

Carnegie Mellon Facts 1993

Volume 7

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

Carnegie Mellon Facts is a compilation of commonly requested data and statistical information about Carnegie Mellon. It includes information about students, alumni, faculty and staff at CMU. You can use *Facts* to find information on admissions, enrollment, teaching, research and University finances and facilities. *Facts* also provides some useful comparative data from other universities. The data presented in the tables and graphs are from internal sources 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 in University Planning Services want this book to be a reliable source of accurate and useful information. Please, as you use *Facts* over the course of the year, note the ways it could be improved as an information tool that meets your needs. Your suggestions and comments on the contents, format, and usefulness of *Facts* will help with the continual improvement of this information tool. Please tear out the last page of this booklet and respond to the brief questionnaire with your comments. Or, call University Planning if you have questions or suggestions for improving the report.

Thank you.

Kevin Lamb
Director
University Planning Services

Acknowledgments

University Planning and Budgets is grateful to individuals from the following departments for providing information for the 1993 Fact Book.

Accounting
Alumni Relations
Computing Services
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
Instructional Technology
Office of the Controller
Office of the Provost
Records
Registrar's Office
School of Computer Science
The Heinz School
University Libraries
University Relations
University Teaching Center

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BACKGROUND

Vision

To be a University of the First Rank by Leadership and Innovation in our chosen fields of endeavor.

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.

Values

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.

Quality

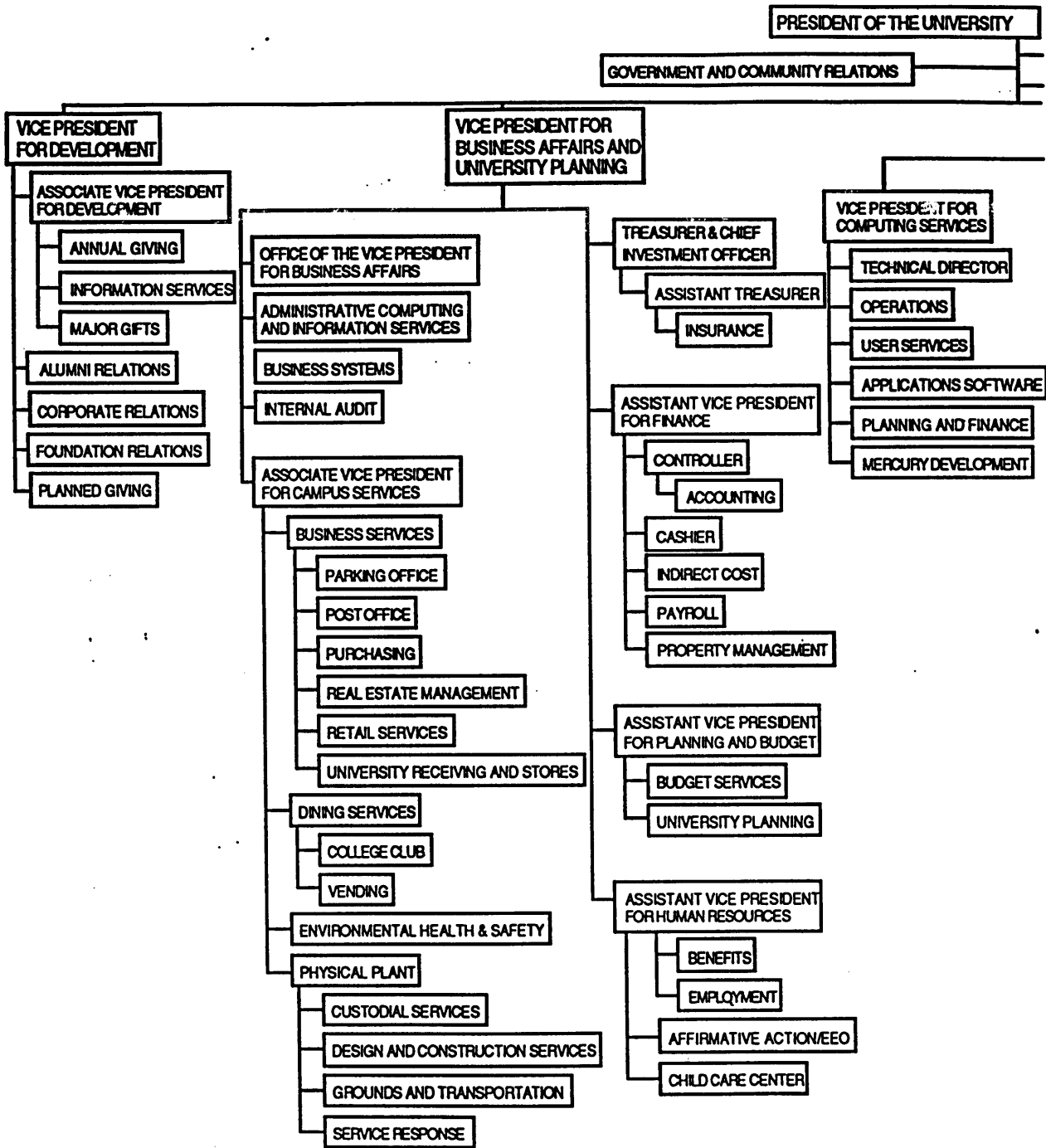
We will identify the highest standards of quality in everything we do and continuously improve to meet them.

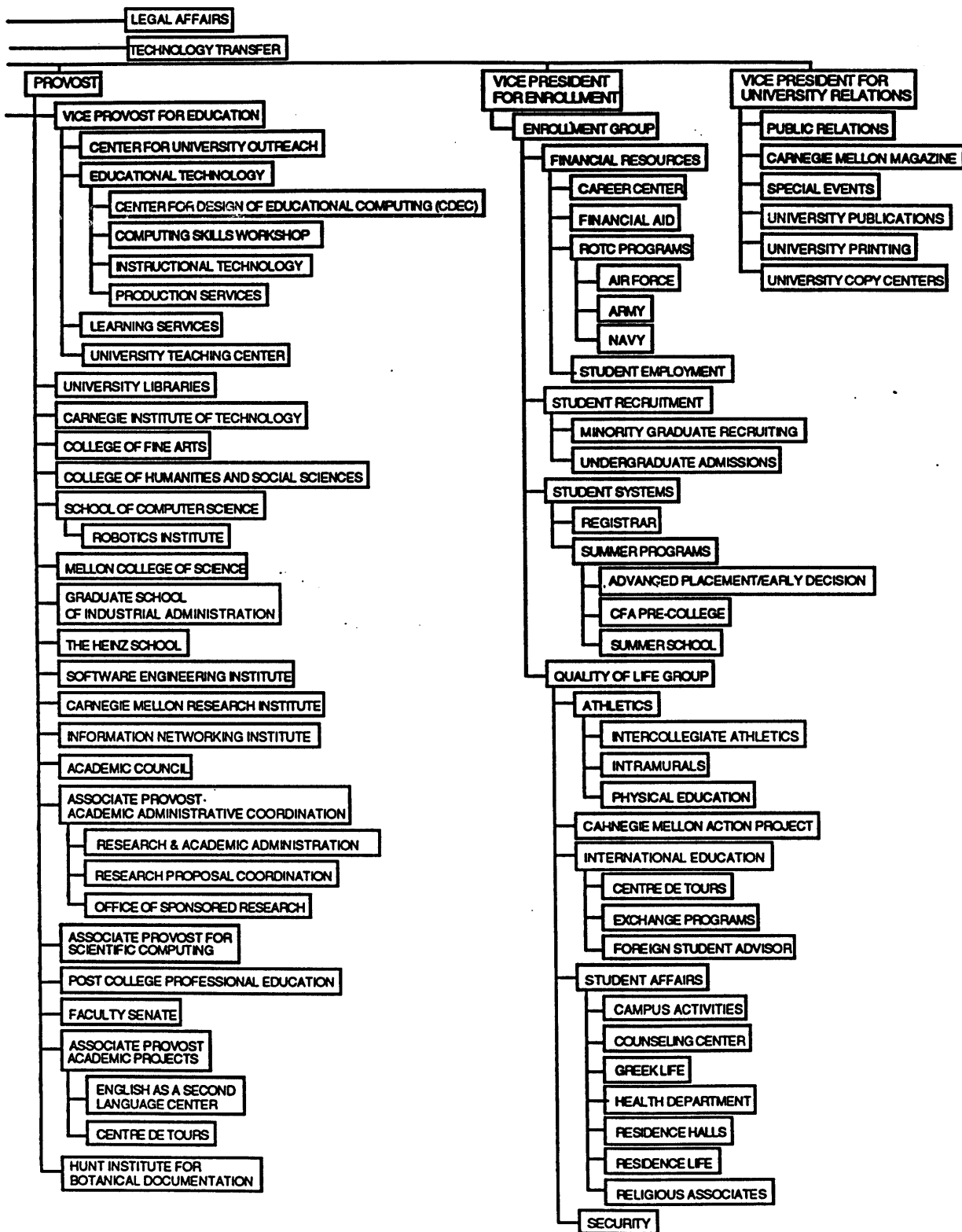
Learning

We will build on our heritage of the Carnegie Plan and be recognized as the leader in undergraduate education - an institution that combines teaching and research in a way that provides undergraduates with an educational experience unmatched anywhere, with our focus on learning and problem solving.

CARNEGIE MELLON UNIVERSITY

University Organizational Chart
Academic Year 1992-93





CARNEGIE MELLON UNIVERSITY
The University

The University

Carnegie Mellon has emerged as one of the nation's top private research universities. The university's interdisciplinary approach provides graduates with professional and technical skills and a strong science and liberal arts background. According to Edward B. Fiske, education columnist for the *New York Times*, Carnegie Mellon's "faculty and administration have done the most original thinking of any American university in pursuing the twin goals of liberal-professional education."

Carnegie Mellon began in 1900 when industrialist Andrew Carnegie founded Carnegie Technical Schools in Pittsburgh's Oakland section. Twelve years later these schools became a degree-granting college--- the Carnegie Institute of Technology. In 1967, Carnegie Tech merged with the Mellon Institute of Research to form Carnegie Mellon University.

Carnegie Mellon's internationally recognized programs encompass the areas of engineering, technology, science, liberal arts, fine arts, and public and private management. The university includes five undergraduate colleges and three graduate schools:

The Carnegie Institute of Technology (CIT) includes six departments: Chemical Engineering, Civil engineering, Electrical and Computer engineering, Engineering and Public Policy, Mechanical Engineering, and Metallurgy and Materials Science, plus a Biomedical Engineering option.

The College of Fine Arts (CFA), the first school in the nation to award a degree in drama, includes the departments of Architecture, Art, Design, Drama and Music.

The College of Humanities and Social Sciences (H&SS) is recognized for its broad view of the liberal-professional arts and its commitment to excellence in teaching. Its departments include Economics, English, History, Modern Languages, Philosophy, Psychology, Social and Decision Sciences, and Statistics.

The Mellon College of Science (MCS) is composed of the departments of Biological Sciences, Chemistry, Mathematics and Physics, and offers an undergraduate degree in computer science with the School of Computer Science.

The Graduate School of Industrial Administration (GSIA) offers a Master of Science in Industrial Administration, a degree roughly equivalent to an M.B.A. with a firmer scientific component based on the use of quantitative methods as management tools. GSIA also offers doctoral and executive education programs and supports undergraduate programs in economics and industrial management.

The School of Computer Science (SCS) operates at the forefront of research in computing, artificial intelligence and robotics. The school grants undergraduate and graduate degrees, and participates in special undergraduate programs in mathematics, biological sciences, physics and chemistry.

The Heinz School (HNZ) offers graduate programs to educate managers and analysts for government and non-profit organizations; it awards master's degrees in Public Management and Policy, Arts management, Urban Development and Management, and a doctor's degree in Public Policy Analysis.

CARNEGIE MELLON UNIVERSITY

Degree Programs By College and Department Academic Year 1992-93

CARNEGIE INSTITUTE OF TECHNOLOGY

Biomedical Engineering			
Engineering (Biomedical E. Option)	B.S.	Electrical and Computer Engineering	B.S.
Biomedical E. with CIT Department	M.S.	Computer E.	B.S.
Biomedical E.	M.S.	Electrical E.	M.S.
Biomedical E. with CIT Department	Ph.D.	Electrical and Computer E.	Ph.D.
Biomedical E.	Ph.D.	Electrical and Computer E.	
Chemical Engineering		Mechanical Engineering	
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.
Civil Engineering		Materials Science and Engineering	
Civil E.	B.S.	MSE	B.S.
Civil E.	M.S.	MSE	M.E.
Civil E.	Ph.D.	MSE	M.S.
		MSE	Ph.D.
Engineering and Public Policy		Manufacturing Engineering	
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

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

CARNEGIE MELLON UNIVERSITY

**Degree Programs
By College and Department
Academic Year 1992-93**

COLLEGE OF FINE ARTS

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

MELLON COLLEGE OF SCIENCE

Biological Sciences	Biological Sciences	B.S.	Mathematics	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.
Chemistry	Chemistry	B.A.		Mathematics	D.A.
	Chemistry	B.S.		Mathematics	Ph.D.
	Chemistry/Computer Science Track	B.S.		Algorithms, Combinatorics & Optimization (w/Comp. Sci. &GSIA)	Ph.D.
	Chemistry	M.S.		Mathematical Finance (w/GSIA)	
	Chemical Instrumentation	M.S.		Pure & Applied Logic (w/ Computer Science & Philosophy)	Ph.D.
	Polymer Science	M.S.	Physics	Physics	B.A.
	Colloids, Polymers, & Surfaces (w/ Chemical E.)	M.S.		Physics	B.S.
	Chemistry	Ph.D.		Physics/Computer Science Track	B.S.
	Chemistry/Biochemistry (w/Biology & Physics)	Ph.D.		Physics	M.S.
	Chemistry/Biophysics	Ph.D.		Physics	Ph.D.
	Chemistry/Biochemistry & Biophysics (w/Biology & Physics)	Ph.D.		Applied Physics	Ph.D.
				Physics/Biochemistry (w/Biology & Chemistry)	Ph.D.
				Physics/Biophysics	Ph.D.
				Physics/Biochemistry & Biophysics (w/Biology & Chemistry)	Ph.D.
				Physics/Biochemistry & Biophysics (w/Biology & Chemistry)	Ph.D.

INDUSTRIAL MANAGEMENT
Industrial Management

B.S.

CARNEGIE MELLON UNIVERSITY

**Degree Programs
By College and Department
Academic Year 1992-93**

**GRADUATE SCHOOL OF INDUSTRIAL
ADMINISTRATION**

Industrial Administration	M.S.I.A.
Industrial Administration, minor in Public Management & Policy (w/ HNZ)	M.S.I.A.
Civil Engineering & Management (w/CIT)	M.S.
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.

**H. JOHN HEINZ SCHOOL OF PUBLIC POLICY
AND MANAGEMENT**

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.
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.
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, Institutions and Groups
By Academic, Research or Other Units
Fall 1992**

ACADEMIC UNITS

CARNEGIE INSTITUTE OF TECHNOLOGY

Center for Advanced Deformation Processing Research (CADPR)
Center for Dependable Systems (CDS)
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 Iron and Steelmaking Research (CISR)
Center for Risk Perception and Communication (CRPC)
Center for Solid Waste Management (CSWM)
Data Storage System Center (NSF/ERC DSSC)
Engineering Design Research Center (NSF/ERC)
Environmental Institute
Gov./Uni./Ind. Consortium Center for Bladed Disk Structures Research & Technology (GUIDe)
Information Networking Institute (INI)
Laboratory for Automated Systems & Information Processing (LASIP)
Pennsylvania SEMATECH Center of Excellence for Rapid Yield Learning (PA SCOE)
Program on Innovation, Technology & Economic Growth (PITEG)
Program on International Peace and Security (IPS)
SRC/CMU Research Center for Computer-Aided Design (SRC/CMU-RC-CAD)

COLLEGE OF FINE ARTS

Center for Building Performance and Diagnostics (CBPD)
Studio for Creative Inquiry (SFCI)

GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION

Carnegie Bosch Institute for Applied Studies in International Management (CBIASIM)
Center for the Management of Technology (CMT)
Center for Product Research (CPR)
Center for the Study of Public Policy (CSPP)
Donald H. Jones Center for Entrepreneurship (DHJCE)

HEINZ SCHOOL

Center for Economic Development (HEINZ CED)
Decision Systems Research Institute (DSRI)
Urban Systems Institute (USI)

HUMANITIES AND SOCIAL SCIENCES

Center for Advancement of Applied Ethics (CAAE)
Center for Educational Computing in English (CECE)
Center for History and Policy
Center for the Study of Writing (CSW)
Communications Design Center (CDC)
Laboratory for Computational Linguistics (LCL)
Pittsburgh Center for Social History (PCSH) (w/ U. of Pittsburgh)
Statistical Center for Quality Improvement (SCQI)

CARNEGIE MELLON UNIVERSITY

**Research Centers, Institutions and Groups
By Academic, Research or Other Units
Fall 1992**

MELLON COLLEGE OF SCIENCE

Center for Nonlinear Analysis (CNA)
Pittsburgh NMR Center for Biomedical Research (NMRCBR) (w/ U. of Pittsburgh)
Pittsburgh Supercomputing Center (PSC) (w/ U. of Pittsburgh and Westinghouse)
Science & Technology Center for Light Microscope Imaging and Biotechnology (STC)

SCHOOL OF COMPUTER SCIENCE

Center for Machine Translation (CMT)
Center for Thin Film Sciences (CTFS)
Field Robotics Center (FRC)
Information Technology Center (ITC)
Robotics Institute (RI)
Vision and Autonomous Systems Center (VASC)

RESEARCH INSTITUTES

CARNEGIE MELLON RESEARCH INSTITUTE (CMRI)

Advanced Devices and Materials Group (AD&MG)
High Technology Center (HTC)
Materials Technology Center (MTC)

Computer, Automation and Robotics Group
Computer Engineering Center (CEC)

Industry Systems Group
Rail Systems Center (MTC)
High Speed Ground Transportation Center (HSGTC)

Biotechnology Group
Center for Environmental Microbiology (CEM)

Management Technologies Group
Center for Postal Technology (CPT)
Center for Information Technology and Decision Making (CITDM)

Special Programs Group
Center for Materials Production (CMP)
Steel Structure Painting Council (Center for Surfaces & Coatings)
ASTM Engine Test Monitoring Center (ASTMC)
Research Center on the Materials of the Artist and Conversation (CMA&C)

SOFTWARE ENGINEERING INSTITUTE (SEI)

OTHER UNITS

Hunt Institute for Botanical Documentation (HIBD)
University Teaching Center (UTC)

CARNEGIE MELLON UNIVERSITY
Endowed and Named Professors
By College
Fall 1992

COLLEGE OF FINE ARTS

Andrew Mellon Professor
Bessie F. Anathan Professor in Fine Arts
Dorothy L. Stubnitz Professor
Niernberg Professor of Design
Phillip Chosky Visiting Professors 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 Professor
George Westinghouse Professor of Engineering
Gulf Oil Foundation Chair in Engineering
Mobay Professor in Chemical Engineering
Posco Professor
Rudolph R. & Florence Dean Professor of Chemical Engineering
Theodore Ahrens Professor of 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
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
Alumni Chair of Mathematics

SCHOOL OF COMPUTER SCIENCE

Alan J. Perlis Professor of Computer Science
U.A. & Helen Whitaker Professor of Computer Science
Finnmecanica Professor of Computer Science

H. JOHN HEINZ III SCHOOL OF PUBLIC POLICY & MANAGEMENT

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
Not Filled
Not Filled

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

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

Glymour, Clark
Just, Marcel A.
Stearns, Peter N.
Carpenter, Patricia A.
Kadane, Joseph B.
Hounshell, David W.
Fienberg, Stephen E.
Tarr, Joel A.
Steinberg, Erwin R.
Anderson, John R.

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

Habermann, Nico A.
Not Filled
Blelloch, Guy

Not Filled
Blumstein, Alfred

CARNEGIE MELLON UNIVERSITY

**Endowed and Named Professors
By College
Fall 1992**

CARNEGIE MELLON UNIVERSITY

**Alumni University Professor of Industrial Administration
and Applied Mathematics (GSIA)**

**Herbert A. Simon University Professor of Computer Science
Hillman University Professor of Computer Science, Philosophy,
and Mathematical Logic**

**Howard M. Wilcoff University Professor of Electrical and
Computer Engineering**

James H. Higgins University Professor of Economics

John E. Swearingen University Professor of Chemical Engineering

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 Electrical & Computer Eng.

University Professor of Physics (Emeritus)

University Professor

University Professor of Applied Science (Emeritus)

University Professor of Composition

University Professor of Electrical and Computer Engineering

University Professor of Psychology

University Professor of Physics and Mathematics

University Professor of Political Economy and Public Policy (GSIA)

William W. Cooper University Professor

Balas, Egon

**Reddy, D. Raj
Scott, Dana S.**

Rohrer, Ronald A.

**Lave, Lester B.
Westerberg, Arthur W.**

Simon, Herbert A.

Ijiri, Yuji

**Fenves, Stephen J.
Director, Stephen W.**

Wolfenstein, Lincoln

Zener, Clarence

Mullins, William W.

Balada, Leonardo

Jordan, Angel G.

Dawes, Robyn

Sekerka, Robert F.

Meltzer, Alan

Davis, Otto

CARNEGIE MELLON UNIVERSITY

**College and Department Accreditations
By College
Fall Semester 1992**

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**

Philosophy

Association for Symbolic Logic

**GRADUATE SCHOOL OF INDUSTRIAL
ADMINISTRATION**

**American Assembly of Collegiate Schools of Business
AACSB**

MELLON COLLEGE OF SCIENCE

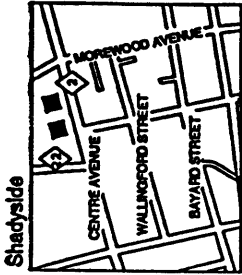
Chemistry

**American Chemical Society
ACS**

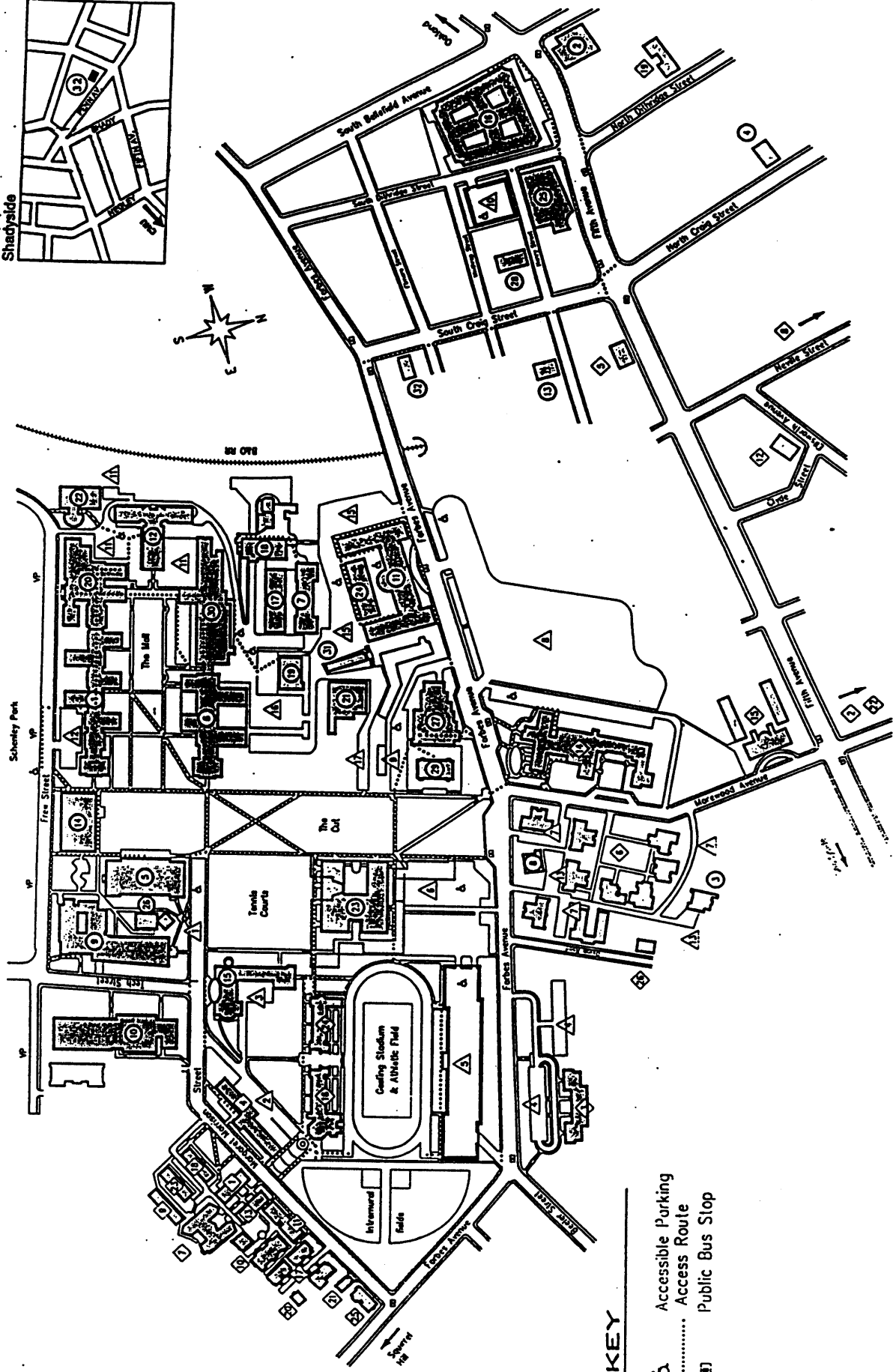
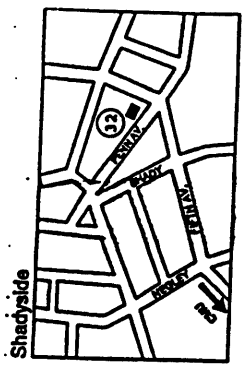
**H. JOHN HEINZ III SCHOOL OF
PUBLIC POLICY & MANAGEMENT**

**National Association of Schools of Public Affairs and
Administration
NASPAA**

Accessibility Guide Carnegie Mellon University Campus Map 1992



Carnegie Mellon



- KEY**
- ♿ Accessible Parking
 - Access Route
 - (BT) Public Bus Stop

Carnegie Mellon University Accessibility Guide

Key to Buildings and Services

○ ACADEMIC BUILDINGS

1. Baker Hall
2. Bellefield Towers
3. Bramer House
4. College Club
5. College of Fine Arts
6. Doherty Hall
7. Field and Mobile Robotics Building
8. 5017 Forbes Avenue
9. Graduate School of Industrial Administration
10. Gymnasium
11. Hamburg Hall
12. Hamerschlag Hall
13. 4616 Henry Street
14. Hunt Library
15. Margaret Morrison Carnegie Hall
16. Mellon Institute
17. Mine Safety Laboratory Building
18. Physical Plant Building
19. Planetary Robotics Building
20. Porter Hall
21. Publications and Printing Building
22. Scaife Hall
23. Skibo Hall (future University Center)
24. Smith Hall
25. Software Engineering Institute
26. Studio Theatre
27. University Computing Center
28. University Technology Development Center
29. Warner Hall
30. Wean Hall
31. West Garages
32. 407 South Craig Street

◇ RESIDENCE BUILDINGS

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

△ PARKING AREAS

1. Fine Arts
2. Sororities
3. Children's School
4. Doherty
5. East Campus Garage
6. Skibo
7. Fraternities
8. Morewood
9. Warner
10. Dithridge Street Garage
11. Porter-Hamerschlag-Wean
12. Baker
13. Bramer House & 5017 Forbes
15. Hamburg Hall
16. Lower Bureau of Mines
17. Upper Bureau of Mines
- VP. Visitor Parking
- ♿ Accessible Parking

COLLEGES

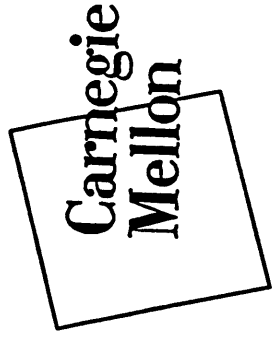
- Carnegie Institute of Technology (CIT) – Scaife Hall
- Mellon College of Science (MCS) – Scaife Hall
- College of Humanities and Social Sciences (H&SS) – Baker Hall
- College of Fine Arts (CFA) – Fine Arts
- Graduate School of Industrial Administration (GSIA)
- School of Urban and Public Affairs (SUPA) – Hamburg Hall
- School of Computer Science (SCS) – Wean Hall

- Admissions – Warner Hall
- Housing Office – Morewood Gardens
- Security – Baker Hall



Wheelchair Access

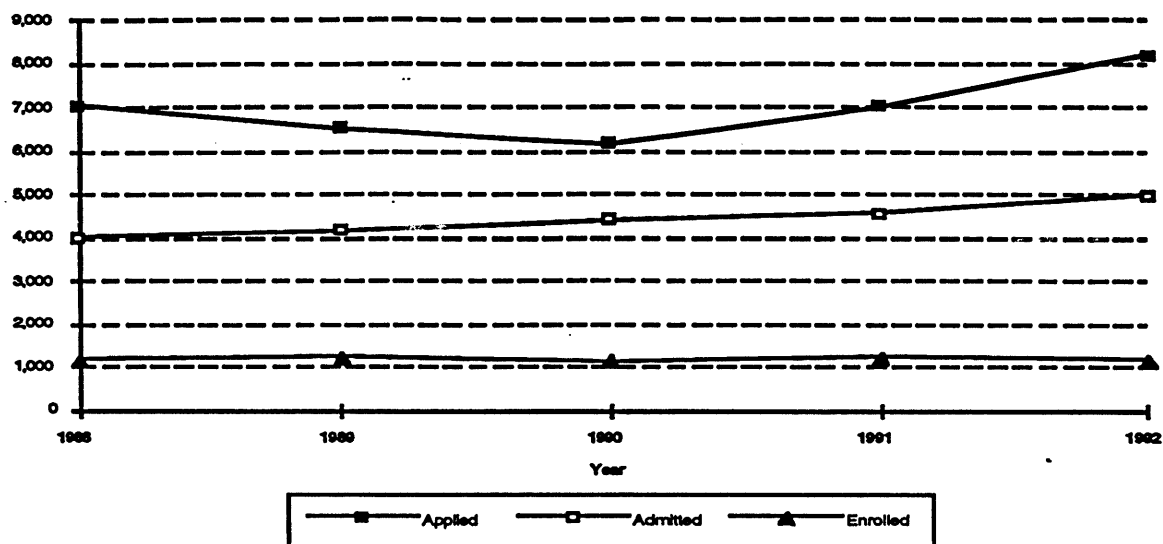
Information is available in Warner Hall
Office of Student Affairs



STUDENTS

CARNEGIE MELLON UNIVERSITY

Freshman Applicant Activity Fall Semesters 1988 to 1992

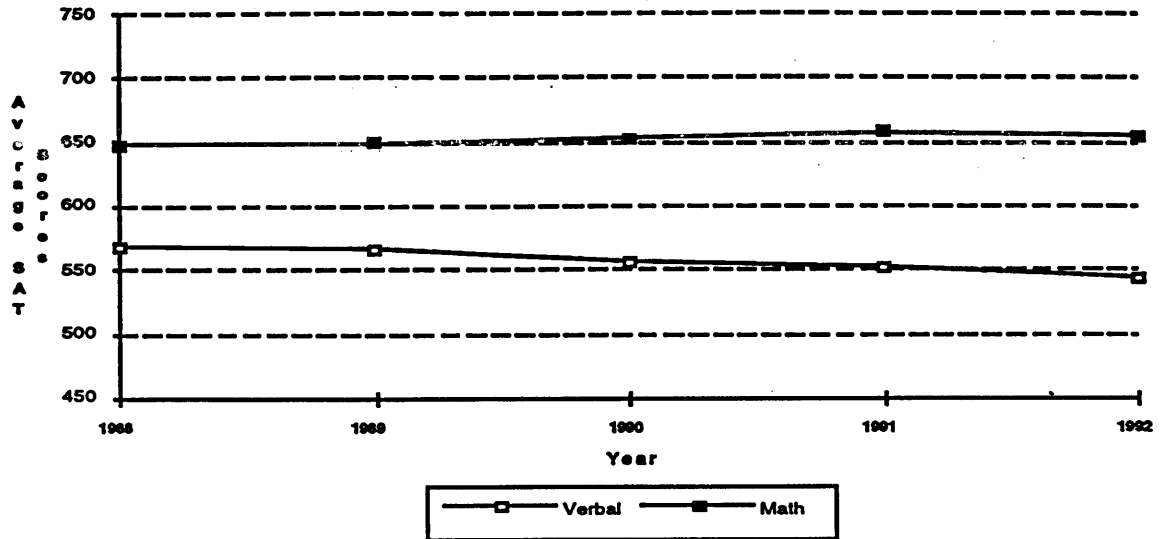


Freshman Applicant Activity By College Entering Fall Semesters 1988 to 1992

College	Applicant Activity:	1988	1989	1990	1991	1992
CFA	Applied	1,680	1,494	1,489	1,597	1,726
	Admitted	667	632	664	654	697
	Admitted %	40%	42%	45%	41%	40%
	Enrolled	276	263	239	243	231
	Yield %	41%	42%	36%	37%	33%
CIT	Applied	2,304	2,209	1,982	2,188	3,618
	Admitted	1,213	1,349	1,437	1,484	1,618
	Admitted %	53%	61%	73%	68%	45%
	Enrolled	320	379	365	376	383
	Yield %	26%	28%	25%	25%	24%
H&SS	Applied	1,367	1,262	1,113	1,239	1,471
	Admitted	981	1,003	1,009	1,002	1,161
	Admitted %	72%	79%	91%	81%	79%
	Enrolled	238	249	224	216	233
	Yield %	24%	25%	22%	22%	20%
IM	Applied	409	374	349	349	396
	Admitted	199	229	242	225	224
	Admitted %	49%	61%	69%	64%	58%
	Enrolled	53	69	58	52	65
	Yield %	27%	30%	24%	23%	29%
MCS	Applied	1,264	1,176	1,214	1,622	2,006
	Admitted	930	947	1,052	1,196	1,267
	Admitted %	74%	81%	87%	74%	63%
	Enrolled	247	238	246	290	233
	Yield %	27%	25%	23%	24%	18%
CMU	Applied	7,024	6,515	6,147	6,995	8,207
	Admitted	3,990	4,160	4,404	4,561	4,967
	Admitted %	57%	64%	72%	65%	61%
	Enrolled	1,134	1,198	1,132	1,177	1,145
	Yield %	28%	29%	26%	26%	23%

CARNEGIE MELLON UNIVERSITY

**Freshmen Average SAT Scores
CMU and National
Fall Semesters 1988 to 1992**



**Freshman Average SAT Scores
By College
Fall Semesters 1988 to 1992**

College		Average SAT Scores				
		1988	1989	1990	1991	1992
CFA	Verbal	530	537	536	550	537
	Math	572	589	598	609	603
	Total	1,102	1,126	1,134	1,159	1,140
CIT	Verbal	586	578	561	547	563
	Math	708	698	696	689	695
	Total	1,294	1,276	1,257	1,236	1,258
H&SS	Verbal	562	564	550	544	540
	Math	614	612	606	609	619
	Total	1,176	1,176	1,156	1,153	1,159
IM	Verbal	571	553	534	545	516
	Math	645	651	628	647	666
	Total	1,216	1,204	1,162	1,192	1,182
MCS	Verbal	584	582	568	564	559
	Math	682	677	684	688	685
	Total	1,266	1,259	1,252	1,252	1,244
CMU	Verbal	567	565	554	551	543
	Math	647	649	651	656	654
	Total	1,214	1,214	1,205	1,207	1,197
National	Verbal	428	427	424	422	423
	Math	476	476	476	474	476
	Total	904	903	900	896	899

CARNEGIE MELLON UNIVERSITY

**Top Ten Competing Schools
Entering Freshmen 1988 to 1992**

Based on Application Overlap

School	<u>Rank Each Year</u>				
	1992	1991	1990	1989	1988
Cornell	1	1	1	1	1
MIT	2	2	2	2	2
U of Penn	3	3	3	3	3
Northwestern	4	7	8	8	13
Johns Hopkins	5	11	18	15	22
Princeton	6	5	4	4	5
RPI	7	4	6	5	6
Penn State	8	6	5	6	4
Washington U	9	10	10	9	8
Case Western	10	14	25	28	34
Boston U	11	9	7	7	9
U. of Rochester	13	13	36	17	20
U. of Michigan	15	8	9	12	13
Duke	16	16	14	10	19
Brown	17	12	15	13	15
U. of Virginia	25	15	21	25	NR

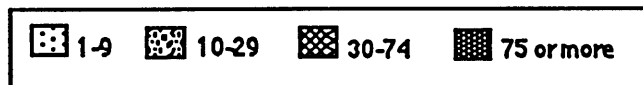
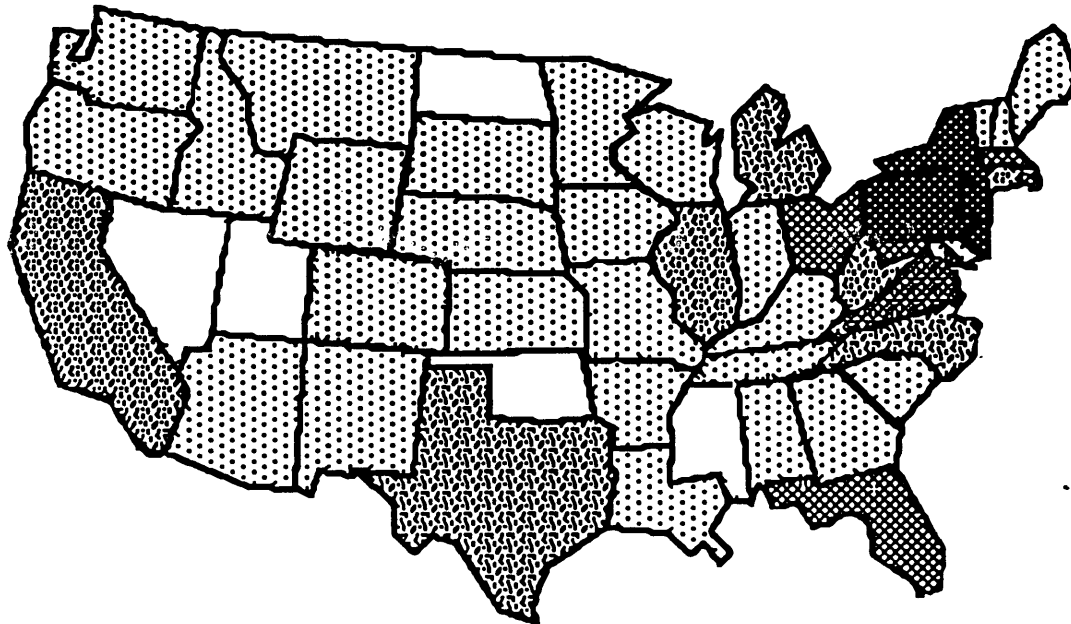
Based on Admittance Overlap

School	<u>Rank Each Year</u>				
	1992	1991	1990	1989	1988
Cornell	1	2	1	1	1
RPI	2	1	3	2	3
Penn State	3	3	2	3	2
Case Western	4	8	14	16	23
Boston U.	5	4	4	4	4
Washington U.	6	7	6	8	6
U. of Rochester	7	6	28	9	10
U. of Penn	8	9	5	5	8
Northwestern U.	9	10	12	14	13
U. of Michigan	10	5	10	14	14
John Hopkins	11	15	11	13	17
Rutgers	12	13	15	10	11
Lehigh	12	16	8	7	5
MIT	14	11	9	6	9
VPI	15	12	7	11	15
Syracuse	21	14	13	12	7

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

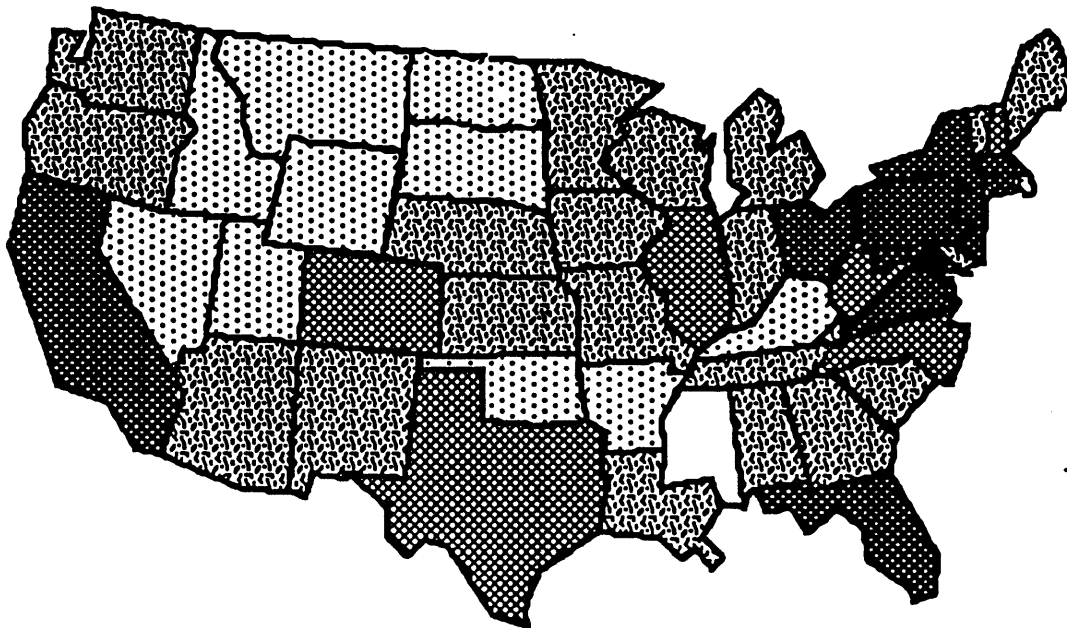
**Enrolled First-Time Freshmen
By Region and State
Fall Semester 1992**



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
New England	South	Midwest	West
Connecticut 21	Arkansas 3	Illinois 19	Alaska 0
Maine 4	Alabama 6	Indiana 2	California 29
Massachusetts 38	Florida 32	Iowa 3	Colorado 5
New Hampshire 5	Georgia 9	Kansas 1	Hawaii 4
Rhode Island 6	Kentucky 4	Michigan 10	Idaho 4
Vermont 5	Louisiana 4	Minnesota 5	Montana 1
TOTAL 79	Mississippi 0	Missouri 3	Nevada 0
Percent of Total 7%	North Carolina 16	Nebraska 3	Oregon 4
Middle States	South Carolina 5	North Dakota 0	Utah 0
Delaware 5	Tennessee 7	South Dakota 1	Washington 2
District of Columbia 5	Virginia 44	Wisconsin 7	Wyoming 1
Maryland 55	TOTAL 130	TOTAL 54	TOTAL 50
New Jersey 104	Percent of Total 11%	Percent of Total 5%	Percent of Total 4%
New York 121	Southwest	U.S. Territories 6	U.S. Total 1,017
Ohio 65	Arizona 3		Percent of Total 89%
Pennsylvania 309	New Mexico 2	Unknown 0	Foreign Countries 128
West Virginia 10	Oklahoma 0		
TOTAL 674	Texas 19		
Percent of Total 59%	TOTAL 24		
	Percent of Total 2%		TOTAL 1,145

CARNEGIE MELLON UNIVERSITY

**Undergraduate Full-Time Headcount Enrollment
By Region and State
Fall Semester 1992**



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
New England	South	Midwest	West
Connecticut 92	Arkansas 7	Illinois 61	Alaska 5
Maine 20	Alabama 11	Indiana 12	California 100
Massachusetts 135	Florida 100	Iowa 11	Colorado 30
New Hampshire 33	Georgia 24	Kansas 10	Hawaii 16
Rhode Island 24	Kentucky 13	Michigan 43	Idaho 8
Vermont 18	Louisiana 15	Minnesota 18	Montana 6
TOTAL 322	Mississippi 0	Missouri 21	Nevada 1
Percent of Total 7%	North Carolina 38	Nebraska 13	Oregon 19
	South Carolina 17	North Dakota 1	Utah 2
Middle States	Tennessee 22	South Dakota 2	Washington 27
Delaware 15	Virginia 128	Wisconsin 18	Wyoming 1
District of Columbia 17	TOTAL 375	TOTAL 210	TOTAL 215
Maryland 208	Percent of Total 9%	Percent of Total 5%	Percent of Total 5%
New Jersey 348	Southwest		
New York 450		U.S Territories 11	U.S. Total 4,030
Ohio 228	Arizona 10		Percent of Total 94%
Pennsylvania 1,465	New Mexico 10	US Citizens Abroad 0	
West Virginia 50	Oklahoma 5		
TOTAL 2,781	Texas 55	Unknown 36	Foreign Countries 272
Percent of Total 65%	TOTAL 80		
	Percent of Total 2%		TOTAL 4,302

CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Continent and Country of Citizenship
Fall Semester 1992**

Continent	Country	Undergraduate	Graduate	Special	Total
Africa	Algeria	0	1	0	1
	Botswana	0	2	0	2
	Cameroon	0	1	0	1
	Egypt	0	2	0	2
	Ghana	1	0	0	1
	Kenya	0	3	0	3
	Morocco	0	8	0	8
	Niger	0	1	0	1
	Nigeria	0	0	0	0
	Senegal	0	1	0	1
	South Africa	0	3	0	3
	Swaziland	1	1	0	2
	Tunisia	0	0	0	0
	Upper Volta / Burkina Faso	1	0	0	1
TOTAL		3	23	0	26
Asia	Bangladesh	0	1	0	1
	China (Peoples Republic)	2	87	0	89
	China (Taiwan)	17	55	1	73
	Cyprus	0	4	0	4
	Estonia	0	2	0	2
	Hong Kong	23	7	0	30
	India	33	142	0	175
	Indonesia	13	19	0	32
	Iran	0	0	0	0
	Israel	0	11	0	11
	Japan	17	59	0	76
	Kuwait	1	0	0	1
	Lebanon	0	1	0	1
	Malaysia	23	13	0	36
	North Korea	2	0	0	2
	Pakistan	10	3	0	13
	Philippines	2	2	0	4
	USSR	0	3	0	3
	Saudi Arabia	1	2	0	3
	Singapore	30	8	0	38
	South Korea	13	33	0	46
	Sri Lanka	0	6	0	6
	Syria	0	0	0	0
Thailand	22	4	0	26	
United Arab Emirates	1	0	0	1	
Vietnam	0	0	0	0	
TOTAL		210	462	1	673
Australia	Australia	1	5	0	6
	New Zealand	0	2	0	2
	TOTAL	1	7	0	8
Europe	Austria	1	2	1	4
	Belgium	0	8	0	8
	Bulgaria	0	1	0	1

CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Continent and Country of Citizenship
Fall Semester 1992**

Continent	Country	Undergraduate	Graduate	Special	Total
Europe (cont.)	Czechoslovakia	0	3	0	3
	Denmark	0	1	0	1
	Finland	0	1	0	1
	France	2	9	0	11
	Germany	4	14	2	20
	Greece	0	10	0	10
	Hungary	0	1	0	1
	Iceland	0	1	0	1
	Ireland	0	5	0	5
	Italy	0	11	0	11
	Luxembourg	0	1	0	1
	Netherlands Antilles	0	0	0	0
	Netherlands	1	2	0	3
	Norway	0	2	0	2
	Poland	0	5	0	5
	Portugal	0	8	0	8
	Romania	0	2	0	2
	Spain	5	9	0	14
	Sweden	0	1	0	1
	Switzerland	2	9	0	11
	Turkey	3	19	1	23
	United Kingdom	5	10	0	15
	Yugoslavia	0	8	0	8
TOTAL		23	143	4	170
Central/South America	Argentina	1	6	0	7
	Barbados	1	0	0	1
	British Virgin Islands	1	0	0	1
	Bolivia	2	0	0	2
	Brazil	2	16	0	18
	Chile	1	9	0	10
	Columbia	0	2	0	2
	Costa Rica	0	0	0	0
	Dominican Republic	0	1	0	1
	El Salvador	1	0	0	1
	Ecuador	0	1	0	1
	Guatemala	1	0	0	1
	Guinea	0	1	0	1
	Jamaica	0	1	0	1
	Mexico	2	14	0	16
	Nicaragua	0	0	0	0
	Panama	0	1	0	1
	Peru	1	1	0	2
	St. Christopher - Nevis	1	0	0	1
	Trinidad & Tobago	0	1	0	1
Uruguay	0	0	0	0	
Venezuela	5	9	0	14	
TOTAL		19	63	0	82
North America	Canada	6	34	0	40
Other	TOTAL	10	7	0	17
Total Non-US Citizens		272	739	5	1,016
Total US Citizens		4,030	1,918	167	6,115
TOTAL		4,302	2,657	172	7,131

CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Department, Level and Status
Fall Semester 1992**

College	Department	Undergraduate			Graduate			Total Students		
		Full	Part	Total	Full	Part	Total	Full	Part	Total
CFA	Architecture	252	11	263	16	21	37	268	32	300
	Art	163	13	176	12	0	12	175	13	188
	Design	180	5	185	0	0	0	180	5	185
	Drama	153	8	161	26	12	38	179	20	199
	Music	103	8	111	2	50	52	105	58	163
	No Major Dept.	13	1	14	0	0	0	13	1	14
	TOTAL CFA	864	46	910	56	83	139	920	129	1,049
CIT	Biomedical E.	0	0	0	7	0	7	7	0	7
	Chemical E.	162	1	163	54	22	76	216	23	239
	Civil E.	112	1	113	49	17	66	161	18	179
	E & C E.	369	7	376	199	23	222	568	30	598
	EPP	0	0	0	24	11	35	24	11	35
	Mfg. E.	0	0	0	5	1	6	5	1	6
	Mechanical E.	233	10	243	55	38	93	288	48	336
	MSE	58	1	59	48	8	56	106	9	115
	No Major Dept.	396	1	397	0	0	0	396	1	397
TOTAL CIT	1,330	21	1,351	441	120	561	1,771	141	1,912	
GSIA		0	0	0	455	206	661	455	206	661
H&SS	Economics	35	3	38	0	0	0	35	3	38
	English	104	13	117	51	39	90	155	52	207
	History	48	4	52	13	35	48	61	39	100
	IM - H&SS	62	1	63	0	0	0	62	1	63
	Modern Lang.	5	1	6	0	0	0	5	1	6
	Philosophy	5	1	6	34	9	43	39	10	49
	Psychology	38	4	42	28	8	36	66	12	78
	S & D S.	92	7	99	13	6	19	105	13	118
	Statistics	1	0	1	26	4	30	27	4	31
	Student Def'd.	1	1	2	0	0	0	1	1	2
	No Major Dept.	461	12	473	0	0	0	461	12	473
	TOTAL H&SS	852	47	899	165	101	266	1,017	148	1,165
IM		277	10	287	0	0	0	277	10	287
INI		0	0	0	45	0	45	45	0	45
MCS	Biology	126	7	133	52	4	56	178	11	189
	Chemistry	50	1	51	49	6	55	99	7	106
	Math	70	12	82	41	2	43	111	14	125
	Physics	72	2	74	55	7	62	127	9	136
	No Major Dept.	240	0	240	0	0	0	240	0	240
TOTAL MCS	558	22	580	197	19	216	755	41	796	
SCS	Comp. Sci.	265	10	275	170	24	194	435	34	469
	Robotics	0	0	0	52	2	54	52	2	54
	TOTAL SCS	265	10	275	222	26	248	487	36	523
HNZ		0	0	0	215	306	521	215	306	521
NON-DEGREE		0	0	0	0	0	0	7	165	172
TOTAL		4,146	156	4,302	1,796	861	2,657	5,949	1,182	7,131

CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Department, Level and Sex
Fall Semester 1992**

College	Department	Undergraduate			Graduate			Total Students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
CFA	Architecture	175	88	263	32	5	37	207	93	300
	Art	74	102	176	7	5	12	81	107	188
	Design	90	95	185	0	0	0	90	95	185
	Drama	85	76	161	22	16	38	107	92	199
	Music	51	60	111	26	26	52	77	86	163
	No Major Dept.	8	6	14	0	0	0	8	6	14
	TOTAL CFA		483	427	910	87	52	139	570	479
CIT	Biomedical E.	0	0	0	4	3	7	4	3	7
	Chemical E.	108	55	163	55	21	76	163	76	239
	Civil E.	88	25	113	58	8	66	146	33	179
	E & C E.	351	25	376	197	25	222	548	50	598
	EPP	0	0	0	25	10	35	25	10	35
	Mfg. E.	0	0	0	6	0	6	6	0	6
	Mechanical E.	214	29	243	83	10	93	297	39	336
	MSE	53	6	59	46	10	56	99	16	115
	No Major Dept.	336	61	397	0	0	0	336	61	397
TOTAL CIT		1,150	201	1,351	474	87	561	1,624	288	1,912
GSIA		0	0	0	535	126	661	535	126	661
H&SS	Economics	31	7	38	0	0	0	31	7	38
	English	41	76	117	31	59	90	72	135	207
	History	30	22	52	28	20	48	58	42	100
	IM - H&SS	39	24	63	0	0	0	39	24	63
	Modern Lang.	2	4	6	0	0	0	2	4	6
	Philosophy	5	1	6	36	7	43	41	8	49
	Psychology	25	17	42	23	13	36	48	30	78
	S & D S.	68	31	99	10	9	19	78	40	118
	Statistics	1	0	1	20	10	30	21	10	31
	Student Def'd.	1	1	2	0	0	0	1	1	2
	No Major Dept.	277	196	473	0	0	0	277	196	473
	TOTAL H&SS		520	379	899	148	118	266	668	497
IM		187	100	287	0	0	0	187	100	287
INI		0	0	0	40	5	45	40	5	45
MCS	Biology	71	62	133	30	26	56	101	88	189
	Chemistry	32	19	51	38	17	55	70	36	106
	Math	61	21	82	35	8	43	96	29	125
	Physics	65	9	74	56	6	62	121	15	136
	No Major Dept.	176	64	240	0	0	0	176	64	240
TOTAL MCS		405	175	580	159	57	216	564	232	796
SCS	Comp. Sci.	255	20	275	168	26	194	423	46	469
	Robotics	0	0	0	50	4	54	50	4	54
	TOTAL SCS		255	20	275	218	30	248	473	50
HNZ		0	0	0	230	291	521	230	291	521
	NON-DEGREE	0	0	0	0	0	0	85	87	172
TOTAL		3,000	1,302	4,302	1,891	766	2,657	4,976	2,155	7,131

CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Department and Class
Fall Semester 1992**

College	Department	Undergraduate				Total	Graduate	Headcount
		Fresh.	Soph.	Junr.	Senr.		Total	Total
CFA	Architecture	72	59	53	79	263	37	300
	Art	54	41	34	47	176	12	188
	Design	60	43	41	41	185	0	185
	Drama	62	40	35	24	161	38	199
	Music	30	33	19	29	111	52	163
	No Major Dept.	1	4	6	3	14	0	14
	TOTAL CFA		279	220	188	223	910	139
CIT	Biomedical E.	0	0	0	0	0	7	7
	Chemical E.	2	60	58	43	163	76	239
	Civil E.	0	38	31	44	113	66	179
	E & C E.	0	143	126	107	376	222	598
	EPP	0	0	0	0	0	35	35
	Mfg. E.	0	0	0	0	0	6	6
	Mechanical E.	1	83	86	73	243	93	336
	MSE	1	23	9	26	59	56	115
	No Major Dept.	391	5	1	0	397	0	397
TOTAL CIT		395	352	311	293	1,351	561	1,912
GSIA		0	0	0	0	0	661	661
H&SS	Economics	0	2	17	19	38	0	38
	English	0	1	42	74	117	90	207
	History	0	0	22	30	52	48	100
	IM-H&SS	34	29	0	0	63	0	63
	Modern Lang.	0	1	1	4	6	0	6
	Philosophy	0	0	3	3	6	43	49
	Psychology	0	0	20	22	42	36	78
	S & D S.	0	0	46	53	99	19	118
	Statistics	0	0	0	1	1	30	31
	Student Def'd.	0	0	1	1	2	0	2
	No Major Dept.	240	203	26	4	473	0	473
TOTAL H&SS		274	236	178	211	899	266	1,165
IM		30	29	101	127	287	0	287
INI		0	0	0	0	0	45	45
MCS	Biology	0	55	38	40	133	56	189
	Chemistry	0	20	14	17	51	55	106
	Math	3	23	21	35	82	43	125
	Physics	1	34	17	22	74	62	136
	No Major Dept.	235	4	1	0	240	0	240
	TOTAL MCS		239	136	91	114	580	216
SCS	Comp. Sci.	0	112	92	71	275	194	469
	Robotics	0	0	0	0	0	54	54
	TOTAL SCS		0	112	92	71	275	248
HNZ		0	0	0	0	0	521	521
NON-DEGREE		0	0	0	0	0	0	172
TOTAL		1,217	1,085	961	1,039	4,302	2,657	7,131

CARNEGIE MELLON UNIVERSITY

**Full-Time Equivalent (FTE) Enrollment
By Department and Class
Fall Semester 1992**

College	Department	Undergraduate				Total	Graduate	FTE	
		Fresh.	Soph.	Junr.	Senr.		Total	Total	
CFA	Architecture	71.8	58.8	52.9	77.1	260.6	25.2	285.8	
	Art	53.6	40.2	33.3	44.0	171.0	12.0	183.0	
	Design	60.0	42.5	40.6	39.6	182.7	0.0	182.7	
	Drama	62.0	36.1	35.0	23.7	156.8	32.9	189.7	
	Music	28.3	32.5	18.8	28.0	107.5	34.7	142.2	
	No Major Dept.	1.0	4.0	5.5	3.0	13.5	0.0	13.5	
	TOTAL CFA		276.6	214.1	186.0	215.3	892.1	104.8	996.9
CIT	Biomedical E.	0.0	0.0	0.0	0.0	0.0	7.0	7.0	
	Chemical E.	2.0	60.0	57.8	43.0	162.8	60.4	223.2	
	Civil E.	0.0	37.6	31.0	44.0	112.6	54.8	167.4	
	E & C E.	0.0	142.9	126.0	104.5	373.4	206.4	579.9	
	EPP	0.0	0.0	0.0	0.0	0.0	30.1	30.1	
	Mfg. E.	0.0	0.0	0.0	0.0	0.0	5.8	5.8	
	Mechanical E.	1.0	82.8	85.5	70.3	239.6	72.0	311.6	
	MSE	1.0	23.0	9.0	25.6	58.6	49.3	107.9	
	No Major Dept.	391.0	4.8	1.0	0.0	396.8	0.0	396.8	
	TOTAL CIT		395.0	351.1	310.3	287.4	1,343.9	485.9	1,829.7
GSIA		0.0	0.0	0.0	0.0	0.0	568.5	568.5	
H&SS	Economics	0.0	2.0	16.9	18.5	37.4	0.0	37.4	
	English	0.0	1.0	40.2	71.6	112.7	63.2	175.9	
	History	0.0	0.0	21.8	29.3	51.0	17.9	68.9	
	IM - H&SS	34.0	28.1	0.0	0.0	62.1	0.0	62.1	
	Modern Lang.	0.0	1.0	1.0	3.5	5.5	0.0	5.5	
	Philosophy	0.0	0.0	3.0	2.5	5.5	36.2	41.7	
	Psychology	0.0	0.0	20.0	20.3	40.3	29.1	69.4	
	S & D S.	0.0	0.0	45.0	49.5	94.5	14.6	109.1	
	Statistics	0.0	0.0	0.0	1.0	1.0	27.7	28.7	
	Student Def'd.	0.0	0.0	1.0	0.0	1.0	0.0	1.0	
	No Major Dept.	238.8	201.9	25.2	3.7	469.5	0.0	469.5	
	TOTAL H&SS		272.8	233.9	174.0	199.8	880.5	188.6	1,069.1
	IM		30.0	29.0	100.8	121.6	281.3	0.0	281.3
INI		0.0	0.0	0.0	0.0	0.0	45.0	45.0	
MCS	Biology	0.0	55.0	37.5	37.0	129.5	53.5	183.0	
	Chemistry	0.0	20.0	13.9	17.0	50.9	51.8	102.6	
	Math	3.0	22.5	20.8	30.8	77.0	42.3	119.3	
	Physics	1.0	34.0	17.0	20.5	72.5	57.3	129.9	
	No Major Dept.	235.0	4.0	1.0	0.0	240.0	0.0	240.0	
	TOTAL MCS		239.0	135.5	90.1	105.3	569.9	204.9	774.8
SCS	Comp. Sci.	0.0	112.0	90.5	68.4	270.9	177.8	448.8	
	Robotics	0.0	0.0	0.0	0.0	0.0	52.3	52.3	
	TOTAL SCS		0.0	112.0	90.5	68.4	270.9	230.1	501.0
HNZ		0.0	0.0	0.0	0.0	0.0	316.9	316.9	
NON-DEGREE		0.0	0.0	0.0	0.0	0.0	0.0	61.7	
TOTAL		1,213.4	1,075.7	951.7	997.7	4,238.6	2,144.6	6,444.8	

CARNEGIE MELLON UNIVERSITY

**Headcount and FTE Enrollment
By College, Level and Status
Fall Semesters 1987 to 1992**

College	Status	1987			1988			1989		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	878	87	965	888	90	978	933	84	1,017
	Part	45	59	104	45	64	109	37	81	118
	Total	923	146	1,069	933	154	1,087	970	165	1,135
FTE	906.1	117.3	1,023.4	916.0	121.0	1,037.0	953.4	127.2	1,080.6	
CIT	Headcount									
	Full	1,238	493	1,731	1,189	473	1,662	1,201	446	1,647
	Part	38	131	169	33	125	158	40	108	148
	Total	1,276	624	1,900	1,222	598	1,820	1,241	554	1,795
FTE	1,245.8	539.5	1,785.3	1,200.3	510.3	1,710.6	1,215.4	482.5	1,697.9	
GSIA	Headcount									
	Full	0	413	413	0	492	492	0	457	457
	Part	0	162	162	0	177	177	0	209	209
	Total	0	575	575	0	669	669	0	666	666
FTE	0.0	492.3	492.3	0.0	579.1	579.1	0.0	568.5	568.5	
H&SS	Headcount									
	Full	985	119	1,104	1,027	127	1,154	1,031	122	1,153
	Part	31	91	122	40	95	135	46	109	155
	Total	1,016	210	1,226	1,067	222	1,289	1,077	231	1,308
FTE	1,000.8	137.5	1,138.3	1,049.2	145.8	1,195.0	1,057.6	142.4	1,200.0	
IM	Headcount									
	Full	241	0	241	221	0	221	239	0	239
	Part	4	0	4	4	0	4	6	0	6
	Total	245	0	245	225	0	225	245	0	245
FTE	242.9	0.0	242.9	223.3	0.0	223.3	242.8	0.0	242.8	
INI	Headcount									
	Full	0	0	0	0	0	0	0	24	24
	Part	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	24	24
FTE			0.0			0.0		24.0	24.0	
MCS	Headcount									
	Full	779	193	972	764	184	948	732	204	936
	Part	38	27	65	29	32	61	31	34	65
	Total	817	220	1,037	793	216	1,009	763	238	1,001
FTE	795.6	197.8	993.4	779.3	193.8	973.1	743.0	210.4	953.4	
SCS	Headcount									
	Full	0	161	161	0	155	155	0	180	180
	Part	0	4	4	0	10	10	0	13	13
	Total	0	165	165	0	165	165	0	193	193
FTE	0.0	163.2	163.2	0.0	157.1	157.1	0.0	185.4	185.4	
HNZ	Headcount									
	Full	12	146	158	19	170	189	0	226	226
	Part	1	326	327	0	326	326	0	291	291
	Total	13	472	485	19	496	515	0	517	517
FTE	13.0	258.8	271.8	19.0	269.1	288.1	0.0	312.7	312.7	
TOTAL*	Headcount									
	Full	4,133	1,612	5,749	4,108	1,691	5,806	4,136	1,743	5,887
	Part	157	800	1,167	151	829	1,187	160	845	1,203
	Total	4,290	2,412	6,916	4,259	2,520	6,993	4,296	2,588	7,090
FTE	4,204.2	1,906.4	6,182.2	4,187.1	1,976.2	6,239.3	4,212.2	2,053.1	6,345.1	

*Total includes Non-Degree Headcount and FTE Enrollment

CARNEGIE MELLON UNIVERSITY

**Headcount and FTE Enrollment
By College, Level and Status
Fall Semesters 1987 to 1992**

College	Status	1990			1991			1992		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	958	70	1,028	925	63	988	864	55	920
	Part	28	87	115	17	70	87	46	83	129
	Total	986	157	1,143	942	133	1,075	910	139	1,049
FTE	959.1	117.2	1,086.3	936.0	104.1	1,040.1	892.1	104.8	996.9	
CIT	Headcount									
	Full	1,231	494	1,725	1,265	499	1,764	1,330	441	1,771
	Part	29	111	140	15	89	104	21	120	141
	Total	1,260	605	1,865	1,280	588	1,868	1,351	561	1,912
FTE	1,238.7	526.0	1,764.7	1,274.2	528.4	1,802.5	1,343.9	485.9	1,829.7	
GSIA	Headcount									
	Full	2	451	453	0	476	476	0	455	455
	Part	0	180	180	0	174	174	0	206	206
	Total	2	631	633	0	650	650	0	661	661
FTE	2.0	561.5	563.5	0.0	588.4	588.4	0.0	568.5	568.5	
H&SS	Headcount									
	Full	968	151	1,119	860	158	1,018	852	165	1,017
	Part	36	106	142	31	102	133	47	101	148
	Total	1,004	257	1,261	891	260	1,151	899	266	1,165
FTE	979.1	171.6	1,150.7	877.9	180.0	1,058.0	880.5	188.6	1,069.1	
IM	Headcount									
	Full	258	0	258	289	0	289	277	0	277
	Part	4	0	4	6	0	6	10	0	10
	Total	262	0	262	295	0	295	287	0	287
FTE	259.5	0.0	259.5	292.3	0.0	292.3	281.3	0.0	281.3	
INI	Headcount									
	Full	0	38	38	0	46	46	0	45	45
	Part	0	24	24	0	0	0	0	0	0
	Total	0	62	62	0	46	46	0	45	45
FTE	0.0	38.0	38.0	0.0	46.0	46.0	0.0	45.0	45.0	
MCS	Headcount									
	Full	698	202	900	616	194	810	558	197	755
	Part	32	22	54	17	16	33	22	19	41
	Total	730	224	954	633	210	843	580	216	796
FTE	710.8	208.9	919.7	624.1	200.6	824.8	569.9	204.9	774.8	
SCS	Headcount									
	Full	80	217	297	236	231	467	265	222	487
	Part	3	20	23	8	25	33	10	26	36
	Total	83	237	320	244	256	500	275	248	523
FTE	80.0	227.2	307.2	241.6	240.6	482.2	270.9	230.1	501.0	
HNZ	Headcount									
	Full	0	226	226	0	231	231	0	215	215
	Part	0	309	309	0	338	338	0	306	306
	Total	0	535	535	0	569	569	0	521	521
FTE	0.0	322.4	322.4	0.0	339.6	339.6	0.0	316.9	316.9	
TOTAL*	Headcount									
	Full	4,195	1,849	6,047	4,191	1,898	6,095	4,146	1,796	5,949
	Part	132	859	1,169	94	814	1,053	156	861	1,182
	Total	4,327	2,708	7,216	4,285	2,712	7,148	4,302	2,657	7,131
FTE	4,239.2	2,172.9	6,471.7	4,246.0	2,227.8	6,526.5	4,238.6	2,144.6	6,444.8	

*Total includes Non-Degree Headcount and FTE Enrollment

CARNEGIE MELLON UNIVERSITY

**Undergraduate Headcount Enrollment
By Department, Race and Sex
Fall Semester 1992**

College	NRA		Black		A/AN		A/PI		Hisp.		White		Unkn.		Total
Department	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CFA															
Architecture	17	7	4	1	0	0	22	14	8	3	91	40	33	23	263
Art	0	1	4	2	1	0	2	7	0	1	47	63	20	28	176
Design	4	4	0	1	0	0	8	10	1	1	57	57	20	22	185
Drama	2	0	5	7	0	0	1	1	2	3	56	47	19	18	161
Music	3	6	3	2	0	0	1	2	3	0	30	39	11	11	111
No Major Dept.	1	0	0	1	0	0	0	2	0	0	6	1	1	2	14
→ TOTAL CFA	27	18	16	14	1	0	34	36	14	8	287	247	104	104	910
CIT															
Biomedical E.															0
Chemical E.	5	4	2	4	0	0	10	8	0	1	74	32	17	6	163
Civil E.	4	1	4	2	0	0	6	3	0	1	63	13	11	5	113
E&C E.	57	5	12	1	1	0	46	5	5	0	157	9	73	5	376
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.	13	1	13	0	0	0	25	4	1	0	125	21	37	3	243
MEMS	5	0	1	0	0	0	3	1	0	0	33	3	11	2	59
No Major Dept.	37	3	15	7	0	0	55	4	18	3	173	36	38	8	397
→ TOTAL CIT	121	14	47	14	1	0	145	25	24	5	625	114	187	29	1,351
→ GSIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H&SS															
Economics	8	1	0	3	0	0	3	1	0	0	15	0	5	2	38
English	1	0	1	3	0	0	2	3	0	0	20	42	17	28	117
History	0	0	1	1	0	0	1	1	0	0	21	17	7	3	52
IM - H&SS	3	3	0	2	0	0	5	5	2	0	27	14	2	0	63
Modern Lang.	0	0	0	0	0	0	1	0	0	1	0	1	1	2	6
Philosophy	0	0	0	0	0	0	0	0	0	0	3	0	2	1	6
Psychology	1	0	0	0	0	0	0	3	2	0	18	9	4	5	42
S & D S.	5	2	1	5	0	0	8	0	1	0	32	19	21	5	99
Statistics	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Student Defd.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
No Major Dept.	27	18	9	5	0	3	38	24	6	4	163	118	34	24	473
→ TOTAL H&SS	45	24	12	19	0	3	58	37	11	5	300	221	94	70	899
→ IM	19	6	7	6	0	0	23	21	2	2	101	53	35	12	287
→ INI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCS															
Biology	3	4	0	5	0	0	11	6	1	0	37	35	19	12	133
Chemistry	2	1	0	0	0	0	2	7	0	0	23	10	5	1	51
Math	2	2	1	1	0	0	4	1	1	1	34	13	19	3	82
Physics	2	0	1	0	1	0	6	1	0	0	42	7	13	1	74
No Major Dept.	19	6	4	3	0	0	34	14	4	1	93	35	22	5	240
→ TOTAL MCS	28	13	6	9	1	0	57	29	6	2	229	100	78	22	580
SCS															
Comp. Sci.	26	5	3	2	0	1	34	7	2	0	137	5	53	0	275
Robotics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
→ TOTAL SCS	26	5	3	2	0	1	34	7	2	0	137	5	53	0	275
→ HNZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
→ TOTAL	266	80	91	64	3	4	351	155	59	22	1,679	740	551	237	4,302

CARNEGIE MELLON UNIVERSITY

Graduate Headcount Enrollment
By Department, Race and Sex
Fall Semester 1992

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	
CFA																
Architecture		26	4	0	0	0	0	1	0	0	0	3	1	2	0	37
Art		1	0	0	0	0	0	0	0	1	0	4	2	1	3	12
Design		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drama		2	1	0	0	0	0	1	0	1	0	7	4	11	11	38
Music		4	12	1	1	0	0	1	0	0	0	7	3	13	10	52
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CFA		33	17	1	1	0	0	3	0	2	0	21	10	27	24	139
CIT																
Biomedical E.		2	1	0	1	0	0	0	0	0	0	1	0	1	1	7
Chemical E.		24	2	0	0	0	0	0	3	0	1	17	11	14	4	76
Civil E.		39	2	0	0	0	0	0	0	0	0	12	4	7	2	66
E & C E.		66	13	0	0	0	0	3	0	0	1	56	6	52	5	222
EPP		11	3	1	1	0	0	1	0	0	0	6	4	6	2	35
Mfg. E.		4	0	0	0	0	0	0	0	0	0	0	0	2	0	6
Mechanical E.		41	0	1	0	1	0	2	0	0	0	18	7	20	3	93
MSE		30	4	0	0	0	0	0	1	0	0	7	2	9	3	56
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CIT		237	25	2	2	1	0	6	4	0	2	117	34	111	20	561
GSIA		167	31	2	2	0	0	22	6	3	0	185	53	157	33	661
H&SS																
Economics		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
English		3	1	0	0	0	0	0	1	0	1	15	28	13	28	90
History		2	2	1	1	0	0	0	0	0	0	15	8	10	9	48
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		22	2	0	0	0	0	0	0	0	0	7	2	7	3	43
Psychology		8	0	0	0	0	0	0	2	0	0	4	9	11	2	36
S & D S.		4	1	0	0	0	0	0	0	0	0	5	6	1	2	19
Statistics		12	3	0	0	0	0	0	0	0	0	5	4	3	3	30
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
TOTAL H&SS		51	9	1	1	0	0	0	3	0	1	51	57	45	47	266
IM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INI		6	2	3	0	0	0	1	2	3	0	11	0	16	1	45
MCS																
Biology		10	5	2	1	0	0	0	0	0	0	8	8	10	12	56
Chemistry		7	9	1	0	0	0	0	0	0	0	19	4	11	4	55
Math		20	3	0	0	0	0	0	0	0	0	6	4	9	1	43
Physics		28	5	0	0	0	0	1	0	0	0	17	0	10	1	62
No Major Dept.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MCS		65	22	3	1	0	0	1	0	0	0	50	16	40	18	216
SCS																
Comp. Sci.		53	10	1	0	0	0	4	0	2	0	46	9	62	7	194
Robotics		24	1	0	0	0	0	0	1	0	2	11	0	12	3	54
TOTAL SCS		77	11	1	0	0	0	4	1	2	2	57	9	74	10	248
HNZ		50	24	6	12	1	1	0	5	2	0	90	124	81	125	521
TOTAL		686	141	19	19	2	1	37	21	12	5	582	303	551	278	2,657

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CARNEGIE MELLON UNIVERSITY

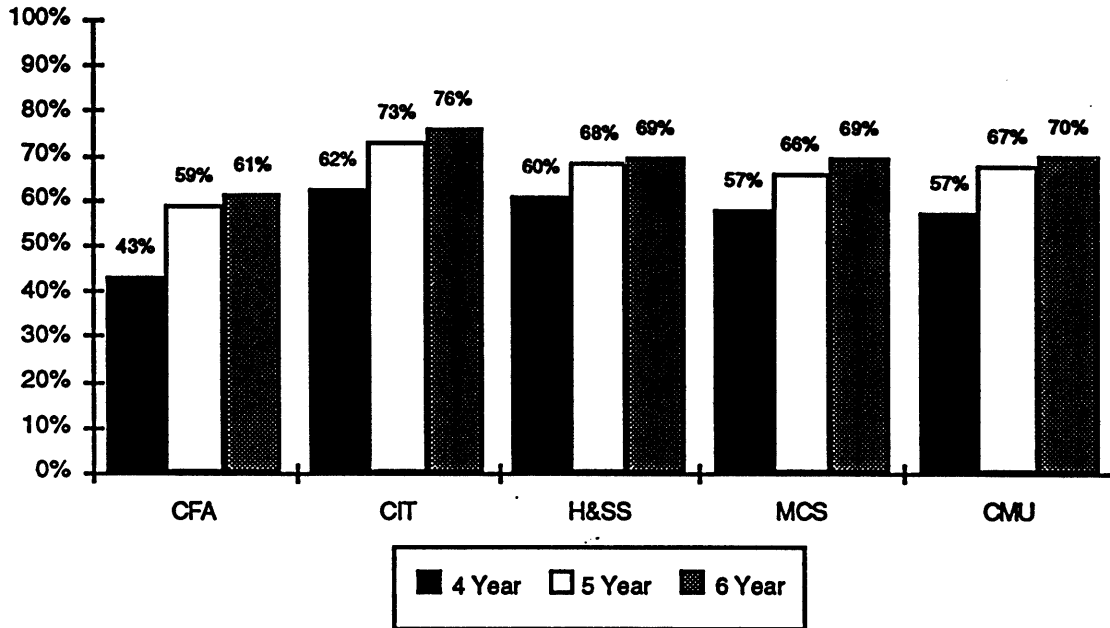
**Distribution of Students
By Housing Type, Level and Sex
Fall Semester 1992**

		<u>Carnegie Mellon Housing</u>		<u>Total</u>	<u>Fraternity & Sorority</u>	<u>Non-CMU Housing</u>	<u>TOTAL</u>
		<u>On-Campus</u>	<u>Off-Campus</u>				
Undergraduate							
Freshman							
	Male	715	65	780	0	56	836
	Female	342	11	353	0	28	381
	TOTAL	1,057	76	1,133	0	84	1,217
Sophomore							
	Male	509	43	552	173	48	773
	Female	221	10	231	24	57	312
	TOTAL	730	53	783	197	105	1,085
Junior							
	Male	279	33	312	116	249	677
	Female	124	13	137	21	126	284
	TOTAL	403	46	449	137	375	961
Senior							
	Male	208	31	239	87	388	714
	Female	111	9	120	19	186	325
	TOTAL	319	40	359	106	574	1,039
Undergraduate							
	Male	1,711	172	1,883	376	741	3,000
	Female	798	43	841	64	397	1,302
	TOTAL	2,509	215	2,724	440	1,138	4,302
Graduate							
	Male	0	0	0	0	1,891	1,891
	Female	0	0	0	0	766	766
	TOTAL	0	0	0	0	2,657	2,657
Non-Degree							
	Male	0	0	0	0	85	85
	Female	0	0	0	0	87	87
	TOTAL	0	0	0	0	172	172
TOTAL							
	Male	1,711	172	1,883	376	2,717	4,976
	Female	798	43	841	64	1,250	2,155
	TOTAL	2,509	215	2,724	440	3,967	7,131

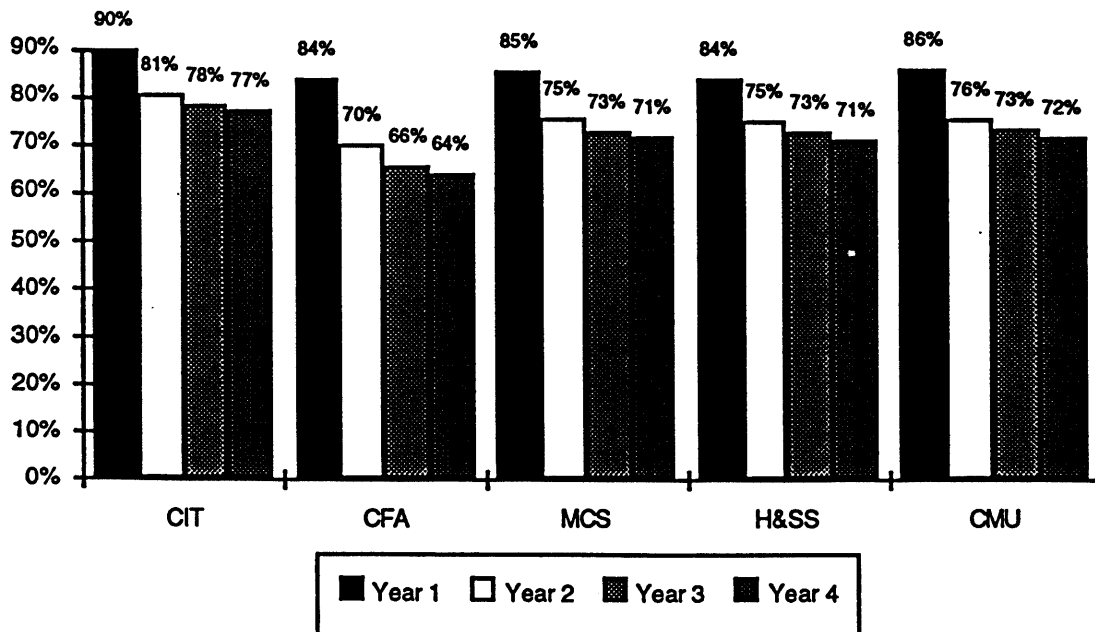
CARNEGIE MELLON UNIVERSITY

Average Within University Graduation and Persistence Rates by College and for CMU As of Fall 1992

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 1991-92**

College	Department	Bachelors	Masters	Doctorates	TOTAL
CFA					
	Architecture	46	10	4	60
	Art	54	15	0	69
	Design	39	0	0	39
	Drama	32	18	0	50
	Music	31	16	0	47
	TOTAL CFA	202	59	4	265
CIT					
	Biomed. E.	0	0	1	1
	Chemical E.	25	5	11	41
	Civil E.	32	17	8	57
	E & C E.	98	50	31	179
	E. & P P	0	7	4	11
	Mfg. E.	0	9	0	9
	Mechanical E.	62	22	9	93
	MSE	13	11	7	31
	Eng. Other	0	6	0	6
	TOTAL CIT	230	127	71	428
GSIA		0	251	11	262
H&SS					
	Economics	29	0	0	29
	English	60	27	3	90
	History	35	16	2	53
	Modern Lang.	2	0	0	2
	Philosophy	4	11	1	16
	Psychology	17	7	0	24
	S & D S.	18	1	0	19
	Statistics	1	7	5	13
	Student Defined	2	0	0	2
	TOTAL H&SS	168	69	11	248
IM		102	0	0	102
MCS					
	Biology	30	1	5	36
	Chemistry	12	7	8	27
	Math	112	7	8	127
	Physics	16	12	2	30
	TOTAL MCS	170	27	23	220
SCS					
	Comp. Sci.	25	58	24	107
	Robotics	0	2	0	2
	TOTAL SCS	25	60	24	109
HNZ		0	150	3	153
	TOTAL	897	743	147	1,787

CARNEGIE MELLON UNIVERSITY

**Total Degrees Granted
By College and Level
Academic Years 1987-88 to 1991-92**

College	Degrees	1987-88	1988-89	1989-90	1990-91	1991-92
CFA	Bachelors	182	147	173	178	202
	Masters	53	53	62	51	59
	Doctorates	1	0	4	5	4
	TOTAL CFA	236	200	239	234	265
CIT	Bachelors	289	277	236	233	230
	Masters	136	137	96	114	127
	Doctorates	61	75	77	70	71
	TOTAL CIT	486	489	409	417	428
GSIA	Masters	186	261	282	241	251
	Doctorates	10	8	10	15	11
	TOTAL GSIA	196	269	292	256	262
H&SS	Bachelors	199	203	221	204	168
	Masters	36	49	47	47	69
	Doctorates	22	30	15	30	11
	TOTAL H&SS	257	282	283	281	248
IM	Bachelors	90	112	93	91	102
	TOTAL IM	90	112	93	91	102
MCS	Bachelors	198	156	171	130	170
	Masters	22	35	27	29	27
	Doctorates	30	25	30	28	23
	TOTAL MCS	250	216	228	187	220
SCS	Bachelors	0	0	0	39	25
	Masters	12	16	11	43	60
	Doctorates	15	14	20	22	24
	TOTAL CS	27	30	31	104	109
HNZ	Masters	157	186	162	177	150
	Doctorates	4	5	9	5	3
	TOTAL HNZ	161	191	171	182	153
CMU	Bachelors	958	895	894	875	897
	Masters	602	737	687	702	743
	Doctorates	143	157	165	175	147
	TOTAL	1,703	1,789	1,746	1,752	1,787

TEACHING AND ACADEMIC SUPPORT

CARNEGIE MELLON UNIVERSITY

**Units Taught
By Department, Semester and Level
Academic Year 1991-92**

College	Department	Fall Semester				Spring Semester				YEAR TOTAL
		Underg.	Grad.	Other	Total	Underg.	Grad.	Other	Total	
CFA	Architecture	9,564	606	0	10,170	9,453	529	45	10,027	20,197
	Art	8,127	462	63	8,652	8,262	603	45	8,910	17,562
	Design	7,632	204	9	7,845	7,215	72	69	7,356	15,201
	Drama	8,522	1,254	27	9,803	7,793	1,204	30	9,027	18,830
	Music	6,834	1,176	63	8,073	6,831	1,122	45	7,998	16,071
	Interdiscp.	1,599	60	15	1,674	1,512	27	21	1,560	3,234
	TOTAL CFA	42,278	3,762	177	46,217	41,066	3,557	255	44,878	91,095
CIT	Biomedical E.	720	75	21	816	763	141	21	925	1,741
	Chemical E.	3,201	3,036	0	6,237	2,823	2,951	42	5,816	12,053
	Civil E.	3,372	2,432	45	5,849	4,023	1,964	24	6,011	11,860
	E & C.E.	8,670	11,045	141	19,856	9,711	10,546	138	20,395	40,251
	EPP	1,002	1,263	78	2,343	2,049	1,000	0	3,049	5,392
	Mechanical E.	8,315	3,686	98	12,099	6,929	3,643	70	10,642	22,741
	MSE	1,900	2,181	84	4,165	3,057	2,135	9	5,201	9,366
	Interdiscp.	1,128	384	0	1,512	436	216	0	652	2,164
	TOTAL CIT	28,308	24,102	467	52,877	29,791	22,596	304	52,691	105,568
GSIA	Economics	7,695	36	18	7,749	9,072	27	27	9,126	16,875
	IM	10,063	45	45	10,153	12,789	81	72	12,942	23,095
	GSIA	18	30,754	138	30,910	90	26,638	282	27,010	57,920
	TOTAL GSIA	17,776	30,835	201	48,812	21,951	26,746	381	49,078	97,890
H&SS	English	10,838	1,996	183	13,017	11,226	1,420	264	12,910	25,927
	History	12,483	1,044	135	13,662	11,022	871	183	12,076	25,738
	Mod. Lang.	4,710	297	156	5,163	3,876	294	171	4,341	9,504
	Philosophy	4,266	765	93	5,124	3,294	833	126	4,253	9,377
	Psychology	6,873	1,565	144	8,582	5,848	1,507	90	7,445	16,027
	S & D.S.	6,177	329	48	6,554	5,691	380	78	6,149	12,703
	Statistics	5,766	1,786	18	7,570	3,417	1,523	18	4,958	12,528
	Interdiscp.	270	0	9	279	477	0	36	513	792
	TOTAL H&SS	51,383	7,782	786	59,951	44,851	6,828	966	52,645	112,596
	MCS	Biology	4,671	2,144	63	6,878	3,541	1,876	27	5,444
Chemistry		6,609	1,989	55	8,653	6,482	1,880	32	8,394	17,047
Math		21,589	1,622	92	23,303	17,421	1,548	129	19,098	42,401
Physics		12,164	2,185	88	14,437	10,508	2,216	73	12,797	27,234
Interdiscp.		0	0	0	0	0	27	0	27	27
TOTAL MCS		45,033	7,940	298	53,271	37,952	7,547	261	45,760	99,031
SCS	Comput. Sci.	10,538	8,728	356	19,622	11,263	8,416	363	20,042	39,664
	Robotics	0	1,266	12	1,278	24	1,599	57	1,680	2,958
	TOTAL SCS	10,538	9,994	368	20,900	11,287	10,015	420	21,722	42,622
HNZ		198	17,304	78	17,580	282	17,342	108	17,732	35,312
	OTHER	6,488	273	341	7,102	3,723	357	320	4,400	11,502
TOTAL		202,002	101,992	2,716	306,710	190,903	94,988	3,015	288,906	595,616

CARNEGIE MELLON UNIVERSITY

**Units Taught
By College and Level
Academic Years 1987-88 to 1991-92**

College	Level	1987-88	1988-89	1989-90	1990-91	1991-92
CFA	Undergraduate	80,914	81,518	82,003	81,945	83,344
	Graduate	9,404	9,896	9,858	8,411	7,319
	Other	490	649	413	500	432
	TOTAL CFA	90,808	92,063	92,274	90,856	91,095
CIT	Undergraduate	57,793	53,162	50,463	52,499	58,099
	Graduate	44,425	42,480	41,944	46,070	46,698
	Other	982	757	748	511	771
	TOTAL CIT	103,200	96,399	93,155	99,080	105,568
GSIA	Undergraduate	38,223	36,900	37,321	37,539	39,727
	Graduate	50,693	61,020	55,289	52,650	57,581
	Other	531	597	543	507	582
	TOTAL GSIA	89,447	98,517	93,153	90,696	97,890
H&SS	Undergraduate	103,590	104,892	103,349	100,712	96,234
	Graduate	12,773	13,171	13,184	14,039	14,610
	Other	1,963	2,259	2,049	1,695	1,752
	TOTAL H&SS	118,326	120,322	118,582	116,446	112,596
MCS	Undergraduate	79,180	78,830	84,764	87,443	82,985
	Graduate	15,895	14,942	17,487	16,642	15,487
	Other	575	525	802	651	559
	TOTAL MCS	95,650	94,297	103,053	104,736	99,031
SCS	Undergraduate	17,584	16,838	18,070	21,325	21,825
	Graduate	12,896	12,581	15,319	19,228	20,009
	Other	562	496	423	677	788
	TOTAL SCS	31,042	29,915	33,812	41,230	42,622
HNZ	Undergraduate	1,254	2,037	1,638	540	480
	Graduate	26,180	28,147	30,909	31,363	34,646
	Other	207	144	48	126	186
	TOTAL HNZ	27,641	30,328	32,595	32,029	35,312
OTHER	Undergraduate	7,825	9,388	9,735	10,822	10,211
	Graduate	331	476	420	633	630
	Other	173	436	454	584	661
	TOTAL OTHER	8,329	10,300	10,609	12,039	11,502
CMU	Undergraduate	386,363	383,565	387,343	392,825	392,905
	Graduate	172,597	182,713	184,410	189,036	196,980
	Other	5,483	5,863	5,480	5,251	5,731
TOTAL	564,443	572,141	577,233	587,112	595,616	

Other=ROTC, Phys. Ed. and International Education

CARNEGIE MELLON UNIVERSITY

**Computing Services Statistics
Fiscal Years 1989 thru 1992**

Change in Network Connections

	<u>Total 1990</u>	<u>Total 1991</u>	<u>Total 1992</u>
Token Ring	1,427	1,413	1,011
Apple Talk	1,625	1,950	1,799
Ethernet	1,163	1,532	1,127
Total Network Connections	4,215	4,895	3,937
Total Asynchronous Connections	3,000	3,000	2,000
TOTAL	7,215	7,895	5,937

Andrew Usage

	<u>1990</u>	<u>1991</u>	<u>1992</u>
Number of Andrew systems IDs	11,244	12,029	12,614
Number of active Andrew user*	6,000	7,000	8,720
Average weekly UNIX server logins*	11,000	12,000	16,000
Average weekly UNIX unique user IDs*	1,900	2,000	3,000
Average number of connected workstations*	N/A	900	1,200
Peak number of connected workstations*	N/A	1,500	1,700
* Denotes estimates for the academic year			
Weekly unique users of MacMail	N/A	N/A	3,700
Weekly unique users of EzMail	N/A	N/A	1,100
Weekly number unique Macintosh connections	N/A	N/A	1,900
Average total weekly PC-Mac server sessions	N/A	N/A	45,000

Computer Store Purchases (CPUs)

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
Students	599	572	655	543
Faculty	52	64	76	62
Staff	94	122	123	106
Departments	501	575	675	732
Others	N/A	N/A	N/A	4
TOTAL	1,246	1,333	1,529	1,447

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

**Instructional Technology Statistics
Fiscal Years 1989 thru 1992**

Equipment for Delivery

	<u>Total 1989</u>	<u>Total 1990</u>	<u>Total 1991</u>	<u>Total 1992</u>
Video/Data Projectors	2	6	9	9
VCRs	7	12	12	14
Video/Data Monitors	5	10	10	10
Slide Projectors	3	18	18	18
Tape Players	0	21	21	23
Sound Systems	2	6	7	9
Overhead Projectors	9	14	14	14
Videodisc Players	0	1	3	3
Personal Computers	4	5	6	8
TOTAL	32	93	100	108

Classrooms (level of installed equipment)

	<u>1990</u>	<u>1991</u>	<u>1992</u>
Overhead Projector	66	58	54
Video Viewing	15	22	28
Data Viewing	7	9	9
TOTAL	88	89	91

Video Viewing Cluster

	<u>1990</u>	<u>1991</u>	<u>1992</u>
VCR carrels	13	13	13
Videodisc/VCR carrels	6	6	8
Interactive carrels	2	2	2
Videotapes viewed in carrels	15,729	16,001	16,379
Videotapes previewed by Faculty	448	590	588
Videotapes used in class	496	427	567
TOTAL	16,673	17,018	17,534

Student Video Editing Cluster

	<u>1990</u>	<u>1991</u>	<u>1992</u>
S-VHS stations	2	2	2
VHS stations	2	2	2
Hi-8 stations	0	0	1
Circulating VHS camcorders	13	13	15
Circulating Hi-8 camcorders	0	0	5

CARNEGIE MELLON UNIVERSITY

**Library Collections and Utilization
Fiscal Years 1991 thru 1992**

	<u>1991</u>	<u>1992</u>
Library Holdings		
Books, etc.	782,797	805,689
Current Subscriptions--Periodicals, Newspapers and Government Documents	4,368	3,736
Microforms--Books, Serial Titles, Government Documents	638,857	674,826
Graphic Materials--Art Reproductions (Mounted and Unmounted), Slides*	124,828	182,463
Audio Materials--Cassettes, Phonograph Records, Compact Discs, Tapes	15,928	17,773
Video Materials	2,177	2,828
Machine Readable Materials	420	488
Music Scores	29,620	23,569
*number of volumes/units		
Library Equipment Support		
Photocopies Made in Libraries	2,028,429	2,107,396
Microform Copies Made in Libraries	79,194	66,065
Number of Visits to the Libraries		
Engineering and Science Library	217,959	230,166
Hunt Library	972,798	1,061,555
Mellon Institute Library	N/A	9,206
Circulation of Holdings	137,401	156,947
Books Used in Libraries	109,784	118,291
Resource Sharing		
Interlibrary Loan		
Items Borrowed	3,512	3,291
Items Loaned	6,198	6,938
Oakland Library Consortium		
Items Borrowed	1,521	2,567
Items Loaned	744	898
Current Awareness Service		
# of Subscriptions	1,514	1,421
Distinct titles Requested	853	825
Individuals Using	103	86
Departments Represented	37	33
Journal Article Delivery Service (JADS)		
Articles Delivered	1,249	832
Computerized Library Resources*		
Searches Performed on LS/2000	570,070	507,763
Searches Performed on LIS	699,492	619,068

*Final figures are still pending.

CARNEGIE MELLON UNIVERSITY

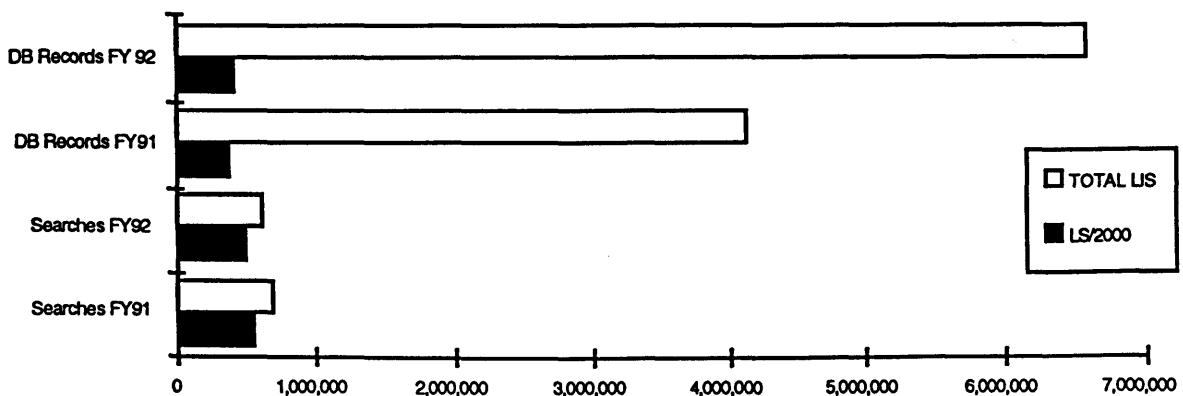
**Library Collections and Utilization (continued)
Fiscal Years 1991 and 1992**

Computerized Library Resources Fiscal Year 1992

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.

	# Searches Performed Fiscal Year 91	# Searches Performed Fiscal Year 92	# of Database Records 91	# of Database Records 92
LS/2000	570,070	507,763	386,224	431,524
LIS--15 databases:				
ABI/Inform		12,610		316,495
Announcements *	3,565	2,095	1	1
ArchPics	2,834	4,834	4,058	4,058
Bibliographies *	4,170	2,948	240	240
Business		3,982		1,052,628
Computer Database	16,711	16,298	187,227	208,905
Dictionary	35,673	31,905	83,713	83,713
Encyclopedia	64,151	46,152	44,704	44,704
ICPSR *	722	347	1,333	1,333
INSPEC	25,654	38,148	378,880	480,443
Journal List	49,742	34,882	8,518	8,517
Library Catalog	343,197	313,482	386,224	431,524
Magazine Index *	57,844	18,738	1,172,210	1,212,782
Management Contents *	6,264	2,267	53,956	53,956
Newspaper Index *	18,162	6,572	753,203	779,349
NewsPaper Abstracts		10,699		1,080,412
Periodical Abstracts		30,874		839,171
Trade & Industry *	10,432		1,052,628	
Who's Who at CMU	60,371	47,802	4,805	11,019
TOTAL	699,492	624,635	4,131,700	6,609,250

* this database is no longer on LIS



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 1991-92

Major/College	Units Taken			Units Taught
	Undergraduate	Graduate	Total	
CFA	297	90	387	213
CIT	1,097	22	1,119	75
GSIA	0	141	141	162
H&SS	705	162	867	405
IM	197	0	197	9
MCS	231	36	267	185
SCS	18	27	45	53
HNZ	0	213	213	120
OTHER	0	0	0	549
TOTAL	2,545	691	3,236	1,771

*Pittsburgh Council of Higher Education (PCHE) Colleges:

Allegheny Community College
Carlow College*
Chatham College*

Duquesne University*
La Roche College
Pittsburgh Theological Sem.*

Point Park College*
Robert Morris College
University of Pittsburgh*

*Units Taken by CMU Students.

The University Teaching Center

The University Teaching Center, established in January 1982, identifies, organizes and conducts programs to improve the quality of instruction at CMU. The UTC seeks to meet the needs of the University's colleges and departments by identifying problems which appear in a number of departments but which are not at the top of most departments agendas'. The Center organizes programs in these areas and works as a catalytic agent which produces action among elements already in place.

- Incoming faculty orientation.

"Surviving, Enjoying and Flourishing at Carnegie Mellon" is a faculty orientation that focuses on teaching effectively and on balancing the diverse roles of faculty life.

- Faculty Luncheon Seminars

Each semester the UTC offers a series of informative Luncheon Seminars to all members of the faculty. Past topics have included: Ways to improve Learning; Leading Discussions; and Teaching Project Courses.

- Feedback Mechanisms for Faculty: The Consultation Process

For faculty members who want feedback on a course, the Teaching Center staff utilizes all or part of the following process. Data is collected, analyzed, interpreted and then translated into recommendations for specific strategies to modify the course or classroom behavior.

- Consultations about Course Evaluations

The Teaching Center recommends distributing course evaluations mid-semester to improve teaching and the course. They will aid faculty members in designing, interpreting and acting upon the results of those evaluations.

- Creation and Implementation of Departmental TA Programs

The UTC aids departments in assessing their needs and creating TA programs to address those needs.

- Development of Teaching Components of Ph.D. and MFA Programs

The Center helps departments develop teaching components of their Ph.D. and MFA programs. These programs prepare those Ph.D. and MFA students interested in academic life for future teaching responsibilities.

- Response to the Changing Needs of Departments and Colleges

The University Teaching Center offers expertise and resources to departments and colleges changing needs.

FACULTY AND STAFF

CARNEGIE MELLON UNIVERSITY

**Full Time Employees
By Division and Job Category
Fall 1992**

Division	Job Category							TOTAL	
	Admin.	Reg. Faculty	Other Instr.	Resrch	Profsnl.	Sec./ Cler.	Tech/ Parap.		Other
President	3	1.00	0	0	2	5	0	0	11
Provost									
CFA	15	90.50	16	4	1	16	20	0	162
CIT	26	116.95	1	60	10	43	18	7	282
CMRI	26	0.00	0	45	3	15	14	0	103
GSIA	31	60.25	12	6	6	34	3	0	152
H&SS	18	107.25	18	27	13	33	12	0	228
MCS	41	97.30	13	109	19	37	23	4	343
SEI	39	0.00	1	163	32	41	5	3	284
SCS	19	40.00	7	224	21	36	16	0	363
HNZ	11	26.75	4	1	2	19	3	0	67
Academic Subtotal	226	539.00	71	639	107	274	114	14	1,984
Other Provost	19	7.00	5	1	8	12	2	1	55
Provost Subtotal	245	546.00	76	640	115	286	116	15	2,039
VP Computing Services	37	1.00	22	25	49	45	22	0	201
VP Business Affairs & Planning	53	1.00	12	3	66	78	4	78	295
Campus Services	3	0.00	0	0	10	6	0	78	97
VP Development	28	0.00	0	0	7	16	0	0	51
VP Enrollment	63	2.00	13	0	16	52	2	48	196
VP University Relations	9	0.00	1	0	14	22	10	0	56
TOTAL	441	551.00	124	668	279	510	154	219	2,946

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 1992**

College	Department	Regular Faculty Full	Research Faculty Full	Special Faculty*			TOTAL FACULTY
				Full	Part	Total	
CFA	Architecture	19.50	0.00	3.00	13.00	16.00	35.50
	Art	16.00	0.00	5.00	9.00	14.00	30.00
	Design	13.00	0.00	0.00	7.00	7.00	20.00
	Drama	19.00	0.00	6.00	8.00	14.00	33.00
	Music	21.00	0.00	3.00	44.00	47.00	68.00
	SFCI	0.00	0.00	0.00	0.00	0.00	0.00
	Prep Sch Ext	0.00	0.00	1.00	14.00	0	15.00
	Dean's Ofc.	2.00	0.00	1.00	3.00	4.00	6.00
	TOTAL CFA	90.50	0.00	19.00	98.00	117.00	207.50
CIT	Biomedical E.	1.00	0.00	0.00	1.00	1.00	2.00
	Chemical E.	14.50	1.50	2.00	2.00	4.00	20.00
	Civil E.	15.00	0.00	1.00	1.00	2.00	17.00
	E & C E.	35.70	2.00	6.00	2.00	8.00	45.70
	EPP	9.15	4.00	3.00	1.00	4.00	17.15
	Mechanical E.	23.60	0.00	3.00	0.00	3.00	26.60
	MEMS	17.50	1.00	12.00	1.00	13.00	31.50
	EDRC	0.00	4.50	1.00	0.00	1.00	5.50
	Dean's Ofc.	0.5	0.00	0.00	0.00	0.00	0.50
TOTAL CIT	116.95	13.00	28.00	8.00	36.00	165.95	
CMRI		0.00	1.00	0.00	0.00	0.00	1.00
GSIA		60.25	0.00	22.00	10.00	32.00	92.25
H&SS	English	26.00	0.00	3.00	7.00	10.00	36.00
	History	18.25	0.00	3.00	5.00	8.00	26.25
	Mod. Lang.	4.00	0.50	6.00	14.00	20.00	24.50
	Philosophy	14.00	1.00	1.00	3.00	4.00	19.00
	Psychology	19.00	0.00	13.00	5.00	18.00	37.00
	S & D S.	14.00	0.00	1.00	2.00	3.00	17.00
	Statistics	12.00	1.00	2.00	0.00	2.00	15.00
	Dean's Ofc.	0.00	0.00	0.00	1.00	1.00	1.00
TOTAL H&SS	107.25	2.50	29.00	37.00	66.00	175.75	
INI		0.00	0.00	0.00	0.00	0.00	0.00
MCS	Biology	18.50	1.00	19.00	0.00	19.00	38.50
	Chemistry	21.00	0.00	13.00	1.00	14.00	35.00
	Math	25.00	0.00	13.00	0.00	13.00	38.00
	Physics	32.30	0.00	12.00	0.00	12.00	44.30
	STC	0.00	0.00	8.00	0.00	8.00	8.00
	Dean's Ofc.	0.50	0.00	0.00	4.00	4.00	4.50
TOTAL MCS	97.30	1.00	65.00	5.00	70.00	168.30	
SCS	Comp. Sci.	36.00	22.50	23.00	0.00	23.00	81.50
	Robotics	4.00	18.50	6.00	0.00	6.00	28.50
	CMT	0.00	2.50	2.00	0.00	2.00	4.50
	ITC	0.00	1.00	1.00	0.00	1.00	2.00
TOTAL SCS	40.00	44.50	32.00	0.00	32.00	116.50	
HNZ		26.75	0.00	6.00	15.00	21.00	47.75
ACADEMIC SUBTOTAL		539.00	62.00	201.00	173.00	374.00	975.00
ADMINISTRATIVE		12.00	1.00	6.00	4.00	10.00	23.00
TOTAL		551.00	63.00	207.00	177.00	384.00	998.00

*Includes special teaching, special research and visiting faculty.

CARNEGIE MELLON UNIVERSITY

**Full Time Regular Faculty
By Rank and Department
Fall Semester 1992**

		Professor				Inst.	TOTAL
		University	Full	Assoc.	Asst.		
College	Department						
CFA	Architecture	0.00	7.50	7.00	5.00	0.00	19.50
	Art	0.00	7.00	8.00	1.00	0.00	16.00
	Design	0.00	3.00	7.00	3.00	0.00	13.00
	Drama	0.00	6.00	6.00	5.00	2.00	19.00
	Music	1.00	4.00	11.00	5.00	0.00	21.00
	Dean's Ofc.	0.00	1.00	0.00	1.00	0.00	2.00
	TOTAL CFA	1.00	28.50	39.00	20.00	2.00	90.50
CIT	Biomedical E.	0.00	1.00	0.00	0.00	0.00	1.00
	Chemical E.	0.00	9.50	2.00	3.00	0.00	14.50
	Civil E.	1.00	7.00	3.00	4.00	0.00	15.00
	E & C E.	0.50	23.70	5.00	6.50	0.00	35.70
	EPP	0.00	5.65	2.00	1.50	0.00	9.15
	Mechanical E.	0.00	12.10	6.00	4.50	1.00	23.60
	MEMS	0.00	10.50	2.00	5.00	0.00	17.50
	Dean's Ofc.	0.00	0.50	0.00	0.00	0.00	0.50
TOTAL CIT	1.50	69.95	20.00	24.50	1.00	116.95	
GSIA		4.00	17.25	15.00	22.00	2.00	60.25
H&SS	English	0.00	11.00	9.00	6.00	0.00	26.00
	History	0.00	9.50	7.00	1.75	0.00	18.25
	Mod. Lang.	0.00	2.00	0.00	1.00	1.00	4.00
	Philosophy	1.00	4.00	4.00	5.00	0.00	14.00
	Psychology	1.00	11.00	4.00	3.00	0.00	19.00
	S & D S.	1.50	4.75	3.00	4.75	0.00	14.00
	Statistics	0.00	5.00	2.00	5.00	0.00	12.00
TOTAL H&SS	3.50	47.25	29.00	26.50	1.00	107.25	
MCS	Biology	0.00	7.50	7.00	4.00	0.00	18.50
	Chemistry	0.00	10.00	7.00	4.00	0.00	21.00
	Math	0.50	18.50	4.00	2.00	0.00	25.00
	Physics	1.50	20.80	6.00	4.00	0.00	32.30
	Dean's Ofc.	0.00	0.50	0.00	0.00	0.00	0.50
	TOTAL MCS	2.00	57.30	24.00	14.00	0.00	97.30
SCS	Comput. Sci.	0.00	12.50	8.00	14.50	1.00	36.00
	Robotics	0.50	1.00	1.00	1.50	0.00	4.00
	TOTAL SCS	0.50	13.50	9.00	16.00	1.00	40.00
HNZ		0.50	7.25	5.00	14.00	0.00	26.75
ACADEMIC SUBTOTAL		13.00	241.00	141.00	137.00	7.00	539.00
ADMINISTRATIVE		1.00	10.00	0.00	1.00	0.00	12.00
TOTAL		14.00	251.00	141.00	138.00	7.00	551.00

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status, Department and Sex
Fall Semester 1992**

College	Department	Tenured			Tenure Stream			Instructors			TOTAL		
		M	F	TOI	M	F	TOI	M	F	TOI	M	F	TOI
CFA	Architecture	7.50	0.00	7.50	10.00	2.00	12.00	0.00	0.00	0.00	17.50	2.00	19.50
	Art	6.00	6.00	12.00	3.00	1.00	4.00	0.00	0.00	0.00	9.00	7.00	16.00
	Design	6.00	0.00	6.00	6.00	1.00	7.00	0.00	0.00	0.00	12.00	1.00	13.00
	Drama	4.00	3.00	7.00	7.00	3.00	10.00	1.00	1.00	2.00	12.00	7.00	19.00
	Music	5.00	2.00	7.00	8.00	6.00	14.00	0.00	0.00	0.00	13.00	8.00	21.00
	Dean's Ofc.	0.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	0.00	2.00	0.00	2.00
	TOTAL CFA	28.50	11.00	39.50	34.00	13.00	49.00	1.00	1.00	2.00	63.50	25.00	90.50
CIT	Biomedical E.	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
	Chemical E.	10.50	0.00	10.50	3.00	1.00	4.00	0.00	0.00	0.00	13.50	1.00	14.50
	Civil E.	8.00	0.00	8.00	4.00	3.00	7.00	0.00	0.00	0.00	12.00	3.00	15.00
	E & C E.	25.20	0.00	25.20	9.50	1.00	10.50	0.00	0.00	0.00	34.70	1.00	35.70
	EPP	4.65	0.00	4.65	3.50	1.00	4.50	0.00	0.00	0.00	8.15	1.00	9.15
	Mechanical E.	12.10	0.00	12.10	9.50	1.00	10.50	1.00	0.00	1.00	22.60	1.00	23.60
	MEMS	10.50	0.00	10.50	6.00	1.00	7.00	0.00	0.00	0.00	16.50	1.00	17.50
	Dean's Ofc.	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.50
TOTAL CIT	72.45	0.00	72.45	35.50	8.00	43.50	1.00	0.00	1.00	108.95	8.00	116.95	
GSIA		27.25	1.00	28.25	22.00	8.00	30.00	2.00	0.00	2.00	51.25	9.00	60.25
H&SS	English	11.00	5.00	16.00	3.00	7.00	10.00	0.00	0.00	0.00	14.00	12.00	26.00
	History	12.50	2.00	14.50	1.00	2.75	3.75	0.00	0.00	0.00	13.50	4.75	18.25
	Mod. Lang.	1.00	1.00	2.00	1.00	0.00	1.00	0.00	1.00	1.00	2.00	2.00	4.00
	Philosophy	7.00	1.00	8.00	6.00	0.00	6.00	0.00	0.00	0.00	13.00	1.00	14.00
	Psychology	11.00	4.00	15.00	3.00	1.00	4.00	0.00	0.00	0.00	14.00	5.00	19.00
	S & D S.	6.25	1.00	7.25	5.50	1.25	6.75	0.00	0.00	0.00	11.75	2.25	14.00
	Statistics	6.00	0.00	6.00	5.00	1.00	6.00	0.00	0.00	0.00	11.00	1.00	12.00
	TOTAL H&SS	54.75	14.00	68.75	24.50	13.00	37.50	0.00	1.00	1.00	79.25	28.00	107.25
MCS	Biology	13.50	1.00	14.50	4.00	0.00	4.00	0.00	0.00	0.00	17.50	1.00	18.50
	Chemistry	16.00	0.00	16.00	4.00	1.00	5.00	0.00	0.00	0.00	20.00	1.00	21.00
	Math	20.00	0.00	20.00	3.00	2.00	5.00	0.00	0.00	0.00	23.00	2.00	25.00
	Physics	25.30	0.00	25.30	6.00	1.00	7.00	0.00	0.00	0.00	31.30	1.00	32.30
	Dean's Ofc.	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.50
TOTAL MCS	75.30	1.00	76.30	17.00	4.00	21.00	0.00	0.00	0.00	92.30	5.00	97.30	
SCS	Comp. Sci.	14.00	2.00	16.00	17.00	2.00	19.00	1.00	0.00	1.00	32.00	4.00	36.00
	Robotics	2.00	0.00	2.00	2.00	0.00	2.00	0.00	0.00	0.00	4.00	0.00	4.00
	TOTAL SCS	16.00	2.00	18.00	19.00	2.00	21.00	1.00	0.00	1.00	36.00	4.00	40.00
HNZ		8.75	0.00	8.75	13.00	5.00	18.00	0.00	0.00	0.00	21.75	5.00	26.75
ACADEMIC SUBTOTAL		283.00	29.00	312.00	165.00	53.00	220.00	5.00	2.00	7.00	453.00	84.00	539.00
ADMINISTRATIVE		10.00	1.00	11.00	0.00	1.00	1.00	0.00	0.00	0.00	10.00	2.00	12.00
TOTAL		293.00	30.00	323.00	165.00	54.00	221.00	5.00	2.00	7.00	463.00	86.00	551.00

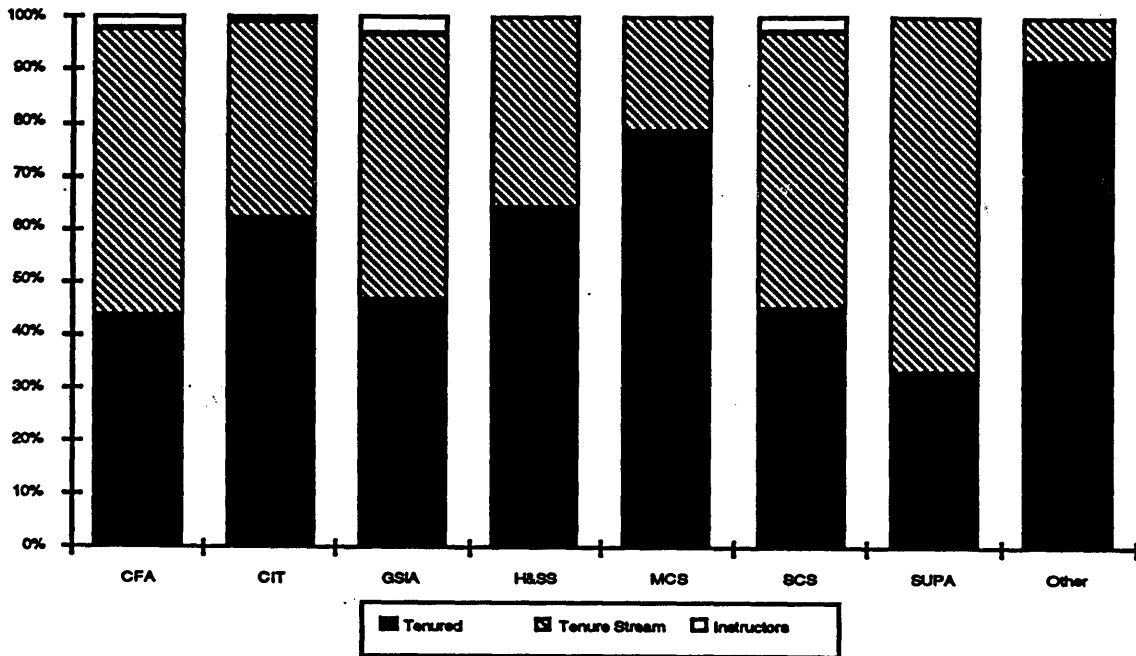
CARNEGIE MELLON UNIVERSITY

**Full Time Regular Faculty
By Tenure Status and College
Fall Semesters 1988 to 1992**

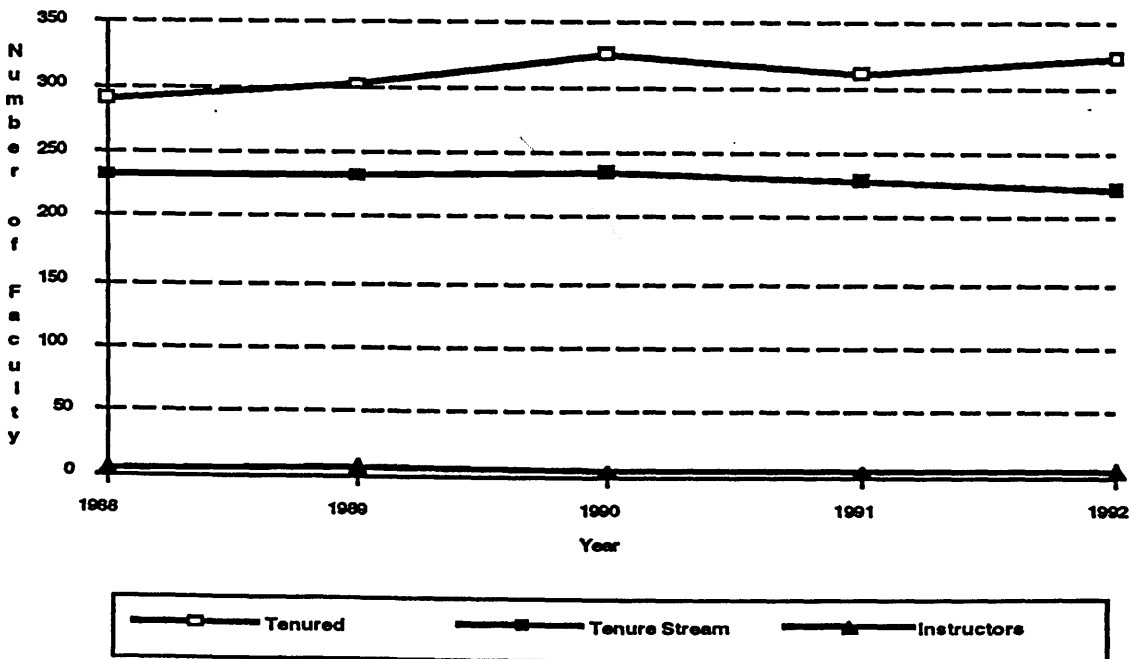
College	Tenure Status	1988	1989	1990	1991	1992
CFA	Tenured	39.50	41.50	41.50	37.50	39.50
	Tenure Stream	49.00	46.00	49.00	48.00	49.00
	Instructors	2.00	3.54	1.30	1.00	2.00
	Total	90.50	91.04	91.80	86.50	90.50
CIT	Tenured	59.95	60.45	69.95	69.45	72.45
	Tenure Stream	49.00	51.00	49.50	47.00	43.50
	Instructors	0.00	0.00	0.00	1.00	1.00
	Total	108.95	111.45	119.45	117.45	116.95
GSIA	Tenured	27.42	28.42	30.42	30.25	28.25
	Tenure Stream	39.50	39.00	35.00	31.00	30.00
	Instructors	2.00	3.00	1.00	1.00	2.00
	Total	68.92	70.42	66.42	62.25	60.25
H&SS	Tenured	58.75	63.75	65.25	62.50	68.75
	Tenure Stream	39.00	36.50	41.00	46.00	38.50
	Instructors	0.00	0.00	0.00	1.00	0.00
	Total	97.75	100.25	106.25	109.50	107.25
MCS	Tenured	70.30	70.30	74.30	72.30	76.30
	Tenure Stream	22.00	26.00	25.00	23.00	21.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	Total	92.30	96.30	99.30	95.30	97.30
SCS	Tenured	16.50	15.50	19.50	18.00	18.00
	Tenure Stream	18.50	20.50	20.00	15.00	21.00
	Instructors	0.00	0.00	0.00	0.00	1.00
	Total	35.00	36	39.50	33.00	40.00
HNZ	Tenured	7.58	10.08	10.58	8.50	8.75
	Tenure Stream	14.00	11.00	14.50	19.00	18.00
	Instructors	1.00	0.46	1.70	0.00	0.00
	Total	22.58	21.54	26.78	27.50	26.75
ACADEMIC SUBTOTAL						
	Tenured	280.00	290.00	311.50	298.50	312.00
	Tenure Stream	231.00	230.00	234.00	229.00	221.00
	Instructors	5.00	7.00	4.00	4.00	6.00
	Total	516.00	527.00	549.50	531.50	539.00
ADMINISTRATIVE						
	Tenured	10.00	12.00	13.50	12.50	11.00
	Tenure Stream	1.00	1.00	0.00	0.00	1.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	Total	11.00	13.00	13.50	12.50	12.00
CMU	Tenured	290.00	302.00	325.00	311.00	323.00
	Tenure Stream	232.00	231.00	234.00	229.00	222.00
	Instructors	5.00	7.00	4.00	4.00	6.00
	Total	527.00	540.00	563.00	544.00	551.00

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status and College
Fall Semester 1992**

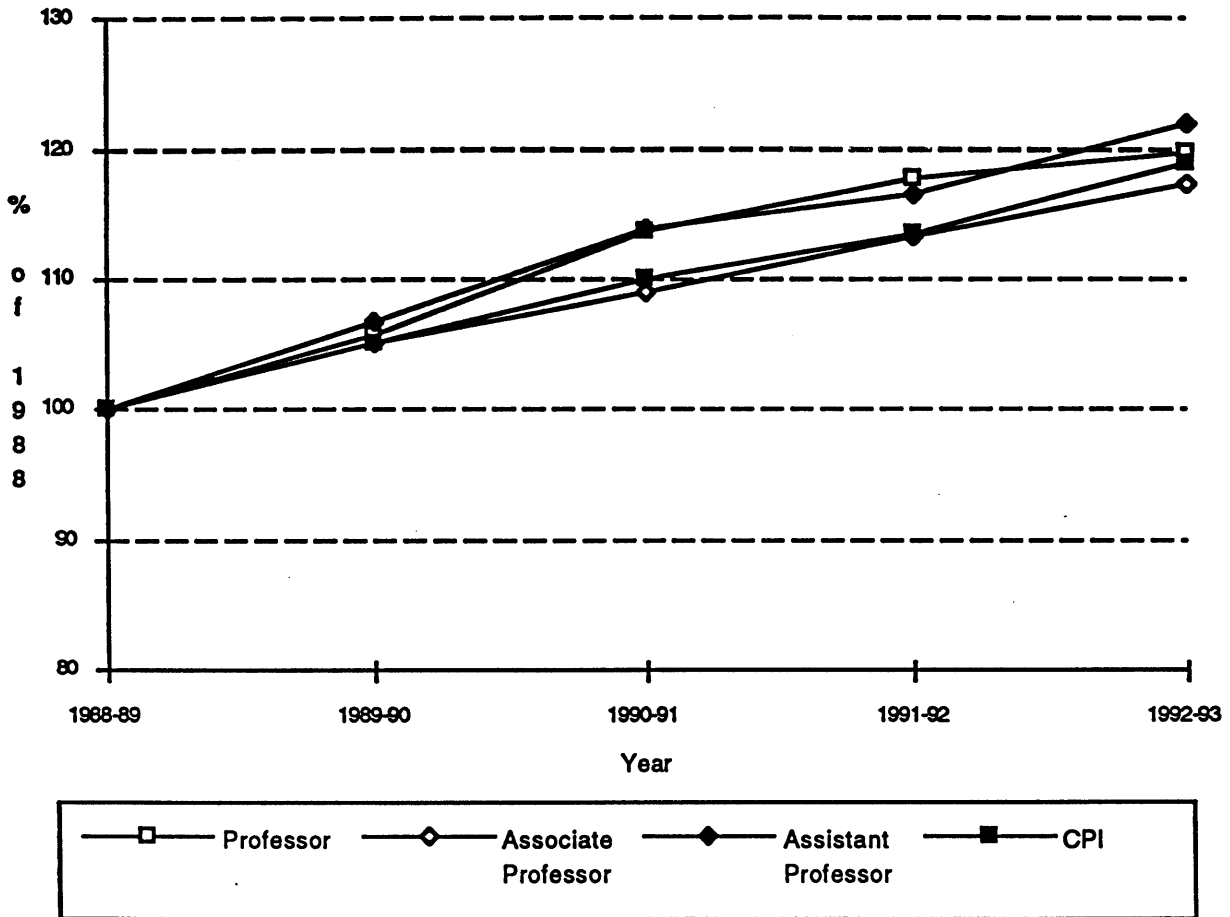


**Full-Time Regular Faculty
By Tenure Status
Fall Semester 1988 to 1992**



CARNEGIE MELLON UNIVERSITY

**Faculty Salaries Indexed Growth
Full-Time Regular Faculty
Academic Years 1988-89 to 1992-93**



**Average Faculty Salaries
Full-Time Regular Faculty
Academic Years 1988-89 to 1992-93**

	1988-89	1989-90	1990-91	1991-92	1992-93
Professor	\$67,026	\$70,900	\$76,100	\$78,900	\$80,300
Associate Professor	46,900	49,300	51,100	\$53,100	\$55,000
Assistant Professor	40,500	43,200	46,100	\$47,200	\$49,400

Source: AAUP Faculty Salary Survey 1992-93

CARNEGIE MELLON UNIVERSITY

**Regular Faculty
Additional Facts and Figures**

**Distribution by Sex, Race and Age
Fall 1988 to 1992**

Percent of Faculty by Sex	1988	1989	1990	1991	1992
Male	86%	84%	85%	85%	84%
Female	14%	16%	15%	15%	16%

Percent of Faculty by Race	1988	1989	1990	1991	1992
Asian	3%	3%	4%	3%	3%
Black	1%	1%	1%	1%	1%
Hispanic	1%	1%	1%	1%	1%
White	79%	77%	77%	77%	77%
Non-U.S. Citizen	16%	18%	17%	18%	18%

Percent of Faculty by Age	1988	1989	1990	1991	1992
Under 30	3%	3%	4%	4%	3%
30 to 39	40%	39%	36%	34%	34%
40 to 49	29%	29%	31%	31%	33%
50 to 59	17%	18%	17%	19%	18%
60 and Over	11%	11%	12%	12%	12%

**Top Ten Institutions Granting Degrees to Faculty
Fall 1992**

Carnegie Mellon University	57	University of Michigan, Ann Arbor	19
Massachusetts Institute of Technology	44	Yale University	18
Stanford University	29	Cornell University	16
University of California, Berkeley	29	University of Minnesota	14
Harvard University	19	University of Pittsburgh	14

47% 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 1991
Percent Change in Faculty Salaries By Rank,
Fall 1986 to Fall 1991**

	Prof.			Assoc.			Asst.		
	\$	%	(8)	\$	%	(7)	\$	%	(10)
CMU	\$78,900 (7)	32	(8)	\$53,100 (6)	31	(7)	\$47,200 (6)	31	(10)
Princeton	\$88,200	39		\$52,300	30		\$41,300	33	
Stanford	\$86,500	29		\$61,700	32		\$48,300	32	
MIT	\$83,900	34		\$60,100	37		\$49,500	39	
U. of Chicago	\$83,300	40		\$54,400	39		\$48,700	43	
U. of PA	\$80,400	35		\$57,300	32		\$48,600	36	
Northwestern	\$79,100	40		\$54,400	42		\$48,100	40	
Cornell	\$74,900	32		\$52,000	28		\$46,000	42	
U. of Rochest.	\$73,600	36		\$51,500	31		\$43,700	38	
Wash. U.	\$72,600	42		\$50,200	35		\$42,000	41	
RPI	\$70,700	27		\$52,400	30		\$44,600	29	

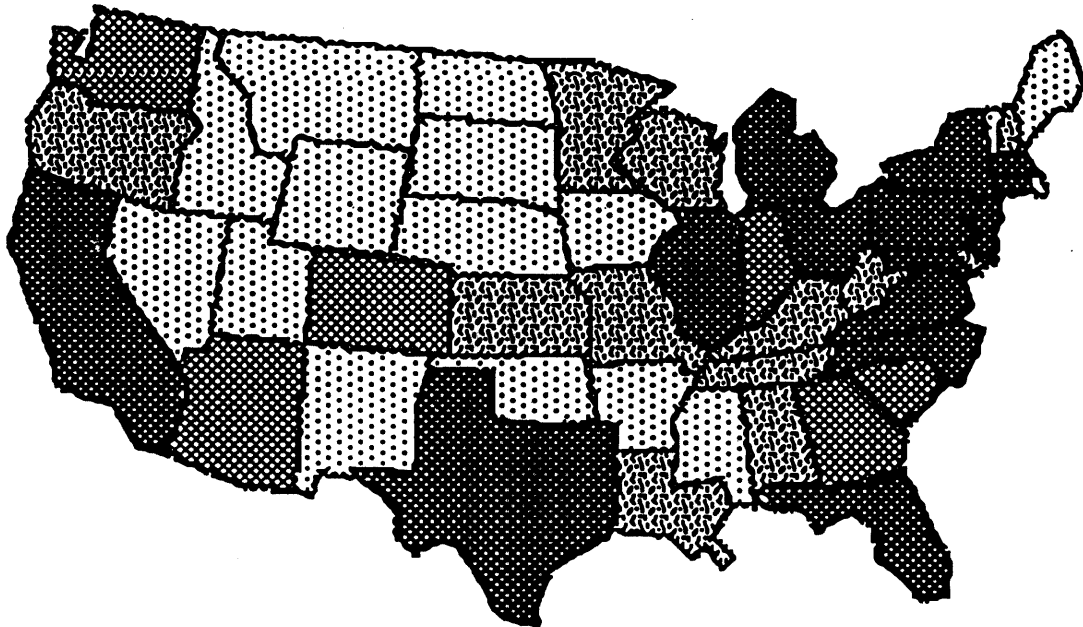
(*) CMU Rank
Source: Academe Magazine

ALUMNI

2730

CARNEGIE MELLON UNIVERSITY

**Active Alumni
By Region and State
As of October 1992**



Region / State	Region / State	Region / State	Region / State
New England	South	Midwest	West
Connecticut 973	Alabama 126	Illinois 1,133	Alaska 24
Maine 114	Florida 1,752	Indiana 363	Arizona 393
Massachusetts 1,642	Georgia 436	Iowa 67	California 4,200
New Hampshire 196	Kentucky 153	Kansas 110	Colorado 417
Rhode Island 95	Louisiana 130	Michigan 828	Hawaii 71
Vermont 99	Mississippi 40	Minnesota 262	Idaho 56
TOTAL 3,119	North Carolina 694	Missouri 257	Montana 18
Percent of Total 7%	South Carolina 308	Nebraska 32	Nevada 60
	Tennessee 263	North Dakota 4	Oregon 228
Middle States	Virginia 1,456	Ohio 2,280	Utah 56
Delaware 256	TOTAL 5,358	South Dakota 12	Washington 412
District of Columbia 333	Percent of Total 11%	West Virginia 271	Wyoming 24
Maryland 1,763	Southwest	Wisconsin 245	TOTAL 5,959
New Jersey 2,108	Arkansas 39	TOTAL 5,864	Percent of Total 13%
New York 3,946	New Mexico 169	Percent of Total 13%	
Pennsylvania 14,684	Oklahoma 85	U.S. Territories 27	U.S. TOTAL 44,877
TOTAL 23,090	Texas 1,137	Unknown 30	Percent of Total 96%
Percent of Total 49%	TOTAL 1,430		Foreign Countries 1,772
	Percent of Total 3%		TOTAL 46,649

CARNEGIE MELLON UNIVERSITY

**Active Alumni
Additional Facts and Figures
As of October 1992**

Active Alumni by Major U.S. Cities

Greater Pittsburgh Area*	12,445	Akron	540
Metro New York**	4,479	Houston	510
Washington, D.C.	2,187	Harrisburg	467
Los Angeles	1,896	Atlanta	435
San Francisco	1,851	Denver	417
Boston	1,516	Dallas	393
Philadelphia	1,426	Phoenix	393
Baltimore	970	Fort Lauderdale	363
Chicago	933	San Diego	304
Cleveland	771	Columbus	297
Princeton	722	Cincinnati	285
Hartford	610	Seattle	291
Detroit	597	Buffalo	242
		Minneapolis/St. Paul	231

* Includes Altoona, Beaver County, Westmoreland County and Metro Pittsburgh area.

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

Active Alumni by College

CFA	8,294	Margaret Morrison	4,134
CIT	16,359	MCS	5,639
GSIA	3090	Printing Management	758
H&SS	4,048	SCS	158
IM	1,972	HNZ	1,493
Industries	243	Unspecified	0
Libraries	461		
		Total	46,649

Active Alumni by Class Year in Decades

1909 - 1919	51	1960 - 1969	7,314
1920 - 1929	683	1970 - 1979	8,661
1930 - 1939	2,554	1980 - 1989	12,576
1940 - 1949	4,400	1990 - 1992	4,090
1950 - 1959	6,320		
		Total	46,649

FINANCES

CARNEGIE MELLON UNIVERSITY

**Tuition and Fees
Academic Years 1989-90 to 1993-94**

	1989-90	1990-91	1991-92	1992-93	1993-94
Undergraduate Tuition	\$13,000	\$14,000	\$15,250	\$16,000	\$16,960
Graduate Tuition					
CFA	\$12,000	\$12,000	\$12,000	\$12,000	\$16,960
CIT	13,750	14,750	16,000	16,750	17,710
GSIA	15,200	16,500	17,600	18,500	19,500
H&SS	12,000	14,000	15,250	16,000	16,960
INI*		29,500	32,000	33,501	35,420
MCS	13,000	14,000	15,250	16,000	16,960
SCS	13,750	14,750	16,000	16,750	17,500
HNZ	13,400	14,200	15,000	15,500	16,700
* Tuition is for a 14 month program.					
Student Activities Fee	\$80	\$90	\$100	\$100	\$100

**Room and Board
Academic Years 1988-89 to 1992-93**

	1989-90	1990-91	1991-92	1992-93	1993-94
Average Room (Standard Double)	\$2,610	\$2,800	\$3,010	\$3,210	\$3,400
Average Board (Constant Pass Plus)	\$1,832	\$2,006	\$2,126	\$2,450	\$2,570

**Total Estimated Cost of Attending CMU
Academic Years 1988-89 to 1992-93**

	1989-90	1990-91	1991-92	1992-93	1993-94
Resident	\$18,800	\$20,200	\$21,910	\$22,760	\$24,215
Commuter	\$15,300	\$16,300	\$18,050	\$18,890	\$20,105

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

CARNEGIE MELLON UNIVERSITY

**Current Funds Revenues, Expenditures, and Transfers
Fiscal Years 1988 to 1992
(Dollars in Thousands)**

Current Funds Revenues

	1988	1989	1990	1991	1992
Revenues					
Tuition and Fees	\$71,899	\$78,884	\$87,994	\$95,731	\$103,958
Endowment Distribution	14,152	14,422	\$15,429	\$18,081	\$20,934
Current Fund Investments/Earnings	6,707	3,660	\$3,631	\$3,198	\$2,568
Gifts & Grants	16,115	13,773	\$15,864	\$16,864	\$18,248
Sponsored Research	111,066	120,692	\$122,613	\$127,829	\$136,904
Auxiliary Services	20,491	21,988	\$23,358	\$25,123	\$26,315
Miscellaneous Income	10,312	14,620	\$13,191	\$15,674	\$16,530
TOTAL REVENUES	\$250,742	\$268,039	\$282,080	\$302,600	\$325,457

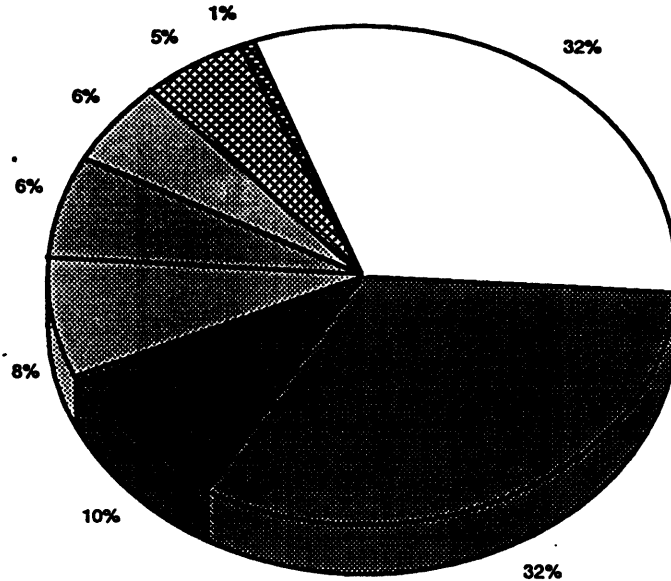
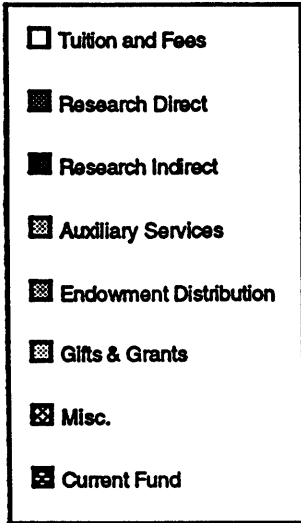
Current Funds Expenditures and Transfers

	1988	1989	1990	1991	1992
Expenditures (by Functions)					
Instruction & Department Research	\$62,549	\$71,294	\$81,305	\$89,827	\$93,702
Academic Support	12,918	12,676	\$14,338	\$15,112	\$16,181
Sponsored Research - Direct Costs	86,034	93,554	\$94,163	\$98,744	\$104,295
Student Aid	14,349	15,744	\$17,574	\$18,403	\$21,366
Libraries	3,607	3,969	\$4,912	\$4,213	\$4,507
Campus Operation	5,794	6,147	\$7,622	\$6,953	\$7,111
Utilities	4,692	5,178	\$5,624	\$5,468	\$5,895
Administration	9,520	10,592	\$11,150	\$11,934	\$13,253
Student Services	6,096	6,658	\$7,326	\$8,193	\$8,655
General Institutional	2,479	4,495	\$6,653	\$7,640	\$4,706
Auxiliary Services	20,566	22,198	\$23,361	\$25,732	\$26,587
TOTAL	\$228,604	\$252,505	\$274,028	\$292,219	\$306,258
Transfers					
Capital	\$18,120	\$14,571	\$9,859	\$8,616	\$14,536
Other	(\$266)	(\$949)	(\$658)	\$278	\$666
TOTAL	\$17,854	\$13,622	\$9,201	\$8,894	\$15,202
TOTAL EXPENDITURES and TRANSFERS	\$246,458	\$266,127	\$283,229	\$301,113	\$321,460

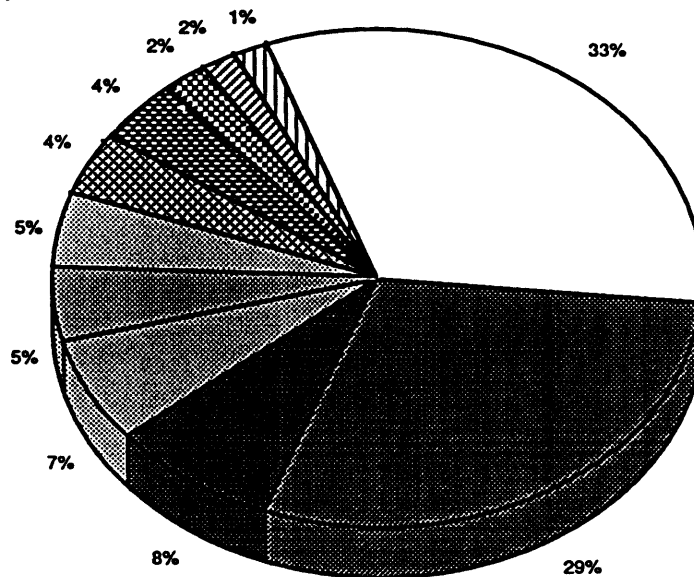
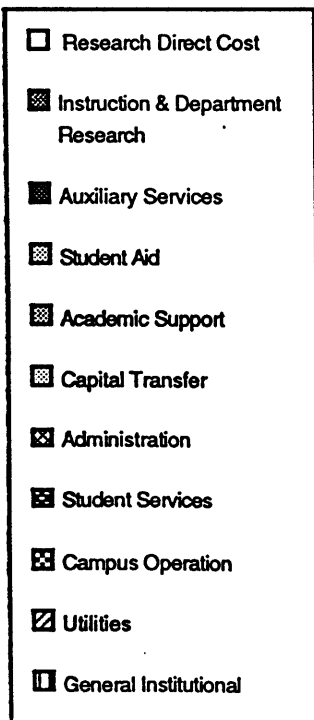
Prior years have been adjusted to conform to fiscal year 1991 accounting changes.

CARNEGIE MELLON UNIVERSITY

Distribution of Current Funds Revenues
Fiscal Year 1992
 (Total = \$325,450,000)



Distribution of Current Funds Expenditures and Transfers
Fiscal Year 1992
 (Total = \$321,460,000)



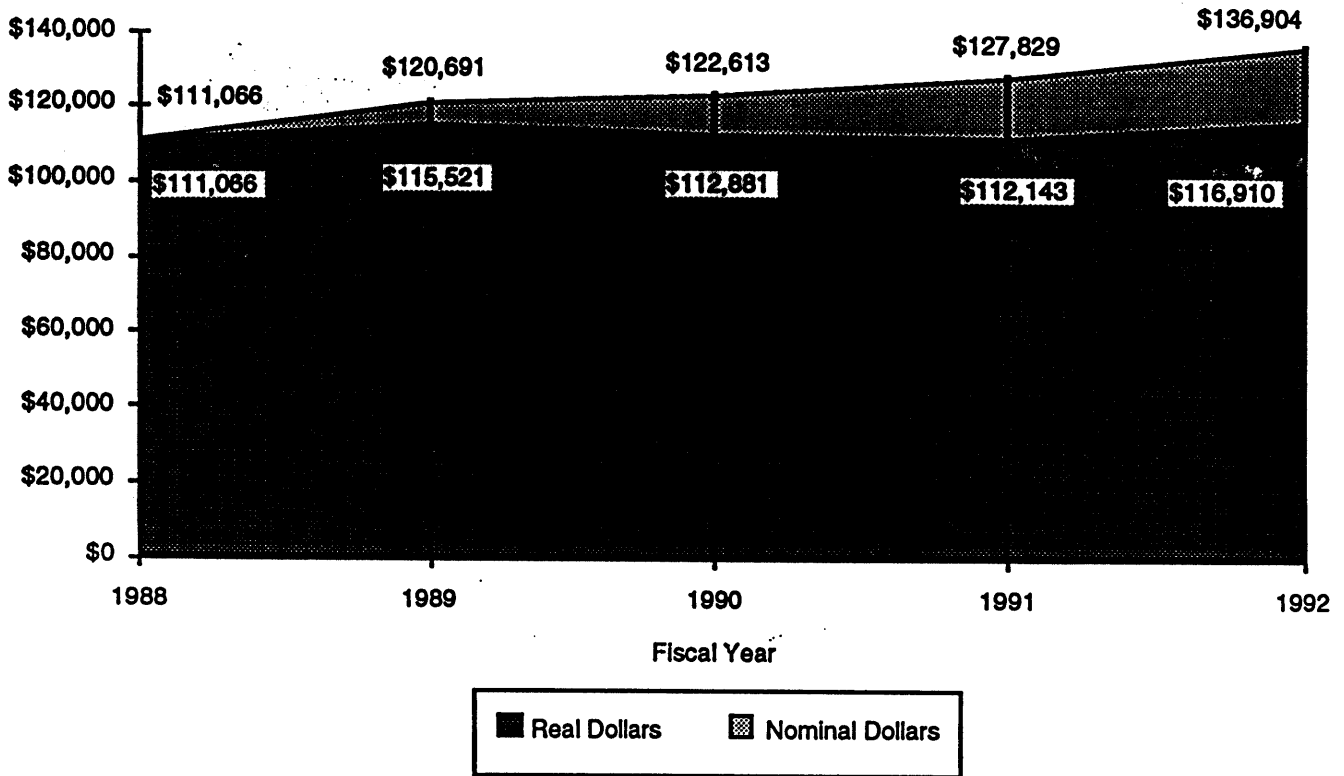
CARNEGIE MELLON UNIVERSITY

**Total Sponsored Research Costs
by College and Research Center
Fiscal Years 1988 to 1992
(Dollars in Thousands)**

	1988	1989	1990	1991	1992
Direct Costs					
CIT	\$16,029	\$16,947	\$16,066	\$16,999	\$18,281
CFA	238	306	571	766	434
H&SS	4,814	4,953	5,266	5,052	5,248
MCS	13,273	13,694	15,306	15,397	15,768
SCS	24,740	29,277	26,505	26,455	25,876
GSIA	585	689	546	1,053	1,534
HEINZ	347	466	626	735	811
CMRI	5,702	5,462	6,012	6,881	6,760
SEI	17,809	19,337	21,978	24,914	29,363
WPATC	1,826	1,748	548	0	0
Other	671	676	739	492	220
TOTAL	\$86,034	\$93,554	\$94,163	\$98,744	\$104,295
Indirect Costs					
CIT	\$5,584	\$5,853	\$6,123	\$6,127	\$6,530
CFA	95	86	149	139	94
H&SS	1,641	1,510	1,638	1,577	1,668
MCS	4,336	5,065	4,981	5,527	5,936
SCS	9,015	9,973	9,578	9,619	11,110
GSIA	268	333	245	489	513
HEINZ	127	185	245	252	277
CMRI	2,337	2,433	2,856	3,035	3,209
SEI	1,502	1,563	2,316	2,225	3,189
WPATC	0	0	0	0	0
Other	126	136	319	95	83
TOTAL	\$25,031	\$27,137	\$28,450	\$29,085	\$32,609
Total Sponsored Research Costs					
CIT	\$21,613	\$22,800	\$22,189	\$23,126	\$24,811
CFA	333	392	720	905	528
H&SS	6,455	6,463	6,904	6,629	6,916
MCS	17,609	18,759	20,287	20,924	21,704
SCS	33,755	39,249	36,083	36,074	36,986
GSIA	853	1,022	791	1,542	2,047
HEINZ	474	652	871	987	1,088
CMRI	8,039	7,894	8,868	9,916	9,969
SEI	19,311	20,900	24,294	27,139	32,552
WPATC	1,826	1,748	548	0	0
Other	797	812	1,058	587	303
TOTAL	\$111,065	\$120,691	\$122,613	\$127,829	\$136,904

CARNEGIE MELLON UNIVERSITY

**Sponsored Research Costs
Real versus Nominal Growth
Fiscal Years 1988 to 1992
(Dollars in Thousands)**



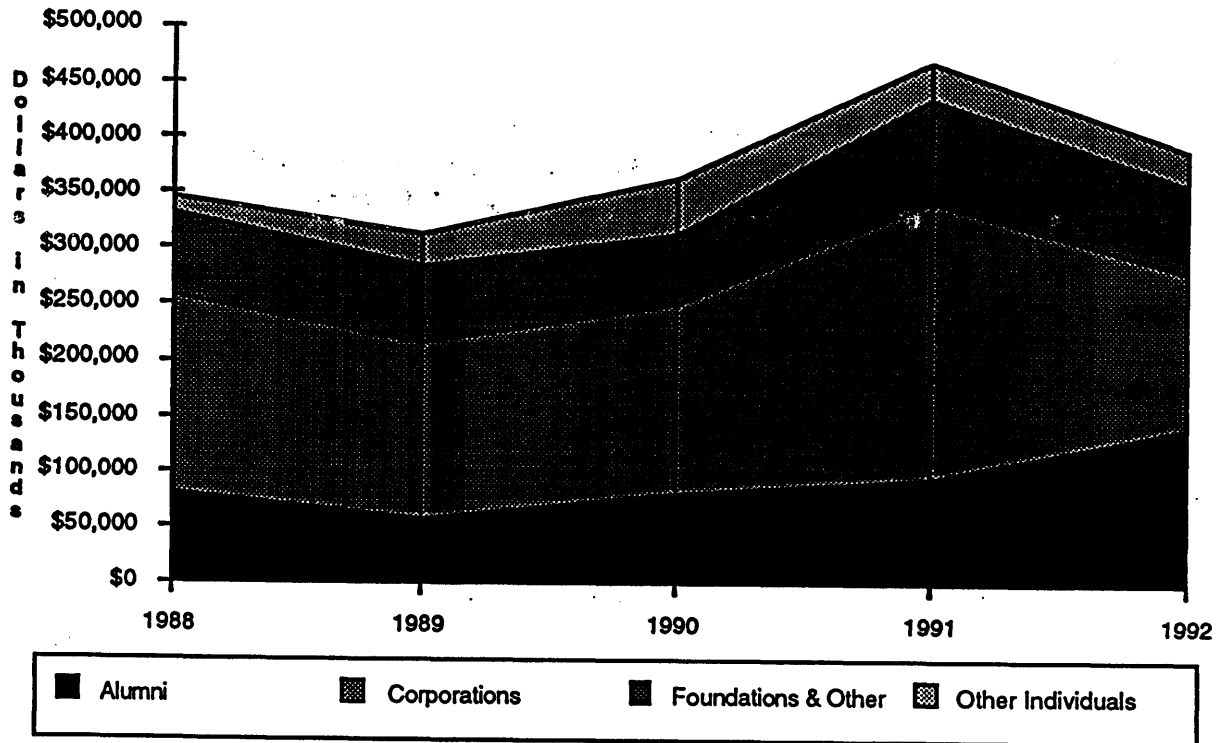
Real dollars calculated using the 2nd quarter implicit price deflator with 1988 as the base year.

**Total Sponsored Research Costs by Agency
Fiscal Years 1988 to 1992**

	1988	1989	1990	1991	1992
Federal					
Defense	\$47,300,997	\$51,591,526	\$54,882,486	\$54,309,793	\$60,157,000
National Science Foundation	19,007,709	18,064,424	20,269,542	21,070,932	25,241,000
Health & Human Services	8,767,297	7,671,592	7,230,473	7,805,456	6,787,000
Energy	3,753,054	4,114,278	4,247,083	3,876,166	3,441,000
Other Federal	3,489,823	4,537,403	2,213,786	5,383,455	6,795,000
TOTAL	\$82,318,880	\$85,979,223	\$88,843,370	\$92,445,802	\$102,421,000
Non-Federal					
Industrial	\$17,100,589	\$18,943,891	\$20,139,928	\$20,382,774	\$18,998,000
Other Non-Federal	11,646,452	15,768,230	13,630,005	14,999,978	15,485,000
TOTAL	\$28,747,041	\$34,712,121	\$33,769,933	\$35,382,752	\$34,483,000
TOTAL	\$111,065,921	\$120,691,344	\$122,613,303	\$127,828,554	\$136,904,000

CARNEGIE MELLON UNIVERSITY

**Total Giving
By Source
Fiscal Years 1988 to 1992**



**Voluntary Support
By Source and Purpose
Fiscal Years 1988 to 1992**

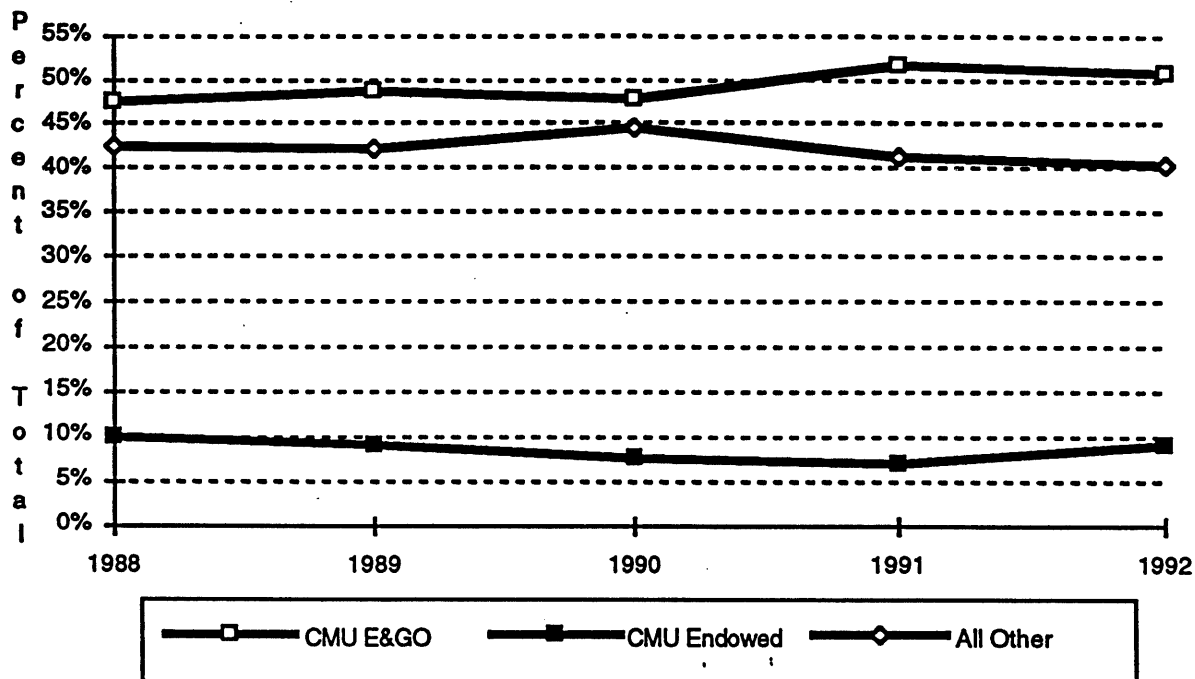
	1988	1989	1990	1991	1992
Current Operations					
Alumni	\$1,921,594	\$2,339,210	N/A	\$4,366,563	\$4,786,556
Other Individuals	806,762	1,193,421	N/A	1,329,170	1,555,594
Foundations & Other	5,850,080	6,120,168	N/A	5,433,231	4,569,194
Corporations	4,911,391	4,042,599	N/A	4,390,435	4,609,945
TOTAL	\$13,489,827	\$13,695,398	\$12,424,910	\$15,519,399	\$15,521,289
Capital					
Alumni	\$6,120,059	\$3,419,150	N/A	\$5,178,961	\$9,696,973
Other Individuals	513,822	1,657,045	N/A	1,994,553	1,588,705
Foundations & Other	1,444,467	682,673	N/A	3,660,000	3,117,770
Corporations	12,909,517	11,769,657	N/A	20,511,037	9,169,830
TOTAL	\$20,987,865	\$17,528,525	\$23,694,860	\$31,344,551	\$23,573,278
Total Giving					
Alumni	\$8,041,653	\$5,758,360	\$8,155,695	\$9,545,524	\$14,483,529
Other Individuals	1,320,584	2,850,466	4,630,389	3,323,723	3,144,299
Foundations & Other	7,294,547	6,802,841	6,341,151	9,093,231	7,686,964
Corporations	17,820,908	15,812,256	16,992,535	24,901,472	13,779,775
TOTAL	\$34,477,692	\$31,223,923	\$36,119,770	\$46,863,950	\$39,094,567

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 1988 to 1992**



*All other includes Federal, State and Other Grant Resources

**Undergraduate Financial Aid Resources
By Source
Fiscal Years 1988 to 1992
(Dollars in Thousands)**

	1988	1989	1990	1991	1992
Scholarships & Grants					
Federal - PELL	\$801	\$1,041	\$1,085	\$1,018	\$1,231
Federal - SEOG	1,641	1,471	1,677	1,684	1,745
State - PHEAA	1,198	1,301	1,434	1,462	1,492
Other State Grants	159	165	153	114	108
CMU E&GO	7,542	8,325	9,785	11,000	12,758
CMU Endowed	1,559	1,538	1,547	1,463	2,243
CMU Gifts and Grants	280	311	289	312	274
ROTC	975	1,257	1,901	2,255	2,610
Other Grant Resources	1,694	1,654	2,596	1,941	2,682
TOTAL	\$15,849	\$17,063	\$20,467	\$21,249	\$25,143
Self-Help					
Workstudy	\$1,938	\$1,691	\$1,713	\$1,438	\$1,449
Loans	8,716	7,908	9,150	7,610	8,196
TOTAL	\$10,654	\$9,599	\$10,863	\$9,048	\$9,645
TOTAL	\$26,503	\$26,662	\$31,330	\$30,297	\$34,788
% of Undergraduates with Need	62.0%	63.5%	63.9%	65.0%	60.0%

CARNEGIE MELLON UNIVERSITY

Finances

Additional Facts and Figures

Undergraduate Tuition Comparison by Benchmark Competitors

Academic Year 1992-93

School	Tuition & Fees	Room & Board*
<u>Carnegie Mellon</u>	<u>\$16,100</u>	<u>\$5,660</u>
Tier 1 MIT	18,000	5,565
Princeton	17,750	5,517
Cornell	17,276	5,394
Univ. of Penn	16,838	6,330
Stanford	16,536	6,313
Avg. Tier 1	\$17,280	\$5,824
Tier 2 Univ. of Chicago	17,346	5,940
Washington Univ.	16,918	5,394
Univ. of Rochester	16,454	6,015
RPI	16,402	5,468
Northwestern	15,075	5,094
Avg. Tier 2	\$16,439	\$5,582

*Double Room-21 meals/week, CMU-Double Room-Constant PassPlus Source: College Cost Book

Carnegie Mellon Tuition Benefits

Fiscal Years 1988 to 1992

(Dollars in Thousands)

	1988	1989	1990	1991	1992
Total	\$2,529	\$2,901	\$3,151	\$3,523	\$3,555

Endowment Statistics

Fiscal Years 1988 to 1992

(Dollars in Thousands)

	1988	1989	1990	1991	1992
Book Value	\$241,066	\$262,177	\$277,780	\$294,030	\$310,706
Market Value	265,664	290,962	299,168	313,330	361,091
Life Income Funds	25,892	21,674	21,485	20,418	22,091
Rank	38	36	41	44	41
Endowment/FTE Student**	\$42,974	\$46,686	\$47,180	\$48,410	\$55,320
Rank	71	75	81	83	83

**Private Institutions Only

Carnegie Mellon National Rank

Research and Development Funds for

Academic, Science, and Engineering Purposes

Fiscal Years 1987 to 1991

	1987	1988	1989	1990	1991
Total R&D	45th	45th	50th	53th	55th
Total R&D Among Privates	18th	17th	17th	18th	19th
Industry Sponsored R&D	6th	7th	8th	9th	10th

Source: NACUBO Endowment Reports

SPACE AND FACILITIES

CARNEGIE MELLON UNIVERSITY

Total Space
In Square Footage
By Major Division, College/Division, and Use Category
as of February 12, 1993

	Use Category							TOTAL		
	Classroom & Serv.	Labs Studios & Serv.	Office & Serv.	Conf./Mtg. Asmblly/Exh. & Serv.	Food/Lnge. Merch. & Serv.	Study Data Proc. & Serv.	Shops/Veh. Food & Gen. Storage & Serv.		Housing	Other
Major Division College/Division										
President	0	0	3,870	746	0	0	10	0	0	4,627
Provost										
CIT	1,179	117,241	88,917	6,251	5,491	9,859	13,243	0	939	243,120
CFA	15,310	103,297	34,656	12,651	181	2,453	14,005	0	1,522	184,075
H&SS	4,743	13,347	64,780	1,681	1,266	1,659	1,168	0	2,602	91,246
MCS	867	127,429	68,265	3,260	1,854	7,146	25,031	0	4,643	238,495
SCS	1,021	33,424	70,284	6,809	1,235	13,672	1,837	0	1,326	129,608
GSIA	14,895	0	38,638	2,371	5,066	8,397	6,448	0	0	75,815
HNZ	1,656	3,127	16,164	921	1,022	49	608	0	238	23,785
CMRI	0	23,673	35,545	306	0	176	10,496	0	1,881	72,077
SEI	0	0	58,806	11,889	2,996	11,527	6,108	0	4,546	95,872
Other	755	10,747	34,742	15,324	5,486	95,320	18,383	0	10,483	191,240
TOTAL	40,426	432,285	510,797	61,463	24,597	150,258	97,327	0	28,180	1,345,333
VP Business Aff. & Planning										
Campus Services	0	0	8,068	4,855	58,876	0	28,335	0	3,872	105,006
PP-Fac & Adm.	0	0	8,914	1,120	1,049	600	39,991	0	18,951	70,625
Other	4,601	0	15,957	334	336	58	855	0	0	22,141
TOTAL	4,601	0	32,939	6,309	60,261	658	70,181	0	22,823	197,772
VP Development	0	0	8,184	325	0	138	597	0	0	9,246
VP Enrollment										
Registrar	57,687	0	1,700	68	553	0	98	0	0	60,106
Other	0	0	28,079	16,491	20,457	2,463	38,774	578,869	71,168	754,301
TOTAL	57,687	0	29,779	16,559	21,010	2,463	38,872	578,869	71,168	814,407
VP University Relations	0	0	6,348	360	0	0	221	0	5,972	12,901
Total CMU	102,714	432,285	591,918	85,763	105,868	153,517	205,209	578,869	128,143	2,394,286
NON-CMU Occupant	0	0	0	0	0	0	0	0	81,360	81,360
Total Net Assign. Space	102,714	432,285	591,918	85,763	105,868	153,517	205,209	578,869	219,503	2,475,646
Building Support	0	0	0	0	0	0	0	0	897,884	897,884
TOTAL	102,714	432,285	591,918	85,763	105,868	153,517	205,209	578,869	1,117,387	3,373,530

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

CARNEGIE MELLON UNIVERSITY

**Total Space
In Square Footage
By Major Division, College/Division, and Building
as of February 12, 1993**
(see building abbreviations on page 89 in the appendix)

Major Division	Building													
	B/P	CC	CFA	DH	EDSH	FMR/MSL	GSIA	GYM	HBH	HH	HL	MMC	MI	PPB
President	109	0	0	0	0	0	0	0	1,601	0	0	0	0	0
Provost														
CIT	45,359	0	0	54,226	0	0	0	0	16,675	75,353	0	0	0	0
CFA	5,233	0	82,316	36,435	0	0	0	0	0	0	0	56,259	0	0
H&SS	76,859	0	1,099	0	2,238	0	0	0	0	0	0	7,312	0	0
MCS	0	0	0	43,673	0	0	0	0	0	0	0	0	137,013	1,286
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	73,175	0	0	0	0	0	0	0
HNZ	0	0	0	0	0	0	0	0	23,785	0	0	0	0	0
CMRI	0	0	0	0	0	0	0	0	0	0	0	0	36,347	0
Other	4,911	4	1,344	0	1,896	211	290	0	10,904	0	77,844	0	22,037	0
TOTAL	132,362	4	84,759	145,706	8,510	15,902	73,465	0	51,364	75,353	77,844	63,571	195,397	1,286
VP Business Aff. & Planning														
Campus Srv's	6,223	9,905	20	0	0	0	100	0	0	0	0	39	4,782	960
Other	3,865	0	1,828	1,085	2,259	131	749	463	1,009	413	302	4,545	8,093	28,050
TOTAL	10,088	9,905	1,848	1,085	2,259	131	849	463	1,009	413	302	4,584	12,875	29,010
VP Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VP Enrollment														
Classrooms	21,813	0	2,905	11,637	0	0	0	0	4,954	1,860	0	2,662	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	55,108	0	0	0	0	0	0
Other	1,148	0	0	0	4,445	0	0	0	4,941	510	0	1,524	160	584
TOTAL	22,961	0	2,905	11,637	4,445	0	0	55,108	9,895	2,370	0	4,186	1,285	584
VP University Relations	0	0	0	0	106	0	0	0	861	0	0	0	313	0
Total CMU	165,520	9,909	89,512	158,428	15,320	16,033	74,314	55,571	64,730	78,136	78,146	72,341	209,870	30,880
NON-CMU Occupant	0	0	0	0	0	38,511	0	0	5,082	0	0	0	0	0
Total Net Assignable Space	165,520	9,909	89,512	158,428	15,320	54,544	74,314	55,571	69,812	78,136	78,146	72,341	209,870	30,880
Building Support	67,124	2,653	35,510	58,228	2,968	21,286	40,782	7,274	32,098	36,745	23,379	30,350	141,272	13,203
TOTAL	232,644	12,562	125,022	216,656	18,288	75,830	115,096	62,845	101,910	114,881	101,525	102,691	351,142	44,083

CARNEGIE MELLON UNIVERSITY

Total Space (cont.)

Major Division	Building										TOTAL
	PRB	PUB	SH	SKIBO	UCC	WEH	WH	OTHER	HOUSING	LEASED	
President	0	0	0	0	0	0	2,918	0	0	0	4,627
Provost											
CIT	0	0	18,599	0	2,119	29,232	0	898	0	660	243,120
CFA	0	0	0	0	0	195	0	3,637	0	0	184,075
H&SS	0	0	0	0	0	0	0	878	0	2,860	91,246
MCS	0	0	1,104	0	0	49,419	0	0	0	6,000	238,495
SCS	6,316	0	0	0	9,837	82,016	0	0	0	0	129,608
GSIA	0	0	0	0	0	0	0	2,640	0	0	75,815
HNZ	0	0	0	0	0	0	0	0	0	0	23,785
CMRI	0	0	0	0	0	0	0	0	0	35,730	72,077
Other	0	0	0	626	25,889	19,003	1,903	6,720	0	113,530	287,112
TOTAL	6,316	0	19,702	626	37,845	179,865	1,903	14,773	0	158,780	1,345,333
VP Business Aff. & Planning											
Campus Sv's	0	0	0	28,454	382	0	979	31,537	0	21,625	105,006
Other	0	0	443	394	4,438	2,760	10,732	20,720	0	487	92,766
TOTAL	0	0	443	28,848	4,820	2,760	11,711	52,257	0	22,112	197,772
VP Development	0	0	0	0	0	0	5,388	3,858	0	0	9,246
VP Enrollment											
Classrooms	0	0	4,939	0	98	6,413	1,700	0	0	0	60,106
Housing	0	0	0	0	0	0	0	0	543,144	70,050	613,194
Athletics	0	0	0	0	0	0	0	16,180	0	0	71,288
Other	904	0	0	35,326	485	0	9,625	10,167	0	0	69,819
TOTAL	904	0	4,939	35,326	583	6,413	11,325	26,347	543,144	70,050	814,407
VP University Relations	0	9,264	0	280	0	0	0	2,077	0	0	12,901
Total CMU	7,220	9,264	25,084	65,079	43,248	189,038	33,245	99,312	543,144	250,942	2,384,286
NON-CMU Occupant	0	0	0	0	0	0	0	47,767	0	0	91,360
Total Net Assignable Space	7,220	9,264	25,084	65,079	43,248	189,038	33,245	147,079	543,144	250,942	2,475,646
Building Support	92	1,054	11,121	29,604	19,416	104,500	12,846	5,605	161,829	38,946	897,884
TOTAL	7,312	10,318	36,205	94,683	62,664	293,538	46,091	152,684	704,973	289,888	3,373,530

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.

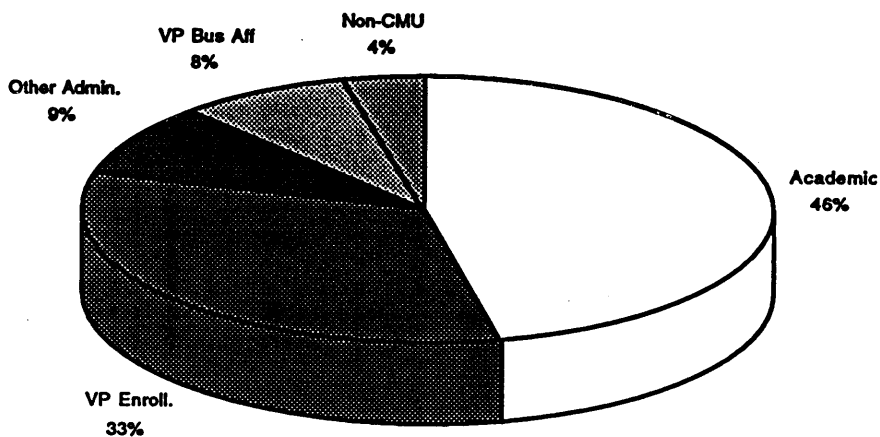
Major Leased space includes SEI and the Eicheley Building.

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

CARNEGIE MELLON UNIVERSITY

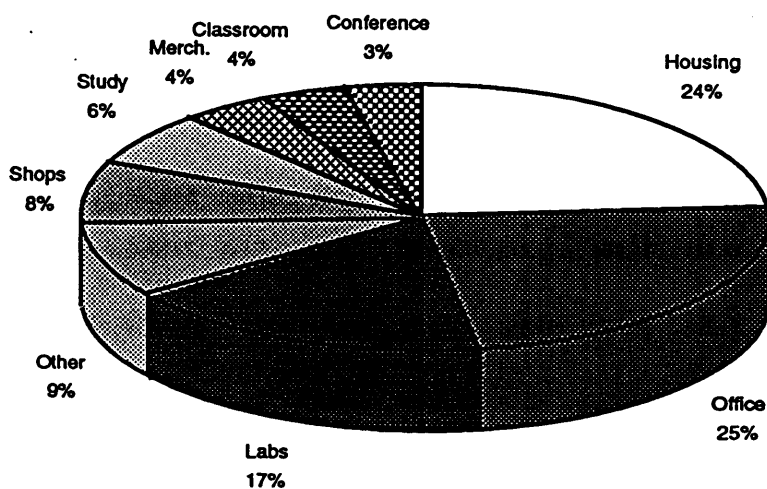
**Net Assignable Space by Major Use and Division
As of February 12, 1993**

Net Assignable Space by Major Division



* Other Admin.: President, Provost Administration Functions, Development and Public Relations

Net Assignable Space by Major Use



CARNEGIE MELLON UNIVERSITY

**Parking Capacity
Fiscal Years 1988 to 1993**

	1989 Spaces	1990 Spaces	1991 Spaces	1992 Spaces	1993 Spaces
Permit Parking	1,837	1,935	2,001	2,203	2,214
Visitor Parking	46	44	32	39	33
Meter Parking	80	94	87	194	213
Utility Parking	80	80	80	18	15
Campus Street	301	301	301	301	301
CMU Area Total	2,344	2,454	2,501	2,755	2,776
Total Permits Issued	2,280	2,324	2,393	2,611	2,621

**Housing Capacity
By Units, Beds Available and Filled
Fall Semester 1992**

	Rooms Available	Beds Available	Beds Filled
Boss	42	77	76
Carol Apts.	22	44	44
Doherty	60	189	187
Donner	136	254	254
Fairfax Apts.	26	53	52
Fraternities	233	466	376
Hammerschlag	78	168	168
Henderson	18	40	39
McGill	42	77	77
Mar. Morr. Apts.	20	80	80
Mar. Morr.S. I. Houses	5	48	48
Marybelle Apts.	18	36	35
Morewood Gardens Apts.	17	51	51
Morewood Gardens-A, B, C, D	235	451	450
Morewood Gardens-E	122	247	247
Mudge	165	307	307
Resnik	91	151	151
Roselawn	11	55	55
Scobell	62	88	88
Sororities	32	64	64
Shirley Apts.	22	41	41
Spirit House	9	9	9
Tech House	8	8	6
Tudor Apts.	20	40	36
Welch	30	54	54
West Wing	87	147	147
Woodlawn	9	30	30
Total	1,620	3,275	3,172

APPENDIX

DEFINITIONS

I. COLLEGE AND DEPARTMENT LISTING

College

<u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>
CARNEGIE INSTITUTE OF TECHNOLOGY	CIT	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
ADDITIONAL UNITS:		
Nuclear Engineering	Nuclear E.	This is no longer a formal department, but a few students are 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.
COLLEGE OF FINE ARTS	CFA	Undergraduate and graduate college.
Architecture		
Art		
Design		
Drama		
Music		
Studio for Creative Inquiry	SFCI	Research Center
ADDITIONAL UNITS:		
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.
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES	H&SS	Undergraduate and graduate college.
English		
History		
Modern Languages		
Philosophy		
Psychology		
Social and Decision Sciences	S & D S.	
Statistics		

<u>College</u>	<u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>
H&SS (cont.)			
ADDITIONAL UNITS:			
	Economics		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.
	Industrial Management in H&SS	IM - H&SS	
	Student Defined Major	Student Def'd	Some students in H&SS define individualized interdisciplinary majors.
	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.
Information Networking Institute INI			Joint academic program between CIT, GSIA, and SCS.
MELLON COLLEGE OF SCIENCE MCS			Undergraduate and graduate college.
	Biological Sciences	Biology	
	Chemistry	Chem	
	Mathematics	Math	
	Physics	Phy	
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			Undergraduate and graduate college.
	Computer Science	Comp. Sci.	
	Robotics	Rob	
	Center for Machine Translation	CMT	Research Center
	Information Technology Center	ITC	Research Center
GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION			Graduate College.
ADDITIONAL UNITS			
	Economics		Most Economics courses are taught by GSIA faculty. Most IM courses are taught by GSIA faculty.
	Industrial Management	IM	
THE HEINZ SCHOOL			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(see Students section).

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	Freshman, Sophomore, Junior, Senior
	Graduate	Students enrolled in Master's or Doctoral programs.
	Non-Degree	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	CMU owned dormitories physically located on the campus.
	Off-Campus	CMU controlled off-campus housing.
	Fraternity/Sorority	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., M.F.A, 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.

RACE

NRA-Non Resident Aliens, AI/AN-American Indian/Alaskan Native, A/PI-Asian/Pacific Islander, Hisp.-Hispanic and Unkn.-Unknown

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.

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.

TUITION AND FEES (cont.)
Average Board

Constant Pass Plus. The annual charge for unlimited access to Highlander Cafe + 50 block meals per semester.

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 Carnegie Mellon Research Institute	Expenditures supporting the academic programs and operations in the colleges. 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.

EXPENDITURES (cont.)

General Institutional

Auxiliary Services

Total Transfers

Includes insurance, legal and investment agent fees.

Expenditures for the operation of Auxiliary Services units.

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, 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	University Computing Center
WEH	Wean Hall
WH	Warner Hall