

Carnegie Mellon Facts 1994

Volume 8

**Patrick J. Roach, Editor
University Planning and Budget
Carnegie Mellon University
February 1994**

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 and Budget server located on the macintosh network.

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 1994 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

CARNEGIE MELLON UNIVERSITY
HISTORY, MISSION, ORGANIZATION

The University	2
Mission Statement.....	4
University Organizational Chart.....	5
Degree Programs By College and Department.....	7
Research Centers, Institutions and Groups By Academic, Research or Other Units	10
Endowed and Named Professors By College.....	12
Accreditations BY College and Department	14

STUDENTS

Freshman Applicant Activity. Fall Semesters 1989 to 1993	18
Freshmen Average SAT Scores, CMU and National. Fall Semesters 1989 to 1993.....	19
Top Fifteen Competing Schools, Entering Freshmen 1989 to 1993.....	20
Enrolled First-Time Freshmen By Region and State. Fall Semester 1993	21
Undergraduate Headcount Enrollment By Region and State. Fall Semester 1993	22
Headcount Enrollment By Continent and Country of Citizenship. Fall Semester 1993	23
Headcount Enrollment By Department, Level and Status. Fall Semester 1993	25
Headcount Enrollment By Department, Level and Sex. Fall Semester 1993.....	26
Headcount Enrollment By Department and Class. Fall Semester 1993.....	27
Full-Time Equivalent (FTE) Enrollment By Department and Class. Fall Semester 1993	28
Headcount and FTE Enrollment By College, Level and Status. Fall Semesters 1988 to 1993.....	29
Undergraduate Headcount Enrollment By Department, Race and Sex. Fall Semester 1993	31
Graduate Headcount Enrollment By Department, Race and Sex. Fall Semester 1993.....	32
Distribution of Students By Housing Type, Level and Sex. Fall Semester 1993.....	33
Graduation and Persistence Rates by College and for CMU.....	34
Total Degrees Granted By Department and Level. Academic Year 1992-93.....	35
Total Degrees Granted By College and Level. Academic Years 1988-89 to 1992-93	36

TEACHING AND ACADEMIC SUPPORT

Units Taught, By Department, Semester and Level. Academic Year 1992-93	40
Units Taught By College and Level. Academic Years 1988-89 to 1992-93	41
Computing Services Statistics. Fiscal Years 1990 thru 1993.....	42
Instructional Technology Statistics. Fiscal Years 1990 thru 1993.....	43
Academic Services Statistics Library Collections and Utilization	44
Teaching and Academic Support. Additional Facts and Figures.....	46

FACULTY AND STAFF

Full Time Employees By Division and Job Category. Fall 1993.....	50
Total Faculty By Department, Category, and Status. Fall Semester 1993.....	51
Full Time Regular Faculty By Rank and Department. Fall Semester 1993	52
Full-Time Regular Faculty By Tenure Status, Department and Sex. Fall Semester 1993.....	53
Full Time Regular Faculty By Tenure Status and College. Fall Semesters 1989 to 1993	54
Full-Time Regular Faculty By Tenure Status and College. Fall Semester 1993.....	55
Full-Time Regular Faculty By Tenure Status. Fall Semester 1989 to 1993.....	55
Faculty Salaries Indexed Growth F-T Regular Faculty. Academic Years 1989-90 to 1993-94.....	56
Average Faculty Salaries Full-Time Regular Faculty. Academic Years 1989-90 to 1993-94	56
Regular Faculty. Additional Facts and Figures.....	57

ALUMNI

Active Alumni By Region and State. As of February 1994	60
Active Alumni. Additional Facts and Figures	61

FINANCES

Tuition and Fees. Academic Years 1989-90 to 1993-94.....	64
Current Funds Revenues, Expenditures, and Transfers. Fiscal Years 1989 to 1993.....	65
Distribution of Current Funds Revenues. Fiscal Year 1993	66
Distribution of Current Funds Expenditures and Transfers. Fiscal Year 1993.....	66
Total Sponsored Research Costs by College and Research Center. Fiscal Years 1989 to 1993	67
Sponsored Research Costs Real versus Nominal Growth. Fiscal Years 1989 to 1993.....	68
Total Sponsored Research Costs by Agency. Fiscal Years 1989 to 1993.....	68
Total Giving by Source, Nominal Dollars. Fiscal Years 1989 to 1993.....	69
Voluntary Support By Source and Purpose. Fiscal Years 1989 to 1993.....	69
Undergraduate Scholarships and Grants By Source, % of Total. Fiscal Years 1989 to 1993.....	70
Finances. Additional Facts and Figures	71

SPACE AND FACILITIES

Total Space in Square Footage By Division, College/Division, & Use Category. As of 6/ 30/94	74
Total Space in Square Footage By Major Division, College/Division, and Building. As of 6/ 30/94	75
Net Assignable Space by Major Use and Division. As of February 12, 1994.....	77
Parking Capacity. Fiscal Years 1990 to 1994	78
Housing Capacity By Units, Beds Available and Filled. Fall Semester 1993	78

Current Campus Map 1994.....79

APPENDIX

College & Department Listing..... 84
Time Periods..... 86
Definition of Terms 86
Questionnaire 90



HISTORY, MISSION, ORGANIZATION



CARNEGIE MELLON UNIVERSITY

The University

Carnegie Mellon has emerged as one of the nation's leading 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 four 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.

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, machine translation and robotics. The school grants doctor's degrees in computer science and robotics, a master's degree in software engineering and an undergraduate degree through the mathematics track in the Mellon College of Science.

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 and a doctor's degree in Public Policy Analysis.

CARNEGIE MELLON UNIVERSITY

Vision

Carnegie Mellon will lead educational institutions by building on its traditions of innovation and transcending disciplinary boundaries to meet the changing needs of society.

Mission Statement

To create and disseminate knowledge and art through research and artistic expression, teaching and learning, and transfer to society.

To pursue the advantages provided by a diverse community, open to the exchange of ideas, where discovery and artistic creativity can flourish.

To serve our students by teaching them leadership and problem-solving skills, and our values of quality, ethical behavior, responsibility to society and commitment to our work.

Our Values and Traditions

Leadership: We lead through innovation and excellence; we establish new directions by talent and example, influencing the behavior of other institutions.

Innovation: We identify challenges and opportunities presented by evolving human needs, new research methods and technologies. We then promptly assemble the talent and resources needed to exploit these opportunities. Our innovative capability is one of the foundations upon which our leadership capacity is built.

Transcending Departmental Boundaries: We function seamlessly and transcend traditional disciplinary boundaries to our comparative advantage.

Responsibility to Society: We serve society through transfer of technology, continuing education programs, public service and enrichment of the community through the arts.

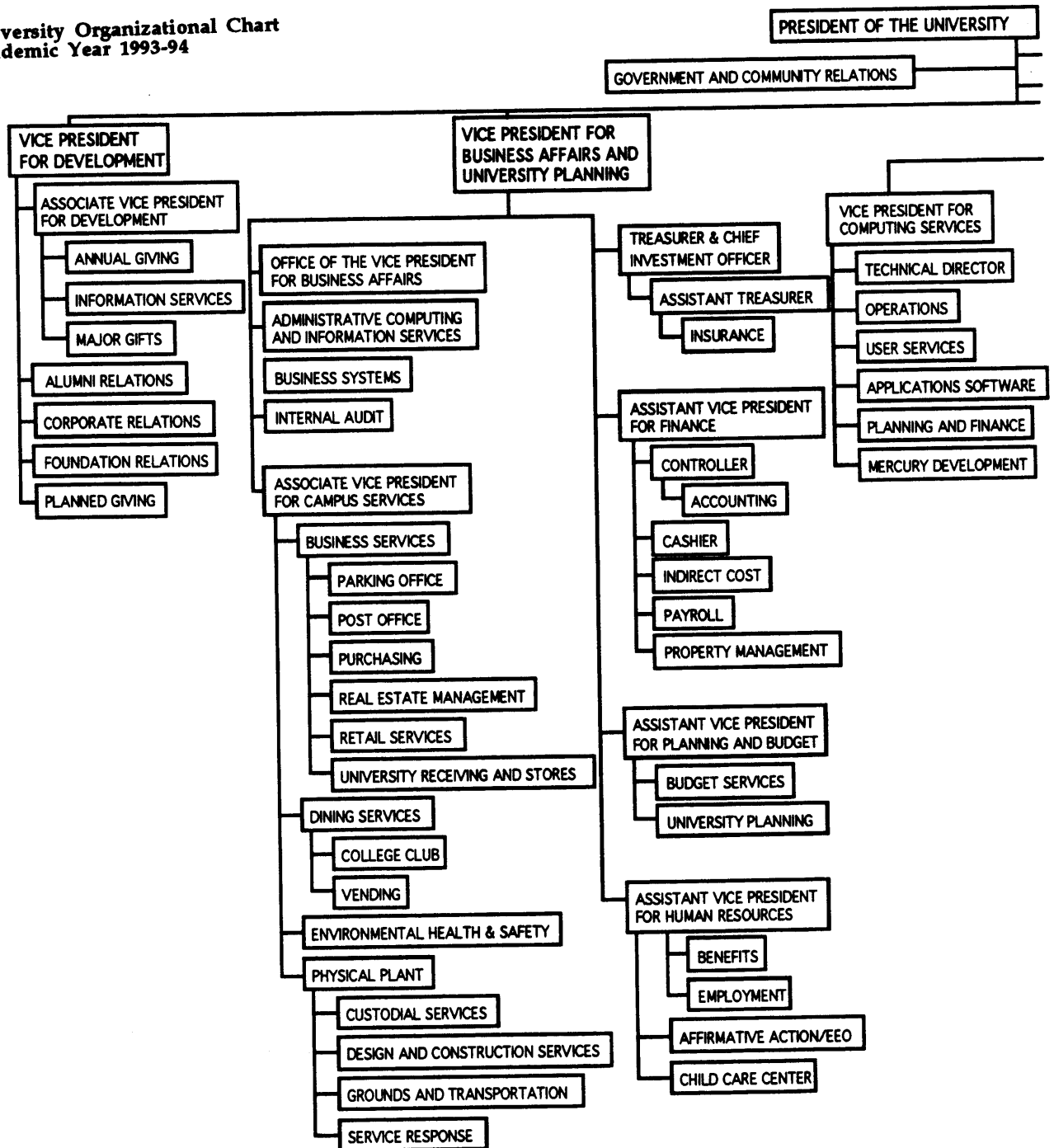
Learning: We will build on our heritage of the Carnegie Plan to become a leading institution that combines first-rate research with outstanding undergraduate education through our focus on learning and problem-solving.

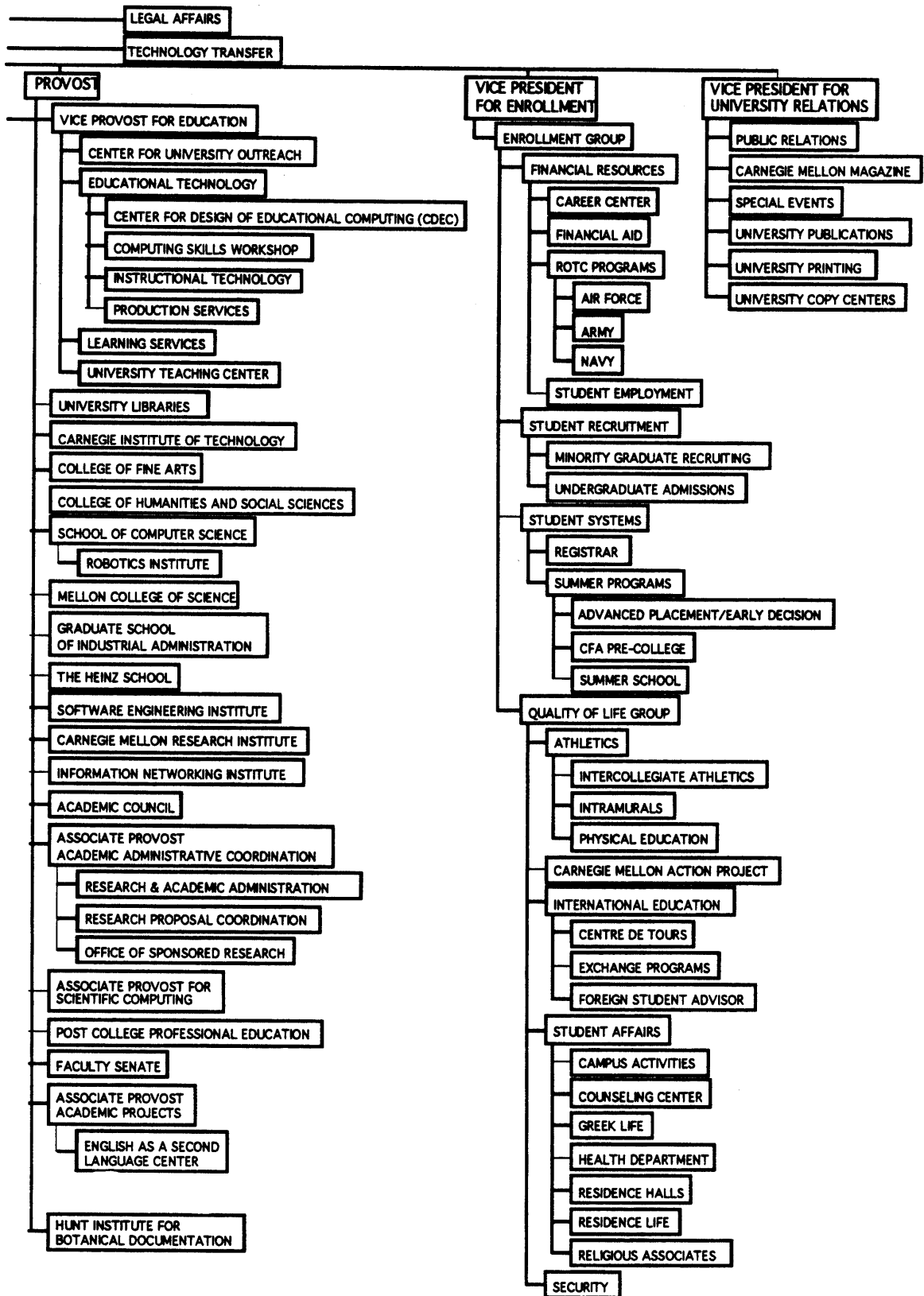
Dedication to our Work: Our students, staff and faculty are committed to our heritage emblazoned on our seal: "My Heart is in the Work."

Commitment to Quality: We focus our energies on understanding the needs of the communities we serve while applying principles of self-evaluation, benchmarking and continuous improvement to fulfill these needs.

CARNEGIE MELLON UNIVERSITY

University Organizational Chart
Academic Year 1993-94





CARNEGIE MELLON UNIVERSITY

**Degree Programs By College and Department
Academic Year 1993-94**

CARNEGIE INSTITUTE OF TECHNOLOGY

Biomedical Engineering	
Engineering (Biomedical E. Option)	B.S.
Biomedical E. with CIT Department	M.S.
Biomedical E.	M.S.
Biomedical E. with CIT Department	Ph.D.
Biomedical E.	Ph.D.
Chemical Engineering	
Chemical E.	B.S.
Chemical E.	M.S.
Chemical E.	Ph.D.
Colloids, Polymers, & Surfaces (Interdisciplinary w/ MCS)	M.S.
Civil Engineering	
Civil E.	B.S.
Civil E.	M.S.
Civil E.	Ph.D.
Engineering and Public Policy	
Engineering Major & EPP	B.S.
EPP	M.S.
Engineering Major & EPP	M.S.
EPP	Ph.D.

Electrical and Computer Engineering	
Computer E.	B.S.
Electrical E.	B.S.
Electrical and Computer E.	M.S.
Electrical and Computer E.	Ph.D.

Mechanical Engineering	
Mechanical E.	B.S.
Mechanical E.	M.E.
Mechanical E.	M.S.
Mechanical E.	Ph.D.

Materials Science and Engineering	
MSE	B.S.
MSE	M.E.
MSE	M.S.
MSE	Ph.D.

Manufacturing Engineering	
Manufacturing Engineering	M.M.E.

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Humanities and Arts (jointly w/CFA)	B.H.A.
Economics	
Economics	B.A.
Economics	B.S.
Managerial Economics	B.S.
English	
Literary & Cultural Studies	B.A.
Creative Writing	B.A.
Professional Writing	B.A.
Technical Writing	B.S.
English	M.A.
Professional Writing	M.A.
Literary & Cultural Theory	Ph.D.
Rhetoric	Ph.D.
History	
History	B.A.
History	B.S.
Applied History	B.A.
Applied History	B.S.
Interdisciplinary History	B.A.
Interdisciplinary History	B.S.
European Studies (Double Major)	B.A.
History	M.A.
Applied History	M.S.
History	Ph.D.
Applied History	Ph.D.
Student Defined	B.A.
Student Defined	B.S.

Modern Languages	
French	B.A.
German	B.A.
Spanish	B.A.

Philosophy	
Philosophy	B.A.
Logic & Computation	B.S.
Computational Linguistics	B.S.
Logic & Computation	M.S.
Computational Linguistics	M.S.
Computational Linguistics	Ph.D.
Pure & Applied Logic (w/ Computer Science & Mathematics)	Ph.D.

Psychology	
Psychology	B.A.
Psychology	B.S.
Cognitive Science	B.S.
Psychology	Ph.D.

Social and Decision Sciences	
Social & Decision Sciences	B.S.
Information & Decision Systems	B.S.
Policy & Management	B.S.
Political Science	B.S.
Social & Decision Sciences	Ph.D.

Statistics	
Statistics	B.S.
Statistics	M.S.
Statistics	Ph.D.

CARNEGIE MELLON UNIVERSITY

**Degree Programs By College and Department
Academic Year 1993-94**

COLLEGE OF FINE ARTS

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

MELLON COLLEGE OF SCIENCE

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

INDUSTRIAL MANAGEMENT

Industrial Management	B.S.
-----------------------	------

CARNEGIE MELLON UNIVERSITY

**Degree Programs By College and Department
Academic Year 1993-94**

**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.
Computational Finance (w/HSS, MCS and SCS)	M.S.
Software Engineering and Business Mgt (w/SCS) and Manufacturing (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 Behavior and Theory	Ph.D.
Politics and Political Economy	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.
---	------

**H. JOHN HIENZ 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	M.S.
Doctor (w/ U. of Pittsburgh)	
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.

CARNEGIE MELLON UNIVERSITY

**Research Centers, Institutions and Groups By Academic, Research or Other Units
Fall 1993**

ACADEMIC UNITS

CARNEGIE INSTITUTE OF TECHNOLOGY

Center for Advanced Deformation Processing Research (CADPR)
Computing Systems Center (CSC)
Center for Energy and Environmental Studies (CEES)
Center for Excellence in Optical Data Processing (CEODP)
Center for Iron and Steelmaking Research (CISR)
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)
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)
Building Industry Computer-Aided Design Consortium

GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION

Carnegie Bosch Institute for Applied Studies in International Management (CBIASIM)
Center for the Management of Technology (CMT)
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)
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 1993

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)
Human Computer Institute (HCI)
Information Technology Center (ITC)
Robotics Institute (RI)
Field Robotics Center (FRC)
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)
Biotechnology Center

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 1993

COLLEGE OF FINE ARTS

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

CARNEGIE INSTITUTE OF TECHNOLOGY

Alumni Chair in Environmental Science and Engineering
Buhl Professor of Electrical and Computer Engineering & Computer Science
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 and Interdisciplinary Studies
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
Finnmeccanica Professor of Computer Science

H. JOHN HEINZ III SCHOOL OF PUBLIC MANAGEMENT & POLICY

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

Appointee

Howard Saalman (emeritus)
Barbara J. Anderson
Herbert Olds
David Smith
Not Filled
Not Filled

Edward Rubin
Daniel P. Siewiorek
Not Filled
David Casasent
John Anderson
Herbert Toor
Richard J. Fruehan
Ignacio E. Grossmann
J. Fletcher Osterle
Harold W. Paxton
Francis C. McMichael
Norman A. Chigier

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

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

Chien Ho
Not Filled
Not Filled
Not Filled
Robert B. Griffiths
Morton E. Gurtin

Not Filled
Takeo Kanade
Guy Blelloch

Not Filled
Alfred Blumstein

CARNEGIE MELLON UNIVERSITY

**Endowed and Named Professors By College
Fall 1993**

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
Harry B. & James H. Higgins University Professor of Economics and Finance
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 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

Egon Balas

D. Raj Reddy
Dana S. Scott

Ronald A. Rohrer

Lester B. Lave
Arthur W. Westerberg
Herbert A. Simon
Yuji Ijiri
Stephen J. Fenves
Stephen W. Director
Lincoln Wolfenstein
William W. Mullins
Leonardo Balada
Angel G. Jordan
Robyn Dawes
Robert F. Sekerka
Alan Meltzer
Otto Davis

CARNEGIE MELLON UNIVERSITY

**Accreditations BY College and Department
Fall Semester 1993**

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
Materials Science and Engineering

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

**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 & MANANGEMENT**

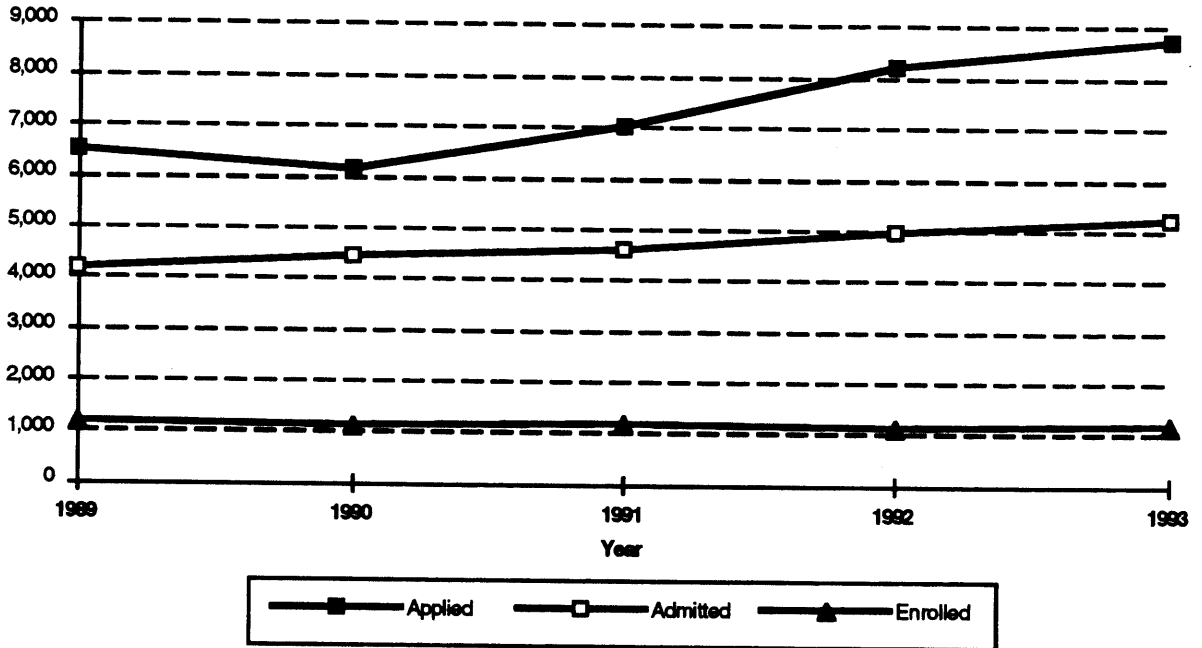
National Association of Schools of Public Affairs and
Administration
NASPAA



STUDENTS

CARNEGIE MELLON UNIVERSITY

Freshman Applicant Activity Fall Semesters 1989 to 1993

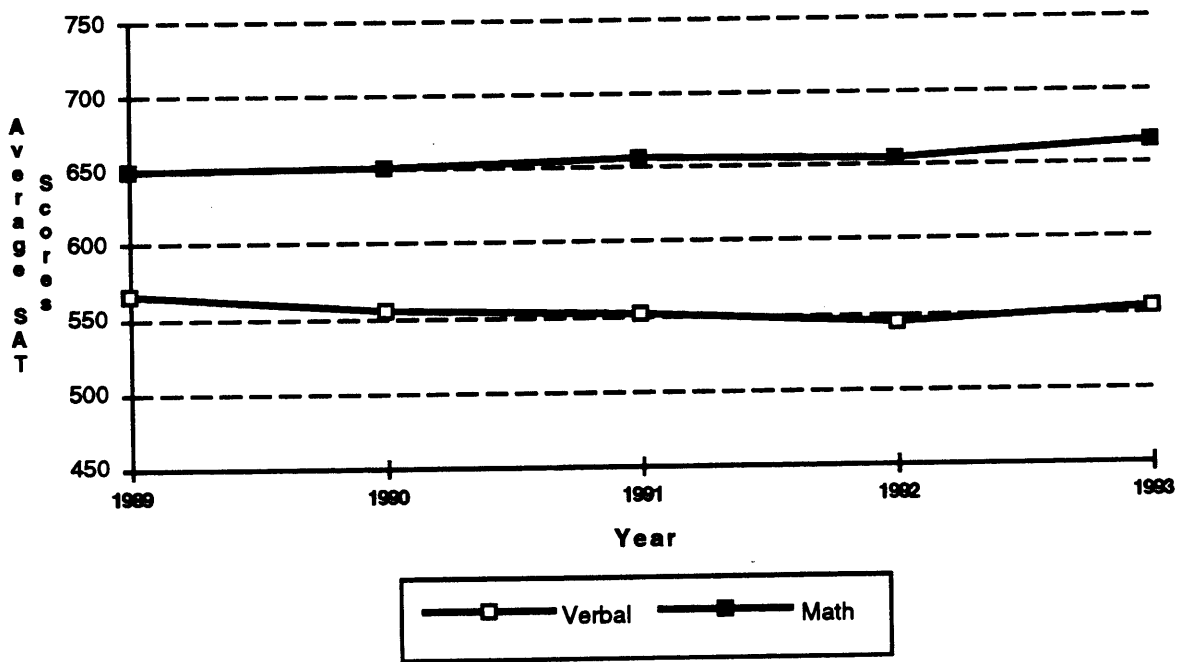


**Freshman Applicant Activity
By College
Entering Fall Semesters 1989 to 1993**

College	Applicant Activity	1989	1990	1991	1992	1993
CFA	Applied	1,494	1,489	1,597	1,726	1,799
	Admitted	632	664	654	697	687
	Admitted %	42%	45%	41%	40%	38%
	Enrolled	263	239	243	231	234
	Yield %	42%	36%	37%	33%	34%
CIT	Applied	2,209	1,982	2,188	2,618	2,662
	Admitted	1,349	1,437	1,484	1,618	1,692
	Admitted %	61%	73%	68%	62%	64%
	Enrolled	379	365	376	383	349
	Yield %	28%	25%	25%	24%	21%
H&SS	Applied	1,262	1,113	1,239	1,471	1,623
	Admitted	1,003	1,009	1,002	1,161	1,205
	Admitted %	79%	91%	81%	79%	74%
	Enrolled	249	224	216	233	279
	Yield %	25%	22%	22%	20%	23%
IM	Applied	374	349	349	386	387
	Admitted	229	242	225	224	220
	Admitted %	61%	69%	64%	58%	57%
	Enrolled	69	58	52	65	30
	Yield %	30%	24%	23%	29%	14%
MCS	Applied	1,176	1,214	1,622	2,006	2,257
	Admitted	947	1,052	1,196	1,267	1,397
	Admitted %	81%	87%	74%	63%	62%
	Enrolled	238	246	290	233	299
	Yield %	25%	23%	24%	18%	21%
CMU	Applied	6,515	6,147	6,995	8,207	8,728
	Admitted	4,160	4,404	4,561	4,967	5,201
	Admitted %	64%	72%	65%	61%	60%
	Enrolled	1,198	1,132	1,177	1,145	1,191
	Yield %	29%	26%	26%	23%	23%

CARNEGIE MELLON UNIVERSITY

Freshmen Average SAT Scores, CMU and National. Fall Semesters 1989 to 1993



Freshman Average SAT Scores By College Fall Semesters 1989 to 1993

College		Average SAT Scores				
		1989	1990	1991	1992	1993
CFA	Verbal	537	536	550	537	534
	Math	589	598	609	603	610
	Total	1,126	1,134	1,159	1,140	1,144
CIT	Verbal	578	561	547	563	553
	Math	698	696	689	695	710
	Total	1,276	1,257	1,236	1,258	1,263
H&SS	Verbal	564	550	544	540	549
	Math	612	606	609	619	617
	Total	1,176	1,156	1,153	1,159	1,166
IM	Verbal	553	534	545	516	534
	Math	651	628	647	666	661
	Total	1,204	1,162	1,192	1,182	1,195
MCS	Verbal	582	568	564	559	571
	Math	677	684	688	685	700
	Total	1,259	1,252	1,252	1,244	1,271
CMU	Verbal	565	554	551	543	553
	Math	649	651	656	654	665
	Total	1,214	1,205	1,207	1,197	1,218
National	Verbal	427	424	422	423	424
	Math	476	476	474	476	478
	Total	903	900	896	899	902

CARNEGIE MELLON UNIVERSITY

Top Fifteen Competing Schools, Entering Freshmen 1989 to 1993

Based on Application Overlap

School	1993	1992	Rank Each Year		
			1991	1990	1989
Cornell	1	1	1	1	1
U of Penn	2	3	3	3	3
MIT	3	2	2	2	2
Princeton	4	6	5	4	4
Johns Hopkins	5	5	11	18	15
Northwestern	6	4	7	8	8
Rice	7	12	17	n/a	n/a
RPI	8	7	4	6	5
Washington U	9	9	10	10	9
U. of Michigan	10	15	8	9	12
Boston U	11	11	9	7	7
Brown	12	17	12	15	13
Duke	13	16	16	14	10
Harvard	13	21	27	n/a	n/a
Yale	15	20	19	13	12

n/a=not available, not in top 15

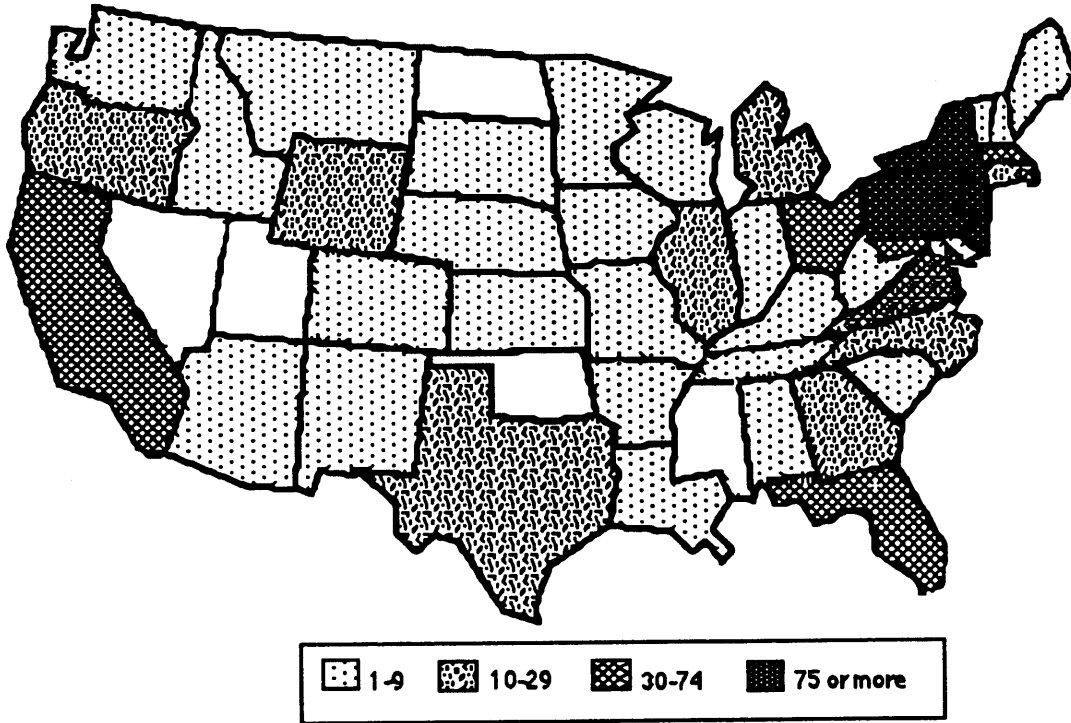
Based on Admittance Overlap

School	1993	1992	Rank Each Year		
			1991	1990	1989
Cornell	1	1	2	1	1
RPI	2	2	1	3	2
U. of Penn	3	8	9	5	5
Washington U.	4	6	7	6	8
Boston U.	5	5	4	4	4
Case Western	6	4	8	14	16
Penn State	7	3	3	2	3
U. of Michigan	8	10	5	10	14
John Hopkins	9	11	15	11	13
Lehigh	10	12	16	8	7
Northwestern U.	11	9	10	12	14
U. of Rochester	12	7	6	28	9
Rutgers	13	12	13	15	10
MIT	14	14	11	9	6
Syracuse	15	21	14	13	12

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

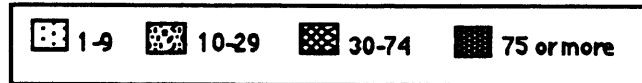
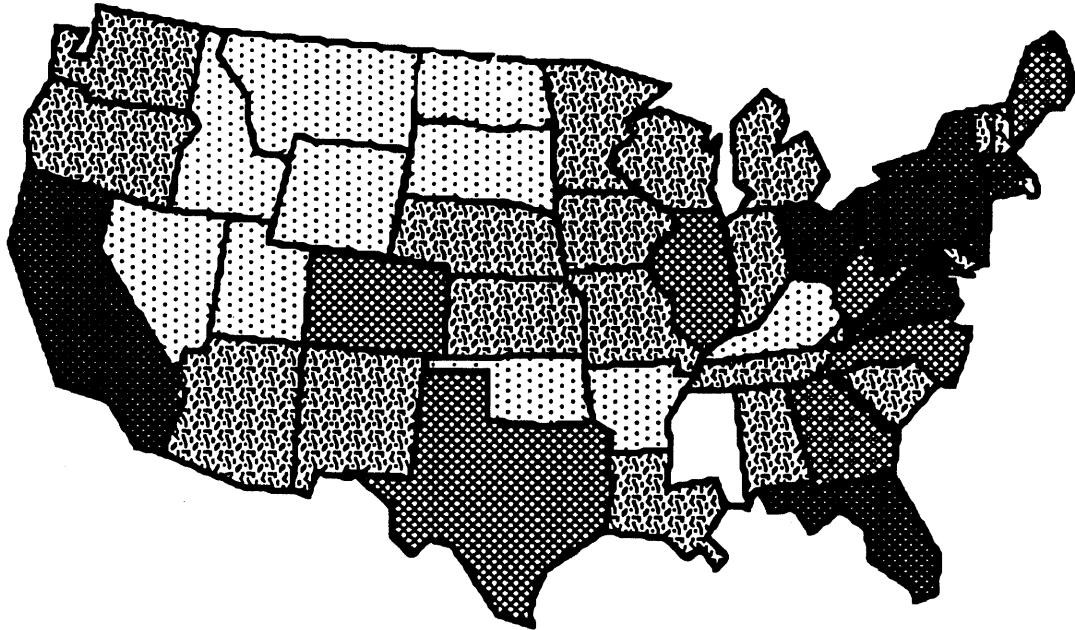
Enrolled First-Time Freshmen By Region and State. Fall Semester 1993



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
New England	South	Midwest	West
Connecticut	32	Arkansas	15
Maine	9	Alabama	9
Massachusetts	40	Florida	5
New Hampshire	7	Georgia	5
Rhode Island	5	Kentucky	4
Vermont	5	Louisiana	14
TOTAL	98	Mississippi	2
Percent of Total	8%	North Carolina	1
		South Carolina	11
		Tennessee	2
		Virginia	7
Middle States		TOTAL	61
Delaware	3	Percent of Total	5%
District of Columbia	4		
Maryland	42	Southwest	
New Jersey	96	Arizona	7
New York	141	New Mexico	7
Ohio	62	Oklahoma	28
Pennsylvania	299	Texas	0
West Virginia	5	TOTAL	38
TOTAL	652	Percent of Total	3%
Percent of Total	55%		
		U.S. Territories	7
		U.S. Citizens Abroad	28
		Unknown	0
		U.S. Total	1,094
		Percent of Total	92%
		Foreign Countries	97
		Percent of Total	8%
		TOTAL	1,191

CARNEGIE MELLON UNIVERSITY

Undergraduate Headcount Enrollment By Region and State. Fall Semester 1993



REGION/STATE	REGION/STATE	REGION/STATE	REGION/STATE
New England	South	Midwest	West
Connecticut 96	Arkansas 5	Illinois 61	Alaska 8
Maine 30	Alabama 12	Indiana 17	California 122
Massachusetts 136	Florida 129	Iowa 10	Colorado 32
New Hampshire 28	Georgia 34	Kansas 11	Hawaii 16
Rhode Island 21	Kentucky 13	Michigan 41	Idaho 8
Vermont 19	Louisiana 15	Minnesota 17	Montana 6
TOTAL 330	Mississippi 0	Missouri 13	Nevada 4
Percent of Total 8%	North Carolina 38	Nebraska 10	Oregon 27
	South Carolina 19	North Dakota 1	Utah 1
Middle States	Tennessee 26	South Dakota 2	Washington 25
Delaware 16	Virginia 122	Wisconsin 18	Wyoming 1
District of Columbia 18	TOTAL 413	TOTAL 201	TOTAL 250
Maryland 180	Percent of Total 9%	Percent of Total 5%	Percent of Total 6%
New Jersey 341	Southwest		
New York 474		U.S Territories 15	U.S. Total 4,072
Ohio 226	Arizona 16		Percent of Total 93%
Pennsylvania 1,398	New Mexico 11	US Citizens Abroad 68	
West Virginia 42	Oklahoma 5		Foreign Countries 316
TOTAL 2,695	Texas 68	Unknown 0	Percent of Total 7%
Percent of Total 61%	TOTAL 100		TOTAL 4,388
	Percent of Total 2%		

CARNEGIE MELLON UNIVERSITY

Headcount Enrollment By Continent and Country of Citizenship. Fall Semester 1993

Continent	Country	Undergraduate	Graduate	Special	Total
Africa	Algeria	0	1	0	1
	Botswana	0	2	0	2
	Cameroon	0	1	0	1
	Egypt	1	1	0	2
	Guinea	0	5	0	5
	Kenya	0	1	0	1
	Mali	0	1	0	1
	Niger	0	1	0	1
	Nigeria	0	1	0	1
	South Africa	1	0	0	1
	Swaziland	0	1	0	1
	Upper Volta / Burkina Faso	1	0	0	1
TOTAL		3	15	0	18
Asia	Armenia	0	1	0	1
	Bangladesh	1	1	0	2
	Burma	1	0	0	1
	China (Peoples Republic)	3	95	0	98
	China (Taiwan)	22	75	0	97
	Cyprus	0	2	0	2
	Hong Kong	27	8	0	35
	India	35	153	0	188
	Indonesia	17	18	0	35
	Iran	0	1	0	1
	Israel	0	10	0	10
	Japan	29	71	0	100
	Kuwait	0	1	0	1
	Malaysia	30	10	0	40
	Maldives	1	0	0	1
	Korea, North	1	0	0	1
	Korea, Republic	26	42	0	68
	Oman	0	5	0	5
	Pakistan	7	3	0	10
	Philippines	3	3	0	6
	Russia	0	5	0	5
	Ukraine	0	2	0	2
	Saudi Arabia	0	3	0	3
	Singapore	34	7	0	41
	Sri Lanka	1	6	0	7
	Thailand	23	14	0	37
TOTAL		261	536	0	797
Australia	Australia	0	5	0	5
	New Zealand	0	1	0	1
	TOTAL	0	6	0	6
Europe	Austria	0	2	0	2
	Belgium	0	5	0	5
	Bulgaria	0	1	0	1
	Czech Republic	0	2	0	2
	Denmark	0	2	0	2
	Estonia	0	2	0	2
	Finland	0	1	0	1
	France	2	11	0	13

CARNEGIE MELLON UNIVERSITY

Headcount Enrollment By Continent and Country of Citizenship. Fall Semester 1993

Continent	Country	Undergraduate	Graduate	Special	Total
Europe (cont.)	Germany	1	16	0	17
	Greece	0	12	0	12
	Hungary	1	1	0	2
	Iceland	0	1	0	1
	Ireland	0	5	0	5
	Italy	0	7	0	7
	Lithuania	0	1	0	1
	Luxembourg	0	1	0	1
	Netherlands	1	0	0	1
	Norway	0	3	0	3
	Poland	1	2	0	3
	Portugal	0	7	0	7
	Romania	0	6	0	6
	Serbia	0	3	0	3
	Slovenia	0	1	0	1
	Spain	5	16	0	21
	Sweden	0	3	0	3
	Switzerland	1	8	0	9
	Turkey	9	27	0	36
	United Kingdom	8	11	0	19
	TOTAL	29	157	0	186
Central/South America	Argentina	2	2	0	4
	Barbados	0	0	0	0
	Bolivia	2	0	0	2
	Brazil	3	17	0	20
	Chile	0	5	0	5
	Columbia	0	2	0	2
	Costa Rica	0	0	0	0
	Dominican Republic	0	0	0	0
	El Salvador	0	0	0	0
	Ecuador	0	1	0	1
	Guatemala	1	0	0	1
	Jamaica	0	2	0	2
	Mexico	1	14	0	15
	Nicaragua	0	0	0	0
	Panama	0	1	0	1
	Peru	1	3	0	4
	Uruguay	0	0	0	0
Venezuela	7	11	0	18	
	TOTAL	17	58	0	75
North America	Canada	3	40	0	43
Other	TOTAL	3	13	168	184
	Total Non-US Citizens	316	825	0	1,141
	Total US Citizens	4,072	1,878	168	6,118
	TOTAL	4,388	2,703	168	7,259

CARNEGIE MELLON UNIVERSITY

Headcount Enrollment By Department, Level and Status. Fall Semester 1993

College	Department	Undergraduate			Graduate			Total Students		
		Full	Part	Total	Full	Part	Total	Full	Part	Total
CFA	Architecture	268	4	272	46	0	46	314	4	318
	Art	165	8	173	17	0	17	182	8	190
	Design	154	11	165	0	0	0	154	11	165
	Drama	172	13	185	23	21	44	195	34	229
	Music	101	7	108	6	51	57	107	58	165
	No Major Dept.	4	2	6	0	0	0	4	2	6
	TOTAL CFA	864	45	909	92	72	164	956	117	1,073
CIT	Biomedical E.	0	0	0	8	1	9	8	1	9
	Chemical E.	179	1	180	63	20	83	242	21	263
	Civil E.	111	3	114	48	18	66	159	21	180
	E & C E.	393	11	404	205	26	231	598	37	635
	EPP	0	0	0	28	3	31	28	3	31
	Mfg. E.	0	0	0	1	0	1	1	0	1
	Mechanical E.	237	6	243	82	22	104	319	28	347
	MSE	44	0	44	61	6	67	105	6	111
	No Major Dept.	359	0	359	0	0	0	359	0	359
	Univ. Choice	7	0	7	0	0	0	7	0	7
TOTAL CIT	1,330	21	1,351	496	96	592	1,826	117	1,943	
GSIA		0	0	0	455	174	629	455	174	629
H&SS	Economics	49	0	49	0	0	0	49	0	49
	English	101	8	109	58	34	92	159	42	201
	History	48	3	51	12	29	41	60	32	92
	IM - H&SS	53	4	57	0	0	0	53	4	57
	Modern Lang.	9	1	10	0	0	0	9	1	10
	Philosophy	12	3	15	40	11	51	52	14	66
	Psychology	83	4	87	21	9	30	104	13	117
	S & D S.	106	1	107	12	6	18	118	7	125
	Statistics	3	0	3	22	10	32	25	10	35
	Student Def'd.	3	1	4	0	0	0	3	1	4
	No Major Dept.	428	9	437	0	0	0	428	9	437
	Univ. Choice	3	0	3	0	0	0	3	0	3
TOTAL H&SS	898	34	932	165	99	264	1,063	133	1,196	
IM	IM	288	7	295	0	0	0	288	7	295
	Univ. Choice	1	0	1	0	0	0	1	0	1
	TOTAL IM	289	7	296	0	0	0	289	7	296
INI		0	0	0	36	0	36	36	0	36
MCS	Biology	127	5	132	52	2	54	179	7	186
	Chemistry	67	1	68	54	4	58	121	5	126
	Math	59	4	63	39	3	42	98	7	105
	Physics	75	2	77	59	3	62	134	5	139
	No Major Dept.	281	0	281	0	0	0	281	0	281
	Univ. Choice	17	0	17	0	0	0	17	0	17
TOTAL MCS	626	12	638	204	12	216	830	24	854	
SCS	Comp. Sci.	246	16	262	182	21	203	428	37	465
	Robotics	0	0	0	58	1	59	58	1	59
	TOTAL SCS	246	16	262	240	22	262	486	38	524
HNZ		0	0	0	242	298	540	242	298	540
	NON-DEGREE	0	0	0	0	0	0	12	156	168
TOTAL		4,253	135	4,388	1,930	773	2,703	6,195	1,064	7,259

CARNEGIE MELLON UNIVERSITY

Headcount Enrollment By Department, Level and Sex. Fall Semester 1993

College	Department	Undergraduate			Graduate			Total Students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
CFA	Architecture	179	93	272	34	12	46	213	105	318
	Art	68	105	173	12	5	17	80	110	190
	Design	81	84	165	0	0	0	81	84	165
	Drama	104	81	185	24	20	44	128	101	229
	Music	46	62	108	22	35	57	68	97	165
	No Major Dept.	2	4	6	0	0	0	2	4	6
	TOTAL CFA	480	429	909	92	72	164	572	501	1,073
CIT	Biomedical E.	0	0	0	6	3	9	6	3	9
	Chemical E.	121	59	180	66	17	83	187	76	263
	Civil E.	100	14	114	51	15	66	151	29	180
	E & C E.	374	30	404	204	27	231	578	57	635
	EPP	0	0	0	20	11	31	20	11	31
	Mfg. E.	0	0	0	1	0	1	1	0	1
	Mechanical E.	207	36	243	95	9	104	302	45	347
	MSE	37	7	44	55	12	67	92	19	111
	No Major Dept.	300	59	359	0	0	0	300	59	359
	Univ. Choice	6	1	7	0	0	0	6	1	7
TOTAL CIT	1,145	206	1,351	498	94	592	1,643	300	1,943	
GSIA		0	0	0	508	121	629	508	121	629
H&SS	Economics	34	15	49	0	0	0	34	15	49
	English	34	75	109	33	59	92	67	134	201
	History	33	18	51	26	15	41	59	33	92
	IM - H&SS	39	18	57	0	0	0	39	18	57
	Modern Lang.	6	4	10	0	0	0	6	4	10
	Philosophy	9	6	15	39	12	51	48	18	66
	Psychology	46	41	87	18	12	30	64	53	117
	S & D S.	70	37	107	10	8	18	80	45	125
	Statistics	2	1	3	22	10	32	24	11	35
	Student Def'd.	1	3	4	0	0	0	1	3	4
	No Major Dept.	260	177	437	0	0	0	260	177	437
	Univ. Choice	3	0	3	0	0	0	3	0	3
	TOTAL H&SS	537	395	932	148	116	264	685	511	1,196
IM	IM	197	98	295	0	0	0	197	98	295
	Univ. Choice	1	0	1	0	0	0	1	0	1
	TOTAL IM	198	98	296	0	0	0	198	98	296
INI		0	0	0	27	9	36	27	9	36
MCS	Biology	70	62	132	28	26	54	98	88	186
	Chemistry	33	35	68	40	18	58	73	53	126
	Math	41	22	63	37	5	42	78	27	105
	Physics	66	11	77	56	6	62	122	17	139
	No Major Dept.	219	62	281	0	0	0	219	62	281
	Univ. Choice	12	5	17	0	0	0	12	5	17
TOTAL MCS	441	197	638	161	55	216	602	252	854	
SCS	Comp. Sci.	246	16	262	173	30	203	419	46	465
	Robotics	0	0	0	54	5	59	54	5	59
	TOTAL SCS	246	16	262	227	35	262	473	51	524
HNZ		0	0	0	227	313	540	227	313	540
	NON-DEGREE	0	0	0	0	0	0	96	72	168
TOTAL		3,047	1,341	4,388	1,888	815	2,703	5,031	2,228	7,259

CARNEGIE MELLON UNIVERSITY

Headcount Enrollment By Department and Class. Fall Semester 1993

College	Department	Undergraduate					Graduate	Headcount
		Fresh.	Soph.	Junr.	Senr.	Total	Total	Total
CFA	Architecture	87	54	49	82	272	46	318
	Art	52	44	39	38	173	17	190
	Design	40	46	43	36	165	0	165
	Drama	59	58	36	32	185	44	229
	Music	39	25	25	19	108	57	165
	No Major Dept.	0	2	1	3	6	0	6
	TOTAL CFA	277	229	193	210	909	164	1,073
CIT	Biomedical E.	0	0	0	0	0	9	9
	Chemical E.	0	69	55	56	180	83	263
	Civil E.	1	44	34	35	114	66	180
	E & C E.	0	140	131	133	404	231	635
	EPP	0	0	0	0	0	31	31
	Mfg. E.	0	0	0	0	0	1	1
	Mechanical E.	2	82	72	87	243	104	347
	MSE	0	14	20	10	44	67	111
	No Major Dept.	357	2	0	0	359	0	359
	Univ. Choice	7	0	0	0	7	0	7
	TOTAL CIT	367	351	312	321	1,351	592	1,943
GSIA		0	0	0	0	629	629	
H&SS	Economics	1	7	19	22	49	0	49
	English	0	21	32	56	109	92	201
	History	1	5	16	29	51	41	92
	IM-H&SS	25	31	1	0	57	0	57
	Modern Lang.	0	3	1	6	10	0	10
	Philosophy	0	5	4	6	15	51	66
	Psychology	0	25	32	30	87	30	117
	S & D S.	0	18	37	52	107	18	125
	Statistics	1	0	2	0	3	32	35
	Student Def'd.	0	0	2	2	4	0	4
	No Major Dept.	259	144	28	6	437	0	437
	Univ. Choice	3	0	0	0	3	0	3
	TOTAL H&SS	290	259	174	209	932	264	1,196
	IM	26	54	96	119	295	0	295
	Univ. Choice	1	0	0	0	1	0	1
TOTAL IM	27	54	96	119	296	0	296	
INI	0	0	0	0	0	36	36	
MCS	Biology	1	47	47	37	132	54	186
	Chemistry	1	33	16	18	68	58	126
	Math	0	15	26	22	63	42	105
	Physics	0	31	27	19	77	62	139
	No Major Dept.	278	3	0	0	281	0	281
	Univ. Choice	17	0	0	0	17	0	17
	TOTAL MCS	297	129	116	96	638	216	854
SCS	Comp. Sci.	1	89	83	89	262	203	465
	Robotics	0	0	0	0	0	59	59
	TOTAL SCS	1	89	83	89	262	262	524
SUPA	0	0	0	0	0	540	540	
NON-DEGREE	0	0	0	0	0	0	168	
TOTAL	1,259	1,111	974	1,044	4,388	2,703	7,259	

CARNEGIE MELLON UNIVERSITY

Full-Time Equivalent (FTE) Enrollment By Department and Class. Fall Semester 1993

College	Department	Undergraduate				Total	Graduate	FTE	
		Fresh.	Soph.	Junr.	Senr.		Total	Total	
CFA	Architecture	87.0	54.0	48.8	80.8	270.6	46.0	316.6	
	Art	52.0	43.8	38.8	34.9	169.5	17.0	186.5	
	Design	39.5	45.7	42.8	33.2	161.2	0.0	161.2	
	Drama	59.0	57.0	35.2	30.7	181.9	36.7	218.6	
	Music	38.1	25.0	24.8	18.8	106.7	40.3	147.0	
	No Major Dept.		2.0	0.5	2.5	5.0	0.0	5.0	
	TOTAL CFA		275.6	227.5	190.9	200.9	894.9	140.0	1,034.9
CIT	Biomedical E.	0.0	0.0	0.0	0.0	0.0	8.6	8.6	
	Chemical E.	0.0	68.9	55.0	56.0	179.9	68.9	248.8	
	Civil E.	1.0	44.0	33.0	34.9	112.9	54.6	167.5	
	E & C E.	0.0	139.9	129.9	130.7	400.5	211.5	612.0	
	EPP	0.0	0.0	0.0	0.0	0.0	30.3	30.3	
	Mfg. E.	0.0	0.0	0.0	0.0	0.0	1.0	1.0	
	Mechanical E.	2.0	80.7	71.4	86.3	240.4	90.8	331.2	
	MSE	0.0	14.0	20.0	10.0	44.0	61.9	105.9	
	No Major Dept.	357.0	2.0	0.0	0.0	359.0	0.0	359.0	
	Univ. Choice	7.0	0.0	0.0	0.0	7.0	0.0	7.0	
TOTAL CIT		367.0	349.5	309.3	317.9	1,343.7	527.6	1,871.3	
GSIA		0.0	0.0	0.0	0.0	0.0	544.5	544.5	
H&SS	Economics	1.0	7.0	19.0	22.0	49.0	0.0	49.0	
	English	0.0	21.0	31.9	53.7	106.6	65.7	172.3	
	History	1.0	5.0	16.0	27.7	49.7	16.2	65.9	
	IM - H&SS	25.0	30.8	0.5	0.0	56.3	0.0	56.3	
	Modern Lang.	0.0	3.0	0.7	6.0	9.7	0.0	9.7	
	Philosophy	0.0	5.0	3.8	5.0	13.8	44.4	58.2	
	Psychology	0.0	25.0	31.7	29.1	85.8	22.3	108.1	
	S & D S.	0.0	18.0	37.0	51.8	106.8	13.6	120.4	
	Statistics	1.0	0.0	2.0	0.0	3.0	23.8	26.8	
	Student Def'd.	0.0	0.0	2.0	2.0	4.0	0.0	4.0	
	No Major Dept.	258.0	143.0	27.3	6.0	434.3	0.0	434.3	
	Univ. Choice	3.0	0.0	0.0	0.0	3.0	0.0	3.0	
	TOTAL H&SS		289.0	257.8	171.9	203.3	922.0	186.0	1,108.0
	IM		26.0	53.9	96.0	116.4	292.3	0.0	292.3
Univ. Choice	1.0	0.0	0.0	0.0	1.0	0.0	1.0		
Total IM		27.0	53.9	96.0	116.4	293.3	0.0	293.3	
INI		0.0	0.0	0.0	0.0	0.0	36.0	36.0	
MCS	Biology	1.0	46.8	46.1	35.9	129.8	53.5	183.3	
	Chemistry	1.0	33.0	16.0	17.5	67.5	54.8	122.3	
	Math	0.0	15.0	26.0	19.8	60.8	40.5	101.3	
	Physics	0.0	30.8	26.8	19.0	76.6	59.6	136.2	
	No Major Dept.	278.0	3.0	0.0	0.0	281.0	0.0	281.0	
	Univ. Choice	17.0	0.0	0.0	0.0	17.0	0.0	17.0	
TOTAL MCS		297.0	128.6	114.9	92.2	632.7	208.4	841.1	
SCS	Comp. Sci.	1.0	89.0	82.0	83.8	255.8	190.0	445.8	
	Robotics	0.0	0.0	0.0	0.0	0.0	58.9	58.9	
	TOTAL SCS		1.0	89.0	82.0	83.8	255.8	248.9	504.7
HNZ		0.0	0.0	0.0	0.0	0.0	339.4	339.4	
NON-DEGREE		0.0	0.0	0.0	0.0	0.0	0.0	68.5	
TOTAL		1,255.6	1,106.3	965.0	1,014.5	4,342.4	2,230.8	6,641.7	

CARNEGIE MELLON UNIVERSITY

Headcount and FTE Enrollment By College, Level and Status. Fall Semesters 1988 to 1993

College	Status	1988			1989			1990		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	888	90	978	933	84	1,017	958	70	1,028
	Part	45	64	109	37	81	118	28	87	115
	Total	933	154	1,087	970	165	1,135	986	157	1,143
FTE	916.0	121.0	1,037.0	953.4	127.2	1,080.6	969.1	117.2	1,086.3	
CIT	Headcount									
	Full	1,189	473	1,662	1,201	446	1,647	1,231	494	1,725
	Part	33	125	158	40	108	148	29	111	140
	Total	1,222	598	1,820	1,241	554	1,795	1,260	605	1,865
FTE	1,200.3	510.3	1,710.6	1,215.4	482.5	1,697.9	1,238.7	526.0	1,764.7	
GSIA	Headcount									
	Full	0	492	492	0	457	457	2	451	453
	Part	0	177	177	0	209	209	0	180	180
	Total	0	669	669	0	666	666	2	631	633
FTE	0.0	579.1	579.1	0.0	568.5	568.5	2.0	561.5	563.5	
H&SS	Headcount									
	Full	1,027	127	1,154	1,031	122	1,153	968	151	1,119
	Part	40	95	135	46	109	155	36	106	142
	Total	1,067	222	1,289	1,077	231	1,308	1,004	257	1,261
FTE	1,049.2	145.8	1,195.0	1,057.6	142.4	1,200.0	979.1	171.6	1,150.7	
IM	Headcount									
	Full	221	0	221	239	0	239	258	0	258
	Part	4	0	4	6	0	6	4	0	4
	Total	225	0	225	245	0	245	262	0	262
FTE	223.3	0.0	223.3	242.8	0.0	242.8	259.5	0.0	259.5	
INI	Headcount									
	Full	0	0	0	0	24	24	0	38	38
	Part	0	0	0	0	0	0	0	24	24
	Total	0	0	0	0	24	24	0	62	62
FTE			0.0		24.0	24.0	0.0	38.0	38.0	
MCS	Headcount									
	Full	764	184	948	732	204	936	698	202	900
	Part	29	32	61	31	34	65	32	22	54
	Total	793	216	1,009	763	238	1,001	730	224	954
FTE	779.3	193.8	973.1	743.0	210.4	953.4	710.8	208.9	919.7	
SCS	Headcount									
	Full	0	155	155	0	180	180	80	217	297
	Part	0	10	10	0	13	13	3	20	23
	Total	0	165	165	0	193	193	83	237	320
FTE	0.0	157.1	157.1	0.0	185.4	185.4	80.0	227.2	307.2	
HNZ	Headcount									
	Full	19	170	189	0	226	226	0	226	226
	Part	0	326	326	0	291	291	0	309	309
	Total	19	496	515	0	517	517	0	535	535
FTE	19.0	269.1	288.1	0.0	312.7	312.7	0.0	322.4	322.4	
TOTAL*	Headcount									
	Full	4,108	1,691	5,806	4,136	1,743	5,887	4,195	1,849	6,047
	Part	151	829	1,187	160	845	1,203	132	859	1,169
	Total	4,259	2,520	6,993	4,296	2,588	7,090	4,327	2,708	7,216
FTE	4,187.1	1,976.2	6,239.3	4,212.2	2,053.1	6,345.1	4,239.2	2,172.9	6,471.7	

*Total includes Non-Degree Headcount and FTE Enrollment

CARNEGIE MELLON UNIVERSITY

Headcount and FTE Enrollment By College, Level and Status. Fall Semesters 1988 to 1993

College	Status	1991			1992			1993		
		Underg.	Grad.	Total	Underg.	Grad.	Total	Underg.	Grad.	Total
CFA	Headcount									
	Full	925	63	988	864	56	920	864	92	956
	Part	17	70	87	46	83	129	45	72	117
	Total	942	133	1,075	910	139	1,049	909	164	1,073
FTE	936.0	104.1	1,040.1	892.1	104.8	996.9	894.9	140.0	1,034.9	
CIT	Headcount									
	Full	1,265	499	1,764	1,330	441	1,771	1,330	496	1,826
	Part	15	89	104	21	120	141	21	96	117
	Total	1,280	588	1,868	1,351	561	1,912	1,351	592	1,943
FTE	1,274.2	528.4	1,802.5	1,343.9	485.9	1,829.7	1,343.7	527.6	1,871.3	
GSIA	Headcount									
	Full	0	476	476	0	455	455	0	455	455
	Part	0	174	174	0	206	206	0	174	174
	Total	0	650	650	0	661	661	0	629	629
FTE	0.0	588.4	588.4	0.0	568.5	568.5	0.0	544.5	544.5	
H&SS	Headcount									
	Full	860	158	1,018	852	165	1,017	898	165	1,063
	Part	31	102	133	47	101	148	34	99	133
	Total	891	260	1,151	899	266	1,165	932	264	1,196
FTE	877.9	180.0	1,058.0	880.5	188.6	1,069.1	922.0	186.0	1,108.0	
IM	Headcount									
	Full	289	0	289	277	0	277	289	0	289
	Part	6	0	6	10	0	10	7	0	7
	Total	295	0	295	287	0	287	296	0	296
FTE	292.3	0.0	292.3	281.3	0.0	281.3	293.3	0.0	293.3	
INI	Headcount									
	Full	0	46	46	0	45	45	0	36	36
	Part	0	0	0	0	0	0	0	0	0
	Total	0	46	46	0	45	45	0	36	36
FTE	0.0	46.0	46.0	0.0	45.0	45.0	0.0	36.0	36.0	
MCS	Headcount									
	Full	616	194	810	558	197	755	626	204	830
	Part	17	16	33	22	19	41	12	12	24
	Total	633	210	843	580	216	796	638	216	854
FTE	624.1	200.6	824.8	569.9	204.9	774.8	632.7	208.4	841.1	
SCS	Headcount									
	Full	236	231	467	265	222	487	246	240	486
	Part	8	25	33	10	26	36	16	22	38
	Total	244	256	500	275	248	523	262	262	524
FTE	241.6	240.6	482.2	270.9	230.1	501.0	255.8	248.9	504.7	
HNZ	Headcount									
	Full	0	231	231	0	215	215	0	242	242
	Part	0	338	338	0	306	306	0	298	298
	Total	0	569	569	0	521	521	0	540	540
FTE	0.0	339.6	339.6	0.0	316.9	316.9	0.0	339.4	339.4	
TOTAL*	Headcount									
	Full	4,191	1,898	6,095	4,146	1,796	5,949	4,253	1,930	6,195
	Part	94	814	1,053	156	861	1,182	135	773	1,064
	Total	4,285	2,712	7,148	4,302	2,657	7,131	4,388	2,703	7,259
FTE	4,246.0	2,227.8	6,526.5	4,238.6	2,144.6	6,444.8	4,342.4	2,230.8	6,641.7	

*Total includes Non-Degree Headcount and FTE Enrollment

CARNEGIE MELLON UNIVERSITY

Undergraduate Headcount Enrollment By Department, Race and Sex. Fall Semester 1993

College Department	NRA		Black		AI/AN		A/PI		Hisp.		White		Unkn.		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CFA															
Architecture	10	3	2	3	0	1	32	22	10	3	90	42	35	19	272
Art	0	1	2	1	0	1	4	7	0	3	43	63	19	29	173
Design	6	3	2	1	0	0	8	11	1	2	51	51	13	16	165
Drama	0	1	4	7	0	0	3	3	4	4	74	49	19	17	185
Music	3	8	3	2	0	0	0	2	1	0	31	42	8	8	108
No Major Dept.	0	0	0	0	0	0	1	1	0	0	0	1	1	2	6
TOTAL CFA	19	16	13	14	0	2	48	46	16	12	289	248	95	91	909
CIT															
Biomedical E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical E.	6	3	3	4	0	0	19	9	2	3	82	34	9	6	180
Civil E.	5	0	5	0	0	0	10	1	2	2	72	9	6	2	114
E & C E.	53	7	14	1	1	0	81	6	7	0	169	14	49	2	404
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.	14	1	8	2	0	0	27	4	8	0	130	26	20	3	243
MSE	2	0	0	1	0	0	2	1	0	0	27	3	6	2	44
No Major Dept.	29	5	9	3	0	0	61	15	13	2	148	28	40	6	359
Univ. Choice	0	0	0	0	0	0	0	1	0	0	4	0	2	0	7
TOTAL CIT	109	16	39	11	1	0	200	37	32	7	632	114	132	21	1,351
GSIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H&SS															
Economics	5	4	2	2	0	0	3	1	1	1	17	6	6	1	49
English	0	0	2	2	0	1	5	4	0	1	15	53	12	14	109
History	1	0	1	1	0	0	2	1	0	0	22	12	7	4	51
IM - H&SS	11	2	0	2	0	0	8	5	3	1	11	7	6	1	57
Modern Lang.	0	0	1	0	0	0	0	0	0	1	3	1	2	2	10
Philosophy	0	0	0	0	0	0	0	1	0	0	6	2	3	3	15
Psychology	1	0	0	1	0	0	2	2	2	1	32	29	9	8	87
S & D S.	4	5	1	4	0	2	12	0	2	0	41	23	10	3	107
Statistics	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3
Student Defd.	0	0	0	0	0	0	0	0	0	0	1	2	0	1	4
No Major Dept.	23	6	7	10	0	1	43	30	8	4	135	96	44	30	437
Univ. Choice	0	0	0	0	0	0	1	0	0	0	2	0	0	0	3
TOTAL H&SS	45	17	14	22	0	4	77	44	16	9	286	232	99	67	932
IM															
IM	19	9	7	7	0	0	34	24	0	6	119	47	18	5	295
Univ. Choice	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL IM	19	9	7	7	0	0	34	24	0	6	120	47	18	5	296
INI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCS															
Biology	1	2	0	2	0	0	13	12	2	2	45	36	9	8	132
Chemistry	3	1	0	1	0	0	5	11	0	1	21	17	4	4	68
Math	2	5	0	0	0	0	4	2	0	0	27	15	8	0	63
Physics	3	0	1	0	1	0	6	0	0	0	43	9	12	2	77
No Major Dept.	15	11	5	6	1	0	32	13	7	3	115	26	44	3	281
Univ. Choice	0	0	1	0	0	0	3	1	0	0	7	3	1	1	17
TOTAL MCS	24	19	7	9	2	0	63	39	9	6	258	106	78	18	638
SCS															
Comp. Sci.	18	4	1	2	0	0	49	5	1	0	136	4	41	1	262
Robotics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SCS	18	4	1	2	0	0	49	5	1	0	136	4	41	1	262
HNZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	234	81	81	65	3	6	471	195	74	40	1,721	751	463	203	4,388

CARNEGIE MELLON UNIVERSITY

Graduate Headcount Enrollment By Department, Race and Sex. Fall Semester 1993

College Department	NRA		Black		AI/AN		A/PI		Hisp.		White		Unkn.		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CFA															
Architecture	27	12	0	0	0	0	1	0	0	0	3	0	3	0	46
Art	1	0	2	0	0	0	0	0	2	1	5	2	2	2	17
Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drama	2	2	0	0	0	0	0	0	1	0	5	3	16	15	44
Music	3	12	1	0	0	0	0	0	0	0	1	6	17	17	57
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CFA	33	26	3	0	0	0	1	0	3	1	14	11	38	34	164
CIT															
Biomedical E.	3	1	0	0	0	0	0	0	0	0	1	1	2	1	9
Chemical E.	23	1	1	0	0	0	1	2	1	1	24	9	16	4	83
Civil E.	28	6	0	1	0	0	2	0	0	0	11	3	10	5	66
E & C E.	83	10	2	1	0	0	4	1	0	0	61	9	54	6	231
EPP	6	2	1	1	0	0	1	0	0	0	8	6	4	2	31
Mfg. E.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mechanical E.	50	1	1	0	1	0	4	0	0	0	18	6	21	2	104
MSE	31	5	0	0	0	0	2	1	0	0	10	1	12	5	67
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Univ. Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CIT	225	26	5	3	1	0	14	4	1	1	133	35	119	25	582
GSIA	163	33	6	6	0	0	31	11	5	0	169	42	134	29	629
H&SS															
Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
English	2	4	0	0	0	0	0	1	1	0	12	21	18	33	92
History	3	1	1	1	0	0	0	0	0	0	9	6	13	7	41
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	18	4	0	0	0	0	0	1	0	0	13	4	8	3	51
Psychology	8	0	0	0	0	0	0	1	0	0	3	7	7	4	30
S & D.S.	3	1	0	0	0	0	0	0	0	0	5	5	2	2	18
Statistics	11	3	0	0	0	0	0	0	0	0	7	4	4	3	32
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
Univ. Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL H&SS	45	13	1	1	0	0	0	3	1	0	49	47	52	52	264
IM															
IM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Univ. Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL IM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INI	6	0	0	0	0	0	8	5	2	1	7	3	4	0	36
MCS															
Biology	7	5	2	2	0	0	1	1	0	0	6	6	12	12	54
Chemistry	7	8	1	0	0	0	1	0	0	0	17	5	14	5	58
Math	24	4	0	0	0	0	0	0	0	0	4	1	9	0	42
Physics	27	1	1	0	0	0	3	2	0	0	15	0	12	1	62
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Univ. Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MCS	65	18	4	2	0	0	5	3	0	0	42	12	47	18	216
SCS															
Comp. Sci.	50	10	2	0	0	0	4	0	1	0	35	8	81	12	203
Robotics	21	2	0	0	0	0	2	0	1	0	11	0	19	3	59
TOTAL SCS	71	12	2	0	0	0	6	0	2	0	46	8	100	15	262
HNZ	59	30	13	20	0	2	2	5	3	6	69	118	81	132	540
TOTAL	667	158	34	32	1	2	67	31	17	9	529	276	575	305	2,703

CARNEGIE MELLON UNIVERSITY

Distribution of Students By Housing Type, Level and Sex. Fall Semester 1993

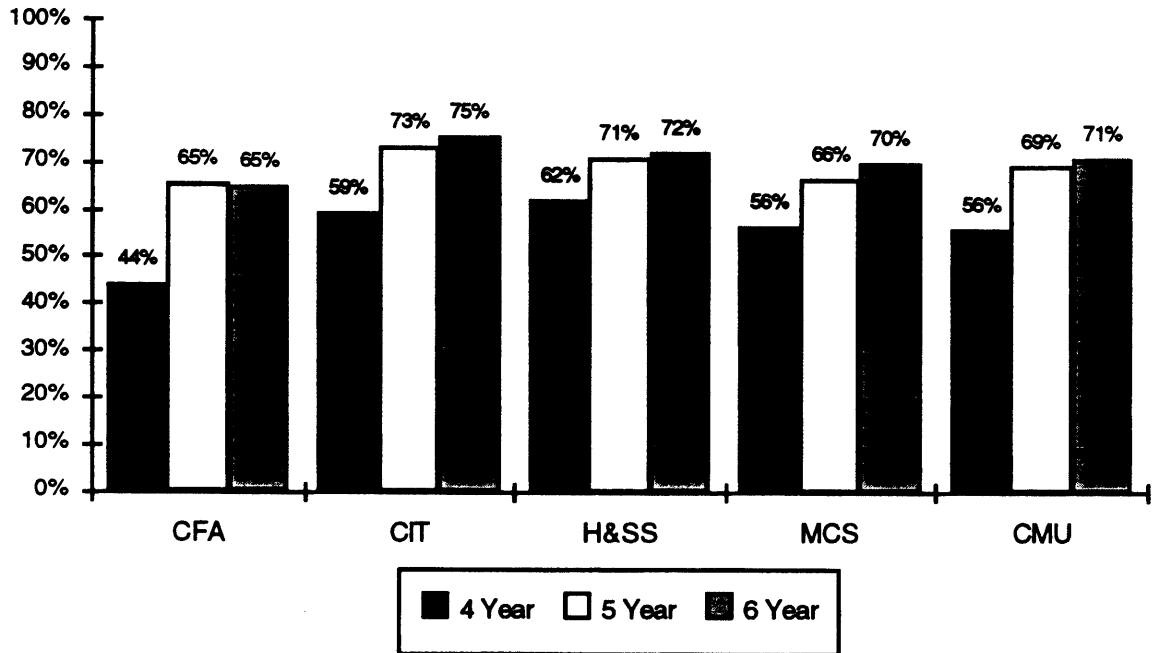
	<u>Carnegie Mellon Housing</u>			<u>Fraternity & Sorority</u>	<u>Non-CMU Housing</u>	<u>TOTAL</u>
	<u>On-Campus</u>	<u>Off-Campus</u>	<u>Total</u>			
Undergraduate						
Freshman						
Male	767	56	823	0	46	869
Female	340	29	369	0	21	390
TOTAL	1,107	85	1,192	0	67	*1,259
Sophomore						
Male	458	28	486	79	190	755
Female	258	15	273	18	65	356
TOTAL	716	43	759	97	255	1,111
Junior						
Male	273	37	310	125	252	687
Female	122	10	132	52	103	287
TOTAL	395	47	442	177	355	974
Senior						
Male	178	32	210	198	328	736
Female	83	7	90	68	150	308
TOTAL	261	39	300	266	478	1,044
Undergraduate						
Male	1,676	153	1,829	402	816	3,047
Female	803	61	864	138	339	1,341
TOTAL	2,479	214	2,693	540	1,155	4,388
Graduate						
Male	0	0	0	0	1,888	1,888
Female	0	0	0	0	815	815
TOTAL	0	0	0	0	2,703	2,703
Non-Degree						
Male	0	0	0	0	96	96
Female	0	0	0	0	72	72
TOTAL	0	0	0	0	168	168
TOTAL						
Male	1,676	153	1,829	402	2,800	5,031
Female	803	61	864	138	1,226	2,228
TOTAL	2,479	214	2,693	540	4,026	7,259

* Total 1,259 includes first-time freshmen (1,191) and non-first-time freshmen (68).

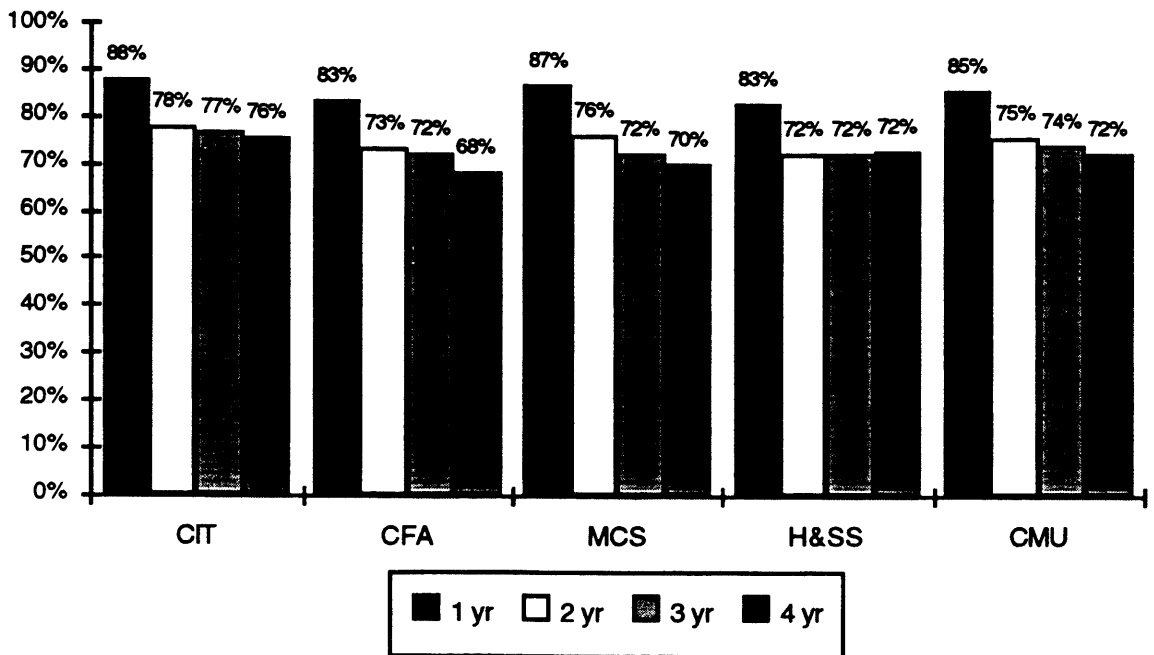
CARNEGIE MELLON UNIVERSITY

**Graduation and Persistence Rates by College and for CMU
As of Fall 1993**

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 show the college in which the student originally enrolled, although the student may have since transferred internally to another college. Bars for persistence rates represent an average of the three most recent rates available: entering classes of 1990-92, 1989-91, 1988-90, 1987-89.

CARNEGIE MELLON UNIVERSITY

Total Degrees Granted By Department and Level. Academic Year 1992-93

College	Department	Bachelors	Masters	Doctorates	TOTAL
CFA					
	Architecture	51	8	1	60
	Art	57	24	0	81
	Design	42	0	0	42
	Drama	22	11	0	33
	Music	30	13	0	43
	TOTAL CFA	202	56	1	259
CIT					
	Biomed. E.	0	0	0	0
	Chemical E.	42	6	15	63
	Civil E.	38	22	6	66
	E & C E.	97	48	23	168
	E. & P P	0	2	6	8
	Mfg. E.	0	7	0	7
	Mechanical E.	62	21	8	91
	MSE	22	19	10	51
	Eng. Other	0	19	0	19
	TOTAL CIT	261	144	68	473
GSIA		0	281	12	293
H&SS					
	Economics	16	0	1	17
	English	72	30	4	106
	History	27	1	4	32
	Modern Lang.	1	0	0	1
	Philosophy	5	13	1	19
	Psychology	23	6	8	37
	S & D S.	19	3	1	23
	Statistics	0	8	0	8
	Student Defined	3	0	0	3
	TOTAL H&SS	166	61	19	246
IM		136	0	0	136
MCS					
	Biology	39	0	9	48
	Chemistry	17	5	6	28
	Math	101	6	4	111
	Physics	20	8	9	37
	TOTAL MCS	177	19	28	224
SCS					
	Comp. Sci.	25	74	20	119
	Robotics	0	11	4	15
	TOTAL SCS	25	85	24	134
HNZ		0	196	3	199
	TOTAL	967	842	155	1,964

CARNEGIE MELLON UNIVERSITY

Total Degrees Granted By College and Level Academic Years 1988-89 to 1992-93

College	Degrees	1988-89	1989-90	1990-91	1991-92	1992-93
CFA	Bachelors	147	173	178	202	202
	Masters	53	62	51	59	56
	Doctorates	0	1	5	4	1
	TOTAL CFA	200	236	234	265	259
CIT	Bachelors	277	236	233	230	261
	Masters	137	96	114	127	144
	Doctorates	75	77	70	71	68
	TOTAL CIT	489	409	417	428	473
GSIA	Masters	261	282	241	251	281
	Doctorates	8	10	15	11	12
	TOTAL GSIA	269	292	256	262	293
H&SS	Bachelors	203	221	204	168	166
	Masters	49	47	47	69	61
	Doctorates	30	15	30	11	19
	TOTAL H&SS	282	283	281	248	246
IM	Bachelors	112	93	91	102	136
	TOTAL IM	112	93	91	102	136
MCS	Bachelors	156	171	130	170	177
	Masters	35	27	29	27	19
	Doctorates	25	30	28	23	28
	TOTAL MCS	216	228	187	220	224
SCS	Bachelors	0	0	39	25	25
	Masters	16	11	43	60	85
	Doctorates	14	20	22	24	24
	TOTAL CS	30	31	104	109	134
HNZ	Masters	186	162	177	150	196
	Doctorates	5	9	5	3	3
	TOTAL HNZ	191	171	182	153	199
CMU	Bachelors	895	894	875	897	967
	Masters	737	687	702	743	842
	Doctorates	157	162	175	147	155
	TOTAL	1,789	1,743	1,752	1,787	1,964

TEACHING AND ACADEMIC SUPPORT

CARNEGIE MELLON UNIVERSITY

Units Taught, By Department, Semester and Level. Academic Year 1992-93

College	Department	Fall Semester				Spring Semester				YEAR TOTAL
		Underg.	Grad.	Other	Total	Underg.	Grad.	Other	Total	
CFA	Architecture	9,390	656	27	10,073	8,886	445	72	9,403	19,476
	Art	7,624	432	81	8,137	7,524	615	36	8,175	16,312
	Design	7,416	24	48	7,488	6,611	156	48	6,815	14,303
	Drama	8,154	1,469	12	9,635	7,494	1,322	9	8,825	18,460
	Music	6,681	1,266	24	7,971	6,369	1,248	9	7,626	15,597
	Interdiscp.	1,413	87	21	1,521	1,575	36	21	1,632	3,153
	TOTAL CFA	40,678	3,934	213	44,825	38,459	3,822	195	42,476	87,301
CIT	Biomedical E.	768	135	18	921	846	225	9	1,080	2,001
	Chemical E.	4,382	2,602	27	7,011	3,514	2,558	9	6,081	13,092
	Civil E.	3,576	2,451	27	6,054	3,762	2,017	27	5,806	11,860
	E & C E.	10,332	10,443	129	20,904	10,065	10,119	99	20,283	41,187
	EPP	1,491	1,077	0	2,568	2,005	821	0	2,826	5,394
	Mechanical E.	8,283	3,246	0	11,529	7,197	3,456	0	10,653	22,182
	MSE	1,977	2,340	12	4,329	2,273	2,451	18	4,742	9,071
	Interdiscp.	372	183	0	555	363	189	0	552	1,107
	TOTAL CIT	31,181	22,477	213	53,871	30,025	21,836	162	52,023	105,894
GSIA	Economics	7,407	9	54	7,470	8,838	0	27	8,865	16,335
	IM	9,903	36	72	10,011	12,151	27	54	12,232	22,243
	GSIA	180	31,180	216	31,576	174	26,282	180	26,636	58,212
	TOTAL GSIA	17,490	31,225	342	49,057	21,163	26,309	261	47,733	96,790
H&SS	English	10,551	2,466	231	13,248	10,707	1,538	249	12,494	25,742
	History	12,438	801	114	13,353	11,797	797	81	12,675	26,028
	Mod. Lang.	5,202	243	213	5,658	4,980	333	153	5,466	11,124
	Philosophy	4,338	1,221	117	5,676	3,801	1,246	54	5,101	10,777
	Psychology	6,879	1,484	117	8,480	6,308	1,239	117	7,664	16,144
	S & D S.	6,627	468	45	7,140	3,990	449	39	4,478	11,618
	Statistics	4,933	1,644	9	6,586	3,309	1,593	51	4,953	11,539
	Interdiscp.	72	0	0	72	333	0	18	351	423
	TOTAL H&SS	51,040	8,327	846	60,213	45,225	7,195	762	53,182	113,395
MCS	Biology	4,605	2,158	9	6,772	3,721	2,087	57	5,865	12,637
	Chemistry	8,690	2,054	57	10,801	6,787	1,838	72	8,697	19,498
	Math	20,581	2,073	121	22,775	17,353	1,801	91	19,245	42,020
	Physics	10,503	2,327	42	12,872	10,709	2,119	12	12,840	25,712
	Interdiscp.	36	0	0	36	9	9	0	18	54
	TOTAL MCS	44,415	8,612	229	53,256	38,579	7,854	232	46,665	99,921
SCS	Comput. Sci.	10,859	7,995	324	19,178	12,555	8,266	454	21,275	40,453
	Robotics	9	1,729	0	1,738	21	2,017	21	2,059	3,797
	TOTAL SCS	10,868	9,724	324	20,916	12,576	10,283	475	23,334	44,250
HNZ	468	15,800	123	16,391	474	15,647	210	16,331	32,722	
OTHER	6,678	312	246	7,236	4,078	210	228	4,516	11,752	
TOTAL	202,818	100,411	2,536	305,765	190,579	93,156	2,525	286,260	592,025	

CARNEGIE MELLON UNIVERSITY

Units Taught By College and Level. Academic Years 1988-89 to 1992-93

College	Level	1988-89	1989-90	1990-91	1991-92	1992-93
CFA	Undergraduate	81,518	82,003	81,945	83,344	79,137
	Graduate	9,896	9,858	8,411	7,319	7,756
	Other	649	413	500	432	408
	TOTAL CFA	92,063	92,274	90,856	91,095	87,301
CIT	Undergraduate	53,162	50,463	52,499	58,099	61,206
	Graduate	42,480	41,944	46,070	46,698	44,313
	Other	757	748	511	771	375
	TOTAL CIT	96,399	93,155	99,080	105,568	105,894
GSIA	Undergraduate	36,900	37,321	37,539	39,727	38,653
	Graduate	61,020	55,289	52,650	57,581	57,534
	Other	597	543	507	582	603
	TOTAL GSIA	98,517	93,153	90,696	97,890	96,790
H&SS	Undergraduate	104,892	103,349	100,712	96,234	96,265
	Graduate	13,171	13,184	14,039	14,610	15,522
	Other	2,259	2,049	1,695	1,752	1,608
	TOTAL H&SS	120,322	118,582	116,446	112,596	113,395
MCS	Undergraduate	78,830	84,764	87,443	82,985	82,994
	Graduate	14,942	17,487	16,642	15,487	16,466
	Other	525	802	651	559	461
	TOTAL MCS	94,297	103,053	104,736	99,031	99,921
SCS	Undergraduate	16,838	18,070	21,325	21,825	23,444
	Graduate	12,581	15,319	19,228	20,009	20,007
	Other	496	423	677	788	799
	TOTAL SCS	29,915	33,812	41,230	42,622	44,250
SUPA	Undergraduate	2,037	1,638	540	480	942
	Graduate	28,147	30,909	31,363	34,646	31,447
	Other	144	48	126	186	333
	TOTAL SUPA	30,328	32,595	32,029	35,312	32,722
OTHER	Undergraduate	9,388	9,735	10,822	10,211	10,756
	Graduate	476	420	633	630	522
	Other	436	454	584	661	474
	TOTAL OTHER	10,300	10,609	12,039	11,502	11,752
CMU	Undergraduate	383,565	387,343	392,825	392,905	393,397
	Graduate	182,713	184,410	189,036	196,980	193,567
	Other	5,863	5,480	5,251	5,731	5,061
TOTAL	572,141	577,233	587,112	595,616	592,025	

Other=ROTC, Phys. Ed. and International Education

CARNEGIE MELLON UNIVERSITY

Computing Services Statistics. Fiscal Years 1990 thru 1993

Change in Network Connections

	<u>Total 1991</u>	<u>Total 1992</u>	<u>Total 1993</u>
Token Ring	1,413	1,011	1,012
Apple Talk	1,950	1,799	2,623
Ethernet	1,532	1,127	2,084
 Total Network Connections	 4,895	 3,937	 5,719
Total Asynchronous Connections	3,000	2,000	
TOTAL	7,895	5,937	5,719

Andrew Usage

	<u>1991</u>	<u>1992</u>	<u>1993</u>
Number of Andrew systems IDs	12,029	12,614	10,864
Number of active Andrew user*	7,000	8,720	9,300
Average weekly UNIX server logins*	12,000	16,000	20,000
Average weekly UNIX unique user IDs*	2,000	3,000	2,500
Average number of connected workstations*	900	1,200	1,300
Peak number of connected workstations*	1,500	1,700	1,900
* Denotes estimates for the academic year			
 Weekly unique users of MacMail	 N/A	 3,700	 5,000
Weekly unique users of EzMail	N/A	1,100	1,300
Weekly number unique Macintosh connections	N/A	1,900	2,500
Average total weekly PC-Mac server sessions	N/A	45,000	65,009

Computer Store Purchases (CPUs)

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Students	572	655	543	599
Faculty	64	76	62	83
Staff	122	123	106	153
Departments	575	675	732	818
Others	N/A	N/A	4	N/A
TOTAL	1,333	1,529	1,447	1,653

Computers in Public Clusters

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
IBM RT	76	3	1	0
IBM PC	38	23	3	0
IBM PS/2	13	21	27	23
IBM 6152	21	0	0	0
Mac II	36	45	128	179
Macintosh Plus & SE	110	104	73	8
Sun 3/60	22	22	0	0
DECstation 3100	5	106	104	104
DECstation 5000	0	0	20	20
MicroVAX	4	0	0	0
NeXt	0	13	11	11
TOTAL	325	337	367	345

CARNEGIE MELLON UNIVERSITY

Instructional Technology Statistics. Fiscal Years 1990 thru 1993

Equipment for Delivery

	<u>Total 1990</u>	<u>Total 1991</u>	<u>Total 1992</u>	<u>Total 1993</u>
Video/Data Projectors	6	9	9	9
VCRs	12	12	14	12
Video/Data Monitors	10	10	10	8
Slide Projectors	18	18	18	18
Tape Players	21	21	23	28
Sound Systems	6	7	9	9
Overhead Projectors	14	14	14	17
Videodisc Players	1	3	3	3
Personal Computers	5	6	8	8
TOTAL	93	100	108	112

Classrooms (level of installed equipment)

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Overhead Projector	66	58	54	83
Video Viewing	15	22	28	35
Data Viewing	7	9	9	10
TOTAL	88	89	91	128

Video Viewing Cluster

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
VCR carrels	13	13	13	14
Videodisc/VCR carrels	6	6	8	9
Interactive carrels	2	2	2	2
Videotapes viewed in carrels	15,729	16,001	16,379	17,146
Videotapes previewed by Faculty	448	590	588	730
Videotapes used in class	496	427	567	924
TOTAL	16,673	17,018	17,534	18,800

Student Video Editing Cluster

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
S-VHS stations	2	2	2	2
VHS stations	2	2	2	2
Hi-8 stations	0	0	1	2
Circulating VHS camcorders	13	13	15	16
Circulating Hi-8 camcorders	0	0	5	5

CARNEGIE MELLON UNIVERSITY

**Academic Services Statistics Library Collections and Utilization
Fiscal Years 1991 thru 1993**

	<u>1991</u>	<u>1992</u>	<u>1993</u>
Library Holdings			
Total Print Volumes (Books, Bound Journals, etc.)	782,797	805,689	828,109
Current Subscriptions--Periodicals, Newspapers and Government	4,368	3,736	3,834
Microforms--Books, Serial Titles, Government Documents	638,857	674,826	717,355
Graphic Materials--Art Reproductions (Mounted and Unmounted), Slides*	124,828	182,463	186,156
Audio Materials--Cassettes, Phonograph Records, Compact Discs, Tapes	15,328	17,773	19,897
Video Materials	2,177	2,828	3,272
Machine Readable Materials	420	488	267
Music Scores	29,620	23,569	22,758
*number of volumes/units			
Library Equipment Support			
Photocopies Made in Libraries	2,028,429	2,107,396	2,025,229
Microform Copies Made in Libraries	79,194	66,065	71,623
Number of Visits to the Libraries			
Engineering and Science Library	217,959	230,166	221,666
Hunt Library	972,798	1,061,555	901,274
Mellon Institute Library	N/A	9,206	9,769
Circulation of Holdings			
	137,401	156,947	146,730
Books Used in Libraries			
	109,784	118,291	113,399
Resource Sharing			
Interlibrary Loan			
Items Borrowed	3,512	3,291	4,484
Items Loaned	6,198	6,938	6,239
Oakland Library Consortium			
Items Borrowed	1,521	2,567	2,359
Items Loaned	744	898	677
Current Awareness Service			
Number of Subscriptions	1,514	1,421	1,418
Distinct titles Requested	858	825	831
Individuals Using	103	86	76
Departments Represented	37	33	34
Journal Article Delivery Service (JADS)			
Articles Delivered	1,249	832	638
Electronic Journal Article Delivery Service (E-JADS)			
Articles Delivered (beginning January 1993)			476
Computerized Library Resources			
Searches Performed on LS/2000	570,070	507,763	385,909
Searches Performed on LIS	699,492	619,068	1,161,726

CARNEGIE MELLON UNIVERSITY

**Academic Services Statistics Library Collections and Utilization (continued)
Fiscal Years 1991 and 1993**

Computerized Library Resources Fiscal Year 1993

The University Libraries provide several electronic information services. The Library Information System (LIS), available over the campus network, provides access to 12 databases of information, including the Library Catalog. The Catalog contains records of items owned by the libraries, such as books, journals, technical reports, government documents, musical scores, sound recordings and videotapes. The catalog tells users where these items can be found. Within the libraries, users can search a collection of CD-ROM indexes and other search systems, including LS/2000. LS/2000, like the Library Catalog database in LIS, is an online catalog of items owned by the libraries. It indicates the location of items and whether they are checked out. LS/2000 is due to be replaced by the end of 1995 with a new library management system.

	# Searches Performed FY 91	# Searches Performed FY 92	# Searches Performed FY 93	# of Database Records FY 93
LS/2000	570,070	507,763	385,909	406,555
LIS databases:				
ABI / Inform	N/A	12,610	31,641	402,601
Announcements *	3,565	2,095	*****	*****
ArchPics	2,834	4,834	4,529	4,441
Bibliographies *	4,170	2,948	*****	*****
Business *	N/A	3,982	*****	*****
Business Dateline	N/A	N/A	11,097	151,966
Choice Book Reviews *	N/A	N/A	2,587	*****
Computer Database	16,711	16,298	18,563	347,123
Dictionary	35,673	31,905	52,340	83,700
Encyclopedia	64,151	46,152	48,058	44,704
ICPSR *	722	347	*****	*****
INSPEC	25,654	38,148	67,844	1,760,198
Journal List	49,742	34,882	49,921	8,770
Library Catalog	343,197	313,482	684,661	406,555
Magazine Index *	57,844	18,738	*****	*****
Management Contents *	6,264	2,267	*****	*****
Newspaper Index *	18,162	6,572	*****	*****
Newspaper Abstracts	N/A	10,699	30,238	1,333,846
Periodical Abstracts	N/A	30,874	83,535	1,208,100
Trade & Industry *	10,432	*****	*****	*****
Who's Who at CMU	60,371	47,802	76,712	11,030
TOTAL	699,492	624,635	1,161,726	5,763,034

* this database is no longer on LIS

CARNEGIE MELLON UNIVERSITY

Teaching and Academic Support. Additional Facts and Figures

Pittsburgh Council of Higher Education (PCHE) Units Taken by CMU Students, by Level & College Units Taught by College Academic Year 1992-93

Major/College	Units Taken			Units Taught
	Undergraduate	Graduate	Total	
CFA	305	75	380	150
CIT	1,065	9	1,074	87
GSIA	0	93	93	156
H&SS	1,250	195	1,445	498
IM	186	0	186	54
MCS	404	45	449	117
SCS	57	72	129	36
HNZ	0	230	230	297
OTHER	0	0	0	372
TOTAL	3,267	719	3,986	1,767

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 (UTC)

- Established in January 1982, the University Teaching Center identifies, organizes and conducts programs to improve the quality of instruction at CMU.
- Incoming faculty orientation.
"Surviving, Enjoying and Flourishing at Carnegie Mellon" is a three day 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 Luncheon Seminars to all members of the faculty. These seminars provide a forum for faculty to discuss issues about learning and teaching which transcend disciplinary boundaries.
- Feedback Mechanisms for Faculty: The Consultation Process
For faculty members interested in improving a course, the Teaching Center staff collects data, analyzes, interprets and then translates this into recommendations for specific strategies to modify the course or classroom behavior.
- Consultations about Course Evaluations
The Teaching Center recommends distributing early course evaluations 3-4 weeks into a 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 and College TA Programs
The UTC aids departments and colleges in assessing their needs and creating TA programs to address those needs.
- Graduate Student Seminar Series
The UTC offers modules and special topic sessions on issues surrounding teaching and learning for those TA's currently teaching or planning to teach in the future.
- Response to the Changing Needs of Departments and Colleges
The University Teaching Center offers expertise and resources to departments and colleges to meet their changing needs.

FACULTY AND STAFF

CARNEGIE MELLON UNIVERSITY

Full Time Employees By Division and Job Category Fall 1993

Division	Job Category								TOTAL
	Admin.	Reg. Faculty	Other Instr.	Resrch	Profsnl.	Sec./ Cler.	Tech./ Parap.	Other	
President	3	1.00	0	0	2	4	0	0	10
Provost									
CFA	14	82.50	25	5	1	16	18	0	162
CIT	26	113.25	9	73	4	45	18	6	294
GSIA	32	60.25	18	3	7	34	3	0	157
H&SS	17	110.50	21	30	13	33	14	0	238
MCS	43	98.00	13	113	23	35	23	2	350
SEI	43	0.00	1	157	32	43	3	3	282
SCS	21	43.00	5	230	3	35	15	0	352
HNZ	10	29.00	0	2	2	20	4	0	67
Academic Subtotal	206	536.50	92	613	85	261	98	11	1,902
Other Provost	21	9.50	6	3	7	11	4	1	62
Provost Subtotal	227	546.00	98	616	92	272	102	12	1,964
Vice Provost	9	0.00	1	4	4	3	4	0	25
VP Applied Research	26	0.00	0	47	3	15	14	0	105
VP Computing Services	23	0.00	0	23	38	12	11	0	107
VP Business Affairs & Planning	55	0.00	12	1	62	79	4	66	279
Facilities Management	5	0.00	0	0	11	8	0	76	100
VP Development	31	0.00	0	0	7	14	0	0	52
VP Enrollment	49	0.00	16	0	11	46	1	49	172
Student Affairs	16	0.00	0	0	9	8	0	0	33
University Libraries	7	0.00	24	0	9	30	4	0	74
VP University Relations	11	0.00	1	0	19	21	10	0	62
TOTAL	462	547	152	691	267	512	150	203	2,983

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 Semester 1993

College	Department	Regular Faculty	Research Faculty	Special Faculty*			TOTAL FACULTY
		Full	Full	Full	Part	Total	
CFA	Architecture	18.50	0.00	5.00	21.00	26.00	44.50
	Art	18.00	0.00	5.00	14.00	19.00	37.00
	Design	12.00	0.00	1.00	6.00	7.00	19.00
	Drama	17.00	0.00	13.00	6.00	19.00	36.00
	Music	16.00	0.00	2.00	46.00	48.00	64.00
	Prep Sch Ext	0.00	0.00	1.00	26.00	27.00	27.00
	Dean's Ofc.	1.00	0.00	1.00	0.00	1.00	2.00
	TOTAL CFA	82.50	0.00	28.00	119.00	147.00	229.50
CIT	Biomedical E.	0.00	0.00	1.00	1.00	2.00	2.00
	Chemical E.	16.50	0.00	5.00	0.00	5.00	21.50
	Civil E.	14.00	0.00	2.00	3.00	5.00	19.00
	E & C E.	33.50	1.00	16.00	2.00	18.00	52.50
	EPP	9.65	5.00	5.00	2.00	7.00	21.65
	Mechanical E.	21.60	0.00	5.00	2.00	7.00	28.60
	MEMS	17.50	1.00	6.00	1.00	7.00	25.50
	EDRC	0.00	4.00	0.00	0.00	0.00	4.00
	Dean's Ofc.	0.50					
	TOTAL CIT	113.25	11.00	40.00	11.00	51.00	174.75
GSIA	60.25	0.00	23.00	12.00	35.00	95.25	
H&SS	English	25.50	0.00	2.00	9.00	11.00	36.50
	History	18.00	0.00	0.00	1.00	1.00	19.00
	Mod. Lang.	7.00	0.50	10.00	9.00	19.00	26.50
	Philosophy	12.00	1.00	2.00	2.00	4.00	17.00
	Psychology	21.00	0.00	16.00	3.00	19.00	40.00
	S & D S.	14.00	0.00	0.00	1.00	1.00	15.00
	Statistics	13.00	1.00	4.00	0.00	4.00	18.00
	Acad Adv Ctr	0.00	0.00	0.00	1.00	1.00	1.00
	CAAE	0.00	0.00	0.00	2.00	2.00	2.00
	TOTAL H&SS	110.50	2.50	34.00	28.00	62.00	175.00
MCS	Biology	18.50	1.00	21.00	1.00	22.00	41.50
	Chemistry	22.00	0.00	12.00	1.00	13.00	35.00
	Math	24.50	0.00	15.00	4.00	19.00	43.50
	Physics	33.00	0.00	15.00	2.00	17.00	50.00
	STC	0.00	0.00	6.00	0.00	6.00	6.00
	Dean's Ofc.	0.00	0.00	0.00	1.00	1.00	1.00
	TOTAL MCS	98.00	1.00	69.00	9.00	78.00	177.00
SCS	Comp. Sci.	38.50	22.50	28.00	0.00	28.00	89.00
	Robotics	4.50	19.50	6.00	0.00	6.00	30.00
	CMT	0.00	5.50	1.00	0.00	1.00	6.50
	ITC	0.00	3.00	1.00	0.00	1.00	4.00
	TOTAL SCS	43.00	50.50	36.00	0.00	36.00	129.50
HNZ	29.00	2.00	3.00	14.00	17.00	48.00	
ACADEMIC SUBTOTAL	536.50	67.00	233.00	193.00	426.00	1,029.50	
ADMINISTRATIVE	10.50	1.00	7.00	5.00	12.00	23.50	
TOTAL	547.00	68.00	240.00	198.00	438.00	1,053.00	

*Includes special teaching, special research and visiting faculty.

CARNEGIE MELLON UNIVERSITY

Full Time Regular Faculty By Rank and Department Fall Semester 1993

		Professor					
		University	Full	Associate	Assistant	Instructor	TOTAL
College	Department						
CFA	Architecture	0.00	6.50	8.00	3.00	1.00	18.50
	Art	0.00	7.00	9.00	2.00	0.00	18.00
	Design	0.00	3.00	7.00	2.00	0.00	12.00
	Drama	0.00	6.00	10.00	1.00	0.00	17.00
	Music	1.00	4.00	7.00	4.00	0.00	16.00
	Dean's Ofc.	0.00	0.00	0.00	1.00	0.00	1.00
	TOTAL CFA		1.00	26.50	41.00	13.00	1.00
CIT	Biomedical E.	0.00	0.00	0.00	0.00	0.00	0.00
	Chemical E.	0.00	11.00	2.00	3.50	0.00	16.50
	Civil E.	1.00	7.00	2.00	4.00	0.00	14.00
	E & C E.	0.50	25.50	4.00	3.50	0.00	33.50
	EPP	0.00	5.65	2.00	2.00	0.00	9.65
	Mechanical E.	0.00	11.10	5.00	4.50	1.00	21.60
	MEMS	0.00	9.50	3.00	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	70.25	18.00	22.50	1.00	113.25
GSIA		4.00	18.25	13.00	22.00	3.00	60.25
H&SS	English	0.00	10.50	8.00	7.00	0.00	25.50
	History	0.00	8.25	7.00	2.75	0.00	18.00
	Mod. Lang.	0.00	2.00	1.00	3.00	1.00	7.00
	Philosophy	0.00	4.00	5.00	3.00	0.00	12.00
	Psychology	1.00	13.00	3.00	4.00	0.00	21.00
	S & D S.	1.50	4.75	3.00	4.75	0.00	14.00
	Statistics	0.00	6.00	2.00	5.00	0.00	13.00
	TOTAL H&SS		2.50	48.50	29.00	29.50	1.00
MCS	Biology	0.00	8.50	7.00	3.00	0.00	18.50
	Chemistry	0.00	12.00	5.00	5.00	0.00	22.00
	Math	0.50	18.00	4.00	2.00	0.00	24.50
	Physics	1.50	20.50	9.00	2.00	0.00	33.00
	Dean's Ofc.	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL MCS		2.00	59.00	25.00	12.00	0.00
SCS	Comput. Sci.	1.00	13.50	9.00	15.00	0.00	38.50
	Robotics	0.50	1.00	1.00	2.00	0.00	4.50
	TOTAL SCS	1.50	14.50	10.00	17.00	0.00	43.00
HNZ		0.50	9.50	4.00	14.00	1.00	29.00
ACADEMIC SUBTOTAL		13.00	246.50	140.00	130.00	7.00	536.50
ADMINISTRATIVE		1.00	9.50	0.00	0.00	0.00	10.50
TOTAL		14.00	256.00	140.00	130.00	7.00	547.00

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status, Department and Sex
Fall Semester 1993**

College	Department	Tenured			Tenure Stream			Instructors			TOTAL		
		M	F	IOI	M	F	IOI	M	F	IOI	M	F	IOI
CFA	Architecture	6.50	0.00	6.50	9.00	2.00	11.00	0.00	1.00	1.00	15.50	3.00	18.50
	Art	6.00	6.00	12.00	5.00	1.00	6.00	0.00	0.00	0.00	11.00	7.00	18.00
	Design	7.00	0.00	7.00	4.00	1.00	5.00	0.00	0.00	0.00	11.00	1.00	12.00
	Drama	6.00	3.00	9.00	5.00	3.00	8.00	0.00	0.00	0.00	11.00	6.00	17.00
	Music	6.00	2.00	8.00	4.00	4.00	8.00	0.00	0.00	0.00	10.00	6.00	16.00
	Dean's Ofc.	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00
	TOTAL CFA	31.50	11.00	42.50	28.00	11.00	39.00	0.00	1.00	1.00	59.50	23.00	82.50
CIT	Biomedical E.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Chemical E.	11.00	0.00	11.00	4.50	1.00	5.50	0.00	0.00	0.00	15.50	1.00	16.50
	Civil E.	8.00	0.00	8.00	4.00	2.00	6.00	0.00	0.00	0.00	12.00	2.00	14.00
	E & C E.	27.00	0.00	27.00	5.50	1.00	6.50	0.00	0.00	0.00	32.50	1.00	33.50
	EPP	4.65	0.00	4.65	4.00	1.00	5.00	0.00	0.00	0.00	8.65	1.00	9.65
	Mechanical E.	10.10	0.00	10.10	9.50	1.00	10.50	1.00	0.00	1.00	20.60	1.00	21.60
	MEMS	9.50	0.00	9.50	7.00	1.00	8.00	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	70.75	0.00	70.75	34.50	7.00	41.50	1.00	0.00	1.00	106.25	7.00	113.25
GSIA		27.25	1.00	28.25	22.00	7.00	29.00	1.00	2.00	3.00	50.25	10.00	60.25
H&SS	English	11.50	5.00	16.50	2.00	7.00	9.00	0.00	0.00	0.00	13.50	12.00	25.50
	History	11.25	2.00	13.25	2.00	2.75	4.75	0.00	0.00	0.00	13.25	4.75	18.00
	Mod. Lang.	1.00	1.00	2.00	2.00	2.00	4.00	0.00	1.00	1.00	3.00	4.00	7.00
	Philosophy	6.00	1.00	7.00	5.00	0.00	5.00	0.00	0.00	0.00	11.00	1.00	12.00
	Psychology	11.00	5.00	16.00	3.00	2.00	5.00	0.00	0.00	0.00	14.00	7.00	21.00
	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	8.00	0.00	8.00	4.00	1.00	5.00	0.00	0.00	0.00	12.00	1.00	13.00
	TOTAL H&SS	55.00	15.00	70.00	23.50	16.00	39.50	0.00	1.00	1.00	78.50	32.00	110.50
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	2.00	6.00	0.00	0.00	0.00	20.00	2.00	22.00
	Math	19.50	1.00	20.50	3.00	1.00	4.00	0.00	0.00	0.00	22.50	2.00	24.50
	Physics	25.00	0.00	25.00	7.00	1.00	8.00	0.00	0.00	0.00	32.00	1.00	33.00
	Dean's Ofc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MCS	74.00	2.00	76.00	18.00	4.00	22.00	0.00	0.00	0.00	92.00	6.00	98.00	
SCS	Comp. Sci.	16.50	2.00	18.50	18.00	2.00	20.00	0.00	0.00	0.00	34.50	4.00	38.50
	Robotics	2.50	0.00	2.50	2.00	0.00	2.00	0.00	0.00	0.00	4.50	0.00	4.50
	TOTAL SCS	19.00	2.00	21.00	20.00	2.00	22.00	0.00	0.00	0.00	39.00	4.00	43.00
HNZ		12.00	0.00	12.00	11.00	5.00	16.00	0.00	1.00	1.00	23.00	6.00	29.00
ACADEMIC SUBTOTAL		289.50	31.00	320.50	157.00	52.00	209.00	2.00	5.00	7.00	448.50	88.00	536.50
ADMIN.		8.50	1.00	9.50	1.00	0.00	1.00	0.00	0.00	0.00	9.50	1.00	10.50
TOTAL		298.00	32.00	330.00	158.00	52.00	210.00	2.00	5.00	7.00	458.00	89.00	547.00

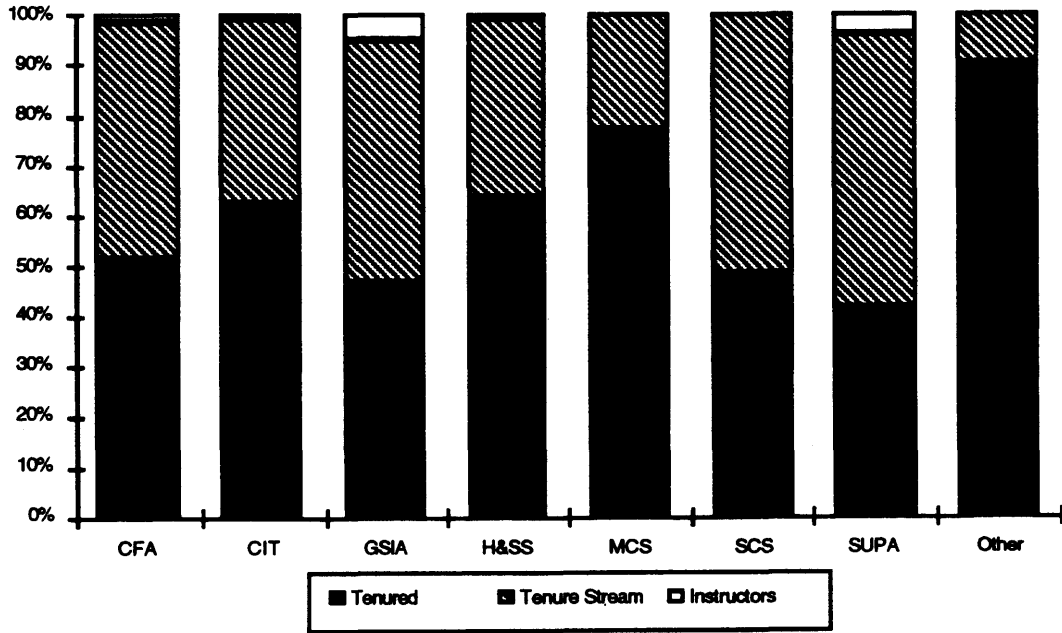
CARNEGIE MELLON UNIVERSITY

**Full Time Regular Faculty
By Tenure Status and College
Fall Semesters 1989 to 1993**

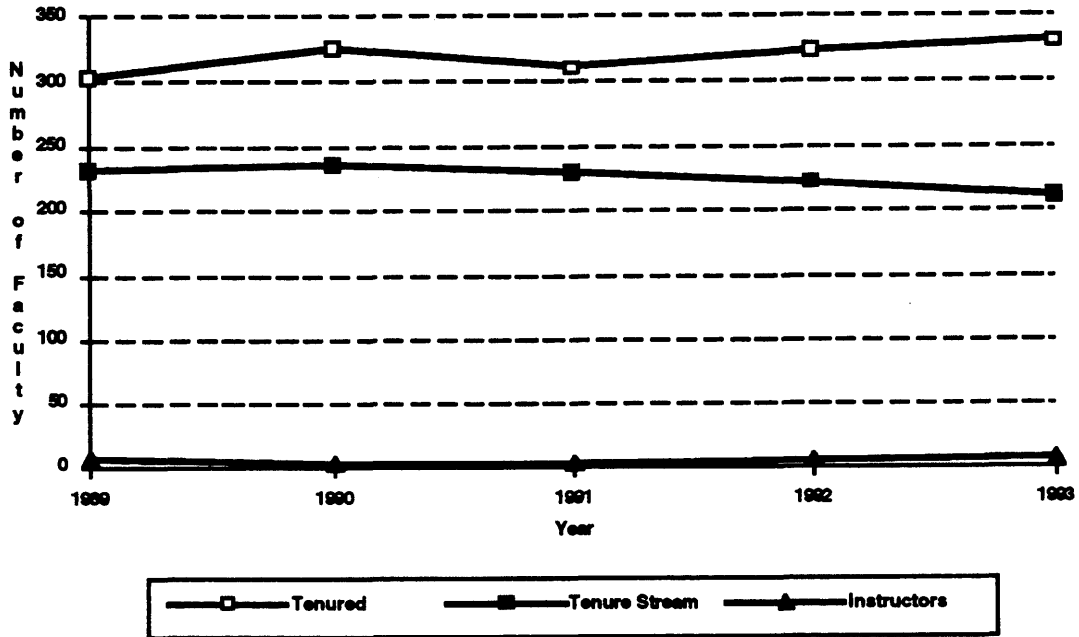
College	Tenure Status	1989	1990	1991	1992	1993
CFA	Tenured	41.50	41.50	37.50	39.50	42.50
	Tenure Stream	46.00	49.00	48.00	49.00	39.00
	Instructors	3.54	1.30	1.00	2.00	1.00
	Total	91.04	91.80	86.50	90.50	82.50
CIT	Tenured	60.45	69.95	69.45	72.45	70.75
	Tenure Stream	51.00	49.50	47.00	43.50	41.50
	Instructors	0.00	0.00	1.00	1.00	1.00
	Total	111.45	119.45	117.45	116.95	113.25
GSIA	Tenured	28.42	30.42	30.25	28.25	28.25
	Tenure Stream	39.00	35.00	31.00	30.00	29.00
	Instructors	3.00	1.00	1.00	2.00	3.00
	Total	70.42	66.42	62.25	60.25	60.25
H&SS	Tenured	63.75	65.25	62.50	68.75	70.00
	Tenure Stream	36.50	41.00	46.00	38.50	39.50
	Instructors	0.00	0.00	1.00	0.00	1.00
	Total	100.25	106.25	109.50	107.25	110.50
MCS	Tenured	70.30	74.30	72.30	76.30	76.00
	Tenure Stream	26.00	25.00	23.00	21.00	22.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	Total	96.30	99.30	95.30	97.30	98.00
SCS	Tenured	15.50	19.50	18.00	18.00	21.00
	Tenure Stream	20.50	20.00	15.00	21.00	22.00
	Instructors	0.00	0.00	0.00	1.00	0.00
	Total	36	39.50	33.00	40.00	43.00
HNZ	Tenured	10.08	10.58	8.50	8.75	12.00
	Tenure Stream	11.00	14.50	19.00	18.00	16.00
	Instructors	0.46	1.70	0.00	0.00	1.00
	Total	21.54	26.78	27.50	26.75	29.00
ACADEMIC SUBTOTAL						
	Tenured	290.00	311.50	298.50	312.00	320.50
	Tenure Stream	230.00	234.00	229.00	221.00	209.00
	Instructors	7.00	4.00	4.00	6.00	7.00
	Total	527.00	549.50	531.50	539.00	536.50
ADMINISTRATIVE						
	Tenured	12.00	13.50	12.50	11.00	9.50
	Tenure Stream	1.00	0.00	0.00	1.00	1.00
	Instructors	0.00	0.00	0.00	0.00	0.00
	Total	13.00	13.50	12.50	12.00	10.50
CMU	Tenured	302.00	325.00	311.00	323.00	330.00
	Tenure Stream	231.00	234.00	229.00	222.00	210.00
	Instructors	7.00	4.00	4.00	6.00	7.00
	Total	540.00	563.00	544.00	551.00	547.00

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status and College
Fall Semester 1993**

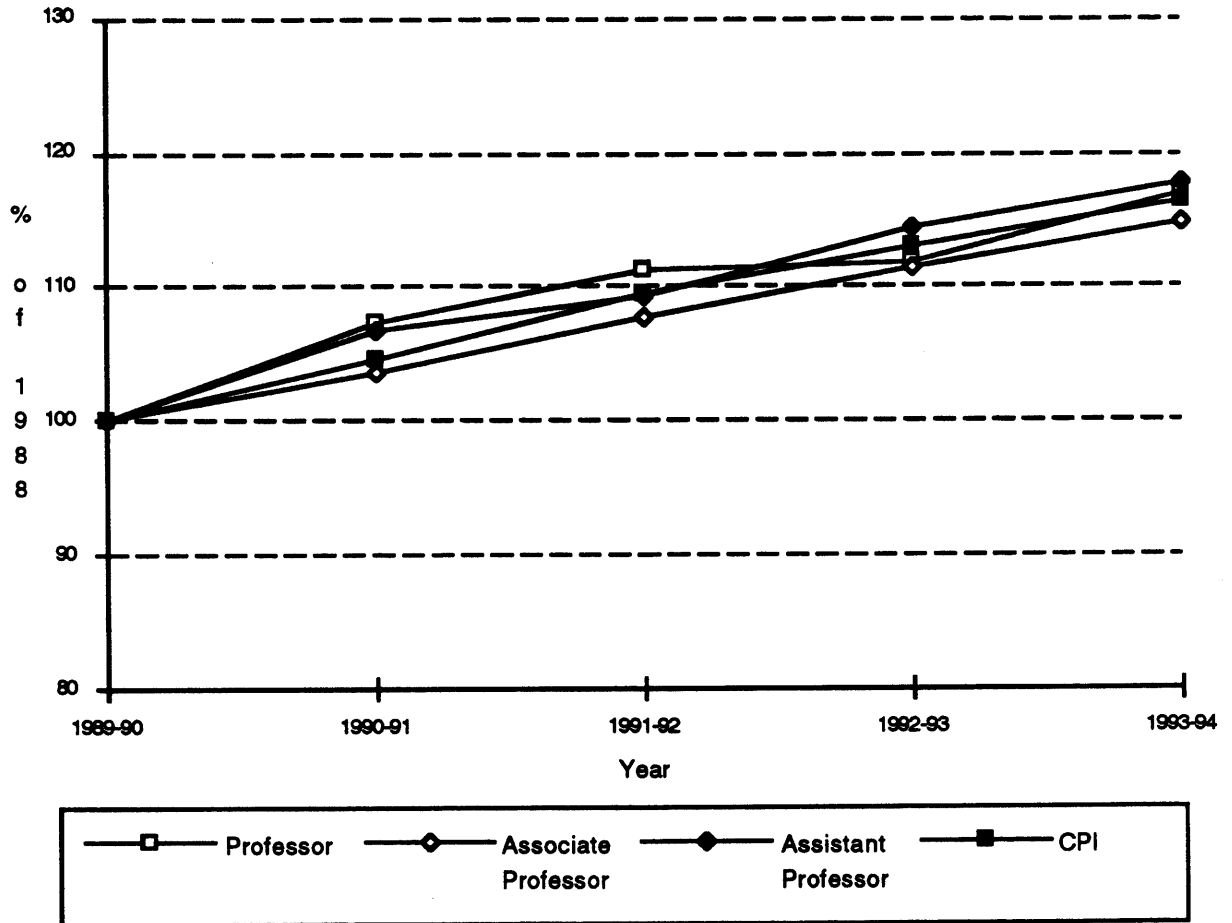


**Full-Time Regular Faculty
By Tenure Status
Fall Semester 1989 to 1993**



CARNEGIE MELLON UNIVERSITY

**Faculty Salaries Indexed Growth
Full-Time Regular Faculty
Academic Years 1989-90 to 1993-94**



**Average Faculty Salaries
Full-Time Regular Faculty
Academic Years 1989-90 to 1993-94**

	1989-90	1990-91	1991-92	1992-93	1993-94
Professor	\$70,900	\$76,100	\$78,900	\$79,300	\$82,900
Associate Professor	49,300	51,100	\$53,100	\$55,000	\$56,600
Assistant Professor	43,200	46,100	\$47,200	\$49,400	\$50,900

CARNEGIE MELLON UNIVERSITY

**Regular Faculty
Additional Facts and Figures**

**Distribution by Sex, Race and Age
Fall 1989 to 1993**

Percent of Faculty by Sex	1989	1990	1991	1992	1993
Male	84%	85%	85%	84%	84%
Female	16%	15%	15%	16%	16%
Percent of Faculty by Race	1989	1990	1991	1992	1993
Asian	3%	4%	3%	3%	3%
Black	1%	1%	1%	1%	1%
Hispanic	1%	1%	1%	1%	1%
White	77%	77%	77%	77%	76%
Non-U.S. Citizen	18%	17%	18%	18%	19%
Percent of Faculty by Age	1989	1990	1991	1992	1993
Under 30	3%	4%	4%	3%	1%
30 to 39	39%	36%	34%	34%	32%
40 to 49	29%	31%	31%	33%	35%
50 to 59	18%	17%	19%	18%	20%
60 and Over	11%	12%	12%	12%	12%

**Top Ten Institutions Granting Degrees to Faculty
Fall 1993**

Carnegie Mellon University	52	University of Michigan, Ann Arbor	18
Massachusetts Institute of Technology	43	Yale University	17
Stanford University	32	Cornell University	16
University of California, Berkeley	31	University of Pennsylvania	14
Harvard University	21	University of Chicago	13
		University of California	13

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

92% of the Regular Faculty hold a Ph.D. or terminal degree.

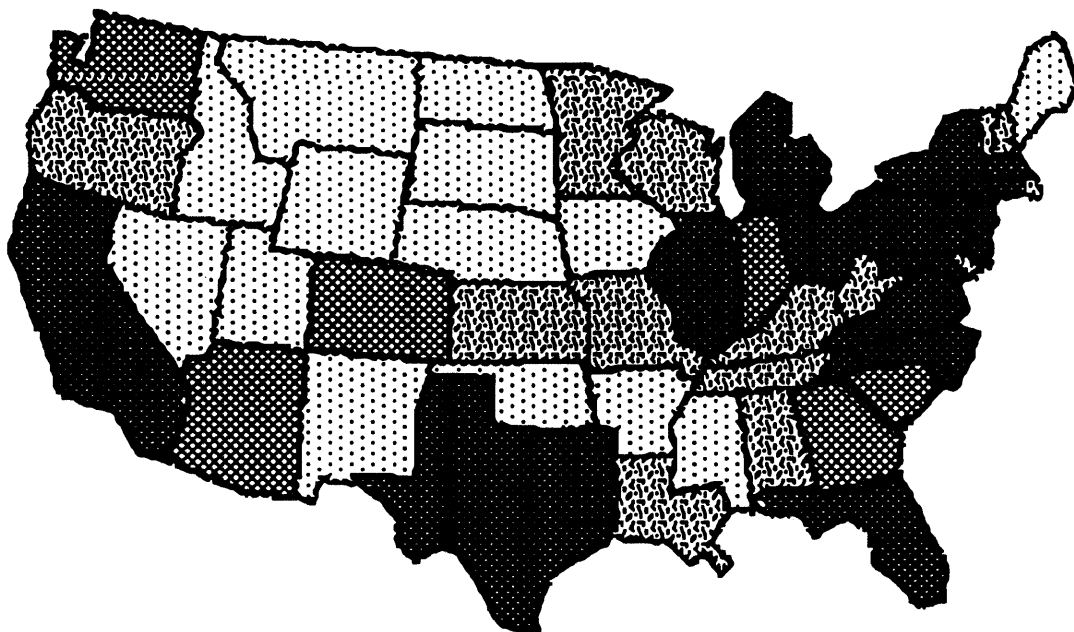
**Average Faculty Salaries by Rank, Fall 1992
Percent Change in Faculty Salaries
Fall 1988 to Fall 1992**

	Prof			Assoc			Asst		
	\$	%Δ		\$	%Δ		\$	%Δ	
CMU	\$79,300	25	10th	\$55,000	29	6th	\$49,400	31	6th
Princeton	\$92,700	37		\$54,900	37		\$43,000	31	
Stanford	\$91,200	29		\$64,400	29		\$50,000	26	
MIT	\$87,000	31		\$61,600	28		\$51,100	35	
U. of Chicago	\$86,900	35		\$57,300	37		\$50,900	44	
U. of PA	\$84,900	32		\$60,300	30		\$51,400	34	
Northwestern	\$82,600	35		\$57,300	40		\$47,600	29	
Cornell	\$76,700	29		\$54,500	29		\$47,100	33	
U. of Rochest.	\$75,500	31		\$51,700	25		\$43,900	28	
Wash. U.	\$75,400	36		\$51,400	32		\$43,800	36	
RPI	\$72,100	22		\$53,600	25		\$45,500	25	

ALUMNI

CARNEGIE MELLON UNIVERSITY

**Active Alumni
By Region and State
As of February 1994**



Region / State	Region / State	Region / State	Region / State
New England	South	Midwest	West
Connecticut 935	Arkansas 44	Illinois 1,168	Alaska 21
Maine 118	Alabama 135	Indiana 374	California 4,279
Massachusetts 1,680	Florida 1,774	Iowa 69	Colorado 446
New Hampshire 190	Georgia 480	Kansas 119	Hawaii 72
Rhode Island 107	Kentucky 159	Michigan 867	Idaho 57
Vermont 100	Louisiana 133	Minnesota 292	Montana 13
TOTAL 3,130	Mississippi 40	Missouri 263	Nevada 64
Percent of Total 7%	North Carolina 747	Nebraska 37	Oregon 241
	South Carolina 326	North Dakota 7	Utah 51
Middle States	Tennessee 267	South Dakota 10	Washington 468
Delaware 263	Virginia 1,569	Wisconsin 239	Wyoming 24
District of Columbia 337	TOTAL 5,674	TOTAL 3,445	TOTAL 5,736
Maryland 1,798	Percent of Total 12%	Percent of Total 7%	Percent of Total 12%
New Jersey 2,171	Southwest		
New York 3,998	Arizona 408	U.S. Territories 33	U.S. TOTAL 45,756
Ohio 2,289	New Mexico 184		Percent of Total 96%
Pennsylvania 14,756	Oklahoma 92	Unknown 3	Foreign Countries 1,962
West Virginia 270	Texas 1,169		Percent of Total 4%
TOTAL 25,882	TOTAL 1,853		TOTAL 47,718
Percent of Total 54%	Percent of Total 4%		

CARNEGIE MELLON UNIVERSITY

Active Alumni Additional Facts and Figures As of February 1994

Active Alumni by Major U.S. Cities

Greater Pittsburgh Area*	12,410	Akron	572
Metro New York**	4,570	Houston	523
Washington, D.C.	2,308	Atlanta	473
San Francisco	1,924	Harrisburg	460
Los Angeles	1,902	Denver	443
Boston	1,540	Phoenix	410
Philadelphia	1,502	Dallas	394
Baltimore	989	Fort Lauderdale	362
Chicago	964	Seattle	333
Cleveland	761	San Diego	310
Princeton	760	Columbus	301
Detroit	622	Cincinnati	285
Hartford	598	Minneapolis/St. Paul	240
		Buffalo	234

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

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

Active Alumni by College

CFA	8,355	Margaret Morrison	4,001
CIT	16,445	MCS	5,706
GSIA	3,355	Printing Management	722
H&SS	4,287	SCS	315
IM	2,093	HNZ	1,714
Industries	196	Robotics & INI	83
Libraries	444	Unspecified	2
		Total	47,718

Active Alumni by Class Year in Decades

1909 - 1919	34	1960 - 1969	7,266
1920 - 1929	554	1970 - 1979	8,595
1930 - 1939	2,333	1980 - 1989	12,390
1940 - 1949	4,227	1990 - 1993	6,115
1950 - 1959	6,204		
		Total	47,718

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
SUPA	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 1989-90 to 1993-94**

	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 dining service)	\$1,832	\$2,006	\$2,126	\$2,450	\$2,570

**Total Estimated Cost of Attending CMU
Academic Years 1989-90 to 1993-94**

	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 1989 to 1993
(Dollars in Thousands)**

CURRENT FUNDS REVENUES

	1989	1990	1991	1992	1993
Tuition and Fees	\$78,884	\$87,994	\$95,731	\$103,958	\$108,256
Endowment Distribution	14,422	\$15,429	\$18,081	\$20,934	\$22,898
Current Fund Investments/Earnings	3,660	\$3,631	\$3,198	\$2,568	\$2,334
Gifts & Grants	13,773	\$15,864	\$16,964	\$18,248	\$15,455
Sponsored Research	120,692	\$122,613	\$127,829	\$136,904	\$146,727
Auxiliary Services	21,988	\$23,358	\$25,123	\$26,315	\$26,826
Miscellaneous Income	14,620	\$13,191	\$15,674	\$16,530	\$15,066
TOTAL REVENUES	\$268,039	\$282,080	\$302,600	\$325,457	\$337,562

CURRENT FUNDS EXPENDITURES

(by Functions)	1989	1990	1991	1992	1993
Instruction & Department Research	\$71,294	\$81,305	\$89,827	\$93,702	\$101,466
Academic Support	16,645	\$19,250	\$19,325	\$20,688	\$21,022
Sponsored Research - Direct Costs	93,554	\$94,163	\$98,744	\$104,295	\$109,238
Student Aid	15,744	\$17,574	\$18,403	\$21,366	\$23,682
Campus Operation	6,147	\$7,622	\$6,953	\$7,111	\$6,782
Utilities	5,178	\$5,624	\$5,468	\$5,895	\$5,477
Administration	10,592	\$11,150	\$11,934	\$13,253	\$13,114
Student Services	6,658	\$7,326	\$8,193	\$8,655	\$9,191
General Institutional	4,495	\$6,653	\$7,640	\$4,706	\$5,064
Auxiliary Services	22,198	\$23,361	\$25,732	\$26,587	\$26,618
TOTAL	\$252,505	\$274,028	\$292,219	\$306,258	\$321,654

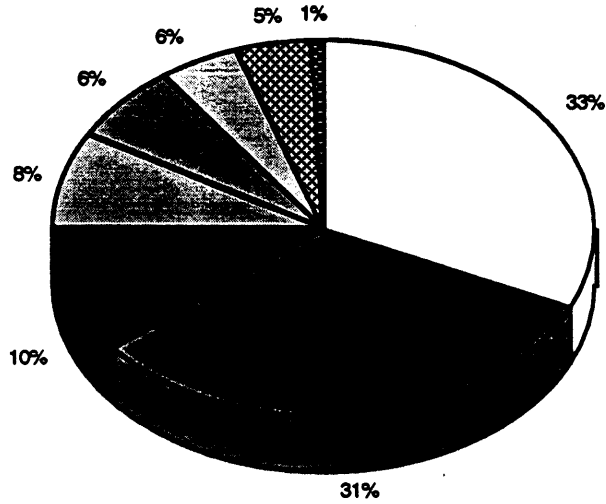
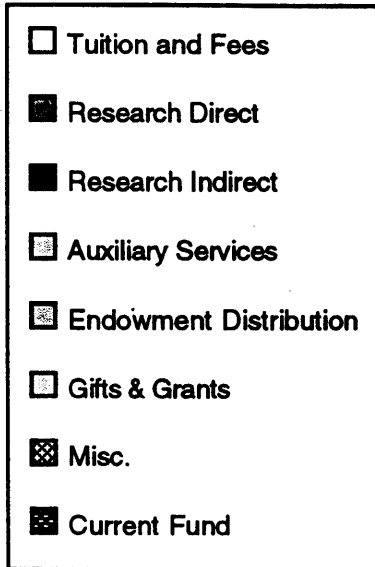
TRANSFERS

Capital	\$14,571	\$9,859	\$8,616	\$14,536	\$13,739
Other	(\$949)	(\$658)	\$278	\$666	\$355
TOTAL	\$13,622	\$9,201	\$8,894	\$15,202	\$14,094

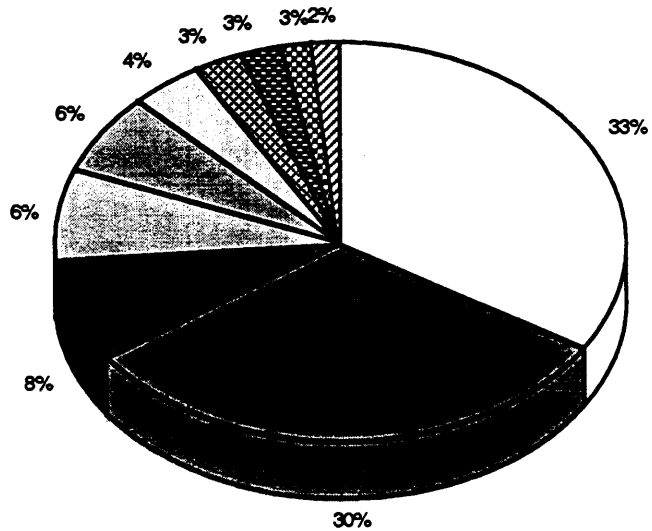
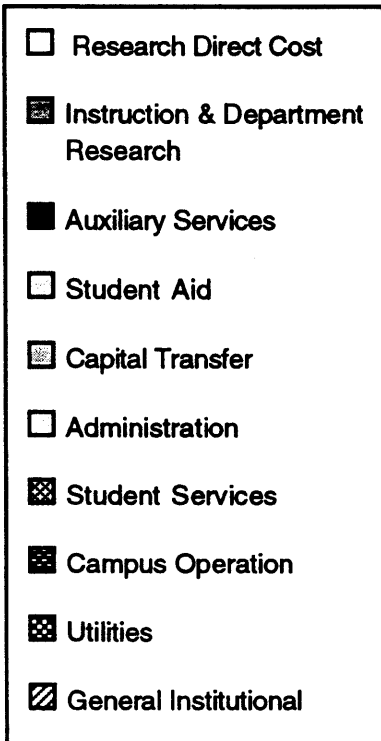
TOTAL EXPENDITURES and TRANSFERS	\$262,158	\$278,317	\$296,900	\$321,460	\$335,748
---	------------------	------------------	------------------	------------------	------------------

CARNEGIE MELLON UNIVERSITY

Distribution of Current Funds Revenues
Fiscal Year 1993
 (Total = \$337,562)



Distribution of Current Funds Expenditures and Transfers
Fiscal Year 1993
 (Total = \$335,740)



CARNEGIE MELLON UNIVERSITY

**Total Sponsored Research Costs
by College and Research Center
Fiscal Years 1989 to 1993
(Dollars in Thousands)**

	1989	1990	1991	1992	1993
Direct Costs					
CIT	\$16,947	\$16,066	\$16,999	\$18,281	\$16,559
CFA	306	571	766	434	385
H&SS	4,953	5,266	5,052	5,248	5,456
MCS	13,694	15,306	15,397	15,768	17,988
SCS	29,277	26,505	26,455	25,876	27,027
GSIA	689	546	1,053	1,534	1,807
HEINZ	466	626	735	811	930
CMRI	5,462	6,012	6,881	6,760	7,492
SEI	19,337	21,978	24,914	29,363	31,013
WPATC	1,748	548	0	0	0
Other	676	739	492	220	581
TOTAL	\$93,554	\$94,163	\$98,744	\$104,295	\$109,238

Indirect Costs

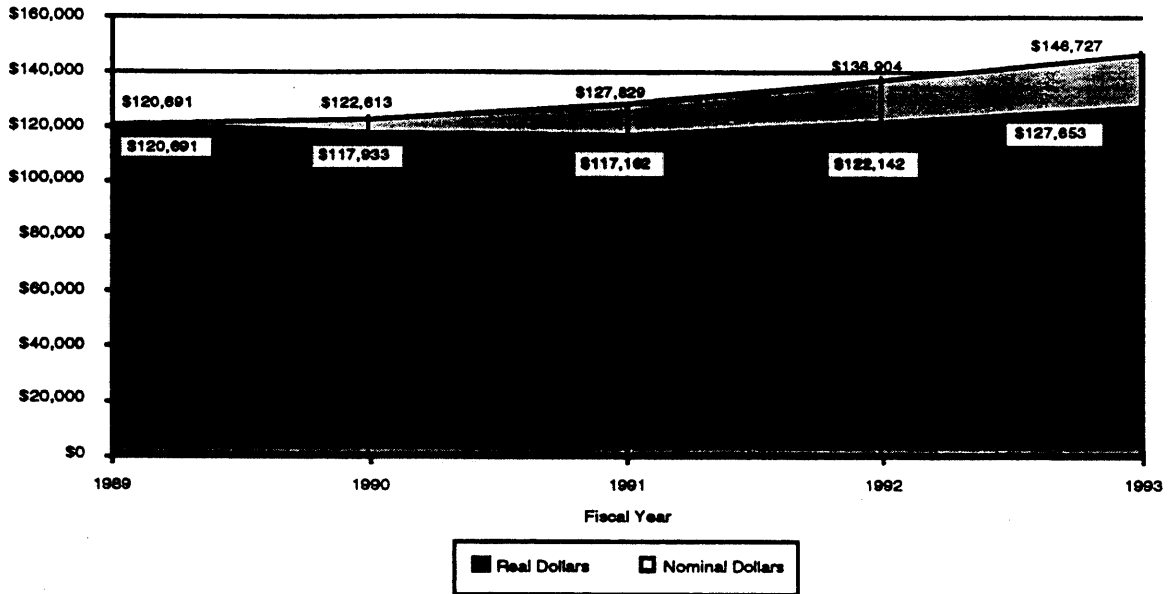
CIT	\$5,853	\$6,123	\$6,127	\$6,530	\$6,709
CFA	86	149	139	94	145
H&SS	1,510	1,638	1,577	1,668	1,751
MCS	5,065	4,981	5,527	5,936	6,651
SCS	9,973	9,578	9,619	11,110	13,352
GSIA	333	245	489	513	713
HEINZ	185	245	252	277	378
CMRI	2,433	2,856	3,035	3,209	3,597
SEI	1,563	2,316	2,225	3,189	4,059
WPATC	0	0	0	0	0
Other	136	319	95	83	137
TOTAL	\$27,137	\$28,450	\$29,085	\$32,609	\$37,492

Total Sponsored Research Costs

CIT	\$22,800	\$22,189	\$23,126	\$24,811	\$23,268
CFA	392	720	905	528	530
H&SS	6,463	6,904	6,629	6,916	7,207
MCS	18,759	20,287	20,924	21,704	24,639
SCS	39,249	36,083	36,074	36,986	40,379
GSIA	1,022	791	1,542	2,047	2,520
HEINZ	652	871	987	1,088	1,308
CMRI	7,894	8,868	9,916	9,969	11,089
SEI	20,900	24,294	27,139	32,552	35,072
WPATC	1,748	548	0	0	0
Other	812	1,058	587	303	718
TOTAL	\$120,691	\$122,613	\$127,829	\$136,904	\$146,730

CARNEGIE MELLON UNIVERSITY

**Sponsored Research Costs
Real versus Nominal Growth
Fiscal Years 1989 to 1993**



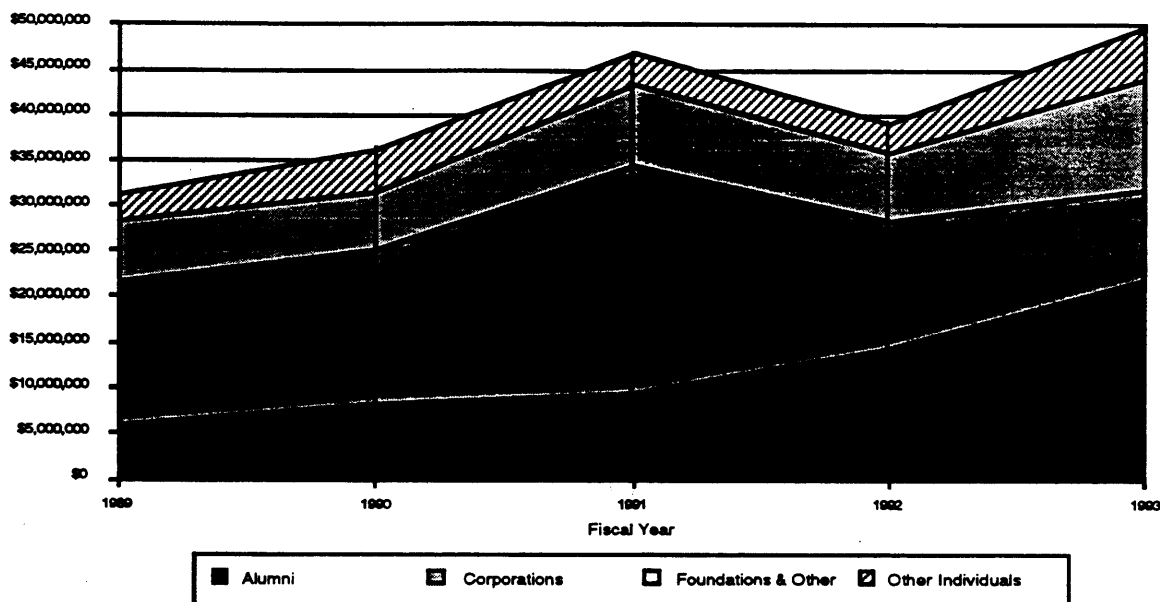
Real dollars calculated using the 2nd quarter implicit price deflator with 1989 as the base year.

**Total Sponsored Research Costs by Agency
Fiscal Years 1989 to 1993**

	1989	1990	1991	1992	1993
Federal					
Defense	\$51,591,526	\$54,882,486	\$54,309,793	\$60,157,000	\$64,557,000
National Science Foundation	18,064,424	20,269,542	21,070,932	25,241,000	27,840,000
Health & Human Services	7,671,592	7,230,473	7,805,456	6,787,000	7,534,000
Energy	4,114,278	4,247,083	3,876,166	3,441,000	4,726,000
Other Federal	4,537,403	2,213,786	5,383,455	6,795,000	9,081,000
TOTAL	\$85,979,223	\$88,843,370	\$92,445,802	\$102,421,000	\$113,738,000
Non-Federal					
Industrial	\$18,943,891	\$20,139,928	\$20,382,774	\$18,998,000	\$18,237,000
Other Non-Federal	15,768,230	13,630,005	14,999,978	15,485,000	14,752,000
TOTAL	\$34,712,121	\$33,769,933	\$35,382,752	\$34,483,000	\$32,989,000
TOTAL	\$120,691,344	\$122,613,303	\$127,828,554	\$136,904,000	\$146,727,000

CARNEGIE MELLON UNIVERSITY

**Total Giving by Source
Nominal Dollars
Fiscal Years 1989 to 1993**



**Voluntary Support
By Source and Purpose
Fiscal Years 1989 to 1993**

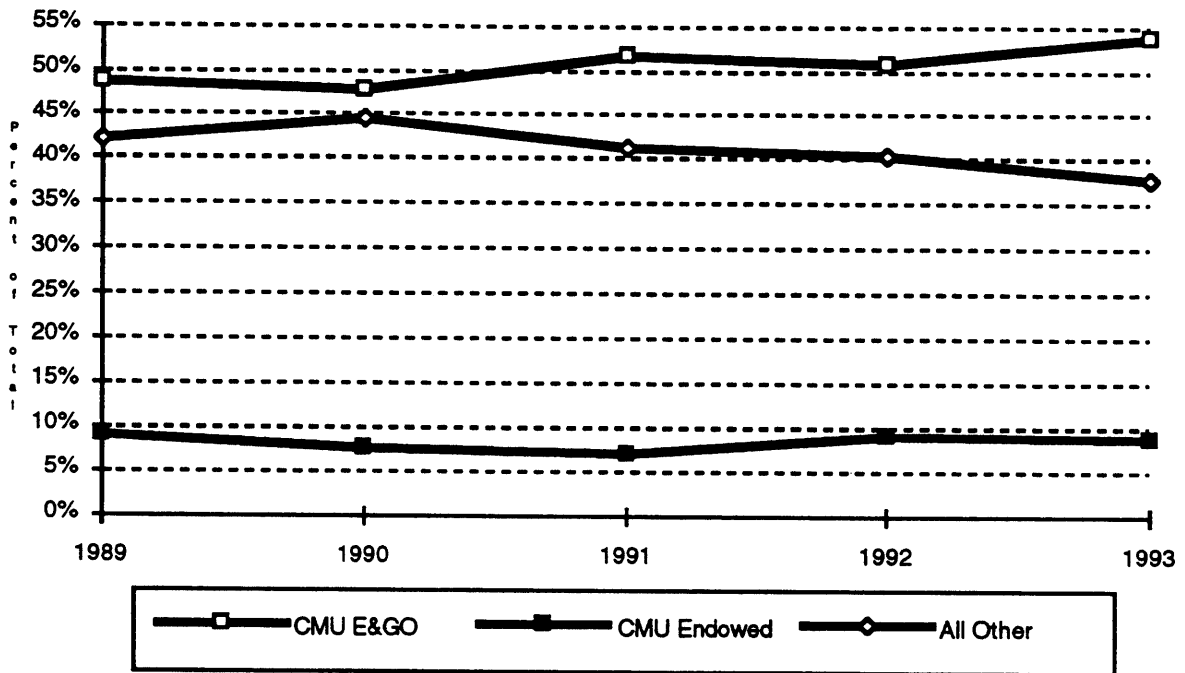
	1989	1990	1991	1992	1993
Current Operations					
Alumni	\$2,339,210	N/A	\$4,366,563	\$4,786,556	\$1,955,531
Other Individuals	1,193,421	N/A	1,329,170	1,555,594	1,132,022
Foundations & Other	6,120,168	N/A	5,433,231	4,569,194	4,754,060
Corporations	4,042,599	N/A	4,390,435	4,609,945	3,291,248
TOTAL	\$13,695,398	\$12,424,910	\$15,519,399	\$15,521,289	\$11,132,861
Capital					
Alumni	\$3,419,150	N/A	\$5,178,961	\$9,696,973	\$19,968,379
Other Individuals	1,657,045	N/A	1,994,553	1,588,705	4,467,880
Foundations & Other	682,673	N/A	3,660,000	3,117,770	7,675,901
Corporations	11,769,657	N/A	20,511,037	9,169,830	6,448,938
TOTAL	\$17,528,525	\$23,694,860	\$31,344,551	\$23,573,278	\$38,561,098
Total Giving					
Alumni	\$5,758,360	\$8,155,695	\$9,545,524	\$14,483,529	\$21,923,910
Other Individuals	2,850,466	4,630,389	3,323,723	3,144,299	5,599,902
Foundations & Other	6,802,841	6,341,151	9,093,231	7,686,964	12,429,961
Corporations	15,812,256	16,992,535	24,901,472	13,779,775	9,740,186
TOTAL	\$31,223,923	\$36,119,770	\$46,863,950	\$39,094,567	\$49,693,959

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 1989 to 1993**



*All other includes Federal, State and Other Grant Resources

**Undergraduate Financial Aid Resources
By Source
Fiscal Years 1989 to 1993
(Dollars In Thousands)**

	1989	1990	1991	1992	1993
Scholarships & Grants					
Federal - PELL	\$1,041	\$1,085	\$1,018	\$1,231	\$1,361
Federal - SEOG	1,471	1,677	1,684	1,745	1,819
State - PHEAA	1,301	1,434	1,462	1,492	1,501
Other State Grants	165	153	114	108	150
CMU E&GO	8,325	9,785	11,000	12,758	14,398
CMU Endowed	1,538	1,547	1,463	2,243	2,313
CMU Gifts and Grants	311	289	312	274	231
ROTC	1,257	1,901	2,255	2,610	2,673
Other Grant Resources	1,654	2,596	1,941	2,682	2,345
TOTAL	\$17,063	\$20,467	\$21,249	\$25,143	\$26,791
Self-Help					
Workstudy	\$1,691	\$1,713	\$1,438	\$1,449	\$1,507
Loans	7,908	9,150	7,610	8,196	8,418
TOTAL	\$9,599	\$10,863	\$9,048	\$9,645	\$9,925
TOTAL	\$26,662	\$31,330	\$30,297	\$34,788	\$36,716
% of Undergraduates with Need	63.5%	63.9%	65.0%	60.0%	70.0%

CARNEGIE MELLON UNIVERSITY

Finances

Additional Facts and Figures

**Undergraduate Tuition Comparison by Benchmark Competitors
Academic Year 1993-94**

School	Tuition & Fees	Room & Board*
Carnegie Mellon	\$17,060	\$5,540
Tier 1 MIT	19,000	5,800
Princeton	18,940	5,710
Cornell	18,226	6,044
Univ. of Penn	17,838	6,800
Stanford	17,775	6,535
Avg. Tier 1	\$18,356	\$6,178
Tier 2 Univ. of Chicago	18,207	6,130
Washington Univ.	17,776	5,639
RPI	17,325	5,742
Univ. of Rochester	16,515	5,511
Northwestern	15,804	5,289
Avg. Tier 2	\$17,125	\$5,662

Double Room-21 meals/week, CMU-Double Room-Constant Pass

Source: College Cost Book

Carnegie Mellon Tuition Benefits

Fiscal Years 1989 to 1993

(Dollars in Thousands)

	1989	1990	1991	1992	1993
Total	\$2,901	\$3,151	\$3,523	\$3,555	\$3,599

Endowment Statistics

Fiscal Years 1989 to 1993

(Dollars in Thousands)

	1989	1990	1991	1992	1993
Book Value	\$262,177	\$277,780	\$294,030	\$310,706	\$346,601
Market Value	290,962	299,168	313,330	361,091	404,531
Life Income Funds	21,674	21,485	20,418	22,091	24,674
Rank	36	41	44	41	41
Endowment/FTE Student*	\$46,686	\$47,180	\$48,410	\$55,320	\$62,767
Rank	75	81	83	83	87

*Private Institutions Only

Carnegie Mellon National Rank

Research and Development Funds

Academic Science and Engineering

Fiscal Years 1988 to 1992

	1988	1989	1990	1991	1992
Total R&D	45th	50th	53th	55th	55th
Total R&D Among Privates	17th	17th	18th	19th	19th
Industry Sponsored R&D	7th	8th	9th	10th	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 June 30, 1993

Major Division College/Division	Use Category										TOTAL
	Classroom & Serv.	Labs Studios & Serv.	Office & Serv.	Conf./Mtg. Assembly/Exh. & Serv.	Food/Lng. Merch. & Serv.	Study Data Proc. & Serv.	Shops/Veh. Food & Gen. Storage & Serv.	Housing	Other		
President	0	0	5,400	977	0	0	13	0	0	0	6,390
Provost											
CIT	1,179	112,273	88,353	6,296	5,608	9,333	13,035	0	8,242	0	244,319
CFA	16,065	103,491	35,154	12,502	181	2,453	13,685	0	1,522	0	185,053
H&SS	3,217	13,289	63,420	1,654	1,266	1,725	503	0	2,948	0	88,032
MCS	867	128,427	75,708	4,016	1,854	7,146	19,178	0	1,879	0	239,075
SCS	1,021	32,983	67,217	5,867	1,235	13,746	1,837	0	14,201	0	138,107
GSIA	14,113	1,224	38,197	2,371	5,066	8,397	6,448	0	0	0	75,816
HNZ	1,656	3,127	16,164	921	1,022	49	608	0	238	0	23,785
CMRI	0	22,807	35,401	306	0	176	2,574	0	1,881	0	63,145
SEI	0	0	58,806	11,889	2,996	11,527	6,108	0	4,546	0	95,872
Other	755	12,085	37,964	15,241	4,968	96,389	24,564	0	7,738	0	199,704
TOTAL	38,873	429,716	516,384	61,063	24,196	150,941	88,540	0	43,194	0	1,352,907
VP Business Aff. & Planning											
Campus Services	0	0	7,189	0	60,992	0	29,001	0	2,369	0	99,551
PP-Fac & Adm.	0	0	8,914	1,066	1,049	600	40,029	0	19,293	0	70,951
Other	4,601	0	15,169	1,034	621	58	899	0	0	0	22,432
TOTAL	4,601	0	31,272	2,150	62,662	658	69,929	0	21,662	0	192,934
VP Development	0	0	9,804	561	0	138	820	0	0	0	11,323
VP Enrollment											
Registrar Classrooms	57,687	0	0	0	0	0	0	0	0	0	57,687
Other	0	0	32,465	16,893	21,010	1,873	37,189	578,869	71,166	0	759,465
TOTAL	57,687	0	32,465	16,893	21,010	1,873	37,189	578,869	71,166	0	817,152
VP University Relations	0	0	5,746	313	0	0	1,480	0	6,082	0	13,621
Total CMU	101,161	429,716	601,071	81,957	107,868	153,610	197,971	578,869	142,104	0	2,394,327
NON-CMU Occupant	0	0	0	0	0	0	0	0	86,278	0	86,278
Total Net Assign. Space	101,161	429,716	601,071	81,957	107,868	153,610	197,971	578,869	228,382	0	2,480,605
Building Support	0	0	0	0	0	0	0	0	902,173	0	902,173
TOTAL	101,161	429,716	601,071	81,957	107,868	153,610	197,971	578,869	1,130,554	0	3,382,777

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

CARNEGIE MELLON UNIVERSITY

**Total Space in Square Footage
By Major Division, College/Division, and Building
As of February 12, 1994**

See Appendix page 89 for Building titles

Major Division	Building											
	B/P	CFA	CYT	DH	EDSH	FMR/MSL	GSIA	GYM	HBH	HH	HL	MMC
President	109	0	0	0	0	0	0	0	2,012	0	0	0
Provost												
CIT	45,359	0	2,119	54,226	0	0	0	0	17,403	75,353	0	0
CFA	5,233	83,294	0	36,435	0	0	0	0	0	0	0	56,259
H&SS	75,652	0	0	0	0	0	0	0	1,328	0	0	7,312
MCS	0	0	0	43,673	0	0	0	0	0	0	0	0
SCS	0	0	9,837	11,372	12,874	15,691	0	0	0	0	0	0
GSIA	0	0	0	0	0	0	73,176	0	0	0	0	0
HNZ	0	0	0	0	0	0	0	0	23,785	0	0	0
CMRI	0	0	0	0	0	0	0	0	0	0	0	0
Other	5,439	1,344	25,889	0	81	211	290	0	14,380	0	77,844	0
TOTAL	131,683	84,638	37,845	145,706	12,955	15,902	73,466	0	56,896	75,353	77,844	63,571
VP Business Aff. & Planning												
Campus Srv's	6,223	20	382	0	0	0	100	0	0	0	0	39
Other	3,811	1,828	4,438	1,085	549	131	749	463	1,009	413	302	4,545
TOTAL	10,034	1,848	4,820	1,085	549	131	849	463	1,009	413	302	4,584
VP Development	0	0	0	0	0	0	0	0	0	0	0	0
VP Enrollment												
Classrooms	21,192	2,905	0	11,637	0	0	0	0	4,954	1,860	0	2,662
Housing	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
Other	1,769	0	583	0	1,710	0	0	0	4,941	510	0	1,524
TOTAL	22,961	2,905	583	11,637	1,710	0	0	55,108	9,895	2,370	0	4,186
VP University Relations	0	0	0	0	106	0	0	0	0	0	0	0
Total CMU	164,787	89,391	43,248	158,428	15,320	16,033	74,315	55,571	69,812	78,136	78,146	72,341
NON-CMU Occupant	0	0	0	0	0	38,511	0	0	0	0	0	0
Total Net Assignable Space	164,787	89,391	43,248	158,428	15,320	16,033	74,315	55,571	69,812	78,136	78,146	72,341
Building Support	67,838	35,742	19,416	58,228	2,968	21,286	40,782	7,274	32,098	36,745	23,379	30,350
TOTAL	232,625	125,133	62,664	216,656	18,288	37,319	115,097	62,845	101,910	114,881	101,525	102,691

CARNEGIE MELLON UNIVERSITY

**Total Space in Square Footage
By Major Division, College/Division, and Building
As of February 12, 1994**

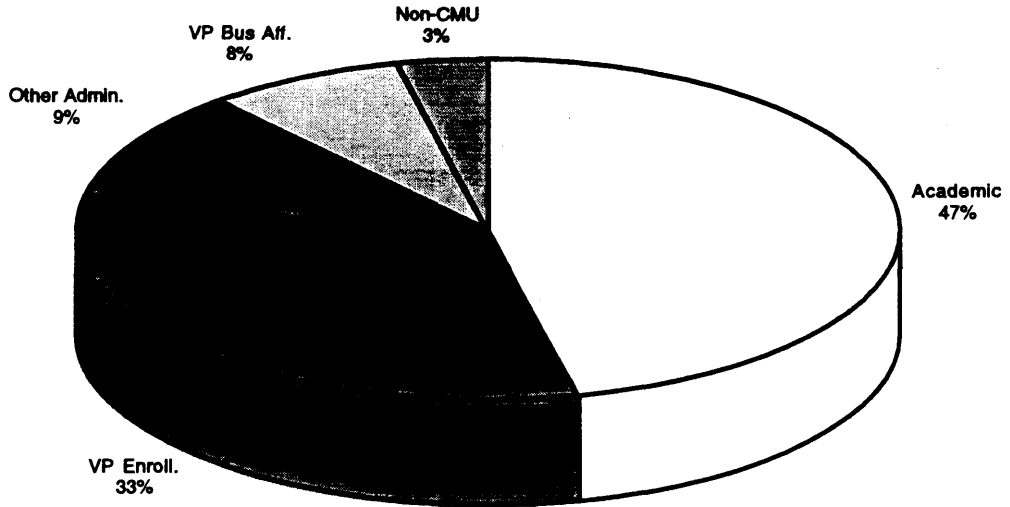
Major Division	Building												TOTAL
	MI	PPB	PRB	PUB	SH	SKIBO	WEH	WH	WHIT	*OTHER	HSING	LEASED	
President	0	0	0	0	0	0	0	4,269	0	0	0	0	6,390
Provost													
CIT	0	0	0	0	19,063	0	29,232	0	0	904	0	660	244,319
CFA	0	0	0	0	0	0	195	0	0	3,637	0	0	185,053
H&SS	0	0	0	0	0	0	0	0	0	880	0	2,860	88,032
MCS	137,289	1,286	0	0	1,403	0	49,424	0	0	0	0	6,000	239,075
SCS	0	0	6,316	0	0	0	82,017	0	0	0	0	0	138,107
GSIA	0	0	0	0	0	0	0	0	0	2,640	0	0	75,816
HNZ	0	0	0	0	0	0	0	0	0	0	0	0	23,785
CMRI	34,965	0	0	0	0	0	0	0	0	0	0	35,730	70,695
Other	13,879	0	0	0	0	626	19,003	3,704	68	13,078	0	112,191	288,026
TOTAL	186,133	1,286	6,316	0	20,465	626	179,871	3,704	68	21,139	0	157,441	1,352,907
VP Business Aff. & Planning													
Campus Srv's	4,782	960	0	0	0	28,453	0	830	4,606	31,531	0	21,625	99,551
Other	8,093	28,050	0	0	443	394	2,760	2,281	3,958	27,594	0	487	93,383
TOTAL	12,875	29,010	0	0	443	28,847	2,760	3,111	8,564	59,125	0	22,112	192,934
VP Development	0	0	0	0	0	0	0	5,388	0	5,935	0	0	11,323
VP Enrollment													
Classrooms	1,125	0	0	0	4,939	0	6,413	0	0	0	0	0	57,687
Housing	0	0	0	0	0	0	0	0	0	0	543,144	70,050	613,194
Athletics	0	0	0	0	0	0	0	0	0	16,180	0	0	71,288
Other	160	584	904	0	0	35,326	0	16,805	0	10,167	0	0	74,983
TOTAL	1,285	584	904	0	4,939	35,326	6,413	16,805	0	26,347	543,144	70,050	817,152
VP University Relations	313	9,264	0	0	0	280	0	0	0	3,658	0	0	13,621
Total CMU	200,606	40,144	7,220	0	25,847	65,079	189,044	33,277	8,632	116,204	543,144	249,603	2,394,327
NON-CMU Occupant	0	0	0	0	0	0	0	0	0	47,767	0	0	86,278
Total Net Assignable Space	200,606	40,144	7,220	0	25,847	65,079	189,044	33,277	8,632	163,971	543,144	249,603	2,480,605
Building Support	141,156	13,203	92	1,054	10,826	29,604	104,500	12,546	3,400	8,911	161,829	38,946	902,173
TOTAL	341,762	53,347	7,312	1,054	36,673	94,683	293,544	45,823	12,032	172,882	704,973	288,549	3,382,777

Note:
 Other building includes 407 S. Craig St., Bramer House, Studio Theatre, West Garages, Alumni House, Bushy Run Facilities, Owned Trailers Gesling Field and the MM-C Plaza.
 Other Provost includes Administrative functions as well as University Controlled space.
 Major Leased space includes SEI and the Eichleay Building.
 NON-CMU Occupant includes Mine Safety Health Administration and Union Carbide.

CARNEGIE MELLON UNIVERSITY

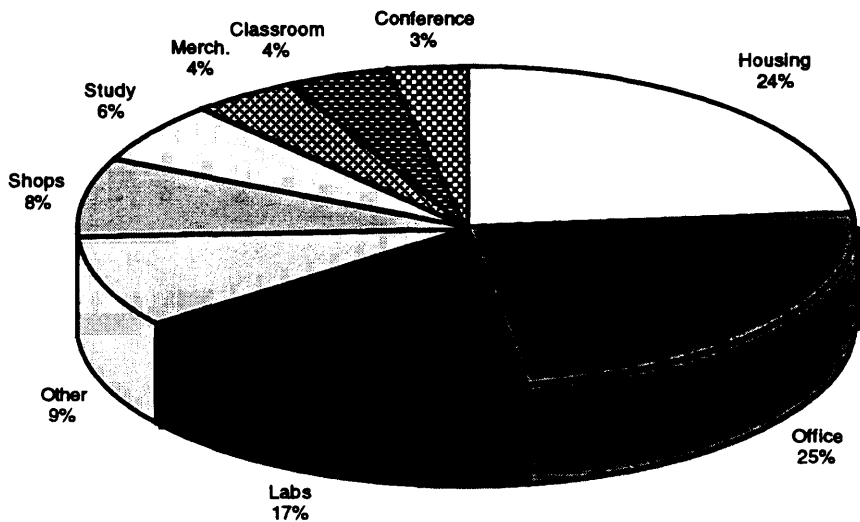
**Net Assignable Space by Major Use and Division
As of February 12, 1994**

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 1990 to 1994**

	1990 Spaces	1991 Spaces	1992 Spaces	1993 Spaces	1994 Spaces
Permit Parking	1,935	2,001	2,203	2,214	2,242
Visitor Parking	44	32	39	33	33
Meter Parking	94	87	194	213	231
Utility Parking	80	80	18	15	15
Campus Street	301	301	301	301	301
CMU Area Total	2,454	2,501	2,755	2,776	2,822
Total Permits Issued	2,324	2,393	2,611	2,621	2,553

**Housing Capacity
By Units, Beds Available and Filled
Fall Semester 1993**

	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

Key to Buildings and Services

Academic Buildings

1. Alumni House
2. Baker Hall
3. Bellefield Towers
4. Bramer House
5. College of Fine Arts
6. Cyert Hall
7. Doherty Hall
8. Field and Mobile Robotics Building
9. Graduate School of Industrial Administration
10. Gymnasium
11. Hamburg Hall
12. Hamerschlag Hall
13. Hunt Library
14. Margaret Morrison Carnegie Hall
15. Mellon Institute
16. Mine Safety Laboratory Building
17. Physical Plant Building
18. Planetary Robotics Building
19. Porter Hall
20. Publications and Printing Building
21. Scaife Hall
22. Skibo Hall (University Center, Constr. 5/94-Fall '96)
23. Smith Hall
24. Software Engineering Institute
25. Studio Theatre
26. University Technology Development Center
27. Warner Hall
28. Wean Hall
29. West Garages
30. Whitfield Hall
31. 407 South Craig Street
32. 4616 Henry Street
33. The Student Center
34. 6555 Penn Avenue

Residence Buildings

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

Parking Areas

1. Fine Arts
 2. Sororties
 3. Children's School
 4. Doherty
 5. East Campus Garage
 7. Fraternities
 8. Morewood
 9. Warner
 10. Dithridge Street Garage
 11. Porter-Hamerschlag-Wean
 12. Baker
 13. Bramer House and Alumni House
 14. Whitfield Hall
 15. Hamburg Hall
 16. Lower Bureau of Mines
 17. Upper Bureau of Mines
 18. 6555 Penn Avenue
- VP Visitor Parking

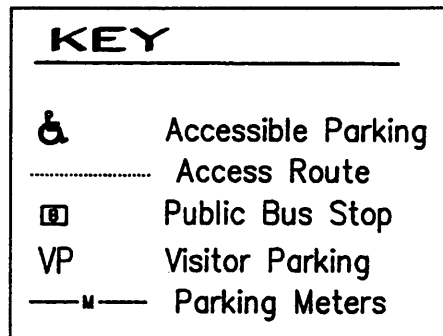
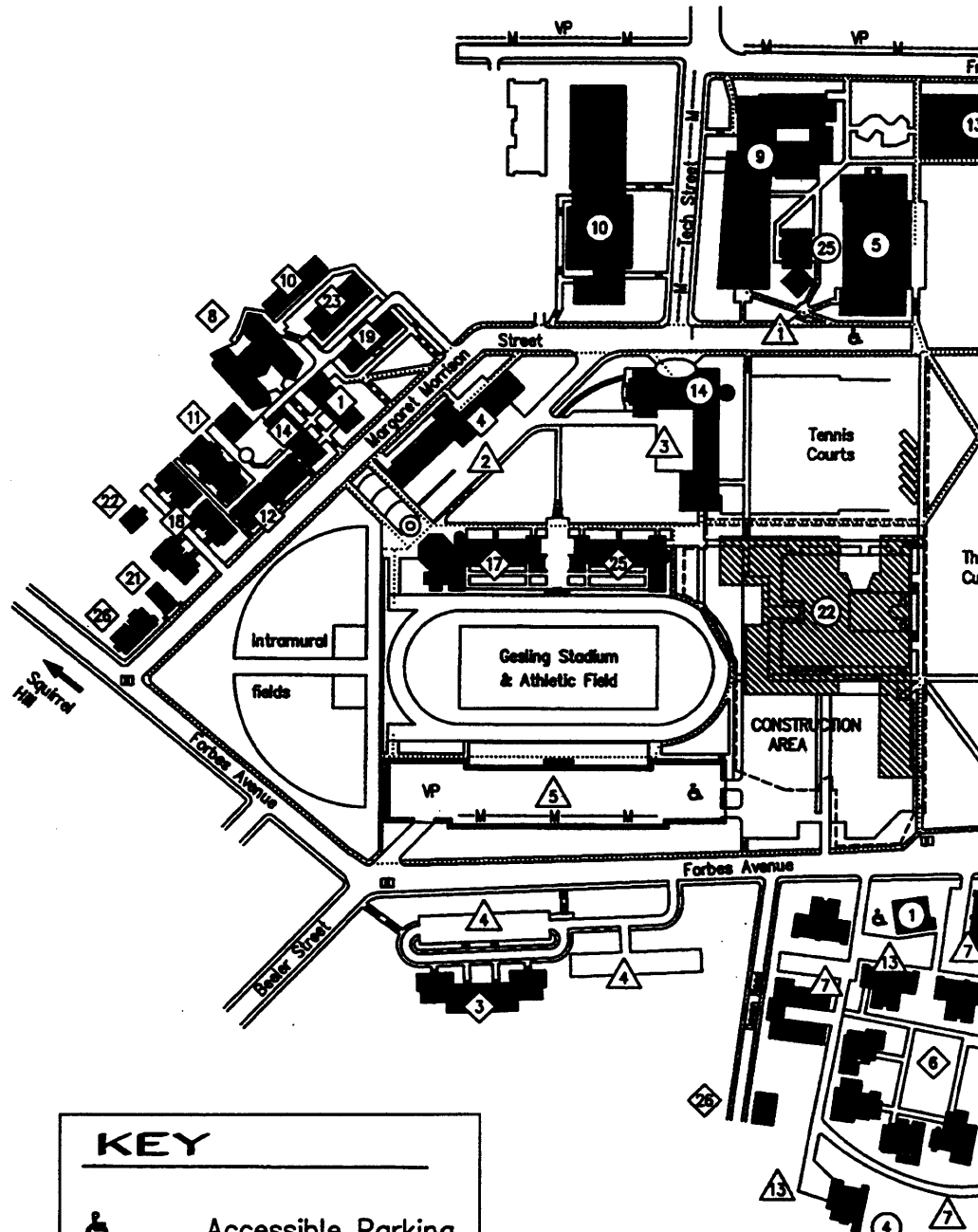
Colleges

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)
 H. John Heinz III School of Public Policy and Management – Hamburg Hall
 School of Computer Science (SCS) – Wean Hall

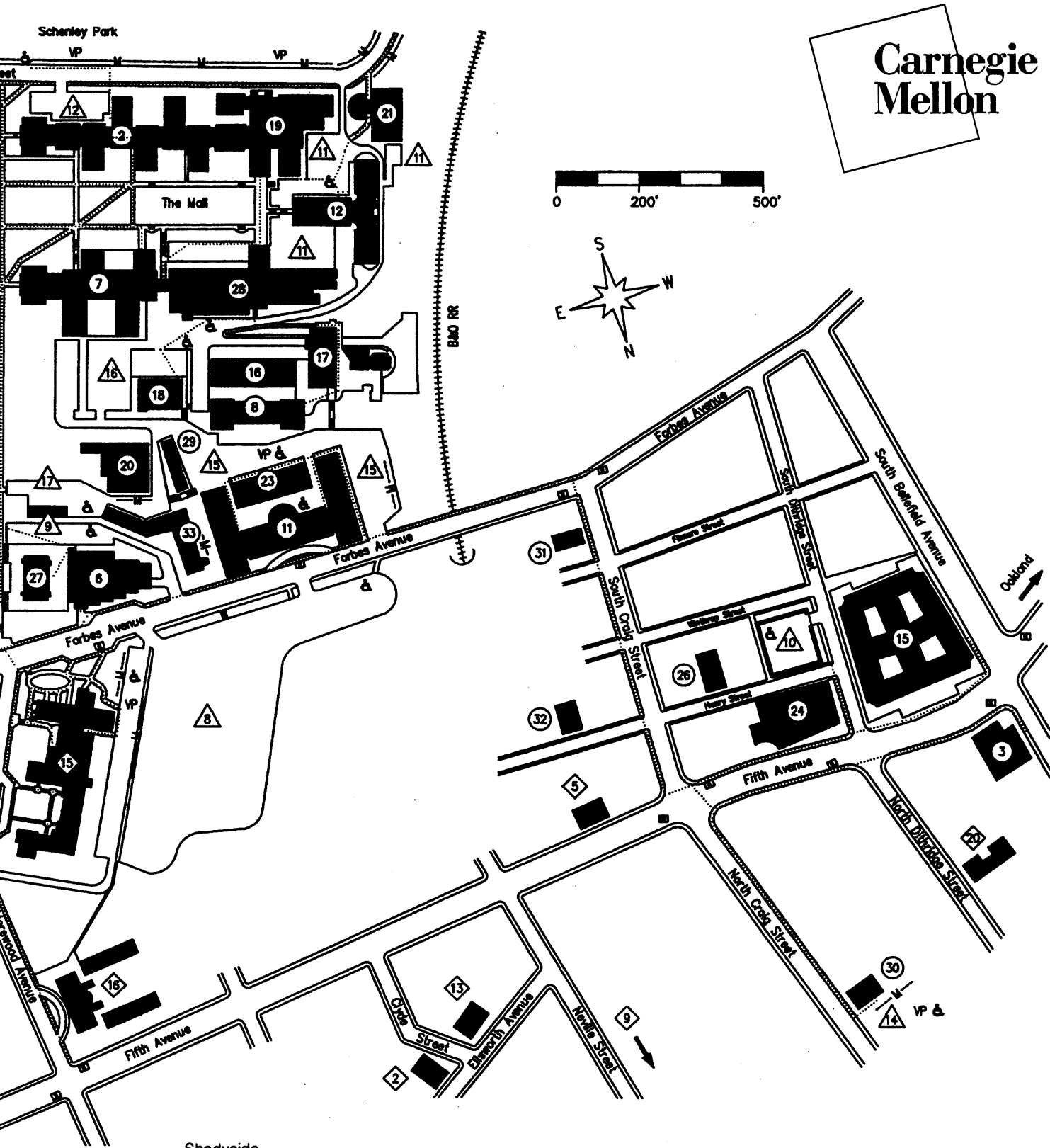
Services

Office of Admission – Warner Hall
 Housing Office – Morewood Gardens
 Security – Baker Hall

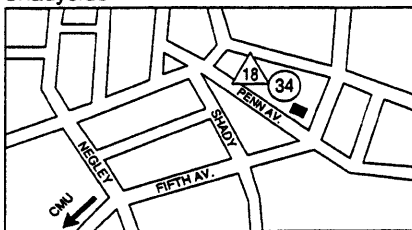
Information is available in the Office of Student Affairs, Warner Hall and at four campus Kiosks: Warner Hall lobby, the Student Center, Morewood Gardens lobby and Hunt Institute.



Carnegie Mellon



Shadyside



Carnegie Mellon University Campus Map 1994

APPENDIX

I. COLLEGE AND DEPARTMENT LISTING

<u>College</u>	<u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>	
CARNEGIE INSTITUTE OF TECHNOLOGY	Biomedical Engineering	Biomedical E.	Undergraduate and Graduate college.	
	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.		
	Materials Science and Engineering	MSE		
	Engineering Design Research Center	EDRC		Research Center
	ADDITIONAL UNITS:			
Nuclear Engineering	Nuclear E.	This is no longer formally a department, but a few students are still finishing or graduating from the program.		
No Major Department	No Major Dept.	Students do not declare majors until their sophomore year.		
Interdisciplinary	Interdiscp.	Interdisciplinary units are jointly taught among departments.		
Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the the Dean's office.		
University Choice Program	Univ. Choice			
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.		
Humanities and Arts	BHA MAM	Students may now participate in a degree program combining humanities and arts curriculum		
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES		H&SS	Undergraduate and graduate college.	
	English History Modern Languages Philosophy Psychology Social and Decision Sciences Statistics			
		S & D S.		

<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.
	Industrial Management in H&SS	IM - H&SS	Some freshmen and sophomores take the H&SS core before being accepted into the IM major.
	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.
	University Choice Program	Univ. Choice	
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.
	University Choice Program	Univ. Choice	
SCHOOL OF COMPUTER SCIENCE		SCS	Undergraduate and graduate college.
	Computer Science	Comp. Sci.	
	Robotics	Rob	
	Center for Machine Translation	CMT	Research Center
	Information Technology Center	ITC	Research Center
	Software Engineering	SE	
GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION		GSIA	Graduate College.
ADDITIONAL UNITS			
	Economics		Most Economics courses are taught by GSIA faculty.
	Industrial Management	IM	Most IM courses are taught by GSIA faculty.
THE HEINZ SCHOOL		HNZ	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 any Department or College (see Students section).

II. TIME PERIODS

Fall Semester	Data are as of the 15th day 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. DEFINITION OF TERMS

STUDENTS

FRESHMEN

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

Competing Schools: The top 15 schools to which students admitted to Carnegie Mellon also submitted applications. The source of this data is the Admissions Office Admitted Student Questionnaire.

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

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

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 total units taught by a department is calculated by summing the units taken by each student for each course taught by 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 Emeriti, 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 faculty 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
CFA	College of Fine Arts
CYH	Cyert Hall
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
SCRG	407 South Craig
SH	Scaife Hall
SKIBO	Skibo
WEH	Wean Hall
WH	Warner Hall
WHIT	Whitfield Hall