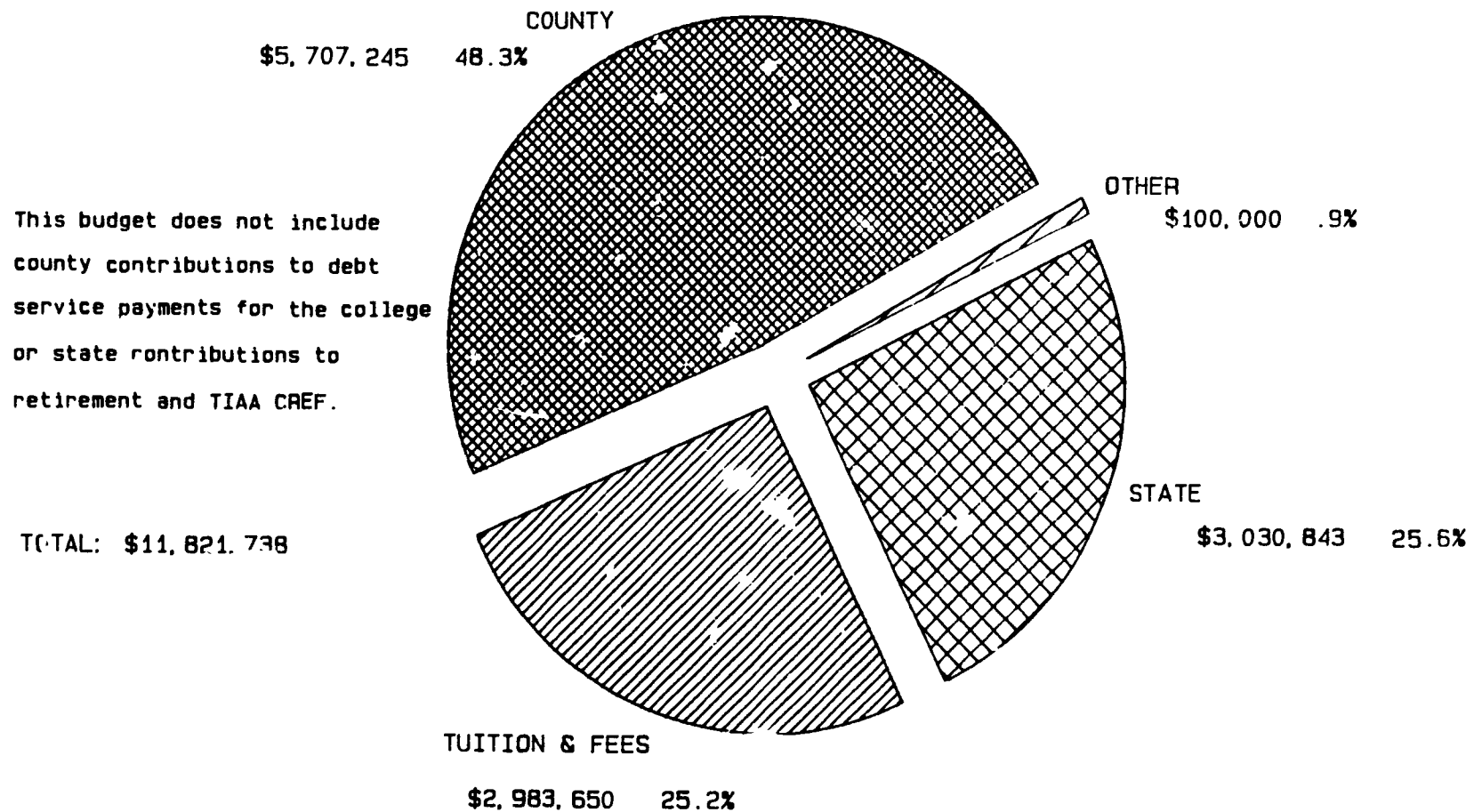
Office of Research & Personnel

3/2/89



CHART 34

FISCAL YEAR 1990 SOURCES OF REVENUE  
PROPOSED OPERATING BUDGET



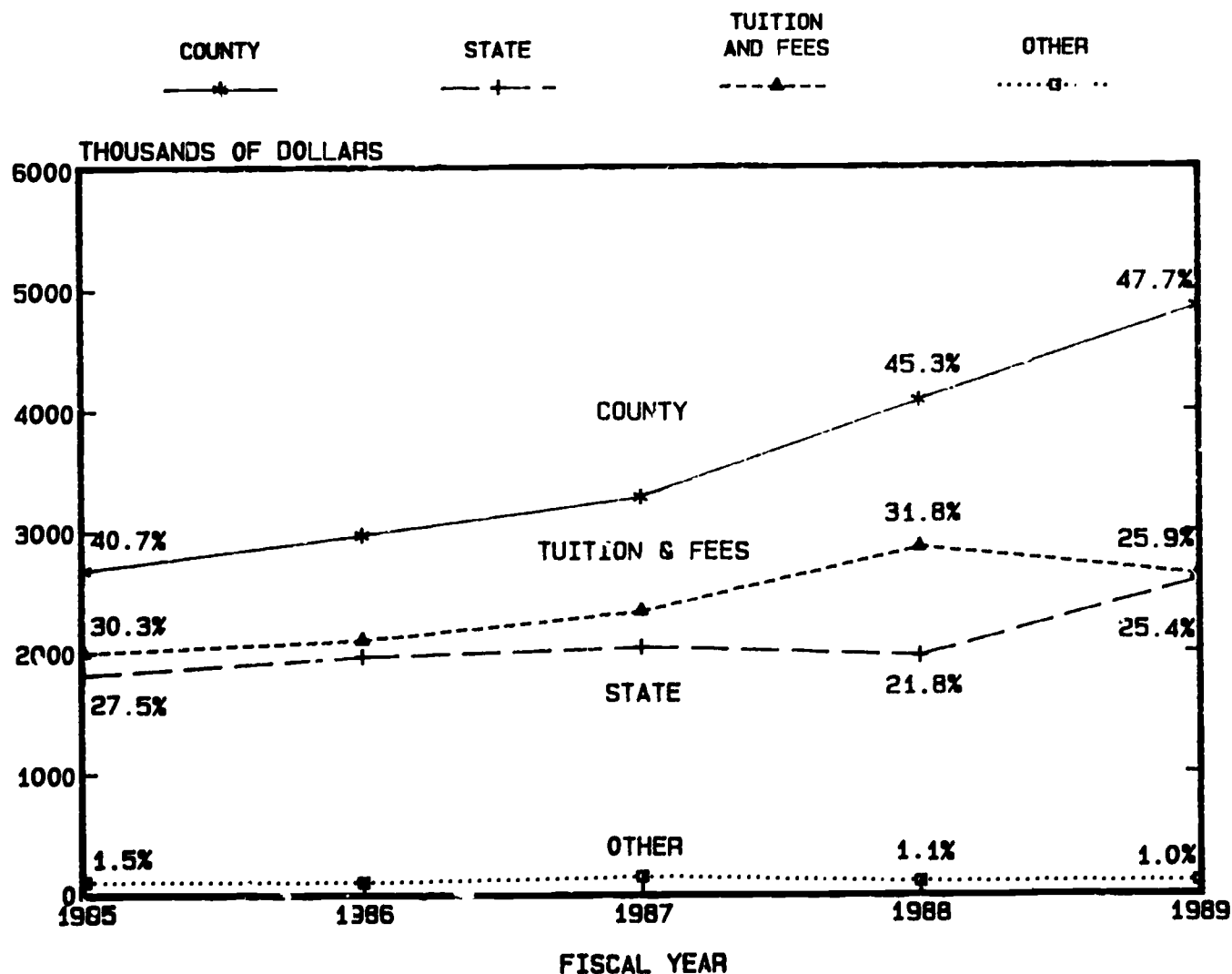
HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/3/89

CHART 35

SOURCES OF REVENUE FISCAL YEARS 1985-1989  
OPERATING BUDGET



HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

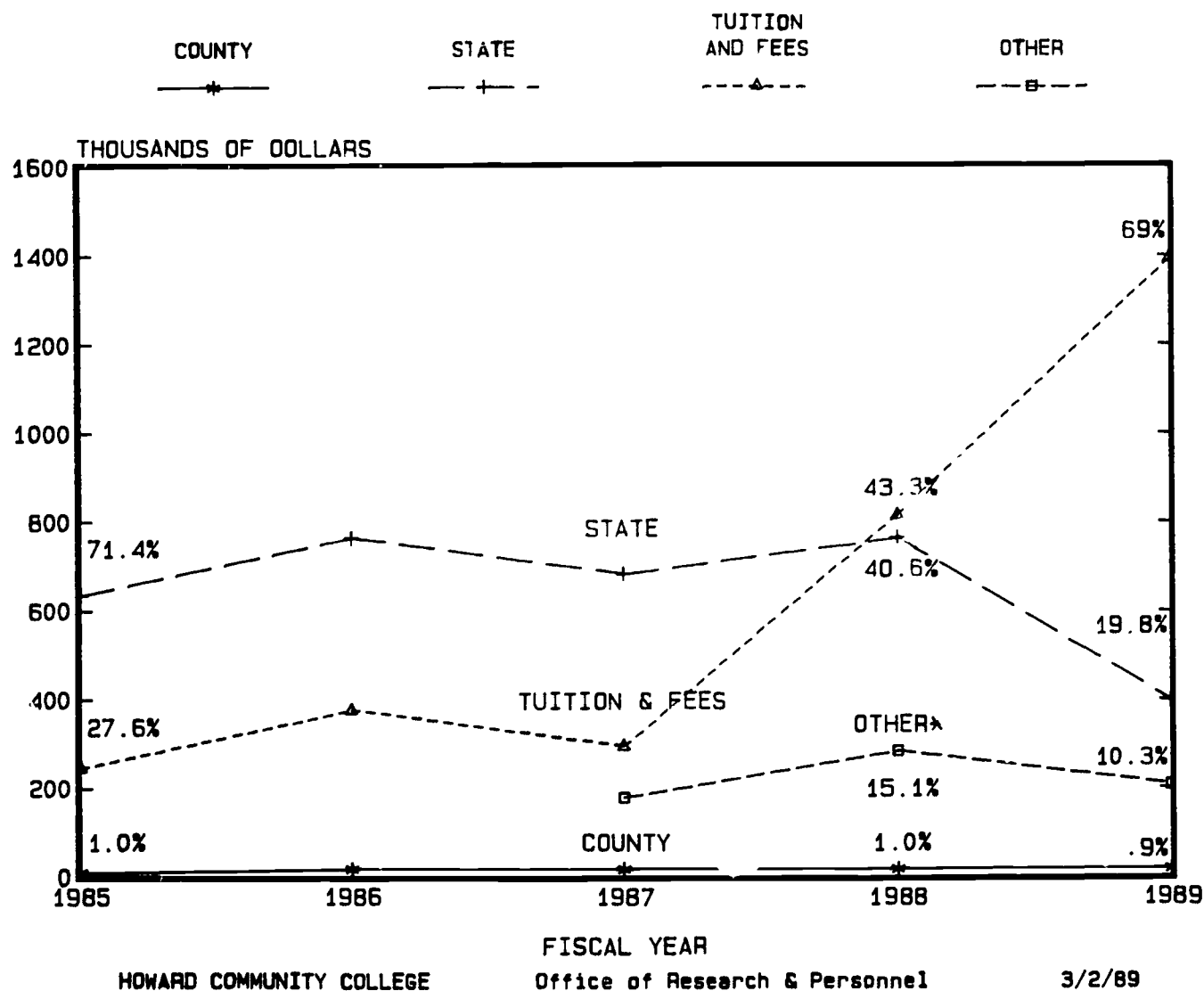
3/2/89

This budget does not include county contributions to debt service payments for the college or state contributions to retirement and TIAA CREF.

# CHART 36

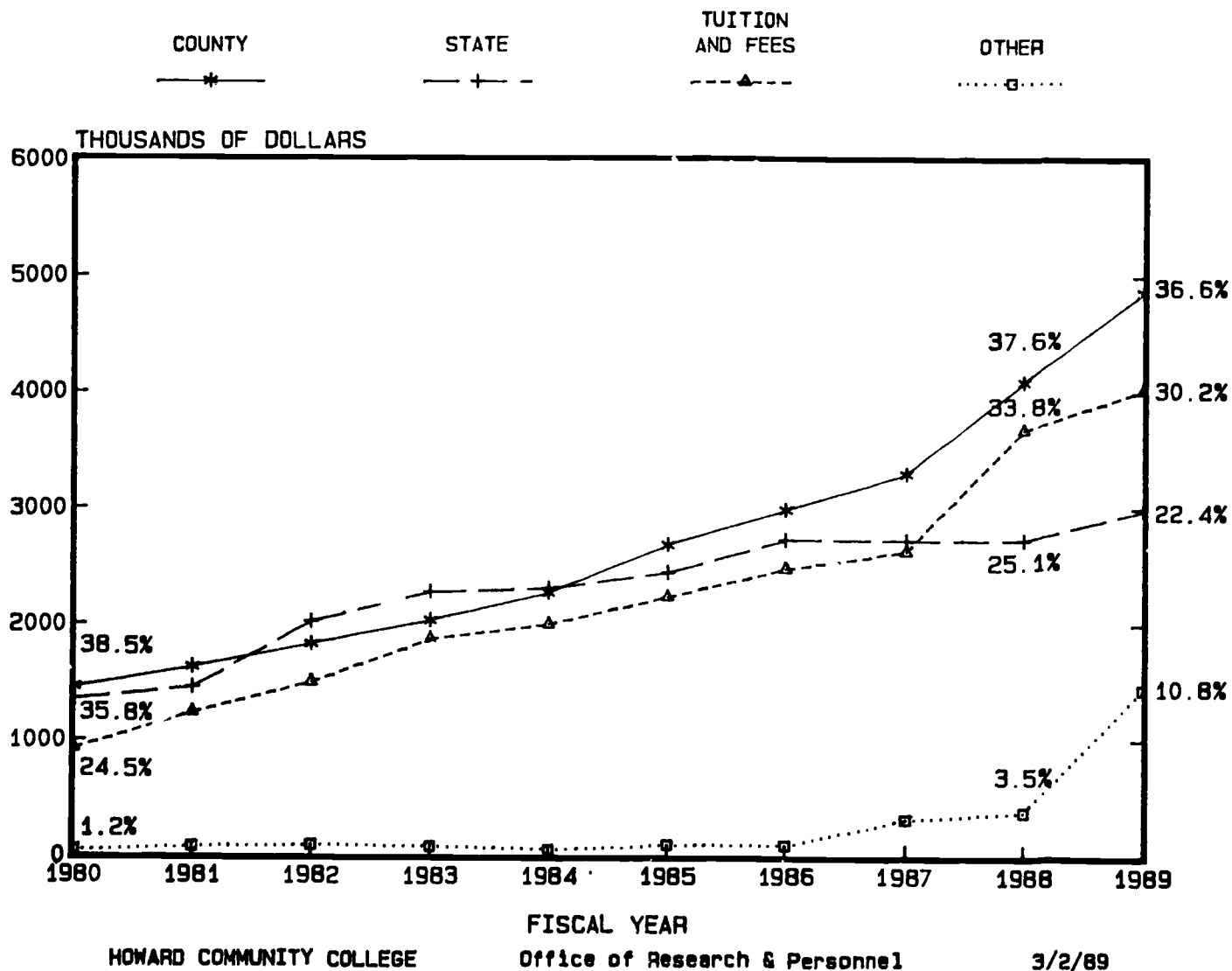
## SOURCES OF REVENUE FISCAL YEARS 1985-1989

### CONTINUING EDUCATION BUDGET



• "Other" represents the fund balance carry-over which the board has designated to be used in the year indicated. This budget does not include county contributions to debt service payments for the college or state contribution to retirement and TIAA CREF. Overall tuition and fees have risen 17.6% due to the opening of the HCC Professional Center. However, the portion of tuition and fee income in relation to the total budget has risen 25.7% due to the change in the state funding formula.

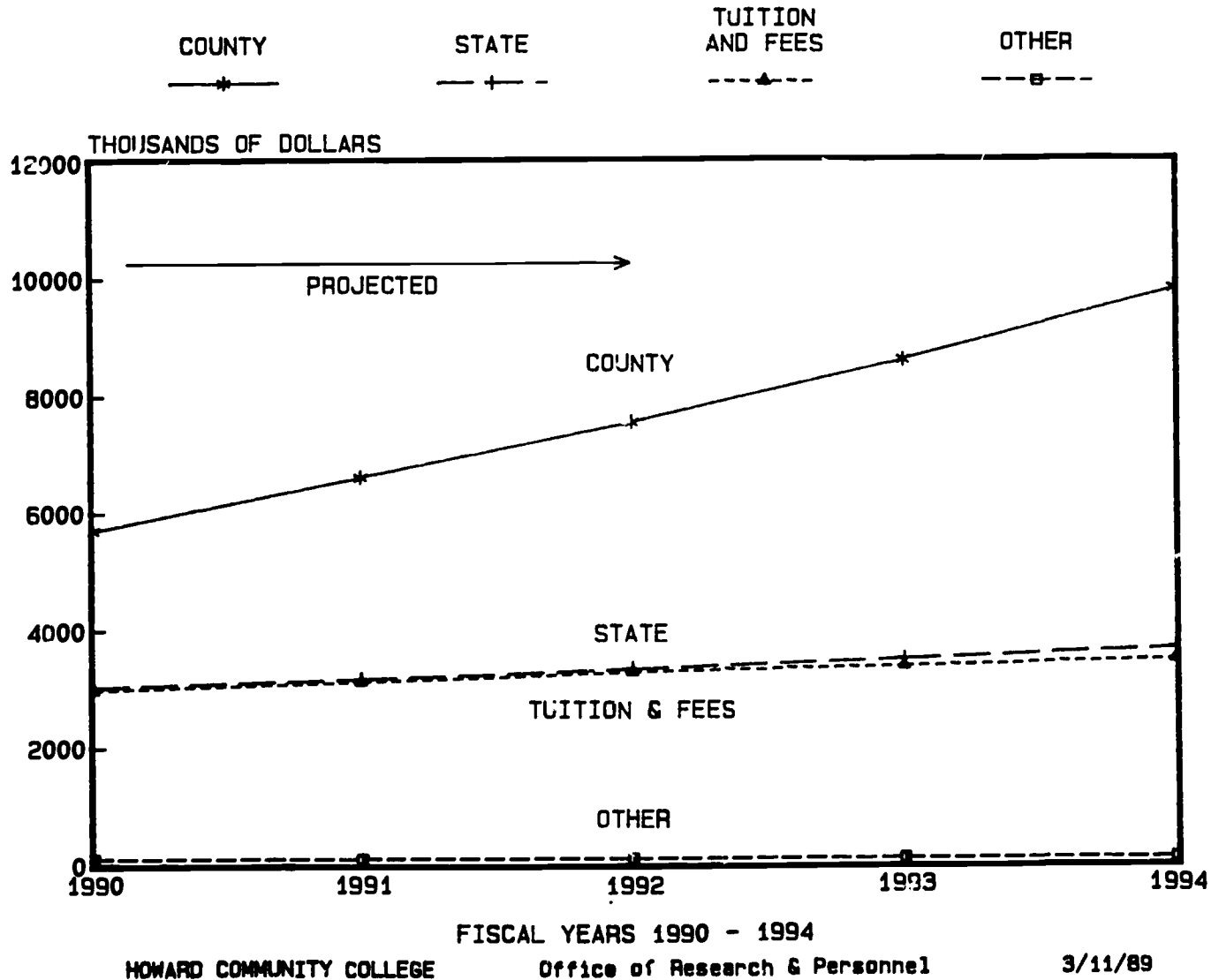
# CHART 37 SOURCES OF REVENUE FISCAL YEARS 1980-1989 OPERATING AND CONTINUING EDUCATION BUDGET



This budget does not include county contributions to debt service payments for the college or state contributions to retirement and TIAA CREF.

CHART 38

PROJECTED CHANGES IN REVENUE SOURCES  
BASED ON CURRENT TRENDS - OPERATING BUDGET ONLY

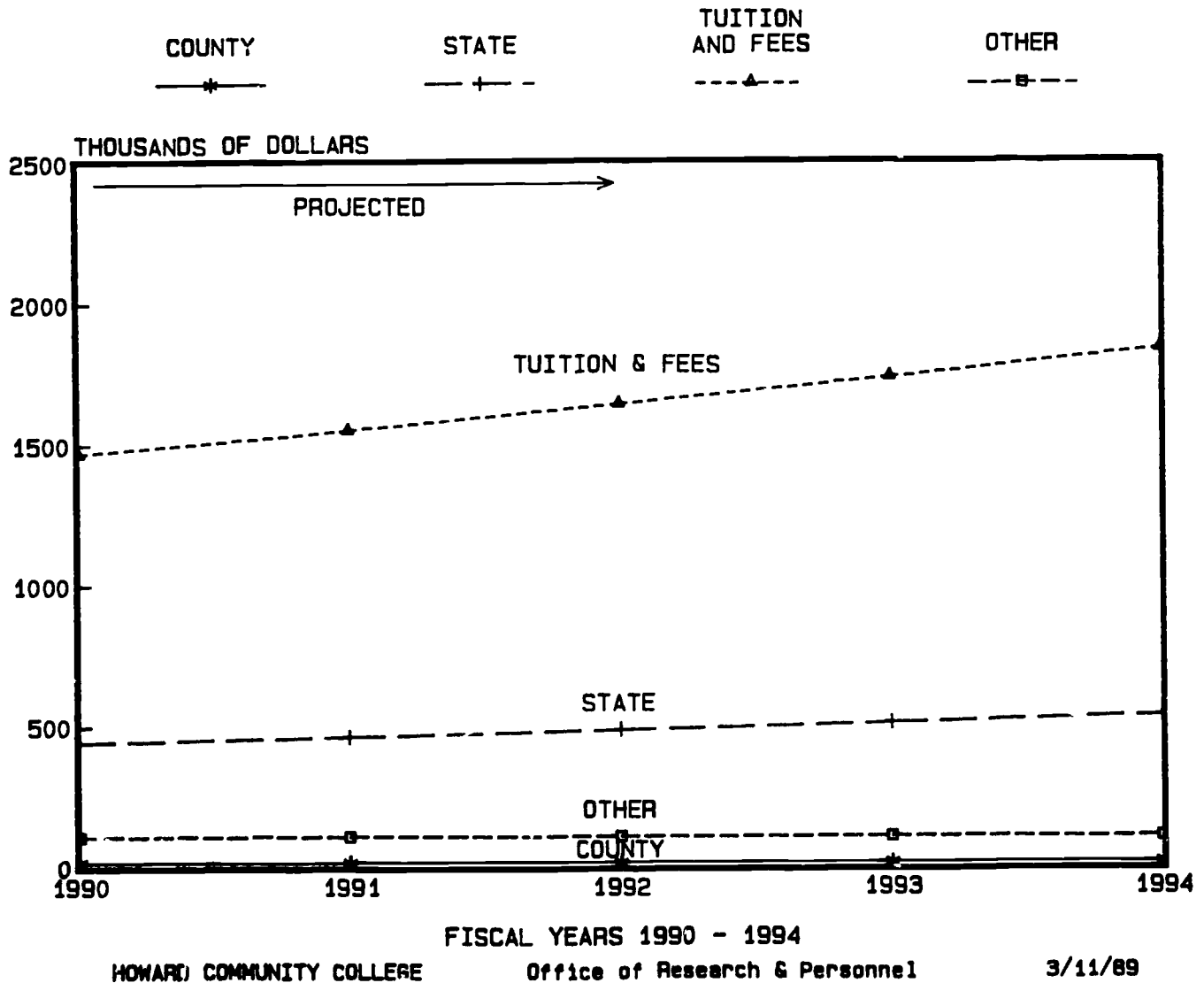


This budget does not include county contributions to debt service payments for the college or state contributions to retirement and TAA CREF.

Due to the state proposed a change in the funding formula. Based on this assumption, the college has eliminated the continuing education contribution to the operating fund and reallocated the state contribution accordingly.

CHART 39

PROJECTED CHANGES IN REVENUE SOURCES  
BASED ON CURRENT TRENDS - CONTINUING EDUCATION BUDGET ONLY

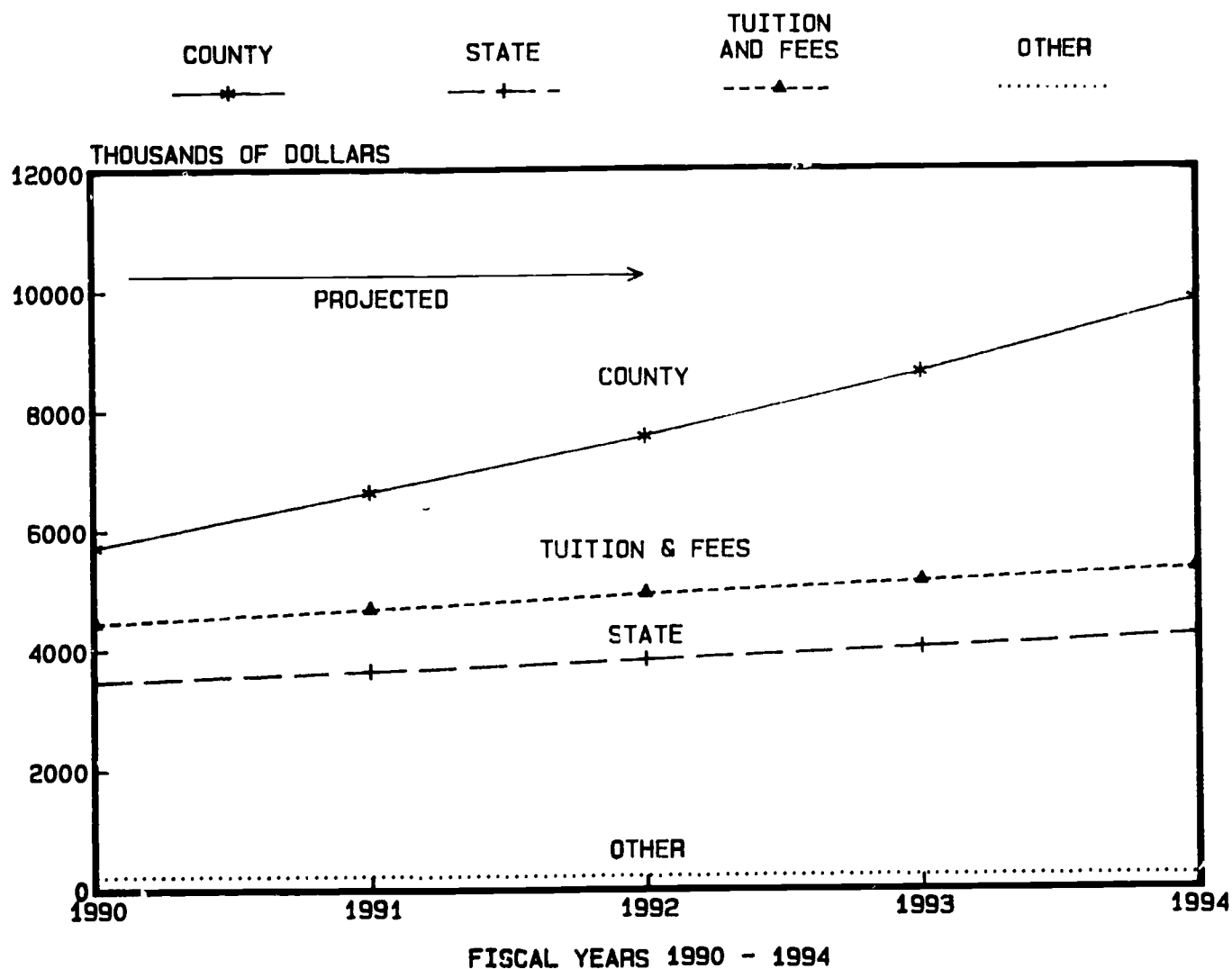


This budget does not include county contributions to debt service payments for the college or state contributions to retirement and TIAA CREF.

In FY89 the state proposed a change in the funding formula. Based on this assumption, the college has eliminated the continuing education contribution to the operating fund and reallocated the state contribution accordingly.

CHART 40

PROJECTED CHANGES IN REVENUE SOURCES  
BASED ON CURRENT TRENDS--OPERATING & CONTINUING EDUCATION BUDGET



HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

3/11/89

This budget does not include county contributions to debt service payments for the college or state contributions to retirement and TIAA CREF.

# CHART 41

## STATE FUNDED CREDIT AND EQUATED CREDIT FULL-TIME EQUIVALENT ENROLLMENT MARYLAND COMMUNITY COLLEGES FISCAL YEARS 1984 - 1988

College	FY 1984	FY 1985	% Change 1984-1985	FY 1986	% Change 1985-1986	FY 1987	% Change 1986-1987	FY 1988	% Change 1987-1988
Allegany	1,997	1,745	-13%	1,637	-6%	1,635	0%	1,742	7%
Anne Arundel	5,775	6,003	4	6,161	3	6,503	6	6,747	4
Baltimore	6,596	5,986	-9	5,890	-2	5,826	-1	6,328	9
Catonsville	7,356	7,772	6	7,894	2	7,856	0	8,363	6
Cecil	937	958	2	961	0	915	-5	937	2
Charles	2,000	2,232	12	2,183	-2	2,310	6	2,437	5
Chesapeake	1,140	1,188	4	1,217	2	1,213	0	1,269	5
Dundalk	2,784	3,030	9	3,234	7	3,086	-5	3,251	5
Essex	6,544	6,475	-1	6,369	-2	6,383	0	6,618	4
Frederick	1,831	1,735	-5	1,691	-3	1,732	2	1,773	2
Garrett	541	499	-8	493	-1	508	3	504	-1
Hagerstown	1,714	1,762	3	1,828	4	1,811	-1	1,828	1
Harford	3,192	2,978	-7	2,967	0	3,122	5	3,287	5
Howard	2,368	2,340	-1	2,349	0	2,435	4	2,621	8
Montgomery	11,343	10,557	-7	10,252	-3	10,219	0	10,402	2
Prince George's	9,058	8,969	-1	8,693	-3	8,869	2	9,168	3
Wor-Wic Tech	706	666	-6	713	7	623	-13	695	12
TOTAL	65,882	64,895	-1%	64,532	-1%	65,046	1%	67,970	4%

NOTES: Enrollment is audited.

Includes credit hours generated by students in credit programs and equated credit hours generated in State approved continuing education courses.

Source: SBCC-CC-4

Maryland State Board for Community  
Colleges Databook, January 1989



# CHART 42

## NET COST PER FULL-TIME EQUIVALENT STUDENT MARYLAND COMMUNITY COLLEGES FISCAL YEARS 1984 - 1989

<u>College</u>	<u>Actual FY 1984</u>	<u>Actual FY 1985</u>	<u>Actual FY 1986</u>	<u>Actual FY 1987</u>	<u>Actual FY 1988</u>	<u>Budgeted FY 1989</u>
Allegany	\$2,578	\$2,822	\$3,085	\$3,326	\$3,144	\$3,867
Anne Arundel	2,554	2,642	2,897	3,021	3,113	3,260
Baltimore	2,355	2,501	2,631	2,739	2,594	2,557
Catonsville	2,639	2,722	2,908	3,312	3,201	3,343
Cecil	3,531	3,613	3,963	4,688	4,729	5,227
Charles	3,359	3,148	3,470	3,325	3,496	4,978
Chesapeake	2,873	3,031	3,240	3,580	3,606	4,107
Dundalk	2,674	2,658	2,766	3,114	3,105	3,263
Essex	2,473	2,639	2,973	3,116	2,981	3,506
Frederick	2,575	2,847	3,141	3,339	3,434	4,094
Garrett	3,040	3,444	3,631	3,487	3,657	4,036
Hagerstown	2,418	2,444	2,627	2,937	2,970	3,408
Harford	2,604	2,813	2,977	2,991	2,393	3,150
Howard	2,803	3,107	3,457	3,625	3,863	4,665
Montgomery	3,143	3,471	3,960	3,978	4,490	4,918
Prince George's	2,453	2,612	2,768	2,957	2,940	3,286
Wor-Wic Tech	2,728	3,175	3,267	3,868	3,639	4,174
Systemwide Weighted Average	\$2,692	\$2,855	\$3,112	\$3,283	\$3,341	\$3,699

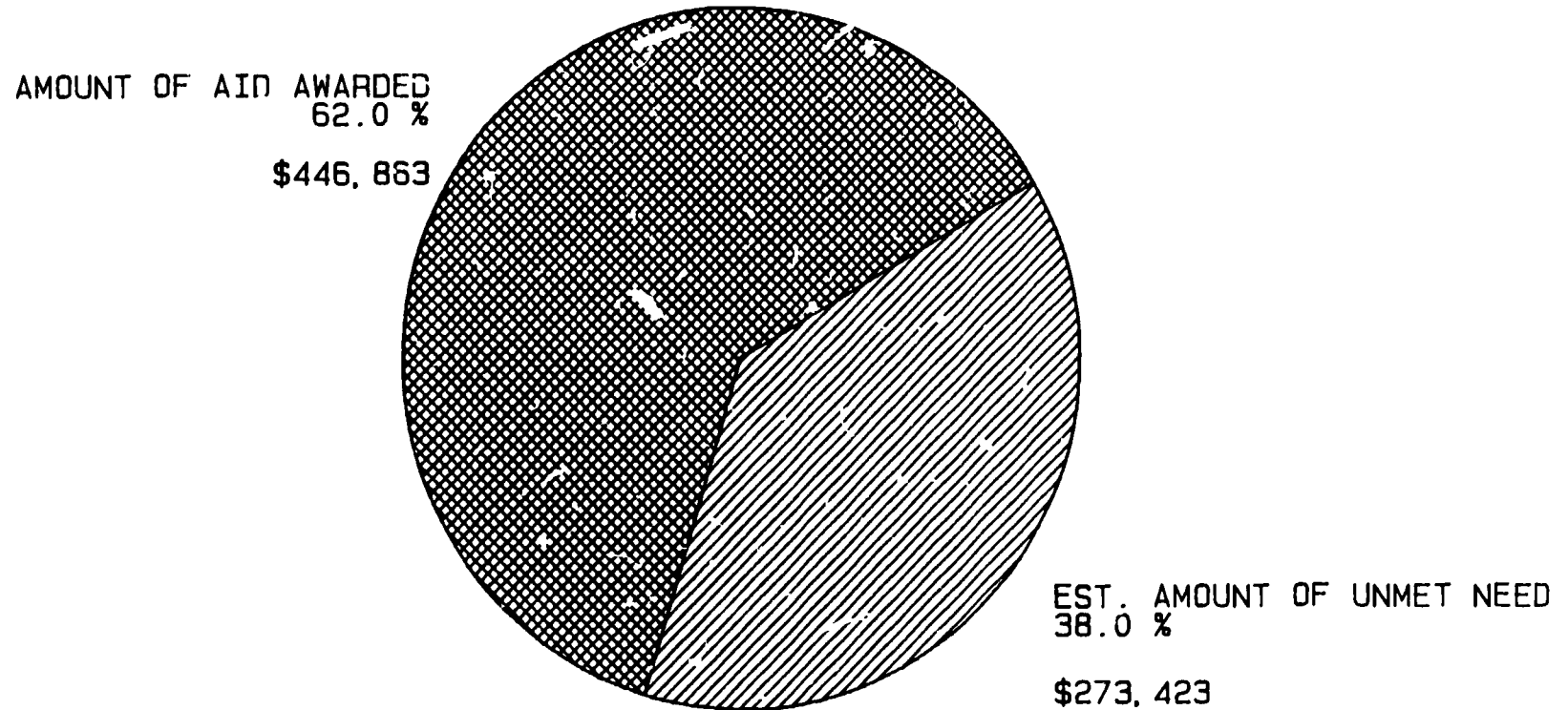
NOTE: Net cost is the Current Unrestricted operating expenditures divided by total full-time equivalent students taught in that fiscal year. College expenditures do not include employee benefits paid directly by the State of Maryland.

Sources: SBCC-CC-4 and SBCC-CC-5 reports

Maryland State Board for Community  
Colleges Databook, January 1989

CHART 43

UNMET NEED--FY88 HCC FINANCIAL AID APPLICANTS  
CALCULATED ON ACTUAL FY 1988 FIGURES



HOWARD COMMUNITY COLLEGE

Office of Research & Personnel

2/16/89

# CHART 44

## TUITION PER 15-WEEK TERM MARYLAND COMMUNITY COLLEGES FISCAL YEAR 1989

College	Service Area	Resident of Service Area		Maryland Resident from Outside Service Area		Out-of-State Resident	
		Per Credit Hour	Per Term	Per Credit Hour	Per Term	Per Credit Hour	Per Term
Allegany	Allegany County )	\$ 36.00 <sup>b</sup>		\$ 56.00 <sup>b</sup>		\$ 96.00 <sup>b</sup>	
	)	33.00 <sup>g</sup>		43.00 <sup>g</sup>		53.00 <sup>g</sup>	
	)	18.00 <sup>i</sup>		23.00 <sup>i</sup>		20.00 <sup>i</sup>	
Anne Arundel	Anne Arundel County	32.00 <sup>f</sup>		64.00 <sup>f</sup>		128.00 <sup>f</sup>	
Baltimore	Baltimore City	35.00	\$ 525.00 <sup>a</sup>	70.00	\$1,050.00 <sup>a</sup>	105.00	\$1,575.00
Catonsville )	Baltimore County )	33.00 <sup>b</sup>		58.00 <sup>b</sup>		115.00 <sup>b</sup>	
Dundalk )		25.00 <sup>h</sup>		40.00 <sup>h</sup>		71.00 <sup>h</sup>	
Essex )		29.00 <sup>c</sup>		59.00 <sup>c</sup>		87.00 <sup>c</sup>	
Cecil	Cecil County						
Charles	Charles, St. Mary's and )						
	Calvert Counties )	51.00 <sup>c</sup>		74.00 <sup>c</sup>		111.00 <sup>c</sup>	
Chesapeake	Caroline, Dorchester, Kent )						
	Queen Anne's and Talbot Counties )	31.00	372.00 <sup>j</sup>	71.00	852.00 <sup>j</sup>	137.00	1,644.00 <sup>j</sup>
Frederick	Frederick County	36.00 <sup>c</sup>		72.00 <sup>c</sup>		144.00 <sup>c</sup>	
Garrett	Garrett County	28.00 <sup>f</sup>		48.00 <sup>f</sup>		100.00 <sup>c</sup>	
Hagerstown	Washington County	34.00		58.00		83.00	
Harford	Harford County	32.00 <sup>c</sup>		66.00 <sup>c</sup>		109.00 <sup>c</sup>	
Howard	Howard County	41.00	574.00 <sup>e</sup>	70.00	980.00 <sup>e</sup>	140.00 <sup>c</sup>	
Montgomery	Montgomery County	40.00	600.00 <sup>e</sup>	76.00	1,140.00 <sup>e</sup>	104.00	1,560.00 <sup>e</sup>
Prince George's	Prince George's County	40.00 <sup>c</sup>		94.00 <sup>c</sup>		167.00 <sup>c</sup>	
Wor-Wic Tech	Worcester and Wicomico Counties	29.00 <sup>c</sup>		68.00 <sup>c</sup>		140.00 <sup>c</sup>	
Systemwide average		\$ 34.00		\$ 67.00		\$117.00	

<sup>a</sup> Rate for 15 or more credit hours.

<sup>c</sup> A flat credit hour rate prevails.

<sup>e</sup> Maximum rate.

<sup>g</sup> Rate for 12 through 15 credit hours.

<sup>i</sup> Rate for 16th credit and beyond.

<sup>b</sup> Rate for 1 through 11 credit hours.

<sup>d</sup> Rate for 1 through 16 credit hours; no charge for credit hours beyond 16.

<sup>f</sup> Rate for 1 through 15 credit hours; no charge for credit hours beyond 15.

<sup>h</sup> Rate for credit hours beyond 11.

<sup>j</sup> Rate for 12 or more credit hours.

Source:

Maryland State Board for Community  
Colleges Databook, January 1989

## **LIST OF RESEARCH PUBLICATIONS**

HOWARD COMMUNITY COLLEGE  
List of Most Recent Research Publications

Livieratos, Barbara B. REPORT ON THE RESULTS OF THE 1988 SURVEY OF FORMER BIOMEDICAL ENGINEERING TECHNOLOGY STUDENTS. Report No. 56. Howard Community College, January 1989.

Novak, Virginia E. and Radcliffe, Susan K. ENROLLMENT PROJECTIONS REPORT. Report No. 55, December 1988.

Livieratos, Barbara B. REPORT ON THE RESULTS OF THE 1988 SURVEY OF TELECOURSE STUDENTS. Report No. 54. Howard Community College, August 1988.

Livieratos, Barbara B. THE SURVEY OF EMPLOYERS OF 1986 HOWARD COMMUNITY COLLEGE GRADUATES: A REPORT OF THE FINDINGS. Report No. 53. Howard Community College, July 1988.

Novak, Virginia E. FOLLOW-UP OF 1986 GRADUATES. Report No. 52. Howard Community College, May 1988. ED 296 752.\*

Monroe, Charlotte A., Novak, Virginia E., and Radcliffe, Susan K. HOWARD COMMUNITY COLLEGE 1988-1989 INSTITUTIONAL INDICATOR FOR PROPOSED OPERATING BUDGET. Report Number 51. Howard Community College, April 1988. ERIC Publication Number ED 292 525.\*

Livieratos, Barbara B. HIGHLIGHTS OF THE SURVEY OF EMPLOYERS OF 1985 HOWARD COMMUNITY COLLEGE GRADUATES. Report Number 50. Howard Community College, February 1988. ERIC Publication Number ED 292 488.\*

Livieratos, Barbara B. FINDINGS FROM THE SURVEY OF EMPLOYERS OF 1984 HCC GRADUATES. Report No. 49. Howard Community College, December 1987.

Novak, Virginia E. and Radcliffe, Susan K. ENROLLMENT PROJECTIONS REPORT. Report No. 48. Howard Community College, December 1987.

Novak, Virginia E. and Radcliffe, Susan K. FOLLOW-UP OF 1985 GRADUATES. Report No. 47. Howard Community College, August 1987. ERIC Publication Number ED 285 611.\*

Office of Research and Personnel, FTE ENROLLMENT TRENDS FY84 - FY87. Flash Facts Vol. III, Number 1. Howard Community College, August 1987.

Office of Research and Personnel, HCC STUDENT POPULATION OF HOWARD COUNTY RESIDENTS FOR 1986-87 BY COUNCIL DISTRICT. Flash Facts Vol. II, Number 3. Howard Community College, June 1987.

Monroe, Charlotte A., Novak, Virginia E., and Radcliffe, Susan K. HOWARD COMMUNITY COLLEGE 1987-1988 INSTITUTIONAL INDICATORS FOR PROPOSED OPERATING BUDGET. Report No. 46. Howard Community College, April 1987.

\*An ERIC Publication Number indicates that the report was published by Educational Resources Information Center (ERIC), and that it is listed in the Resources in Education Index.