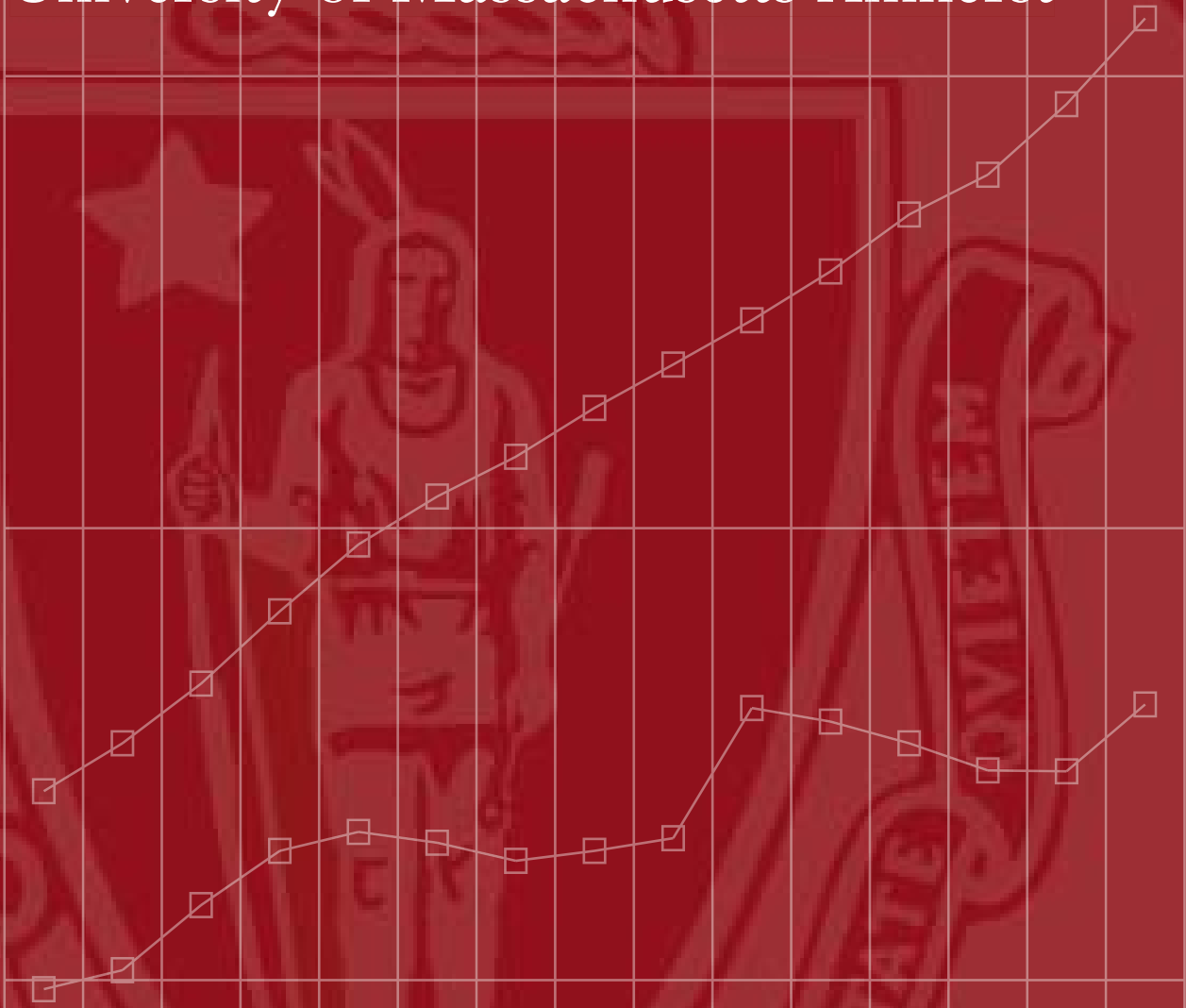


Factbook

University of Massachusetts Amherst



1982-1983

Office of Institutional Research

www.umass.edu/oir

Preface

PREFACE

The University of Massachusetts/Amherst 1982/83 FACTBOOK presents a description of the top Public Research Institution in the Commonwealth's system of higher education. The intent of the publication is to provide an organized, although partial, picture both of the University's complex mix of programs, faculty, staff and resources, and of the 25,000+ students we serve.

This year's FACTBOOK strives to be accurate and functional. Herein you will find a collection of data, its' presentation and some analysis. Interpretation is not offered, however, the following observations may be noted:

- Average SAT scores of 1982 entering freshmen are reported to be above state, regional and national norms;
- In terms of access, overall student headcounts and non-faculty, permanent staff counts reflect some measures of gender equality;
- Over 4,000 graduate student appointments help to fulfill the mission of UM/A;
- An accurate and accountable FACTBOOK has promise as a basis for planning.

There are changes in this year's edition. The section on History, for example, brings some focus on a past period of redefinition of higher education that draws interesting parallels to the present. New areas of the University including Support services have been added. Also, a few of the tables that are costly to reproduce annually have been computer generated to facilitate next year's updating and presentation. As well, some of last year's inclusions such as longitudinal data will not be found.

Appreciation is extended to the many people in the Community who have contributed data and assistance to the UM/A FACTBOOK, including a number of people from the former Office of Planning and Budget. Hollis Wheeler provided the opportunity for the undertaking and Joyce Hatch assisted in obtaining, deciphering and displaying some of the data. A special thanks to Joanne Prange for her helpful ideas, fine typing and pleasant disposition.

Phil Nelson

Phil Nelson
Graduate Research Assistant
Office of Institutional Research

P.S. The following page of this FACTBOOK is a tear-out form provided for response.

Factbook Feedback

FACTBOOK FEEDBACK

You are invited to let us know both what you find helpful or enjoyable about FACTBOOK 82/83, and suggestions for improvement. We are interested in the campus users' practical needs for information, and the general interest readers' reactions.

Date:

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Return by campus or U.S. mail to Office of Institutional Research, Whitmore Building,
University of Massachusetts, Amherst.

Fingertip Facts

FINGERTIP FACTS

UNIT	YEAR		
	1980-81	1981-82	1982-83
STUDENT HEADCOUNTS (FALL DATA)			
TOTAL ENROLLMENT	24,737	24,903	24,949
UNDERGRADUATE	19,015	19,237	19,226
STOCKBRIDGE	439	442	367
GRADUATE	5,283	5,224	5,356
FEMALE TOTAL	11,568	12,106	11,845
MALE TOTAL	13,169	12,797	13,104
AFSM TOTAL	22,656	22,555	22,738
IFTE TOTAL	22,421	23,011	23,135
CONTINUING ED.	1,582	1,735	1,568
FULL TIME FACULTY HEADCOUNTS (FALL DATA)			
TOTAL	1,204	1,201	1,211
TENURED	910	912	929
NON-TENURED	294	289	282
FEMALE TOTAL	189	185	189
MALE TOTAL	1,015	1,016	1,022
AVERAGE SALARY (FISCAL DATA)			
TOTAL	\$29,053	\$30,780	\$33,161
FEMALE AVERAGE	N/A	\$26,077	\$28,490
MALE AVERAGE	N/A	\$31,635	\$34,025
FINANCES (FISCAL DATA)			
STATE MAINT. APPROP.	\$89,297,712	\$ 99,026,217	\$109,318,459*
STATE SPEC. & GRANTS	2,961,926	3,226,550	3,744,550*
TOTAL STATE	92,259,638	102,252,767	113,063,009*
TOTAL NON-STATE	98,805,737	102,522,126	115,604,215*
DEGREES GRANTED (FISCAL YEAR)			
TOTAL	4,958	4,799	5,346
ASSOCIATE	178	181	175
BACHELOR	3,743	3,537	3,981
MASTERS	736	741	866
DOCTORATES	301	340	324
TUITION (ACADEMIC YEAR)			
IN-STATE, UNDERGRADUATE	\$ 750	\$ 952	\$1,129
GRADUATE	950	1,210	1,434
OUT-STATE, UNDERGRADUATE	2,750	3,350	3,686
GRADUATE	2,750	3,427	3,770

*PRELIMINARY FIGURES

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History

By the middle of the 19th century a number of agricultural and industrial organizations in America had joined in a political lobbying effort directed at expansion and agricultural redefinition of post-secondary education. In Illinois, this resulted in a legislative petition to the National Congress for public lands, the sale of which would benefit higher education. The formal request called for "liberal and practical education of our industrial classes and their teachers." At the time, the Central Illinois Times newspaper commented, "We have always held that the first object of government is to afford protection of the working classes, for in them lies the strength and glory of the nation."

Prospects for change seemed favorable. In addition to past Congressional granting of public lands to benefit national transportation and private industries, this form of aid had also been given in support of education. Connecticut and Kentucky had received land for seminaries of learning for the handicapped, as did Florida for the study of tropical plant cultivation.

In Massachusetts, a group of agricultural societies came together for a convention at the State House in 1851. The president of the delegates spoke of the underlying theme of the agenda. "It is also to be hoped that the cause of agricultural education, now about to receive the consideration of the Legislature, will not be overlooked in the deliberations of this body; and, if it be the opinion of this convention that agriculture may be promoted by the application of science, that such a sentiment may be expressed in terms so explicit as not to be misunderstood, and that the aid of government may be solicited for this purpose."

Various resolutions were considered at the gathering and discussions were long and vigorous. Unity prevailed, however, and the session was closed late in the evening when a delegate from Springfield admonished, "Let us remember that if the State provide the means and appliances for a scientific course of agricultural study, the young man must 'wake up from his drowsy nap,' and qualify himself 'to go up higher'."

Later in the decade these early efforts were realized when elected officials of the Commonwealth formally called for "a national, normal agricultural college, which should be to the rural sciences what West Point is to the military, for the purpose of educating teachers and professors for service in all the states in the republic."

In 1859, after a close vote, Congress passed the Morrill Act granting federal land to each state for higher education. However, President James Buchanan vetoed the bill in deference to the traditional policy of leaving control of education to individual states. Undaunted by defeat, a number of advocates of federal assistance persisted. Prominent figures in the movement included Vermont Senator and sponsor of the original bill, Justin Morrill and Jonathan B. Turner, the Illinois educator and farmer who was considered by some to be the originator of the land grant movement. Three years later the bill was resubmitted, requesting 30,000 acres of public land for each state senator and representative to Congress. During the throes of the Civil War, President Abraham Lincoln on July 2, 1862, signed into law the Morrill Land Grant Act.

To establish at least one college where the leading object shall be ... to teach such branches of learning

Cont.

as are related to Agriculture and the Mechanic Arts, in such a manner as the Legislatures of the States shall respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life. (Extract from Morrill Land Grant Act of 1862)

One writer at the turn of that century described the enactment as "... the beginning of one of the most comprehensive, far reaching, and one might say, grandiose, schemes for the endowment of higher education ever adopted by any civilized nation."

On April 18, 1863, the Massachusetts Legislature formally accepted the grant. The Massachusetts Institute of Technology received one-third of the land and the newly formed Massachusetts Agricultural College gained the remainder. After considerable debate over making the College a department of Harvard, the Legislature and Trustees opted instead to create a separate unit. On October 2, 1867, the College opened in Amherst to receive its first students.

To be in at the beginning of a new movement, or a new departure from the beaten path of common experience, which proves successful, is a matter of congratulation when success has been attained. But it requires more courage than men usually get credit for, to start with a movement that is in advance of the common thought, when there is liability that one may be buried in the ruins of the undertaking. The new college had not only to face ignorant prejudice, but it had the more difficult task of vindicating its right to be, and this was no easy matter, for the results of its work might not be manifest for years to come.

Initially beset with the numerous problems of infancy, in 1867 the Trustees of Massachusetts Agricultural College elected Professor William Clark from nearby Amherst College as the third President. He brought with him Henry Hill Goodell, his former botany student who was then teaching modern languages and gymnastics at Williston Academy in Easthampton. Goodell served the College for over 30 years as instructor, secretary to the Faculty, librarian, and beginning in 1884, as President. During the financially burdened period of that decade, he was particularly effective at convincing the Legislature of 1885 to increase state assistance.

At the College, meanwhile, Goodell strived to develop academic departments uniformly into "a strong symmetrical whole." His efforts also led to the expansion of the library. Despite discouragements of every description, Goodell persisted. After 12 years as President, he confidently reported to the Governor and Council:

Reviewing the past, we cannot but feel that the stage of experiment is over and we enter upon this the first year of its fourth decade with quickened hope that from a broader foundation the College will continue to rise and fulfill its mission of providing that "liberal and practical education that shall fit the industrial classes for the several pursuits and professions of life."

Facilities

TABLE 1: AMHERST CAMPUS BUILDING ACQUISITIONS
1867-Present

Dates of Acquisition	No. of Buildings	Gross Sq. Ft.	Cumulative No. Bldgs.	Cumulative Gross Sq. Ft.
1867-1900	13	124,829	13	124,829
1901-1910	16	176,890	29	301,719
1911-1920	19	200,089	48	501,808
1921-1930	18	114,193	66	616,001
1931-1940	16	236,019	82	852,020
1941-1950	34	545,323	116	1,397,343
1951-1960	58	1,563,532	174	2,960,875
1961-1970	88	4,198,769	262	7,159,644
1971-1980	94	1,758,102	356	8,917,746

TABLE 2: AMHERST CAMPUS NET USEABLE BUILDING AREA

Assignable Space	Area in Sq. Ft.	% of Net
Classrooms	214,711	2.82
General Use	455,292	5.98
Laboratories	832,256	10.94
Offices	954,253	12.54
Residential	1,992,850	26.18
Health Care	28,223	.37
Special Use	437,891	5.75
Library and Study	293,478	3.86
Support	641,405	8.43
Unclassified	12,302	.16
Remodel	30,247	.40
Total Net Assignable Area	5,892,908	77.43
Non-Assignable Space		
Circulation Area	1,434,156	18.84
Custodial Area	30,146	.40
Utility Area	253,311	3.33
Total Net Non-Assignable Area	1,717,613	22.57
TOTAL NET USEABLE AREA	7,610,521	100.00

NOTE: Effective 1/83.

SOURCE: Office of Space Management.



Five College Cooperation

Five Colleges, Inc., located in the Connecticut Valley, is one of the oldest and most successful educational consortia in the United States. Cooperation among the five institutions — Amherst, Hampshire, Mount Holyoke, and Smith College, and the University of Massachusetts/Amherst — has long been based on the principle that sharing of information and resources helps each college offer the best possible education to all.

Cooperative arrangements span the academic, social, and cultural activities of the institutions. Fundamental to the cooperative structure is student cross-registration for courses at any of the institutions at no additional cost. Student cross-registration is supported and facilitated by a free bus service among the five campuses. Additionally, libraries are open to all Five College students, who may check out books on other campuses just by showing their ID's.

Academic cooperation has resulted in two Five College Departments — Astronomy and Dance. These departments act as one, sharing faculty, facilities, and courses of the five campuses. There are also two formally constituted Five College Programs, in Black Studies and in East Asian Languages.

Academic cooperation also involves faculty exchange, Five College faculty seminars, joint M.A. and Ph.D. programs, and collaboration on a wide variety of special projects and performances. Five College Joint Faculty Appointments bring to the Valley outstanding scholars whose work in traditional fields is internationally recognized, or who are breaking ground in new areas of knowledge. In 1982-1983 Joint Appointments include Joseph Brodsky, the emigre' Russian poet, and W. Anthony Lake, who served as Director of Policy Planning for the U.S. State Department under the Carter Administration.

Other cooperative activities include the public broadcasting station WFCR (Five College Radio) on 88.5 FM; The Massachusetts Review, a quarterly review of literature, arts and public affairs; a Five College calendar of activities; the Five College Student Coordinating Board; and the Five College Orchestra. These highlights are only a few of the many activities that enhance the attractiveness to many prospective faculty and students of member institutions.

Five College cooperation has made a substantial contribution to the vitality of the academic community in the Valley. The Directors view cooperation as a priority in the planning processes of all the five institutions, and believe that joint effort will offer insight and solutions to some of the problems the future will pose for higher education.

Cont.

FIVE COLLEGE COURSE INTERCHANGE

TABLE 1: CROSS ENROLLMENT BY NUMBER OF COURSES
Spring 1981 and Fall 1982

FROM Home School	TO					Total Course Enrollments Out
	Amherst	Hampshire	Mt. Holyoke	Smith	UM/A	
Amherst	-	75	168	199	323	765
Hampshire	248	-	272	344	442	1,306
Mt. Holyoke	254	76	-	91	436	857
Smith	240	46	27	-	308	621
UM/A	379	353	139	321	-	1,192
Total Course Enrollments In	1,121	550	606	955	1,509	4,741
% In	23.7	11.6	12.8	20.1	31.8	100.0

SOURCE: Five Colleges, Inc.

TABLE 2: UM/A FTE ENROLLMENTS
Fall 1982

Institution	No. 5-Col. FTE Studying at UM/A	No. UM/A FTE Studying at Other Colleges
Amherst	32	31
Hampshire	47	30
Mt. Holyoke	38	12
Smith	26	28
TOTAL	143	101

SOURCE: Official Enrollment Report.

Cooperative Extension Service

Established in 1914 by an act of Congress, the Cooperative Extension Service (CES) is a tripartite partnership of Federal Government through the U.S. Department of Agriculture, county government, and each state's land grant college. The University of Massachusetts/Amherst houses the administration and program area specialists in the College of Food and Natural Resources. Many specialists are faculty with joint appointments between Extension and resident teaching or research. In addition, field staff (county agents) in the thirteen counties of the Commonwealth extend CES resources to the people of the state when and where it is needed.

The overall purpose of the Cooperative Extension Service is to provide accurate, current information for everyday application toward improved individual, group, and community decision-making. The CES delivery system is as diverse as the range of subjects addressed: extension staff conduct workshops, demonstrations and tours; produce radio and television programs; write newspaper columns; organize fairs and conferences; visit farms and answer thousands of telephone and written inquiries.

The Extension Service is comprised of five program departments: Agriculture and Natural Resources, Community Resource/Rural Development (CRD), Expanded Food and Nutrition Education Program (EFNEP), 4-H Youth, and Home Economics. Cooperatively, these departments address critical individual concerns and public issues, including programs in water quality and conservation, land use, agricultural renewal and viability, and environmental management work with individuals, community groups and local officials.

SELECTED STATISTICS

Program Area	FY 1982 Contacts	Examples of Programs
Agriculture/Nat. Res.	66,600	cranberry farming, small farms, gypsy moths
Community Res./Rural Dev.	15,800	hazardous wastes, local gov't, econ. development, land preservation, water
Expanded Food & Nutr. Ed. Prog.	254,000	nutrition education, food stamps
4-H Youth	71,390	bike safety, clothing, marine science, citizenship
Home Economics	56,850	money management, food preservation, energy, family life

For more information about the state-wide Cooperative Extension Service, contact the administrative offices in Stockbridge Hall, UMass/Amherst, 545-2715, or any of the following county offices: Barnstable (617) 362-2511; Berkshire (413) 448-8285; Bristol (617) 669-6794; Dukes (617) 693-0694; Essex (617) 774-0050; Franklin (413) 774-2902; Hampden (413) 736-7204; Hampshire (413) 584-2556; Middlesex (617) 369-4845; Norfolk (617) 668-0268; Plymouth (617) 293-3541; Suffolk (617) 482-0395; Worcester (617) 753-5477; Waltham Exp. Sta. (617) 891-0650; E. Wareham Cranberry Sta. (617) 295-2212; Mass. 4-H Ctr., Ashland (617) 881-5668.

SOURCE: Cooperative Extension Service.

Continuing Education

The Division of Continuing Education extends University resources to those people in the Commonwealth who are not full-time students, to local and national business firms throughout the State, and to the general community. A part of the University's Academic Affairs area, the Division works in close collaboration with the various academic units in planning and offering credit and non-credit programs designed to meet the educational needs of non-traditional students from these areas. During the Fall 1982 semester, for example, programs were held in Holyoke for human service professionals; in Amherst for the Amherst Area Teacher Center; in Nantucket, Great Barrington and Warren for family life educators in junior and senior high schools; and in Belchertown for Belchertown State School employees, to name but a few. More than 850 persons participated in University credit course offerings coordinated by Continuing Education outside of the formal University structure. In addition, the Division organizes evening programs, winter and summer sessions, and offers on an on-going basis a wide variety of credit-free workshops, professional education and cultural enrichment programs.

SELECTED STATISTICS, FALL 1982

Students:

New to Amherst Campus	1,096
Returning	<u>472</u>
Total	1,568

CREDIT DISTRIBUTION BY SCHOOL/COLLEGE/FACULTY

S/C/F	Evening Program	% of Total	University Day Courses	% of Total	Total
Arts/Science	2,646	70.0	3,949	70.0	6,595
Food & Natural Resc.	183	4.8	415	7.4	598
School of Management	849	22.5	105	1.9	954
Engineering	0	0	547	9.7	547
Health Science	3	.1	105	1.9	108
Physical Education	57	1.5	133	2.4	190
Education	42	1.1	244	4.3	286
Other	<u>0</u>	<u>0</u>	<u>133</u>	<u>2.4</u>	<u>133</u>
Total	3,780	100.0	5,631	100.0	9,411

SOURCE: Div. of Continuing Education, effective October 1982.

Officers, Board & Chancellor

OFFICERS OF THE UNIVERSITY

David C. Knapp, President
 Robert H. Brand, Treasurer
 Joseph Duffey, Chancellor/Amherst
 Robert E. Tranquada, Chancellor/Dean
 Worcester

Glen Stine, Assistant Vice President
 John Miller, (A) Administrative Secretary
 Robert A. Corrigan, Chancellor/Boston

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George R. Baldwin
 Andrew C. Knowles
 Einar Paul Robsham
 Nancy Caruso

James Carlin
 John Sweeney
 James Murphy, Student Trustee

Thomas P. Costin
 Robert H. Quinn
 Frederick S. Troy

CHANCELLOR OF THE AMHERST CAMPUS: Joseph Duffey

Educational Background

Marshall University	B.A.	1954
Andover Newton Theological School	B.D.	1958
Yale University	S.T.M.	1963
Hartford Seminary Foundation	Ph.D.	1969

Professional Experience

Teaching positions at Hartford Seminary Foundation, 1969-1970; Harvard University, Fellow of the School of Government, 1971-; Yale University, Adjunct Professor and Fellow of Calhoun College, 1971-1974; Chief Administrative Officer and Spokesman, American Association of University Professors, 1974-1977; Assistant Secretary of State, U.S. Department of State, Bureau of Educational and Cultural Affairs, Jan. through Oct., 1977; Chairman, The National Endowment for the Humanities, 1977-1981; Guest Scholar, The Brookings Institution, Washington, D.C., Jan. through Oct. 1, 1982; Chancellor, The University of Massachusetts/Amherst Campus, 1982- .

Selected Academic Honors, Fellowships, and Other Awards

Rockefeller Doctoral Fellowship, 1966-1968; Post Doctoral Fellow, Society for Values in Higher Education (Kent and Danforth Fellows), 1973-; The Order of Leopold II (Commander) for distinguished service, awarded by the Government of Belgium, 1980; Distinguished Service Award, American Association of University Presses, 1979; Presidential Medal, Brooklyn College, 1980.

Selected Higher Education & Civic Activities, Boards, Etc.

Member, Council on Foreign Relations, 1979-; Board Member, Woodrow Wilson International Center for Scholars, the Smithsonian Institution, 1977-1981; Board Member, The John F. Kennedy Center for the Performing Arts, 1977; Board Member, The East-West Center, Honolulu, Hawaii, 1977-1978; Board of Trustees, The Bunting Institute, Radcliffe College, 1982-; United States Delegation to 20th and 21st meetings of the United Nations Educational, Scientific and Cultural Organization, Paris, 1978; Belgrade, 1980; Member, Washington Secretariat for Higher Education, 1974-1977.

Board of Regents of Higher Education

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Vice President,
E.G. & G., Inc.

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Vice President,
General Electric Co., Pittsfield

Robert Cushman
Chief Executive Officer,
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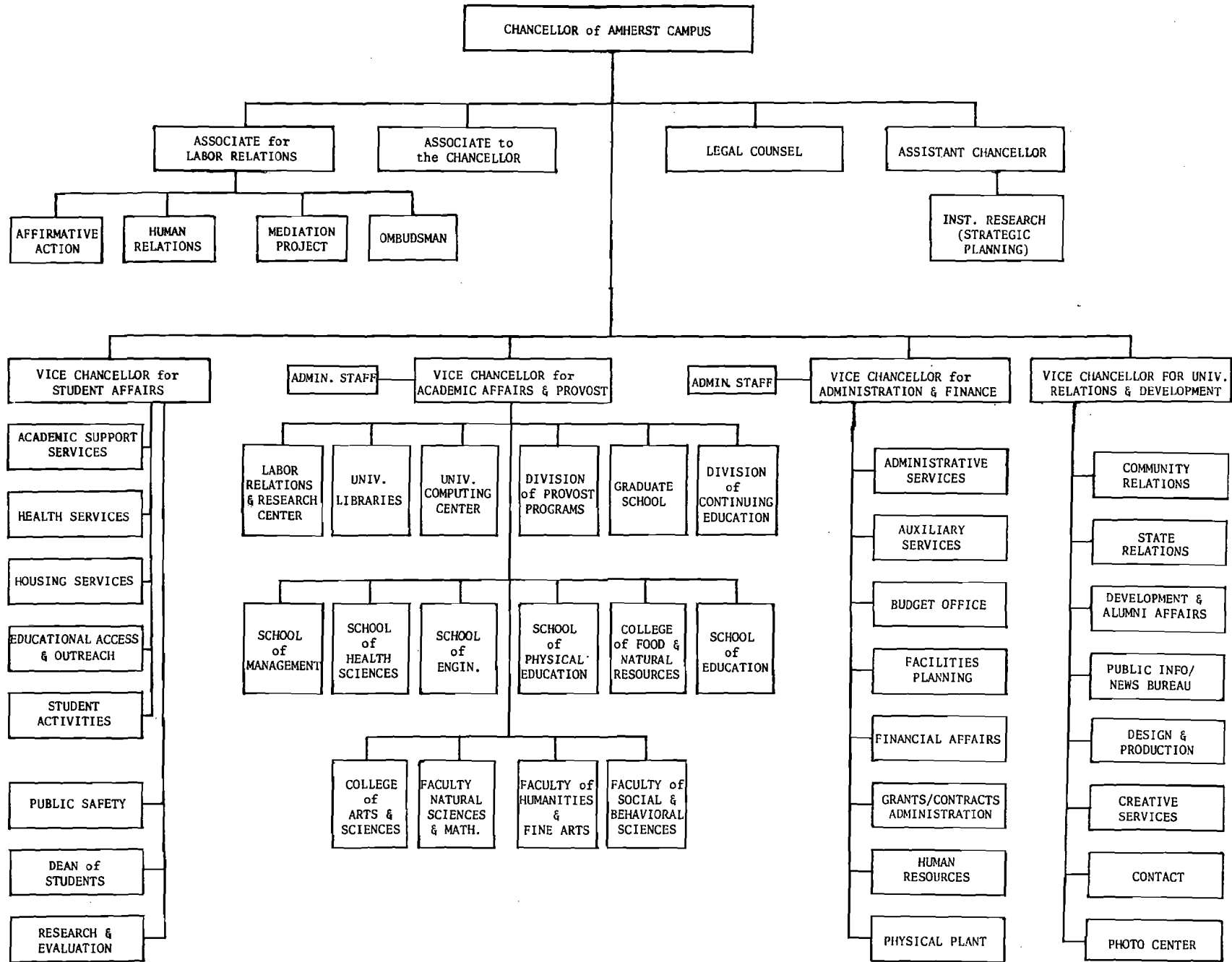
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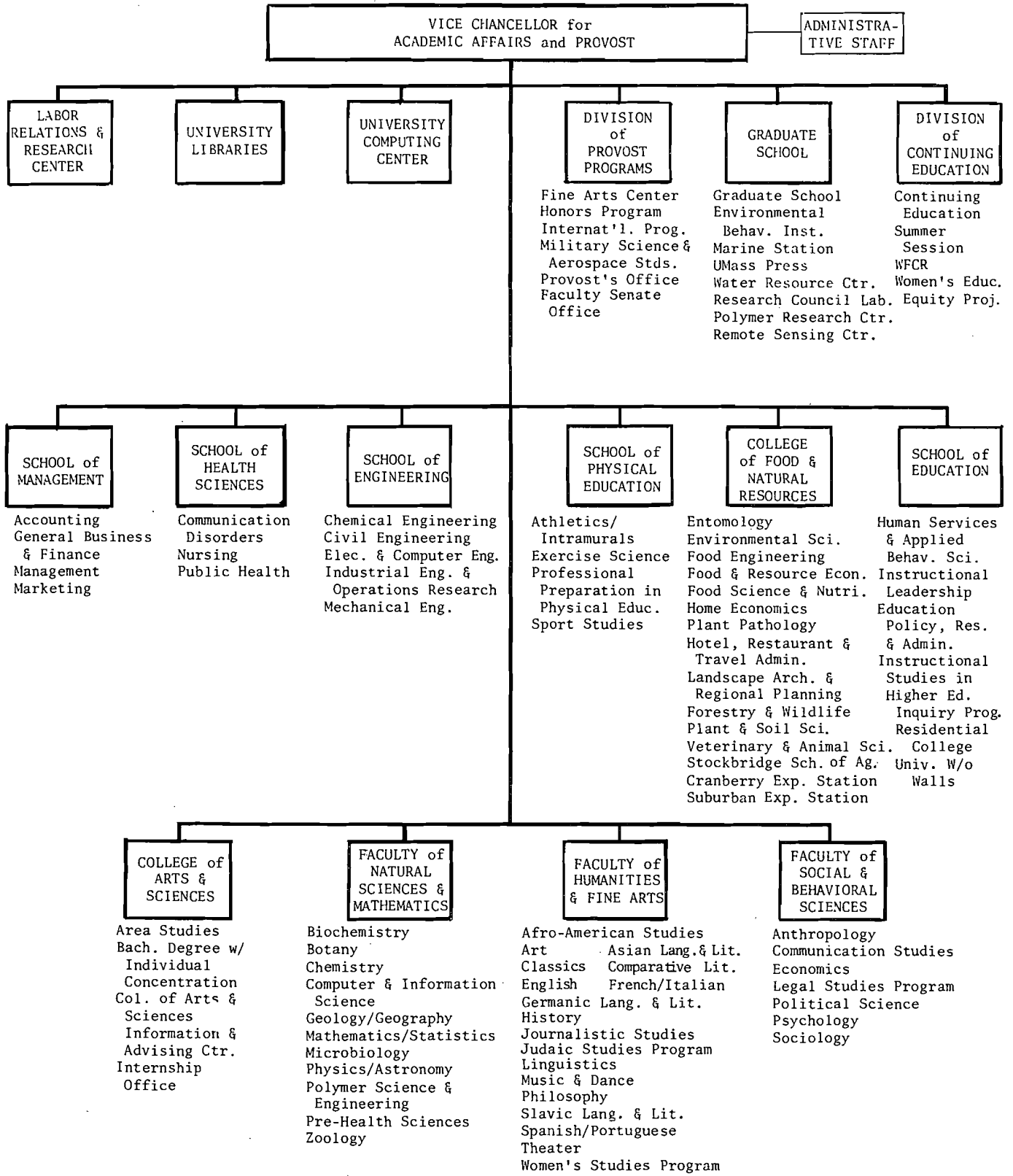
Norman Zalkind
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McCormack Building
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Boston, Massachusetts 02108

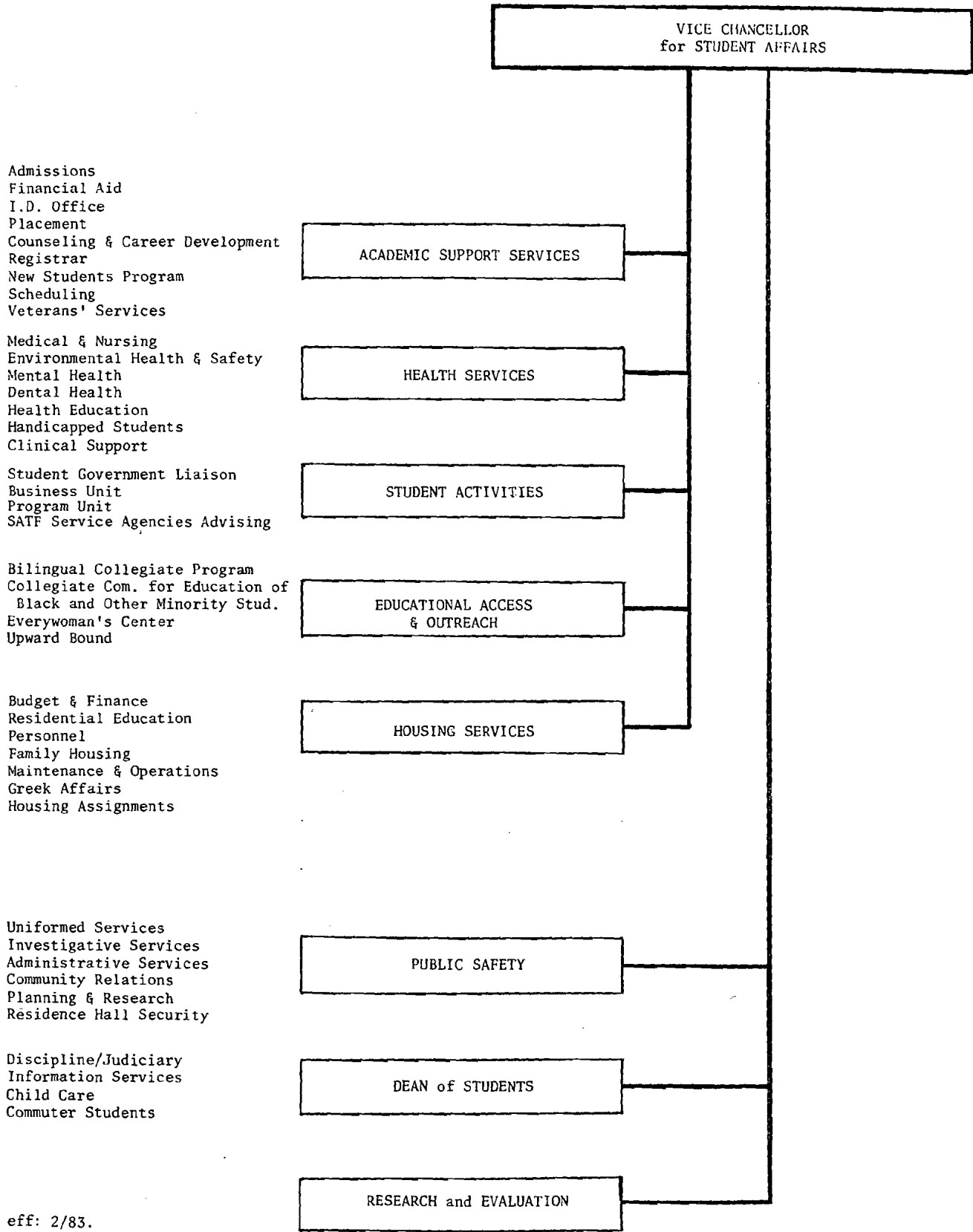
Organizational Chart



Organizational Chart

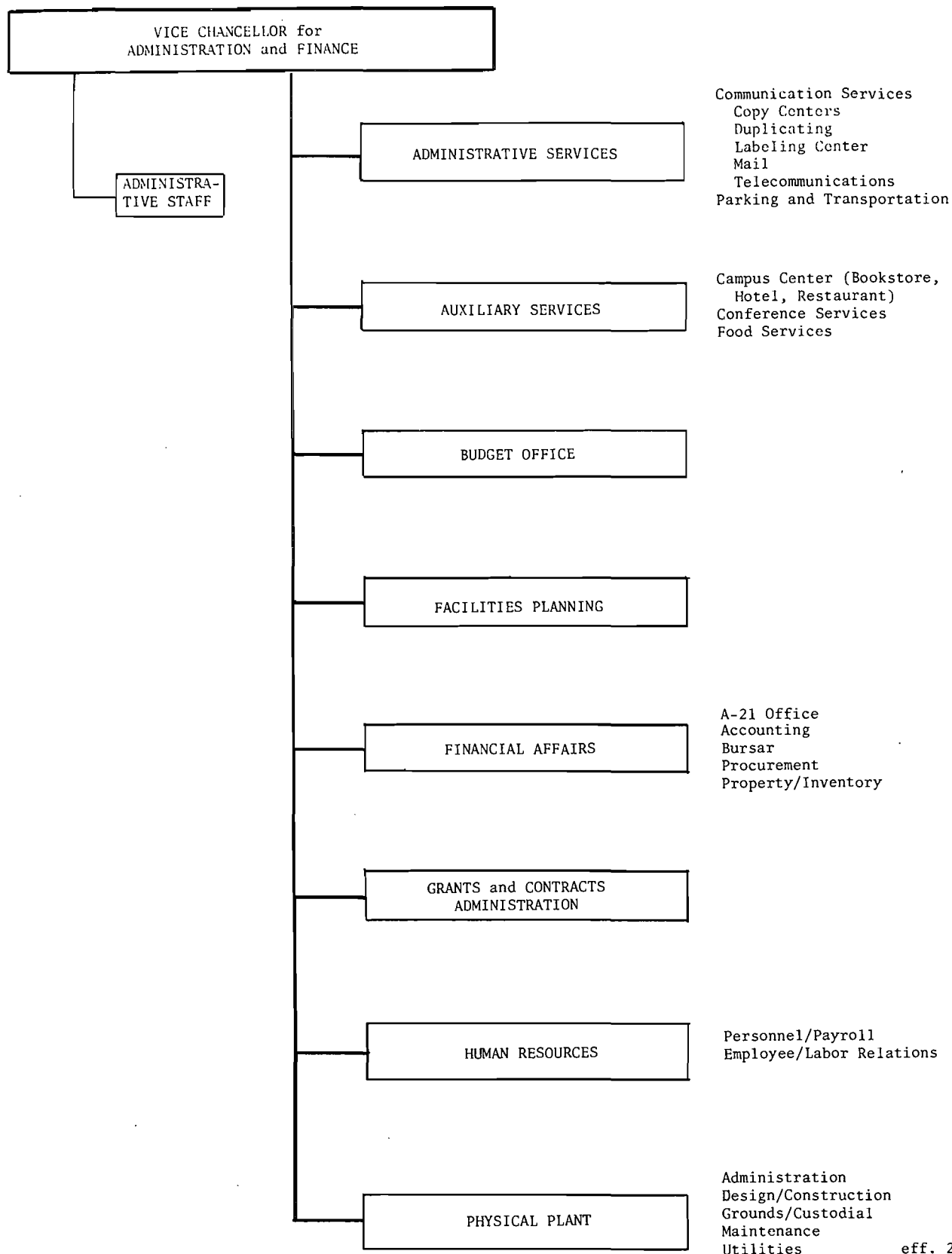


Organizational Chart

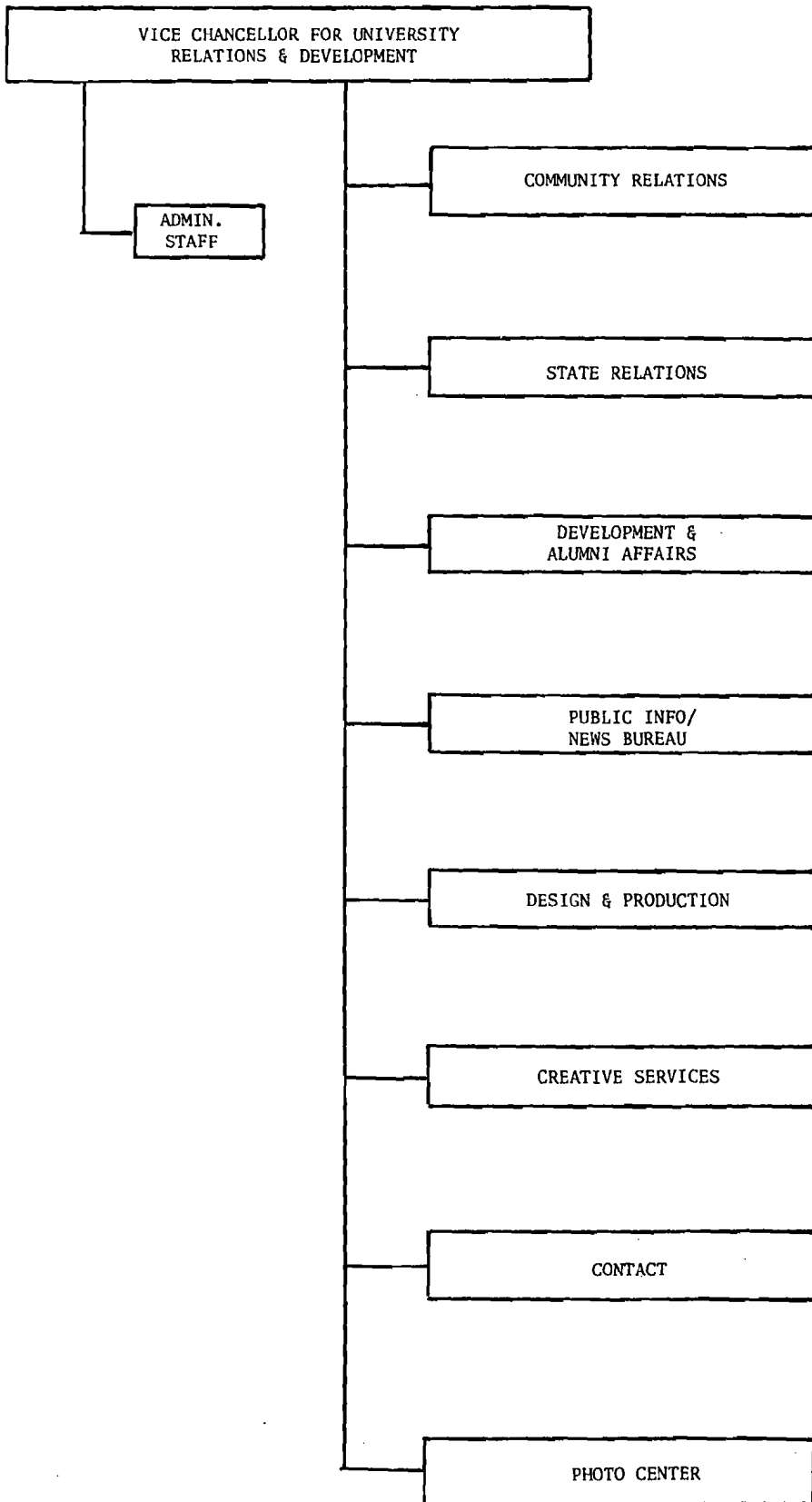


eff: 2/83.

Organizational Chart



Organizational Chart



2

Admissions and Enrollment

Applications, Acceptances, Enrollments

	Fall 1978			Fall 1979			Fall 1980			Fall 1981		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Freshmen												
Applied	7,016	6,417	13,433	6,722	6,200	12,922	6,259	5,802	12,061	6,977	6,487	13,464
Accepted	5,346	5,095	10,441	4,901	4,880	9,781	4,852	4,870	9,722	4,904	4,956	9,860
% of Applied	76.2	79.4	77.7	72.9	78.7	73.5	77.5	83.9	80.6	70.3	76.4	73.2
Enrolled	2,146	1,965	4,111	1,963	1,927	3,890	2,180	2,033	4,213	2,093	2,016	4,109
% of Applied	30.6	30.6	30.6	29.2	31.1	30.1	34.8	35.0	34.9	30.0	31.1	30.5
% of Accepted	40.1	38.6	39.4	40.1	39.5	39.8	44.9	41.7	43.3	42.7	40.7	41.7
Stockbridge												
Applied	*	*	526	*	*	431	285	104	389	244	93	337
Accepted	*	*	276	*	*	351	270	92	362	190	50	240
% of Applied	*	*	52.5	*	*	81.4	94.7	88.5	93.1	77.9	53.8	71.2
Enrolled	*	*	273	*	*	214	188	52	240	176	43	219
% of Applied	*	*	51.9	*	*	49.7	66.0	50.0	61.7	72.1	46.2	65.0
% of Accepted	*	*	98.9	*	*	61.0	69.7	56.5	66.3	92.6	86.0	91.3
Transfers												
Applied	2,068	1,891	3,959	1,882	1,793	3,675	1,790	1,655	3,445	1,883	1,841	3,724
Accepted	1,308	1,286	2,594	1,234	1,273	2,507	1,020	1,065	2,085	1,034	1,171	2,205
% of Applied	63.2	68.0	65.5	65.6	71.0	68.2	57.0	64.4	60.5	54.9	63.6	59.2
Enrolled	897	814	1,711	753	734	1,487	677	627	1,349	678	653	1,331
% of Applied	43.4	43.0	43.2	40.0	40.9	40.1	37.8	37.9	39.2	36.0	35.5	35.7
% of Accepted	68.6	63.3	66.0	61.0	57.7	59.3	66.4	63.1	64.7	65.6	55.8	60.4
Graduates												
Applied	2,848	2,215	5,063	2,270	2,816	5,086	2,937	2,252	5,189	2,829	2,236	5,065
Accepted	1,284	917	2,201	1,114	1,329	2,443	1,421	1,110	2,531	1,363	1,142	2,505
% of Applied	45.1	41.4	43.5	49.1	47.2	48.0	48.4	49.3	48.8	48.0	51.1	49.5
Enrolled	659	456	1,115	603	676	1,279	719	612	1,331	687	631	1,318
% of Applied	23.1	20.6	22.0	26.6	24.0	25.3	24.5	27.2	25.7	24.3	28.2	26.0
% of Accepted	51.3	49.7	50.7	54.1	50.9	52.4	50.6	55.1	52.6	50.4	55.3	52.6

*Not available

Fall 1982

Fall 1983

Fall 1984

Fall 1985

	Male	Female	Total
Freshmen - Source: Freshmen admissions.			
Applied	7,007	6,767	13,774
Accepted	4,792	4,918	10,852
% of Applied	68.4	72.7	78.8
Enrolled	2,246	2,075	4,323
% of Applied	32.1	30.7	31.4
% of Accepted	46.9	42.2	39.8

Male	Female	Total

Male	Female	Total

Male	Female	Total

	Male	Female	Total
Stockbridge - Source: Freshman admissions.			
Applied	227	66	293
Accepted	221	63	284
% of Applied	97.4	95.4	96.9
Enrolled	152	34	186
% of Applied	67.0	51.5	63.5
% of Accepted	68.8	54.0	65.5

Male	Female	Total

Male	Female	Total

Male	Female	Total

	Male	Female	Total
Transfers - Source: Freshmen admissions.			
Applied	1,856	1,705	3,561
Accepted	1,040	1,138	2,178
% of Applied	56.0	66.7	61.2
Enrolled	696	706	1,401
% of Applied	37.5	41.4	39.3
% of Accepted	66.9	62.0	64.3

Male	Female	Total

Male	Female	Total

Male	Female	Total

	Male	Female	Total
Graduates - Source: Graduate Factbook.			
Applied	2,781	2,262	5,043
Accepted	1,290	1,158	2,448
% of Applied	46.4	51.2	48.6
Enrolled	668	583	1,251
% of Applied	24.0	25.8	24.8
% of Accepted	51.8	50.3	51.1

Male	Female	Total

Male	Female	Total

Male	Female	Total

Freshman Admissions

FRESHMEN ADMISSIONS						
School, College or Faculty	Fall 1980		Fall 1981		Fall 1982	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Arts & Sciences General						
Applied	4,210	34.9	4,832	35.8	5,772	41.9
Accepted	3,075	31.6	3,110	31.6	N/A	N/A
Enrolled	1,548	36.7	1,521	-	1,872	43.3
Humanities & Fine Arts						
Applied	1,031	8.6	992	7.4	1,331	9.7
Accepted	816	8.4	736	7.5	N/A	N/A
Enrolled	352	8.4	302	7.3	272	6.3
Social & Behavioral Sciences						
Applied	1,403	11.6	1,505	11.2	1,145	8.3
Accepted	1,264	13.0	1,174	11.9	N/A	N/A
Enrolled	474	11.3	430	10.5	310	7.2
Natural Sciences & Math						
Applied	1,212	10.1	1,539	11.4	1,338	9.7
Accepted	1,138	11.7	1,351	13.7	N/A	N/A
Enrolled	430	10.2	448	10.9	488	11.3
Food & Natural Resources						
Applied	1,083	9.0	1,116	8.3	1,127	8.2
Accepted	914	9.4	812	8.2	762	7.8
Enrolled	431	10.2	396	9.6	381	8.8
Engineering						
Applied	1,340	11.1	1,490	11.1	1,403	10.2
Accepted	1,209	12.4	1,282	13.0	1,190	12.3
Enrolled	485	11.5	491	12.0	513	11.9
Management						
Applied	1,126	9.3	1,381	10.3	1,157	8.4
Accepted	781	8.0	989	10.0	919	9.5
Enrolled	299	7.1	369	9.0	352	8.2
Physical Education						
Applied	252	2.1	228	1.7	181	1.3
Accepted	189	1.9	152	1.5	108	1.1
Enrolled	75	1.8	53	1.3	45	1.0
Health Sciences						
Applied	203	1.7	176	1.3	155	1.1
Accepted	166	1.7	125	1.3	114	1.2
Enrolled	57	1.4	49	1.2	41	1.0
Education						
Applied	201	1.7	205	1.5	165	1.2
Accepted	170	1.8	129	1.3	101	1.0
Enrolled	62	1.5	50	1.2	47	1.0
Other						
Applied	-	-	-	-	-	-
Accepted	-	-	-	-	-	-
Enrolled	-	-	-	-	-	-
Total						
Applied	12,061	100.0	13,464	100.0	13,774	100.0
Accepted	9,722	100.0	9,860	100.0	10,852	N/A
Enrolled	4,213	100.0	4,109	100.0	4,323	100.0

NOTE: Students are sometimes accepted and enrolled in programs other than those to which they applied.

SOURCE: Undergraduate Admissions Office.

Transfer Admissions

TRANSFER ADMISSIONS						
School, College or Faculty	Fall 1980		Fall 1981		Fall 1982	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Arts & Sciences Undeclared						
Applied	640	18.6	713	19.1	852	23.9
Accepted	555	17.0	421	19.1	655	30.0
Enrolled	236	17.5	263	19.8	333	23.9
Humanities & Fine Arts						
Applied	404	11.7	414	11.1	455	12.8
Accepted	271	13.0	281	12.7	261	12.0
Enrolled	173	12.8	146	11.0	184	13.1
Social & Behavioral Sciences						
Applied	488	14.2	531	14.3	341	9.6
Accepted	332	15.9	367	16.6	165	7.6
Enrolled	207	15.3	213	16.0	128	9.1
Natural Sciences & Math						
Applied	286	8.3	316	8.5	323	9.1
Accepted	198	9.5	198	9.0	198	9.1
Enrolled	114	8.5	120	9.0	138	9.9
Food & Natural Resources						
Applied	567	16.5	655	17.6	532	14.9
Accepted	331	15.9	387	17.6	336	15.4
Enrolled	229	17.0	236	17.7	223	16.0
Engineering						
Applied	363	10.5	371	10.0	354	9.9
Accepted	203	9.7	182	8.3	181	8.3
Enrolled	127	9.4	116	8.7	122	8.7
Management						
Applied	269	7.8	349	9.4	376	10.6
Accepted	130	6.2	124	5.6	154	7.1
Enrolled	88	6.5	86	6.5	115	8.2
Physical Education						
Applied	81	2.4	75	2.0	49	1.4
Accepted	41	2.0	47	2.1	28	1.3
Enrolled	23	1.7	31	2.3	20	1.4
Health Sciences						
Applied	117	3.4	106	2.8	84	2.4
Accepted	72	3.5	63	2.9	45	2.1
Enrolled	43	3.2	36	2.7	30	2.1
Education						
Applied	116	3.4	112	3.0	103	2.9
Accepted	73	3.5	78	3.5	78	3.6
Enrolled	50	3.7	39	2.9	41	2.9
Other						
Applied	114	3.3	82	2.2	90	2.5
Accepted	79	3.8	57	2.6	77	3.5
Enrolled	59	4.4	45	3.4	66	4.7
Total						
Applied	3,445	100.0	3,724	100.0	3,561	100.0
Accepted	2,085	100.0	2,205	100.0	2,178	100.0
Enrolled	1,349	100.0	1,331	100.0	1,401	100.0

Source: Undergraduate Admissions Office.

MEDIAN SAT SCORES AND HIGH SCHOOL RANK BY SCHOOL OR COLLEGE FOR INCOMING FALL FRESHMEN

School or College	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Verbal														
Arts & Sciences: Male	547	548	545	523	523	511	500	477	479	471	458	460	464	
Arts & Sciences: Female	560	567	551	517	512	499	503	483	483	474	458	455	458	
Food & Natural Resources	519	515	511	491	499	484	482	467	450	451	442	441	458	
Engineering	516	514	490	486	491	475	487	473	482	478	469	478	484	
School of Management	486	491	494	473	469	458	476	473	473	467	462	465	477	
Physical Education	474	473	459	445	462	415	438	431	405	402	410	404	410	
Education	518	518	501	484	462	445	448	442	444	434	423	445	450	
Health Sciences	505	513	516	493	500	447	467	490	445	485	490	454	490	
ALL STUDENTS	537	538	530	504	503	489	491	475	474	469	457	458	465	
Quantitative														
Arts & Sciences: Male	593	590	589	580	573	558	550	537	524	520	510	517	520	
Arts & Sciences: Female	562	565	555	530	523	510	515	497	499	495	478	476	476	
Food & Natural Resources	549	538	543	535	531	510	517	502	502	504	486	484	492	
Engineering	602	618	608	597	584	576	598	591	584	579	582	592	586	
School of Management	556	570	577	565	540	535	550	551	550	535	529	535	552	
Physical Education	530	516	520	514	508	465	486	468	450	435	452	457	472	
Education	541	536	528	514	501	472	495	466	496	465	453	446	472	
Health Sciences	529	541	527	532	533	494	513	491	500	492	509	491	490	
ALL STUDENTS	570	573	564	550	540	528	533	523	519	515	504	510	512	
High School Rank (In Percentiles)														
Arts & Sciences: Male		83	83	82	78	79	74	70	68	67	63	64	67	
Arts & Sciences: Female		90	88	85	85	83	83	80	80	79	73	73	72	
Food & Natural Resources	NOT AVAIL- ABLE	81	82	80	78	71	78	74	72	70	71	69	69	
Engineering		84	79	79	79	82	83	79	81	81	78	82	84	
School of Management		75	77	73	73	76	79	80	81	80	83	81	80	
Physical Education		77	70	68	77	76	76	67	63	65	63	66	67	
Education		88	83	79	77	71	81	73	74	72	66	71	61	
Health Sciences		88	87	85	87	84	86	87	84	78	79	82	81	
ALL STUDENTS		85	85	83	81	80	80	79	75	75	74	72	71	

Source: Freshman Profile.

SAT MEDIAN SCORES FOR INCOMING FALL FRESHMEN

HIGH SCHOOL RANK (In Percentiles)

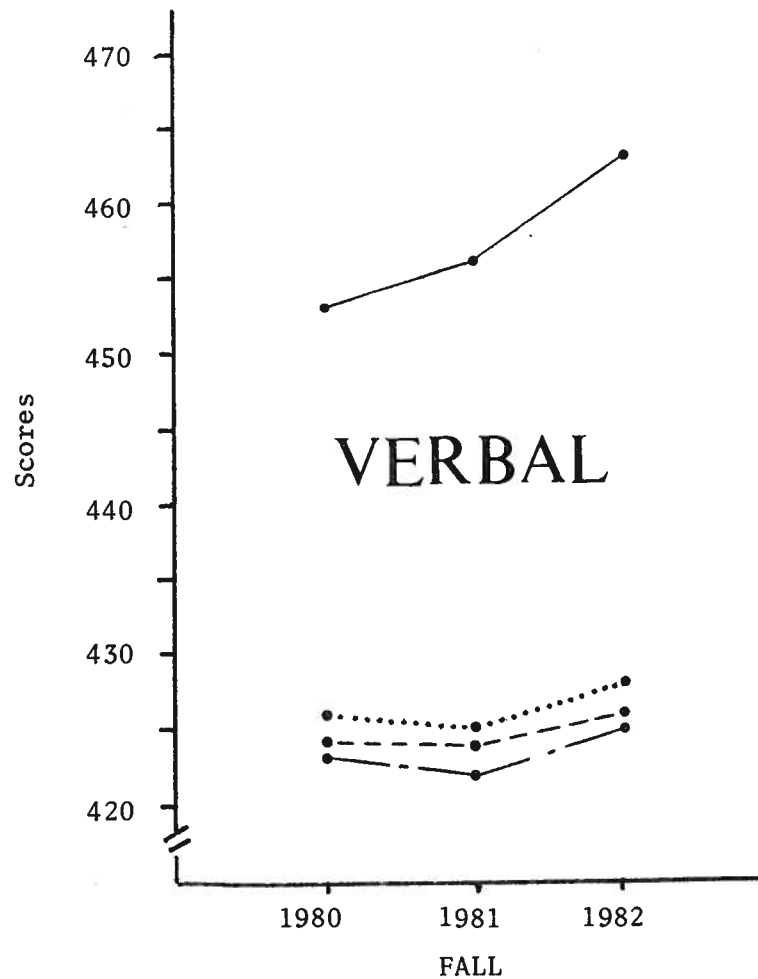
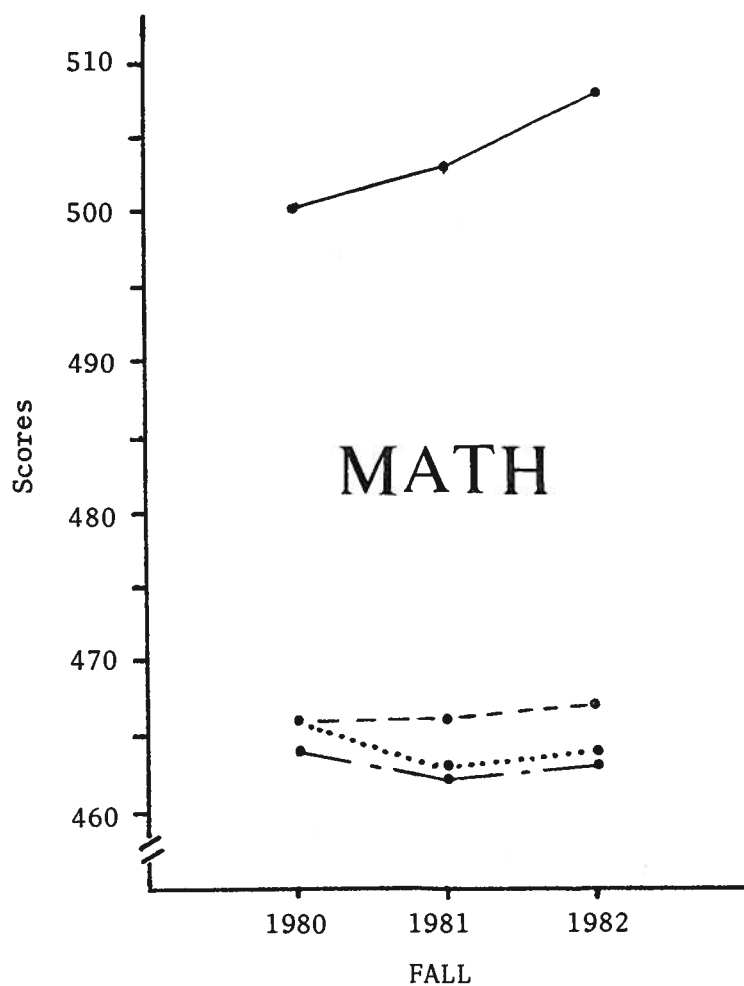
Year	Number*			Verbal			Quantitative			HIGH SCHOOL RANK (In Percentiles)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1962	1,060	757	1,817	520	552	534	575	556	568			
1963	1,171	999	2,170	529	554	541	588	557	571			
1964	1,225	1,348	2,573	545	568	558	600	565	582			
1965	1,313	1,203	2,516	557	579	568	604	580	588			
1966	1,522	1,321	2,843	535	563	548	588	567	576			
1967	1,625	1,310	2,935	524	552	536	575	555	567			
1968	1,643	1,325	2,968	529	554	541	585	557	575	80	94	85
1969	1,709	1,723	3,432	533	550	542	591	558	574	80	91	86
1970	1,751	1,524	3,275	529	539	537	584	555	570	81	89	86
1971	2,086	1,569	3,655	528	550	538	585	556	573	81	89	85
1972	1,840	1,554	3,394	525	535	530	585	556	573	81	89	85
1973	1,920	1,794	3,714	501	506	504	581	546	564	80	86	83
1974	1,867	1,851	3,718	504	503	503	572	528	550	78	84	81
1975	1,867	1,851	3,718	504	503	503	564	521	540	76	83	80
1975	1,890	1,847	3,737	494	484	489	550	507	528	74	82	80
1976	2,059	1,648	3,707	488	494	491	554	513	533	75	83	79
1977	2,226	1,856	4,082	471	479	475	554	513	533	75	83	79
1977	2,226	1,856	4,082	471	479	475	543	498	523	70	81	75
1978	2,146	1,965	4,111	472	476	474	543	498	523	70	81	75
1978	2,146	1,965	4,111	472	476	474	533	503	519	70	81	75
1979	1,963	1,927	3,890	469	469	469	533	503	519	70	81	75
1979	1,963	1,927	3,890	469	469	469	534	496	515	70	79	74
1980	2,180	2,031	4,211	456	458	457	534	496	515	70	79	74
1980	2,180	2,031	4,211	456	458	457	523	484	504	67	75	71
1981	2,092	2,016	4,108	462	454	458	523	484	504	67	75	71
1981	2,092	2,016	4,108	462	454	458	532	486	510	69	75	72
1982	2,247	2,076	4,323	467	464	465	532	486	510	69	75	72
1982	2,247	2,076	4,323	467	464	465	536	488	512	68	75	71

(NOT AVAILABLE)

SAT Scores and H.S. Rank

* Number for whom records exist.
SOURCE: Freshman Profile.

COMPARISON OF NATIONAL, REGIONAL AND STATE SAT MEANS WITH UM/A ENTERING FRESHMEN
1980-1982

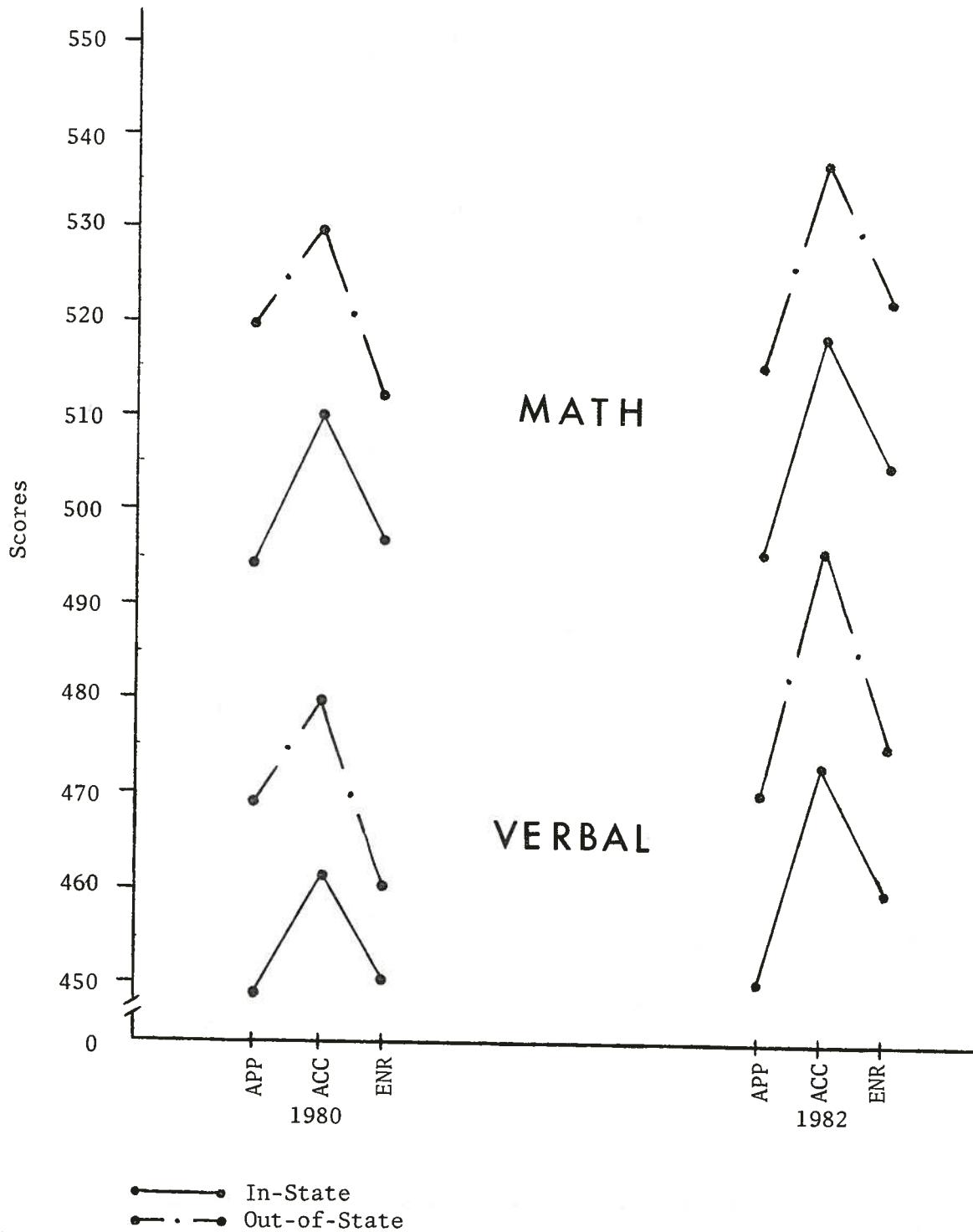


—●— UM/A ●.....● New England
 - - - ● National ● - - ● Massachusetts

SOURCE: Freshman Admissions.

SAT Scores

COMPARISON OF CEEB MEAN SAT SCORES
 APPLIED, ACCEPTED, ENROLLED FRESHMEN
 BY RESIDENCE, 1980 & 1982



SOURCE: Freshmen Admissions.

Graduate Admissions

GRADUATE ADMISSIONS						
School, College or Faculty	Fall 1980		Fall 1981		Fall 1982	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Arts & Sciences General						
Applied	-	-	-	-	-	-
Accepted	-	-	-	-	-	-
Enrolled	-	-	-	-	-	-
Humanities & Fine Arts						
Applied	614	11.8	608	12.0	572	11.3
Accepted	335	13.2	349	13.9	315	12.9
Enrolled	152	11.4	151	11.5	142	11.4
Social & Behavioral Sciences						
Applied	1,082	20.9	1,033	20.3	1,048	20.8
Accepted	267	10.5	227	9.1	217	8.9
Enrolled	124	9.3	100	7.6	99	7.9
Natural Sciences & Math.						
Applied	671	12.9	746	14.7	831	16.5
Accepted	366	14.5	398	15.9	388	15.8
Enrolled	153	11.5	191	14.5	165	13.2
Food & Natural Resources						
Applied	491	9.5	458	9.1	431	8.5
Accepted	271	10.7	236	9.4	248	10.1
Enrolled	143	10.7	131	9.9	128	10.2
Engineering						
Applied	489	9.4	520	10.3	494	9.8
Accepted	268	10.6	263	10.5	285	11.6
Enrolled	113	8.5	115	8.7	121	9.7
School of Management						
Applied	514	9.9	481	9.5	518	10.3
Accepted	326	12.9	241	9.6	244	10.0
Enrolled	153	11.5	103	7.8	110	8.8
Physical Education						
Applied	140	2.7	150	3.0	142	2.8
Accepted	66	2.6	81	3.2	74	3.0
Enrolled	37	2.8	50	3.8	50	4.0
Health Sciences						
Applied	344	6.6	355	7.0	351	7.0
Accepted	179	7.1	212	8.5	210	8.6
Enrolled	67	5.0	66	5.0	78	6.2
Education						
Applied	636	12.3	512	10.1	459	9.1
Accepted	323	12.8	337	13.5	300	12.3
Enrolled	277	20.9	270	20.5	225	18.0
Other						
Applied	208	4.0	202	4.0	197	3.9
Accepted	130	5.1	161	6.4	167	6.8
Enrolled	112	8.4	141	10.7	133	10.6
Total						
Applied	5,189	100.0	5,065	100.0	5,043	100.0
Accepted	2,531	100.0	2,505	100.0	2,448	100.0
Enrolled	1,331	100.0	1,318	100.0	1,251	100.0

Source: Graduate School Factbooks.

Semester	Undergraduate			Graduate			Stockbridge			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Fall 1930	482	163	645			65			240			950
Fall 1935	769	300	1,069			122			236			1,427
Fall 1940	833	431	1,264			126			280			1,670
Fall 1945	196	626	822			30			150			1,002
Fall 1950	1,989	787	2,776	284	26	310	428	10	438	2,701	823	3,524
Fall 1955	2,469	1,197	3,666	243	94	337	331	7	338	3,043	1,298	4,341
Fall 1960	3,280	2,051	5,331	600	168	768	387	9	396	4,267	2,228	6,495
Fall 1961	3,578	2,201	5,779	670	175	845	381	13	394	4,629	2,389	7,018
Fall 1962	3,794	2,456	6,250	730	245	975	431	20	451	4,955	2,721	7,676
Fall 1963	4,184	2,870	7,054	964	339	1,303	434	20	454	5,582	3,229	8,811
Fall 1964	4,681	3,486	8,167	1,346	500	1,846	457	27	484	6,484	4,013	10,497
Fall 1965	5,094	4,009	9,103	1,650	590	2,240	490	26	516	7,234	4,625	11,859
Fall 1966	5,860	4,761	10,621	1,830	684	2,514	517	27	544	8,207	5,472	13,679
Fall 1967	6,558	5,226	11,784	2,015	820	2,835	554	38	592	9,127	6,084	15,211
Fall 1968	7,213	5,629	12,847	2,130	977	3,107	551	47	598	9,899	6,653	16,552
Fall 1969	8,007	6,443	14,450	2,649	1,152	3,801	574	62	636	11,230	7,657	18,887
Fall 1970	8,689	6,676	15,365	3,017	1,447	4,464	560	73	633	12,266	8,196	20,462
Fall 1971	9,373	6,935	16,313	3,718	1,849	5,567	549	76	625	13,645	8,860	22,505
Fall 1972	9,972	7,710	17,682	3,627	1,752	5,379	565	84	649	14,164	9,546	23,710
Fall 1973	10,155	8,164	18,319	3,391	1,766	5,167	512	140	652	14,058	10,070	24,138
Fall 1974	10,492	8,447	18,939	3,269	1,907	5,176	424	160	584	14,185	10,514	24,699
Fall 1975	10,916	8,880	19,796	3,413	2,082	5,495	439	154	593	14,768	11,116	25,884
Fall 1976	10,116	8,206	18,322	3,188	2,029	5,217	422	146	568	13,776	10,381	24,107
Fall 1977	10,097	8,211	18,308	3,026	2,087	5,113	400	132	532	13,523	10,430	23,953
Fall 1978	10,049	8,469	18,518	2,848	2,129	4,977	394	129	523	13,291	10,727	24,018
Fall 1979	9,828	8,653	18,481	2,828	2,277	5,105	323	103	426	12,979	11,033	24,012
Fall 1980	9,945	9,070	19,015	2,883	2,400	5,283	341	98	439	13,169	11,568	24,737
Fall 1981	9,991	9,246	19,237	2,462	2,762	5,224	344	98	442	12,797	12,106	24,903
Fall 1982	9,935	9,291	19,226	2,881	2,475	5,356	288	79	367	13,104	11,845	24,949

SOURCE: Registrars' Reports.

Headcount Enrollment by School, College & Faculty

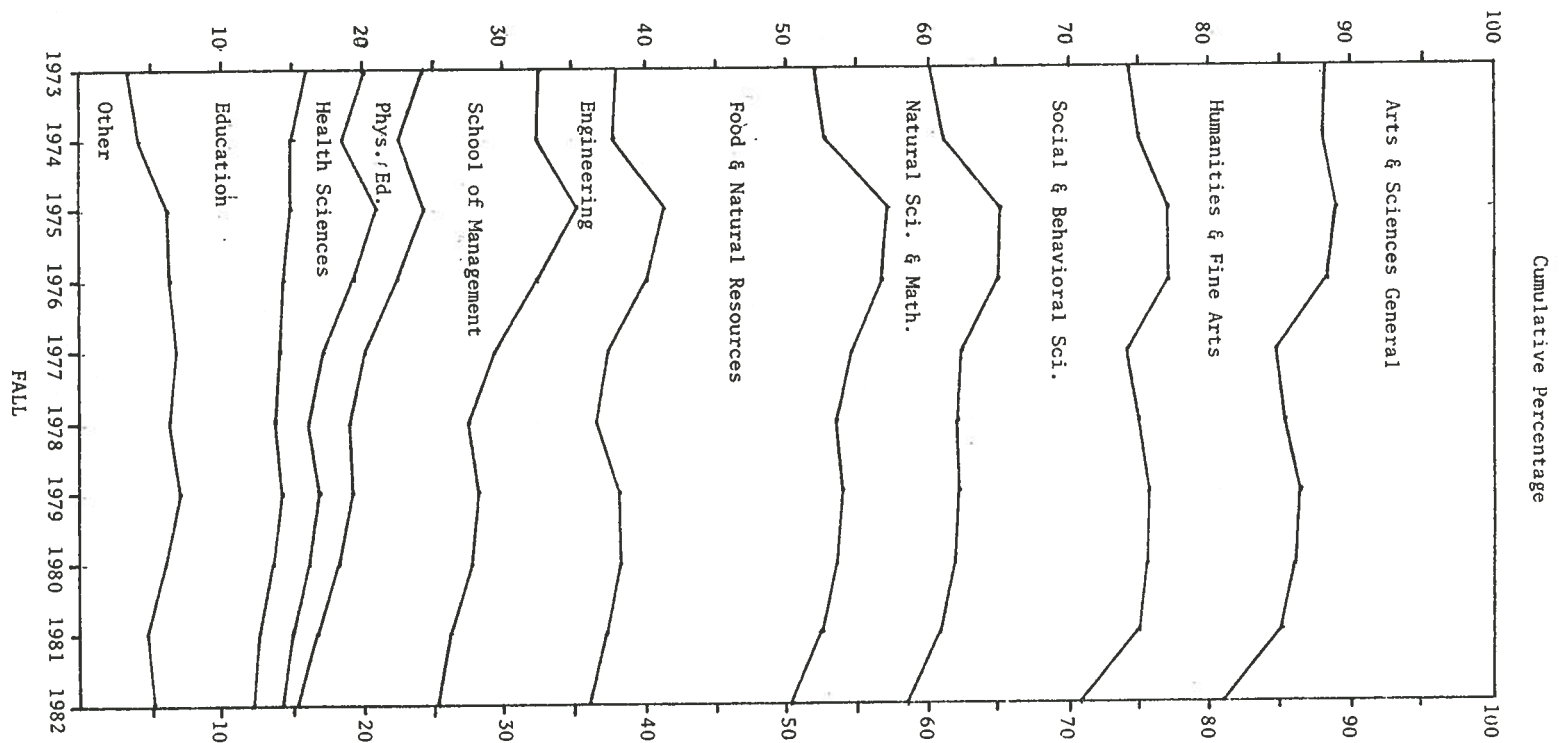
HEADCOUNT ENROLLMENT BY SCHOOL, COLLEGE & FACULTY

School, College or Faculty	Fall 1980	Spring 1981	Fall 1981	Spring 1982	Fall 1982	Spring 1983
Arts & Sciences General						
Undergraduate	3,418	2,797	3,580	3,286	4,655	
Graduate	---	---	---	---	---	
Total	3,418	2,797	3,580	3,286	4,655	
Humanities & Fine Arts						
Undergraduate	2,036	1,998	1,990	1,961	2,026	
Graduate	530	520	535	513	541	
Total	2,566	2,518	2,525	2,474	2,567	
Social & Behavioral Sciences						
Undergraduate	2,817	2,856	3,016	2,877	2,500	
Graduate	588	558	552	531	543	
Total	3,405	3,414	3,568	3,408	3,043	
Natural Sciences & Mathematics						
Undergraduate	1,409	1,322	1,440	1,365	1,471	
Graduate	614	590	653	627	660	
Total	2,023	1,912	2,093	1,992	2,131	
Food & Natural Resources						
Stockbridge	439	390	442	384	367	
Undergraduate	2,962	2,903	2,897	2,761	2,737	
Graduate	415	408	425	401	425	
Total	3,816	3,701	3,764	3,546	3,529	
Engineering						
Undergraduate	2,235	2,086	2,400	2,166	2,317	
Graduate	360	313	348	384	376	
Total	2,595	2,399	2,748	2,550	2,693	
School of Management						
Undergraduate	1,939	1,978	2,005	1,988	1,881	
Graduate	379	303	360	399	348	
Total	2,318	2,281	2,365	2,387	2,229	
Physical Education						
Undergraduate	431	411	379	365	358	
Graduate	114	91	103	104	111	
Total	545	502	482	469	469	
Health Sciences						
Undergraduate	405	407	398	379	350	
Graduate	190	180	187	169	189	
Total	595	587	585	548	539	
Education						
Undergraduate	542	577	713	682	592	
Graduate	1,359	1,243	1,229	1,327	1,212	
Total	1,901	1,820	1,942	2,009	1,804	
Other						
Undergraduate	821	788	419	246	339	
Graduate	734	952	832	709	951	
Total	1,555	1,740	1,251	955	1,290	
Total						
Stockbridge	439	390	442	384	367	
Undergraduate	19,015	18,123	19,237	18,076	19,226	
Graduate	5,283	5,158	5,224	5,164	5,356	
Grand Total	24,737	23,671	24,903	23,624	24,949	

Source: Official Enrollment Report.

FALL HEADCOUNT ENROLLMENT BY SCHOOL, COLLEGE & FACULTY FOR ALL LEVELS

School/College/Faculty	Relative Percentage									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Arts & Sciences General	11.6	11.7	10.9	11.4	15.0	14.3	13.2	13.7	14.5	18.7
Humanities & Fine Arts	13.7	13.0	11.8	11.3	10.7	10.6	10.8	10.4	10.1	10.3
Social & Behavioral Science	14.3	14.1	12.0	12.1	11.6	12.7	13.3	13.8	14.3	12.2
Natural Sciences & Mathematics	8.2	8.2	7.8	8.2	7.8	8.7	8.5	8.2	8.4	8.5
Food & Natural Resources	14.1	15.0	15.9	16.9	17.2	16.8	15.8	15.4	15.2	14.1
Engineering	5.3	5.5	6.2	7.5	8.3	9.1	9.8	10.5	11.0	10.8
School of Management	8.1	9.6	10.8	9.9	9.0	8.6	9.0	9.4	9.5	8.9
Physical Education	4.6	4.1	3.4	3.1	3.0	2.7	2.5	2.2	1.9	1.9
Health Sciences	3.9	3.7	6.1	4.9	3.0	2.5	2.3	2.4	2.3	2.2
Education	12.3	10.7	8.5	8.0	7.4	7.5	7.6	7.7	7.8	7.2
Other	3.9	4.4	6.6	6.7	7.0	6.5	7.2	6.3	5.0	5.2
TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0



SOURCE: Official Enrollment Reports.

Headcount Enrollment by School, College & Faculty

Adjusted Full-Time Student Majors (AFSM)

ADJUSTED FULL-TIME STUDENT MAJORS (AFSM) BY SEMESTER				
Semester	Undergraduate	Graduate	Stockbridge	Total
Fall 1957	4,011	354	330	4,695
Fall 1958	4,311	472	347	5,130
Fall 1959	4,905	651	394	5,950
Fall 1960	5,294	642	395	6,331
Fall 1961	5,732	758	395	6,884
Fall 1962	6,195	776	450	7,421
Fall 1963	6,968	1,045	451	8,464
Fall 1964	8,051	1,422	475	9,948
Fall 1965	8,998	1,782	501	11,281
Spring 1966	8,911	*	*	*
Fall 1966	10,499	2,059	540	13,098
Spring 1967	10,184	*	*	*
Fall 1967	11,673	2,314	583	14,570
Spring 1968	11,482	*	*	*
Fall 1968	12,745	2,392	593	15,730
Spring 1969	12,365	*	*	*
Fall 1969	14,326	2,854	625	17,805
Spring 1970	13,700	2,903	545	17,148
Fall 1970	15,262	3,236	620	19,118
Spring 1971	14,828	3,275	558	18,661
Fall 1971	16,212	3,524	618	20,354
Spring 1972	16,299	3,753	571	20,623
Fall 1972	17,495	3,432	638	21,565
Spring 1973	17,306	3,610	592	21,508
Fall 1973	18,162	3,285	705	22,152
Spring 1974	17,699	3,130	543	21,372
Fall 1974	18,302	3,291	698	22,291
Spring 1975	18,233	3,066	479	21,778
Fall 1975	18,459	3,241	585	22,285
Spring 1976	18,573	3,250	491	22,314
Fall 1976	17,923	3,096	643	21,662
Spring 1977	17,420	3,052	500	20,972
Fall 1977	18,191	3,003	598	21,792
Spring 1978	17,080	2,825	443	20,348
Fall 1978	18,349	2,875	621	21,845
Spring 1979	17,475	2,699	426	20,600
Fall 1979	18,552	3,027	492	22,071
Spring 1980	17,398	2,864	359	20,621
Fall 1980	18,965	3,187	504	22,656
Spring 1981	17,895	2,999	354	21,248
Fall 1981	18,861	3,176	518	22,555
Spring 1982	17,868	3,031	357	21,256
Fall 1982	19,106 19,016	3,286	436	22,828 22,738

*Not available.

**All information above dotted line is estimated.

SOURCE: Official Enrollment Reports.

Instructional Full-Time Equivalent (IFTE)

INSTRUCTIONAL FULL-TIME EQUIVALENT (IFTE) BY SCHOOL, COLLEGE & FACULTY						
School, College or Faculty	Fall 1981		Spring 1982		Fall 1982	
	IFTE	Percent of Total	IFTE	Percent of Total	IFTE	Percent of Total
Arts & Sciences General						
Undergraduate	33	0.2	41	0.2	27	0.1
Graduate	---	0.0	---	0.0	---	0.0
Total	33	0.2	41	0.2	27	0.1
Humanities & Fine Arts						
Undergraduate	5,419	27.2	5,008	27.0	5,431	27.2
Graduate	357	11.8	344	11.5	357	11.2
Total	5,776	25.2	5,352	24.7	5,788	25.1
Social & Behavioral Sci.						
Undergraduate	3,823	19.1	3,657	19.7	3,879	19.5
Graduate	372	12.3	345	11.6	330	10.3
Total	4,195	18.2	4,002	18.5	4,209	18.2
Natural Sciences & Math						
Undergraduate	4,384	21.9	3,756	20.2	4,628	23.2
Graduate	474	15.7	447	15.0	469	14.7
Total	4,858	21.1	4,203	19.5	5,097	22.0
Food & Natural Resources						
Undergraduate	2,048	10.2	2,046	11.0	1,931	9.7
Graduate	247	8.7	248	8.3	268	8.4
Total	2,295	10.0	2,294	10.6	2,199	9.5
Engineering						
Undergraduate	1,349	6.7	1,262	6.8	1,269	6.4
Graduate	272	9.0	253	8.5	321	10.1
Total	1,621	7.0	1,515	7.1	1,590	6.9
School of Management						
Undergraduate	1,333	6.7	1,272	6.8	1,339	6.7
Graduate	371	12.3	325	10.9	307	9.6
Total	1,704	7.4	1,597	7.4	1,646	7.1
Physical Education						
Undergraduate	542	2.7	603	3.2	566	2.8
Graduate	63	2.1	69	2.3	59	1.8
Total	605	2.6	672	3.1	625	2.7
Health Sciences						
Undergraduate	259	1.3	192	1.0	225	1.1
Graduate	167	5.5	165	5.5	152	4.8
Total	426	1.9	357	1.7	377	1.6
Education						
Undergraduate	741	3.7	715	3.8	595	3.0
Graduate	583	19.4	669	22.5	654	20.5
Total	1,324	5.6	1,384	6.4	1,249	5.4
Other						
Undergraduate	61	0.3	64	0.3	53	0.3
Graduate	113	3.7	115	3.9	275	8.6
Total	174	0.8	179	0.8	328	1.4
Total						
Undergraduate	19,992	100.0	18,616	100.0	19,943	100.0
Graduate	3,019	100.0	2,980	100.0	3,192	100.0
Grand Total	23,011	100.0	21,596	100.0	23,135	100.0

Source: Official Enrollment Reports.

Ethnic Distribution

FALL 1982 ESTIMATED* ETHNIC ORIGIN BY DEGREE LEVEL & SEX									
Ethnic Code	Undergraduate			Graduate			Total		
	Number	% Within Group	% of Grand Total	Number	% Within Group	% of Grand Total	Number	% Within Group	% of Grand Total
Non-resident Alien									
Male	142	65.0	0.7	404	68.5	7.5	546	67.4	2.2
Female	78	35.0	0.4	186	31.5	3.5	264	32.6	1.1
Total	220	100.0	1.1	590	100.0	11.0	810	100.0	3.2
Black, Non-Hispanic									
Male	133	50.4	0.7	82	47.4	1.5	215	49.2	0.9
Female	131	49.6	0.7	91	52.6	1.7	222	50.8	0.9
Total	264	100.0	1.3	173	100.0	3.2	437	100.0	1.8
American Indian or Alaskan Native									
Male	17	47.2	0.1	8	44.4	0.1	25	46.3	0.1
Female	19	52.8	0.1	10	55.6	0.2	29	53.7	0.1
Total	36	100.0	0.2	18	100.0	0.3	54	100.0	0.2
Asian or Pacific Islander									
Male	139	53.9	0.7	36	53.7	0.7	175	53.8	0.7
Female	119	46.1	0.6	31	46.3	0.6	150	46.2	0.6
Total	258	100.0	1.3	67	100.0	1.3	325	100.0	1.3
Hispanic									
Male	117	45.0	0.6	69	42.6	1.3	186	44.1	0.7
Female	143	55.0	0.7	93	57.4	1.7	236	55.9	0.9
Total	260	100.0	1.3	162	100.0	3.0	422	100.0	1.7
*White, Non-Hispanic									
Male	9,675	52.1	49.5	2,282	52.5	42.6	11,957	52.2	47.9
Female	8,880	47.9	45.3	2,064	47.5	38.6	10,944	47.8	43.9
Total	18,555	100.0	94.8	4,346	100.0	81.2	22,901	100.0	91.8
TOTAL									
Male	10,223	52.2	52.2	2,881	53.8	53.8	13,104	52.5	52.5
Female	9,370	47.8	47.8	2,475	46.2	46.2	11,845	47.5	47.5
GRAND TOTAL	19,593	100.0	100.0	5,356	100.0	100.0	24,949	100.0	100.0

*NOTE: The Federal government requires the report of ethnic data every two years, however self-report by individuals of their ethnic status is completely voluntary. All the figures on this table are estimates based on a 60% response rate (approximately 50% undergraduate and 80% graduate) with non-respondents assigned to the "white, Non-Hispanic" category.

SOURCE: HEGIS XVII (This HEGIS form is forced choice and contains no non-response category.)

Ethnic Distribution

FALL 1982 ESTIMATED* ETHNIC ORIGIN BY DEGREE LEVEL & SEX									
Ethnic Code	Undergraduate			Graduate			Total		
	Number	% Within Group	% of Grand Total	Number	% Within Group	% of Grand Total	Number	% Within Group	% of Grand Total
Non-resident Alien									
Male	142	65.0	0.7	404	68.5	7.5	546	67.4	2.2
Female	78	35.0	0.4	186	31.5	3.5	264	32.6	1.1
Total	220	100.0	1.1	590	100.0	11.0	810	100.0	3.2
Black, Non-Hispanic									
Male	133	50.4	0.7	82	47.4	1.5	215	49.2	0.9
Female	131	49.6	0.7	91	52.6	1.7	222	50.8	0.9
Total	264	100.0	1.3	173	100.0	3.2	437	100.0	1.8
American Indian or Alaskan Native									
Male	17	47.2	0.1	8	44.4	0.1	25	46.3	0.1
Female	19	52.8	0.1	10	55.6	0.2	29	53.7	0.1
Total	36	100.0	0.2	18	100.0	0.3	54	100.0	0.2
Asian or Pacific Islander									
Male	139	53.9	0.7	36	53.7	0.7	175	53.8	0.7
Female	119	46.1	0.6	31	46.3	0.6	150	46.2	0.6
Total	258	100.0	1.3	67	100.0	1.3	325	100.0	1.3
Hispanic									
Male	117	45.0	0.6	69	42.6	1.3	186	44.1	0.7
Female	143	55.0	0.7	93	57.4	1.7	236	55.9	0.9
Total	260	100.0	1.3	162	100.0	3.0	422	100.0	1.7
*White, Non-Hispanic									
Male	9,675	52.1	49.5	2,282	52.5	42.6	11,957	52.2	47.9
Female	8,880	47.9	45.3	2,064	47.5	38.6	10,944	47.8	43.9
Total	18,555	100.0	94.8	4,346	100.0	81.2	22,901	100.0	91.8
TOTAL									
Male	10,223	52.2	52.2	2,881	53.8	53.8	13,104	52.5	52.5
Female	9,370	47.8	47.8	2,475	46.2	46.2	11,845	47.5	47.5
GRAND TOTAL	19,593	100.0	100.0	5,356	100.0	100.0	24,949	100.0	100.0

*NOTE: The Federal government requires the report of ethnic data every two years, however self-report by individuals of their ethnic status is completely voluntary. All the figures on this table are estimates based on a 60% response rate (approximately 50% undergraduate and 80% graduate) with non-respondents assigned to the "white, Non-Hispanic" category.

SOURCE: HEGIS XVII (This HEGIS form is forced choice and contains no non-response category.)

Freshman Ethnic Distribution

FALL 1982 FRESHMEN ADMISSIONS ETHNIC DISTRIBUTION

Ethnic Code	Applied	Accepted	% Applied/ Accepted	Enrolled	% Accepted/ Enrolled
American Indian/ Alaskan Native	10	4	40.0	2	50.0
Male	4	1	25.0	0	0
Female	6	3	50.0	2	66.7
Black, Non-Hispanic	303	197	65.0	84	42.6
Male	161	102	63.4	47	46.1
Female	142	95	66.9	37	38.9
Asian, Pacific Islander	272	164	60.3	71	43.0
Male	142	84	59.2	40	47.6
Female	130	80	61.5	31	38.8
Hispanic	235	154	65.5	53	34.4
Male	123	70	56.9	21	30.0
Female	112	84	75.0	32	38.1
Cape Verdean	24	13	54.2	9	69.2
Male	10	4	40.0	4	100.0
Female	14	9	64.3	5	55.6
Non-Resident Alien	290	110	37.9	46	41.8
Male	186	61	32.8	26	42.6
Female	104	49	47.1	20	40.8
White, Non-Hispanic	9410	6818	72.5	2964	43.5
Male	4689	3300	70.4	1491	45.2
Female	4721	3518	74.5	1473	41.9
Non-Reported	3230	2250	69.7	1092	48.5
Male	1692	1170	69.1	617	52.7
Female	1538	1080	70.2	475	44.0
All Minorities	844	532	63.0	219	41.2
Male	440	261	59.3	112	42.9
Female	404	271	67.1	107	39.5

COMMONWEALTH OF MASSACHUSETTS ETHNIC DISTRIBUTION

	White	Black	Am. Indian	Asian	Other	Total
Population	5,362,836	221,279	7,743	49,501	95,678	5,737,037*
% of Total	93.5	3.9	0.1	0.9	1.6	100.0

*141,043 (2.4%) of the total identified themselves as Spanish origin.

SOURCES: Freshmen Admissions Report; 1980 U.S. Census data from Government Documents Office, University Library.

Age/Gender Distribution

AGE/GENDER DISTRIBUTION FALL 1982						
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
UNDERGRADUATE						
Under 18	454	4.6	540	5.8	994	5.2
18 - 21	7,250	73.0	7,187	77.4	14,437	75.1
22 - 25	1,669	16.8	1,003	10.8	3,672	13.9
26 - 30	422	4.2	266	2.9	688	3.6
31 - 40	119	1.2	209	2.2	328	1.7
41 - 59	18	0.2	83	0.9	101	0.5
60 +	3	0.0	3	0.0	6	0.0
TOTAL	9,935	100.0	9,291	100.0	19,226	100.0
GRADUATES						
Under 18	0	0.0	1	0.0	1	0.0
18 - 21	43	1.5	35	1.4	78	1.5
22 - 25	731	25.4	610	24.6	1,341	25.0
26 - 30	925	32.1	682	27.6	1,607	30.0
31 - 40	935	32.4	772	31.2	1,707	31.9
41 - 59	232	8.1	358	14.5	590	11.0
60 +	15	0.5	17	0.7	32	0.6
TOTAL	2,881	100.0	2,475	100.0	5,356	100.0
STOCKBRIDGE						
Under 18	12	4.2	1	1.3	13	3.5
18 - 21	185	64.2	51	64.5	236	64.4
22 - 25	64	22.2	13	16.4	77	21.0
26 - 30	21	7.3	7	8.9	28	7.6
31 - 40	6	2.1	4	5.1	10	2.7
41 - 59	0	0.0	3	3.8	3	0.8
60 +	0	0.0	0	0.0	0	0.0
TOTAL	288	100.0	79	100.0	367	100.0
ALL LEVELS						
Under 18	466	3.6	542	4.6	1,008	4.0
18 - 21	7,478	57.1	7,273	61.4	14,751	59.1
21 - 25	2,464	18.8	1,626	13.7	4,090	16.4
26 - 30	1,368	10.4	955	8.1	2,323	9.3
31 - 40	1,060	8.1	985	8.3	2,045	8.2
41 - 59	250	1.9	444	3.7	694	2.8
60 +	18	0.1	20	0.2	38	0.2
TOTAL	13,104	100.0	11,845	100.0	24,949	100.0

SOURCE: Institutional Research.

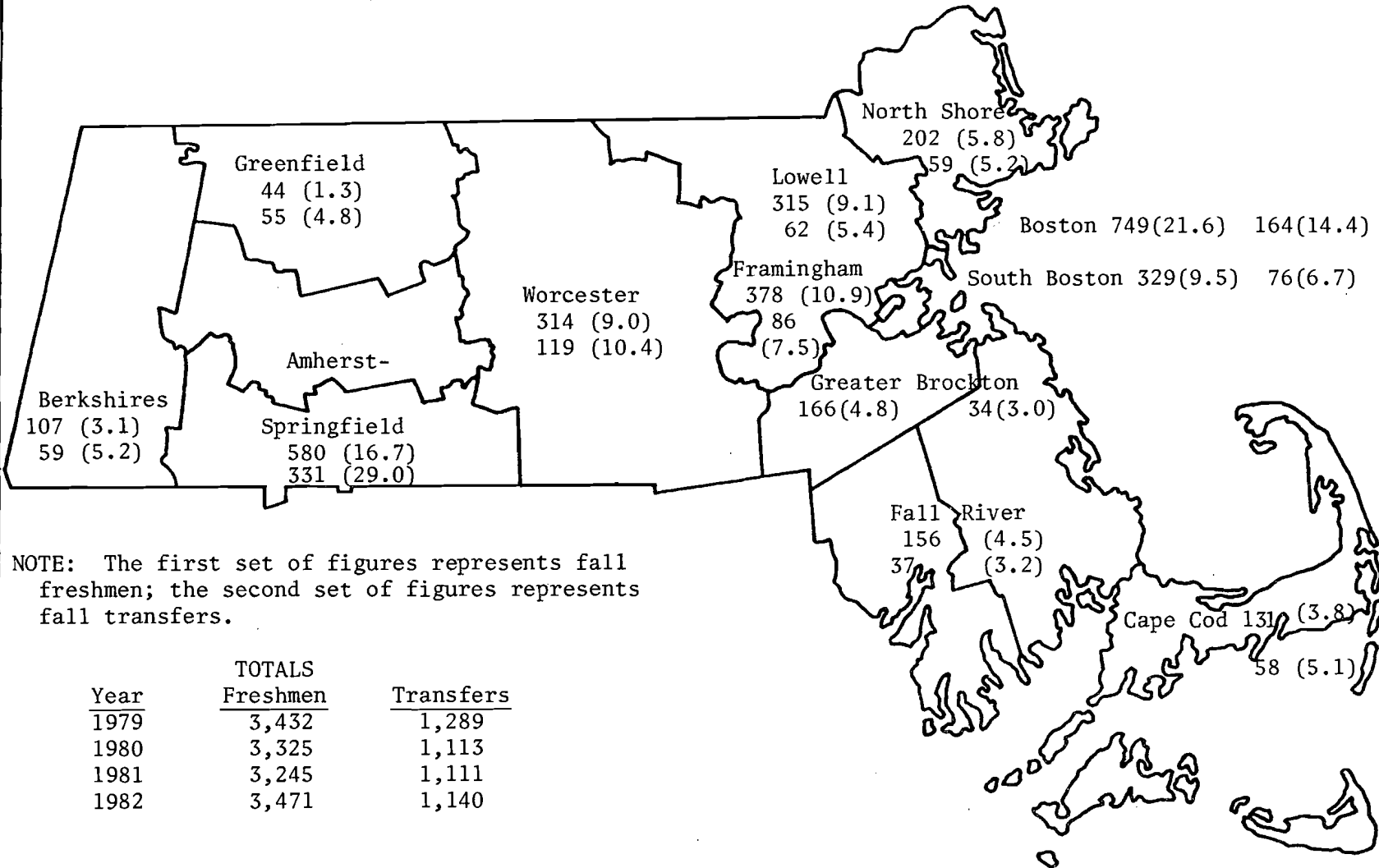
STUDENT RESIDENCY

Residence	Fall 1979	Spring 1980	Fall 1980	Spring 1981	Fall 1981	Spring 1982	Fall 1982	Spring 1983	Fall 1983	Spring 1984
In-State										
Undergraduate	16,317	15,875	16,308	15,599	16,105	15,225	16,064			
Graduate	3,145	3,146	3,271	3,230	3,140	3,119	3,099			
Stockbridge	<u>370</u>	<u>348</u>	<u>379</u>	<u>335</u>	<u>375</u>	<u>325</u>	<u>312</u>			
Total	19,832	19,369	19,958	19,164	19,620	18,669	19,475			
Out-of-State										
Undergraduate	1,584	1,509	2,085	1,999	2,446	2,281	2,629			
Graduate	1,455	1,332	1,429	1,329	1,431	1,400	1,491			
Stockbridge	<u>25</u>	<u>21</u>	<u>--</u>	<u>24</u>	<u>29</u>	<u>27</u>	<u>19</u>			
Total	3,064	2,862	3,514	3,352	3,906	3,708	4,139			
Regional^a										
Undergraduate	191	186	209	211	230	212	228			
Graduate	126	130	140	152	149	154	169			
Stockbridge	<u>30</u>	<u>27</u>	<u>58</u>	<u>28</u>	<u>33</u>	<u>28</u>	<u>33</u>			
Total	347	343	407	391	412	394	430			
Foreign										
Undergraduate	196	175	192	183	231	206	221			
Graduate	379	395	443	447	504	491	597			
Stockbridge	<u>1</u>	<u>--</u>	<u>2</u>	<u>3</u>	<u>5</u>	<u>4</u>	<u>3</u>			
Total	576	570	637	633	740	701	821			
Other										
Undergraduate	193	114	221	131	225	152	84			
Graduate	--	--	--	--	--	--	--			
Stockbridge	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>			
Total	193	114	221	131	225	152	84			
Total Students										
Undergraduate	18,481	17,859	19,015	18,123	19,237	18,460	19,226			
Graduate	5,105	5,003	5,283	5,158	5,224	5,164	5,356			
Stockbridge	<u>426</u>	<u>396</u>	<u>439</u>	<u>390</u>	<u>442</u>	<u>384</u>	<u>367</u>			
Total	24,012	23,258	24,737	23,671	24,903	23,624	24,949			

^aRegional: New England Regional Student Program.

SOURCE: Undergraduate Registrar; Graduate Factbook; Housing Office Occupancy Report.

GEOGRAPHICAL DISTRIBUTION OF IN-STATE FALL 1982 FRESHMEN AND TRANSFERS (Per Cent of Total in Parentheses)



NOTE: The first set of figures represents fall freshmen; the second set of figures represents fall transfers.

Year	TOTALS	
	Freshmen	Transfers
1979	3,432	1,289
1980	3,325	1,113
1981	3,245	1,111
1982	3,471	1,140

SOURCE: Undergraduate Admissions Report, 1982.

ASSISTANTSHIP, ASSOCIATESHIP, AND FELLOWSHIP APPOINTMENTS
SCHOOL/COLLEGE/FACULTY BY TYPE AND GENDER
ACADEMIC YEAR 1981-1982*

School/College/Faculty	Teaching Associates		Teaching Assistants		Research Associates		Research Assistants		Fellowships, Interns & Trainees		Total Appointments	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Fine Arts & Humanities	11	7	135	208	-	1	12	20	14	26	172	262
Natural Sciences & Mathematics	112	51	115	56	9	3	577	183	35	23	848	316
Social & Behavioral Sciences	44	33	132	95	6	5	41	72	49	62	272	267
School of Management	31	11	52	29	1	1	46	51	6	7	136	99
Education	8	16	57	96	2	4	53	75	13	21	133	212
Engineering	43	3	108	21	26	-	382	56	27	7	586	87
Food & Natural Resources	-	-	49	48	2	1	297	126	16	14	364	189
Health Sciences	-	14	11	17	-	-	8	14	10	30	29	75
Physical Education	1	-	23	22	-	-	10	8	2	1	36	31
Interdisciplinary	-	-	6	5	-	-	-	-	-	-	6	5
Non-degree	2	2	6	12	1	-	5	4	5	1	19	19
TOTAL	252	137	694	609	47	15	1,431	609	177	192	2,601	1,562
% of TOTAL	6.1	3.3	16.7	14.6	1.1	0.4	34.3	14.6	4.3	4.6	62.5	37.5

* September 1981 through August 1982.
SOURCE: Graduate School Factbook, 1982-83.

Handicapped Student Affairs

The Office of Handicapped Student Affairs (HSA) was established at UMass in 1973 to provide special support services, identify supportive resources and to advocate a barrier-free environment. Handicapped Student Affairs serves and supports the blind, the orthopedically or neurologically disabled, and other physically disabled persons within the University Community.

The Office helps with preferential course scheduling, orientation programs, housing assistance, and pre- and post-admission counseling. Further, it assists in locating readers for blind students and interpreters for deaf students, and in identifying persons who are able to provide personal care assistance for disabled students requiring such service. Accessible on-campus transportation is also provided for mobility-impaired students.

The University has been awarded grants to reduce architectural barriers and make the campus more accessible to the handicapped. Many of these projects have been completed, and a campus Architectural Barriers Board has been appointed to coordinate future barriers reduction projects. An Advisory Committee including undergraduate and graduate students, faculty, and staff also assists the office in identifying and addressing needs of the disabled on campus.

STATISTICS - FY 1982

Number of Students: There are approximately 400 students on campus who are clients of The Massachusetts Rehabilitation Commission. Approximately 50 students could be classified as severely disabled. A growing population of students with learning disabilities is also becoming more visible on campus and support services are being developed to address the needs relevant to this population.

Housing: There are currently four dormitories on campus which have comprehensive accessibility modifications for disabled students. A limited number of accessible apartments are also available.

Transportation: Three vans with hydraulic lifts are operated by HSA to provide on-campus transportation for disabled students. These vans logged a total of 23,595 miles this past year while providing a total of 10,049 transports. When school is in session the vans average in excess of 1,000 passenger transports each month. During the academic semester transportation is generally provided between 7:30 a.m. and 10:30 p.m., Monday through Friday, and between noon and midnight on Saturday.

Interpreting: Classroom interpreting is provided for deaf students by the HSA Interpreting Staff. A total of 2,677 interpreting hours were provided for nine deaf students during the past fiscal year.

Veterans Assistance and Counseling

Veterans Assistance and Counseling Services (VACS) is the primary office serving veteran students at the University of Massachusetts at Amherst. VACS acts as an advocate for the University's veterans and their dependents; assisting veterans in their interaction with the campus community and with off-campus veterans' agencies.

Veterans who are entering college for the first time or returning after military duty or work are usually older, more mature, and more experienced than traditional college students, and thus may experience an adjustment to college necessitated by their years outside the formal classroom. Veteran students also share a common tie based on their military experience. VACS serves as a drop-in center or a base point for many veterans.

Among the most important issues for the student veteran are the financial assistance entitlement programs. The VACS office handles the paperwork, provides information, and explains and clarifies the GI Bill and VEAP regulations for veterans and their dependents. The office also acts as a liaison for veterans and the VA Vocational Rehabilitation programs at the University.

VACS offers veterans services in the following areas:

Coordination of GI Bill, Veterans Educational Assistance Program (VEAP), Tuition Waivers

Academic and Personal Counseling Referral

Tutorial Assistance

Veterans Work Study Program

VETERAN ENROLLMENT, FALL 1982

Undergraduate	368
Stockbridge	14
Graduate	350
Continuing Education	<u>195</u>
TOTAL	927

SOURCE: Veterans Assistance and Counseling Services.

Bilingual Collegiate Program

The Bilingual Collegiate Program (BCP) began in 1974 when a group of concerned Spanish-speaking students, faculty and staff at the University took steps to open doors more widely to bilingual minorities. The purpose of the program is to assist bilingual students to make full use of the many existing facilities and resources to achieve maximum intellectual, social and personal growth and development. Today, more than 300 bilingual students from a wide range of ethnic backgrounds take advantage of all the services available through the program.

The main concern of the BCP is to help students in the bilingual communities of the Commonwealth to gain acceptance to the University and to successfully complete their college education. To these ends, a close working relationship has been developed with State and local organizations, including the State Department of Education and local school systems.

A university which is as large and complex as ours not only has much to offer, but also expects and demands much from students. Bilingual students may find the University a particularly perplexing place because of language and cultural differences, pressing economic needs, disadvantaged academic backgrounds, and the normal emotional demands that adjustment to the new challenges and environment of college life can make on students. BCP helps bilingual students to adjust and succeed by offering academic and personal counseling, tutoring, financial assistance, and other special services.

Academic counseling is individually based and covers most areas of college academic life. BCP frequently organizes workshops and seminars to address the needs of its students. Additionally, a series of college courses in Spanish has been developed in cooperation with other departments to help bilingual students in their transition to college life.

Personal counseling is also individually based. Many of the academic difficulties of students in the program stem from personal circumstances. BCP also helps bilingual students with their financial aid problems. When students cannot meet the full cost of their college education, an attempt is made to coordinate scholarships, loan or work study packages to ease the financial burden.

SELECTED STATISTICS

Present Enrollment	314
1982 Fall Incoming Students	97
1983 Spring Incoming Students	29
1984 Fall Estimated New Students	150
Total Number of BCP Graduates	330

SOURCE: Bilingual Collegiate Program

Everywoman's Center

The Everywoman's Center (EWC) is a multi-service University-based organization which has developed a national reputation over its ten-year history. The goal of EWC is to promote educational access and equity for women in higher education. EWC's programs and services for FY 1981 and FY 1982 were based on a major needs assessment which identified factors affecting the quality of the educational experience for women, particularly those women who experience double or triple discrimination by virtue of race, class, age, sexual preference, or parenthood. EWC is staffed by 11 three-quarter time professional staff members, and by nearly 100 student and/or volunteer workers each semester.

Major program areas in EWC include: resource and referral services which responded to 16,000 inquiries last year; programs directed against violence against women; counseling and programming for Third World women; employment counseling; the Poor Women's Task Force which works to increase access to the University for women; personal and group counseling (one of five programs in the U.S. offering training from a feminist perspective); and outreach activities designed to provide women with timely and useful information.

The Everywoman's Center serves a diverse population of University and community women. Since comparable programs are not offered elsewhere in the University, services are also provided to men (e.g., single fathers who are AFDC recipients, male victims of sexual violence, male members of couples and families seeking counseling, etc.).

STATISTICS FOR FISCAL YEAR 1983 (to date)

Month	Number of Workdays	Number of Walk-Ins	Number of Call-Ins	Total Contacts	Number of Contacts Per Workday
July	21	116	651	767	37
August	22	226	721	947	43
September	22	474	1,085	1,559	71
October	20	160	849	1,009	50
November	19	193	780	973	51
December	21	226	925	1,151	55

SOURCE: Everywoman's Center

Financial Aid

1981-82 FINANCIAL AID HIGHLIGHTS

16,947 students (13,561 dependent and 3,386 self-supporting) filed for assistance via Financial Aid Forms.

67.4% of parents filing for dependent students had annual earning under \$29,999, and 22.6% earned under \$15,000.

Of the parent population filing, the average family size was 4.8 and average number in college was 1.8.

The average parental contribution for all dependent filers was \$1,170; 75% (\$877) was from income, 17% (\$196) was from mortgage equity and thus not liquid, and the remaining 8% (\$97) was from other assets. Realistically, the average net available parental contribution was \$1,038.

23% of dependent filers had no parental contribution.

The overall average parental contribution for all parents filing was \$1,170; it was (-\$599)*for those earning under \$12,000 (15.4%); \$578 for those between \$12,000 and \$29,999 (52%); and \$2,959 for those \$30,000 and above (32.6%).

67% of dependent filers reported financial need above \$2,500, and 17.6% stated needs ranging from \$1,000 to \$2,499.

The reported financial need of dependent filers was: \$0 to \$999, 15.4%; \$1000 to \$2499, 17.6%; \$2500 to \$4999, 67%.

90.2% of all dependent filers indicated financial need. The average need was \$3,033.

90.3% of independent filers earned under \$4,000; 83.2% were single, 14.2% were married, and 2.6% were separated.

82.9% of independent filers reported financial need of \$2,000 or above.

92% of all filers indicated financial need.

The total financial need reported for all filers was \$51.5 million.

*Negative financial contributions can occur in low income families.

FINANCIAL AID PROGRAM

Type of Funds	Actual 1979-80		Actual 1980-81		Actual 1981-82	
	No. of Awards	Dollars Received	No. of Awards	Dollars Received	No. of Awards	Dollars Received
INSTITUTIONAL						
University State Scholarship	2,610	905,693	4,713	1,110,462	1,940	801,835
State DVD Scholarship	1,513	525,000	2,778	559,455	1,249	476,582
Need Based Tuition Waiver	621	197,520	937	274,621	2,375	911,849
Sub Total	4,744	1,628,213	8,428	1,944,538	5,564	2,190,266
STATE						
BHE State Scholarship	2,621	739,950	3,105	866,250	2,714	757,376
BHE State Honors	321	161,711	252	182,250	203	183,508
Sub Total	2,942	901,661	3,357	1,048,500	2,917	940,884
FEDERAL						
Sup. Educ. Opport. Grant	4,191	1,609,052	5,358	1,687,457	2,857	1,734,663
National Direct Student Loan	2,737	1,728,787	5,307	1,735,865	2,597	1,189,776
College Work Study	4,315	2,830,344	3,734	3,351,492	3,812	2,820,680
Nursing Loan & Scholarships					58	37,291
Sub Total	11,243	6,168,183	14,399	6,774,814	9,324	5,782,410
Basic Educ. Opport. Grant	6,893	6,623,134	7,004	6,572,171	6,470	6,067,986
Guaranteed Student Loan (HELP)	6,976	12,702,092	11,411	23,199,733	15,053	33,836,375
Parent Plus Loans					350	825,293
Sub Total	13,869	19,325,226	18,415	29,771,904	21,873	40,729,654
Internal University (several sources)			1,019	739,458	991	921,689
Outside Scholarships			1,060	529,324	946	560,943
Sub Total			2,079	1,268,782	1,937	1,482,632
GRANT TOTALS	32,798	28,023,283	46,678	40,808,538	41,615	51,125,846
Number of Students Processed			23,271		23,684	
Number of Students With Awards			17,204		20,875	

NOTE: Some students receive a combination of awards. This table does not include small campus scholarships and outside agency scholarships.

SOURCE: Financial Aid Office Annual Report

Degrees Granted

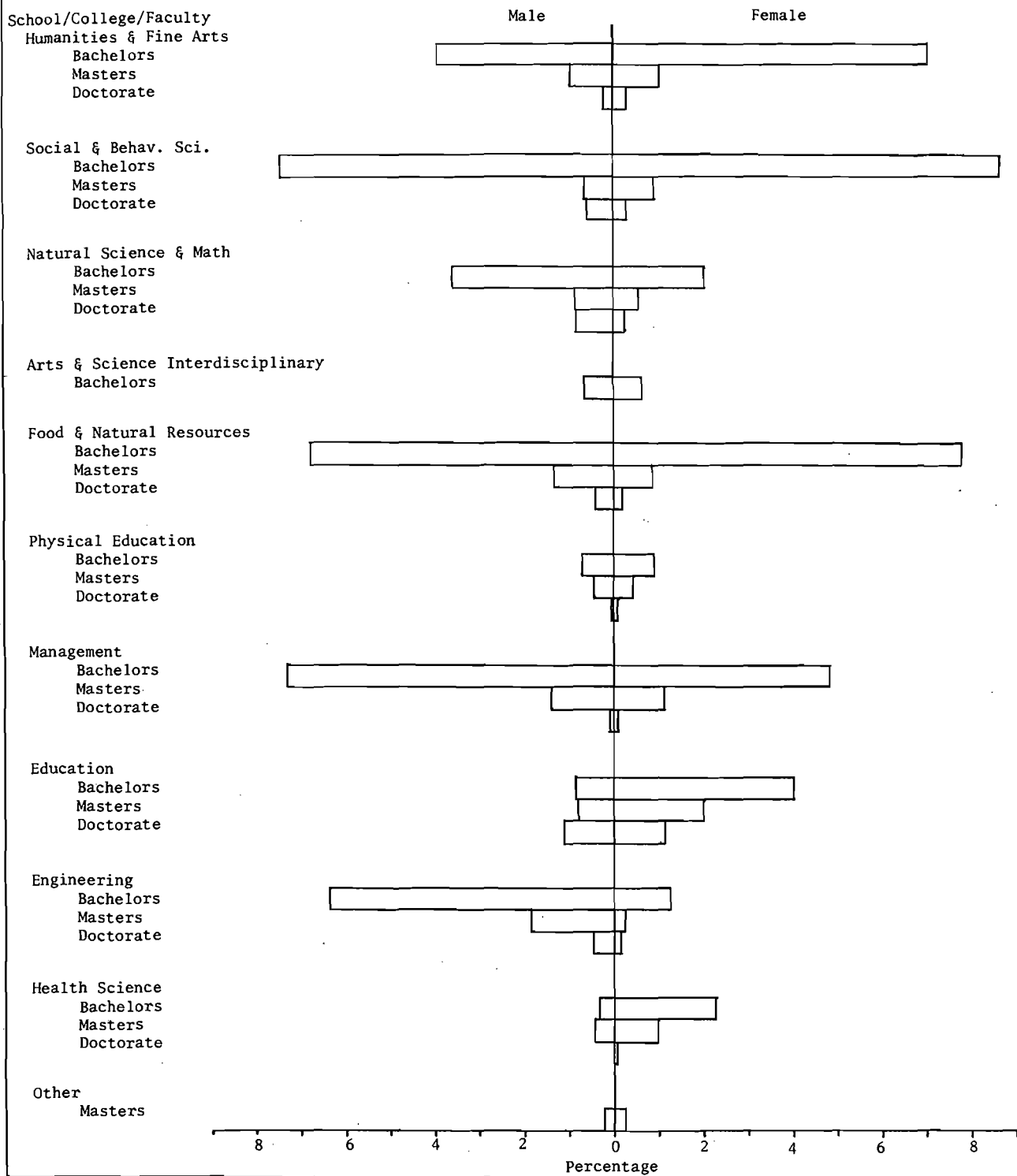
DEGREES GRANTED BY SCHOOL, COLLEGE, & FACULTY FOR FISCAL YEARS									
School, College or Faculty	1980	1981	1982	1983	1984	1985	1986	1987	1988
Humanities & Fine Arts									
Bachelors	519	491	545						
Masters	96	87	109						
Doctorates	34	30	20						
Total	649	608	674						
Social & Behavioral Sciences									
Bachelors	600	680	825						
Masters	63	66	75						
Doctorates	62	60	47						
Total	725	806	947						
Natural Sciences & Math									
Bachelors	317	297	307						
Masters	85	88	66						
Doctorates	59	65	51						
Total	461	450	424						
Food & Natural Resources									
Associates	178	181	130						
Bachelors	780	729	748						
Masters	98	75	108						
Doctorates	16	19	22						
Total	1,072	1,004	1,008						
Engineering									
Bachelors	321	210	383						
Masters	63	59	106						
Doctorates	10	9	25						
Total	394	278	514						
Management									
Bachelors	537	476	622						
Masters	81	75	137						
Doctorates	6	9	5						
Total	624	560	764						
Physical Education									
Bachelors	172	107	97						
Masters	28	34	35						
Doctorates	5	7	4						
Total	205	148	136						
Health Sciences									
Bachelors	116	105	129						
Masters	64	60	66						
Doctorates	1	-	1						
Total	181	165	196						
Education									
Bachelors	186	164	254						
Masters	142	162	146						
Doctorates	89	139	113						
Total	417	465	513						
Other									
Bachelors	195	278	71						
Masters	16	35	18						
Doctorates	19	2	-						
Total	230	315	89						
Total									
Associates	178	181	175						
Bachelors	3,743	3,537	3,981						
Masters	736	741	866						
Doctorates	301	340	324						
GRAND TOTAL	4,958	4,799	5,346						

NOTE: Doctorates include Certificates of Advanced Graduate Study (CAGS).

SOURCE: HEGIS.

Degrees Granted

PERCENTAGE OF TOTAL 1982 DEGREES GRANTED BY SCHOOL/COLLEGE/FACULTY, GENDER AND LEVEL



NOTE: Doctorates do not include Certificates of Advanced Graduate Study.

SOURCE: HEGIS.

PERCENTAGE OF DEGREES GRANTED TO WOMEN BY DEGREE LEVEL							
Year	Associate	Bachelors	Total Undergraduate	Masters	Doctorate	Total Graduate	All Degree Levels
1960	4.1	38.4	33.8	22.7	11.1	22.0	32.3
1961	3.0	35.5	30.5	22.0	14.3	21.3	29.3
1962	3.6	40.3	35.6	21.9	14.8	21.0	32.9
1963	1.2	40.5	35.7	18.6	9.4	17.4	32.9
1964	3.6	42.2	37.2	22.2	7.7	20.8	34.5
1965	3.8	41.1	36.5	27.3	14.6	26.0	34.3
1966	3.8	41.3	37.1	24.4	13.2	23.2	33.9
1967	7.0	42.6	38.7	24.8	20.0	24.2	35.3
1968	3.3	*	*	25.0	11.3	23.7	*
1969	7.6	45.8	42.4	29.7	14.4	27.2	39.1
1970	8.3	44.8	42.1	37.0	15.7	33.1	40.2
1971	9.5	45.8	43.5	36.4	12.5	30.8	40.3
1972	14.5	45.1	43.1	36.6	16.1	32.4	40.6
1973	9.3	45.3	43.0	36.4	14.0	31.4	39.8
1974	17.4	45.9	44.3	32.3	23.2	30.1	40.9
1975	29.7	45.6	44.7	36.7	24.5	33.5	42.1
1976	28.6	45.5	44.7	37.5	26.6	34.8	42.5
1977	24.5	48.0	46.5	36.7	28.4	34.3	43.9
1978	25.6	46.0	45.0	39.8	37.1	39.0	43.8
1979	23.5	47.3	46.2	42.2	34.9	40.1	44.8
1980	28.7	47.1	46.2	41.8	40.9	41.6	42.6
1981	16.0	48.7	47.1	46.6	35.3	43.0	46.2
1982	23.4	50.0	48.9	48.7	37.4	45.6	48.2

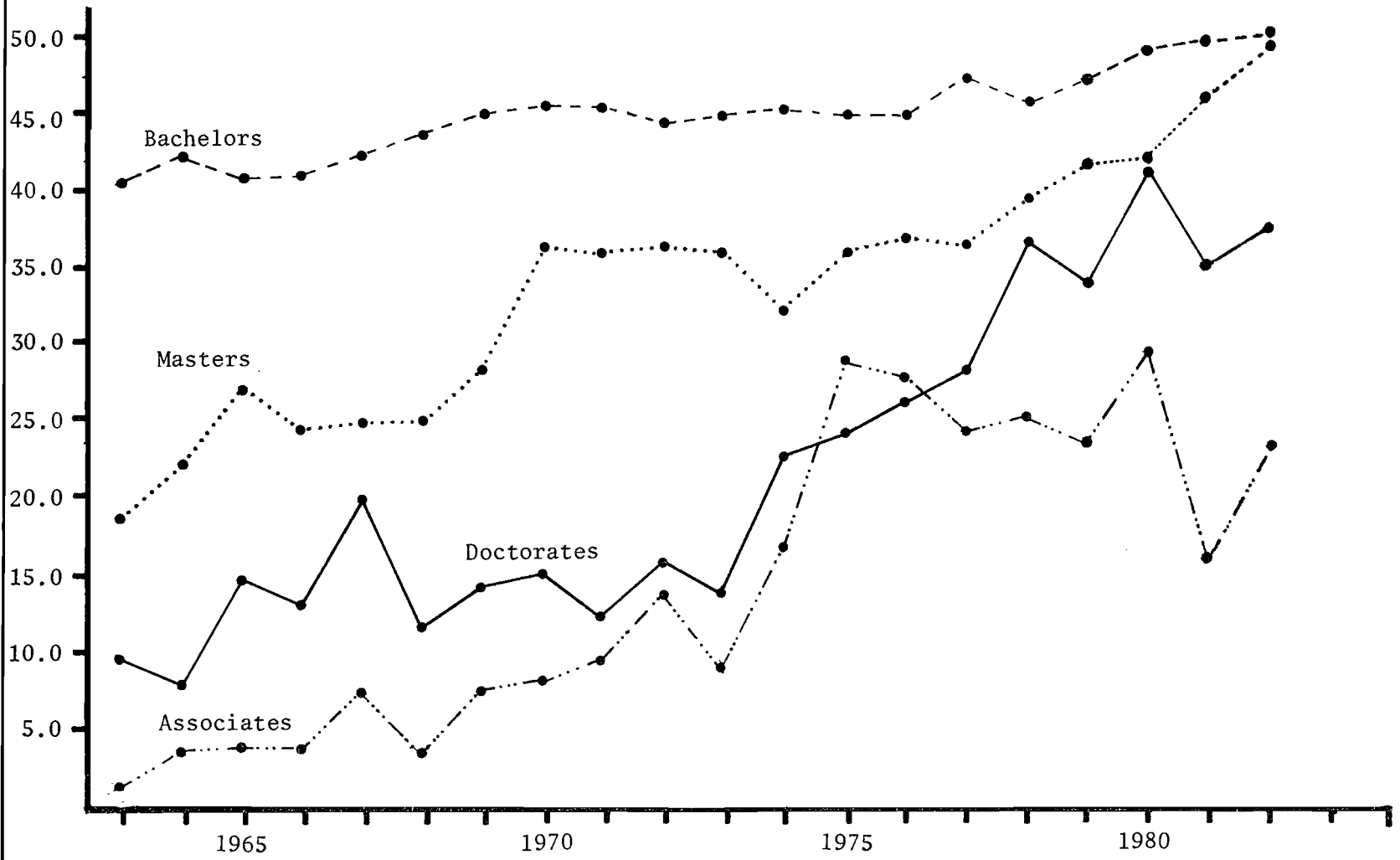
*Data not available.

NOTE: Doctorates include Certificates of Advanced Graduate Study (CAGS).

SOURCE: HEGIS.

DEGREES GRANTED TO WOMEN AS A PERCENT OF DEGREE LEVEL

PERCENT



Degrees Granted to Women

DEGREES GRANTED BY LEVEL															
Fiscal Year	Associate			Bachelor			Master			Doctorate			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1969	230	19	249	1,389	1,173	2,562	465	196	661	107	13	120	2,191	1,401	3,592
1970	220	20	240	1,645	1,335	2,980	438	257	695	129	24	153	2,432	1,636	4,068
1971	200	21	221	1,701	1,440	3,141	542	310	852	230	33	263	2,673	1,804	4,477
1972	200	34	234	1,861	1,530	3,391	575	332	907	232	51	283	2,868	1,947	4,815
1973	223	23	246	2,036	1,684	3,720	741	425	1,166	320	65	385	3,320	2,197	5,517
1974	209	44	253	2,248	1,908	4,156	691	330	1,021	266	80	346	3,414	2,362	5,776
1975	166	70	236	2,200	1,841	4,041	589	342	931	254	88	342	3,209	2,341	5,550
1976	160	64	224	2,421	2,019	4,440	625	375	1,000	251	96	347	3,457	2,554	6,011
1977	203	66	269	2,096	1,935	4,031	532	309	841	247	98	345	3,078	2,408	5,486
1978	160	55	215	2,261	1,928	4,189	486	321	807	222	131	353	3,129	2,435	5,564
1979	150	46	196	2,100	1,882	3,982	483	352	835	216	116	332	2,949	2,396	5,345
1980	129	52	181	1,976	1,768	3,744	428	308	736	178	123	301	2,711	2,251	4,962
1981	152	29	181	1,813	1,724	3,537	396	345	741	220	120	340	2,581	2,218	4,799
1982	134	41	175	1,989	1,992	3,981	444	422	866	209	115	324	2,776	2,570	5,346

NOTE: Doctorates include Certificate of Advanced Graduate Study (CAGS). Associate Degrees were first awarded in 1960; Masters Degrees were first awarded in 1896; Doctorate Degrees were first awarded in 1902. Degrees granted are tabulated by academic year.

SOURCE: HEGIS.

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
HUMANITIES AND FINE ARTS	Afro-American Studies	Afro-American Studies	•		
	Art	Art Education	•	•	
		Art History	•	•	
		Design	•	•	
		Studio Art	•	•	
	Asian Studies	Chinese	•		
		Japanese	•		
	Classics	Classics	•	•	
	Comparative Literature	Comparative Literature	•	•	•
	English	Literature	•	•	•
		Writing	*		
		Film	*	*	
		Folklore	*		
		MFA		•	
	French and Italian	French	•	•	•
		Italian	•	•	
	Germanic Language & Lit.	Germanic Language & Lit.	•	•	•
	History	History	•	•	•
	Journalistic Studies	Journalistic Studies	•		
	Linguistics	Linguistics	*	•	•
	Music and Dance	Dance	•		
		Music Education	•	•	
		Music History		•	
Performance		•	•		
Theory and Composition		•	•		
Philosophy	Philosophy	•	•	•	
Rhetoric	Rhetoric	*			
Slavic Language & Lit.	Slavic Studies	*	•		
	Russian	•			

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
CONTINUED	Spanish and Portuguese	Spanish	•	•	•
		Portuguese	•		
	Theater	Theater	•	•	
	Women's Studies	Women's Studies	•		
TOTALS: Departments: 18		Programs: 33	Degrees: 25	21	8

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
SOCIAL AND BEHAVIORAL SCIENCES	Anthropology	Anthropology	•	•	•
	Communication Studies	Interpers. Com. & Rhet.	•	•	•
		Mass Communication	•	•	•
	Economics	Economics	•	•	•
	Legal Studies	Legal Studies	•		
	Political Science	Political Science	•	•	•
		Public Administration		•	
	Psychology	Psychology (General)	•		
		Biopsychology	*	•	•
		Clinical Psychology	*	•	•
		Cognitive Processes	*	•	•
		Child Psychology	*	•	•
		Educational Psychology	*	•	•
		Personality	*	•	•
	Social Psychology	*	•		
	Sociology	Sociology	•	•	•
TOTALS: Departments: 7		Programs: 16	Degrees: 8	14	12

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
NATURAL SCIENCES AND MATHEMATICS	Biochemistry	Biochemistry	•	•	•
	Botany	Botany	•	•	•
	Chemistry	Chemistry	•	•	•
	Computer & Informa. Sci.	Computer and Informa. Sci.	•	•	•
	Geology and Geography	Geology	•	•	•
		Geography	•	•	
	Mathematics and Statistics	Mathematics	•	•	•
		Statistics	*	*	*
	Microbiology	Microbiology	•	•	•
		Medical Technology	•		
	Physics and Astronomy	Physics	•	•	•
		Astronomy	•	•	•
	Polymer Science and Engin.	Polymer Science & Engin.		•	•
	Pre-Health Sciences	Pre-Dental	•		
Pre-Medical		•			
Pre-Veterinary		•			
Zoology	Zoology	•	•	•	
TOTALS: Departments: 11		Programs: 17	Degrees: 15	12	11

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
ARTS AND SCIENCES INTER- DISCIPLINARY	Bach. Degree Indiv. Concen.	BDIC	•		
	Internship Program	Internship Program	*		
	Judaic Studies	Judaic Studies	•		
	Near Eastern Studies	Near Eastern Studies	•		

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
CONTINUED	Soc. Thought & Polit. Econ.	Soc. Thought & Polit. Econ.	•		
	Soviet & E. Europ. Stds.	Soviet & E. Europ. Stds.	•		
	TOTALS: Departments: 6	Programs: 6	Degrees	5	

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
FOOD AND NATURAL RESOURCES	Entomology	Entomology	•	•	•
	Environmental Science	Environmental Science	•	*	
	Food Engineering	Food Engineering	*	•	•
	Agricul. & Resource Econ.	Agricul. & Resource Econ.	•	•	•
	Food Science & Nutrition	Food Science	•	•	•
		Human Nutrition	•	•	•
	Forestry & Wildlife Mgmt.	Forestry	•	•	•
		Wood Technology	•	•	
		Natural Resources Stds.	•		
		Fisheries and Wildlife Biology	•	•	•
	Home Economics	Home Economics	•		
	Hotel, Rest. & Travel Adm.	Hotel, Rest. & Travel Adm.	•	•	
	Land. Arch. & Reg. Plan.	Environmental Design	•	*	
		Park Administration	•		
		Landscape Architecture		•	
Regional Planning			•		
Leisure Studies & Services		•			
Plant & Soil Sciences	Plant & Soil Sciences	•	•	•	
Plant Pathology	Plant Pathology	•	•	•	

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
CONTINUED	Animal Science	Animal Science	•	•	•
	TOTALS: Departments: 12	Programs: 20	Degrees: 17	14	10

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
SCHOOL OF MANAGEMENT	Accounting	Accounting	•	•	
	General Business & Finance	General Business & Finance	•		
	Marketing	Marketing	•		
	Management	Management	•		
	Business Administration	Business Administration	*	•	•
	TOTALS: Departments: 5	Programs: 5	Degrees: 4	2	1

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
SCHOOL OF EDUCATION	Human Ser. & Ap. Beh. Sci.	Human Ser. & Ap. Beh. Sci.	•		
	Instructional Leadership	Instructional Leadership	•		
	Ed. Policy, Res. & Admin.	Ed. Policy, Res. & Admin.	•		
	Education	Education		•	•
	Orchard Hill	Orchard Hill	*		
	Southwest	Southwest	*		

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
CONTINUED	University Without Walls	University Without Walls	•		
	TOTALS: Departments: 7	Programs: 7	Degrees: 4	1	1

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
SCHOOL OF ENGINEERING	Mechanical Engineering	Mechanical Engineering	•	•	•
		Manufacturing Engineering		•	
	Chemical Engineering	Chemical Engineering	•	•	•
	Civil Engineering	Civil Engineering	•	•	•
		Environmental Engineering		•	•
	Electrical & Computer Engin.	Electrical & Computer Engin.	•	•	•
		Computer Systems Engin.		•	
Industrial Engin. & Op. Re.	Industrial Engin. & Op. Re.	•	•	•	
	Engineering Management		•		
TOTALS: Departments: 5	Programs: 9	Degrees: 6	8	6	

School/ College/ Faculty	Department	Degree Program	Bachelor/Masters/Doctorate		
HEALTH SCIENCES	Communications Disorders	Communications Disorders	•	•	•
	Nursing	Nursing	•	•	
	Public Health	Public Health	•	•	•
TOTALS: Departments: 3	Programs: 3	Degrees: 3	3	2	

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
	Athletics	Athletics	*		
SCHOOL OF PHYSICAL EDUCATION	Exercise Science	Exercise Science	*	•	•
	Sport Studies	Sport Studies	•	•	•
	Physical Education Major	Physical Education Major	•		
	TOTALS: Departments: 4	Programs: 4	Degrees: 2	2	2

School/ College/ Faculty	Department	Degree Programs	Bachelor/Masters/Doctorate		
	Continuing Education	Continuing Education	•		
OTHER	Labor Studies (Grad. Sch.)	Labor Studies (Grad. Sch.)		•	
	TOTALS: Departments: 2	Programs: 2	Degrees: 1	1	
	GRAND TOTALS: Departments: 80	Programs: 122	Degrees: 90	78	53

* Indicates courses offered, but no degree available.

FULL TIME INSTRUCTIONAL FACULTY: NUMBER & AVERAGE SALARY

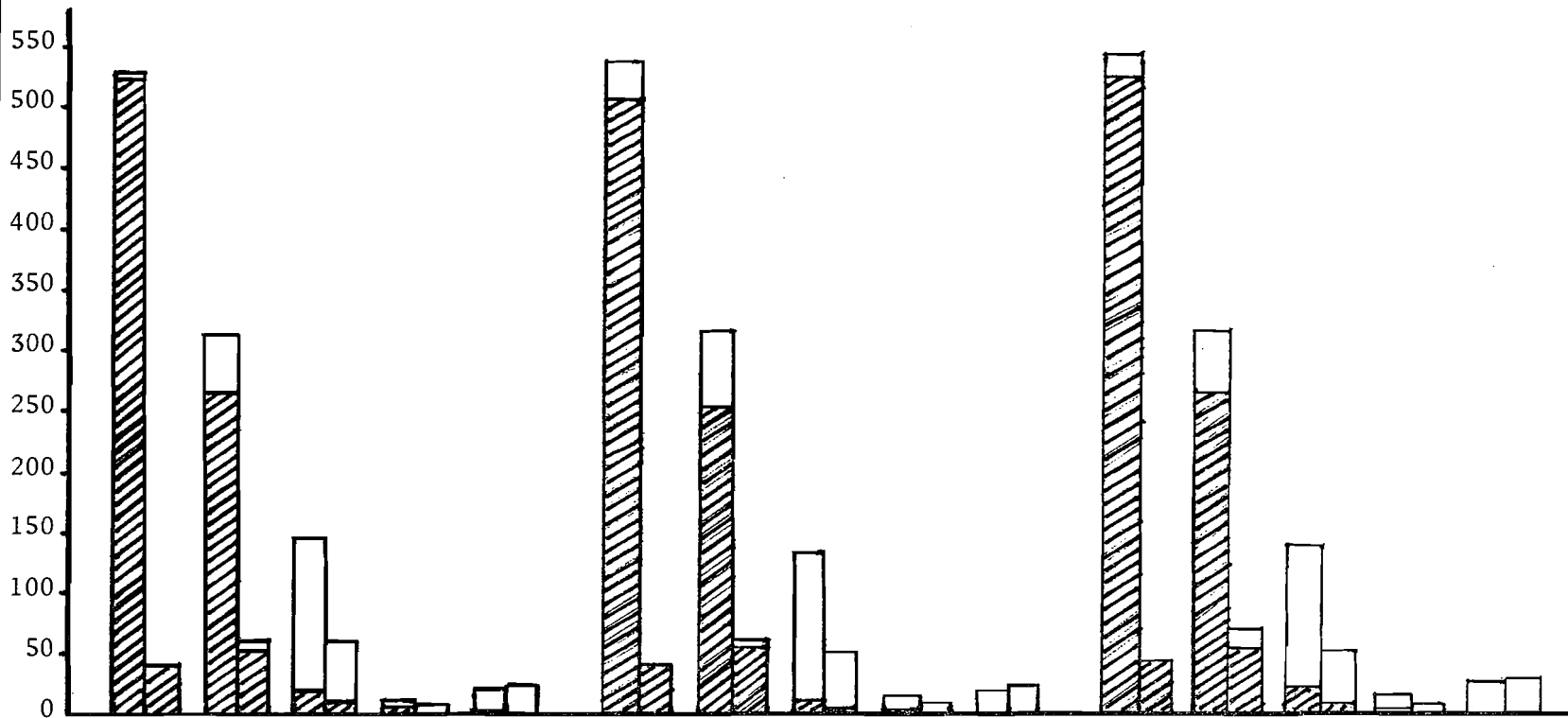
Academic Year	Professor		Associate Professor		Assistant Professor		Instructor		Lecturer		All Ranks	
	Number	Average Salary	Number	Average Salary	Number	Average Salary	Number	Average Salary	Number	Average Salary	Number	Average Salary
1890												13
1900												23
1910												36
1920												96
1930												102
1940												142
1950	68		30		90		99		0			287
1960	133		116		174		126		0			549
1962-63	78	\$ 10,068	85	\$ 8,460	154	\$ 7,246	89	\$ 6,019	0			406 \$ 7,887
1963-64	74	11,959	94	9,941	166	8,379	120	6,928	0			454 8,902
1964-65	125	14,720	104	11,332	196	9,285	124	7,238	0			549 10,448
1965-66	134	14,757	133	11,358	231	9,276	140	7,255	0			638 10,418
1966-67	158	15,520	157	12,057	281	9,677	133	7,495	0			729 11,058
1967-68	187	17,285	196	13,414	336	10,716	151	8,255	0			870 12,309
1968-69	215	18,455	231	14,101	376	11,155	124	8,289	22	\$ 11,105		968 13,111
1969-70	248	21,126	267	15,926	379	12,579	111	9,468	26	11,989		1,031 15,152
1970-71	289	21,731	312	16,200	397	12,788	115	9,664	21	12,338		1,134 15,681
1971-72	326	23,575	359	17,619	407	13,779	107	10,484	19	12,904		1,218 17,230
1972-73	365	24,886	378	18,636	436	14,476	87	11,356	28	12,203		1,294 18,369
1973-74	396	25,944	393	19,310	423	15,043	66	12,129	29	12,591		1,307 19,427
1974-75	439	27,665	410	20,607	371	15,989	43	13,353	30	13,729		1,293 21,278
1975-76	447	28,259	424	21,078	309	16,270	25	13,995	37	14,131		1,242 22,137
1976-77	469	27,069	407	20,134	252	15,461	24	13,415	42	13,572		1,194 21,506
1977-78	480	27,892	424	20,872	232	16,455	26	14,459	52	14,185		1,214 22,380
1978-79	515	27,851	408	70,705	228	16,523	21	14,452	58	15,037		1,230 22,548
1979-80	549	30,326	396	23,330	213	18,739	16	16,195	48	16,257		1,222 25,302
1980-81	569	34,171	371	27,044	204	22,122	17	17,017	43	17,350		1,204 29,053
1981-82	581	36,053	373	28,439	188	22,936	16	19,680	43	18,253		1,201 30,780
1982-83	591	38,635	374	30,758	185	24,745	14	21,877	47	19,948		1,211 33,161

SOURCE: 1962 to present: AAUP Reports.

NUMBER OF MALE/FEMALE FULL TIME INSTRUCTIONAL FACULTY BY RANK AND TENURE

Shading Indicates Tenure

M: Male
F: Female
Inst.: Instructor
Lect.: Lecturer



M	F	M	F	M	F	M	F	M	F
Full Prof.	Assoc. Prof.	Asst. Prof.	Inst.	Lect.					
1980 — 81									

M	F	M	F	M	F	M	F	M	F
Full Prof.	Assoc. Prof.	Asst. Prof.	Inst.	Lect.					
1981 — 82									

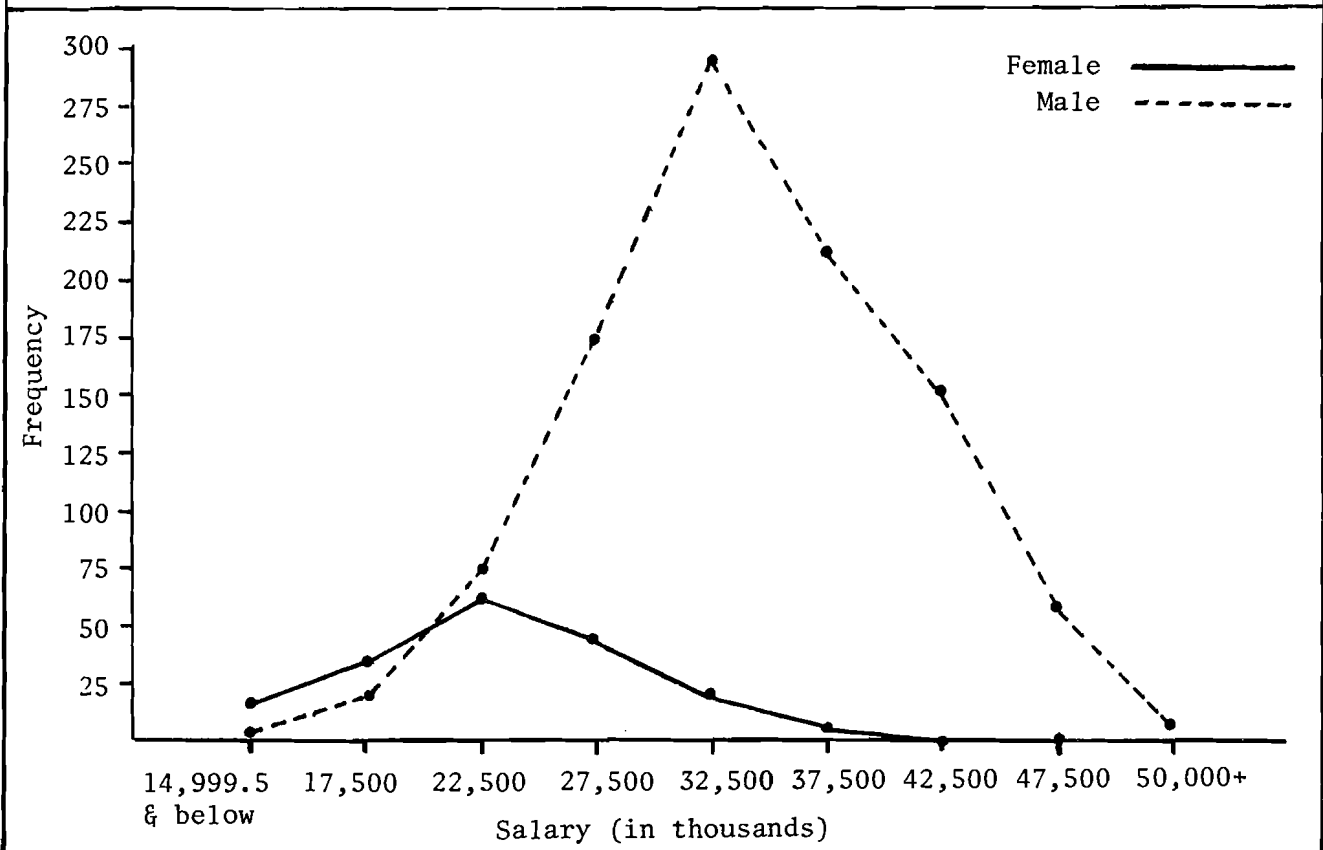
M	F	M	F	M	F	M	F	M	F
Full Prof.	Assoc. Prof.	Asst. Prof.	Inst.	Lect.					
1982 — 83									

SOURCE: AAUP Reports.

Faculty Salaries By Gender

SALARY DISTRIBUTION OF U/MASS AMHERST FULL-TIME INSTRUCTIONAL FACULTY, 9-MONTH CONTRACT, BY RANK AND GENDER (1982-1983)											
Salary Intervals	Male					Female					
	Prof.	Assoc.	Asst.	Inst.	Lect.	Prof.	Assoc.	Asst.	Inst.	Lect.	
50,000 & over	6										
45,000-49,999.5	59										
40,000-44,999.5	147	5				2					
35,000-39,999.5	189	24				4					
30,000-34,999.5	132	153	6	2		17	3				
25,000-29,999.5	4	112	52	1	2	20	21	4		1	
20,000-24,999.5	6		60	7	1	1	35	19	1	4	
15,000-19,999.5			9	3	4	2		20	7		
14,999.5 & below					3				5	2	6
TOTAL	537	300	127	11	12	44	61	48	3	18	
Percentage of total by gender and rank	46.3	25.8	10.9	.9	1.0	3.8	5.3	4.1	.3	1.6	

FULL-TIME INSTRUCTIONAL FACULTY (ON 9-MONTH CONTRACT)
SALARIES FOR ALL RANKS BY GENDER, 1982-1983



SOURCE: HEGIS.

AVERAGE FACULTY SALARIES, FALL 1982

Rank & Gender	FULL TIME TENURED		FULL TIME NON-TENURED		FULL TIME TENURED & NON-TENURED		PART TIME	
	Number	Average Salary	Number	Average Salary	Number	Average Salary	Number	Average Salary
Professor								
Male	534	\$38,898	10	\$37,686	544	\$38,876		
Female	46	35,976	1	30,000	47	35,849		
Total	580	38,666	11	36,987	591	38,635	7	\$19,088
Associate								
Male	260	30,976	49	31,562	309	31,069		
Female	56	29,123	9	30,256	65	29,280		
Total	316	30,648	58	31,359	374	30,758	7	11,458
Assistant								
Male	20	26,396	115	24,502	135	24,782		
Female	8	27,247	42	24,147	50	24,643		
Total	28	26,639	157	24,407	185	24,744	14	9,071
Instructor								
Male	4	22,348	7	21,909	11	22,069		
Female			3	21,177	3	21,177		
Total	4	22,348	10	21,689	14	21,878	-	--
Lecturer								
Male	1	30,910	22	18,448	23	18,990		
Female			24	20,866	24	20,866		
Total	1	30,910	46	19,710	47	19,948	35	8,111
All Levels								
Male	819	35,987	203	26,110	1,022	34,025		
Female	110	31,852	79	23,808	189	28,490		
Grand Total	929	\$35,497	282	\$25,465	1,211	\$33,161	63	\$9,916

Faculty Salaries By Gender

SOURCE: Fall 1982 AAUP Report.

All Staff Ethnic and Gender Distribution

SUMMARY OF ALL STAFF GENDER AND ETHNIC DISTRIBUTION BY ADMINISTRATIVE UNIT												
Area	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
Chancellor's Area Staff	13	33	1	3				1			14(27)	37(73)
Academic Affairs Staff	571	1050	19	30	5	16	38	21	2	6	635(36)	1123(64)
Student Affairs Staff	342	489	39	44	8	15	1	11		3	390(41)	562(59)
Administration & Finance Staff	778	531	22	7	8	3	4	3	9	3	821(60)	547(40)
Univ. Relations & Development	21	42	1								22(34)	42(66)
Faculty	<u>1066</u>	<u>246</u>	<u>32</u>	<u>8</u>	<u>16</u>	<u>12</u>	<u>32</u>	<u>5</u>	<u>1</u>	<u>-</u>	<u>1147(81)</u>	<u>271(19)</u>
TOTAL	2791	2391	114	92	37	46	75	41	12	12	3029(54)	2582(46)

SOURCE: Affirmative Action Office, Effective 12/82.

ETHNIC AND GENDER DISTRIBUTION
FACULTY BY ADMINISTRATIVE UNIT OR SCHOOL/COLLEGE/FACULTY

Department	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
Chancellor's Area	4	1									4(80)	1(20)
Provost Office	1										1(100)	0
Labor Relations	2										2(100)	0
Continuing Education	7	6									7(54)	6(46)
Graduate School	4										4(100)	0
College of Arts & Sci.											0	0
Humanities & Fine Arts	255	84	19	1	7	4	3	3			284(76)	92(24)
Social & Behavioral Sci.	151	24	3		2	1	4				160(86)	25(14)
Natural Science & Math.	197	29	3		2		17	1			219(88)	30(12)
School of Management	61	5			1		1				63(93)	5(7)
School of Engineering	113	1					2	1			115(98)	2(2)
School of Health Sci.	19	27	1	2	2		1				23(44)	29(56)
School of Physical Ed.	22	9	1				1				24(73)	9(27)
School of Education	56	36	5	4	1	6	1				63(58)	46(42)
Col. of Food & Nat. Res.	<u>178</u>	<u>25</u>	<u>—</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>—</u>	<u>1</u>	<u>—</u>	<u>182(87)</u>	<u>27(13)</u>
TOTALS	1,070	247	32	8	16	12	32	5	1	0	1,151(81)	272(19)

Faculty Ethnic and Gender Distribution

SOURCE: Affirmative Action Office, Effective 12/82.

ETHNIC AND GENDER DISTRIBUTION
CLASSIFIED STAFF BY MBU WITHIN EXECUTIVE AREA

Department	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
Chancellor's Area												
Chancellor's Office	1	14									1(7)	14(93)
Planning & Budget Office		3									0(0)	3(100)
Affirmative Action		1									0(0)	1(100)
Human Relations		1									0(0)	1(100)
Total	1	19	0	0	0	0	0	0	0	0	1(5)	19(95)
V.C. Academic Affairs												
Provost Area	2	30									2(6)	30(94)
Labor Relations		5						1			0(0)	6(100)
Continuing Education	18	54	1	1	1	2		3			20(25)	60(75)
Library	29	90		2						1	29(24)	93(76)
Computer Center	17	13	2								19(59)	13(41)
Graduate School	21	38		1	2		18	4	1		42(49)	43(51)
College of Arts & Sci.		13									0(0)	13(100)
Hum. & Fine Arts	12	59	3	1							15(20)	60(80)
Social & Behavioral Sci.	13	54		1					1		13(19)	56(81)
Natural Sci. & Math.	50	108	2			1	1	2			53(32)	111(68)
School of Management		26									0(0)	26(100)
School of Engineering	21	39	1				2			1	24(38)	40(62)
School of Health Sci.		16						1			0(0)	17(100)
School of Phys. Ed.	25	31	1				2				28(47)	31(53)
Intercollegiate Athletics	2	1									2(67)	1(33)
School of Education	5	41		2	1	1					6(12)	44(88)
Col. of Food & Nat. Resc.	97	226	1	14		12	3	2		2	101(28)	256(72)
Total	312	844	11	22	4	16	26	13	1	5	354(28)	900(72)
V.C. Student Affairs												
Vice Chancellor's Office		3		1							0(6)	4(100)
Student Activities	5	20		2							5(19)	22(81)
Housing Services	139	76	8	5	3	1		2		1	150(64)	85(36)
Public Safety	53	11	6								59(84)	11(16)
Academic Support Serv.	5	80	1	3		1				1	6(7)	85(93)
Dean of Students	6	29		1		1		1			6(16)	32(84)
Health Services	25	110	1	5				4			26(18)	119(82)
Educational Support Serv.	2	6		7		2					2(12)	15(88)
Total	235	335	16	24	3	5	0	7	0	2	254(41)	373(59)

SOURCE: Affirmative Action Office, Effective 12/82.

ETHNIC AND GENDER DISTRIBUTION
CLASSIFIED STAFF BY MBU WITHIN EXECUTIVE AREA

Department	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
V. C. Admin. & Finance												
Vice Chancellor's Office		8									0(0)	8(100)
Financial Affairs	10	46	1								11(19)	46(81)
Human Resources	4	41		1		1					4(9)	43(91)
Physical Plant	495	52	10		7		1	1	4		517(91)	53(9)
Facilities Planning		1									0(0)	1(100)
Auxiliary Services	143	319	7	6	1	2	1	1	3	3	155(32)	331(68)
Administrative Serv.	31	28									31(53)	28(47)
Grants & Contracts		8									0(0)	8(100)
Total	683	503	18	7	8	3	2	2	7	3	718(58)	518(42)
V.C. Univ. Rel. & Dev.												
Alumni Aff. & Dev.		13									0(0)	13(100)
Pub. Info. & Publications	4	12									4(25)	12(75)
Community Relations		2									0(0)	2(100)
Total	4	27	0	0	0	0	0	0	0	0	4(13)	27(87)
GRAND TOTAL	1,235	1,728	45	53	15	24	28	22	8	10	1,331(42)	1,837(58)

SOURCE: Affirmative Action Office, Effective 12/82.

Cont.

ETHNIC AND GENDER DISTRIBUTION PROFESSIONAL STAFF BY MBU WITHIN EXECUTIVE AREA												
Department	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
Chancellor's Area												
Chancellor's Office	5	4						1			5(50)	5(50)
Planning & Budget Office	1	6	1	1							2(22)	7(78)
Affirmative Action	1			2							1(33)	2(67)
Special Programs	<u>1</u>	<u>3</u>									<u>1(25)</u>	<u>3(75)</u>
Total	8	13	1	3	0	0	0	1	0	0	9(35)	17(65)
V.C. Academic Affairs												
Provost Area	10	20		2						1	10(30)	23(70)
Labor Relations	1										1(100)	0(0)
Continuing Education	14	18			1						15(45)	18(55)
Library	24	27					1	2			25(46)	29(54)
Computer Center	11	8	1								12(60)	8(40)
Graduate School	22	7					3	2			25(74)	9(26)
College of Arts & Sci.	2	7									2(22)	7(78)
Hum. & Fine Arts	5	14									5(26)	14(74)
Social & Behavioral Sci.	12	9									12(57)	9(43)
Natural Sci. & Math.	52	23					5	2			57(70)	25(30)
School of Management	13	5									13(72)	5(28)
School of Engineering	12	7	1					1			13(62)	8(38)
School of Health Sci.		3	1	1							1(20)	4(80)
School of Phys. Ed.	24	5	2								26(84)	5(16)
School of Education	18	15	1	3				1			20(53)	18(47)
Col. of Food & Nat. Resc.	<u>39</u>	<u>38</u>	<u>2</u>	<u>2</u>			<u>2</u>	<u>1</u>	<u>1</u>		<u>44(52)</u>	<u>41(48)</u>
Total	259	206	8	8	1	0	12	8	1	1	281(56)	223(44)
V.C. Student Affairs												
Vice Chancellor's Office	5	3	1					1			6(60)	4(40)
Student Activities	10	8	2	1			2		1		12(50)	12(50)
Housing Services	19	23	7	5	2			1		1	28(48)	30(52)
Public Safety	3	2									3(60)	2(40)
Academic Support Serv.	15	21	6	4	1	2					22(45)	27(55)
Dean of Students	6	7		2							6(40)	9(60)
Health Services	48	78	1	3		1	1	1			50(38)	83(62)
Ed. Support Services	<u>1</u>	<u>12</u>	<u>6</u>	<u>5</u>	<u>2</u>	<u>4</u>		<u>1</u>			<u>9(29)</u>	<u>22(71)</u>
Total	107	154	23	20	5	10	1	4	0	1	136(42)	189(58)

SOURCE: Affirmative Action Office, Effective 12/82.

ETHNIC AND GENDER DISTRIBUTION
PROFESSIONAL STAFF BY MBU WITHIN EXECUTIVE AREA

Department	Caucasian		Black		Hispanic		Asian/Pacific Is.		Native Am./Alask. Nat.		Total By Gender	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male(%)	Female(%)
V. C. Admin. & Finance												
Vice Chancellor's Office	4										4(100)	0(0)
Financial Affairs	9	5									9(64)	5(36)
Human Resources	6	5	1								7(58)	5(42)
Physical Plant	37	2							1		38(95)	2(5)
Facilities Planning	1										1(100)	0(0)
Auxiliary Services	33	12	3				2		1		39(76)	12(24)
Administrative Serv.	2	2									2(50)	2(50)
Grants & Contracts	3	2					1				3(50)	3(50)
Total	95	28	4	0	0	0	2	1	2	0	103(78)	29(22)
V.C. Univ. Rel. & Dev.												
Alumni Aff. & Dev.	6	6									6(50)	6(50)
Pub. Info. & Publications	9	8	1								10(56)	8(44)
Community Relations	2	1									2(67)	1(33)
Total	17	15	1	0	0	0	0	0	0	0	18(55)	15(45)
GRAND TOTAL	486	416	37	31	6	10	15	14	3	2	547(54)	473(46)

SOURCE: Affirmative Action Office, Effective 12/82.

Cont.

Introduction

The operating budget of the Amherst campus is composed of the following three major sources of funds:

<u>State Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>
Maintenance appropriation	Financial aid, including	Revenue Based Trust Funds
Special appropriations:	SEOG, NDSL, work study	Allocable Trust Funds
State scholarships	Grants and Contracts	Research Trust Fund
Aid to disadvantaged students	Land Grant appropriations	Alumni Fund
Library acquisitions		Trust Fund Interest
		Admin. Allowance
		Non-Federal grants and contracts
		Misc. non-state funds

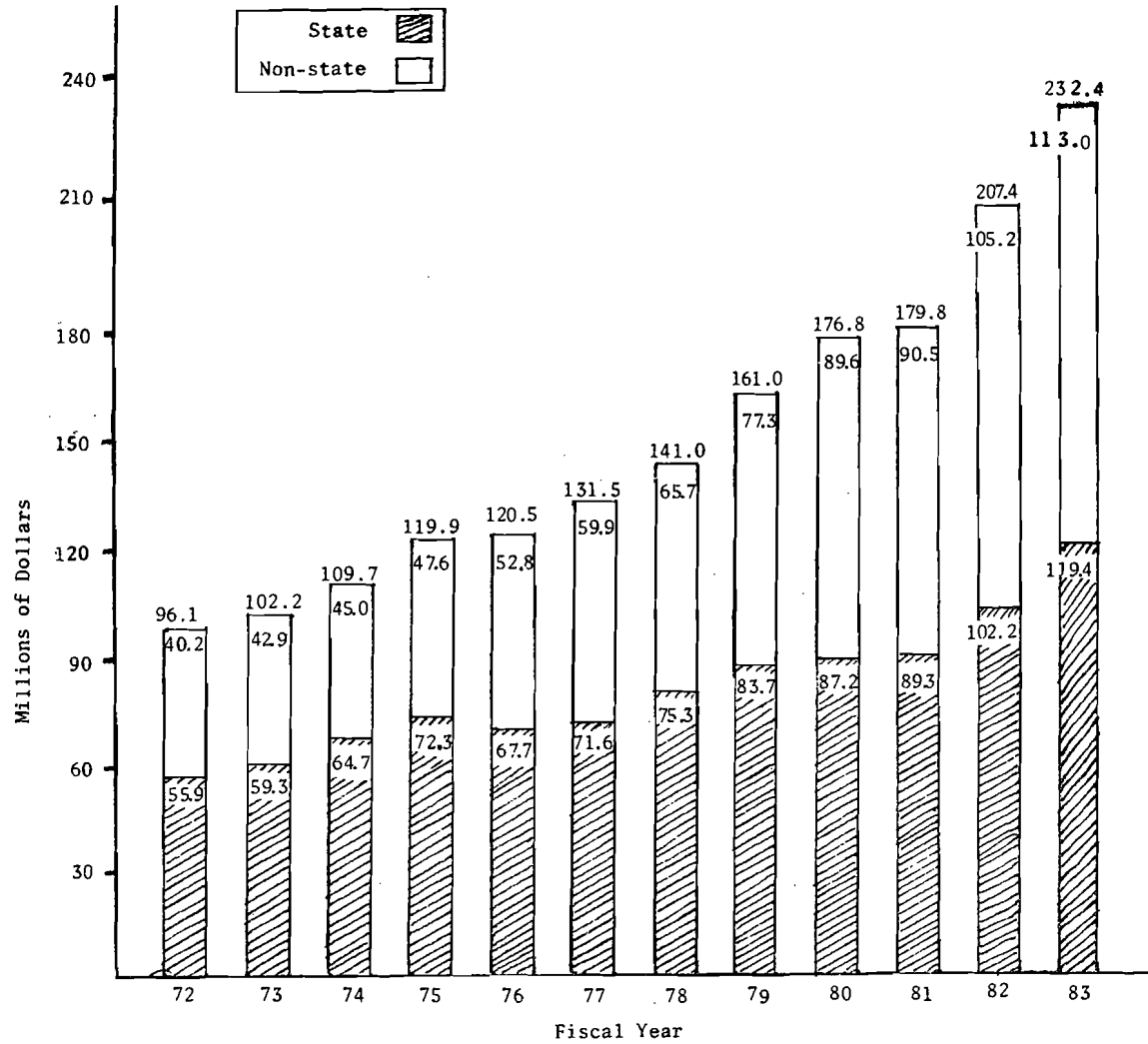
Another major source of funding state appropriated Capital Outlay is a separate budget item providing for new buildings, major renovations, and equipment.

The Budget Office initiates the budget process approximately a year and a half prior to the start of the fiscal year of interest when it sends budget request packages to University departments. In general, planning parameters are a part of this process. Departments prepare detailed requests based on certain assumptions, submitting them to their Deans, Directors, or Division Heads in May. After review and discussion at this level, the request is forwarded to the appropriate Vice Chancellor in June. In July, meetings between the Deans, Directors, or Division Heads and their respective Vice Chancellor are held to go over these requests and to identify priorities. In August, discussions are held between the President and Chancellors of the three campuses regarding the budget requests for the coming year. Here, decisions are made concerning University priorities for the budget request and request targets are set for each campus and for the University system.

Summary maintenance budget request documents for the Amherst campus are prepared by mid-August. The President's Office receives requests from the three campuses and prepares a summary maintenance budget request for the total University system. This request is submitted to the Board of Trustees and then the Board of Regents in September or October. After approval it is then formally transmitted to the Executive Office of the Governor, to the House Committee on Ways and Means, and to the Senate Committee on Ways and Means. In October, public hearings are held on the request - this is a statutory requirement. In January, the Governor's recommended appropriation is submitted to the House in the form of House 1, the first bill of each term. During the next six months the legislative review process takes place, including approval of a separate appropriations bill by the House and the Senate, a joint conference committee which discusses differences and formulates a final version of the appropriation, and a return to the full Senate and the full House for approval. After approval by the legislature, the bill is sent to the Governor for signature. Hopefully, the State Maintenance Appropriation for the fiscal year is approved by the legislature and Governor before July 1st, which is the beginning of the fiscal year.

During January and February of the operating year, the University begins the mid-year review process which includes the review of problem area in the current operating budget, thus setting the stage for the next budget request cycle.

AMHERST CAMPUS OPERATING BUDGET



SOURCE: Office of Planning and Budget, eff. 2/83

STATE MAINTENANCE APPROPRIATION ALLOTMENTS BY SUBSIDIARY ACCOUNTS								
Acct.	Description	FY 1978	FY 1979	FY 1980	FY 1981	FY 1982	FY 1983*	FY 1984
01	Salaries, Permanent Positions	\$54,234,972	\$60,479,145	\$62,500,000	\$64,702,160 ^{a,b}	\$71,526,217	\$78,665,759	
02	Salaries, Other	872,836	1,529,500	1,600,000	2,458,027 ^b	3,177,000	3,641,740	
03	Services, Non-Employees	5,880,000	5,530,000	5,415,000	5,405,000	5,785,000	6,216,838	
04	Food for Persons	-0-	-0-	-0-	-0-	-0-	-0-	
05	Clothing	11,750	14,470	15,000	16,000	17,000	17,700	
06	Housekeeping Supplies & Expenses	89,248	88,500	100,000	92,500	100,000	110,910	
07	Lab, Medical & General Care	7,600	9,200	10,000	10,950	11,000	11,250	
08	Heat & Other Plant Operations	5,674,831	6,462,105	7,250,000	8,265,000	9,000,000	10,100,000	
09	Farm & Grounds	109,000	32,300	60,000	65,700	60,000	64,800	
10	Travel & Auto Expenses	363,059	408,030	435,000	416,750	450,000	623,040	
11	Advertising & Printing	242,541	256,800	305,000	301,125	370,000	481,101	
12	Repairs, Alterations & Additions	1,647,000	1,675,245	1,775,000	2,009,000	2,310,000	2,928,831	
13	Special Supplies & Expenses	1,511,000	1,615,000	1,700,000	1,828,500	2,165,000	2,278,162	
14	Office & Administration Expenses	1,119,700	1,404,895	1,475,000	1,526,000	1,600,000	1,766,148	
15	Equipment	701,600	750,700	700,000	700,000	900,000	692,527	
16	Rentals	<u>1,250,731</u>	<u>1,306,260</u>	<u>1,360,000</u>	<u>1,501,000</u>	<u>1,555,000</u>	<u>1,719,653</u>	
	TOTALS	\$73,715,868	\$81,562,150	\$84,700,000	\$89,297,712	\$99,026,217	\$109,318,459	

^aDoes not include Faculty Retroactive Salary of \$2,411,055.

^bIncludes prior year payments for administrative reclassification: 01 - \$65,406 and 02 - \$8,160.

*As of Mid-Year Review, February 1983.

SOURCES: 1978-1982, Final Status Reports, Campus Controller's Office; 1983, Budget Office.

Inflation

The table below on price indexes of interest in higher education is provided in the FACTBOOK for general information and for reference. Since 1975 the Higher Education Price Index (HEPI) has risen more slowly than the Consumer Price Index (CPI) largely because raises in faculty salaries nationally have fallen behind income increases for the nation as a whole. On the other hand, library costs and utilities have risen steeply. For more information on all the indexes, the interested reader should consult the source document.

The Higher Education Price Index (HEPI) measures average changes in prices of goods and services purchased by colleges and universities through current-fund educational and general expenditures. Educational and general operations include the functions of instruction and departmental research, extension and public service, educational programs such as workshops and instructional institutes supported by sponsors outside the institution, student services, general administration and expenses, staff benefits, libraries, and operation and maintenance of the physical plant. Sponsored research and auxiliary enterprises are not priced by the HEPI. The HEPI is based on the prices (or salaries) of faculty and of administrators and other professional service personnel; clerical, technical, service, and other non-professional personnel; and contracted services, such as data processing, communication, transportation, supplies and materials, equipment, books and periodicals, and utilities.

The Research and Development Price Index (R&DPI) measures changes in prices of goods and services bought by universities through current direct expenditures for sponsored research. Indirect costs or overhead charges apportioned to research are excluded from the price index, which is designed specifically to price only immediate research activities. Also excluded are major expenditures for expensive scientific equipment and furnishings. The direct expenditures for sponsored research priced by the R&DPI, as with the HEPI, consist of salaries and wages for professional and non-professional personnel, fringe benefits, contracted services, supplies and materials, and equipment. Sponsored research requires nearly twice the relative amount of contracted services, supplies and materials, and equipment as do college and university current educational and general operations.

PRICE INDEXES FOR FISCAL YEARS 1971-81 WHERE 1971 = 100
(Annual percent changes in parentheses)

Fiscal Year	HEPI	R&DPI	Consumer Price Index	Libraries	Utilities
1971	100.0 (6.4)	100.0 (5.9)	100.0 (5.2)	100.0	100.0
1972	105.6 (5.6)	105.4 (5.4)	103.6 (3.6)	113.1 (13.1)	106.8 (6.8)
1973	111.2 (5.3)	110.3 (4.7)	107.7 (3.9)	122.2 (8.0)	112.6 (5.4)
1974	119.1 (7.1)	117.4 (6.5)	117.3 (8.9)	134.9 (10.4)	138.1(22.6)
1975	129.2 (8.6)	128.4 (9.4)	130.4(11.2)	151.6 (12.4)	177.1(28.2)
1976	137.8 (6.6)	137.6 (7.1)	139.6 (7.1)	173.9 (14.7)	191.2 (8.0)
1977	146.7 (6.5)	146.1 (6.2)	147.7 (5.8)	184.9 (6.3)	225.2(17.8)
1978	156.5 (6.7)	155.4 (6.5)	157.7 (6.8)	197.8 (7.0)	255.2(13.3)
1979	168.7 (7.7)	167.7 (7.8)	172.4 (9.3)	218.4 (10.4)	279.9(9.7)
1980	185.3 (9.9)	182.8 (9.0)	195.4(13.3)	251.3 (15.1)	356.9(27.5)
1981	205.2(10.7)	202.4(10.7)	218.0(11.6)	276.3 (9.9)	443.3(24.2)
1982	225.6 (9.9)	220.4(8.9)	236.9 (8.7)	NA	NA

SOURCE: Higher Education Prices and Price Indexes (1974) and "Updates" to 1982.

Undergraduate Student Expenses

UNDERGRADUATE STUDENT EXPENSES							
Academic Year	Tuition		Required Fees	Average Room	Average Board	In-state Total	Percent Increase
	In-State	Out-State					
1870-71	\$ 56	\$ 56	-	\$ 15	\$ 117	\$ 168	-
1880-81	56	56	-	25	125	186	10.7
1890-91	80	80	-	36	140	256	37.6
1900-01	80	80	-	36	140	256	0
1910-11	No cost to U.S. citizens, \$120.00 per year for non-citizens.						
1920-21	0	60	(DATA	NOT	A V A I L A B L E)		-
1930-31	60	180	-	75	255	388	-
1940-41	100	220	27	140	200	467	20.4
1950-51	100	400	38	150	345	633	0.8
1960-61	200	600	66	200	340	806	1.2
1961-62	200	600	106	200	340	846	5.0
1962-63	200	600	112	250	331	893	5.6
1963-64	200	600	111	250	332	893	0
1964-65	200	600	119	250	370	939	5.2
1965-66	200	600	119	250	370	939	0
1966-67	200	600	127	250	405	982	4.6
1967-68	200	600	146	325	440	1,111	13.1
1968-69	200	600	154	425	490	1,269	14.2
1969-70	200	600	171	425	530	1,326	4.5
1970-71	200	600	206	570	530	1,506	13.6
1971-72	200	600	212	603	578	1,593	5.8
1972-73	250	850	219	640	578	1,687	5.9
1973-74	300	1,100	215	667	606	1,788	6.0
1974-75	300	1,100	249	667	654	1,870	4.6
1975-76	300	1,100	249	694	733	1,976	5.7
1976-77	345	1,550	249	739	733	2,066	4.6
1977-78	480	1,550	287	795	778	2,340	13.3
1978-79	525	1,550	304	805	826	2,460	5.1
1979-80	625	2,150	335	843	854	2,657	8.0
1980-81	750	2,750	363	1,027	913	3,053	14.9
1981-82	952	3,350	374	1,136	1,014	3,476	13.9
1982-83	1,129	3,686	419	1,212	1,087	3,847	10.7

SOURCE: Bursar's Office.

Graduate Student Expenses

Academic Year	Tuition		Required Fees	Total	
	In-State	Out-State		In-State	Percent Increase
1930-31	\$ 51	\$ 51		\$ 51	
1940-41	100	220		100	96.1
1950-51	100	220		100	0.0
1960-61	100	300		100	0.0
1961-62	200	300		200	100.0
1962-63	200	300	\$ 51	251	25.5
1963-64	200	300	51	251	0.0
1964-65	200	300	61	261	4.0
1965-66	200	300	61	261	0.0
1966-67	200	300	61	261	0.0
1967-68	200	300	81	281	7.7
1968-69	200	300	81	281	0.0
1969-70	200	300	92	292	3.9
1970-71	200	300	112	312	6.8
1971-72	200	300	135	335	7.4
1972-73	325	600	145	470	40.3
1973-74	450	900	136	586	24.7
1974-75	450	900	181	631	7.7
1975-76	450	900	188	638	1.1
1976-77	494	1,029	188	682	6.9
1977-78	626	1,420	228	854	25.2
1978-79	670	1,550	244	914	7.0
1979-80	800	2,150	258	1,058	15.8
1980-81	950	2,750	279	1,229	16.2
1981-82	1,210	3,427	290	1,500	22.1
1982-83	1,434	3,770	324	1,758	17.2

SOURCE: Bursar's Office.

Development and Alumni

The Office of Development and Alumni Affairs is chiefly responsible for annual and capital fund raising activities on campus; in the course of 1982 and 1983 it has also begun some initiatives in the area of academic program support. Currently the department is engaged in two major solicitations: The Annual Fund (made up chiefly of gifts from individual alumni) and a capital effort on behalf of the School of Engineering. In fiscal year 1982, alumni and friends of the University enabled the Annual Fund to set a new standard in voluntary support. The total of \$625,213 received marked the largest annual increase in the fund's history.

ALUMNI ANNUAL FUND					
Category	FY 78	FY 79	FY 80	FY 81	FY 82
No. of Donors (Alumni & Friends)	15,961*	14,943	14,445	14,501	15,440
Dollars Given by Alumni	\$306,402	\$340,043	\$347,259	\$412,952	\$508,895
Dollars Given by Parents/Friends	\$ 7,983	\$ 6,374	\$ 7,629	\$ 13,573	\$ 21,416
Dollars Given through Corporate Matching Gift Program	\$ 34,497	\$ 42,596	\$ 46,505	\$ 55,304	\$ 94,902
TOTALS	\$348,882	\$389,013	\$401,393	\$481,829	\$625,213

*FY 78 alumni married to alumnae were each considered donors.

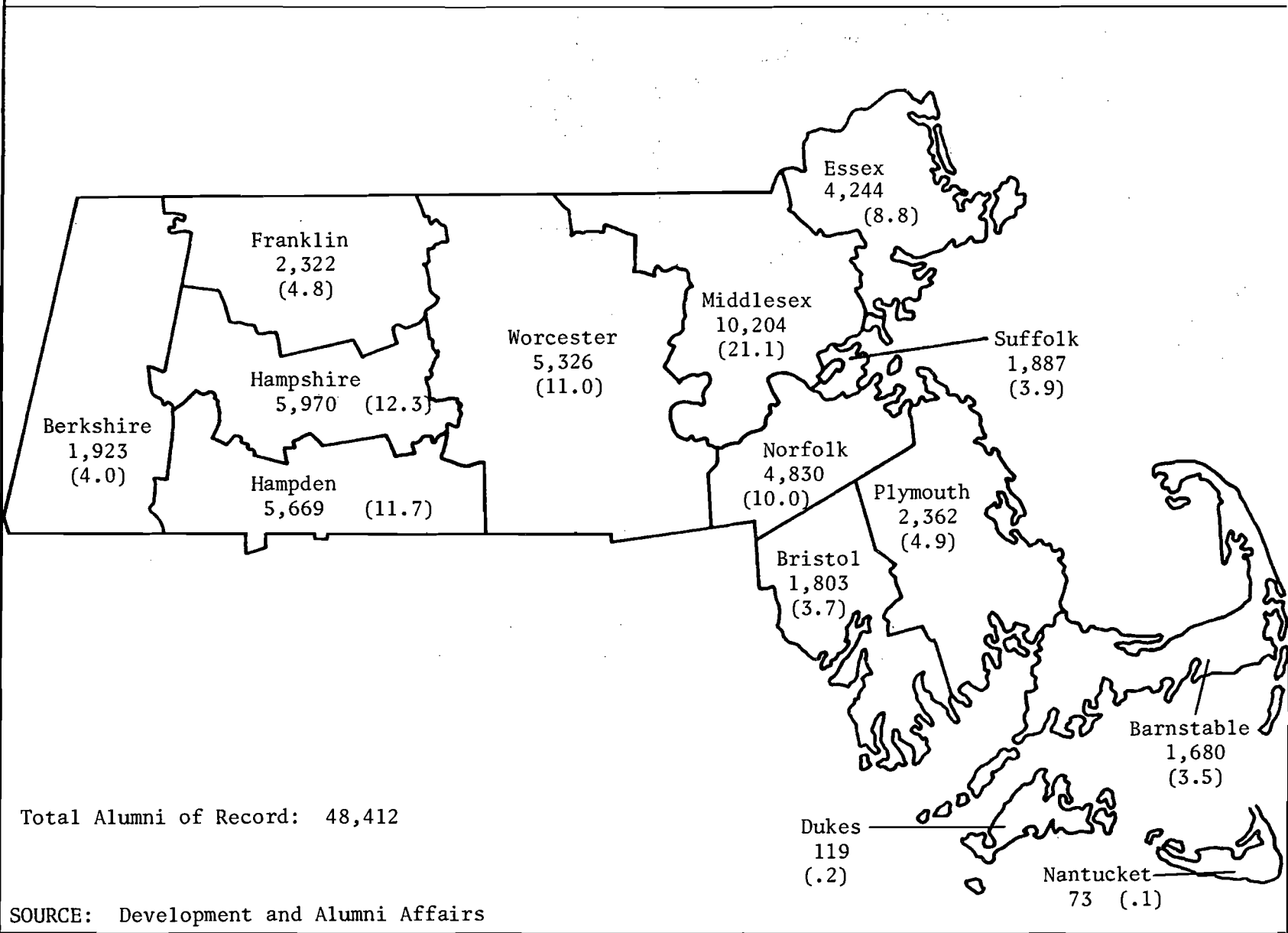
The School of Engineering's capital campaign to raise \$5.5 million represents a unique fund-raising enterprise for the University. Underway since 1980, it marks the first time that the private sector has been approached for funds to satisfy major capital needs. Contributions in the form of cash and equipment are being used to upgrade the teaching and laboratory facilities. This effort has received major support from industry, particularly the high tech sector in the Commonwealth, as well as from many alumni and friends. As of November 1, 1982, almost \$3.6 million has been pledged toward the \$5.5 million goal. Of that \$3.6 million, \$509,000 was pledged and \$451,755 was received during FY 82.

SCHOOL OF ENGINEERING CAPITAL CAMPAIGN		
Date	New Pledges*	Received Against All Pledges
Through FY 1981	\$2,125,060	\$714,318
FY 1982	509,000	451,755
FY 1983 to-date (11/1/82)	946,650	109,000
GRAND TOTAL	\$3,580,710	\$1,275,073

*Pledges represent long-term commitments which usually are realized in installments over a 3- to 5-year period.

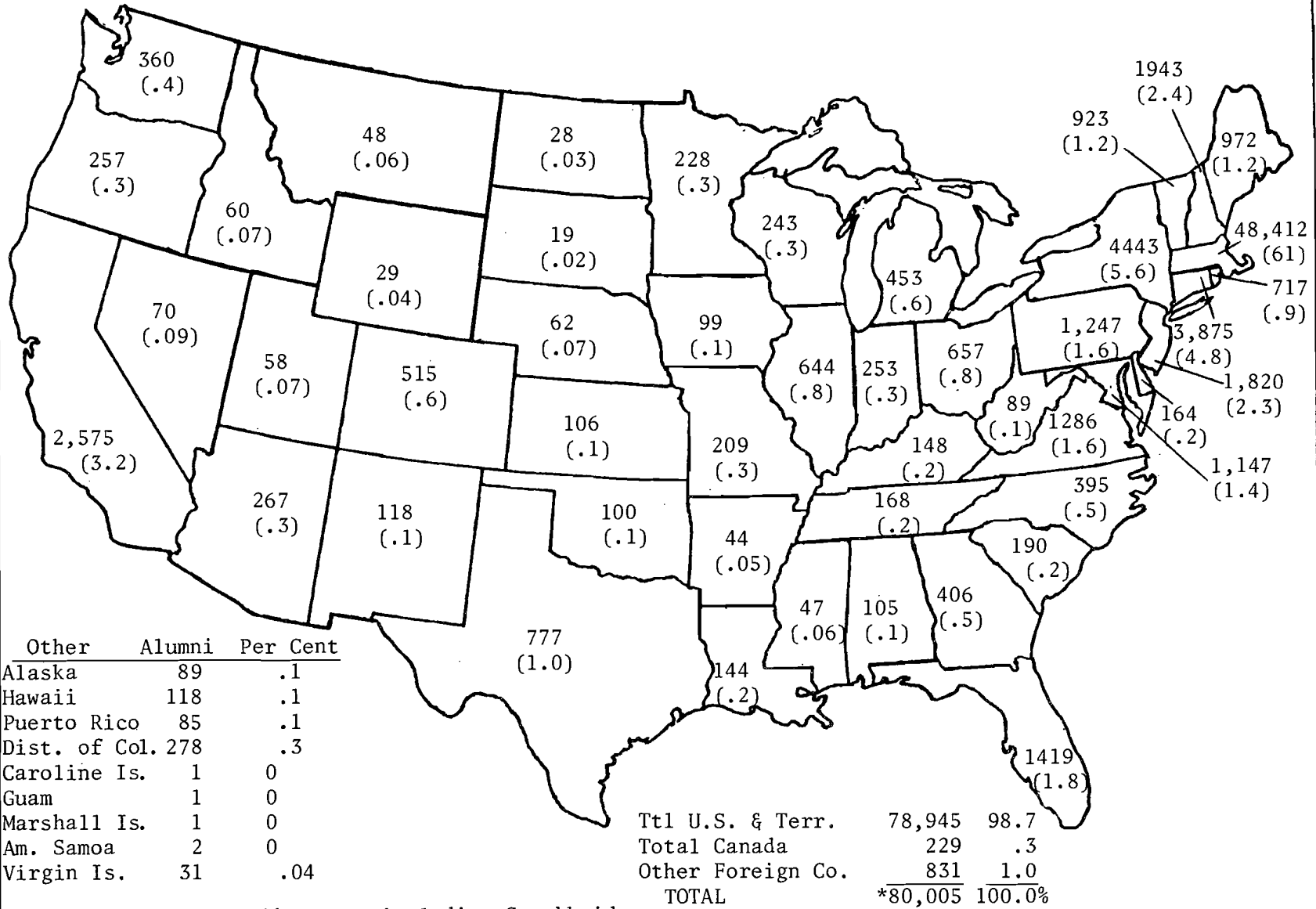
SOURCE: Office of Development & Alumni Affairs.

RESIDENCE DISTRIBUTION OF MASSACHUSETTS ALUMNI BY COUNTY
FALL 1982 (Per Cent of Total in Parentheses)



SOURCE: Development and Alumni Affairs

GEOGRAPHICAL DISTRIBUTION OF ALUMNI BY RESIDENCE, FALL 1982
(Per Cent of Total in Parentheses)



*Alumni with known addresses, including Stockbridge.

SOURCE: Alumni Office.

Geographical Distribution of Alumni

Each year the University Health Services draws visitors from other universities throughout the nation who wish to see at first hand a well developed comprehensive university community program, one of the most highly regarded in the country. At the Amherst Campus a total of 16 physicians, 12 nurse practitioners, 2 physician assistants, 4 dentists, 13 mental health professionals, 8 health educators, 20 environmental health and safety professionals, and 90 support staff serve the University community and contribute to the mission of the University Health Services: to provide or arrange for comprehensive health care for students, faculty, staff and their families. This encompasses high quality diagnostic and therapeutic services; health promotion, education and prevention programs to improve personal health maintenance; community consultation and education services to promote positive health values; environmental health and safety services to eliminate or control health hazards; and counseling and support services for handicapped students. Its outstanding accomplishments are many: development of health education and prevention programs, comprehensive prepaid group practice programs, and a Health Maintenance Organization for the entire University; use of family practice teams for primary health care, an American Psychological Association accredited Clinical Psychology internship program, dental group practice, and a quality assurance program for physician services. The excellence of the University Health Services is reflected in a Spring '80 Student Affairs Research & Evaluation Office survey which found 88% student satisfaction, the highest level for any division on campus.

UNIVERSITY HEALTH SERVICES: SELECTED U/MASS STUDENT STATISTICS

Unit Counted	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
Avg. Enroll. in Student Health Plan Only	21,380	20,350	20,023	20,337	20,975	21,052
Inpatient Admissions	995	1,081	1,045	961	989	823
Inpatient Days	3,437	3,200	3,324	2,812	3,118	2,319
Average Length of Inpatient Stay in Days	3.44	2.90	3.29	2.98	3.10	2.84
Physician Visits	35,628	34,222	36,742	37,797	34,532	35,254
Nursing Services Visits	38,739	32,717	26,941	28,261	31,674	29,626
Dental Visits	11,826	12,014	12,828	14,102	14,163	13,769
Mental Health Patients Seen	1,363	1,292	1,436	1,576	1,609	1,540
Mental Health Sessions (inc. couples)	8,752	7,889	7,226	6,834	7,729	7,414
Reported Student Deaths	7	7	19	9	19	8
Number of Peer Educators Trained	106	120	124	116	98	76
Van Transports for Handicapped Students	5,050	6,204	7,907	6,326	8,403	10,049
Fire Department Responses	191	145	370	492	427	400
Total Annual Income (Student Health Plan)	2,371,958	2,657,816	2,896,207	3,297,478	3,652,594	3,785,009
Direct Costs Per Clinic Visit	7.35	10.27	10.33	9.94	11.95	13.76
Per M.D. Visit	9.05	12.04	10.67	12.46	14.00	15.55
Per N.P. Visit	4.16	5.66	6.06	7.05	6.99*	7.49
Per M.H. Visit	24.17	36.43	30.60	32.50	36.32	40.76

*Corrected figure.

Source: University Health Services.

Sports

GENERAL PHYSICAL EDUCATION PROGRAM

The Physical Education Program educates to promote a personal awareness of the relationship between active sports participation and individual well-being. Serving University undergraduates, the program offers instruction in a wide range of courses covering traditional as well as leisure and lifetime sports activities. The scope of the program allows students to learn through participation in the area of their individual interest.

INTRAMURAL PROGRAM

The intent of the intramural recreational sports program is not unlike that of the general program. Under the guiding philosophy that physical fitness is an integral element of a well rounded education and healthful lifestyle, structured and unstructured sports offerings are expanded to serve the entire University community. Here, students, faculty and staff are afforded the opportunity to participate in a variety of recreational or competitive sports activities.

ATHLETIC PROGRAM

The intercollegiate athletic program offers 14 men's and 14 women's sports that encompass more than 400 contests annually. Athletic scholarships in the 1981-82 academic year were awarded in men's basketball and football, and in women's basketball, field hockey, gymnastics and softball. All University students are encouraged to try out for all teams.

SPORTS PARTICIPATION

	Participation	FY 1978-79	FY 1979-80	FY 1980-81	FY 1981-82
General Physical Education	TOTAL	6,497	6,453	6,365	6,578
Intramural Undergraduate	Male	6,079	6,364	5,400	4,516
	Female	<u>2,048</u>	<u>2,033</u>	<u>1,254</u>	<u>1,501</u>
	TOTAL	8,127	8,397	6,654	6,017
Intramural Graduate	TOTAL	439	463	397	596
Total Incidents of Participation		237,123	240,919	284,154	239,985
Number of Varsity Athletic Contests	Male	183	164	198	195
	Female	<u>185</u>	<u>188</u>	<u>193</u>	<u>230</u>
	TOTAL	<u>368</u>	<u>352</u>	<u>391</u>	<u>425</u>
Winning Varsity Athletic Teams	Male	53%	49%	49%	43%
	Female	74%	69%	58%	64%

Source: Athletic Department

Library

UNIVERSITY LIBRARY SELECTED STATISTICS					
Fiscal Year	Number of Volumes	Percent Increase	Acquisitions Expenditures*	Expenditures Per FTE Student	ARL** Median Expenditures
1953	182,637	-			
1954	189,670	3.9			
1955	194,729	2.7			
1956	199,830	2.6			
1957	207,165	3.7			
1958	214,441	3.5			
1959	220,121	2.6			
1960	227,929	3.5			
1961	239,819	5.2			
1962	251,911	5.1			
1963	271,226	7.6			
1964	294,672	8.6			
1965	358,528	21.7			
1966	427,996	19.4			
1967	629,757	47.1	\$ 751,501	\$57.38	
1968	692,625	10.0	770,796	52.26	
1969	796,295	15.0	1,006,075	63.96	\$ 770,165
1970	891,890	12.0	728,584	40.92	910,010
1971	1,003,610	12.5	1,112,452	58.19	932,172
1972	1,122,540	11.9	1,043,494	49.91	906,642
1973	1,205,591	7.4	814,288	37.13	884,253
1974	1,289,395	7.0	897,251	40.50	1,062,002
1975	1,362,969	5.7	808,268	36.26	1,081,147
1976	1,453,314	6.6	914,822	41.05	1,173,503
1977	1,532,850	5.5	939,782	43.46	1,285,131
1978	1,587,653	3.6	811,554	37.24	1,400,931
1979	1,654,927	4.2	1,030,813	47.19	1,558,589
1980	1,730,872	4.6	1,279,489	57.97	1,637,405
1981	1,803,647	4.2	1,293,518	57.09	1,783,144
1982	1,870,049	3.7	1,501,324	69.23	1,966,439
1983***	1,925,000	3.5	1,700,000	73.48	N/A

(NOT AVAILABLE)

*Includes state maintenance appropriation, state special appropriation, federal funds, and other funds.

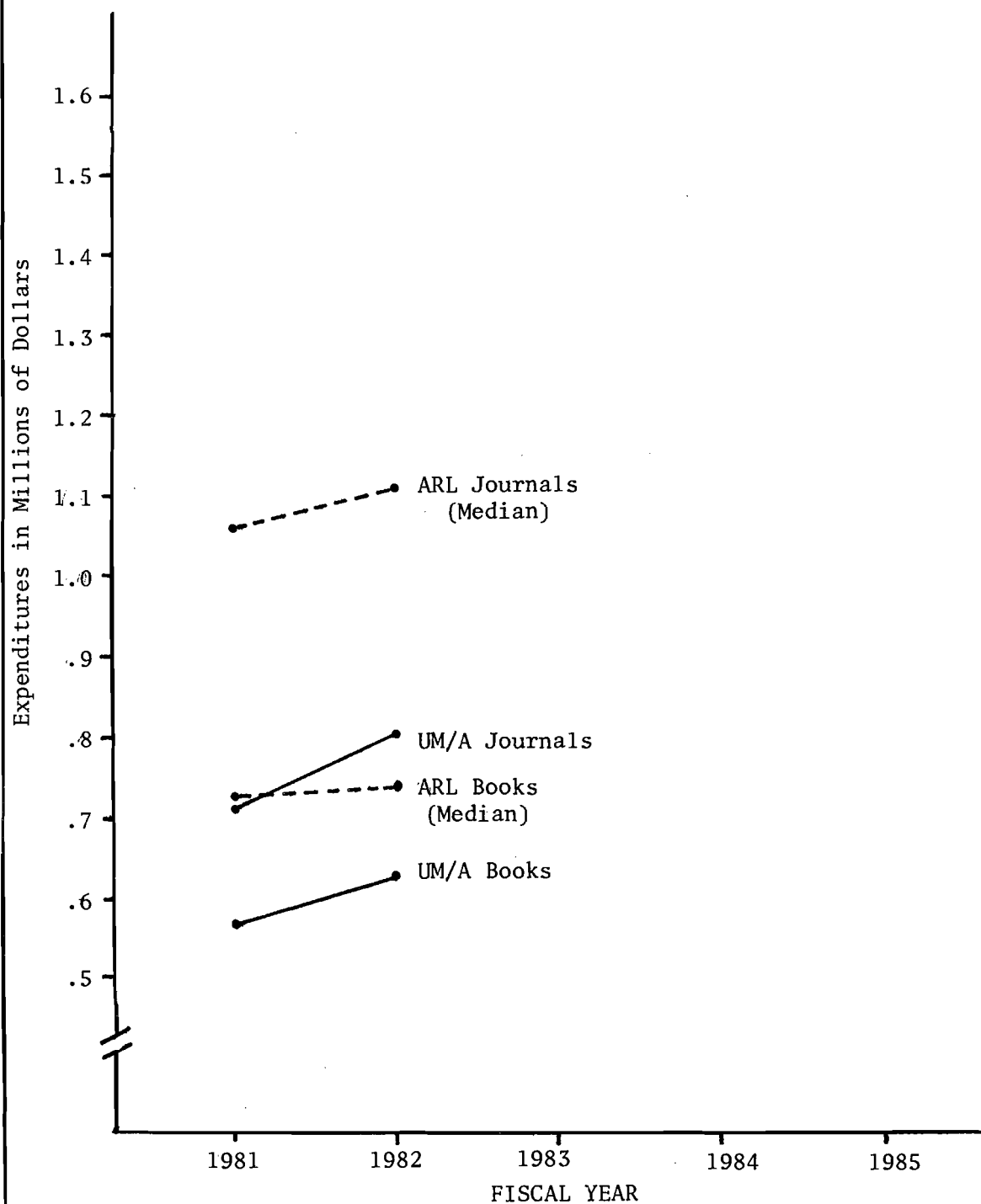
**ARL: Association of Research Libraries.

***Estimated.

SOURCE: University Library.

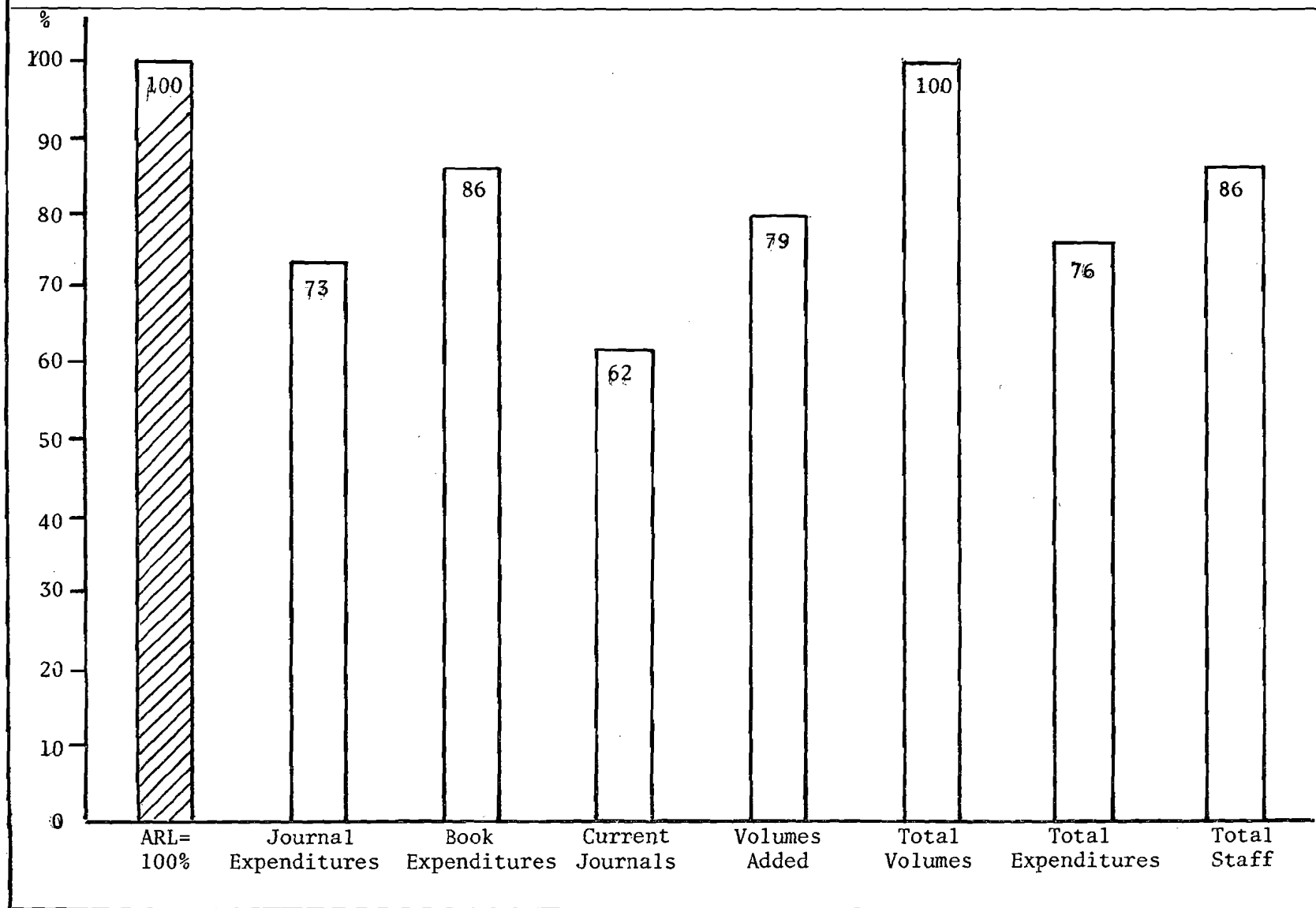
Library

LIBRARY EXPENDITURES FOR BOOKS AND JOURNALS:
ASSOCIATION OF RESEARCH LIBRARIES (ARL) VS UNIVERSITY OF MASSACHUSETTS/AMHERST



SOURCE: "ARL Statistics", University Library.

UNIVERSITY OF MASSACHUSETTS/AMHERST LIBRARY SELECTED STATISTICS AS A PERCENTAGE OF
 AMERICAN RESEARCH LIBRARIES (ARL) MEDIAN FIGURES
 1981-1982



SOURCE: "ARL Statistics", University Library.

Administrative Computer

The Administrative Data Processing Center for the University of Massachusetts system is located on the Amherst campus and provides service for administrative systems for the Amherst, Boston and Worcester campuses in addition to the President's Office. The computer system is an IBM Plug compatible National Advanced System (NAS/6) with 10 megabytes of core and over 7.5 million bytes of disk storage. The system operates in an OS/MVS environment and uses CICS as its communication monitor. COBOL is the standard language and System 2000 is the Data Base Management System. The system has extensive communication features including over 300 computer terminals. Currently, there are 143 systems' applications, ranging from payroll, student systems, financial systems, and generalized retrieval systems.

SELECTED STATISTICS

Category	FY 1980	FY 1981	FY 1982	FY 1983
Data Processing Budget	\$2,394,850	\$2,526,052	\$2,867,000	\$3,100,000
Salaries & Wages	1,241,800	1,224,384	1,450,000	1,506,013
Hardware & Software	699,300	810,520	915,000	1,002,288
Supplies, Equipment, Other	453,750	491,148	502,000	591,699

COMPUTER OPERATIONS

Total Jobs Run	106,629	135,290	159,683	-
Average/Day	414	544	639	-
Total On-Line Transactions	16,071,925	16,628,360	17,435,240	-
Peak Day	83,355	86,094	98,891	-
Accesses to Tape Drives	383,232,419	496,959,143	483,942,980	-
Accesses to Disk Drives	612,370,156	797,013,604	994,694,621	-
Print Lines, On Site	331,749,635	367,922,819	412,099,818	-
Print Lines, Remote	13,622,515	39,002,159	46,789,326	-

MANAGEMENT SYSTEMS

New Requests	396	252	291	-
Completed Requests	382	290	245	-
Production Problems	245	191	147	-
On-Line Data Analyzer Requests	2,949	5,494	9,053	-

PRODUCTIVITY

Budget Increase	0.01%	5.5%	13.5%	8.13%
% of University Budget	2.11%	1.90%	1.87%	1.77%
Staffing Increase	-10.00%	8.00%	-4.00%	1.28%
Increase in Production Jobs	5.20%	26.90%	18.03%	-
Increase in Test Jobs	7.90%	36.20%	25.31%	-
Increase in On-Line Use	4.3%	3.5%	4.9%	-
Increase in Disk Usage	10.7%	30.2%	24.8%	-
Increase in Tape Usage	40.90%	29.70%	2.6%	-
Increase in User Reports (Darts)	-	85.70%	64.78%	-

SOURCE: Administrative Data Processing Center.

Academic Computer

The University Computing Center provides computing support for the instructional and research activities of the University. In addition to computing support on the Amherst Campus, the UCC also supplies computing resources to both the Worcester and Boston campuses as well as the Five-College community.

The central computing resources include two mainframes. The CDC Cyber 175-100 has 198K 60 bit words of main memory, 512K words of extended memory and 20 peripheral processing units; the Cyber 720 has 131K 60 bit words of memory, 10 peripheral processing units and also has access to the extended memory. Both systems access 147,600,000 words of file storage. The same software system (NOS 2) operates on both machines.

UCC has 8 tape drives and a high capacity disk system; at the end of fiscal year 1981, UCC's disk storage was 2.35 billion characters — one-third again as much as was available the previous year. Included are a central batch facility, 5 remote batch stations, and 286 time-sharing ports. Timesharing is handled by three CDC 2550 front-end computers and is available continuously except for about six hours a week of scheduled maintenance, and occasional times for testing the system.

During FY 1982 there were 37,197 different accounts active during the year, of which 3,242 were faculty accounts and 33,955 were assigned to students. This represents a 41% increase in the number of users over the previous year.

COMPUTER UTILIZATION				
Category	FY79	FY80	FY81	FY82
Timesharing				
Sessions	543,985	651,488	842,319	943,012
Session Hours	239,011	324,732	431,307	548,565
Avg. Session (min.)	26.4	29.9	30.7	34.9
CPU Hours	723.5	799.6	1,045.6	1,225.3
Avg. CPU Seconds/Session	4.8	4.4	4.5	4.7
Batch				
Jobs	203,289	259,990	375,449	308,324
Throughput Hours	50,283	25,994*	41,305	69,250
Avg. Session (min.)	14.8	6.0	6.6	13.5
CPU Hours	1,637.5	793.7*	942.3	1,298.8
Avg. CPU Seconds/Run	29.0	11.0	9.0	15.2

*The Cyber 175 was installed midway through FY 1979. The increased CPU capabilities accounts for the decrease in machine time.

SOURCE: University Computing Center.

UNIVERSITY COMPUTING CENTER, CPU & DISK USE BY CAMPUS, FY 1982

Area	Instructional	Research	Other	Total
President's Office	\$ -0-	\$ 1,151	\$ -0-	\$ 1,151
Amherst Campus	977,144	2,288,897	177,511	3,443,552
Harbor Campus*	965	21,791	231,642	254,398
Worcester Campus	-0-	4,470	21	4,491
Five-Colleges	46,273	29,256	3,061	78,590
Other Higher Education Institutes	-0-	714	597	1,311
Federal, State, and Municipal Agencies	-0-	12,408	6,445	18,853
Other	-0-	35,900	64,014	99,914
TOTAL	\$1,024,382	\$2,393,436	\$483,291	\$3,902,262

*Due to the way students' accounts are established, used, and maintained on the Boston Campus, instructional and administrative accounts are not separately identified.

The chart below shows the existing network distribution of central computer resources for instructional and research purposes. Together, the use on the Amherst Campus, Boston Campus, and the campuses of the Five-Colleges accounts for 96.6% of the total use. The balance is divided between the Worcester Campus, State and municipal agencies, and a few University-related commercial accounts.

AMHERST CAMPUS ACADEMIC COMPUTER USE VALUE, FY 1979-82

School/College/Faculty	Instruction				Research			
	FY 1979	FY 1980	FY 1981	FY 1982	FY 1979	FY 1980	FY 1981	FY 1982
Humanities & Fine Arts	\$ 4,070	\$ 7,448	\$ 6,820	\$ 14,181	\$ 5,088	\$ 12,910	\$ 23,299	\$ 52,861
Social & Behavioral Sci.	11,396	9,434	8,293	12,615	112,945	156,411	145,746	127,035
Natural Sciences & Math	165,450	258,202	313,268	524,816	785,530	619,438	790,236	1,291,385
School of Management	47,010	87,392	74,946	78,102	51,487	99,060	120,440	108,337
Engineering	88,728	192,659	254,620	280,037	280,837	273,099	321,405	391,545
Health Sciences	10,789	15,889	12,276	10,442	38,869	40,220	40,697	24,656
Physical Education	2,239	-0-	815	3,862	6,512	4,965	8,352	12,145
Education	6,309	1,489	1,980	929	13,903	35,006	39,028	22,249
Food & Natural Resources	2,442	37,445	22,311	38,668	37,445	92,854	114,353	165,528
Other	16,073	53,920	845	13,463	57,121	59,089	42,464	93,156
TOTAL	\$354,506	\$663,878	\$696,474	\$977,144	\$1,389,737	\$1,393,052	\$1,646,020	\$2,288,897

SOURCE: University Computing Center.

Facilities

FACILITIES: SELECTED STATISTICS FY 1982

Item or Category	Number or Amount
Campus Center Complex	
Size of Building	390,079 Square Feet
Age of Facility:	
Student Union Wing	25 Years
Campus Center Wing	13 Years
Hotel Capacity	116 Rooms
Food Service	6 Facilities
Meeting Space	60 Rooms
	2 Auditoriums
Parking Capacity	1,000 Car Garage
Utilization	18,000 Organized Events Per Year
Annual Conference Attendance	41,000

University Food Service

Dining Commons	4
Mini-Marts	3
Snack Bars	3
Number of Board Students	Approximately 10,000 Per Semester
Cost of Each Meal Plan	10 Meal: \$497.50 Per Semester
	14 Meal: \$548.00 Per Semester
	19 Meal: \$585.50 Per Semester

Transit System

Number of Buses	36
Number of Routes	12
Number of Passengers Daily	23,000
Number of Passengers Yearly	4,100,000
Funding	55% Federal & State Funded
	45% Student & Parking Fees
Number of Handicapped Equipped Buses	15
Operating Cost Per Passenger Per Trip	16.8¢
Cost to Rider Per Semester	None

Parking System

Annual Vehicle Registration	14,000
Number of Lots	30
Number of Spaces	9,700
Number of Meters	600
Capacity of Parking Garage	1,000

SOURCE: Individual Facility Offices.

Cont.

FACILITIES: SELECTED STATISTICS FY 83

Item or Category	Number or Amount
Acreage	
Main Campus	
Amherst	835
Hadley	438
TOTAL	<u>1,273 Acres</u>
Field Stations	
Pelham	1,197
Belchertown	222
Sunderland	735
Leverett	29
East Wareham	21
Waltham	59
Shutesbury	3
South Deerfield	364
Gloucester	7
TOTAL	<u>2,637 Acres</u>

Buildings: Gross Sq. Ft. of Space Under Amherst Campus Control (1/1/83)

Amherst and Hadley	8,939,411
Belchertown	28,860
East Wareham	21,347
Gloucester	3,200
New Salem	510
Shutesbury	64
Pelham	636
South Deerfield	84,006
Sunderland	1,085
Waltham	68,942
TOTAL	<u>9,148,061</u>

Physical Plant

Number of Structures on Campus	356
Amount of Floor Space	8,917,746 Sq Ft
Roadways	18 Miles
Sidewalks	23 Miles
Lawns	450 Acres
Parking Lots	90 Acres
Steam Lines	25 Miles

Utilities	FY 82 Actual	FY 83 Projected
Costs	\$12,120,927	\$12,302,000
Coal Consumption	49,340 Tons	59,432 Tons
Oil Consumption	527,526 Gallons	1,358,900 Gallons
Water Consumption	538,606,000 Gallons	561,000,000 Gallons

Source: Physical Plant

Peer Universities

COMPARATIVE GROUPS OF PEER PUBLIC UNIVERSITIES

Midwestern and Western Public Universities

California/Berkeley	Michigan State
California/Los Angeles	Minnesota
California/San Diego	Ohio State
Illinois	Purdue
Indiana	Texas
Iowa	Washington, Seattle
Michigan	Wisconsin

Peer Public Universities

Arizona	Nebraska
California/Davis	North Carolina
Colorado	North Carolina State
Colorado State	Oregon
Connecticut	Oregon State
Florida	Pennsylvania
Florida State	Pittsburgh
Georgia	Rutgers
Iowa State	SUNY/Stony Brook
Kansas	Tennessee
Kansas State	Utah
Louisiana State	Virginia
Maryland	
Massachusetts	
Missouri	

Northeastern Public Universities

Connecticut	Rhode Island
Delaware	Rutgers
Maine	SUNY/Albany
Maryland	SUNY/Binghamton
Massachusetts	SUNY/Buffalo
New Hampshire	SUNY/ Stony Brook
Pennsylvania State	Vermont
Pittsburgh	

Amherst Campus Map

- indicates University bus stops.
- * indicates Five-College bus stops.

