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**Peer Comparisons** 

Carnegie Mellon University comparison to Average Peer

California Institute of Technology comparison to Carnegie Mellon University

Cornell University comparison to Carnegie Mellon University

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Rice University comparison to Carnegie Mellon University

Stanford University comparison to Carnegie Mellon University

Washington University in St. Louis comparison to Carnegie Mellon University

#### **Peer Comparisons**

#### **Data Sources:**

IPEDS: National Center for Education Statistics Integrated Postsecondary Education Data System

NACUBO: National Association of College and University Business Officers

U.S. News & World Report: U.S. News & World Report's "America's Best Colleges"

#### **Peer Institution List:**

The following list of schools was selected by executive administration for benchmarking purposes:

California Institute of Technology (Cal Tech)
Cornell University (Cornell)
Duke University (Duke)
Emory University (Emory)
Georgia Institute of Technology (Georgia Tech)
Massachusetts Institute of Technology (MIT)
Northwestern University (Northwestern)
University of Pennsylvania (Penn)
Princeton University (Princeton)
Rensselaer Polytechnic Institute (RPI)
Rice University (Rice)
Stanford University (Stanford)
Washington University in St. Louis (Washington)

#### **Definitions:**

Degree Disciplines: All degree disciplines are categorized according to their Classification of Instructional Programs (CIP) code

Arts: Includes Architecture and related services; visual and performing arts

Business: Includes business, management, marketing, and related support services

Computer and Information Sciences (CIS): Includes computer and information sciences and support services

Engineering: Includes engineering; engineering technologies/technicians

Humanities and Social Sciences: Includes area, ethnic, cultural, and gender studies; communication, journalism, and related programs; communications technologies/technicians and support services; foreign languages, literatures, and linguistics; English language and literature/letters; liberal arts and sciences, general studies and humanities; philosophy and religious studies; theology and religious vocations; psychology; social sciences; history

Mathematics: Includes biological and biomedical sciences; mathematics and statistics; physical sciences

Other: Includes agriculture, agriculture operations, and related sciences; natural resources and conservation; personal and culinary services; education; family and consumer sciences/human sciences; legal professions and studies; library science; military technologies; multi/interdisciplinary studies; parks, recreation, leisure, and fitness studies; science technologies/technicians; security and protective services; construction trades; mechanic repair technologies/technicians; precision production; transportation and materials moving; health professions and related clinical sciences

Public Administration: Includes public administration and social services professions

Enrollment: Carnegie Mellon enrollment figures do not include non-United States citizens enrollment per IPEDS reporting guidelines

**Expenditures:** Includes the following institutional expenses: instruction, research, public service, academic support, student services, and institutional support

Federal Grant Aid: Includes grants that were provided by federal agencies such as the U.S. Department of Education, including Title IV Pell Grants and Supplemental Educational Opportunity Grants (SEOGs). Also includes need-based and merit-based educational assistance funds and training vouchers provided from other federal agencies and/or federally-sponsored educational benefits programs, including the Veteran's Administration, Department of Labor, etc.

First-time, First-year Retention Rate: The percent of first-year students who return for their second year

**Institutional Grant Aid:** Includes scholarships and fellowships that were granted and funded by the institution and/or individual departments within the institution (and are limited to students attending the institution). Also includes tuition and fee waivers granted by the institution (for which the institution is not reimbursed from another source). These would include scholarships targeted to certain groups of individuals (from a particular state or studying a certain subject) for which the institution designated the recipient; athletic scholarships; etc.

SAT 25th-75th Percentile Range: The SAT scores for the middle 50% of first-time, first-year students

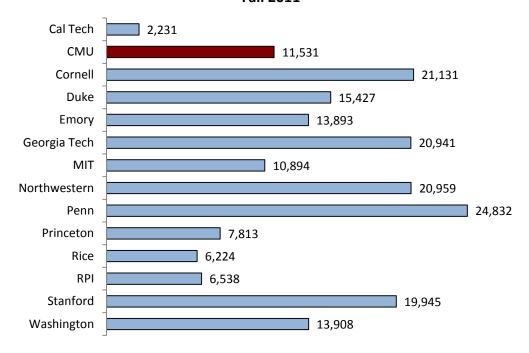
Six-year Graduation Rate: The percent of first-time first-year students who graduate within six years

**State/Local Grant Aid:** Includes grants that were provided by the state such as Leveraging Educational Assistance Partnerships (LEAP) (formerly SSIGs). Also includes merit scholarships that were provided by the state and tuition and fee waivers for which the institution was reimbursed by a state agency. Local grants would include any local government grants, scholarships, or gift-aid that are awarded directly to the student.

**Student Loan Aid:** Includes all Title IV subsidized and unsubsidized loans made directly to students and for which the student is the designated borrower. (Include Perkins Loans made to students.) Excludes PLUS and other loans made directly to parents and for which the parent is the designated borrower. Also includes all institutionally- and privately-sponsored loans made to students, for which the student is the designated borrower (as long as the funds pass through the financial aid office).

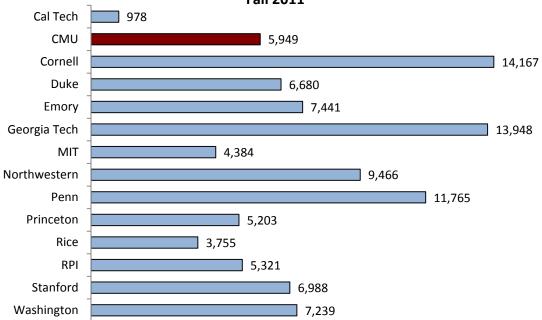
**Student to Faculty Ratio:** The total full-time equivalent (FTE) enrollment of students divided by the total full-time equivalent (FTE) of instructional faculty. For this calculation, FTE is equal to full-time headcount plus one-third part-time headcount.

Total Enrollment Fall 2011

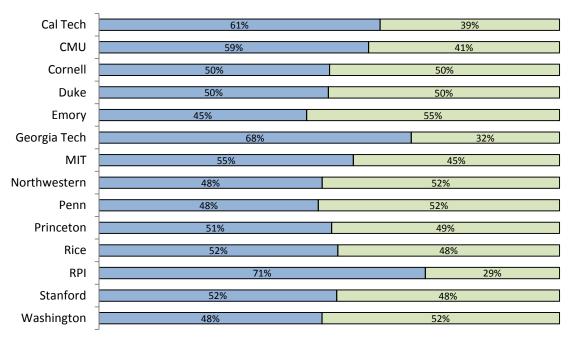


Source: IPEDS





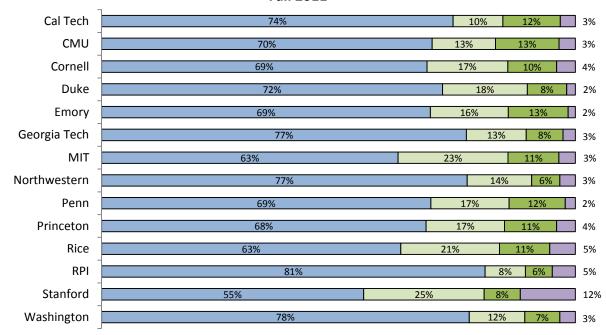
# Undergraduate Enrollment by Gender Fall 2011



■Men ■Women

Source: IPEDS

# Undergraduate Enrollment by Race and Citizenship Fall 2011

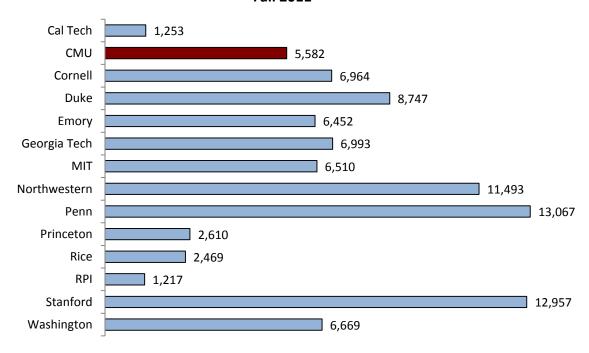


■ % U.S. Citizen (White, Asian, and race not reported)

□% U.S. Citizen (Black, Hispanic, Pacific Islander/Native Hawaiian, and American Indian/Alaska Native)

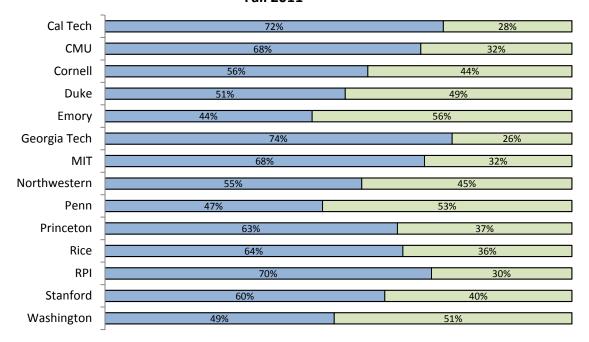
■% International

# Graduate Enrollment Fall 2011



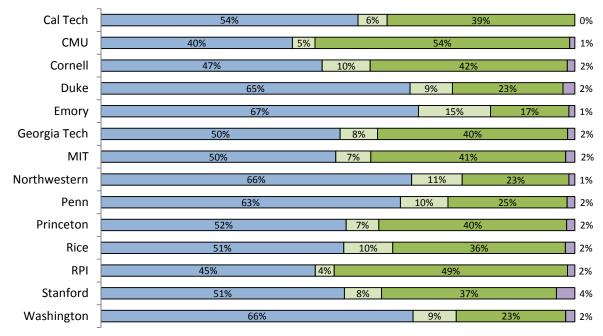
Source: IPEDS

# Graduate Enrollment by Gender Fall 2011



Source: IPEDS □ Men □ Women

# Graduate Enrollment by Race and Citizenship Fall 2011

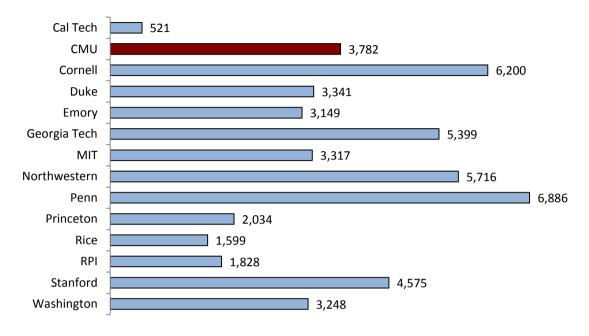


■% U.S. Citizen (White, Asian, and race not reported)

□% U.S. Citizen (Black, Hispanic, Pacific Islander/Native Hawaiian, and American Indian/Alaska Native)

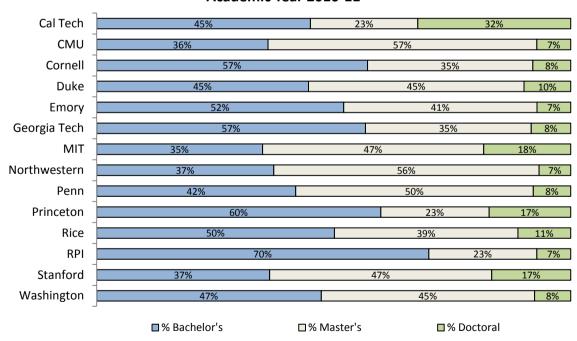
■% International

Total Bachelor's, Master's, and Doctoral Degrees Awarded
Academic Year 2010-11



Source: IPEDS

Total Degrees Awarded by Level Academic Year 2010-11



# Bachelor's Degrees Awarded by Discipline Academic Year 2010-11

	Arts	Eng	Public	Hum and	Math and	CIS	Business	Other	Total
			Admin	Soc Sci	Sci				
Cal Tech	0%	41%	0%	1%	44%	11%	1%	0%	235
CMU	16%	24%	1%	13%	16%	13%	8%	10%	1,367
Cornell	7%	18%	2%	20%	17%	3%	14%	19%	3,542
Duke	3%	18%	12%	46%	19%	2%	0%	2%	1,493
Emory	2%	0%	0%	46%	21%	0%	18%	12%	1,641
Georgia Tech	5%	57%	1%	6%	8%	6%	14%	3%	3,062
MIT	3%	44%	0%	7%	24%	14%	5%	3%	1,161
Northwestern	10%	15%	3%	56%	11%	1%	1%	3%	2,135
Penn	3%	9%	0%	39%	12%	3%	22%	12%	2,891
Princeton	5%	17%	7%	52%	20%	0%	0%	0%	1,219
Rice	12%	22%	0%	41%	21%	2%	0%	3%	802
RPI	6%	58%	0%	5%	12%	9%	8%	2%	1,281
Stanford	3%	19%	2%	40%	15%	5%	0%	16%	1,670
Washington	10%	14%	0%	40%	17%	3%	11%	5%	1,539

Arts - Architecture and Visual and Performing Arts

Eng - Engineering

Public Admin - Public Administration and Social Services

Hum and Soc Sci - Humanities and Social Sciences

Math and Sci - Mathematics, Statistics, Biological, and Physical Sciences

CIS - Computer and Information Sciences

Business - Business Management, Marketing, and Related Support Services

Master's Degrees Awarded by Discipline Academic Year 2010-11

	Arts	Eng	Public	Hum and	Math and	CIS	Business	Other	Total
			Admin	Soc Sci	Sci				
Cal Tech	0%	66%	0%	3%	28%	3%	0%	0%	118
СМИ	7%	25%	10%	3%	4%	27%	20%	3%	2,145
Cornell	6%	29%	6%	6%	6%	7%	31%	10%	2,163
Duke	1%	16%	3%	13%	18%	1%	46%	3%	1,519
Emory	1%	0%	0%	14%	11%	1%	33%	41%	1,284
Georgia Tech	10%	49%	1%	3%	5%	15%	16%	2%	1,888
MIT	9%	40%	0%	3%	1%	8%	38%	0%	1,547
Northwestern	3%	9%	2%	18%	3%	2%	44%	19%	3,199
Penn	8%	6%	7%	9%	6%	3%	29%	33%	3,452
Princeton	10%	20%	20%	31%	15%	0%	4%	0%	465
Rice	11%	11%	0%	9%	14%	2%	49%	3%	619
RPI	5%	38%	0%	2%	11%	12%	27%	6%	416
Stanford	1%	39%	1%	11%	10%	7%	21%	10%	2,143
Washington	9%	10%	16%	7%	7%	4%	32%	15%	1,461

Arts - Architecture and Visual and Performing Arts

Eng - Engineering

Public Admin - Public Administration and Social Services

Hum and Soc Sci - Humanities and Social Sciences

Math and Sci - Mathematics, Statistics, Biological, and Physical Sciences

CIS - Computer and Information Sciences

Business - Business Management, Marketing, and Related Support Services

# Doctoral Degrees Awarded by Discipline Academic Year 2010-11

	Arts	Eng	Public	Hum and	Math and	CIS	Business	Other	Total
			Admin	Soc Sci	Sci				
Cal Tech	0%	37%	0%	1%	60%	2%	0%	0%	168
CMU	1%	43%	1%	6%	23%	19%	5%	1%	270
Cornell	4%	22%	0%	21%	33%	3%	3%	14%	495
Duke	2%	20%	0%	22%	32%	2%	4%	18%	329
Emory	0%	7%	0%	37%	44%	0%	2%	9%	224
Georgia Tech	3%	65%	2%	2%	19%	7%	2%	0%	449
MIT	3%	48%	0%	10%	30%	5%	2%	2%	609
Northwestern	7%	24%	0%	24%	37%	1%	5%	3%	382
Penn	3%	10%	3%	26%	33%	2%	3%	20%	543
Princeton	7%	26%	3%	33%	31%	0%	0%	0%	350
Rice	3%	35%	0%	21%	36%	5%	0%	0%	178
RPI	3%	54%	0%	6%	27%	5%	2%	4%	131
Stanford	1%	31%	0%	17%	32%	3%	2%	13%	762
Washington	2%	12%	3%	26%	46%	2%	5%	3%	248

Arts - Architecture and Visual and Performing Arts

Eng - Engineering

Public Admin - Public Administration and Social Services

Hum and Soc Sci - Humanities and Social Sciences

Math and Sci - Mathematics, Statistics, Biological, and Physical Sciences

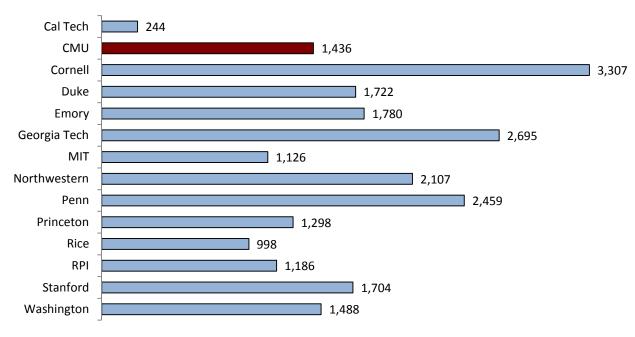
CIS - Computer and Information Sciences

Business - Business Management, Marketing, and Related Support Services

Source: IPEDS

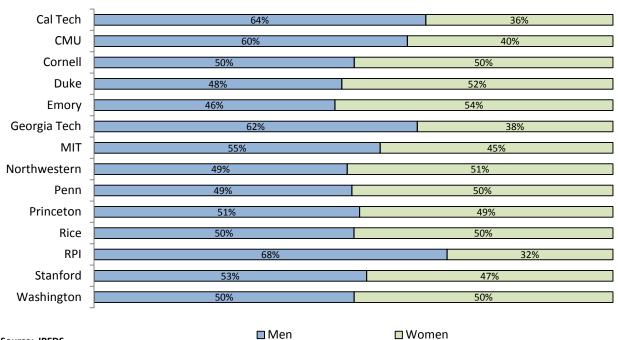
Doctoral degrees include only research degrees and do not include professional degrees

#### First-time, First-year Enrollment Fall 2011

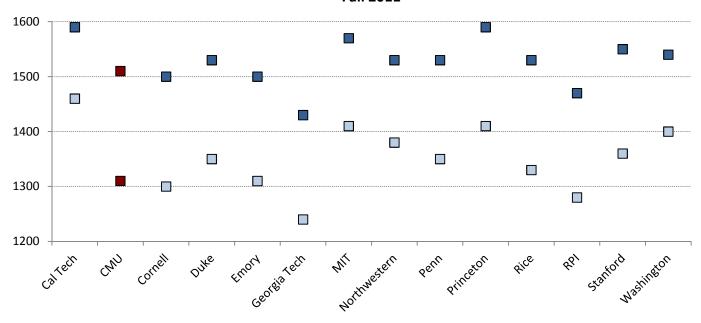


Source: IPEDS

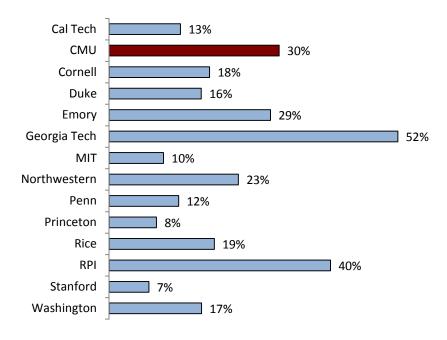
#### First-time, First-year Enrollment by Gender Fall 2011



# Combined SAT Critical Reading and Mathematics 25th and 75th Percentiles Fall 2011

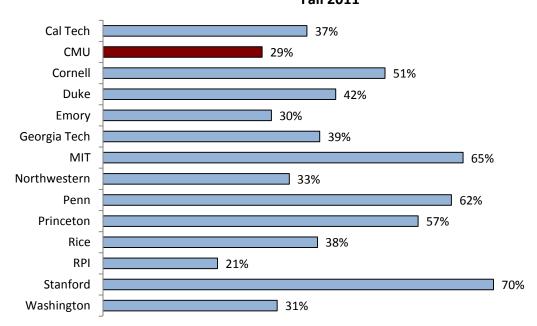


# Acceptance Rate Fall 2011

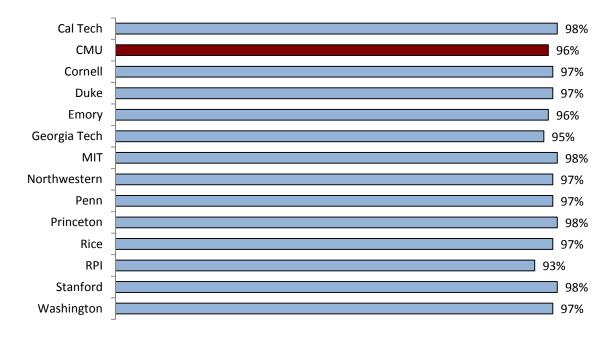


Source: IPEDS

First-Time, First-year Yield Fall 2011

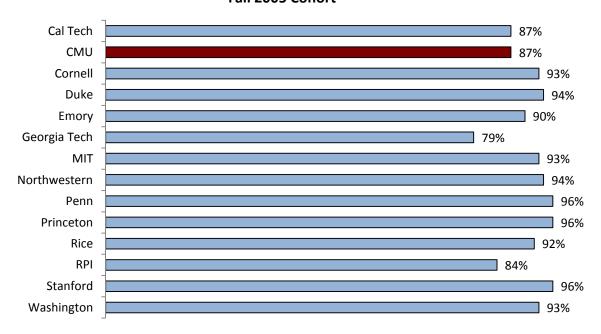


# First-year Retention Rate Fall 2010 Cohort

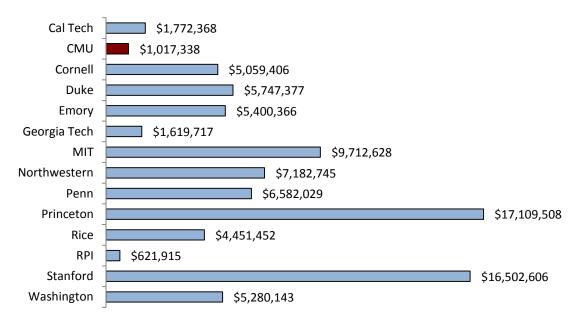


Source: IPEDS

# Six-year Graduation Rate Fall 2005 Cohort

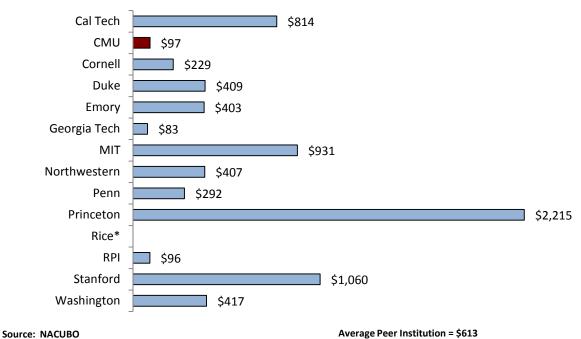


#### **University Endowment Funds (\$000)** Fiscal Year 2011



Source: NACUBO Average Peer Institution = \$6,695,558

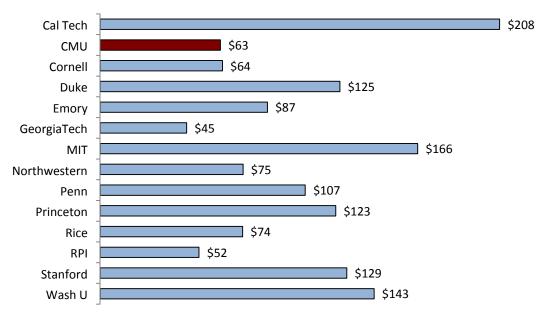
#### **University Endowment Funds per FTE Student (\$000)** Fiscal Year 2011



\* Not reported to NACUBO

Average Peer Institution = \$613

#### Expenditures per FTE Student (\$000) Fiscal Year 2011



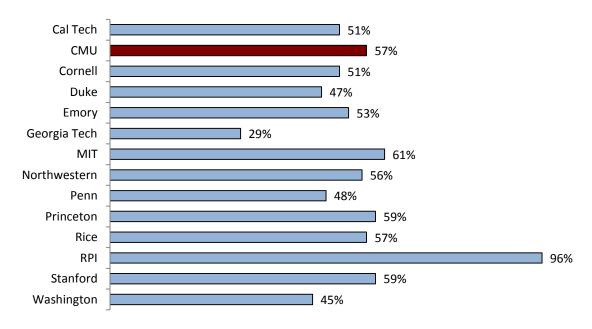
Source: IPEDS Average Peer Institution = \$107

#### Tuition, Fees, Room, and Board Academic Year 2012-2013



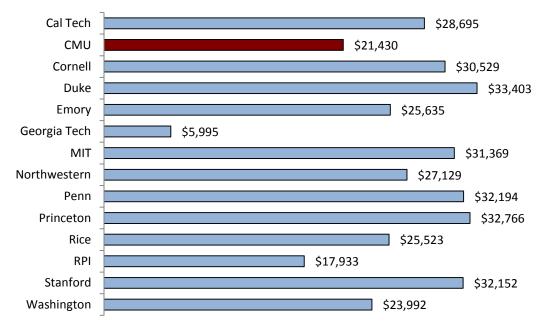
Source: Institution Websites Average Peer Institution = \$53,342

Percent of Full-time, First-Time Students Receiving Institutional Grant Aid Fall 2010 Cohort

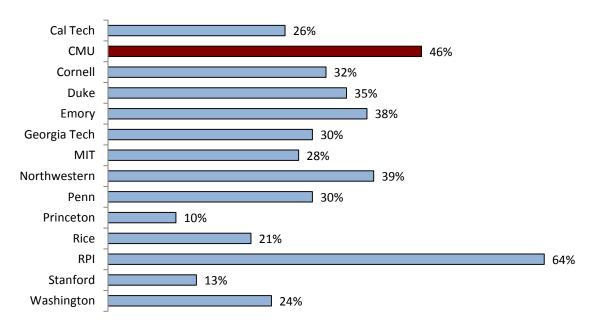


Source: IPEDS

Average Amount of Institutional Grant Aid Received Fall 2010 Cohort

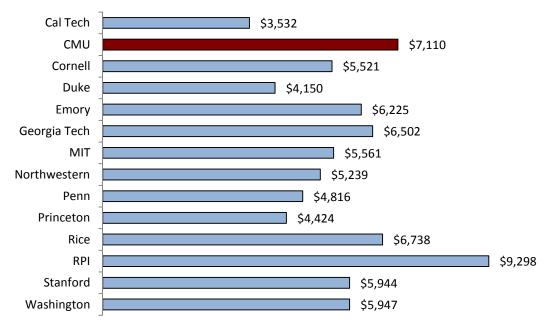


# Percent of Full-time, First-time Students Receiving Loan Aid Fall 2010 Cohort



Source: IPEDS

# Average Amount of Student Loan Aid Received Fall 2010 Cohort



### Carnegie Mellon University (CMU)

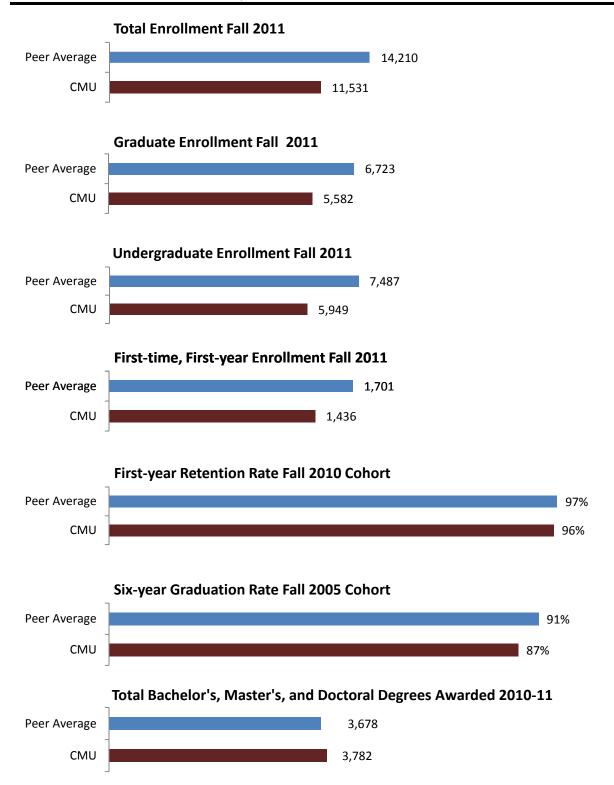
Location: Pittsburgh, Pennsylvania

Established: 1900

Institutional Data: http://www.cmu.edu/ira

Tuition, Fees, Room, and Board: \$57,310

Student to Faculty Ratio: 12:1

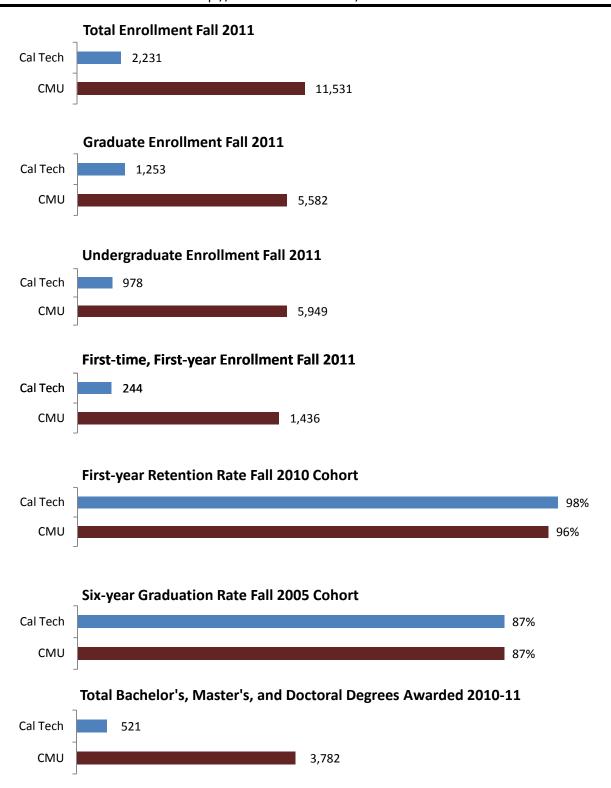


### California Institute of Technology (Cal Tech)

Location: Pasadena, California Tuition, Fees, Room, and Board: \$51,670

Established: 1891 Student to Faculty Ratio: 3:1

Institutional Data: http://www.iro.caltech.edu/

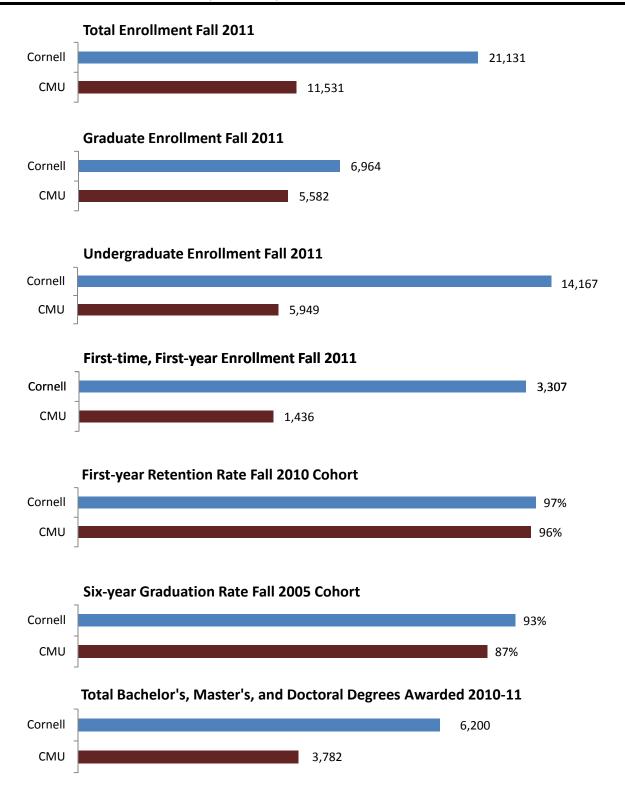


### Cornell University (Cornell)

Location: Ithaca, New York Tuition, Fees, Room, and Board: \$57,091

Established: 1865 Student to Faculty Ratio: 12:1

Institutional Data: http://www.dpb.cornell.edu/



### **Duke University (Duke)**

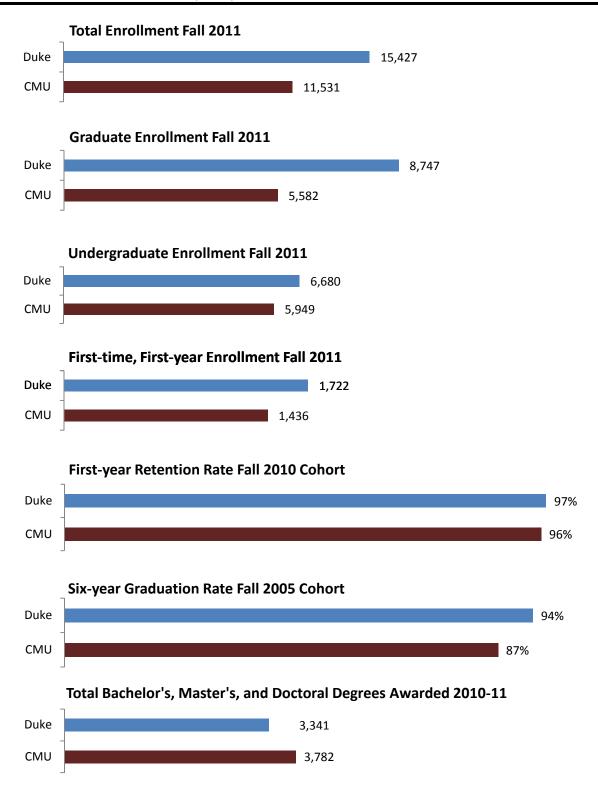
Location: Durham, North Carolina

Established: 1838

Tuition, Fees, Room, and Board: \$55,871

Student to Faculty Ratio: 7:1

Institutional Data: http://ir.provost.duke.edu/

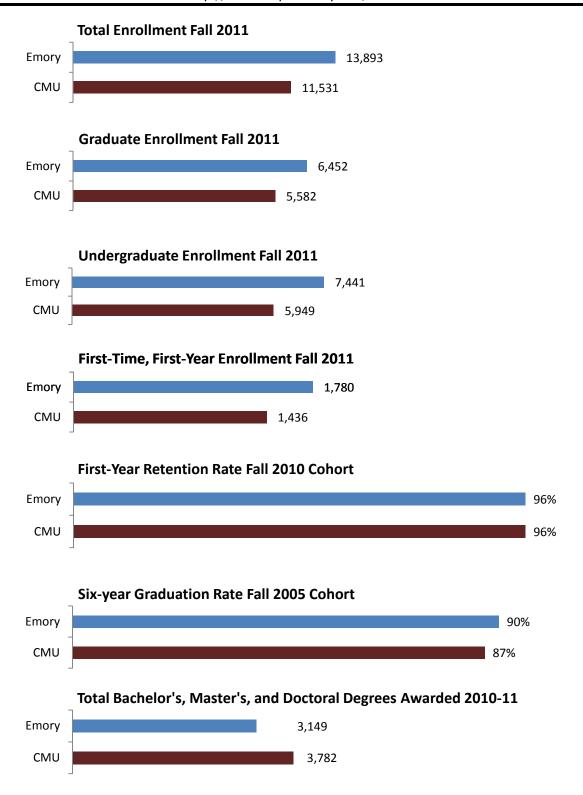


### **Emory University (Emory)**

Location: Atlanta, Georgia Tuition, Fees, Room, and Board: \$54,980

Established: 1836 Student to Faculty Ratio: 7:1

Institutional Data: http://www.oirpe.emory.edu/index.html

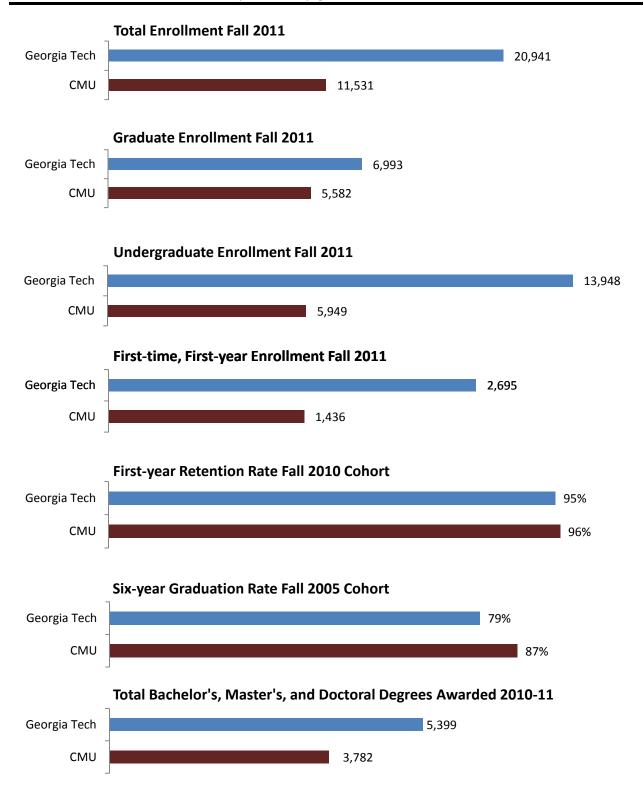


### Georgia Institute of Technology (Georgia Tech)

Location: Atlanta, Georgia Tuition, Fees, Room, and Board: \$38,638

Established: 1885 Student to Faculty Ratio: 17:1

Institutional Data: http://www.irp.gatech.edu/



### Massachusetts Institute of Technology (MIT)

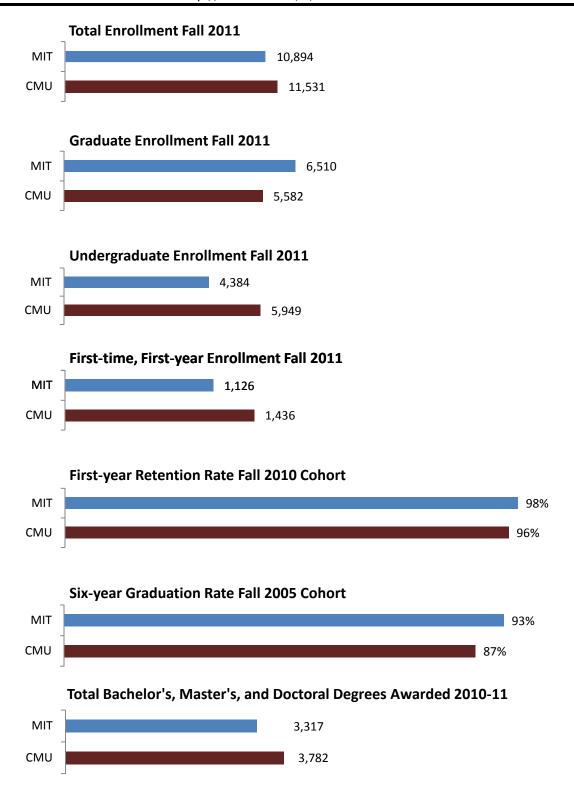
Location: Cambridge, Massachusetts

Established: 1861

Institutional Data: http://web.mit.edu/ir/

Tuition, Fees, Room, and Board: \$54,238

Student to Faculty Ratio: 8:1

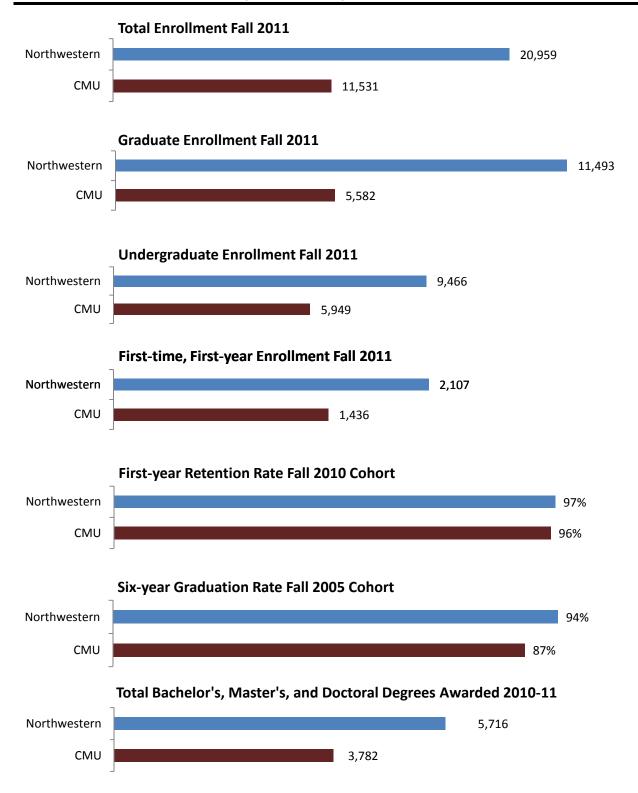


### Northwestern University (Northwestern)

Location: Evanston, Illinois Tuition, Fees, Room, and Board: \$57,108

Established: 1851 Student to Faculty Ratio: 7:1

Institutional Data: http://www.adminplan.northwestern.edu/ir/

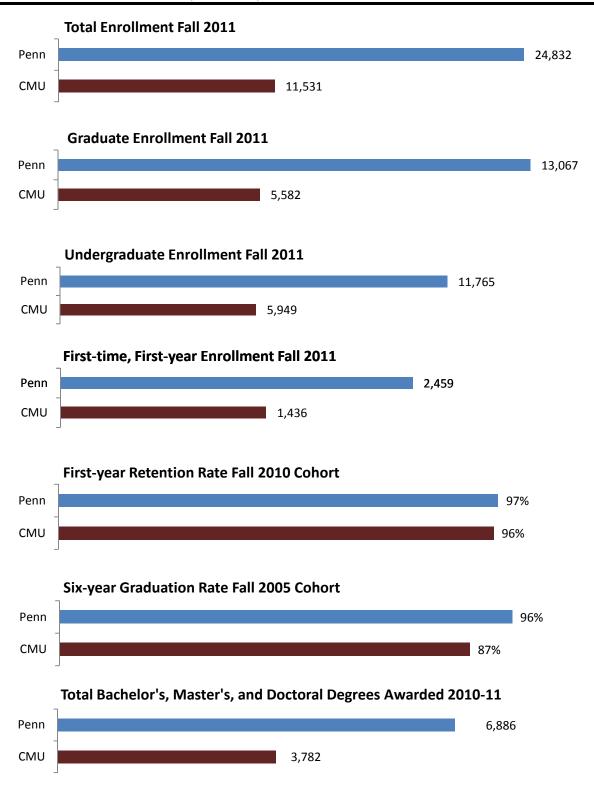


### University of Pennsylvania (Penn)

Location: Philadelphia, Pennsylvania Tuition, Fees, Room, and Board: \$56,106

Established: 1740 Student to Faculty Ratio: 6:1

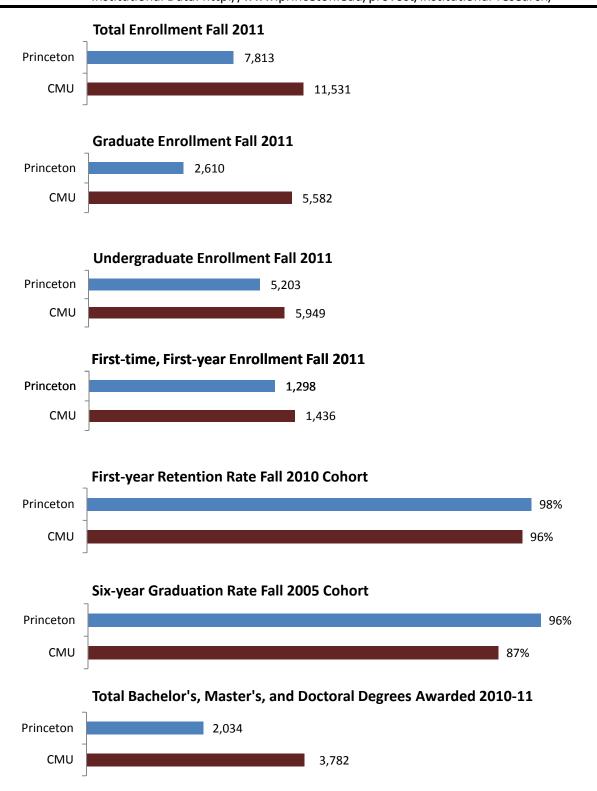
Institutional Data: http://www.upenn.edu/ir/



### **Princeton University (Princeton)**

Location: Princeton, New Jersey Tuition, Fees, Room, and Board: \$51,280

Established: 1746 Student to Faculty Ratio: 6:1 Institutional Data: http://www.princeton.edu/provost/institutional-research/

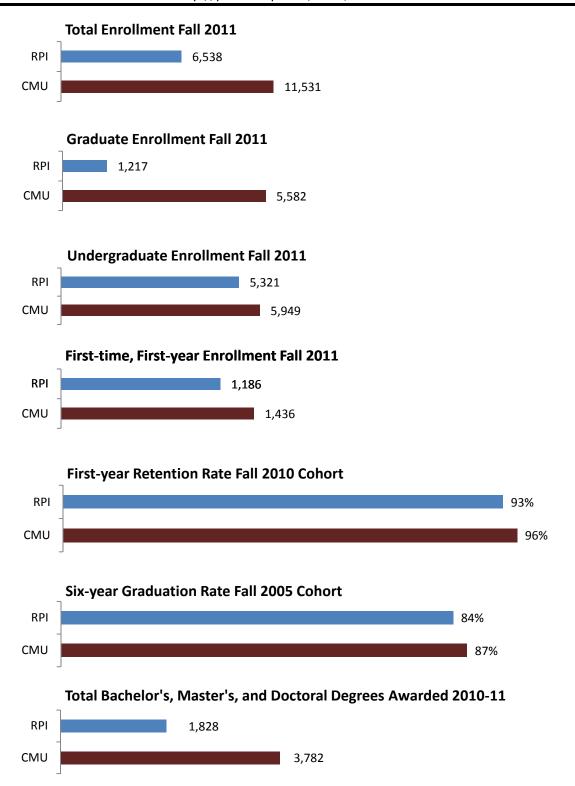


### Rensselaer Polytechnic Institute (RPI)

Location: Troy, New York Tuition, Fees, Room, and Board: \$56,925

Established: 1824 Student to Faculty Ratio: 15:1

Institutional Data: http://provost.rpi.edu/node/88



## Rice University (Rice)

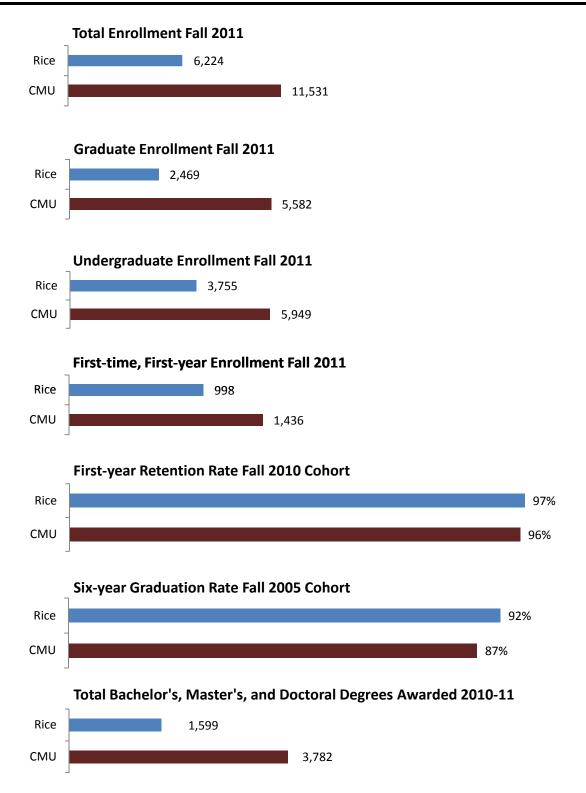
Location: Houston, Texas

Established: 1912

Institutional Data: www.rice.edu/OIR

Tuition, Fees, Room, and Board: \$49,326

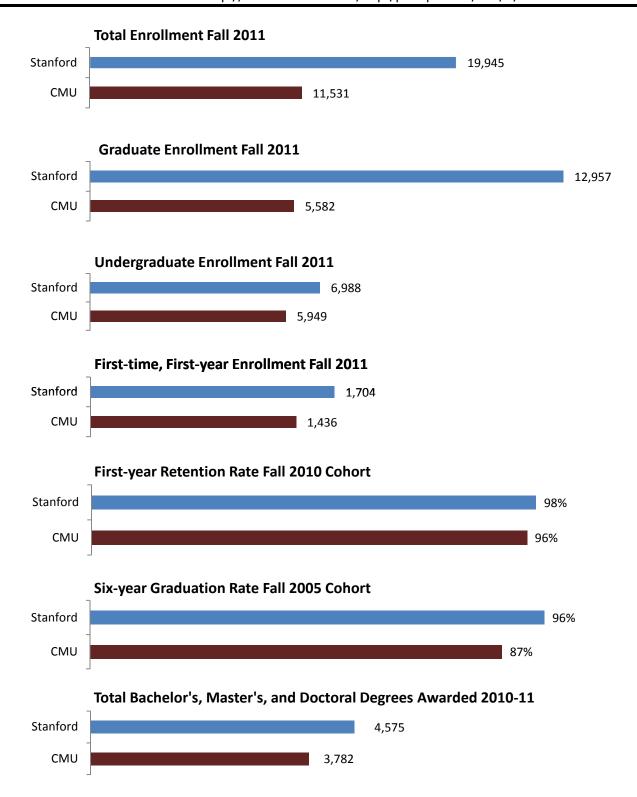
Student to Faculty Ratio: 9:1



### Stanford University (Stanford)

Location: Stanford, California Tuition, Fees, Room, and Board: \$54,171

Established: 1891 Student to Faculty Ratio: 12:1 Institutional Data: http://www.stanford.edu/dept/pres-provost/irds/ir/



### Washington University in St. Louis (Washington)

Location: St. Louis, Missouri

Tuition, Fees, Room, and Board: \$56,043

Established: 1853

Student to Faculty Ratio: 7:1

Institutional Data: http://research.wustl.edu

