

# **Carnegie Mellon Facts 1992**

**Volume 6**

**Patrick J. Roach, Editor  
University Planning and Budget  
Carnegie Mellon University  
February, 1992**



## **Foreword**

Carnegie Mellon Facts is a compilation of some of the most commonly requested data and statistical information about Carnegie Mellon. It covers a wide variety of topics including admissions, enrollment, teaching, faculty and staff, alumni, University finances and facilities. The source of the data shown in the tables and graphs is internal except where noted. The terms used are defined in the Appendix.

Carnegie Mellon Facts is intended primarily as an internal document, produced annually for use by members of the campus community. We encourage you to keep this book handy and to use it as a reference. This publication is also available in electronic form on the Planning server.

We have received many valuable comments about last year's edition, and have made changes and additions wherever possible. We are again soliciting suggestions and comments on the contents, format, and more generally, on ways to improve its usefulness to the campus community. Please tear out the last page of this booklet and respond to the brief questionnaire with your comments. Thank you.

**Jeffrey W. Bolton  
Assistant Vice President for  
Planning & Budget**



## **Acknowledgements**

University Planning and Budget wishes to express its gratitude to the individuals from the following departments for providing information for the 1992 Fact Book.

Academic Services  
Accounting  
Alumni Relations  
Dean's Office - Carnegie Institute of Technology  
Dean's Office - College of Fine Arts  
Dean's Office - College of Humanities and Social Science  
Dean's Office - Mellon College of Science  
Graduate School of Industrial Administration  
Housing System  
Human Resources  
Office of the Controller  
Office of the Provost  
Records  
Registrar's Office  
School of Computer Science  
School of Urban and Public Affairs  
University Libraries  
University Relations  
University Teaching Center



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## **BACKGROUND**



## Carnegie Mellon Mission Statement

**To create** and disseminate knowledge through research, teaching and *transfer* to society.

**To strive** for *leadership* and *innovation* through excellence and quality in our chosen fields of endeavor and nurture our tradition of transcending disciplinary boundaries.

**To provide** our diverse community an environment open to free exchange of ideas, where artistic creativity, scholarship, discovery and *learning* can flourish.

### *transfer to society*

We affirm our responsibility to serve society through transfer of technology, continuing education programs, public service and enrichment of the community through the arts.

### *leadership*

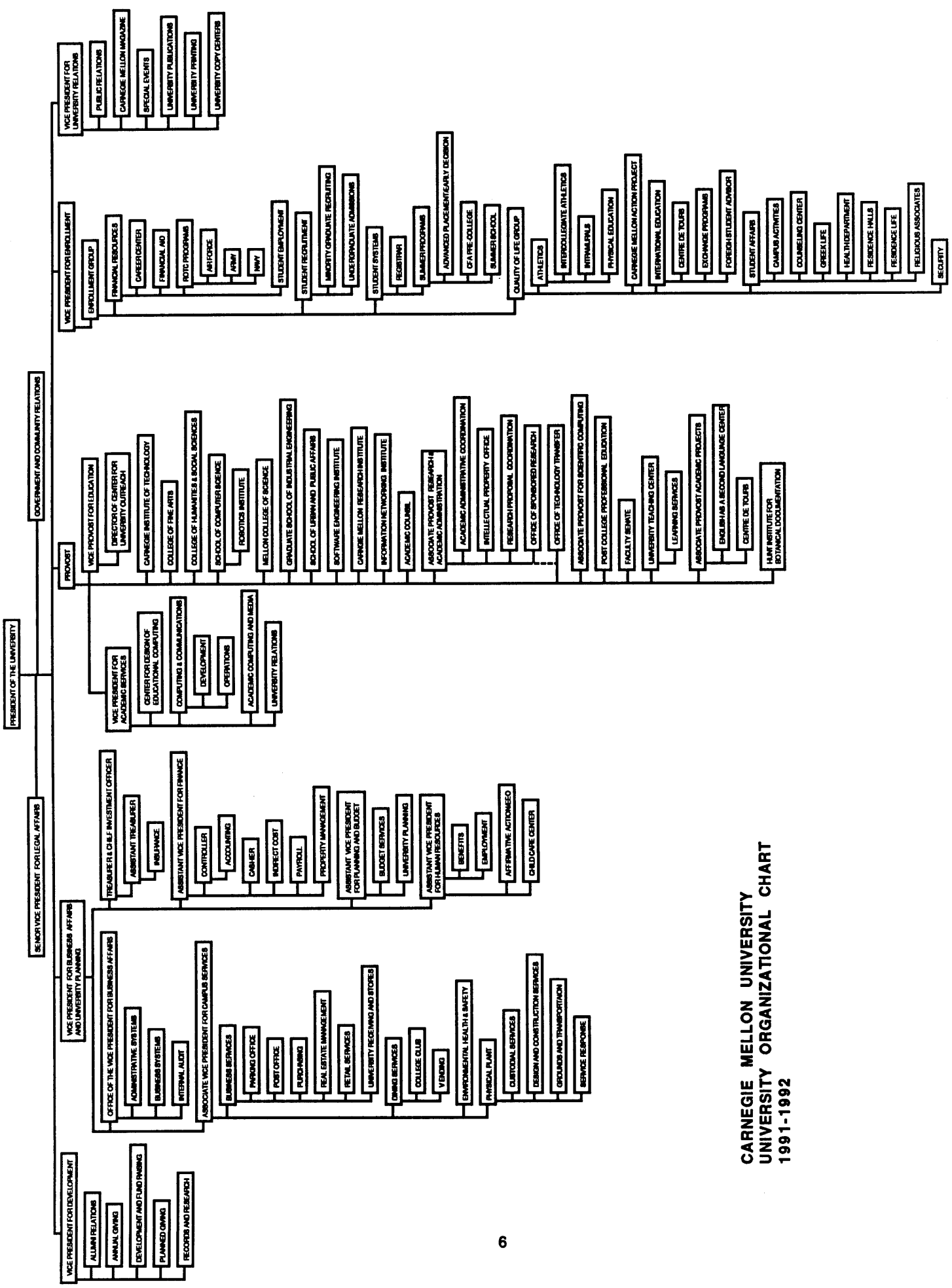
We believe in leadership through excellence and will establish new directions by talent and example, influencing the behavior of other institutions.

### *innovation*

We will identify opportunities arising from new human needs and new professional technologies, and promptly assemble the talent and resources to exploit these opportunities. Our innovative capability is one of the foundations upon which our leadership capacity is built.

### *learning*

We will build on our heritage of the Carnegie Plan and become the leading institution in undergraduate education with our focus on learning and problem-solving.



CARNEGIE MELLON UNIVERSITY  
UNIVERSITY ORGANIZATIONAL CHART  
1991-1992

**CARNEGIE MELLON UNIVERSITY**

**Degree Programs  
By College and Department  
Academic Year 1991-92**

**CARNEGIE INSTITUTE OF TECHNOLOGY**

<b>Biomedical Engineering</b>			
Engineering (Biomedical E. Option)	B.S.	<b>Electrical and Computer Engineering</b>	
Biomedical E. with CIT Department	M.S.	Computer E.	B.S.
Biomedical E.	M.S.	Electrical E.	B.S.
Biomedical E. with CIT Department	Ph.D.	Electrical and Computer E.	M.S.
Biomedical E.	Ph.D.	Electrical and Computer E.	Ph.D.
<b>Chemical Engineering</b>		<b>Mechanical Engineering</b>	
Chemical E.	B.S.	Mechanical E.	B.S.
Chemical E.	M.S.	Mechanical E.	M.E.
Chemical E.	Ph.D.	Mechanical E.	M.S.
Colloids, Polymers, & Surfaces (Interdisciplinary w/ MCS)	M.S.	Mechanical E.	Ph.D.
<b>Civil Engineering</b>		<b>Metallurgical Engineering &amp; Materials Science</b>	
Civil E.	B.S.	MEMS	B.S.
Civil E.	M.S.	MEMS	M.E.
Civil E.	Ph.D.	MEMS	M.S.
		MEMS	Ph.D.
<b>Engineering and Public Policy</b>		<b>Manufacturing Engineering</b>	
Engineering Major & EPP	B.S.	Manufacturing Engineering	M.M.E.
EPP	M.S.		
Engineering Major & EPP	M.S.		
EPP	Ph.D.		

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**

<b>Economics</b>		<b>Modern Languages Program</b>	
Economics	B.A.	Modern Languages (Double Major)	B.A.
Economics	B.S.		
Managerial Economics	B.S.	<b>Philosophy</b>	
<b>English</b>		Philosophy	B.A.
Literary & Cultural Studies	B.A.	Logic & Computation	B.S.
Creative Writing	B.A.	Computational Linguistics	B.S.
Professional Writing	B.A.	Logic & Computation	M.S.
Technical Writing	B.S.	Computational Linguistics	M.S.
English	M.A.	Computational Linguistics	Ph.D.
Professional Writing	M.A.	Pure & Applied Logic (w/ Computer Science & Mathematics)	Ph.D.
Literary & Cultural Theory	Ph.D.	<b>Psychology</b>	
Rhetoric	Ph.D.	Psychology	B.A.
<b>History</b>		Psychology	B.S.
History	B.A.	Cognitive Science	B.S.
History	B.S.	Psychology	Ph.D.
Applied History	B.A.	<b>Social and Decision Sciences</b>	
Applied History	B.S.	Social & Decision Sciences	B.S.
Interdisciplinary History	B.A.	Information & Decision Systems	B.S.
Interdisciplinary History	B.S.	Policy & Management	B.S.
European Studies (Double Major)	B.A.	Political Science	B.S.
History	M.A.	Social & Decision Sciences	Ph.D.
Applied History	M.S.	<b>Statistics</b>	
History	Ph.D.	Statistics	B.S.
Applied History	Ph.D.	Statistics	M.S.
<b>Student Defined</b>	B.A.	Statistics	Ph.D.
<b>Student Defined</b>	B.S.		

# CARNEGIE MELLON UNIVERSITY

## Degree Programs By College and Department Academic Year 1991-92

### COLLEGE OF FINE ARTS

	Master of Arts Management (w/SUPA)	M.A.M.	<b>Drama</b>	Drama	B.F.A.
				Costume Design	M.F.A.
<b>Architecture</b>	Architecture	B.Arch.		Directing	M.F.A.
	Architecture	M.S.		Lighting Design	M.F.A.
	Architecture	Ph.D.		Playwriting	M.F.A.
				Production	M.F.A.
				Scene Design	M.F.A.
<b>Art</b>	Art	B.F.A.	<b>Music</b>	Music Composition	B.F.A.
	Art	M.F.A.		Music Performance	B.F.A.
				Performance	M.M.
<b>Design</b>	Graphic Design	B.F.A.		Composition	M.M.
	Industrial Design	B.F.A.		Conducting	M.M.

### MELLON COLLEGE OF SCIENCE

<b>Biological Sciences</b>	Biological Sciences	B.S.	<b>Mathematics</b>	Mathematics	B.S.
	Biological Sciences & Humanities or Social Science	B.A.		Mathematics/Computer Science (w/Computer Science)	B.S.
	Biological Sciences	Ph.D.		Applied Mathematics (Operations Research)	B.S.
	Biological Sciences/Biochemistry (w/Chemistry & Physics)	Ph.D.		Applied Mathematics (Statistics)	B.S.
	Biological Sciences/Biophysics (w/Chemistry & Physics)	Ph.D.		Mathematics	M.S.
	Biological Sciences/Biochemistry & Biophysics (w/ Chemistry & Physics)	Ph.D.		Applied Mathematics	M.S.
				Mathematics	D.A.
				Mathematics	Ph.D.
<b>Chemistry</b>	Chemistry	B.A.		Algorithms, Combinatorics & Mathematical Finance (w/GSIA)	Ph.D.
	Chemistry	B.S.		Optimization (w/Computer Science &GSIA)	Ph.D.
	Chemistry/Computer Science Track	B.S.		Pure & Applied Logic (w/ Computer Science & Philosophy)	Ph.D.
	Chemistry	M.S.	<b>Physics</b>	Physics	B.A.
	Chemical Instrumentation	M.S.		Physics	B.S.
	Polymer Science	M.S.		Physics/Computer Science Track	B.S.
	Colloids, Polymers, & Surfaces (w/ Chemical E.)	M.S.		Physics	M.S.
	Chemistry	Ph.D.		Physics	Ph.D.
	Chemistry/Biochemistry (w/Biology & Physics)	Ph.D.		Applied Physics	Ph.D.
	Chemistry/Biophysics (w/Biology & Physics)	Ph.D.		Physics/Biochemistry (w/Biology & Chemistry)	Ph.D.
	Chemistry/Biochemistry & Biophysics (w/Biology & Physics)	Ph.D.		Physics/Biophysics (w/Biology & Chemistry)	Ph.D.
				Physics/Biochemistry & Biophysics (w/Biology & Chemistry)	Ph.D.

### INDUSTRIAL MANAGEMENT

Industrial Management	B.S.
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**CARNEGIE MELLON UNIVERSITY**

**Degree Programs  
By College and Department  
Academic Year 1991-92**

**GRADUATE SCHOOL OF INDUSTRIAL  
ADMINISTRATION**

Industrial Administration	M.S.I.A.
Industrial Administration, minor in Public Management & Policy (w/ SUPA)	M.S.I.A.
Industrial Administration	Ph.D.
Accounting	Ph.D.
Algorithms, Combinatorics & Optimization (w/ Computer Science & Mathematics)	Ph.D.
Economics	Ph.D.
Financial Economics	Ph.D.
Information Systems	Ph.D.
Management of Manufacturing & Automation (w/ Robotics Institute)	Ph.D.
Manufacturing and Operations Systems	Ph.D.
Marketing	Ph.D.
Operations Research	Ph.D.
Organizational Psychology & Theory	Ph.D.
Politics and Political Economy	Ph.D.

**SCHOOL OF URBAN AND PUBLIC AFFAIRS**

Public Management & Policy	M.S.
Public Management & Policy, minor in Business Administration (w/ GSIA)	M.S.
Public Management & Policy & Juris Doctor (w/ U. of Pittsburgh)	M.S.
Urban Development & Management (w/ Architecture)	M.S.
Master of Arts Management (w/ CFA)	M.A.M.
Master of Philosophy	M.Phil.
Master of Public Management	M.P.M.
Public Policy Analysis	Ph.D.
Architecture & Public Policy Analysis (w/ Architecture)	Ph.D.
Political Economy (w/ GSIA and S.&D.S)	Ph.D.
Social Science & Public Policy Analysis (w/ S & D S.)	Ph.D.

**SCHOOL OF COMPUTER SCIENCE**

Mathematics/Computer Science (w/Mathematics)	B.S.
Software Engineering	M.S.
Algorithms, Combinatorics & Optimization (w/GSIA & Mathematics)	Ph.D.
Computer Science	Ph.D.
Robotics	Ph.D.
Pure & Applied Logic (w/ Philosophy & Mathematics)	Ph.D.

**CARNEGIE MELLON UNIVERSITY**

**Information Networking Institute**

Information Networking (jointly w/GSIA, CIT and SCS)	M.S.
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## **CARNEGIE MELLON UNIVERSITY**

### **Research Centers and Groups Fall 1991**

Carnegie Bosch Institute for Applied Studies in International Management (CBIASIM)  
Center for Advanced Deformation Processing Research (CADPR)  
Center for Building Performance and Diagnostics (CBPD)  
Center for Dependable Systems (CDS)  
Center for the Design of Educational Computing (CDEC)  
Center for Economic Development (SUPA CED)  
Center for Educational Computing in English (CECE)  
Center for Energy and Environmental Studies (CEES)  
Center for Engineered Materials (CEM)  
Center for Entrepreneurial Development (CED)  
Center for Excellence in Optical Data Processing (CEODP)  
Center for History and Policy  
Center for Iron and Steelmaking Research (CISR)  
Center for Labor Studies (CLS)  
Center for Machine Translation (CMT)  
Center for the Management of Technology (CMT)  
Center for Nonlinear Analysis (CNA)  
Center for Product Research (CPR)  
Center for Public Financial Management (CPFM)  
Center for Risk Perception and Communication (CRPC)  
Center for Solid Waste Management (CSWM)  
Center for the Study of Public Policy (CSPP)  
Center for the Study of Writing (CSW)  
Coalition to Improve Management in State and Local Government (CIMSLG)  
Communications Design Center (CDC)  
Data Storage System Center (NSF/ERC DSSC)  
Decision Systems Research Institute (DSRI)  
Engineering Design Research Center (EDRC)



## **CARNEGIE MELLON UNIVERSITY**

### **Research Centers and Groups**

**Fall 1991**

Environmental Institute

Gov./Uni./Ind. Consortium Center for Bladed Disk Structures Research & Technology (GUIDe)

Hunt Institute for Botanical Documentation (HIBD)

Information Networking Institute (INI)

Information Technology Center (ITC)

Laboratory for Automated Systems & Information Processing (LASIP)

Laboratory for Computational Linguistics (LCL)

Carnegie Mellon Research Institute (CMRI)

Advanced Devices and Materials Group (AD&MG)

ASTM Test Monitoring Center (ASTMC)

Biotechnology Center (BC)

Center for Environmental Microbiology (CEM)

Center for Information Technology and Decision Making (CITDM)

Center for Metals Production (CMP)

Center for Surfaces and Coatings (CS&C)

Computer Engineering Center (CEC)

Donald H. Jones Center for Entrepreneurship (DHJCE)

High Speed Ground Transportation Center (HSGTC)

High Technology Center (HTC)

Materials Characterization Center (MCC)

Rail Systems Center (RSC)

Research Center on the Materials of the Artist and Conservator (CMA&C)

Pennsylvania SEMATECH Center of Excellence for Rapid Yield Learning (PA SCOE)

Pittsburgh Center for Social History (PCSH) (w/ U. of Pittsburgh)

Pittsburgh NMR Center for Biomedical Research (NMRCBR) (w/ U. of Pittsburgh)

Pittsburgh Supercomputing Center (PSC) (w/ U. of Pittsburgh and Westinghouse)

Program on International Peace and Security (IPS)

Robotics Institute (RI)

Science & Technology Center for Light Microscope Imaging and Biotechnology (STC)

Software Engineering Institute (SEI)

SRC/CMU Research Center for Computer-Aided Design (SRC/CMU-RC-CAD)

Statistical Center for Quality Improvement (SCQI)

Studio for Creative Inquiry (SFCI)

University Teaching Center (UTC)

Urban Systems Institute (USI)

**CARNEGIE MELLON UNIVERSITY**  
**Endowed and Named Professors**  
**By College**  
**Fall 1991**

**COLLEGE OF FINE ARTS**

Andrew Mellon Professor  
Bessie F. Anathan Professor in Fine Arts  
Dorothy L. Stubnitz Professor  
Nierenberg Professor of Design  
Philip Chosky Professor of Drama  
T. David Fitzgibbon Chair in Architecture

**CARNEGIE INSTITUTE OF TECHNOLOGY**

Alumni Chair in Environmental Science and Engineering  
Buhl Professor in Electrical Engineering  
George Tallman Ladd Research Professor  
George Westinghouse Professor of Engineering  
Gulf Oil Foundation Chair in Science and/or Engineering Disciplines  
John E. Swearingen Chair of Chemical Engineering  
Mobay Professor in Chemical Engineering  
Posco Professor  
R.F. Mehl Professor of Metallurgical Engineering & Materials Science  
Rudolph R. & Florence Dean Professor of Chemical Engineering  
Theodore Ahrens Professor of Engineering  
U.A. & Helen Whitaker Professor of Electronics and Electrical Engineering  
U.S. Steel Professor of Metallurgical Engineering & Materials Science  
Walter J. Blenko, Sr. Professor of Environmental Engineering  
William J. Brown Professor Mechanical Engineering

**GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION**

David M. & Barbara A. Kirr Professor of Organization  
David T. & Lindsay J. Morgenthaler Professor of Entrepreneurship  
Ford Foundation Distinguished Professor  
Heinz Chair in Graduate School of Industrial Administration  
IBM Chair in Information Systems at GSIA  
James H. Higgins Chair  
Richard M. Cyert Professor

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**

Alumni Professor of Philosophy  
D. O. Hebb Professor of Psychology  
Howard Heinz Professor of the Humanities  
Lee and Marge Gregg Professor of Psychology  
Leonard J. Savage Professor of Statistics and Social Sciences  
Luce Professor of Technology and Social Change  
Maurice Falk Professor of Statistics & Social Sciences  
Richard S. Caliguiri Professor of Urban Studies  
Thomas Stockham Baker Professor of English Literature  
Walter VanDyke Bingham Professor of Psychology and Computer Science

**MELLON COLLEGE OF SCIENCE**

Alumni Professor of Biological Sciences  
Buhl Professor of Theoretical Physics  
Eberly Family Chair of Biological Sciences  
Lord Professor of Chemistry  
Otto Stern Professor of Physics

**SCHOOL OF URBAN AND PUBLIC AFFAIRS**

Henry J. Heinz, II Professor of Urban Studies  
J. Erik Jonsson Professor of Urban Systems and Operations Research

**Appointee**

Saalman, Howard  
Anderson, Barbara J.B.  
Olds, Herbert  
Not Filled  
Yzraely, Yossi  
Rusli, Agus

Rubin, Edward  
Milnes, Arthur(emeritus)  
Hughes, William F.  
Casasent, David  
John Anderson  
Westerberg, Arthur W.  
Toor, Herbert  
Fruehan, Richard J.  
Aaronson, Hubert I.  
Grossmann, Ignacio E.  
Osterle, J. Fletcher  
Director, Stephen W.  
Paxton, Harold W.  
McMichael, Francis C.  
Chigier, Norman A.

Salancik, Gerald R.  
Thorne, John R.  
Meyers, Gerald C.  
McCallum, Bennet T.  
Thompson, Gerald L.  
Lave, Lester B.  
Sunder, Shyam

Glymour, Clark  
Just, Marcel A.  
Stearns, Peter N.  
Carpenter, Patricia A.  
Kadane, Joseph B.  
David W. Hounshell  
Not Filled  
Tarr, Joel A.  
Steinberg, Erwin R.  
Anderson, John R.

Ho, Chien  
Cutkosky, Richard E.  
Not Filled  
Not Filled  
Griffiths, Robert B.

Not Filled  
Blumstein, Alfred

**CARNEGIE MELLON UNIVERSITY**

**Endowed and Named Professors  
By College  
Fall 1991**

**CARNEGIE MELLON UNIVERSITY**

Alumni University Professor of Industrial Administration and  
and Applied Mathematics (GSIA)  
Hillman University Professor of Computer Science, Philosophy  
and Mathematical Logic  
Howard M. Wilcoff University Professor of Electrical and  
Computer Engineering  
J.M. Olin Professor of Political Economy and Public Policy (GSIA)  
R.K. Mellon Professor of Computer Science  
R.M. Trueblood University Professor of Accounting and Economics (GSIA)  
Sun Company University Professor  
U.A. & Helen Whitaker University Professor of Computer Science  
University Professor of Physics  
University Professor  
University Professor of Applied Science  
University Professor of Composition  
University Professor of Computer Science  
University Professor of Electrical and Computer Engineering  
University Professor of Physics and Mathematics  
William W. Cooper University Professor

Balas, Egon  
Scott, Dana S.  
Rohrer, Ronald A.  
Meltzer, Alan  
Simon, Herbert A.  
Ijiri, Yuji  
Fenves, Stephen J.  
Newell, Allen  
Wolfenstein, Lincoln  
Zener, Clarence  
Mullins, William W.  
Balada, Leonardo  
Reddy, D. Raj  
Jordan, Angel  
Robert F. Sekerka  
Davis, Otto

**CARNEGIE MELLON UNIVERSITY**

**College and Department Accreditations  
By College  
Fall Semester 1991**

**College/Department**

**Accreditation Agency**

**CARNEGIE MELLON UNIVERSITY**

Middle States Association of Colleges and Schools  
MSA

**CARNEGIE INSTITUTE OF TECHNOLOGY**

Accreditation Board for Engineering Technology  
ABET

Chemical Engineering  
Civil Engineering  
Computer Engineering  
Electrical Engineering  
Engineering and Public Policy  
Mechanical Engineering  
Metallurgical Engineering and Materials Science

**COLLEGE OF FINE ARTS**

Architecture

National Architectural Accrediting Board  
NAAB

Art  
Design

National Association of Schools of Art and Design  
NASAD

Music

National Association of Schools of Music  
NASM

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**

Psychology

American Psychological Association  
APA  
American Psychological Society  
APS

**GRADUATE SCHOOL OF INDUSTRIAL  
ADMINISTRATION**

American Assembly of Collegiate Schools of Business  
AACSB

**MELLON COLLEGE OF SCIENCE**

Chemistry

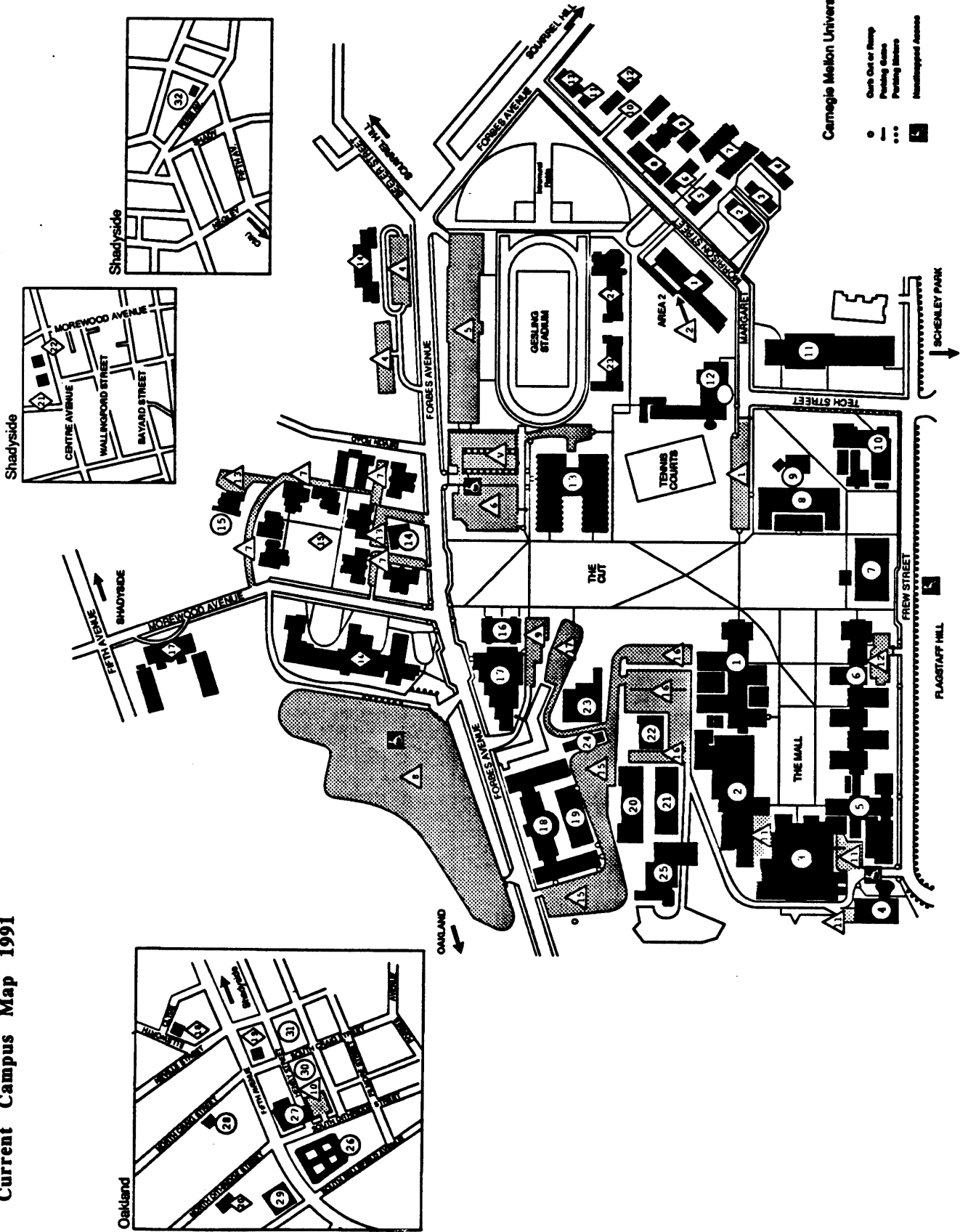
American Chemical Society  
ACS

**SCHOOL OF URBAN AND PUBLIC AFFAIRS**

National Association of Schools of Public Affairs and  
Administration  
NASPAA

# CARNEGIE MELLON UNIVERSITY

## Current Campus Map 1991



Carnegie Mellon University 1991

- Cute Out or Ramp
- ▭ Parking Garage
- Parking Lot
- ♿ Handicapped Access

**CARNEGIE MELLON UNIVERSITY**

**Current Campus Map  
Building and Parking Listing 1991**

**ACADEMIC/ADMINISTRATION  
BUILDINGS**

- 1 Doherty Hall
- 2 Wean Hall
- 3 Hamerschlag Hall
- 4 Scaife Hall
- 5 Porter Hall
- 6 Baker Hall
- 7 Hunt Library
- 8 College of Fine Arts
- 9 Studio Theatre
- 10 Graduate School of Industrial Administration
- 11 Gymnasium
- 12 Margaret Morrison Carnegie Hall
- 13 Skibo
- 14 5017 Forbes Avenue
- 15 Bramer House
- 16 Warner Hall
- 17 University Computing Center
- 18 Hamburg Hall
- 19 Elliot Duntap Smith Hall
- 20 Field and Mobile Robotics Building
- 21 Mine Safety Laboratory Building
- 22 Planetary Robotics Building
- 23 Publications & Printing Building
- 24 West Garages
- 25 Physical Plant Building
- 26 Mellon Institute
- 27 Software Engineering Institute
- 28 College Club
- 29 Bellefield Towers
- 30 University Technology Development Center
- 31 4616 Henry Street
- 32 Eicheley Building

**RESIDENCE BUILDINGS**

- 1 Donner Hall
- 2 Scobell Hall
- 3 Welch Hall
- 4 Henderson Hall
- 5 Boss Hall
- 6 McGill Hall
- 7 Hamerschlag House
- 8 Margaret Morrison Sorority Houses
- 9 Margaret Morrison Plaza (street level)
- 10 Margaret Morrison Apartments
- 11 Roselawn Terrace
- 12 Spirit House
- 13 Tech House
- 14 Woodlawn Apartments
- 15 Doherty Apartments
- 16 Fraternity Quadrangle
- 17 Morewood Gardens
- 18 Mudge House
- 19 Marybelle Apartments
- 20 Fairfax Apartments
- 21 Shirley Apartments
- 22 Tudor Hall Apartments
- 23 Carol Apartments
- 24 West Wing
- 25 Resnik House

**PARKING AREAS**

- 1 Fine Arts
- 2 Sorority Parking
- 4 Doherty
- 5 East Campus Garage
- 6 Skibo B
- 7 Fraternities
- 8 Morewood
- 9 Warner
- 10 Dithridge Street Garage
- 11 Porter-Hamerschlag-Wean
- 12 Baker
- 13 Bramer House & 5017 Forbes Ave.
- 15 Hamburg Hall
- 16 Lower Bureau of Mines
- 17 Upper Bureau of Mines

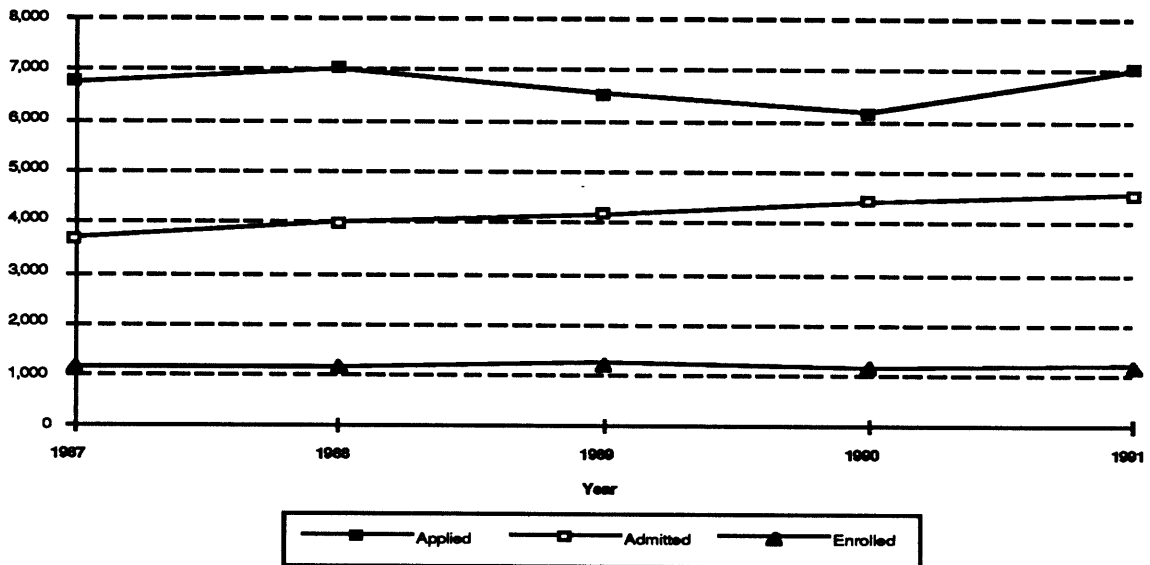
# STUDENTS





# CARNEGIE MELLON UNIVERSITY

## Freshman Applicant Activity Fall Semesters 1987 to 1991

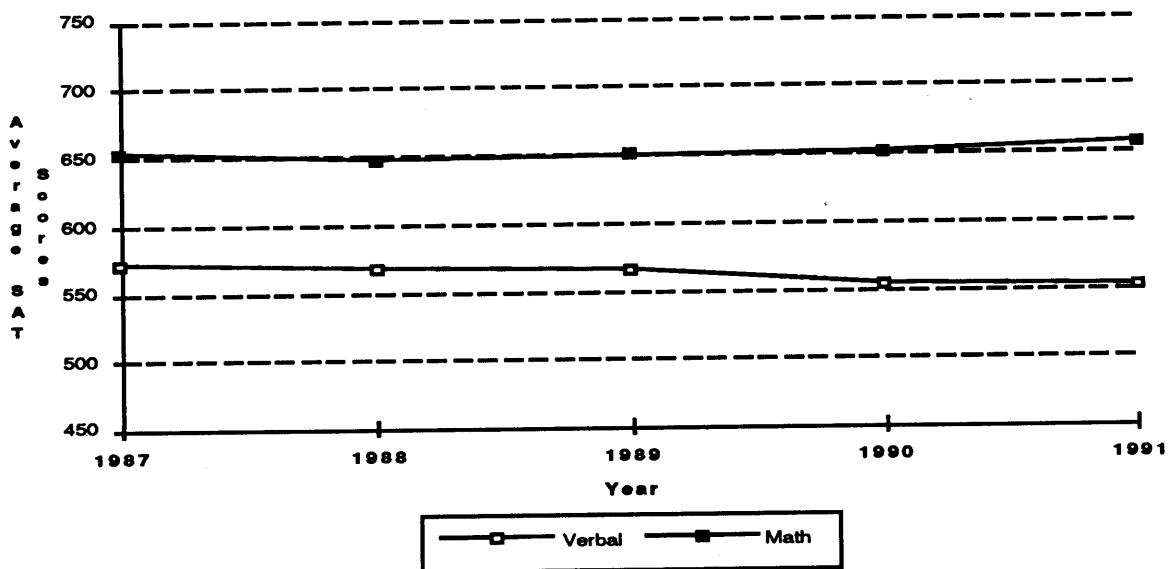


## Freshman Applicant Activity By College Entering Fall Semesters 1987 to 1991

College	Applicant Activity	1987	1988	1989	1990	1991
CFA	Applied	1,462	1,680	1,494	1,489	1,597
	Admitted	661	667	632	664	654
	Admitted %	45%	40%	42%	45%	41%
	Enrolled	273	276	263	239	243
	Yield %	41%	41%	42%	36%	37%
CIT	Applied	2,501	2,304	2,209	1,982	2,188
	Admitted	1,080	1,213	1,349	1,437	1,484
	Admitted %	43%	53%	61%	73%	68%
	Enrolled	322	320	379	365	376
	Yield %	30%	26%	28%	25%	25%
H&SS	Applied	1,242	1,367	1,262	1,113	1,239
	Admitted	878	981	1,003	1,009	1,002
	Admitted %	71%	72%	79%	91%	81%
	Enrolled	251	238	249	224	216
	Yield %	29%	24%	25%	22%	22%
IM	Applied	319	409	374	349	349
	Admitted	171	199	229	242	225
	Admitted %	54%	49%	61%	69%	64%
	Enrolled	55	53	69	58	52
	Yield %	32%	27%	30%	24%	23%
MCS	Applied	1,233	1,264	1,176	1,214	1,622
	Admitted	859	930	947	1,052	1,196
	Admitted %	70%	74%	81%	87%	74%
	Enrolled	235	247	238	246	290
	Yield %	27%	27%	25%	23%	24%
CMU	Applied	6,757	7,024	6,515	6,147	6,995
	Admitted	3,649	3,990	4,160	4,404	4,561
	Admitted %	54%	57%	64%	72%	65%
	Enrolled	1,136	1,134	1,198	1,132	1,177
	Yield %	31%	28%	29%	26%	26%

**CARNEGIE MELLON UNIVERSITY**

**Freshmen Average SAT Scores  
CMU and National  
Fall Semesters 1987 to 1991**



**Freshman Average SAT Scores  
By College  
Fall Semesters 1987 to 1991**

College		Average SAT Scores				
		1987	1988	1989	1990	1991
CFA	Verbal	538	530	537	536	550
	Math	572	572	589	598	609
	Total	1,110	1,102	1,126	1,134	1,159
CIT	Verbal	582	586	578	561	547
	Math	712	708	698	696	689
	Total	1,294	1,294	1,276	1,257	1,236
H&SS	Verbal	577	562	564	550	544
	Math	624	614	612	606	609
	Total	1,201	1,176	1,176	1,156	1,153
IM	Verbal	554	571	553	534	545
	Math	641	645	651	628	647
	Total	1,195	1,216	1,204	1,162	1,192
MCS	Verbal	586	584	582	568	564
	Math	691	682	677	684	688
	Total	1,277	1,266	1,259	1,252	1,252
CMU	Verbal	570	567	565	554	551
	Math	652	647	649	651	656
	Total	1,222	1,214	1,214	1,205	1,207
National	Verbal	430	428	427	424	422
	Math	476	476	476	476	474
	Total	906	904	903	900	896

**CARNEGIE MELLON UNIVERSITY**

**Top Ten Competing Schools  
Entering Freshmen 1987 to 1991**

**Based on Application Overlap**

School	<u>Rank Each Year</u>				
	1991	1990	1989	1988	1987
Cornell	1	1	1	1	1
MIT	2	2	2	2	2
U of Penn	3	3	3	3	4
RPI	4	6	5	6	3
Princeton	5	4	4	5	5
Penn State	6	5	6	4	6
Northwestern	7	8	8	13	16
U. of Michigan	8	9	12	13	15
Boston U	9	7	7	9	11
Washington U	10	10	9	8	20
Johns Hopkins	11	18	15	22	18
Brown	12	15	13	15	14
U. of Rochester	13	26	17	20	25
Case Western	14	25	28	34	26
U. of Virginia	15	21	25	17	12
Duke	16	14	10	19	13

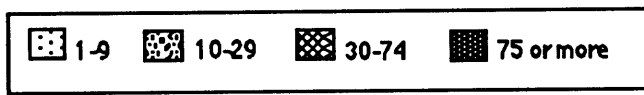
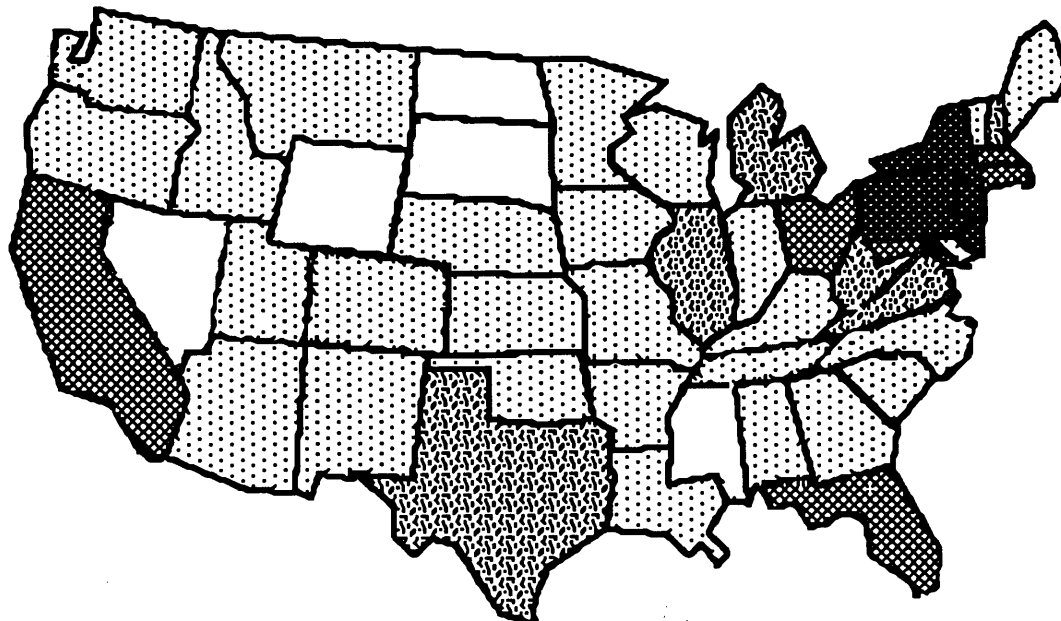
**Based on Admittance Overlap**

School	<u>Rank Each Year</u>				
	1991	1990	1989	1988	1987
RPI	1	3	2	3	1
Cornell	2	1	1	1	3
Penn State	3	2	3	2	2
Boston U.	4	4	4	4	4
U. of Michigan	5	10	14	14	12
U. of Rochester	6	16	9	10	13
Washington U.	7	6	8	6	11
Case Western	8	14	16	23	16
U. of Penn	9	5	5	8	6
Northwestern U.	10	12	14	13	15
MIT	11	9	6	9	7
VPI	12	7	11	15	19
Rutgers	13	15	10	11	9
Syracuse	14	13	12	7	8
John Hopkins	15	11	13	17	10
Lehigh	16	8	7	5	5

Overlap refers to the number of applicants or admittees who applied or were admitted to Carnegie Mellon and one of the other schools listed.

**CARNEGIE MELLON UNIVERSITY**

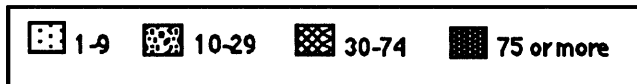
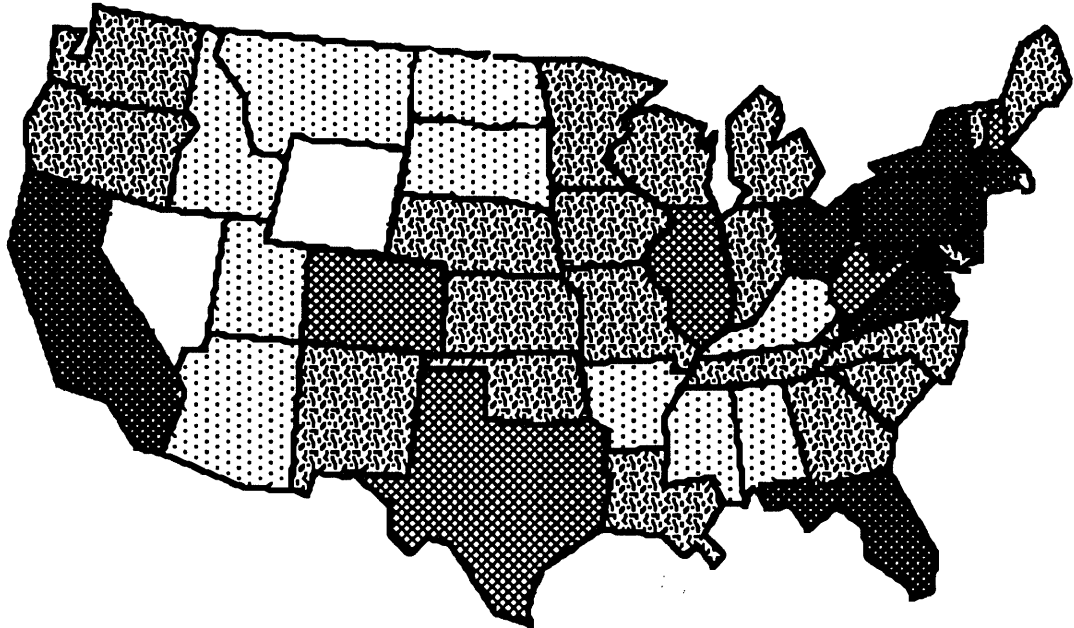
**Enrolled First-Time Freshmen  
By Region and State  
Fall Semester 1991**



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
<b>New England</b>	<b>South</b>	<b>Midwest</b>	<b>West</b>
Connecticut 32	Alabama 1	Illinois 17	Alaska 2
Maine 7	Florida 32	Indiana 4	Arizona 2
Massachusetts 35	Georgia 4	Iowa 3	California 30
New Hampshire 13	Kentucky 4	Kansas 6	Colorado 9
Rhode Island 9	Louisiana 5	Michigan 11	Hawaii 7
Vermont 4	Mississippi 0	Minnesota 4	Idaho 3
<b>TOTAL 100</b>	North Carolina 3	Missouri 2	Montana 3
<b>Percent of Total 8%</b>	South Carolina 7	Nebraska 3	Nevada 0
<b>Middle States</b>	Tennessee 4	North Dakota 0	Oregon 8
Delaware 6	Virginia 29	Ohio 59	Utah 2
District of Columbia 11	<b>TOTAL 89</b>	South Dakota 0	Washington 5
Maryland 59	<b>Percent of Total 8%</b>	West Virginia 18	Wyoming 0
New Jersey 92	<b>Southwest</b>	Wisconsin 2	<b>TOTAL 71</b>
New York 142	Arkansas 1	<b>TOTAL 129</b>	<b>Percent of Total 6%</b>
Pennsylvania 357	New Mexico 5	<b>Percent of Total 11%</b>	<b>U.S. Total 1,086</b>
<b>TOTAL 667</b>	Oklahoma 2	U.S Territories 3	<b>Percent of Total 92%</b>
<b>Percent of Total 57%</b>	Texas 19	Unknown 0	Foreign Countries 91
	<b>TOTAL 27</b>		<b>TOTAL 1,177</b>
	<b>Percent of Total 2%</b>		

**CARNEGIE MELLON UNIVERSITY**

**Undergraduate Full-Time Headcount Enrollment  
By Region and State  
Fall Semester 1991**



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
<b>New England</b>	<b>South</b>	<b>Midwest</b>	<b>West</b>
Connecticut 105	Alabama 8	Illinois 64	Alaska 8
Maine 22	Florida 100	Indiana 14	Arizona 6
Massachusetts 154	Georgia 23	Iowa 12	California 105
New Hampshire 31	Kentucky 12	Kansas 12	Colorado 36
Rhode Island 22	Louisiana 12	Michigan 43	Hawaii 19
Vermont 16	Mississippi 1	Minnesota 17	Idaho 7
<b>TOTAL 350</b>	North Carolina 27	Missouri 21	Montana 5
<b>Percent of Total 8%</b>	South Carolina 23	Nebraska 11	Nevada 0
	Tennessee 23	North Dakota 1	Oregon 22
<b>Middle States</b>	Virginia 109	Ohio 217	Utah 2
Delaware 12	<b>TOTAL 338</b>	South Dakota 1	Washington 29
District of Columbia 22	<b>Percent of Total 8%</b>	West Virginia 64	Wyoming 0
Maryland 223	<b>Southwest</b>	Wisconsin 21	<b>TOTAL 239</b>
New Jersey 320	Arkansas 5	<b>TOTAL 498</b>	<b>Percent of Total 6%</b>
New York 453	New Mexico 10	<b>Percent of Total 12%</b>	
Pennsylvania 1,514	Oklahoma 10	U.S Territories 6	<b>U.S. Total 4,096</b>
<b>TOTAL 2,544</b>	Texas 45	U.S Cit. Abroad 51	<b>Percent of Total 96%</b>
<b>Percent of Total 59%</b>	<b>TOTAL 70</b>	Unknown 0	Foreign Countries 189
	<b>Percent of Total 2%</b>		<b>TOTAL 4,285</b>

**CARNEGIE MELLON UNIVERSITY**

**Headcount Enrollment  
By Continent and Country of Citizenship  
Fall Semester 1991**

<b>Continent</b>	<b>Country</b>	<b>Undergraduate</b>	<b>Graduate</b>	<b>Special</b>	<b>Total</b>
<b>Africa</b>	Algeria	0	2	0	2
	Botswana	0	3	0	3
	Cameroon	0	1	0	1
	Egypt	1	5	0	6
	Ethiopia	0	1	0	1
	Ghana	1	0	0	1
	Kenya	1	5	0	6
	Morocco	0	9	0	9
	Senegal	0	1	0	1
	South Africa	0	3	0	3
	Swaziland	1	0	0	1
	<b>TOTAL</b>		<b>4</b>	<b>30</b>	<b>0</b>
<b>Asia</b>	Bahrain	1	0	0	1
	Bangladesh	0	1	0	1
	China (Peoples Republic)	3	89	1	93
	China (Taiwan)	18	74	0	92
	Cyprus	0	5	0	5
	Hong Kong	27	8	0	35
	India	31	161	1	193
	Indonesia	10	20	0	30
	Iran	0	3	0	3
	Israel	0	15	0	15
	Japan	18	49	1	68
	Lebanon	1	1	0	2
	Malaysia	15	11	0	26
	Pakistan	9	5	0	14
	Philippines	2	3	0	5
	USSR	0	3	0	3
	Saudi Arabia	0	1	0	1
	Singapore	19	7	0	26
	South Korea	25	38	1	64
	Sri Lanka	1	6	0	7
Syria	0	1	0	1	
Thailand	15	4	0	19	
United Arab Emirates	1	0	0	1	
<b>TOTAL</b>		<b>196</b>	<b>505</b>	<b>4</b>	<b>705</b>
<b>Australia</b>	Australia	3	7	0	10
	New Zealand	0	1	0	1
	<b>TOTAL</b>	<b>3</b>	<b>8</b>	<b>0</b>	<b>11</b>
<b>Europe</b>	Austria	1	3		4
	Belgium	1	8	1	10
	Czechoslovakia	0	2	0	2

**CARNEGIE MELLON UNIVERSITY**

**Headcount Enrollment  
By Continent and Country of Citizenship  
Fall Semester 1991**

<b>Continent</b>	<b>Country</b>	<b>Undergraduate</b>	<b>Graduate</b>	<b>Special</b>	<b>Total</b>
<b>Europe</b> (cont.)	Denmark	0	3	0	3
	Germany	7	20	1	28
	Finland	0	1	1	2
	France	4	12	0	16
	Greece	0	13	0	13
	Hungary	0	1	0	1
	Iceland	0	3	0	3
	Ireland	0	3	0	3
	Italy	1	11	0	12
	Netherlands	0	5	0	5
	Norway	0	3	0	3
	Poland	0	4	0	4
	Portugal	0	8	0	8
	Romania	0	3	0	3
	Spain	5	4	0	9
	Sweden	0	1	0	1
	Switzerland	2	8	0	10
	Turkey	1	12	0	13
	United Kingdom	8	12	0	20
	Yugoslavia	0	12	1	13
	<b>TOTAL</b>	<b>30</b>	<b>152</b>	<b>4</b>	<b>186</b>
<b>Central/South America</b>	Argentina	1	6	0	7
	Barbados	2	0	0	2
	Bolivia	2	0	0	2
	Brazil	1	12	0	13
	Chile	0	10	0	10
	Columbia	0	1	0	1
	Costa Rica	1	1	0	2
	Dominican Republic	1	1	0	2
	El Salvador	1	0	0	1
	Ecuador	1	1	0	2
	Jamaica	1	2	0	3
	Mexico	3	11	0	14
	Nicaragua	0	2	0	2
	Panama	0	1	0	1
	Peru	0	1	0	1
	Trinidad & Tobago	0	1	0	1
	Venezuela	2	6	0	8
	<b>TOTAL</b>	<b>16</b>	<b>56</b>	<b>0</b>	<b>72</b>
<b>North America</b>	Canada	3	37	0	40
<b>Other</b>	<b>TOTAL</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>7</b>
<b>Total Non-US Citizens</b>		<b>189</b>	<b>794</b>	<b>8</b>	<b>1,055</b>
<b>Total US Citizens</b>		<b>4,096</b>	<b>1,918</b>	<b>143</b>	<b>6,093</b>
<b>TOTAL</b>		<b>4,285</b>	<b>2,712</b>	<b>151</b>	<b>7,148</b>

U.S. citizens include permanent residents of the U.S. who have foreign citizenship.

**CARNEGIE MELLON UNIVERSITY**

**Headcount Enrollment  
By Department, Level and Status  
Fall Semester 1991**

College	Department	Undergraduate			Graduate			Total Students			
		Full	Part	Total	Full	Part	Total	Full	Part	Total	
<b>CFA</b>	Architecture	260	4	264	26	12	38	286	16	302	
	Art	193	4	197	11	0	11	204	4	208	
	Design	174	3	177	0	0	0	174	3	177	
	Drama	172	0	172	24	10	34	196	10	206	
	Music	119	5	124	2	48	50	121	53	174	
	No Major Dept.	7	1	8	0	0	0	7	1	8	
	<b>TOTAL CFA</b>		<b>925</b>	<b>17</b>	<b>942</b>	<b>63</b>	<b>70</b>	<b>133</b>	<b>988</b>	<b>87</b>	<b>1,075</b>
<b>CIT</b>	Biomedical E.	0	0	0	4	1	5	4	1	5	
	Chemical E.	132	2	134	66	25	91	198	27	225	
	Civil E.	112	0	112	59	13	72	171	13	184	
	E & C E.	361	8	369	210	20	230	571	28	599	
	EPP	0	0	0	32	2	34	32	2	34	
	Mfg. E.	0	0	0	6	0	6	6	0	6	
	Mechanical E.	232	4	236	77	17	94	309	21	330	
	MEMS	49	1	50	45	11	56	94	12	106	
	No Major Dept.	379	0	379	0	0	0	379	0	379	
	<b>TOTAL CIT</b>		<b>1,265</b>	<b>15</b>	<b>1,280</b>	<b>499</b>	<b>89</b>	<b>588</b>	<b>1,764</b>	<b>104</b>	<b>1,868</b>
<b>GSIA</b>		0	0	0	476	174	650	476	174	650	
<b>H&amp;SS</b>	Economics	45	1	46	0	0	0	45	1	46	
	English	125	6	131	51	44	95	176	50	226	
	History	64	3	67	19	39	58	83	42	125	
	IM - H&SS	64	1	65	0	0	0	64	1	65	
	Modern Lang.	1	1	2	0	0	0	1	1	2	
	Philosophy	6	2	8	21	9	30	27	11	38	
	Psychology	46	4	50	33	2	35	79	6	85	
	S & D S.	87	7	94	11	4	15	98	11	109	
	Statistics	3	0	3	23	4	27	26	4	30	
	Student Def'd.	2	0	2	0	0	0	2	0	2	
	No Major Dept.	417	6	423	0	0	0	417	6	423	
	<b>TOTAL H&amp;SS</b>		<b>860</b>	<b>31</b>	<b>891</b>	<b>158</b>	<b>102</b>	<b>260</b>	<b>1,018</b>	<b>133</b>	<b>1,151</b>
	<b>IM</b>		289	6	295	0	0	0	289	6	295
<b>INI</b>		0	0	0	46	0	46	46	0	46	
<b>MCS</b>	Biology	109	2	111	51	4	55	160	6	166	
	Chemistry	58	0	58	48	5	53	106	5	111	
	Math	87	13	100	39	2	41	126	15	141	
	Physics	70	2	72	56	5	61	126	7	133	
	No Major Dept.	292	0	292	0	0	0	292	0	292	
	<b>TOTAL MCS</b>		<b>616</b>	<b>17</b>	<b>633</b>	<b>194</b>	<b>16</b>	<b>210</b>	<b>810</b>	<b>33</b>	<b>843</b>
<b>SCS</b>	Comp. Sci.	236	8	244	190	25	215	426	33	459	
	Robotics	0	0	0	41	0	41	41	0	41	
	<b>TOTAL SCS</b>		<b>236</b>	<b>8</b>	<b>244</b>	<b>231</b>	<b>25</b>	<b>256</b>	<b>467</b>	<b>33</b>	<b>500</b>
<b>SUPA</b>		0	0	0	231	338	569	231	338	569	
<b>NON-DEGREE</b>		0	0	0	0	0	0	6	145	151	
<b>TOTAL</b>		<b>4,191</b>	<b>94</b>	<b>4,285</b>	<b>1,898</b>	<b>814</b>	<b>2,712</b>	<b>6,095</b>	<b>1,053</b>	<b>7,148</b>	



**CARNEGIE MELLON UNIVERSITY**

**Headcount Enrollment  
By Department, Level and Sex  
Fall Semester 1991**

College	Department	Undergraduate			Graduate			Total Students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>CFA</b>	Architecture	188	76	264	31	7	38	219	83	302
	Art	86	111	197	7	4	11	93	115	208
	Design	79	98	177	0	0	0	79	98	177
	Drama	101	71	172	22	12	34	123	83	206
	Music	56	68	124	29	21	50	85	89	174
	No Major Dept.	4	4	8	0	0	0	4	4	8
	<b>TOTAL CFA</b>	<b>514</b>	<b>428</b>	<b>942</b>	<b>89</b>	<b>44</b>	<b>133</b>	<b>603</b>	<b>472</b>	<b>1,075</b>
<b>CIT</b>	Biomedical E.	0	0	0	3	2	5	3	2	5
	Chemical E.	85	49	134	65	26	91	150	75	225
	Civil E.	81	31	112	63	9	72	144	40	184
	E & C E.	342	27	369	208	22	230	550	49	599
	EPP	0	0	0	26	8	34	26	8	34
	Mfg. E.	0	0	0	6	0	6	6	0	6
	Mechanical E.	218	18	236	84	10	94	302	28	330
	MEMS	42	8	50	45	11	56	87	19	106
	No Major Dept.	322	57	379	0	0	0	322	57	379
<b>TOTAL CIT</b>	<b>1,090</b>	<b>190</b>	<b>1,280</b>	<b>500</b>	<b>88</b>	<b>588</b>	<b>1,590</b>	<b>278</b>	<b>1,868</b>	
<b>GSIA</b>		0	0	0	536	114	650	536	114	650
<b>H&amp;SS</b>	Economics	39	7	46	0	0	0	39	7	46
	English	49	82	131	30	65	95	79	147	226
	History	41	26	67	33	25	58	74	51	125
	IM - H&SS	37	28	65	0	0	0	37	28	65
	Modern Lang.	0	2	2	0	0	0	0	2	2
	Philosophy	7	1	8	26	4	30	33	5	38
	Psychology	28	22	50	22	13	35	50	35	85
	S & D S.	59	35	94	10	5	15	69	40	109
	Statistics	3	0	3	19	8	27	22	8	30
	Student Def'd.	1	1	2	0	0	0	1	1	2
	No Major Dept.	242	181	423	0	0	0	242	181	423
	<b>TOTAL H&amp;SS</b>	<b>506</b>	<b>385</b>	<b>891</b>	<b>140</b>	<b>120</b>	<b>260</b>	<b>646</b>	<b>505</b>	<b>1,151</b>
	<b>IM</b>		206	89	295	0	0	0	206	89
<b>INI</b>		0	0	0	38	8	46	38	8	46
<b>MCS</b>	Biology	66	45	111	29	26	55	95	71	166
	Chemistry	42	16	58	37	16	53	79	32	111
	Math	75	25	100	34	7	41	109	32	141
	Physics	61	11	72	55	6	61	116	17	133
	No Major Dept.	220	72	292	0	0	0	220	72	292
	<b>TOTAL MCS</b>	<b>464</b>	<b>169</b>	<b>633</b>	<b>155</b>	<b>55</b>	<b>210</b>	<b>619</b>	<b>224</b>	<b>843</b>
<b>SCS</b>	Comp. Sci.	222	22	244	185	30	215	407	52	459
	Robotics	0	0	0	38	3	41	38	3	41
	<b>TOTAL SCS</b>	<b>222</b>	<b>22</b>	<b>244</b>	<b>223</b>	<b>33</b>	<b>256</b>	<b>445</b>	<b>55</b>	<b>500</b>
<b>SUPA</b>		0	0	0	261	308	569	261	308	569
<b>NON-DEGREE</b>		0	0	0	0	0	0	83	68	151
<b>TOTAL</b>		<b>3,002</b>	<b>1,283</b>	<b>4,285</b>	<b>1,942</b>	<b>770</b>	<b>2,712</b>	<b>5,027</b>	<b>2,121</b>	<b>7,148</b>

**CARNEGIE MELLON UNIVERSITY**

**Headcount Enrollment  
By Department and Class  
Fall Semester 1991**

College	Department	Undergraduate				Total	Graduate	Headcount
		Fresh.	Soph.	Junr.	Senr.		Total	Total
<b>CFA</b>	Architecture	77	60	49	78	264	38	302
	Art	49	48	45	55	197	11	208
	Design	49	46	42	40	177	0	177
	Drama	65	48	26	33	172	34	206
	Music	39	20	33	32	124	50	174
	No Major Dept.	0	3	2	3	8	0	8
	<b>TOTAL CFA</b>	<b>279</b>	<b>225</b>	<b>197</b>	<b>241</b>	<b>942</b>	<b>133</b>	<b>1,075</b>
<b>CIT</b>	Biomedical E.	0	0	0	0	0	5	5
	Chemical E.	0	60	46	28	134	91	225
	Civil E.	0	36	36	40	112	72	184
	E & C E.	1	147	112	109	369	230	599
	EPP	0	0	0	0	0	34	34
	Mfg. E.	0	0	0	0	0	6	6
	Mechanical E.	1	98	66	71	236	94	330
	MEMS	1	10	21	18	50	56	106
	No Major Dept.	377	2	0	0	379	0	379
<b>TOTAL CIT</b>	<b>380</b>	<b>353</b>	<b>281</b>	<b>266</b>	<b>1,280</b>	<b>588</b>	<b>1,868</b>	
<b>GSIA</b>		0	0	0	0	650	650	
<b>H&amp;SS</b>	Economics	0	1	15	30	46	0	46
	English	0	1	59	71	131	95	226
	History	0	0	32	35	67	58	125
	IM-H&SS	36	27	2	0	65	0	65
	Modern Lang.	0	0	2	0	2	0	2
	Philosophy	0	1	2	5	8	30	38
	Psychology	0	1	21	28	50	35	85
	S & D S.	0	2	45	47	94	15	109
	Statistics	0	0	2	1	3	27	30
	Student Def'd.	0	0	0	2	2	0	2
	No Major Dept.	215	187	20	1	423	0	423
	<b>TOTAL H&amp;SS</b>	<b>251</b>	<b>220</b>	<b>200</b>	<b>220</b>	<b>891</b>	<b>260</b>	<b>1,151</b>
	<b>IM</b>		23	39	119	114	295	0
<b>INI</b>		0	0	0	0	0	46	46
<b>MCS</b>	Biology	2	38	39	32	111	55	166
	Chemistry	2	25	17	14	58	53	111
	Math	0	24	30	46	100	41	141
	Physics	1	25	23	23	72	61	133
	No Major Dept.	289	3	0	0	292	0	292
	<b>TOTAL MCS</b>	<b>294</b>	<b>115</b>	<b>109</b>	<b>115</b>	<b>633</b>	<b>210</b>	<b>843</b>
<b>SCS</b>	Comp. Sci.	0	103	67	74	244	215	459
	Robotics	0	0	0	0	0	41	41
	<b>TOTAL SCS</b>	<b>0</b>	<b>103</b>	<b>67</b>	<b>74</b>	<b>244</b>	<b>256</b>	<b>500</b>
<b>SUPA</b>		0	0	0	0	569	569	
<b>NON-DEGREE</b>		0	0	0	0	0	151	
<b>TOTAL</b>		<b>1,227</b>	<b>1,055</b>	<b>973</b>	<b>1,030</b>	<b>4,285</b>	<b>2,712</b>	<b>7,148</b>

**CARNEGIE MELLON UNIVERSITY**

**Full-Time Equivalent (FTE) Enrollment  
By Department and Class  
Fall Semester 1991**

College	Department	Undergraduate				Total	Graduate	FTE
		Fresh.	Soph.	Junr.	Senr.		Total	Total
<b>CFA</b>	Architecture	76.2	60.0	49.0	77.8	262.9	29.0	291.9
	Art	49.0	47.4	44.8	54.5	195.6	11.0	206.6
	Design	49.0	45.1	42.0	39.0	175.1	0.0	175.1
	Drama	65.0	48.0	26.0	33.0	172.0	31.0	203.0
	Music	38.3	20.0	33.0	31.4	122.8	33.1	155.9
	No Major Dept.	0.0	2.6	2.0	3.0	7.6	0.0	7.6
	<b>TOTAL CFA</b>	<b>277.5</b>	<b>223.1</b>	<b>196.8</b>	<b>238.7</b>	<b>936.0</b>	<b>104.1</b>	<b>1,040.1</b>
<b>CIT</b>	Biomedical E.	0.0	0.0	0.0	0.0	0.0	4.8	4.8
	Chemical E.	0.0	59.3	46.0	27.5	132.8	73.7	206.4
	Civil E.	0.0	36.0	36.0	40.0	112.0	62.9	174.9
	E & C E.	1.0	146.9	112.0	106.1	366.0	218.2	584.2
	EPP	0.0	0.0	0.0	0.0	0.0	33.5	33.5
	Mfg. E.	0.0	0.0	0.0	0.0	0.0	6.0	6.0
	Mechanical E.	1.0	98.0	66.0	69.7	234.7	82.2	316.9
	MEMS	1.0	10.0	21.0	17.8	49.8	47.1	96.8
	No Major Dept.	377.0	2.0	0.0	0.0	379.0	0.0	379.0
<b>TOTAL CIT</b>	<b>380.0</b>	<b>352.1</b>	<b>281.0</b>	<b>261.0</b>	<b>1,274.2</b>	<b>528.4</b>	<b>1,802.5</b>	
<b>GSIA</b>		0.0	0.0	0.0	0.0	0.0	588.4	588.4
<b>H&amp;SS</b>	Economics	0.0	1.0	14.8	30.0	45.8	0.0	45.8
	English	0.0	1.0	58.8	69.0	128.8	61.6	190.4
	History	0.0	0.0	31.3	34.2	65.4	25.7	91.1
	IM - H&SS	36.0	26.8	2.0	0.0	64.8	0.0	64.8
	Modern Lang.	0.0	0.0	1.9	0.0	1.9	0.0	1.9
	Philosophy	0.0	1.0	2.0	3.8	6.8	24.0	30.8
	Psychology	0.0	1.0	20.3	26.7	47.9	33.3	81.2
	S & D S.	0.0	1.3	45.0	44.2	90.4	11.6	102.0
	Statistics	0.0	0.0	2.0	1.0	3.0	24.0	27.0
	Student Def'd.	0.0	0.0	0.0	2.0	2.0	0.0	2.0
	No Major Dept.	213.9	186.3	20.0	1.0	421.2	0.0	421.2
	<b>TOTAL H&amp;SS</b>	<b>249.9</b>	<b>218.4</b>	<b>197.9</b>	<b>211.8</b>	<b>877.9</b>	<b>180.0</b>	<b>1,058.0</b>
	<b>IM</b>		23.0	39.0	117.8	112.5	292.3	0.0
<b>INI</b>		0.0	0.0	0.0	0.0	0.0	46.0	46.0
<b>MCS</b>	Biology	2.0	38.0	39.0	31.0	110.0	53.3	163.3
	Chemistry	2.0	25.0	17.0	14.0	58.0	50.5	108.5
	Math	0.0	24.0	29.0	40.1	93.1	39.5	132.6
	Physics	1.0	25.0	23.0	22.0	71.0	57.4	128.4
	No Major Dept.	289.0	3.0	0.0	0.0	292.0	0.0	292.0
	<b>TOTAL MCS</b>	<b>294.0</b>	<b>115.0</b>	<b>108.0</b>	<b>107.1</b>	<b>624.1</b>	<b>200.6</b>	<b>824.8</b>
<b>SCS</b>	Comp. Sci.	0.0	102.1	66.0	73.5	241.6	199.6	441.2
	Robotics	0.0	0.0	0.0	0.0	0.0	41.0	41.0
	<b>TOTAL SCS</b>	<b>0.0</b>	<b>102.1</b>	<b>66.0</b>	<b>73.5</b>	<b>241.6</b>	<b>240.6</b>	<b>482.2</b>
<b>SUPA</b>		0.0	0.0	0.0	0.0	0.0	339.6	339.6
<b>NON-DEGREE</b>		0.0	0.0	0.0	0.0	0.0	0.0	52.6
<b>TOTAL</b>		<b>1,224.4</b>	<b>1,049.7</b>	<b>967.4</b>	<b>1,004.6</b>	<b>4,246.0</b>	<b>2,227.8</b>	<b>6,526.5</b>

# CARNEGIE MELLON UNIVERSITY

## Headcount and FTE Enrollment By College, Level and Status Fall Semesters 1986 to 1991

College	Status	1986			1987			1988		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	814	88	902	878	87	965	888	90	978
	Part	41	54	95	45	59	104	45	64	109
	Total	855	142	997	923	146	1,069	933	154	1,087
FTE	839.5	115.8	955.3	906.1	117.3	1,023.4	916.0	121.0	1,037.0	
CIT	Headcount									
	Full	1,320	490	1,810	1,238	493	1,731	1,189	473	1,662
	Part	31	132	163	38	131	169	33	125	158
	Total	1,351	622	1,973	1,276	624	1,900	1,222	598	1,820
FTE	1,326.8	559.0	1,885.8	1,245.8	539.5	1,785.3	1,200.3	510.3	1,710.6	
GSIA	Headcount									
	Full	0	332	332	0	413	413	0	492	492
	Part	1	116	117	0	162	162	0	177	177
	Total	1	448	449	0	575	575	0	669	669
FTE	0.6	391.2	391.8	0.0	492.3	492.3	0.0	579.1	579.1	
H&SS	Headcount									
	Full	952	103	1,055	985	119	1,104	1,027	127	1,154
	Part	37	92	129	31	91	122	40	95	135
	Total	989	195	1,184	1,016	210	1,226	1,067	222	1,289
FTE	975.5	120.1	1,095.6	1,000.8	137.5	1,138.3	1,049.2	145.8	1,195.0	
IM	Headcount									
	Full	241	0	241	241	0	241	221	0	221
	Part	6	0	6	4	0	4	4	0	4
	Total	247	0	247	245	0	245	225	0	225
FTE	243.3	0.0	243.3	242.9	0.0	242.9	223.3	0.0	223.3	
INI	Headcount									
	Full	0	0	0	0	0	0	0	0	0
	Part	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0
FTE			0.0			0.0			0.0	
MCS	Headcount									
	Full	842	194	1,036	779	193	972	764	184	948
	Part	33	29	62	38	27	65	29	32	61
	Total	875	223	1,098	817	220	1,037	793	216	1,009
FTE	856.4	211.2	1,067.6	795.6	197.8	993.4	779.3	193.8	973.1	
SCS	Headcount									
	Full	0	140	140	0	161	161	0	155	155
	Part	0	5	5	0	4	4	0	10	10
	Total	0	145	145	0	165	165	0	165	165
FTE	0.0	148.9	148.9	0.0	163.2	163.2	0.0	157.1	157.1	
SUPA	Headcount									
	Full	2	161	163	12	146	158	19	170	189
	Part	0	282	282	1	326	327	0	326	326
	Total	2	443	445	13	472	485	19	496	515
FTE	2.0	257.3	259.3	13.0	258.8	271.8	19.0	269.1	288.1	
TOTAL*	Headcount									
	Full	4,171	1,508	5,685	4,133	1,612	5,749	4,108	1,691	5,806
	Part	149	710	1,067	157	800	1,167	151	829	1,187
	Total	4,320	2,218	6,752	4,290	2,412	6,916	4,259	2,520	6,993
FTE	4,244.1	1,803.5	6,123.4	4,204.2	1,906.4	6,182.2	4,187.1	1,976.2	6,239.3	

\*Total includes Non-Degree Headcount and FTE Enrollment

**CARNEGIE MELLON UNIVERSITY**

**Headcount and FTE Enrollment  
By College, Level and Status  
Fall Semesters 1986 to 1991**

College	Status	1989			1990			1991		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	933	84	1,017	958	70	1,028	925	63	988
	Part	37	81	118	28	87	115	17	70	87
	Total	970	165	1,135	986	157	1,143	942	133	1,075
FTE	953.4	127.2	1,080.6	969.1	117.2	1,086.3	936.0	104.1	1,040.1	
CIT	Headcount									
	Full	1,201	446	1,647	1,231	494	1,725	1,265	499	1,764
	Part	40	108	148	29	111	140	15	89	104
	Total	1,241	554	1,795	1,260	605	1,865	1,280	588	1,868
FTE	1,215.4	482.5	1,697.9	1,238.7	526.0	1,764.7	1,274.2	528.4	1,802.5	
GSIA	Headcount									
	Full	0	457	457	2	451	453	0	476	476
	Part	0	209	209	0	180	180	0	174	174
	Total	0	666	666	2	631	633	0	650	650
FTE	0.0	568.5	568.5	2.0	561.5	563.5	0.0	588.4	588.4	
H&SS	Headcount									
	Full	1,031	122	1,153	968	151	1,119	860	158	1,018
	Part	46	109	155	36	106	142	31	102	133
	Total	1,077	231	1,308	1,004	257	1,261	891	260	1,151
FTE	1,057.6	142.4	1,200.0	979.1	171.6	1,150.7	877.9	180.0	1,058.0	
IM	Headcount									
	Full	239	0	239	258	0	258	289	0	289
	Part	6	0	6	4	0	4	6	0	6
	Total	245	0	245	262	0	262	295	0	295
FTE	242.8	0.0	242.8	259.5	0.0	259.5	292.3	0.0	292.3	
INI	Headcount									
	Full	0	24	24	0	38	38	0	46	46
	Part	0	0	0	0	24	24	0	0	0
	Total	0	24	24	0	62	62	0	46	46
FTE		24.0	24.0	0.0	38.0	38.0	0.0	46.0	46.0	
MCS	Headcount									
	Full	732	204	936	698	202	900	616	194	810
	Part	31	34	65	32	22	54	17	16	33
	Total	763	238	1,001	730	224	954	633	210	843
FTE	743.0	210.4	953.4	710.8	208.9	919.7	624.1	200.6	824.8	
SCS	Headcount									
	Full	0	180	180	80	217	297	236	231	467
	Part	0	13	13	3	20	23	8	25	33
	Total	0	193	193	83	237	320	244	256	500
FTE	0.0	185.4	185.4	80.0	227.2	307.2	241.6	240.6	482.2	
SUPA	Headcount									
	Full	0	226	226	0	226	226	0	231	231
	Part	0	291	291	0	309	309	0	338	338
	Total	0	517	517	0	535	535	0	569	569
FTE	0.0	312.7	312.7	0.0	322.4	322.4	0.0	339.6	339.6	
TOTAL*	Headcount									
	Full	4,136	1,743	5,887	4,195	1,849	6,047	4,191	1,898	6,095
	Part	160	845	1,203	132	859	1,169	94	814	1,053
	Total	4,296	2,588	7,090	4,327	2,708	7,216	4,285	2,712	7,148
FTE	4,212.2	2,053.1	6,345.1	4,239.2	2,172.9	6,471.7	4,246.0	2,227.8	6,526.5	

\*Total includes Non-Degree Headcount and FTE Enrollment

**CARNEGIE MELLON UNIVERSITY**

**Undergraduate Headcount Enrollment  
By Department, Race and Sex  
Fall Semester 1991**

College	NRA		Black		AI/AN		A/PI		Hisp.		White		Unkn.		Total
Department	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<b>CFA</b>															
Architecture	14	2	4	2	0	0	22	14	6	1	94	40	48	17	264
Art	1	0	5	2	1	2	5	4	1	2	43	62	30	39	197
Design	3	7	1	1	0	0	6	9	1	1	45	58	23	22	177
Drama	1	1	6	6	0	0	2	1	2	1	62	44	28	18	172
Music	1	5	6	2	0	0	1	0	2	0	27	36	19	25	124
No Major Dept.	0	0	0	0	0	0	1	0	0	0	1	1	2	3	8
<b>TOTAL CFA</b>	<b>20</b>	<b>15</b>	<b>22</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>37</b>	<b>28</b>	<b>12</b>	<b>5</b>	<b>272</b>	<b>241</b>	<b>150</b>	<b>124</b>	<b>942</b>
<b>CIT</b>															
Biomedical E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical E.	3	3	1	4	0	0	12	4	0	1	49	24	20	13	134
Civil E.	4	1	3	1	0	0	4	3	1	1	52	19	17	6	112
E & C E.	31	1	16	0	0	0	42	4	4	1	139	14	110	7	369
EPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mfg. E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical E.	12	1	7	0	0	0	27	4	0	0	118	10	54	3	236
MEMS	3	0	1	1	0	0	4	1	0	0	24	2	10	4	50
No Major Dept.	49	7	16	6	1	0	41	9	7	0	185	34	23	1	379
<b>TOTAL CIT</b>	<b>102</b>	<b>13</b>	<b>44</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>130</b>	<b>25</b>	<b>12</b>	<b>3</b>	<b>567</b>	<b>103</b>	<b>234</b>	<b>34</b>	<b>1,280</b>
<b>GSIA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>H&amp;SS</b>															
Economics	5	1	0	0	0	0	4	0	0	0	19	3	11	3	46
English	0	2	1	6	0	0	0	1	0	1	23	36	25	36	131
History	0	1	1	2	0	0	1	0	0	0	23	16	16	7	67
IM - H&SS	2	1	2	2	0	0	5	5	0	1	26	18	2	1	65
Modern Lang.	0	0	0	0	0	0	0	0	0	0	1	0	6	1	8
Philosophy	0	0	0	0	0	0	0	0	0	0	16	10	6	8	50
Psychology	2	0	1	0	0	0	1	4	2	0	16	10	6	8	50
S & D.S.	2	2	2	4	0	0	4	1	0	1	24	19	27	8	94
Statistics	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3
Student Defd.	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
No Major Dept.	20	8	7	8	0	2	26	19	9	5	150	114	30	25	423
<b>TOTAL H&amp;SS</b>	<b>31</b>	<b>15</b>	<b>14</b>	<b>22</b>	<b>0</b>	<b>2</b>	<b>41</b>	<b>30</b>	<b>11</b>	<b>8</b>	<b>284</b>	<b>216</b>	<b>125</b>	<b>92</b>	<b>891</b>
<b>IM</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>22</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>90</b>	<b>50</b>	<b>73</b>	<b>14</b>	<b>295</b>
<b>INI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MCS</b>															
Biology	2	1	0	4	0	0	6	3	2	0	30	24	26	13	111
Chemistry	1	1	0	0	0	0	3	3	1	0	27	9	10	3	58
Math	1	4	1	0	0	0	1	1	0	0	42	15	29	6	100
Physics	3	0	2	1	0	0	1	0	0	1	36	4	19	5	72
No Major Dept.	16	5	4	4	1	0	35	20	3	2	144	38	17	3	292
<b>TOTAL MCS</b>	<b>23</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>46</b>	<b>27</b>	<b>6</b>	<b>3</b>	<b>279</b>	<b>90</b>	<b>101</b>	<b>30</b>	<b>633</b>
<b>SCS</b>															
Comp. Sci.	19	6	4	1	0	1	20	3	3	0	113	6	63	5	244
Robotics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL SCS</b>	<b>19</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>113</b>	<b>6</b>	<b>63</b>	<b>5</b>	<b>244</b>
<b>SUPA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>205</b>	<b>66</b>	<b>97</b>	<b>65</b>	<b>4</b>	<b>5</b>	<b>296</b>	<b>126</b>	<b>46</b>	<b>19</b>	<b>1,605</b>	<b>706</b>	<b>746</b>	<b>299</b>	<b>4,285</b>

**CARNEGIE MELLON UNIVERSITY**

**Graduate Headcount Enrollment  
By Department, Race and Sex  
Fall Semester 1991**

College		NRA		Black		AI/AN		A/PI		Hisp.		White		Unkn.		Total
Department		M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<b>CFA</b>																
Architecture		24	6	0	0	0	0	1	0	0	0	4	1	2	0	38
Art		2	2	0	0	0	0	0	0	1	0	2	1	2	1	11
Design		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drama		4	1	0	0	0	0	1	0	1	1	9	6	7	4	34
Music		6	8	0	1	0	0	1	1	0	0	16	7	6	4	50
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL CFA</b>		<b>36</b>	<b>17</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>31</b>	<b>15</b>	<b>17</b>	<b>9</b>	<b>133</b>
<b>CIT</b>																
Biomedical E.		1	0	0	1	0	0	0	0	0	0	1	0	1	1	5
Chemical E.		26	2	0	0	0	0	0	3	0	1	28	16	11	4	91
Civil E.		44	4	0	0	0	0	0	0	0	0	13	3	6	2	72
E & C E.		87	10	0	0	0	0	8	0	2	2	66	8	45	2	230
EPP		12	3	0	0	0	0	1	0	0	0	7	4	6	1	34
Mfg. E.		5	0	0	0	0	0	0	0	0	0	1	0	0	0	6
Mechanical E.		47	2	0	0	1	0	1	0	0	0	24	5	11	3	94
MEMS		33	5	0	0	0	0	0	1	0	0	7	1	5	4	56
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL CIT</b>		<b>255</b>	<b>26</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>147</b>	<b>37</b>	<b>85</b>	<b>17</b>	<b>588</b>
<b>GSIA</b>		<b>132</b>	<b>25</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>221</b>	<b>57</b>	<b>160</b>	<b>26</b>	<b>650</b>
<b>H&amp;SS</b>																
Economics		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
English		2	3	0	0	0	0	0	1	0	0	20	43	8	18	95
History		3	4	1	1	0	0	0	1	0	0	19	10	10	9	58
IM - H&SS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modern Lang.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philosophy		12	1	0	0	0	0	0	0	0	0	9	0	5	3	30
Psychology		10	0	0	0	0	0	0	1	0	0	5	10	7	2	35
S & D S.		5	0	0	0	0	0	1	0	0	0	1	4	3	1	15
Statistics		12	2	0	0	0	0	0	0	0	0	5	6	2	0	27
Student Defd.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL H&amp;SS</b>		<b>44</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>73</b>	<b>35</b>	<b>33</b>	<b>260</b>
<b>IM</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>INI</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>13</b>	<b>3</b>	<b>46</b>
<b>MCS</b>																
Biology		9	4	1	2	0	0	0	0	0	0	9	11	10	9	55
Chemistry		8	8	0	0	0	0	1	0	0	0	19	5	9	3	53
Math		19	4	0	0	0	0	0	0	0	0	10	3	5	0	41
Physics		31	6	0	0	0	0	1	0	0	0	16	0	7	0	61
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL MCS</b>		<b>67</b>	<b>22</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>19</b>	<b>31</b>	<b>12</b>	<b>210</b>
<b>SCS</b>																
Comp. Sci.		52	14	1	0	0	0	3	0	1	0	61	9	66	8	215
Robotics		19	0	0	0	0	0	1	0	2	0	9	0	7	3	41
<b>TOTAL SCS</b>		<b>71</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>70</b>	<b>9</b>	<b>73</b>	<b>11</b>	<b>256</b>
<b>SUPA</b>		<b>61</b>	<b>36</b>	<b>5</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>133</b>	<b>181</b>	<b>56</b>	<b>75</b>	<b>569</b>
<b>TOTAL</b>		<b>671</b>	<b>150</b>	<b>10</b>	<b>15</b>	<b>2</b>	<b>0</b>	<b>47</b>	<b>22</b>	<b>12</b>	<b>7</b>	<b>729</b>	<b>391</b>	<b>470</b>	<b>186</b>	<b>2,712</b>

**CARNEGIE MELLON UNIVERSITY**

**Distribution of Students  
By Housing Type, Level and Sex  
Fall Semester 1991**

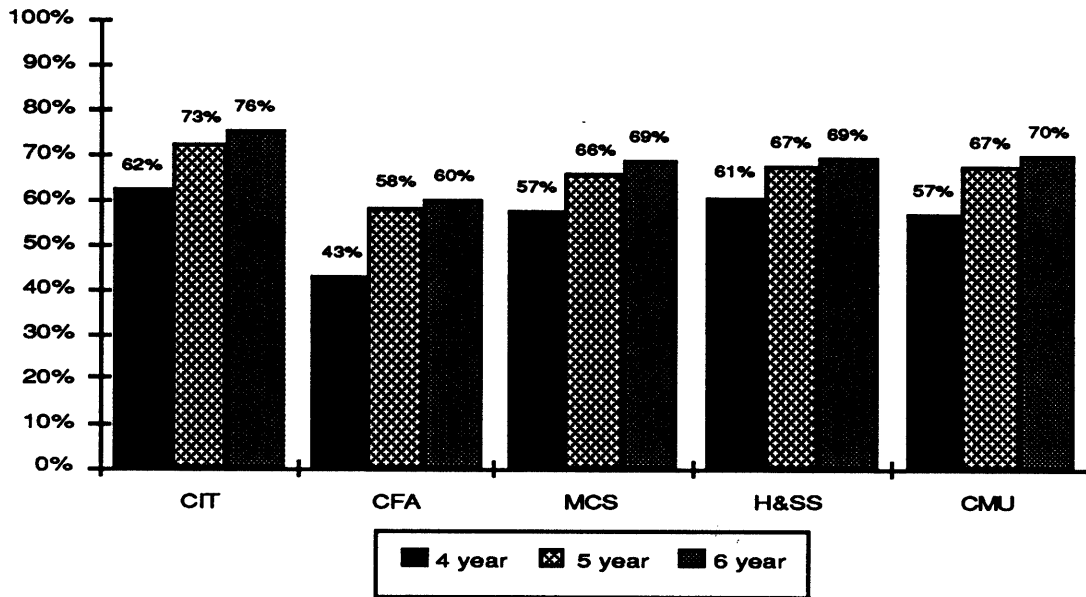
	<b>Carnegie Mellon Housing</b>			<b>Fraternity &amp; Sorority</b>	<b>Non-CMU Housing</b>	<b>TOTAL</b>
	<b><u>On-Campus</u></b>	<b><u>Off-Campus</u></b>	<b><u>Total</u></b>			
<b>Undergraduate</b>						
<b>Freshman</b>						
Male	732	77	809	0	58	867
Female	345	8	353	0	7	360
TOTAL	1,077	85	1,162	0	65	1,227
<b>Sophomore</b>						
Male	503	35	538	182	23	743
Female	195	14	209	28	75	312
TOTAL	698	49	747	210	98	1,055
<b>Junior</b>						
Male	303	33	336	125	211	672
Female	143	11	154	25	122	301
TOTAL	446	44	490	150	333	973
<b>Senior</b>						
Male	182	32	214	96	410	720
Female	103	5	108	24	178	310
TOTAL	285	37	322	120	588	1,030
<b>Undergraduate</b>						
Male	1,720	177	1,897	403	702	3,002
Female	786	38	824	77	382	1,283
TOTAL	2,506	215	2,721	480	1,084	4,285
<b>Graduate</b>						
Male	0	0	0	0	1,942	1,942
Female	0	0	0	0	770	770
TOTAL	0	0	0	0	2,712	2,712
<b>Non-Degree</b>						
Male	0	0	0	0	83	83
Female	0	0	0	0	68	68
TOTAL	0	0	0	0	151	151
<b>TOTAL</b>						
Male	1,720	177	1,897	403	2,727	5,027
Female	786	38	824	77	1,220	2,121
TOTAL	2,506	215	2,721	480	3,947	7,148



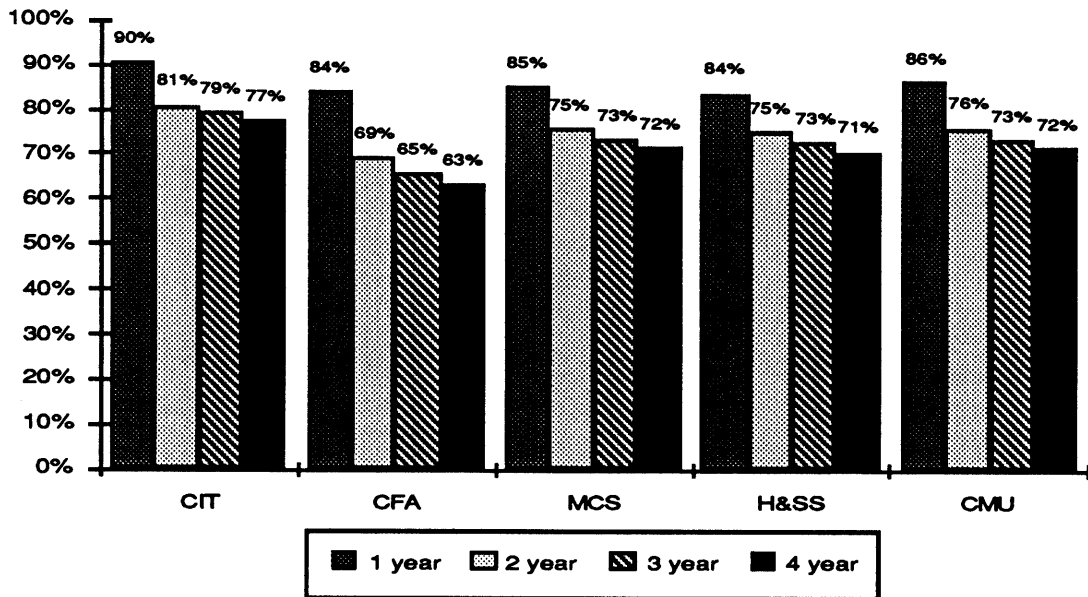
**CARNEGIE MELLON UNIVERSITY**

**Average Within University Graduation and Persistence Rates by College and for CMU As of Fall 1991**

**Average Within University Graduation Rate by College and for CMU**



**Average Within University Persistence Rate by College and for CMU**



Notes: Persistence is the sum of those enrolled and those who have graduated. Within university rates denote the college in which the student originally enrolled.

**CARNEGIE MELLON UNIVERSITY**

**Total Degrees Granted  
By Department and Level  
Academic Year 1990-91**

		<b>Bachelors</b>	<b>Masters</b>	<b>Doctorates</b>	<b>TOTAL</b>
<b>College</b>	<b>Department</b>				
<b>CFA</b>					
	Architecture	38	27	5	70
	Art	60	1	0	61
	Design	39	0	0	39
	Drama	26	4	0	30
	Music	15	19	0	34
	<b>TOTAL CFA</b>	<b>178</b>	<b>51</b>	<b>5</b>	<b>234</b>
<b>CIT</b>					
	Biomed. E.	0	0	0	0
	Chemical E.	41	7	10	58
	Civil E.	16	21	9	46
	E & C.E.	93	37	33	163
	E. & P P	0	1	6	7
	Mfg. E.	0	0	0	0
	Mechanical E.	55	32	3	90
	MEMS	28	16	9	53
	<b>TOTAL CIT</b>	<b>233</b>	<b>114</b>	<b>70</b>	<b>417</b>
<b>GSIA</b>		0	241	15	256
<b>H&amp;SS</b>					
	Economics	41	0	0	41
	English	71	14	8	93
	History	44	12	8	64
	Philosophy	4	5	2	11
	Psychology	24	5	6	35
	S & D S.	16	0	0	16
	Statistics	1	11	6	18
	Student Defined	3	0	0	3
	<b>TOTAL H&amp;SS</b>	<b>204</b>	<b>47</b>	<b>30</b>	<b>281</b>
<b>IM</b>		91	0	0	91
<b>MCS</b>					
	Biology	27	2	6	35
	Chemistry	10	6	8	24
	Math	72	9	4	85
	Physics	21	12	10	43
	<b>TOTAL MCS</b>	<b>130</b>	<b>29</b>	<b>28</b>	<b>187</b>
<b>SCS</b>					
	Comp. Sci.	39	42	21	102
	Robotics	0	1	1	2
	<b>TOTAL SCS</b>	<b>39</b>	<b>43</b>	<b>22</b>	<b>104</b>
<b>SUPA</b>		0	177	5	182
<b>TOTAL</b>		<b>875</b>	<b>702</b>	<b>175</b>	<b>1,752</b>

**CARNEGIE MELLON UNIVERSITY**

**Total Degrees Granted  
By College and Level  
Academic Years 1986-87 to 1990-91**

<b>College</b>	<b>Degrees</b>	<b>1986-87</b>	<b>1987-88</b>	<b>1988-89</b>	<b>1989-90</b>	<b>1990-91</b>
<b>CFA</b>	Bachelors	146	182	147	173	178
	Masters	37	53	53	62	51
	Doctorates	0	1	0	5	5
	<b>TOTAL CFA</b>	<b>183</b>	<b>236</b>	<b>200</b>	<b>240</b>	<b>234</b>
<b>CIT</b>	Bachelors	312	289	277	236	233
	Masters	148	136	137	96	114
	Doctorates	44	61	75	77	70
	<b>TOTAL CIT</b>	<b>504</b>	<b>486</b>	<b>489</b>	<b>409</b>	<b>417</b>
<b>GSIA</b>	Masters	152	186	261	282	241
	Doctorates	13	10	8	10	15
	<b>TOTAL GSIA</b>	<b>165</b>	<b>196</b>	<b>269</b>	<b>292</b>	<b>256</b>
<b>H&amp;SS</b>	Bachelors	160	199	203	221	204
	Masters	48	36	49	47	47
	Doctorates	17	22	30	15	30
	<b>TOTAL H&amp;SS</b>	<b>225</b>	<b>257</b>	<b>282</b>	<b>283</b>	<b>281</b>
<b>IM</b>	Bachelors	94	90	112	93	91
	<b>TOTAL IM</b>	<b>94</b>	<b>90</b>	<b>112</b>	<b>93</b>	<b>91</b>
<b>MCS</b>	Bachelors	205	198	156	171	130
	Masters	36	22	35	27	29
	Doctorates	21	30	25	30	28
	<b>TOTAL MCS</b>	<b>262</b>	<b>250</b>	<b>216</b>	<b>228</b>	<b>187</b>
<b>SCS</b>	Bachelors	0	0	0	0	39
	Masters	7	12	16	11	43
	Doctorates	11	15	14	20	22
	<b>TOTAL CS</b>	<b>18</b>	<b>27</b>	<b>30</b>	<b>31</b>	<b>104</b>
<b>SUPA</b>	Masters	177	157	186	162	177
	Doctorates	4	4	5	9	5
	<b>TOTAL SUPA</b>	<b>181</b>	<b>161</b>	<b>191</b>	<b>171</b>	<b>182</b>
<b>CMU</b>	Bachelors	917	958	895	894	875
	Masters	605	602	737	687	702
	Doctorates	110	143	157	166	175
	<b>TOTAL</b>	<b>1,632</b>	<b>1,703</b>	<b>1,789</b>	<b>1,747</b>	<b>1,752</b>



## **TEACHING AND ACADEMIC SUPPORT**



**CARNEGIE MELLON UNIVERSITY**

**Units Taught  
By Department, Semester and Level  
Academic Year 1990-91**

College	Department	Fall Semester				Spring Semester				YEAR TOTAL
		Underg.	Grad.	Other	Total	Underg.	Grad.	Other	Total	
CFA	Architecture	9,465	1,133	9	10,607	8,640	873	18	9,531	20,138
	Art	8,583	294	18	8,895	8,301	264	66	8,631	17,526
	Design	7,935	90	36	8,061	6,957	207	60	7,224	15,285
	Drama	7,931	1,479	20	9,430	7,411	1,401	27	8,839	18,269
	Music	6,873	1,335	93	8,301	6,951	1,233	99	8,283	16,584
	Interdiscp.	1,437	36	21	1,494	1,461	66	33	1,560	3,054
	TOTAL CFA	42,224	4,367	197	46,788	39,721	4,044	303	44,068	90,856
CIT	Biomedical E.	657	54	24	735	855	105	27	987	1,722
	Chemical E.	2,371	3,169	9	5,549	2,113	3,075	0	5,188	10,737
	Civil E.	2,772	2,633	18	5,423	3,132	2,147	6	5,285	10,708
	E & C.E.	7,140	10,417	159	17,716	8,595	10,080	90	18,765	36,481
	EPP	2,412	931	21	3,364	2,883	1,071	9	3,963	7,327
	Mechanical E.	6,732	3,438	42	10,212	6,186	3,395	52	9,633	19,845
	MEMS	2,212	2,527	21	4,760	2,972	2,389	21	5,382	10,142
	Interdiscp.	1,086	306	0	1,392	381	333	12	726	2,118
	TOTAL CIT	25,382	23,475	294	49,151	27,117	22,595	217	49,929	99,080
GSIA	Economics	7,875	36	0	7,911	7,965	27	27	8,019	15,930
	IM	9,207	18	54	9,279	12,180	18	63	12,261	21,540
	GSIA	150	28,526	117	28,793	162	24,025	246	24,433	53,226
	TOTAL GSIA	17,232	28,580	171	45,983	20,307	24,070	336	44,713	90,696
H&SS	English	11,946	1,712	312	13,970	11,905	1,371	222	13,498	27,468
	History	12,234	1,204	69	13,507	11,890	889	90	12,869	26,376
	Mod. Lang.	4,881	312	135	5,328	3,832	357	168	4,357	9,685
	Philosophy	4,356	717	81	5,154	4,356	765	105	5,226	10,380
	Psychology	7,697	1,595	171	9,463	6,333	1,315	90	7,738	17,201
	S & D S.	6,123	256	15	6,394	5,656	361	75	6,092	12,486
	Statistics	5,682	1,634	57	7,373	3,270	1,551	33	4,854	12,227
	Interdiscp.	117	0	0	117	434	0	72	506	623
	TOTAL H&SS	53,036	7,430	840	61,306	47,676	6,609	855	55,140	116,446
MCS	Biology	3,980	2,317	63	6,360	3,594	2,123	45	5,762	12,122
	Chemistry	10,156	2,117	20	12,293	5,313	1,961	0	7,274	19,567
	Math	22,012	1,886	230	24,128	18,265	1,662	202	20,129	44,257
	Physics	13,249	2,320	52	15,621	10,874	2,220	39	13,133	28,754
	Interdiscp.	0	0	0	0	0	36	0	36	36
	TOTAL MCS	49,397	8,640	365	58,402	38,046	8,002	286	46,334	104,736
SCS	Comput. Sci.	8,706	8,511	375	17,592	12,601	8,461	248	21,310	38,902
	Robotics	0	1,254	42	1,296	18	1,002	12	1,032	2,328
	TOTAL SCS	8,706	9,765	417	18,888	12,619	9,463	260	22,342	41,230
SUPA		228	15,594	30	15,852	312	15,769	96	16,177	32,029
OTHER		5,625	273	326	6,224	5,197	360	258	5,815	12,039
<b>TOTAL</b>		201,830	98,124	2,640	302,594	190,995	90,912	2,611	284,518	587,112

**CARNEGIE MELLON UNIVERSITY**

**Units Taught  
By College and Level  
Academic Years 1986-87 to 1990-91**

<b>College</b>	<b>Level</b>	<b>1986-87</b>	<b>1987-88</b>	<b>1988-89</b>	<b>1989-90</b>	<b>1990-91</b>
<b>CFA</b>	Undergraduate	70,368	80,914	81,518	82,003	81,945
	Graduate	9,978	9,404	9,896	9,858	8,411
	Other	683	490	649	413	500
	<b>TOTAL CFA</b>	<b>81,029</b>	<b>90,808</b>	<b>92,063</b>	<b>92,274</b>	<b>90,856</b>
<b>CIT</b>	Undergraduate	60,749	57,793	53,162	50,463	52,499
	Graduate	44,342	44,425	42,480	41,944	46,070
	Other	803	982	757	748	511
	<b>TOTAL CIT</b>	<b>105,894</b>	<b>103,200</b>	<b>96,399</b>	<b>93,155</b>	<b>99,080</b>
<b>GSIA</b>	Undergraduate	36,483	38,223	36,900	37,321	37,539
	Graduate	40,674	50,693	61,020	55,289	52,650
	Other	540	531	597	543	507
	<b>TOTAL GSIA</b>	<b>77,697</b>	<b>89,447</b>	<b>98,517</b>	<b>93,153</b>	<b>90,696</b>
<b>H&amp;SS</b>	Undergraduate	104,656	103,590	104,892	103,349	100,712
	Graduate	10,597	12,773	13,171	13,184	14,039
	Other	1,920	1,963	2,259	2,049	1,695
	<b>TOTAL H&amp;SS</b>	<b>117,173</b>	<b>118,326</b>	<b>120,322</b>	<b>118,582</b>	<b>116,446</b>
<b>MCS</b>	Undergraduate	85,784	79,180	78,830	84,764	87,443
	Graduate	16,571	15,895	14,942	17,487	16,642
	Other	583	575	525	802	651
	<b>TOTAL MCS</b>	<b>102,938</b>	<b>95,650</b>	<b>94,297</b>	<b>103,053</b>	<b>104,736</b>
<b>SCS</b>	Undergraduate	20,568	17,584	16,838	18,070	21,325
	Graduate	11,230	12,896	12,581	15,319	19,228
	Other	736	562	496	423	677
	<b>TOTAL SCS</b>	<b>32,534</b>	<b>31,042</b>	<b>29,915</b>	<b>33,812</b>	<b>41,230</b>
<b>SUPA</b>	Undergraduate	738	1,254	2,037	1,638	540
	Graduate	26,295	26,180	28,147	30,909	31,363
	Other	333	207	144	48	126
	<b>TOTAL SUPA</b>	<b>27,366</b>	<b>27,641</b>	<b>30,328</b>	<b>32,595</b>	<b>32,029</b>
<b>OTHER</b>	Undergraduate	7,487	7,825	9,388	9,735	10,822
	Graduate	222	331	476	420	633
	Other	159	173	436	454	584
	<b>TOTAL OTHER</b>	<b>7,868</b>	<b>8,329</b>	<b>10,300</b>	<b>10,609</b>	<b>12,039</b>
<b>CMU</b>	Undergraduate	386,833	386,363	383,565	387,343	392,825
	Graduate	159,909	172,597	182,713	184,410	189,036
	Other	5,757	5,483	5,863	5,480	5,251
<b>TOTAL</b>	<b>552,499</b>	<b>564,443</b>	<b>572,141</b>	<b>577,233</b>	<b>587,112</b>	

Other=ROTC, Phys. Ed. and International Education



**CARNEGIE MELLON UNIVERSITY**

**Academic Computing Statistics  
Fiscal Years 1989 and 1991**

**Change in Network Connections**

	<u>Total 1990</u>	<u>Admin/Acad 1991</u>	<u>Dormitory 1991</u>	<u>Total 1991</u>
Token Ring	1,427	1,381	32	1,413
Apple Talk	1,625	1,563	387	1,950
Ethernet	1,163	1,525	7	1,532
Total Network Connections	4,215	4,469	426	4,895
Total Asynchronous Connections	3,000	3,000	N/A	3,000
TOTAL	7,215	7,469	426	7,895

**Selected Instructional Technology Equipment**

	<u>Total 1989</u>	<u>Total 1990</u>	<u>Total 1991</u>
Video/Data Projectors	2	6	9
VCRs	24	23	46
Video/Data Monitors	13	22	30
Slide Projectors	3	18	18
Tape Players	0	21	21
Sound Systems	2	6	7
Overhead Projectors	9	14	14
Videodisc Players	12	9	18
Personal Computers	4	5	6
Computer Interfaces	15	9	7
TOTAL	84	133	176

**PC Store System Purchases**

	<u>1989</u>	<u>1990</u>	<u>1991</u>
Students	599	572	655
Faculty	52	64	76
Staff	94	122	123
Departments	501	575	675
TOTAL	1,246	1,333	1,529

**Computers in Public Clusters**

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
IBM RT	65	76	3	1
IBM PC	36	38	23	3
IBM PS/2	1	13	21	27
IBM 6152	21	21	0	0
Mac II	19	36	45	128
Macintosh Plus & SE	132	110	104	73
Sun 3/60	24	22	22	0
DECstation 3100	0	5	106	104
DECstation 5000	0	0	0	20
MicroVAX	5	4	0	0
NeXt	0	0	13	11
TOTAL	303	325	337	367

**CARNEGIE MELLON UNIVERSITY**

**Academic Services Statistics  
Library and Instructional Technology Collections and Resources  
Fiscal Years 1990 and 1991**

<b>Library Holdings</b>	<b>1990</b>	<b>1991</b>
Books, Bound Serials and Government Documents*	767,300	782,797
Current Subscriptions--Periodicals, Newspapers and Government Documents	4,257	4,368
Microforms--Books, Serial Titles, Government Documents	591,700	638,857
Graphic Materials--Art Reproductions (Mounted and Unmounted), Slides*	123,200	124,828
Audio Materials--Cassettes, Phonograph Records, Compact Discs, Tapes	15,000	15,328
Video Materials	1,575	2,177
Machine Readable Materials	385	420
Music Scores	26,071	29,620

\*number of volumes/units

<b>Instructional Technology Use</b>	<b>1990</b>	<b>1991</b>
Photocopies Made in Libraries	1,995,753	2,028,429
Microform Copies Made in Libraries	108,032	79,194
Video Tapes Viewed	13,187	19,112

<b>Number of Visits to the Libraries</b>	<b>1990</b>	<b>1991</b>
Engineering and Science Library	221,229	217,959
Hunt Library	873,199	972,798
Mellon Institute Library	N/A	N/A

**Computerized Library Resources Fiscal Year 1991**

LS/2000 is a computerized catalog and circulation system that provides online access to the majority of the libraries' holdings for books, journals, technical reports, government documents, musical scores, sound recordings and educational software. The LIS contains 15 online databases on a variety of topics.

	<b># Searches Performed Fiscal Year 90</b>	<b># Searches Performed Fiscal Year 91</b>	<b># of Database Records 90</b>	<b># of Database Records 91</b>
LS/2000	632,162	570,070	354,164	386,224
<b>LIS--15 databases: *</b>				
Announcements **	4,319	3,565	1	1
ArchPics	2,637	2,834	4,058	4,058
Bibliographies	2,971	4,170	240	240
Computer Database	18,769	16,711	161,390	187,227
Dictionary	37,224	35,673	83,713	83,713
Encyclopedia	68,262	64,151	44,097	44,704
ICPSR	932	722	1,333	1,333
INSPEC	13,783	25,654	627,414	378,880
Journal List	34,723	49,742	8,396	8,518
Library Catalog	311,734	343,197	354,164	386,224
Magazine Index	63,307	57,844	1,192,163	1,172,210
Management Contents	6,232	6,264	44,533	53,956
Newspaper Index	19,572	18,162	905,836	753,203
Trade & Industry	10,144	10,432	976,040	1,052,628
Who's Who at CMU ***	58,717	60,371	10,605	4,805
<b>TOTAL</b>	<b>653,326</b>	<b>699,492</b>	<b>4,413,983</b>	<b>4,131,700</b>

\* Number of Searches Performed from Oct.89-June 90

\*\* Introduced in May 1989

\*\*\* Introduced in February 1989

## CARNEGIE MELLON UNIVERSITY

### Teaching and Academic Support Additional Facts and Figures

#### Units Taken at PCHE Colleges\* by CMU Students, by Level and College Units Taught to PCHE Students, by College Academic Year 1990-91

Major/College	Units Taken			Units Taught
	Undergraduate	Graduate	Total	
CFA	201	150	351	162
CIT	361	53	414	141
GSIA	0	162	162	156
H&SS	1,127	126	1,253	483
IM	150	0	150	9
MCS	369	18	387	122
SCS	42	48	90	81
SUPA	0	210	210	36
OTHER	0	3	3	278
<b>TOTAL</b>	<b>2,250</b>	<b>770</b>	<b>3,020</b>	<b>1,468</b>

#### \*Pittsburgh Council of Higher Education (PCHE) Colleges:

Allegheny Community College	Duquesne University*	Point Park College*
Carlow College*	La Roche College	Robert Morris College
Chatham College*	Pittsburgh Theological Sem.*	University of Pittsburgh*

\*Units Taken by CMU Students.

#### The University Teaching Center

The University Teaching Center, initiated in January 1982, conducts programs and offers services to improve the quality of teaching at Carnegie Mellon. Most of these programs are conducted by faculty members in conjunction with Center personnel. The programs which are open to anyone teaching at Carnegie Mellon, are as follows.

- Incoming faculty orientation.
- Faculty Luncheon Seminars on Teaching--six to eight each semester.
- Classroom Observation and Feedback
- Videotaping services--providing taping and confidential feedback of classroom teaching
- Assistance to faculty members in obtaining feedback from students.
- Individual consultations about course planning, any aspect of teaching and learning, and/or Faculty Course Evaluations.
- Trouble shooting.
- A publication series on University Teaching.
- Assistance to departments which are developing teaching components of Ph.D. programs.



## **FACULTY AND STAFF**



**CARNEGIE MELLON UNIVERSITY**

**Full Time Employees  
By Division and Job Category  
Fall 1991**

Division	Job Category								TOTAL
	Admin.	Reg. Faculty	Other Instr.	Resrch	Profsnl.	Sec./ Cler.	Tech./ Parap.	Other	
President	3	2.00	0	0	2	5	0	0	12
Provost									
CFA	15	86.50	29	4	1	15	17	1	169
CIT	26	117.45	9	74	4	46	32	7	315
CMRI	32	0.00	0	44	2	22	14	0	114
GSIA	34	62.25	20	3	5	35	6	0	165
H&SS	20	109.50	25	30	13	33	14	0	245
MCS	33	95.30	15	111	17	33	21	4	329
SEI	28	0.00	1	162	13	39	7	2	252
SCS	25	33.00	8	217	3	34	20	1	341
SUPA	15	27.50	6	3	2	19	4	0	77
Academic Subtotal	228	531.50	113	648	60	276	135	15	2,007
Other Provost	10	8.00	6	0	8	11	2	1	46
Provost Subtotal	238	539.5	119	648	68	287	137	16	2,053
VP Academic Services	36	1.50	22	28	53	48	27	0	216
VP Business Affairs & Planning	62	0.00	15	1	63	82	9	94	326
Campus Services	4	0.00	0	0	11	10	0	74	99
VP Development	30	0.00	0	0	5	17	0	0	52
VP Enrollment	62	1.00	15	0	21	54	2	43	198
VP University Relations	11	0.00	2	0	11	20	9	0	53
<b>TOTAL</b>	<b>446</b>	<b>544.00</b>	<b>173</b>	<b>677</b>	<b>234</b>	<b>523</b>	<b>184</b>	<b>227</b>	<b>3,008</b>

Regular faculty headcount is based on contractual joint appointments per hiring department, while all other positions are based on home department.

**CARNEGIE MELLON UNIVERSITY**

**Total Faculty  
By Department, Category, and Status  
Fall 1991**

College	Department	Regular Faculty	Research Faculty	Special Faculty*			TOTAL FACULTY
		Full	Full	Full	Part	Total	
<b>CFA</b>	Architecture	18.50	0.00	8.00	10.00	18.00	36.50
	Art	16.00	0.00	7.00	11.00	18.00	34.00
	Design	14.00	0.00	1.00	8.00	9.00	23.00
	Drama	18.00	0.00	9.00	3.00	12.00	30.00
	Music	20.00	0.00	4.00	65.00	69.00	89.00
	SFCI	0.00	0.00	1.00	0.00	1.00	1.00
	Dean's Ofc.	0.00	0.00	0.00	2.00	2.00	2.00
	<b>TOTAL CFA</b>	<b>86.50</b>	<b>0.00</b>	<b>30.00</b>	<b>99.00</b>	<b>129.00</b>	<b>215.50</b>
<b>CIT</b>	Biomedical E.	1.00	0.00	0.00	1.00	1.00	2.00
	Chemical E.	13.50	1.50	2.00	2.00	4.00	19.00
	Civil E.	15.00	0.00	2.00	0.00	2.00	17.00
	E & C E.	35.20	3.00	6.00	2.00	8.00	46.20
	EPP	9.15	4.00	4.00	1.00	5.00	18.15
	Mechanical E.	24.60	0.00	6.00	0.00	6.00	30.60
	MEMS	18.50	1.00	8.00	1.00	9.00	28.50
	EDRC	0.00	4.50	0.00	0.00	0.00	4.50
	Dean's Ofc.	0.5	0.00	0.00	0.00	0.00	0.50
<b>TOTAL CIT</b>	<b>117.45</b>	<b>14.00</b>	<b>28.00</b>	<b>7.00</b>	<b>35.00</b>	<b>166.45</b>	
<b>CMRI</b>	0.00	1.00	0.00	0.00	0.00	1.00	
<b>GSIA</b>	62.25	0.00	20.00	9.00	29.00	91.25	
<b>H&amp;SS</b>	English	28.50	0.00	0.00	5.00	5.00	33.50
	History	20.25	0.00	3.00	0.00	3.00	23.25
	Mod. Lang.	1.50	0.50	10.00	6.00	16.00	18.00
	Philosophy	11.00	1.00	1.00	2.00	3.00	15.00
	Psychology	21.50	0.50	19.00	2.00	21.00	43.00
	S & D S.	15.75	0.00	0.00	2.00	2.00	17.75
	Statistics	11.00	1.50	2.00	0.00	2.00	14.50
	Dean's Ofc.	0.00	0.50	0.00	0.00	0.00	0.50
	<b>TOTAL H&amp;SS</b>	<b>109.50</b>	<b>4.00</b>	<b>35.00</b>	<b>17.00</b>	<b>52.00</b>	<b>165.50</b>
<b>INI</b>	0.00	0.00	1.00	0.00	1.00	1.00	
<b>MCS</b>	Biology	18.50	1.00	16.80	1.00	17.80	37.30
	Chemistry	18.00	0.00	13.00	2.00	15.00	33.00
	Math	25.00	0.00	13.00	1.00	14.00	39.00
	Physics	33.30	0.00	13.00	0.00	13.00	46.30
	STC	0.00	0.00	7.00	0.00	7.00	7.00
	Dean's Ofc.	0.50	0.00	0.20	0.00	0.20	0.70
	<b>TOTAL MCS</b>	<b>95.30</b>	<b>1.00</b>	<b>63.00</b>	<b>4.00</b>	<b>67.00</b>	<b>163.30</b>
<b>SCS</b>	Comp. Sci.	29.50	22.50	22.00	0.00	22.00	74.00
	Robotics	3.50	15.50	8.00	0.00	8.00	27.00
	CMT	0.00	2.50	1.00	0.00	1.00	3.50
	ITC	0.00	1.50	1.00	0.00	1.00	2.50
<b>TOTAL SCS</b>	<b>33.00</b>	<b>42.00</b>	<b>32.00</b>	<b>0.00</b>	<b>32.00</b>	<b>107.00</b>	
<b>SUPA</b>	27.50	1.00	7.00	18.00	25.00	53.50	
<b>ACADEMIC SUBTOTAL</b>	<b>531.50</b>	<b>63.00</b>	<b>216.00</b>	<b>154.00</b>	<b>370.00</b>	<b>964.50</b>	
<b>ADMINISTRATIVE</b>	12.50	2.00	4.00	4.00	0.00	14.50	
<b>TOTAL</b>	<b>544.00</b>	<b>65.00</b>	<b>220.00</b>	<b>158.00</b>	<b>370.00</b>	<b>979.00</b>	

\*Includes special teaching, special research and visiting faculty.



**CARNEGIE MELLON UNIVERSITY**

**Full Time Regular Faculty  
By Rank and Department  
Fall Semester 1991**

		<b>Professor</b>					
		<b>University</b>	<b>Full</b>	<b>Assoc.</b>	<b>Assist.</b>	<b>Instruct.</b>	<b>TOTAL</b>
<b>College</b>	<b>Department</b>						
<b>CFA</b>	Architecture	0.00	7.50	6.00	4.00	1.00	18.50
	Art	0.00	7.00	8.00	1.00	0.00	16.00
	Design	0.00	3.00	8.00	3.00	0.00	14.00
	Drama	0.00	6.00	4.00	8.00	0.00	18.00
	Music	1.00	4.00	12.00	3.00	0.00	20.00
	<b>TOTAL CFA</b>	1.00	27.50	38.00	19.00	1.00	86.50
	<b>CIT</b>	Biomedical E.	0.00	1.00	0.00	0.00	0.00
Chemical E.		0.00	9.50	2.00	2.00	0.00	13.50
Civil E.		1.00	8.00	2.00	4.00	0.00	15.00
E & C E.		0.50	19.70	8.00	7.00	0.00	35.20
EPP		0.00	6.65	1.50	1.00	0.00	9.15
Mechanical E.		0.00	11.10	5.00	7.50	1.00	24.60
MEMS		1.00	10.50	2.00	5.00	0.00	18.50
Dean's Ofc.		0.00	0.50	0.00	0.00	0.00	0.50
<b>TOTAL CIT</b>		2.50	66.95	20.50	26.50	1.00	117.45
<b>GSIA</b>		3.00	22.25	15.00	21.00	1.00	62.25
<b>H&amp;SS</b>	English	0.00	10.50	11.00	6.00	1.00	28.50
	History	0.00	9.75	7.50	3.00	0.00	20.25
	Mod. Lang.	0.00	1.50	0.00	0.00	0.00	1.50
	Philosophy	0.00	4.00	3.00	4.00	0.00	11.00
	Psychology	1.00	11.00	5.50	4.00	0.00	21.50
	S & D S.	0.50	4.75	6.00	4.50	0.00	15.75
	Statistics	0.00	4.00	3.00	4.00	0.00	11.00
	<b>TOTAL H&amp;SS</b>	1.50	45.50	36.00	25.50	1.00	109.50
<b>MCS</b>	Biology	0.00	7.50	6.00	5.00	0.00	18.50
	Chemistry	0.00	10.00	6.00	2.00	0.00	18.00
	Math	0.50	17.50	3.00	4.00	0.00	25.00
	Physics	1.50	21.80	6.00	4.00	0.00	33.30
	Dean's Ofc.	0.00	0.50	0.00	0.00	0.00	0.50
	<b>TOTAL MCS</b>	2.00	57.30	21.00	15.00	0.00	95.30
<b>SCS</b>	Comput. Sci.	2.50	9.00	9.50	8.50	0.00	29.50
	Robotics	1.00	0.50	1.50	0.50	0.00	3.50
	<b>TOTAL SCS</b>	3.50	9.50	11.00	9.00	0.00	33.00
<b>SUPA</b>		0.50	6.00	6.00	15.00	0.00	27.50
<b>ACADEMIC SUBTOTAL</b>		14.00	235.00	147.50	131.00	4.00	531.50
<b>ADMINISTRATIVE</b>		0.00	12.50	0.00	0.00	0.00	12.50
<b>TOTAL</b>		14.00	247.50	147.50	131.00	4.00	544.00

**CARNEGIE MELLON UNIVERSITY**

**Full-Time Regular Faculty  
By Tenure Status and Department  
Fall Semester 1991**

College		Tenured	Tenure Stream	Instructors	TOTAL
Department					
<b>CFA</b>	Architecture	7.50	10.00	1.00	18.50
	Art	12.00	4.00	0.00	16.00
	Design	5.00	9.00	0.00	14.00
	Drama	6.00	12.00	0.00	18.00
	Music	7.00	13.00	0.00	20.00
	<b>TOTAL CFA</b>	<b>37.50</b>	<b>48.00</b>	<b>1.00</b>	<b>86.50</b>
<b>CIT</b>	Biomedical E.	1.00	0.00	0.00	1.00
	Chemical E.	9.50	4.00	0.00	13.50
	Civil E.	9.00	6.00	0.00	15.00
	E & C E.	21.20	14.00	0.00	35.20
	EPP	5.65	3.50	0.00	9.15
	Mechanical E.	11.10	12.50	1.00	24.60
	Dean's Ofc.	11.5	7.00	0.00	18.50
	<b>MEMS</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.50</b>
<b>TOTAL CIT</b>	<b>69.45</b>	<b>47.00</b>	<b>1.00</b>	<b>117.45</b>	
<b>GSIA</b>	<b>30.25</b>	<b>31.00</b>	<b>1.00</b>	<b>62.25</b>	
<b>H&amp;SS</b>	English	15.50	12.00	1.00	28.50
	History	12.75	7.50	0.00	20.25
	Mod. Lang.	1.50	0.00	0.00	1.50
	Philosophy	6.00	5.00	0.00	11.00
	Psychology	15.50	6.00	0.00	21.50
	S & D S.	6.25	9.50	0.00	15.75
	Statistics	5.00	6.00	0.00	11.00
	<b>TOTAL H&amp;SS</b>	<b>62.50</b>	<b>46.00</b>	<b>1.00</b>	<b>109.50</b>
<b>MCS</b>	Biology	13.50	5.00	0.00	18.50
	Chemistry	15.00	3.00	0.00	18.00
	Math	18.00	7.00	0.00	25.00
	Physics	25.30	8.00	0.00	33.30
	Dean's Ofc.	0.50	0.00	0.00	0.50
	<b>TOTAL MCS</b>	<b>72.30</b>	<b>23.00</b>	<b>0.00</b>	<b>95.30</b>
<b>SCS</b>	Comp. Sci.	15.50	14.00	0.00	29.50
	Robotics	2.50	1.00	0.00	3.50
	<b>TOTAL SCS</b>	<b>18.00</b>	<b>15.00</b>	<b>0.00</b>	<b>33.00</b>
<b>SUPA</b>	<b>8.50</b>	<b>19.00</b>	<b>0.00</b>	<b>27.50</b>	
<b>ACADEMIC SUBTOTAL</b>		<b>298.50</b>	<b>229.00</b>	<b>4.00</b>	<b>531.50</b>
<b>ADMINISTRATIVE</b>		<b>12.50</b>	<b>0.00</b>	<b>0.00</b>	<b>12.50</b>
<b>TOTAL</b>		<b>311.00</b>	<b>229.00</b>	<b>4.00</b>	<b>544.00</b>

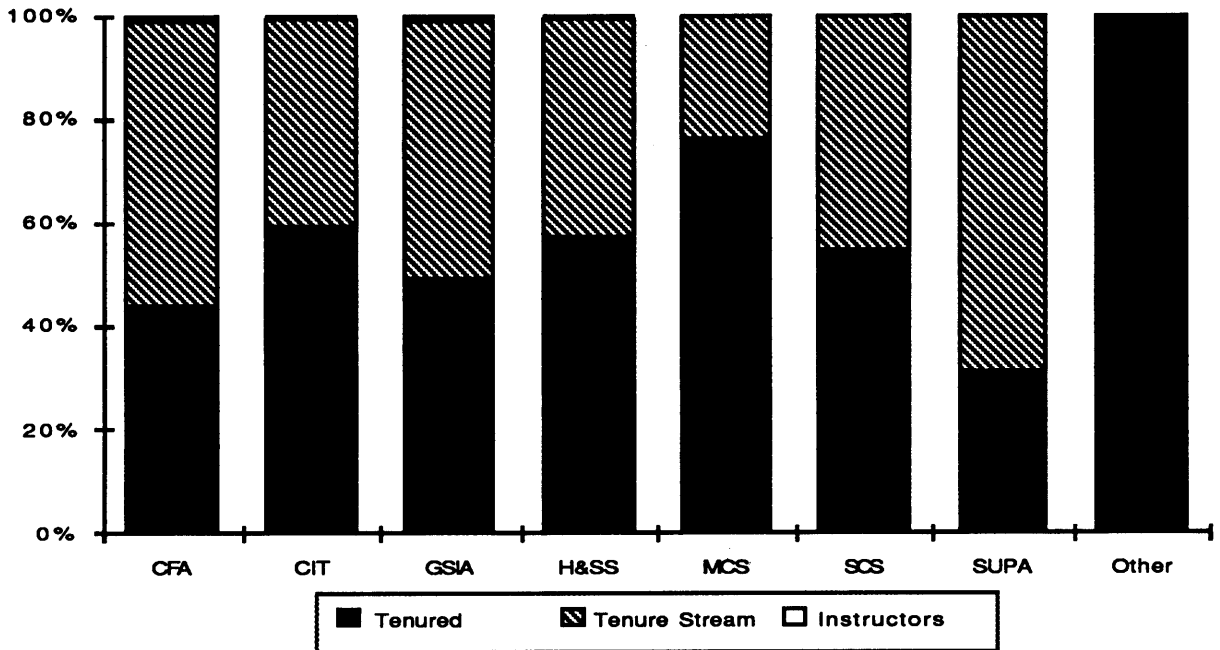
**CARNEGIE MELLON UNIVERSITY**

**Full Time Regular Faculty  
By Tenure Status and College  
Fall Semesters 1987 to 1991**

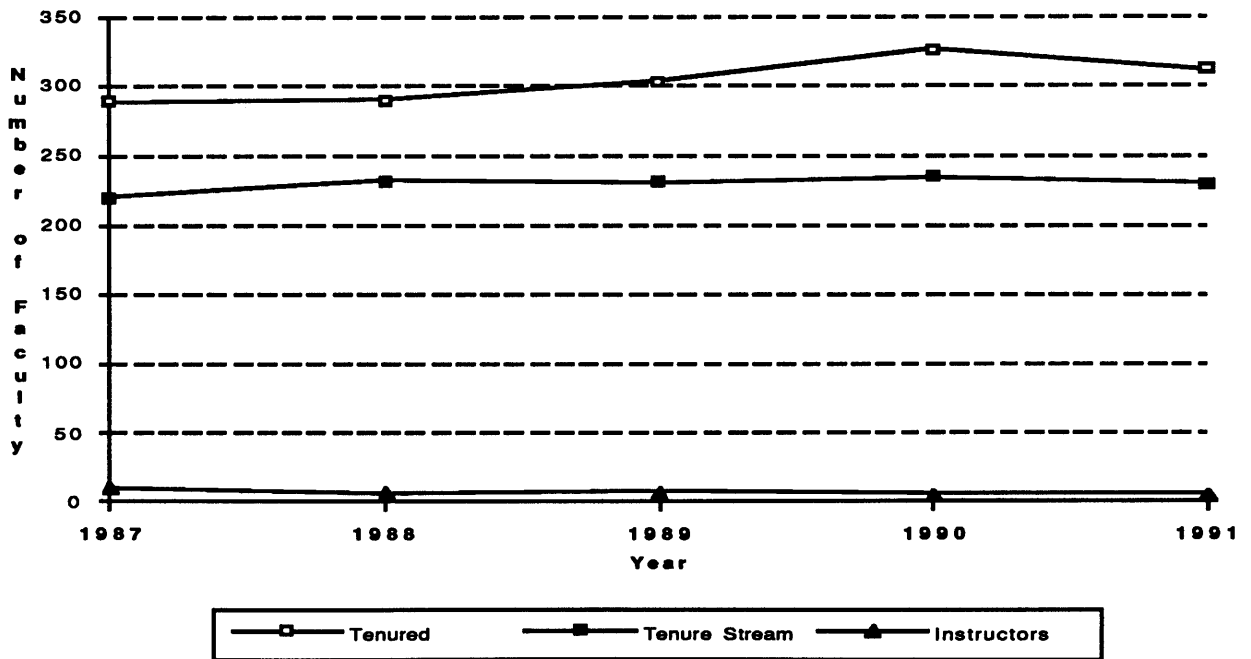
<b>College</b>	<b>Tenure Status</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>
<b>CFA</b>	Tenured	38.50	39.50	41.50	41.50	37.50
	Tenure Stream	45.00	49.00	46.00	49.00	48.00
	Instructors	5.00	2.00	3.54	1.30	1.00
	<b>Total</b>	<b>88.50</b>	<b>90.50</b>	<b>91.04</b>	<b>91.80</b>	<b>86.50</b>
<b>CIT</b>	Tenured	57.95	59.95	60.45	69.95	69.45
	Tenure Stream	42.50	49.00	51.00	49.50	47.00
	Instructors	0.00	0.00	0.00	0.00	1.00
	<b>Total</b>	<b>100.45</b>	<b>108.95</b>	<b>111.45</b>	<b>119.45</b>	<b>117.45</b>
<b>GSIA</b>	Tenured	25.42	27.42	28.42	30.42	30.25
	Tenure Stream	34.50	39.50	39.00	35.00	31.00
	Instructors	4.00	2.00	3.00	1.00	1.00
	<b>Total</b>	<b>63.92</b>	<b>68.92</b>	<b>70.42</b>	<b>66.42</b>	<b>62.25</b>
<b>H&amp;SS</b>	Tenured	62.50	58.75	63.75	65.25	62.50
	Tenure Stream	42.75	39.00	36.50	41.00	46.00
	Instructors	0.00	0.00	0.00	0.00	1.00
	<b>Total</b>	<b>105.25</b>	<b>97.75</b>	<b>100.25</b>	<b>106.25</b>	<b>109.50</b>
<b>MCS</b>	Tenured	69.55	70.30	70.30	74.30	72.30
	Tenure Stream	24.00	22.00	26.00	25.00	23.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>93.55</b>	<b>92.30</b>	<b>96.30</b>	<b>99.30</b>	<b>95.30</b>
<b>SCS</b>	Tenured	13.70	16.50	15.50	19.50	18.00
	Tenure Stream	17.50	18.50	20.50	20.00	15.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>31.20</b>	<b>35.00</b>	<b>36.00</b>	<b>39.50</b>	<b>33.00</b>
<b>SUPA</b>	Tenured	7.33	7.58	10.08	10.58	8.50
	Tenure Stream	12.50	14.00	11.00	14.50	19.00
	Instructors	0.00	1.00	0.46	1.70	0.00
	<b>Total</b>	<b>19.83</b>	<b>22.58</b>	<b>21.54</b>	<b>26.78</b>	<b>27.50</b>
<b>ACADEMIC SUBTOTAL</b>						
	Tenured	274.95	280.00	290.00	311.50	298.50
	Tenure Stream	218.75	231.00	230.00	234.00	229.00
	Instructors	9.00	5.00	7.00	4.00	4.00
	<b>Total</b>	<b>502.70</b>	<b>516.00</b>	<b>527.00</b>	<b>549.50</b>	<b>531.50</b>
<b>ADMINISTRATIVE</b>						
	Tenured	13.05	10.00	12.00	13.50	12.50
	Tenure Stream	1.25	1.00	1.00	0.00	0.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>14.30</b>	<b>11.00</b>	<b>13.00</b>	<b>13.50</b>	<b>12.50</b>
<b>CMU</b>	Tenured	288.00	290.00	302.00	325.00	311.00
	Tenure Stream	220.00	232.00	231.00	234.00	229.00
	Instructors	9.00	5.00	7.00	4.00	4.00
	<b>Total</b>	<b>517.00</b>	<b>527.00</b>	<b>540.00</b>	<b>563.00</b>	<b>544.00</b>

**CARNEGIE MELLON UNIVERSITY**

**Full-Time Regular Faculty  
By Tenure Status and College  
Fall Semester 1991**

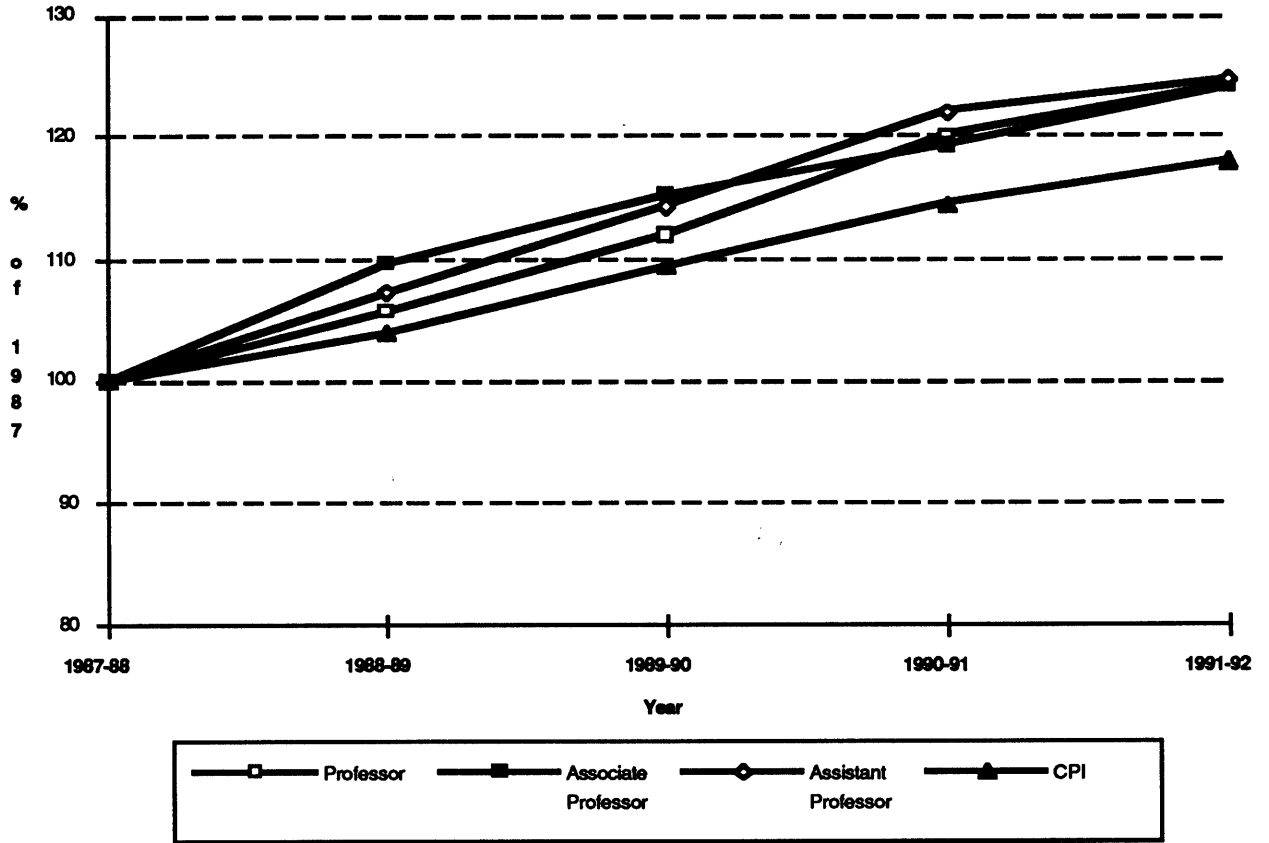


**Full-Time Regular Faculty  
By Tenure Status  
Fall Semester 1987 to 1991**



**CARNEGIE MELLON UNIVERSITY**

**Faculty Salaries Indexed Growth  
Full-Time Regular Faculty  
Academic Years 1987-88 to 1991-92**



**Average Faculty Salaries  
Full-Time Regular Faculty  
Academic Years 1987-88 to 1991-92**

	1987-88	1988-89	1989-90	1990-91	1991-92
Professor	\$63,400	\$67,026	\$70,900	\$76,100	\$78,851
Associate Professor	42,800	46,900	49,300	51,100	53,115
Assistant Professor	37,800	40,500	43,200	46,100	47,161

# CARNEGIE MELLON UNIVERSITY

## Regular Faculty Additional Facts and Figures

### Distribution by Sex, Race and Age Fall 1987 to 1991

	1987	1988	1989	1990	1991
<b>Percent of Faculty by Sex</b>					
Male	86%	86%	84%	85%	85%
Female	14%	14%	16%	15%	15%
<b>Percent of Faculty by Race</b>					
Asian	2%	3%	3%	4%	3%
Black	1%	1%	1%	1%	1%
Hispanic	1%	1%	1%	1%	1%
White	81%	79%	77%	77%	77%
Non-U.W. Citizen	15%	16%	18%	17%	18%
<b>Percent of Faculty by Age</b>					
Under 30	4%	3%	3%	4%	4%
30 to 39	40%	40%	39%	36%	34%
40 to 49	29%	29%	29%	31%	31%
50 to 59	11%	17%	18%	17%	19%
60 and Over	11%	11%	11%	12%	12%

### Top Ten Institutions Granting Degrees to Faculty Fall 1991

Carnegie Mellon University	University of Michigan, Ann Arbor
Massachusetts Institute of Technology	Harvard University
Stanford University	Cornell University
University of California, Berkeley	University of Minnesota
Yale University	University of Pittsburgh

49% of the Regular Faculty received degrees from the above institutions.

91% of the Regular Faculty hold a Ph.D. or terminal degree.

### Average Faculty Salaries by Rank, Fall 1990 Percent Change in Faculty Salaries By Rank, Fall 1985 to Fall 1990

	Prof.		Assoc.		Asst.	
	\$	% Δ	\$	% Δ	\$	% Δ
Carnegie Mellon	\$76,100 (7)*	36 (11)*	\$51,100 (5)*	35(12)*	\$46,100 (5)*	38 (8)*
Harvard	89,600	36	50,000	39	46,900	50
Stanford	83,300	32	59,300	37	46,900	35
Yale	82,300	37	49,100	35	38,900	36
MIT	79,800	37	56,800	37	46,800	41
U. of Pennsylvania	77,400	38	55,200	38	46,400	41
U. of CA, Berkeley	76,500	29	50,400	32	41,200	24
Northwestern	73,700	39	51,100	44	44,200	39
Cornell	71,500	32	49,300	28	43,500	41
Rice	71,500	40	48,100	29	40,400	36
U. of Michigan	70,700	36	52,100	36	43,800	36
Lehigh	70,300	44	51,000	43	42,900	51
RPI	69,400	32	50,100	32	43,400	36
Washington U.	68,300	41	48,300	38	41,200	46
Purdue	66,900	39	46,000	35	38,700	37
Case Western	65,100	35	46,200	29	39,300	30
U. of Wisconsin	61,200	37	44,400	35	39,400	34

\* CMU Rank

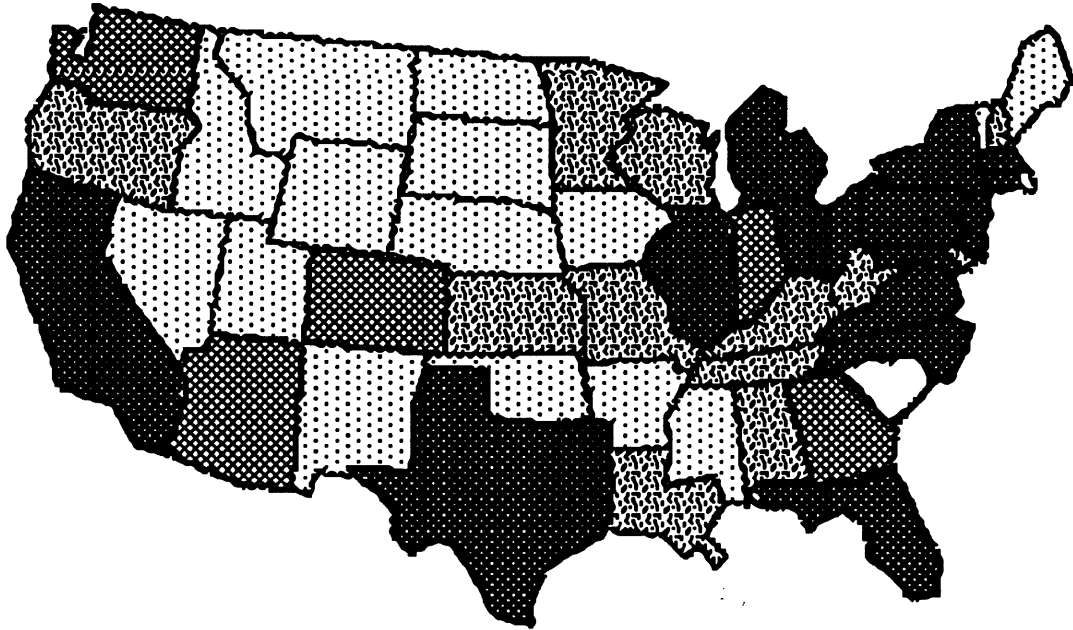
**ALUMNI**





**CARNEGIE MELLON UNIVERSITY**

**Active Alumni  
By Region and State  
As of October 1991**



Region / State	Region / State	Region / State	Region / State
<b>New England</b>	<b>South</b>	<b>Midwest</b>	<b>West</b>
Connecticut 970	Alabama 123	Illinois 1,102	Alaska 24
Maine 110	Florida 1,701	Indiana 350	Arizona 360
Massachusetts 1,642	Georgia 434	Iowa 62	California 4,120
New Hampshire 191	Kentucky 156	Kansas 110	Colorado 405
Rhode Island 96	Louisiana 127	Michigan 810	Hawaii 66
Vermont 97	Mississippi 36	Minnesota 256	Idaho 59
TOTAL 3,106	North Carolina 680	Missouri 252	Montana 16
Percent of Total 7%	South Carolina 293	Nebraska 29	Nevada 58
	Tennessee 260	North Dakota 6	Oregon 208
<b>Middle States</b>	Virginia 1,398	Ohio 2,289	Utah 54
Delaware 255	TOTAL 5,208	South Dakota 15	Washington 396
District of Columbia 331	Percent of Total 11%	West Virginia 269	Wyoming 20
Maryland 1,710	<b>Southwest</b>	Wisconsin 238	TOTAL 5,786
New Jersey 2,077	Arkansas 41	TOTAL 5,788	Percent of Total 13%
New York 3,901	New Mexico 163	U.S. Territories 28	
Pennsylvania 14,427	Oklahoma 84	Unknown 48	
TOTAL 22,701	Texas 1,088		
Percent of Total 50%	TOTAL 1,376		
	Percent of Total 3%		
			<b>U.S. TOTAL 44,041</b>
			Percent of Total 97%
			<b>Foreign Countries 1,563</b>
			<b>TOTAL 45,604</b>

## CARNEGIE MELLON UNIVERSITY

### Active Alumni Additional Facts and Figures As of October 1991

#### Active Alumni by Major U.S. Cities

Greater Pittsburgh Area*	11,699	Akron	556
Metro New York**	4,389	Houston	484
Washington, D.C.	2,133	Harrisburg	453
Los Angeles	1,901	Atlanta	433
San Francisco	1,766	Denver	407
Boston	1,519	Dallas	385
Philadelphia	1,380	Phoenix	365
Baltimore	935	Fort Lauderdale	357
Chicago	911	San Diego	308
Cleveland	757	Columbus	300
Princeton	731	Cincinnati	279
Hartford	608	Seattle	271
Detroit	587	Buffalo	239
		Minneapolis/St. Paul	227

\* Included Altoona, Beaver County, Westmoreland County and Metro Pittsburgh area.

\*\* Includes Long Island, Fairfield/Westchester and North New Jersey

#### Active Alumni by College

CFA	8,152	Margaret Morrison	4,199
CIT	16,203	MCS	5,529
GSIA	2,869	Printing Management	764
H&SS	3,823	SCS	61
IM	1,903	SUPA	1,343
Industries	274	Unspecified	4
Libraries	480		
		<b>Total</b>	<b>45,604</b>

#### Active Alumni by Class Year in Decades

1909 - 1919	71	1960 - 1969	7,331
1920 - 1929	772	1970 - 1979	8,693
1930 - 1939	2,657	1980 - 1989	12,584
1940 - 1949	4,469	1990 - 1991	2,653
1950 - 1959	6,374		
		<b>Total</b>	<b>45,604</b>

# FINANCES



**CARNEGIE MELLON UNIVERSITY**

**Tuition and Fees  
Academic Years 1987-88 to 1991-92**

	<b>1987-88</b>	<b>1988-89</b>	<b>1989-90</b>	<b>1990-91</b>	<b>1991-92</b>
<b>Undergraduate Tuition</b>	\$11,100	\$12,000	\$13,000	\$14,000	\$15,250
<b>Graduate Tuition</b>					
CFA	\$11,200	\$12,000	\$12,000	\$12,000	\$12,000
CIT	11,850	12,750	13,750	14,750	16,000
GSIA	12,648	13,566	15,200	16,500	17,600
H&SS	11,200	12,000	12,000	14,000	15,250
INI*				29,500	32,000
MCS	11,500	12,300	13,000	14,000	15,250
SCS	11,850	12,750	13,750	14,750	16,000
SUPA	11,900	12,400	13,400	14,200	15,000
* Tuition is for a 14 month program.					
<b>Student Activities Fee</b>	\$60	\$80	\$80	\$90	\$100

**Room and Board  
Academic Years 1987-88 to 1991-92**

	<b>1987-88</b>	<b>1988-89</b>	<b>1989-90</b>	<b>1990-91</b>	<b>1991-92</b>
<b>Average Room</b> (Standard Double)	\$2,280	\$2,440	\$2,610	\$2,800	\$3,010
<b>Average Board</b> (19 Meals/Week)	\$1,548	\$1,650	\$1,832	\$2,006	\$2,126

**Total Estimated Cost of Attending CMU  
Academic Years 1987-88 to 1991-92**

	<b>1987-88</b>	<b>1988-89</b>	<b>1989-90</b>	<b>1990-91</b>	<b>1991-92</b>
<b>Resident</b>	\$16,300	\$17,650	\$18,800	\$20,200	\$21,910
<b>Commuter</b>	\$13,150	\$14,350	\$15,300	\$16,300	\$18,050

Cost includes: tuition and activities fee, books and supplies, incidentals, room and board for residents and lunches and transportation for commuters.

Undergraduate tuition for 1992-93 has been set at \$16,000.

**CARNEGIE MELLON UNIVERSITY**

**Current Funds Revenues, Expenditures, and Transfers  
Fiscal Years 1987 to 1991  
(Dollars in Thousands)**

**Current Funds Revenues**

	1987	1988	1989	1990	1991
<b>Revenues</b>					
Tuition and Fees	\$70,096	\$71,899	\$78,884	\$87,994	\$95,731
Endowment Distribution	12,181	12,628	14,422	\$15,429	\$15,363
Current Fund Investments/Earnings	6,146	6,707	3,660	\$3,631	\$3,198
Gifts & Grants	14,694	16,115	13,773	\$15,864	\$16,964
Sponsored Research	96,306	111,066	120,692	\$122,613	\$127,829
Auxiliary Services	18,700	20,491	21,988	\$23,358	\$25,123
Miscellaneous Income	10,738	11,836	14,620	\$13,191	\$18,392
<b>TOTAL REVENUES</b>	<b>\$228,861</b>	<b>\$250,742</b>	<b>\$268,039</b>	<b>\$282,080</b>	<b>\$302,600</b>

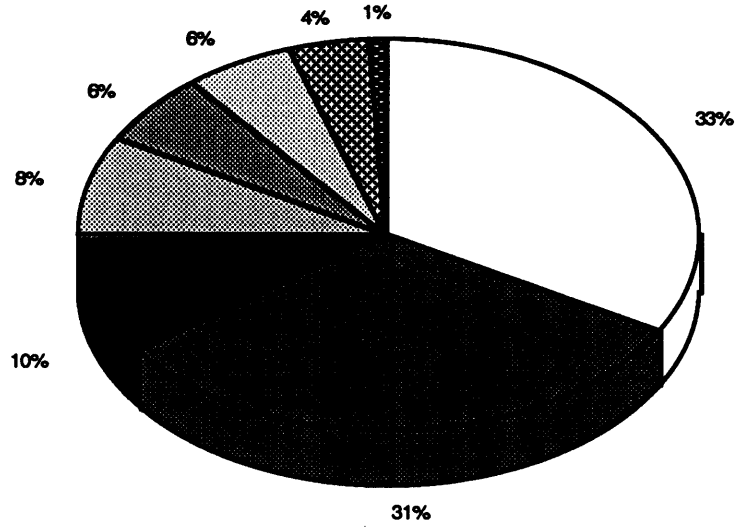
**Current Funds Expenditures and Transfers**

	1987	1988	1989	1990	1991
<b>Expenditures (by Functions)</b>					
Instruction & Department Research	\$59,946	\$62,549	\$71,294	\$81,305	\$89,908
Academic Support	11,212	12,918	12,676	\$14,338	\$15,112
Sponsored Research	74,264	86,034	93,554	\$94,163	\$98,744
Student Aid	13,430	14,349	15,744	\$17,574	\$18,403
Libraries	3,197	3,607	3,969	\$4,912	\$4,213
Campus Operation	5,412	5,794	6,147	\$7,622	\$6,953
Utilities	4,575	4,692	5,178	\$5,624	\$5,468
Administration	9,077	9,520	10,592	\$11,150	\$11,934
Student Services	5,432	6,096	6,658	\$7,326	\$8,193
General Institutional	2,018	2,479	4,495	\$6,653	\$7,559
Auxiliary Services	18,976	20,566	22,198	\$23,361	\$25,732
<b>TOTAL</b>	<b>\$207,539</b>	<b>\$228,604</b>	<b>\$252,505</b>	<b>\$274,028</b>	<b>\$292,219</b>
<b>Transfers</b>					
Capital	\$17,253	\$18,120	\$14,571	\$9,859	\$8,616
Other	\$13,681	(\$266)	(\$949)	(\$658)	\$278
<b>TOTAL</b>	<b>\$30,934</b>	<b>\$17,854</b>	<b>\$13,622</b>	<b>\$9,201</b>	<b>\$8,894</b>
<b>TOTAL EXPENDITURES and TRANSFERS</b>	<b>\$238,473</b>	<b>\$246,458</b>	<b>\$266,127</b>	<b>\$283,229</b>	<b>\$301,113</b>

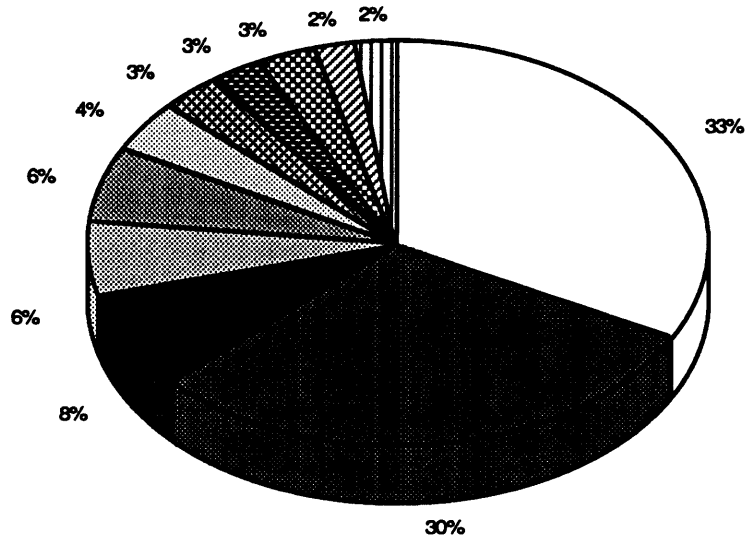
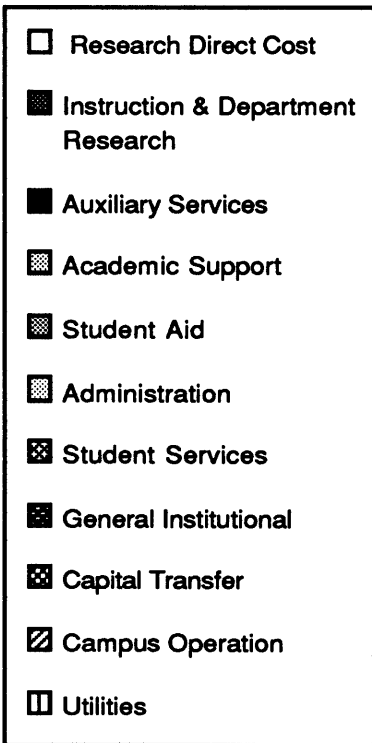
Prior years have been adjusted to conform to fiscal year 1991 accounting changes.

**CARNEGIE MELLON UNIVERSITY**

**Distribution of Current Funds Revenues**  
**Fiscal Year 1991**  
 (Total = \$302,600,000)



**Distribution of Current Funds Expenditures and Transfers**  
**Fiscal Year 1991**  
 (Total = \$301,113,000)



**CARNEGIE MELLON UNIVERSITY**

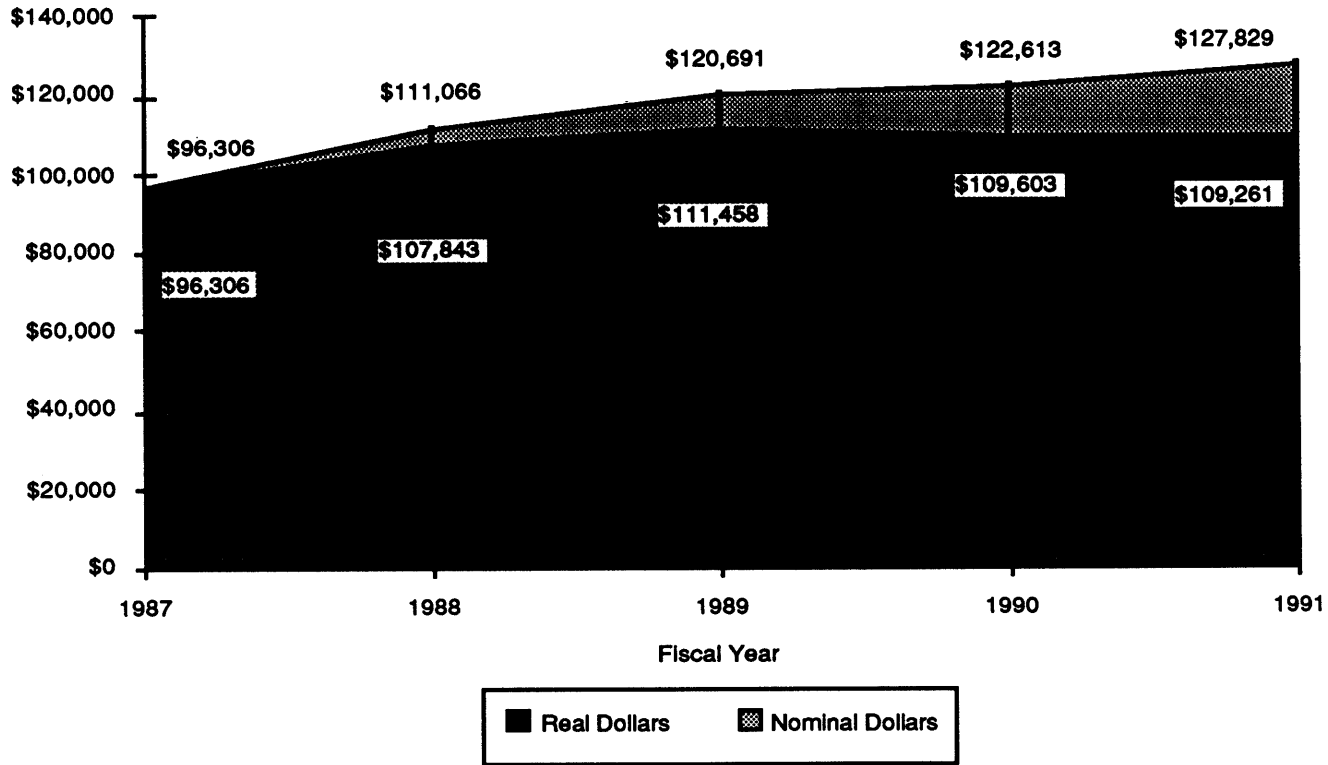
**Total Sponsored Research Costs  
by College and Research Center  
Fiscal Years 1987 to 1991  
(Dollars in Thousands)**

	1987	1988	1989	1990	1991
<b>Direct Costs</b>					
CIT	\$14,088	\$16,029	\$16,947	\$16,066	\$16,999
CFA	329	238	306	571	766
H&SS	4,504	4,814	4,953	5,266	5,052
MCS	10,399	13,273	13,694	15,306	15,397
SCS	22,898	24,740	29,277	26,505	26,455
GSIA	554	585	689	546	1,053
SUPA	434	347	466	626	735
CMRI	6,069	5,702	5,462	6,012	6,881
SEI	12,597	17,809	19,337	21,978	24,914
WPATC	1,471	1,826	1,748	548	0
Other	921	671	676	739	492
<b>TOTAL</b>	<b>\$74,264</b>	<b>\$86,034</b>	<b>\$93,554</b>	<b>\$94,163</b>	<b>\$98,744</b>
<b>Indirect Costs</b>					
CIT	\$4,951	\$5,584	\$5,853	\$6,123	\$6,127
CFA	145	95	86	149	139
H&SS	1,308	1,641	1,510	1,638	1,577
MCS	3,253	4,336	5,065	4,981	5,527
SCS	8,468	9,015	9,973	9,578	9,619
GSIA	315	268	333	245	489
SUPA	83	127	185	245	252
CMRI	2,239	2,337	2,433	2,856	3,035
SEI	1,158	1,502	1,563	2,316	2,225
WPATC	0	0	0	0	0
Other	122	126	136	319	95
<b>TOTAL</b>	<b>\$22,042</b>	<b>\$25,031</b>	<b>\$27,137</b>	<b>\$28,450</b>	<b>\$29,085</b>
<b>Total Sponsored Research Costs</b>					
CIT	\$19,039	\$21,613	\$22,800	\$22,189	\$23,126
CFA	474	333	392	720	905
H&SS	5,812	6,455	6,463	6,904	6,629
MCS	13,652	17,609	18,759	20,287	20,924
SCS	31,366	33,755	39,249	36,083	36,074
GSIA	869	853	1,022	791	1,542
SUPA	517	474	652	871	987
CMRI	8,308	8,039	7,894	8,868	9,916
SEI	13,755	19,311	20,900	24,294	27,139
WPATC	1,471	1,826	1,748	548	0
Other	1,043	797	812	1,058	587
<b>TOTAL</b>	<b>\$96,306</b>	<b>\$111,065</b>	<b>\$120,691</b>	<b>\$122,613</b>	<b>\$127,829</b>



**CARNEGIE MELLON UNIVERSITY**

**Sponsored Research Costs  
Real versus Nominal Growth  
Fiscal Years 1987 to 1991  
(Dollars in Thousands)**



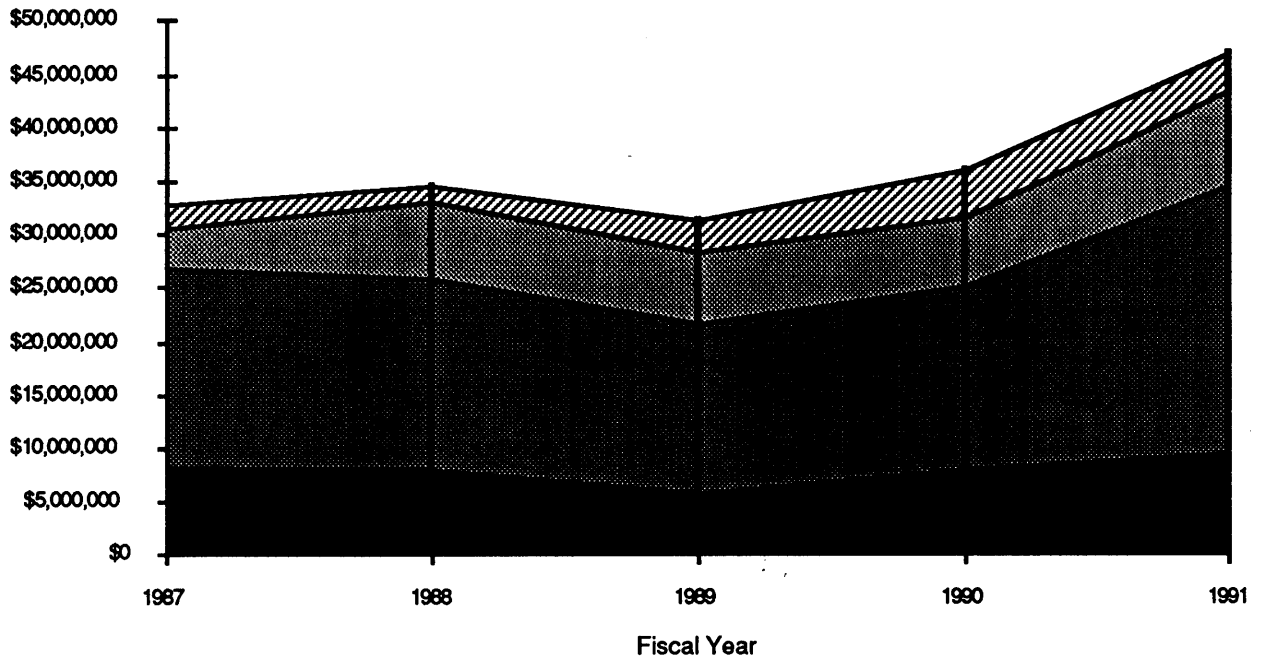
**Total Sponsored Research Costs by Agency  
Fiscal Years 1987 to 1991**

	1987	1988	1989	1990	1991
<b>Federal</b>					
Defense	\$39,876,261	\$47,300,997	\$51,591,526	\$54,882,486	\$54,309,793
National Science Foundation	15,153,898	19,007,709	18,064,424	20,269,542	21,070,932
Health & Human Services	6,648,486	8,767,297	7,671,592	7,230,473	7,805,456
Energy	3,343,418	3,753,054	4,114,278	4,247,083	3,876,166
Other Federal	2,549,617	3,489,823	4,537,403	2,213,786	5,383,455
<b>TOTAL</b>	<b>\$67,571,680</b>	<b>\$82,318,880</b>	<b>\$85,979,223</b>	<b>\$88,843,370</b>	<b>\$92,445,802</b>
<b>Non-Federal</b>					
Industrial	\$16,211,340	\$17,100,589	\$18,943,891	\$20,139,928	\$20,382,774
Other Non-Federal	12,522,544	11,646,452	15,768,230	13,630,005	14,999,978
<b>TOTAL</b>	<b>\$28,733,884</b>	<b>\$28,747,041</b>	<b>\$34,712,121</b>	<b>\$33,769,933</b>	<b>\$35,382,752</b>
<b>TOTAL</b>	<b>\$96,305,564</b>	<b>\$111,065,921</b>	<b>\$120,691,344</b>	<b>\$122,613,303</b>	<b>\$127,828,554</b>

Real dollars calculated using the 2nd quarter implicit price deflator with 1987 as the base year.

**CARNEGIE MELLON UNIVERSITY**

**Total Giving  
By Source  
Fiscal Years 1987 to 1991**



**Voluntary Support  
By Source and Purpose  
Fiscal Years 1987 to 1991**

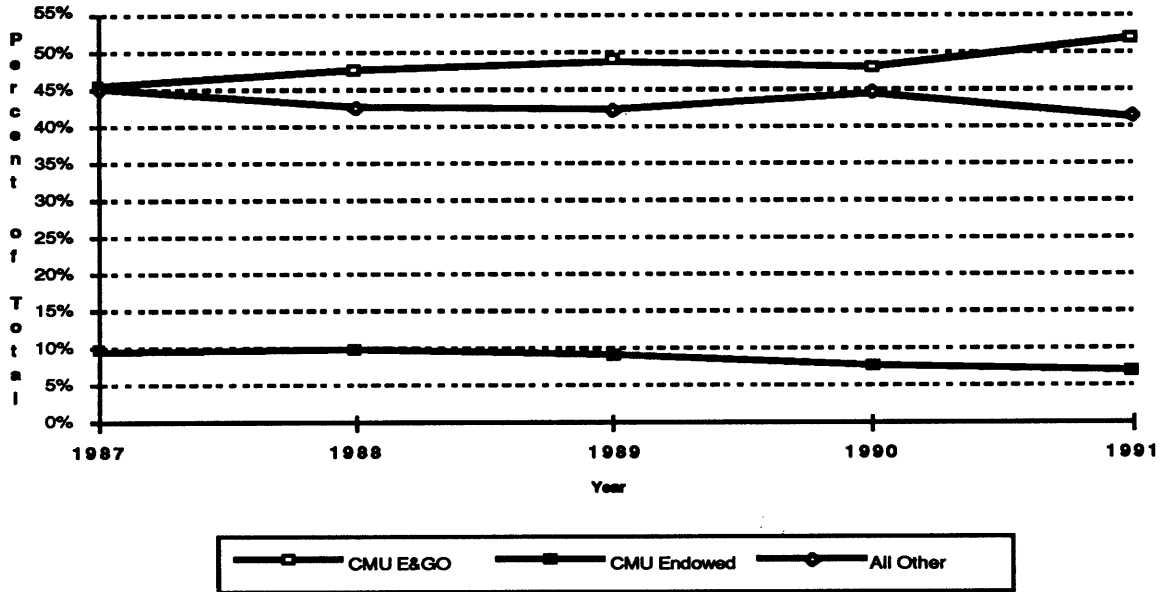
	1987	1988	1989	1990	1991
<b>Current Operations</b>					
Alumni	\$1,876,097	\$1,921,594	\$2,339,210	N/A	\$4,366,563
Other Individuals	842,186	806,762	1,193,421	N/A	1,329,170
Foundations & Other	2,802,792	5,850,080	6,120,168	N/A	5,433,231
Corporations	5,513,094	4,911,391	4,042,599	N/A	4,390,435
<b>TOTAL</b>	<b>\$11,034,169</b>	<b>\$13,489,827</b>	<b>\$13,695,398</b>	<b>\$12,424,910</b>	<b>\$15,519,399</b>
<b>Capital</b>					
Alumni	\$6,466,320	\$6,120,059	\$3,419,150	N/A	\$5,178,961
Other Individuals	1,513,895	513,822	1,657,045	N/A	1,994,553
Foundations & Other	973,300	1,444,467	682,673	N/A	3,660,000
Corporations	12,879,100	12,909,517	11,769,657	N/A	20,511,037
<b>TOTAL</b>	<b>\$21,832,615</b>	<b>\$20,987,865</b>	<b>\$17,528,525</b>	<b>\$23,694,860</b>	<b>\$31,344,551</b>
<b>Total Giving</b>					
Alumni	\$8,342,417	\$8,041,653	\$5,758,360	\$8,155,695	\$9,545,524
Other Individuals	2,356,081	1,320,584	2,850,466	4,630,389	3,323,723
Foundations & Other	3,776,092	7,294,547	6,802,841	6,341,151	9,093,231
Corporations	18,392,194	17,820,908	15,812,256	16,992,535	24,901,472
<b>TOTAL</b>	<b>\$32,866,784</b>	<b>\$34,477,692</b>	<b>\$31,223,923</b>	<b>\$36,119,770</b>	<b>\$46,863,950</b>

N/A - Not Available

Source: Survey of Voluntary Support of Education, Council for Financial Aid to Education

**CARNEGIE MELLON UNIVERSITY**

**Undergraduate Scholarships and Grants  
By Source, Percent of Total  
Fiscal Years 1987 to 1991**



\*All other includes Federal, State and Other Grant Resources

**Undergraduate Financial Aid Resources  
By Source  
Fiscal Years 1987 to 1991  
(Dollars In Thousands)**

	1987	1988	1989	1990	1991
<b>Scholarships &amp; Grants</b>					
Federal - PELL	\$726	\$801	\$1,041	\$1,085	\$1,018
Federal - SEOG	1,641	1,641	1,471	1,677	1,684
State - PHEAA	1,223	1,198	1,301	1,434	1,462
Other State Grants	175	159	165	153	114
CMU E&GO	6,777	7,542	8,325	9,785	11,000
CMU Endowed	1,440	1,559	1,538	1,547	1,463
CMU Gifts and Grants	342	280	311	289	312
ROTC	954	975	1,257	1,901	2,255
Other Grant Resources	1,706	1,694	1,654	2,596	1,941
<b>TOTAL</b>	<b>\$14,984</b>	<b>\$15,849</b>	<b>\$17,063</b>	<b>\$20,467</b>	<b>\$21,249</b>
<b>Self-Help</b>					
Workstudy	\$1,932	\$1,938	\$1,691	\$1,713	\$1,438
Loans	8,528	8,716	7,908	9,150	7,610
<b>TOTAL</b>	<b>\$10,460</b>	<b>\$10,654</b>	<b>\$9,599</b>	<b>\$10,863</b>	<b>\$9,048</b>
<b>TOTAL</b>	<b>\$25,444</b>	<b>\$26,503</b>	<b>\$26,662</b>	<b>\$31,330</b>	<b>\$30,297</b>
<b>% of Undergraduates with Need</b>	<b>62.0%</b>	<b>62.0%</b>	<b>63.5%</b>	<b>63.9%</b>	<b>65.0%</b>

## CARNEGIE MELLON UNIVERSITY

### Finances

#### Additional Facts and Figures

#### Undergraduate Tuition Comparison, Top Ten Competitors

Academic Year 1991-92

Based on Application Overlap, Fall 1991 Admissions Market Study in Order of Tuition

School	Tuition & Fees	Room & Board*
Carnegie Mellon	\$15,250	\$5,136
MIT	16,900	5,330
Princeton	16,922	5,311
Boston Univ.	16,190	6,320
Cornell	16,241	5,366
Washington Univ.	16,110	5,187
Univ. of Penn	15,894	5,870
RPI	15,625	5,175
Northwestern	14,390	4,827
Penn State	4,402 (\$9,118 out of state)	3,670
Univ. of Michigan	3,610 (\$12,718 out of state)	4,084
<b>MEDIAN</b>	<b>\$16,110</b>	

Double Room-21 meals/week, CMU-Double Room-19 meals/week

Source: College Cost Book

#### Carnegie Mellon Tuition Benefits

Fiscal Years 1987 to 1991

(Dollars in Thousands)

	1987	1988	1989	1990	1991
Total	\$2,162	\$2,578	\$2,975	\$3,243	\$3,637

#### Endowment Statistics

Fiscal Years 1987 to 1991

(Dollars in Thousands)

	1987	1988	1989	1990	1991
Book Value	\$225,014	\$241,066	\$262,177	\$277,780	\$294,030
Market Value	265,893	265,664	290,962	299,168	313,330
Life Income Funds	23,972	25,892	21,674	21,485	20,418
Rank	36	38	36	41	N/A
Endowment/FTE Student*	\$43,400	\$42,974	\$46,686	\$47,180	\$48,410
Rank	68	71	75	81	N/A

\*Private Institutions Only

N/A-Not Available

Source: NACUBO Endowment Reports

#### Carnegie Mellon National Rank

Research and Development Funds

Academic Science and Engineering

Fiscal Years 1986 to 1990

	1986	1987	1988	1989	1990
Total R&D	49th	45th	45th	50th	53th
Total R&D Among Privates	17th	18th	17th	17th	18th
Industry Sponsored R&D	3rd	6th	7th	8th	9th

Source: National Science Foundation

## **SPACE AND FACILITIES**



CARNEGIE MELLON UNIVERSITY

Total Space  
In Square Footage  
By Major Division, College/Division, and Use Category  
as of June 30, 1991

Major Division College/Division	Use Category										TOTAL
	Classroom & Serv.	Labs Studios & Serv.	Office & Serv.	Conf./Mfg. Asmby./Exh. & Serv.	Food/Lnge. Merch. & Serv.	Study Data Proc. & Serv.	Shops/Veh. Food & Gen. Storage & Serv.	Housing	Other		
President	0	0	3,070	470	0	0	11	0	0	0	3,551
Provost											
CIT	1,653	116,364	86,074	5,157	5,491	10,028	13,279	0	1,233	239,279	
CFA	12,069	109,221	32,210	13,063	181	2,453	13,529	0	1,110	183,836	
H&SS	2,624	13,194	63,048	1,681	1,334	1,659	1,046	0	2,591	87,177	
MCS	867	129,867	63,652	3,488	2,088	7,166	17,652	0	8,032	232,812	
SCS	1,021	34,670	67,583	5,522	1,212	18,421	1,837	0	1,326	131,592	
GSIA	5,024	0	26,037	933	868	2,773	495	0	0	36,130	
SUPA	1,656	3,127	16,137	921	1,022	49	608	0	238	23,758	
CMFRI	0	25,529	35,932	339	0	176	10,496	0	2,465	74,937	
SEI	0	0	58,806	11,899	2,996	11,527	6,108	0	6,452	97,778	
Other	826	734	7,791	8,437	696	0	23,445	0	604	42,532	
TOTAL	25,740	432,706	457,269	51,430	15,888	54,252	88,495	0	24,051	1,149,830	
VP Academic Services	0	8,051	24,548	7,083	4,791	98,899	3,018	0	5,353	151,743	
VP Business Aff. & Planning											
Campus Services	4,601	0	9,621	4,936	59,770	0	11,047	0	3,461	93,436	
Other	0	0	24,047	1,374	1,049	658	38,681	0	17,718	83,527	
TOTAL	4,601	0	33,668	6,310	60,819	658	49,728	0	21,179	176,963	
VP Development	0	0	8,324	324	0	138	598	0	0	9,384	
VP Enrollment											
Registrar	59,172	0	1,600	68	553	0	0	0	0	61,393	
Other	0	0	28,572	16,493	19,996	2,165	36,795	578,869	71,301	754,190	
TOTAL	59,172	0	30,172	16,561	20,549	2,165	36,795	578,869	71,301	815,583	
VP University Relations	0	0	6,348	360	0	0	221	0	5,972	12,901	
NON-CMU Occupant	0	0	0	0	0	0	0	0	99,644	99,644	
Total Net Assign. Space	89,513	440,757	563,399	82,537	102,046	156,112	178,866	578,869	227,500	2,419,599	
Building Support	0	0	0	0	0	0	0	0	886,594	886,594	
TOTAL	89,513	440,757	563,399	82,537	102,046	156,112	178,866	578,869	1,114,094	3,306,193	

Note: Other Provost includes Administrative functions as well as University Controlled space.  
NON-CMU Occupant includes Mine Safety Health Administration and Union Carbide.

**CARNEGIE MELLON UNIVERSITY**

**Total Space  
in Square Footage  
By Major Division, College/Division, and Building  
as of June 30, 1991**

Major Division	Building													
	B/P	CC	CFA	DH	EDSH	FMR/MSL	GSIA	GYM	HBH	HH	HL	MMC	M I	PPB
<b>President</b>	109	0	0	0	0	0	0	0	413	0	0	0	0	0
<b>Provost</b>														
CIT	45,359	0	0	54,009	0	0	0	0	13,702	75,353	0	0	0	0
CFA	5,451	0	82,316	36,376	0	0	0	0	0	0	0	55,861	0	0
H&SS	75,839	0	0	0	0	0	286	0	0	0	0	7,312	0	0
MCS	0	0	0	43,249	0	0	0	0	416	0	0	0	130,806	436
SCS	0	0	0	11,372	4,376	15,691	0	0	0	0	0	0	0	0
GSIA	0	0	0	0	0	0	31,120	0	0	0	0	0	0	0
SUPA	0	0	0	0	0	0	0	0	23,758	0	0	0	0	0
CMRI	0	0	0	0	0	0	0	0	0	0	0	0	39,207	0
Other	972	0	0	0	1,512	0	0	0	2,466	0	0	0	9,686	0
<b>TOTAL</b>	<b>127,621</b>	<b>0</b>	<b>82,316</b>	<b>145,006</b>	<b>5,888</b>	<b>15,691</b>	<b>31,405</b>	<b>0</b>	<b>40,342</b>	<b>75,353</b>	<b>0</b>	<b>63,173</b>	<b>179,699</b>	<b>436</b>
<b>VP Academic Services</b>	<b>3,939</b>	<b>4</b>	<b>1,344</b>	<b>0</b>	<b>2,310</b>	<b>211</b>	<b>0</b>	<b>0</b>	<b>4,480</b>	<b>0</b>	<b>77,844</b>	<b>0</b>	<b>12,825</b>	<b>0</b>
<b>VP Business Aff. &amp; Planning</b>														
Campus Srv's	5,194	9,905	20	0	1,710	0	100	0	0	0	0	39	3,124	960
Other	4,889	0	1,828	1,085	549	131	1,888	237	1,009	413	302	4,545	11,071	28,843
<b>TOTAL</b>	<b>10,083</b>	<b>9,905</b>	<b>1,848</b>	<b>1,085</b>	<b>2,259</b>	<b>131</b>	<b>1,988</b>	<b>237</b>	<b>1,009</b>	<b>413</b>	<b>302</b>	<b>4,584</b>	<b>14,195</b>	<b>29,803</b>
<b>VP Development</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>VP Enrollment</b>														
Classrooms	21,295	0	4,004	11,437	0	0	0	0	4,538	1,860	0	2,617	1,125	0
Housing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Athletics	0	0	0	0	0	0	0	55,223	0	0	0	0	0	0
Other	2,468	0	424	200	4,445	0	0	0	4,941	0	0	1,569	160	1,488
<b>TOTAL</b>	<b>23,763</b>	<b>0</b>	<b>4,428</b>	<b>11,637</b>	<b>4,445</b>	<b>0</b>	<b>0</b>	<b>55,223</b>	<b>9,479</b>	<b>1,860</b>	<b>0</b>	<b>4,186</b>	<b>1,285</b>	<b>1,488</b>
<b>VP University Relations</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>861</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>313</b>	<b>0</b>
<b>NON-CMU Occupant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,511</b>	<b>0</b>	<b>0</b>	<b>13,366</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Net Assignable Space</b>	<b>165,515</b>	<b>9,909</b>	<b>89,936</b>	<b>157,728</b>	<b>15,008</b>	<b>54,544</b>	<b>33,393</b>	<b>55,460</b>	<b>69,950</b>	<b>77,626</b>	<b>78,146</b>	<b>71,943</b>	<b>208,317</b>	<b>31,727</b>
Building Support	67,129	2,653	35,510	58,251	3,280	21,286	24,798	7,365	32,072	36,745	23,379	30,748	142,619	13,252
<b>TOTAL</b>	<b>232,644</b>	<b>12,562</b>	<b>125,446</b>	<b>215,979</b>	<b>18,288</b>	<b>75,830</b>	<b>58,191</b>	<b>62,825</b>	<b>102,022</b>	<b>114,371</b>	<b>101,525</b>	<b>102,691</b>	<b>350,936</b>	<b>44,979</b>

**Note:**

Other building includes Bramer House, Studio Theatre, West Garages, 5017 Forbes Ave., Bushy Run Facilities, Owned Trailers, East Garage, Gesling Field and the MM-C Plaza.

Other Provost includes Administrative functions as well as University Controlled space.

Major Leased space includes SEI and the Eichleay Building.

NON-CMU Occupant includes Mine Safety Health Administration and Union Carbide.



**CARNEGIE MELLON UNIVERSITY**

**Total Space  
In Square Footage  
By Major Division, College/Division, and Building  
as of June 30, 1991**

Major Division	Building										TOTAL
	PRB	PUB	SH	SKIBO	UCC	WEH	WH	*OTHER	HOUSING	LEASED	
<b>President</b>	0	0	0	0	0	0	3,029	0	0	0	3,551
<b>Provost</b>											
CIT	0	0	17,941	0	2,119	29,232	0	904	0	660	239,279
CFA	0	0	0	0	0	195	0	3,637	0	0	183,836
H&SS	0	0	0	0	0	0	0	880	0	2,860	87,177
MCS	0	0	1,761	0	0	50,144	0	0	0	6,000	232,812
SCS	6,316	0	0	0	10,067	81,595	0	0	0	2,175	131,592
GSIA	0	0	0	0	0	0	0	5,010	0	0	36,130
SUPA	0	0	0	0	0	0	0	0	0	0	23,758
CMRI	0	0	0	0	0	0	0	0	0	35,730	74,937
Other	0	0	0	626	0	0	936	1,662	0	122,450	140,310
<b>TOTAL</b>	<b>6,316</b>	<b>0</b>	<b>19,702</b>	<b>626</b>	<b>12,186</b>	<b>161,166</b>	<b>936</b>	<b>12,093</b>	<b>0</b>	<b>169,875</b>	<b>1,149,830</b>
<b>VP Academic Services</b>	0	0	0	0	25,658	19,422	596	2,674	0	436	151,743
<b>VP Business Aff. &amp; Planning</b>											
Campus Srv's	0	0	0	28,933	0	0	2,862	7,826	32,763	0	93,436
Other	0	0	443	472	5,051	2,760	8,731	486	8,307	487	83,527
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>443</b>	<b>29,405</b>	<b>5,051</b>	<b>2,760</b>	<b>11,593</b>	<b>8,312</b>	<b>41,070</b>	<b>487</b>	<b>176,963</b>
<b>VP Development</b>	0	0	0	0	0	0	5,526	3,858	0	0	9,384
<b>VP Enrollment</b>											
Classrooms	0	0	4,817	0	0	6,156	0	0	0	0	57,849
Housing	0	0	0	0	0	0	0	0	543,144	70,050	613,194
Athletics	0	0	0	0	0	0	0	1,984	14,196	0	71,403
Other	0	0	122	34,769	283	257	11,335	5,911	4,766	0	73,138
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>4,939</b>	<b>34,769</b>	<b>283</b>	<b>6,413</b>	<b>11,335</b>	<b>7,895</b>	<b>562,106</b>	<b>70,050</b>	<b>815,583</b>
<b>VP University Relations</b>	0	9,264	0	280	0	0	0	2,077	0	0	12,901
<b>NON-CMU Occupant</b>	0	0	0	0	0	0	0	47,767	0	0	99,644
<b>Total Net Assignable Space</b>	<b>6,316</b>	<b>9,264</b>	<b>25,084</b>	<b>65,079</b>	<b>43,178</b>	<b>189,761</b>	<b>33,017</b>	<b>84,676</b>	<b>603,176</b>	<b>240,848</b>	<b>2,419,599</b>
Building Support	92	1,054	11,121	29,604	19,416	104,095	12,869	5,606	164,704	38,946	886,594
<b>TOTAL</b>	<b>6,408</b>	<b>10,318</b>	<b>36,205</b>	<b>94,683</b>	<b>62,594</b>	<b>293,856</b>	<b>45,886</b>	<b>90,282</b>	<b>767,880</b>	<b>279,794</b>	<b>3,306,193</b>

Note:  
Other building includes Bramer House, Studio Theatre, West Garages, 5017 Forbes Ave., Bushy Run Facilities, Owned Trailers, East Garage, Gesling Field and the MM-C Plaza.

Other Provost includes Administrative functions as well as University Controlled space.

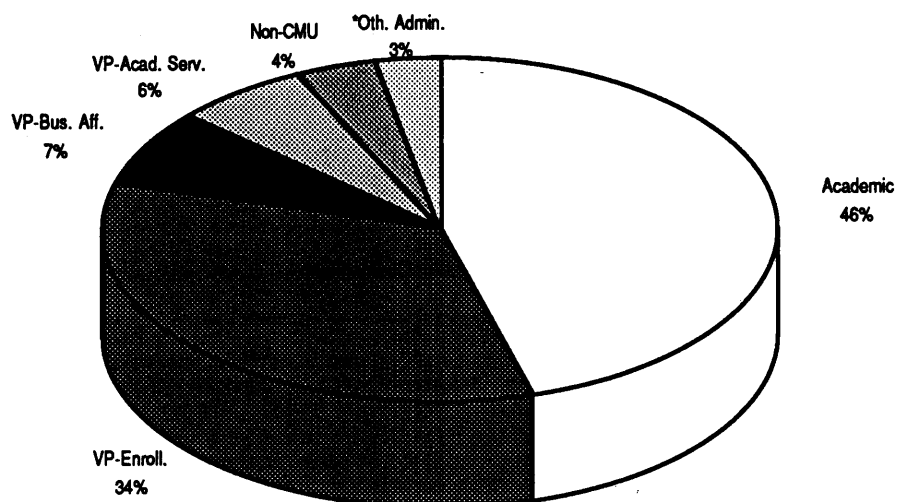
Major Leased space includes SEI and the Eichleay Building.

NON-CMU Occupant includes Mine Safety Health Administration and Union Carbide.

**CARNEGIE MELLON UNIVERSITY**

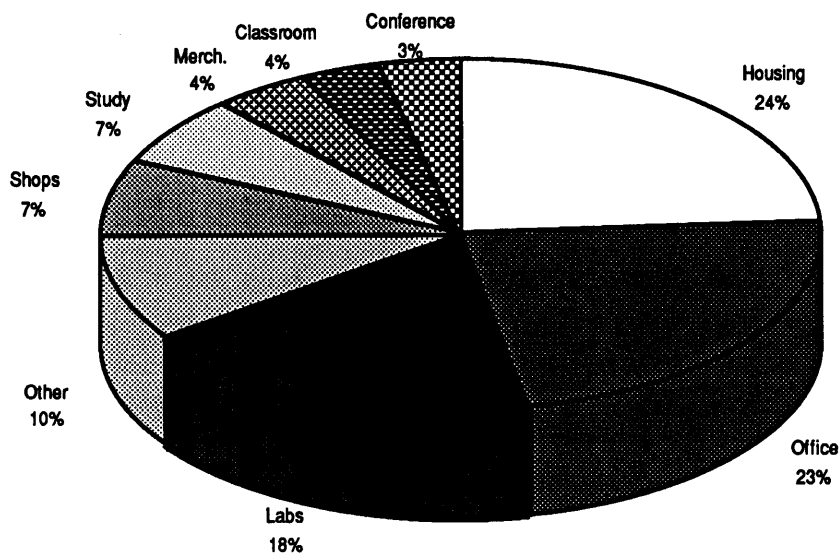
**Net Assignable Space by Major Use and Division  
As of June 30, 1991**

**Net Assignable Space by Major Division**



\* Other Admin: President, Provost Administration Functions, Development and Public Relati

**Net Assignable Space by Major Use**



**CARNEGIE MELLON UNIVERSITY**

**Parking Capacity  
Fiscal Years 1988 to 1992**

	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
	<b>Spaces</b>	<b>Spaces</b>	<b>Spaces</b>	<b>Spaces</b>	<b>Spaces</b>
Permit Parking	1,571	1,837	1,935	2,001	2,203
Visitor Parking	46	46	44	32	39
Meter Parking	80	80	94	87	194
Utility Parking	80	80	80	80	18
Campus Street	301	301	301	301	301
<b>CMU Area Total</b>	<b>2,078</b>	<b>2,344</b>	<b>2,454</b>	<b>2,501</b>	<b>2,755</b>
<b>Total Permits Issued</b>	<b>2,032</b>	<b>2,280</b>	<b>2,324</b>	<b>2,393</b>	<b>2,611</b>

**Housing Capacity  
By Units, Beds Available and Filled  
Fall Semester 1991**

	<b>Rooms Available</b>	<b>Beds Available</b>	<b>Beds Filled</b>
Boss	42	77	77
Doherty	60	189	188
Donner	136	254	254
Fraternities	235	248	200
Hammerschlag	78	168	168
Henderson	18	40	40
McGill	42	77	77
MM-A	121	80	79
MM-B	4	32	31
MM-C	40	80	79
Morewood Gardens-A, B, C, D	235	451	450
Morewood Gardens-E	139	297	296
Mudge	165	307	307
Resnik	91	151	151
Roselawn	10	55	55
Scobell	65	40	40
Shirley Apts.	22	88	88
Spirit	9	9	9
Tech House	8	8	7
Welch	30	54	54
West Wing	87	147	147
Woodlawn	9	30	30
<b>Total</b>	<b>1,646</b>	<b>2,882</b>	<b>2,827</b>



## **APPENDIX**



# DEFINITIONS

## I. COLLEGE AND DEPARTMENT LISTING

### College

<u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>
<b>CARNEGIE INSTITUTE OF TECHNOLOGY</b>	<b>CIT</b>	Undergraduate and Graduate college.
Biomedical Engineering	Biomedical E.	
Chemical Engineering	Chemical E.	
Civil Engineering	Civil E.	
Electrical and Computer Engineering	E & C E.	
Engineering and Public Policy	EPP	
Manufacturing Engineering	Mfg. E.	
Mechanical Engineering	Mechanical E.	
Metallurgical Engineering and Materials Science	MEMS	
Engineering Design Research Center	EDRC	Research Center
<b>ADDITIONAL UNITS:</b>		
Nuclear Engineering	Nuclear E.	This is no longer formally a department, but a few students are still finishing or graduating from the program.
No Major Department	No Major Dept.	Students do not declare majors until their sophomore year.
Interdisciplinary	Interdiscp.	Interdisciplinary units are jointly taught among departments.
Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the the Dean's office.
<b>COLLEGE OF FINE ARTS</b>	<b>CFA</b>	Undergraduate and graduate college.
Architecture		
Art		
Design		
Drama		
Music		
Studio for Creative Inquiry	SFCI	Research Center
<b>ADDITIONAL UNITS:</b>		
Interdisciplinary	Interdiscp.	Interdisciplinary units are jointly taught among departments.
Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the Dean's office.
Pre-College Art	Pre-Col. Art	Year-round program for pre-college art students and CMU students who are not art majors.
Pre-College Music	Pre-Col. Mus.	Year-round program for pre-college music students and CMU students who are not music majors.
<b>COLLEGE OF HUMANITIES AND SOCIAL SCIENCES</b>	<b>H&amp;SS</b>	Undergraduate and graduate college.
English		
History		
Modern Languages		
Philosophy		
Psychology		
Social and Decision Sciences	S & D S.	
Statistics		

<b>ADDITIONAL UNITS:</b> Economics Industrial Management in H&SS	<b>IM - H&amp;SS</b>	The student major Economics is housed in H&SS. Some freshmen and sophomores take the H&SS core before being accepted into the IM major.
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<u>College</u> <u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>
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**H&SS (cont.)**

Student Defined Major	Student Def'd	Some students in H&SS define individualized interdisciplinary majors.
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No Major Department Dean's Office	No Major Dept. Dean's Ofc.	Students do not declare majors until their junior year. Some faculty with administrative responsibility are located in the the Dean's office.
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**Information Networking Institute INI**

Joint academic program between CIT, GSIA, and SCS.

**MELLON COLLEGE OF SCIENCE MCS**

Undergraduate and graduate college.

Biological Sciences Chemistry Mathematics Physics	Biology Chem Math Phy
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**ADDITIONAL UNITS**

No Major Department	No Major Dept.	Students do not declare majors until their sophomore year.
Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the Dean's office.
Interdisciplinary	Interdiscp.	Interdisciplinary units are jointly taught among departments.

**SCHOOL OF COMPUTER SCIENCE**

**SCS**

Undergraduate and graduate college.

Computer Science Robotics Center for Machine Translation Information Technology Center	Comp. Sci. Rob CMT ITC
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Research Center  
Research Center

**GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION**

**GSIA**

Graduate College.

**ADDITIONAL UNITS**

Economics Industrial Management	<b>IM</b>	Most Economics courses are taught by GSIA faculty. Most IM courses are taught by GSIA faculty.
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**SCHOOL OF URBAN AND PUBLIC AFFAIRS**

**SUPA**

Graduate College.

**Carnegie Mellon Research Institute**

**CMRI**

Research Center.

**Industrial Management**

**IM**

IM is an unaffiliated undergraduate major.

**Software Engineering Institute**

**SEI**

Research Center

**Administration**

**ADMIN**

**NOTE:**

The category of **NON-DEGREE** students is often listed as a Department in tables showing student enrollment. These non-degree seeking students are not affiliated with a Department.



## II. TIME PERIODS

Fall Semester	Data are as of the Mid-Semester point in the Fall Semester (except Units Taught, which are end of semester counts).
Academic Year	Data are the addition of Fall and Spring Semester totals.
Fiscal Year	Data are for the period July 1 to June 30 of the indicated year.

## III. DEFINITIONS OF TERMS

### STUDENTS

#### FRESHMEN

Applied	Individuals who completed the Admissions process.
Admitted	Applicants who were admitted to CMU.
Enrolled	Applicants who were admitted and actually enrolled.
Yield	Enrolled as a percent of Admitted freshmen.

Competing Schools: The top 10 schools to which students admitted to CMU also submitted applications. The source of this data is the Admissions Office Market Survey.

#### ENROLLMENT

Students by Level	Undergraduate Graduate Non-Degree	Freshman, Sophomore, Junior, Senior Students enrolled in Master's or Doctoral programs. Special students who are not enrolled in a degree program.
Headcount	Each student, full or part time, is counted once.	
Full-Time Equivalent (FTE)	Each full-time student is counted once; part-time students are counted based on the percentage of full-time tuition paid to cover their current courses.	

#### HOUSING TYPE

University Housing	On-Campus Off-Campus Fraternity/Sorority	CMU owned dormitories physically located on the campus. CMU controlled off-campus housing. Fraternity or Sorority controlled housing.
Non-University Housing	All other student residence arrangements.	

#### PERSISTENCE

The percentage of students from an entering cohort who are enrolled in a particular year plus those who have graduated.

#### DEGREES

Bachelors	B.A., B.S., BFA, B.Arch.
Masters	M.A., M.S., M.E., MFA, M.A.M., M.P.M, M.S.I.A.
Doctorates	D.A., Ph.D.

All degrees are shown by the Department from which they were earned, rather than the particular program or emphasis listed on the individual's degree. All degree programs are listed in the front of this booklet.

#### TEACHING

##### UNITS

A student at CMU earns a specified number of units for each course taken at the University. Three (3) units are the equivalent of one (1) credit hour. The number of units taught by a department is calculated by summing the units of each course taken by each student for the department.

Other	Includes units taught to Non-Degree students and students from other colleges attending CMU through the Pennsylvania Council of Higher Education (PCHE) agreement.
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## STAFF

Full-time employees includes those on leave and visiting research professionals. Visiting faculty are excluded.

## FACULTY

Total Faculty includes three categories of faculty members. They are:

Regular Faculty	Regular faculty are comprised of four ranks of permanent faculty members (subject to the rules of the tenure process): Professor, Associate Professor, Assistant Professor, and Instructor. Professors and some Associate Professors are tenured; the rest of the Associate Professors and Assistant Professors are eligible for tenure, or in the Tenure Stream; and Instructors are eligible for promotion into the tenure stream. Instructors are part of the regular faculty for whom the tenure probationary period has not yet begun.
Research Faculty	Research faculty are comprised of several ranks of faculty-equivalent research positions of scientists and engineers.
Special Faculty	Special faculty are comprised of several ranks of part-time or temporary, instructional, and research faculty including active Faculty Emeritus, Adjunct Faculty, Instructional Staff, Lecturers, Visiting Faculty, Special Research Faculty, and Post-Doctoral Associates. Administrators with Special Faculty appointments are excluded.
Method of counting:	Regular and Research may have contractual joint appointments in one or more departments, and are split between these appointments accordingly. Special Faculty are counted in the department in which they have their primary appointment.
Terminal degree	Terminal degrees are typically recognized in a field as the highest level of education attainable. Professional fields often have terminal degrees that are not PhD's, e.g. MFA for studio/performance, DA (doctorate of Arts) and Drl (Dr. of engineering from Italy).

## ALUMNI

Includes all living persons who attended the university as degree candidates.

## FINANCES

### TUITION AND FEES

Undergraduate Tuition	Tuition charged to full-time undergraduate students. This is established at the university level.
Graduate Tuition	Tuition charged to full-time graduate students. This is established by each college.
Average Room	The annual charge for a standard double room. Other options for university housing include: Standard and Prime rooms for one, three or four students, and several apartment, townhouse or separate house alternatives.
Average Board	The annual charge for a 19 meal per week plan. Other options include 15, 10 and 5 meals per week .
Total Estimated Cost of Attending CMU.	This includes tuition and activities fee, books and supplies, incidentals, room and board for residents and lunches and transportation for Commuters. This is computed each year by the Financial Aid Office.

## UNDERGRADUATE FINANCIAL AID RESOURCES

Federal Aid	PELL SEOG	Federal entitlement grant program. Supplemental Education Opportunity Grant.
State Aid	PHEAA	Pennsylvania Higher Education Assistance Agency.
Other State Aid	Aid from states other than Pennsylvania.	
CMU E&GO	Aid provided from Carnegie Mellon Educational and General Operating Expenses.	
CMU Endowed	Aid provided from income from the Carnegie Mellon University Endowment Fund.	
CMU Gifts & Grants	Aid provided through gifts and grants to the University for this purpose.	
ROTC	Money from the Air Force, Army and Navy ROTC programs.	
Other Grant Resources	Aid from all other sources, primarily scholarships.	

## GENERAL FUNDS INCOME, EXPENDITURES, AND TRANSFERS

### GENERAL FUNDS

These funds are divided into Unrestricted Funds that can be used for any University purpose, Designated Funds that have been set aside for particular purposes such as the Summer School program, and Restricted Funds which have been given for a specific purpose, such as research projects by the donor or granting agency. The General Funds support teaching, research, support programs, student services, student aid, administrative and business operations, physical plant operations and maintenance and public service.

### INCOME

Tuition & Fees	Payments made by undergraduate, graduate and special students in accordance with University tuition and fee schedules.
Endowment Income	Income derived from endowment investments
Current Fund Investments	Earnings derived from Current Fund balances.
Gifts and Grants	Restricted and unrestricted gifts given to the University.
Sponsored Research	Restricted income given for a specific research project by the donor or granting agency.
Auxiliary Services	Income from Auxiliary Services (i.e. housing, food services, parking.)
Misc. Income	Includes interest on operating funds and reserve holdings, interest on University internal loans and miscellaneous charges.

### EXPENDITURES

Instruction & Dept. Research	Expenditures supporting the academic programs and operations in the colleges.
Carnegie Mellon Research Institute	Expenditures from Carnegie Mellon Research Institute.
Academic Support	Includes: Audio Visual Aids and Computing and Info Services.
Sponsored Research	Expenditures from restricted funds for research.
Student Aid	Restricted and unrestricted aid supporting undergraduates.
Libraries	Expenditures from the libraries.
Campus Operations	Operation and maintenance of physical plant.
Utilities	Expenditures for utilities and steam.
Administration	Expenses supporting administrative units.
Student Services	Includes Enrollment Planning, Athletics and Student Affairs.
General Institutional	Includes insurance, legal and investment agent fees.
Auxiliary Services	Expenditures for the operation of Auxiliary Services units.
Total Transfers	Includes transfers to capital, debt service, and college reserves.

## RESEARCH COSTS

In the listing by College and Research Center,

Other includes: Academic Computing, Computing Systems, Hunt Institute for Botanical Documentation, Center for the Design of Educational Computing, Office of the Provost, Office of the Vice President for Enrollment and General Institutional.

## VOLUNTARY SUPPORT

Voluntary Support Contributions supporting the University, excluding: income from endowment and other invested funds, and support from federal, state and local governments and their agencies.

## TUITION BENEFITS

Money paid to CMU faculty, staff and their dependents to take courses at CMU or other universities.

## SPACE AND FACILITIES

### USE CATEGORIES

Classroom	Includes all rooms used for classrooms.
Laboratory/Studio	Includes laboratory and studio facilities, used both as classrooms and for research.
Office	Includes offices, office support areas and office-related conference rooms.
Other	Includes Special Use Facilities (e.g. the gym), General Use Facilities (e.g., lounge or dining facilities), Support Facilities (e.g. computer, shop and storage rooms) and Health Care Facilities.
Building Support	Includes circulation, custodial, mechanical and structural areas.
Univ. Controlled	Represents primarily public spaces which are not under the control of any individual department, as well as unassigned space held in reserve by the university to allow for future departmental expansion, or for temporary allocation during renovations.

### BUILDING ABBREVIATIONS

B/P	Baker/Porter
CC	College Club
CFA	College of Fine Arts
DH	Doherty Hall
EDSH	Elliott Dunlap Smith Hall
FMR/MSL	Field & Mobile Robotics Building / Mine Safety Laboratory Building
GSIA	Graduate School of Industrial Administration
G	Gym
HBH	Hamburg Hall
HH	Hammerschlag Hall
HL	Hunt Library
MMC	Margaret Morrison Carnegie Hall
MI	Mellon Institute
PPB	Physical Plant Building
PRB	Planetary Robotics Building
PUB	Publications and Printing Building
SH	Scaife Hall
SKIBO	Skibo
UCC	UCC
WEH	Wean Hall
WH	Warner Hall