

**opendoors** 2006

# **Report on International Educational Exchange**

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**Produced by the Institute of International Education**

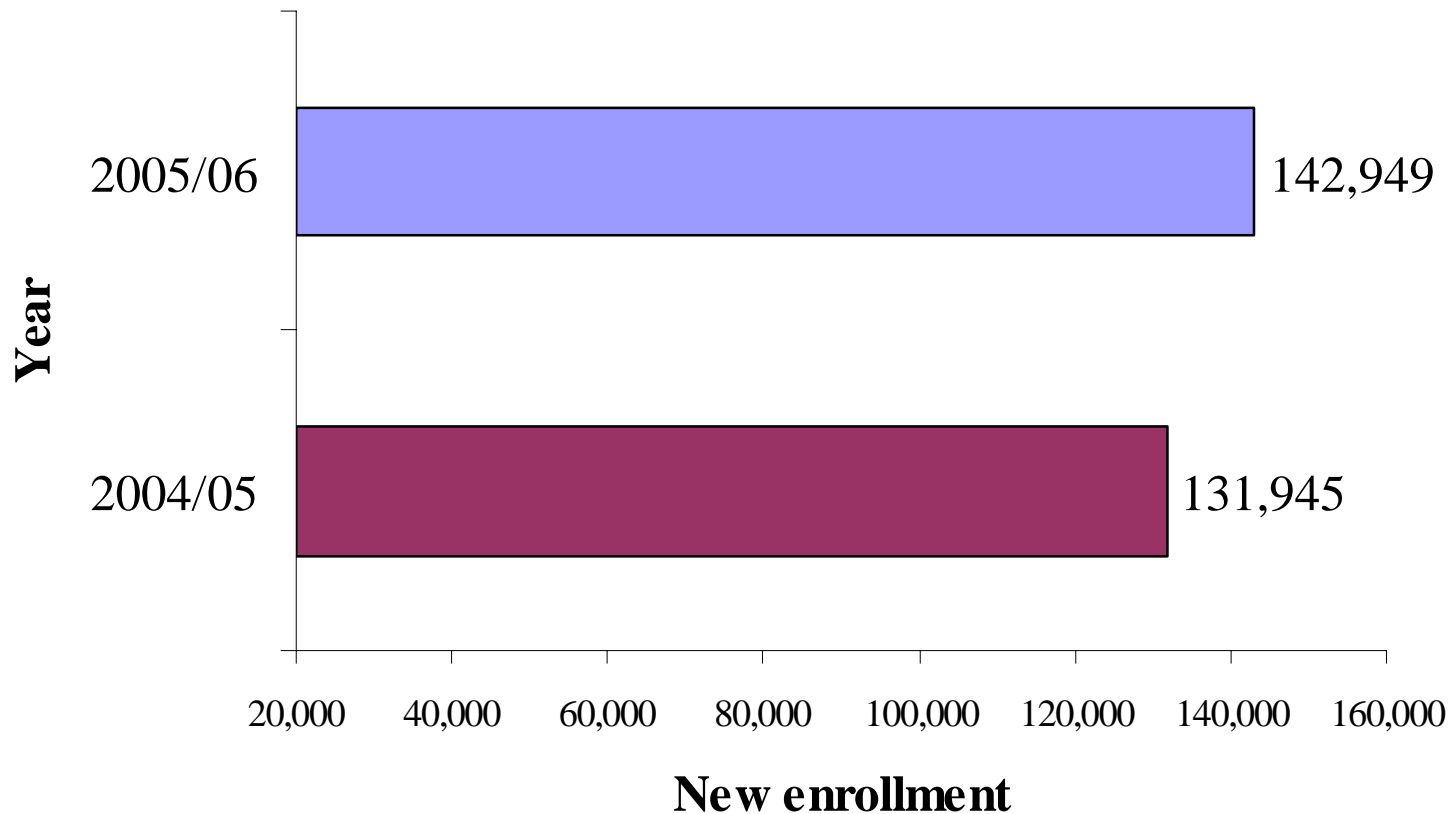
**With support from  
the Bureau of Educational and Cultural Affairs  
of the U.S. Department of State**

**INSTITUTE OF  
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EDUCATION**

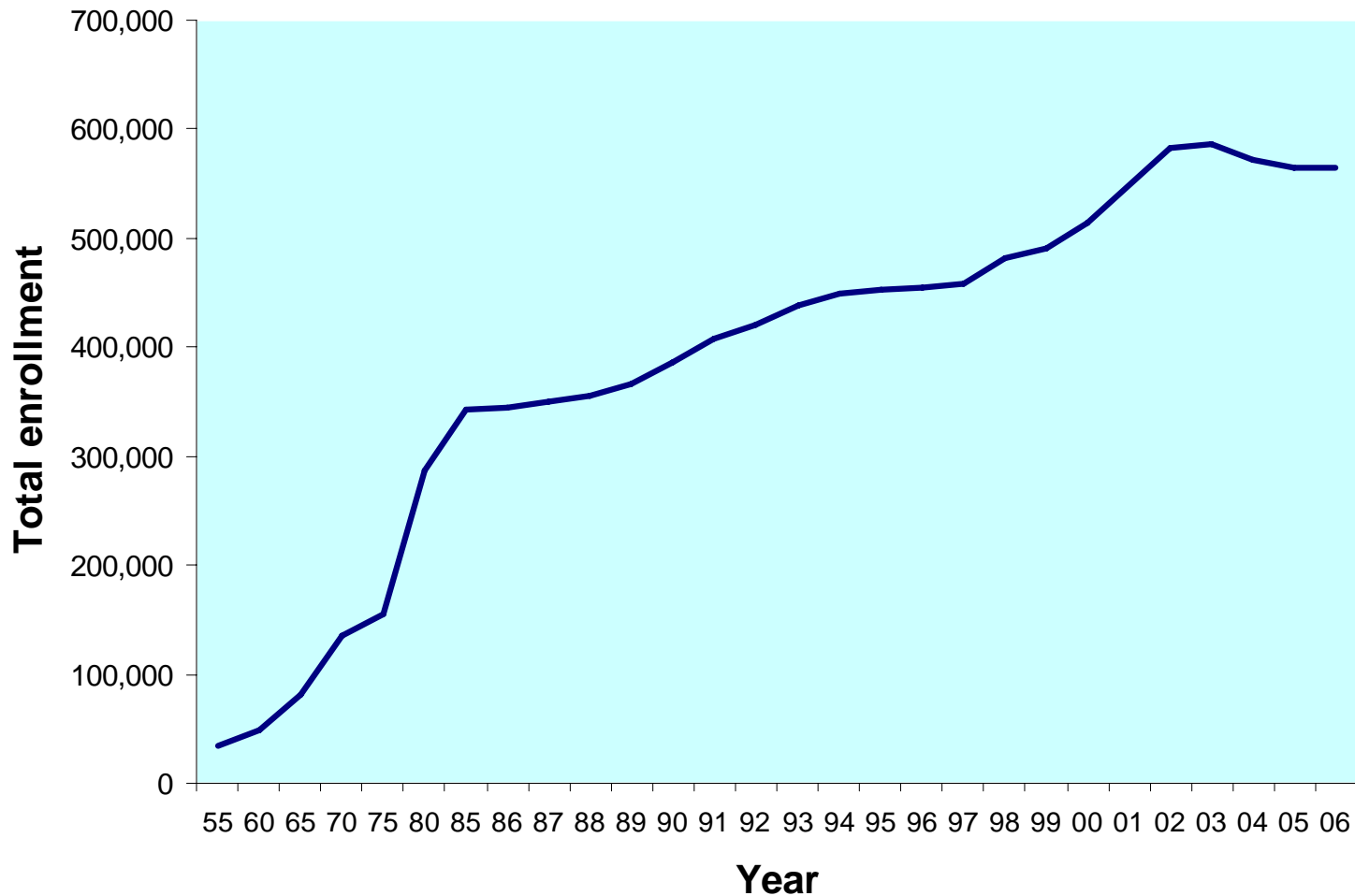
# International Students in the U.S.

- **Annual survey of international students on U.S. campuses**
- **Timeframe: fall of each academic year**
- **New vs. Total enrollment**

➤ **New international students' enrollment increased by 8% between 2004/05 and 2005/06**



➤ **Total enrollment remained virtually flat compared to the previous year: 564,766 international students studied in the U.S. in 2005/06**



# Leading Places of Origin

Rank	Place of Origin	2005/06	% of Total	% Change from 2004/05
	<b>WORLD TOTAL</b>	<b>564,766</b>	<b>100</b>	<b>-0.05</b>
<b>1</b>	<b>India</b>	<b>76,503</b>	<b>13.5</b>	<b>-4.9</b>
<b>2</b>	<b>China</b>	<b>62,582</b>	<b>11.1</b>	<b>0.1</b>
<b>3</b>	<b>Korea, Republic of</b>	<b>58,847</b>	<b>10.4</b>	<b>10.3</b>
<b>4</b>	<b>Japan</b>	<b>38,712</b>	<b>6.9</b>	<b>-8.3</b>
<b>5</b>	<b>Canada</b>	<b>28,202</b>	<b>5.0</b>	<b>0.2</b>
6	Taiwan	27,876	4.9	7.6
7	Mexico	13,931	2.5	6.6
8	Turkey	11,622	2.1	-6.8
9	Germany	8,829	1.6	2.2
10	Thailand	8,765	1.6	1.5
11	United Kingdom	8,274	1.5	0.5
12	Hong Kong	7,849	1.4	9.3
13	Indonesia	7,575	1.3	-2.4
14	Brazil	7,009	1.2	-3.2
15	Colombia	6,835	1.2	-6.8
16	France	6,640	1.2	1.3
17	Kenya	6,559	1.2	-2.5
18	Nigeria	6,192	1.1	-2.3
19	Nepal	6,061	1.1	24.7
20	Pakistan	5,759	1.0	-8.5

- **Leading five places of origin:**  
**47% of all international students**

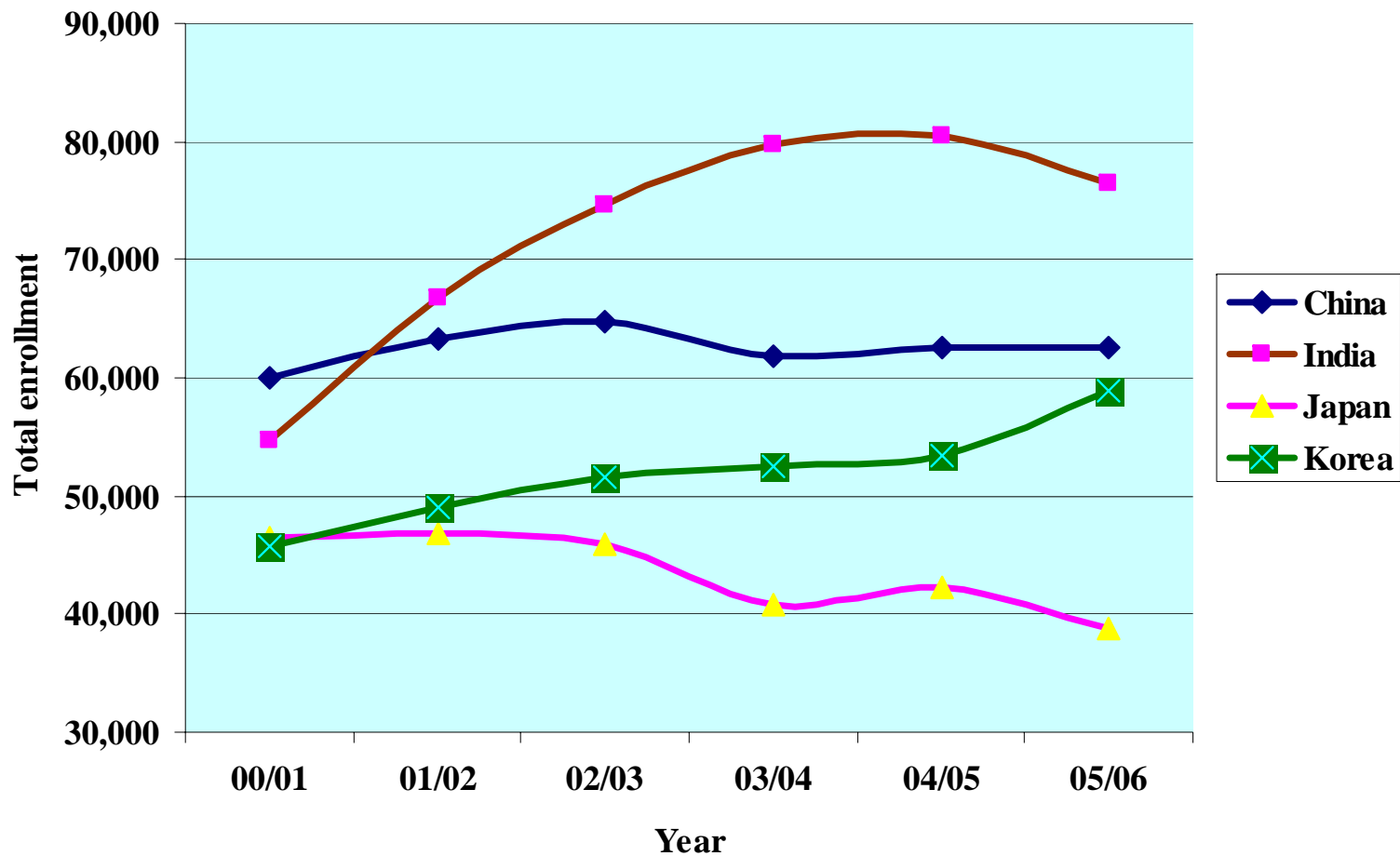
- **Asia:**

- **Four of the leading five**
- **10 of leading 20 places**

- **Places with declines:** **India, Japan, Turkey, Colombia, and Pakistan**

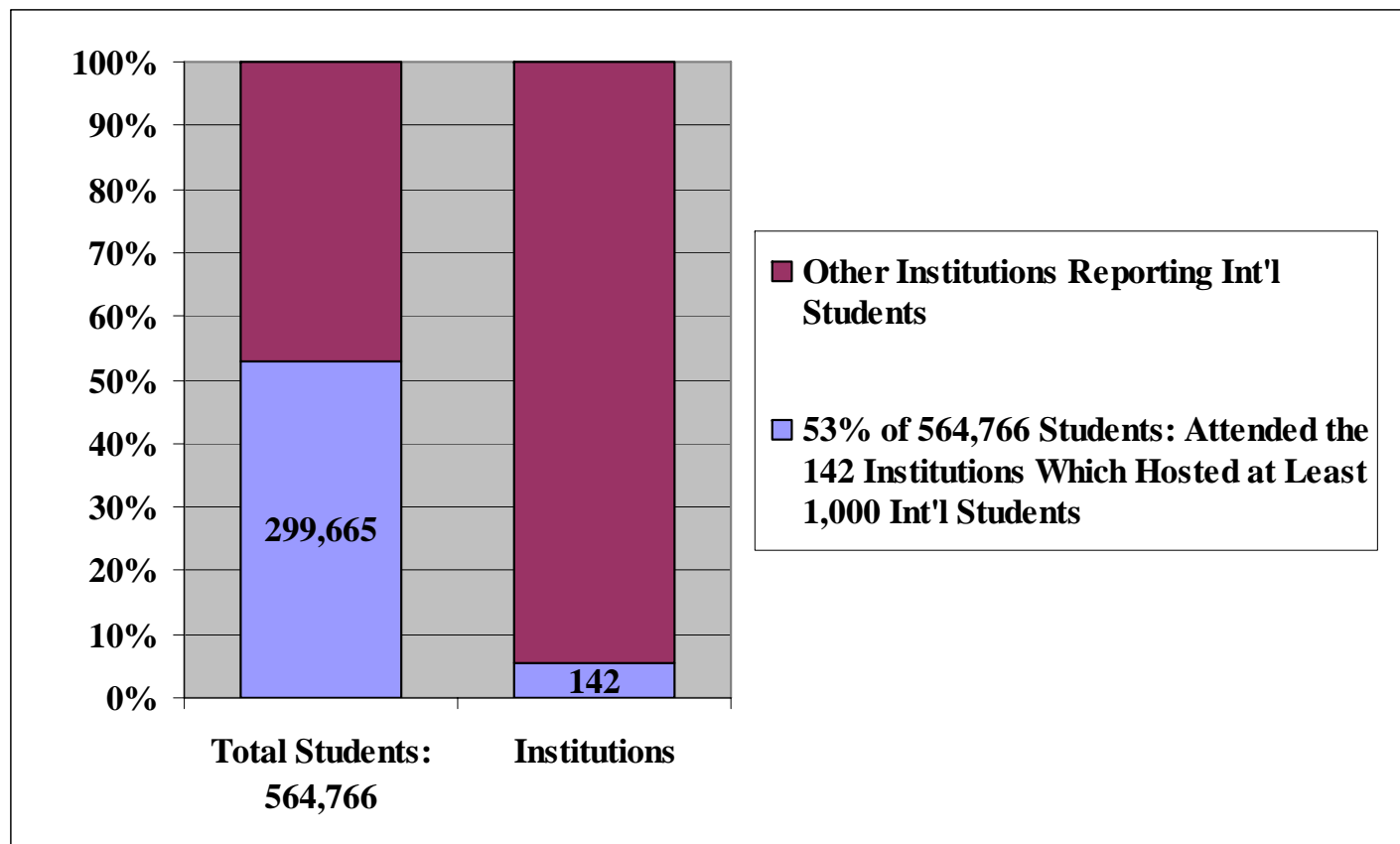
- **Places with increases:** **Korea, Taiwan, Mexico, Hong Kong, and Nepal**

# Leading Places of Origin: Enrollment Trends, 2000/01 to 2004/05



# Where do international students study

- International students in the U.S. study in all regions and states, but tend to be concentrated in a small number of higher education institutions





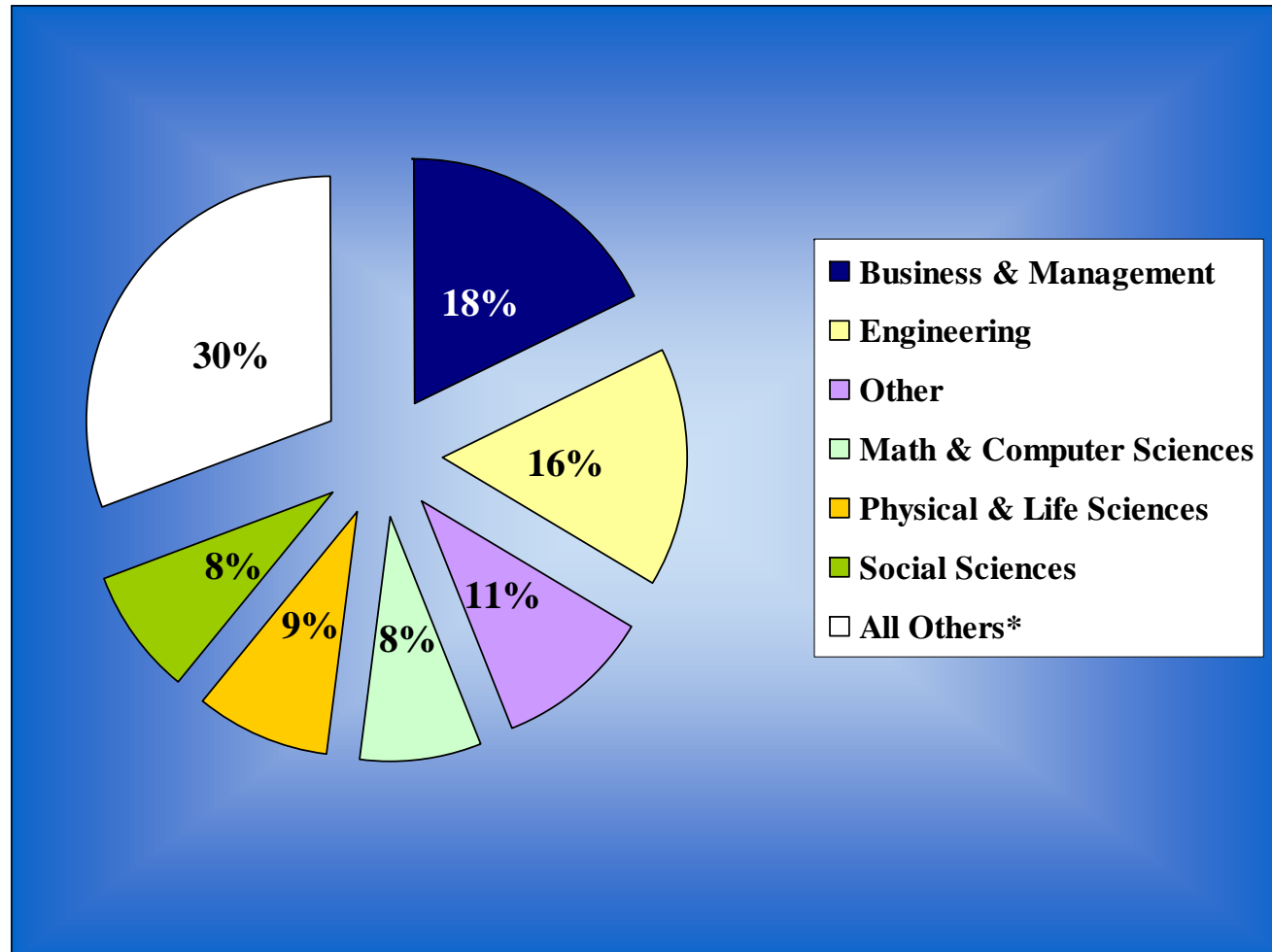
## ➤ Leading Host Institutions, 2005/06

<u>Rank</u>	<u>Institution</u>	<u>City</u>	<u>State</u>	<u>Int'l Students</u>
1	University of Southern California	Los Angeles	CA	6,881
2	Columbia University	New York	NY	5,575
3	Purdue University, Main Campus	West Lafayette	IN	5,540
4	New York University	New York	NY	5,502
5	University of Texas at Austin	Austin	TX	5,395
6	University of Illinois at Urbana-Champaign	Champaign	IL	4,904
7	University of Michigan - Ann Arbor	Ann Arbor	MI	4,649
8	Boston University	Boston	MA	4,542
9	The Ohio State University, Main Campus	Columbus	OH	4,476
10	SUNY - University at Buffalo	Buffalo	NY	4,072
11	University of California - Los Angeles	Los Angeles	CA	3,979
12	University of Florida	Gainesville	FL	3,749
13	Cornell University	Ithaca	NY	3,697
14	University of Pennsylvania	Philadelphia	PA	3,689
15	Harvard University	Cambridge	MA	3,669
16	Texas A&M University	College Station	TX	3,589
17	Indiana University at Bloomington	Bloomington	IN	3,540
18	University of Maryland College Park	College Park	MD	3,476
19	University of Houston	Houston	TX	3,413
20	University of Minnesota - Twin Cities	Minneapolis	MN	3,384
21	University of Wisconsin - Madison	Madison	WI	3,381
22	Michigan State University	East Lansing	MI	3,293
23	Stanford University	Stanford	CA	3,200
24	Penn State University - University Park	University Park	PA	3,199
25	University of Arizona	Tucson	AZ	3,023

# Fields of Study

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- *Business & Management* and *Engineering*, account for 189,341 or 34% of all international students

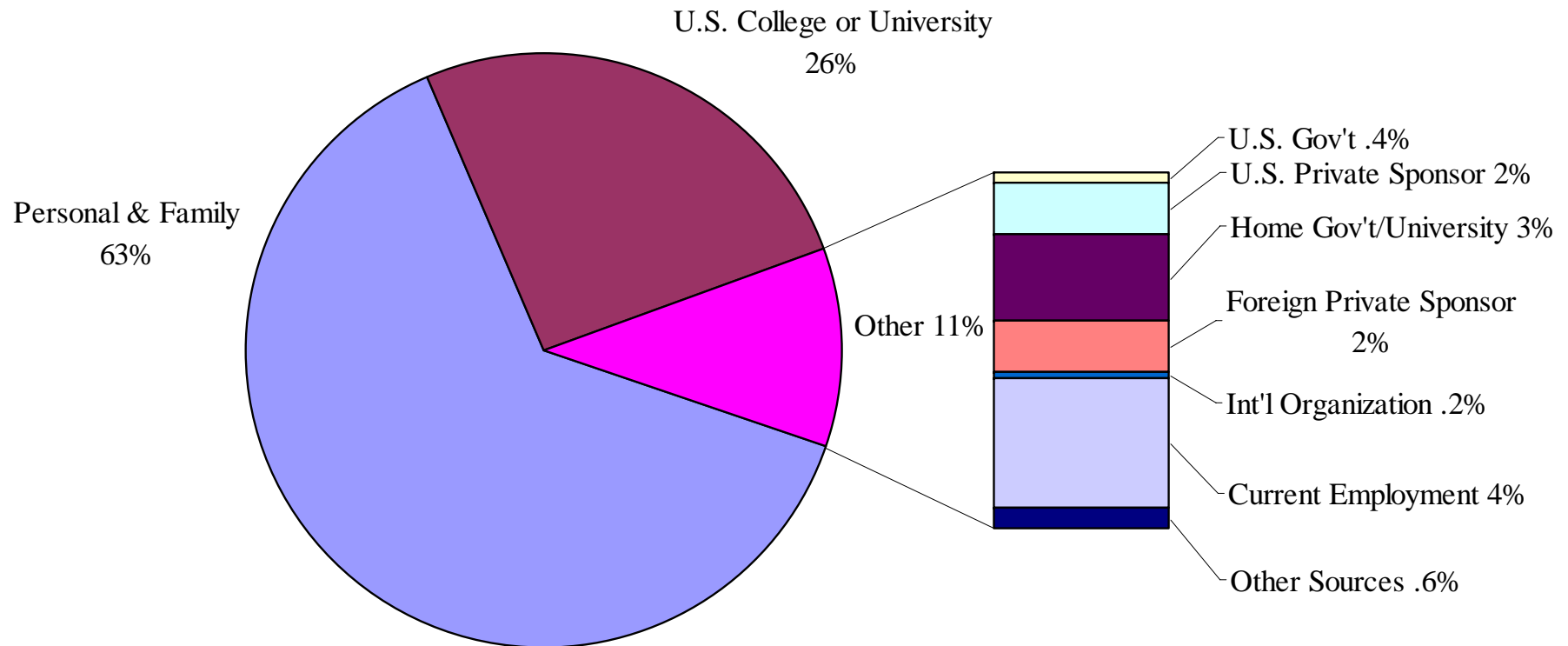


- **Top five fields: *Engineering* declined by 5%, and *Math and Computer Sc.* by 10%**

<b>Field of Study</b>	<b>05/06 Int'l Students</b>	<b>% of Total</b>	<b>% Change (from 04/05)</b>
<b>Business &amp; Management</b>	<b>100,881</b>	<b>17.9</b>	<b>0.8</b>
<b>Engineering</b>	<b>88,460</b>	<b>15.7</b>	<b>-4.8</b>
<b>Physical &amp; Life Sciences</b>	<b>50,168</b>	<b>8.9</b>	<b>1.4</b>
<b>Social Sciences</b>	<b>46,132</b>	<b>8.2</b>	<b>0.1</b>
<b>Mathematics &amp; Computer Sc.</b>	<b>45,518</b>	<b>8.1</b>	<b>-10.3</b>

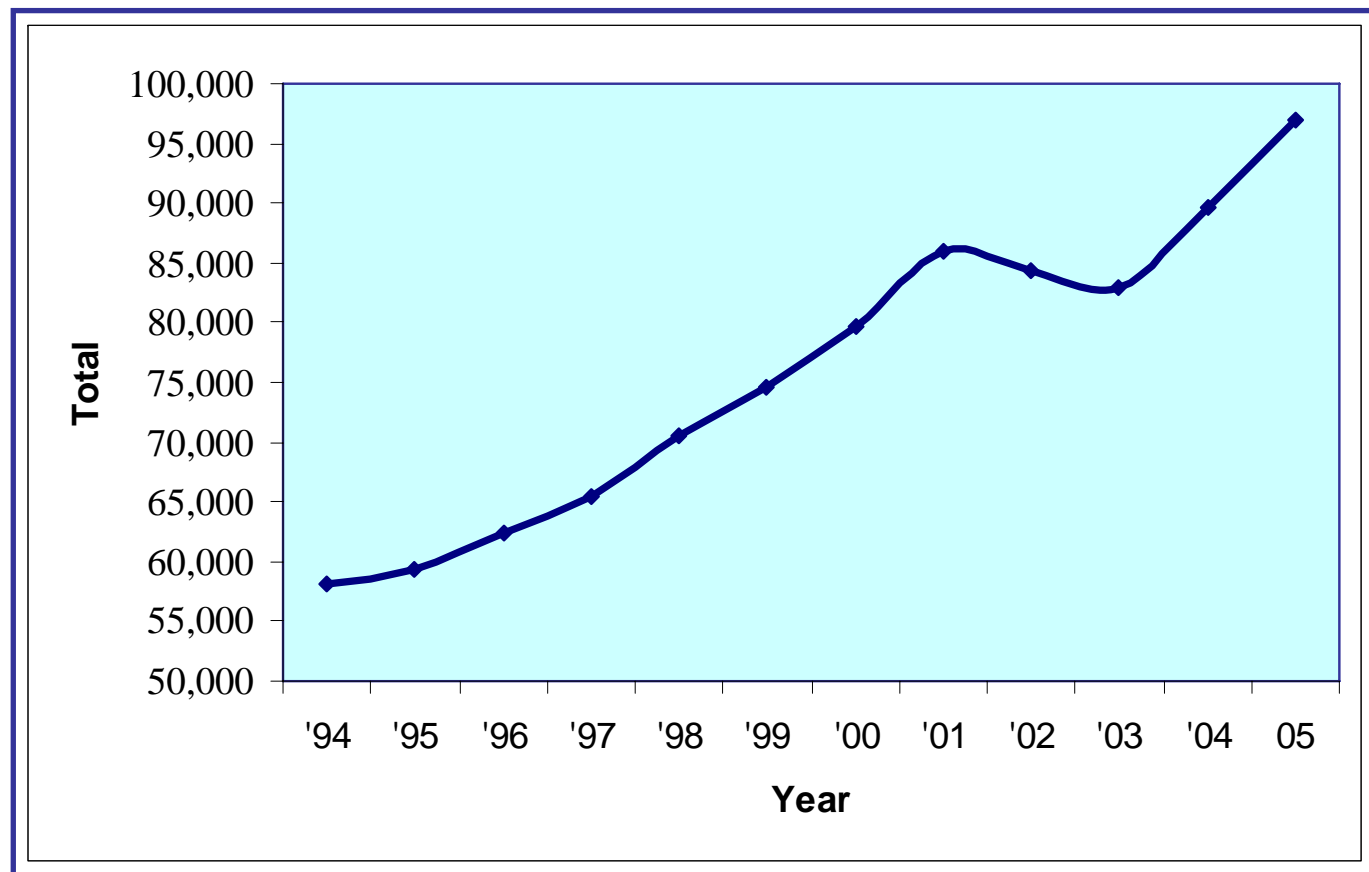
# Financial Contributions

- International education contributes nearly \$13.5 billion to the U.S. economy
  - Almost two-thirds of international students rely primarily upon personal and family funds



## International Scholars in the U.S.

- U.S. campuses hosted 96,981 international scholars in 2005/06, an increase of 8% from the previous year



# International Scholars: Leading places of origin

Country	2005/06
China, PRC	19,017
Korea, Rep. of	8,907
India	8,836
Japan	5,600
Germany	5,117
Canada	4,496
France	3,380
United Kingdom	3,334
Italy	2,983
Russia	2,402
Spain	2,185
Taiwan	1,737
Brazil	1,711
Israel	1,618
Turkey	1,355
Australia	1,265
Mexico	1,250

- **Leading four places: in Asia**
- **Leading place of origin: China, with 19,017 scholars, accounts for 20%**
- **Leading five places account for almost 50% of international scholars**

# International Scholars: Fields of specialization

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Field	% of Total 2005/06
Life & Biological Sciences	23.2
Health Sciences	20.2
Physical Sciences	12.1
Engineering	11.4
Social Sciences & History	3.6
Agriculture	3.1
Computer & Information Sciences	3.3
Business & Management	3.2
Mathematics	2.3
Foreign Languages & Literature	2.2

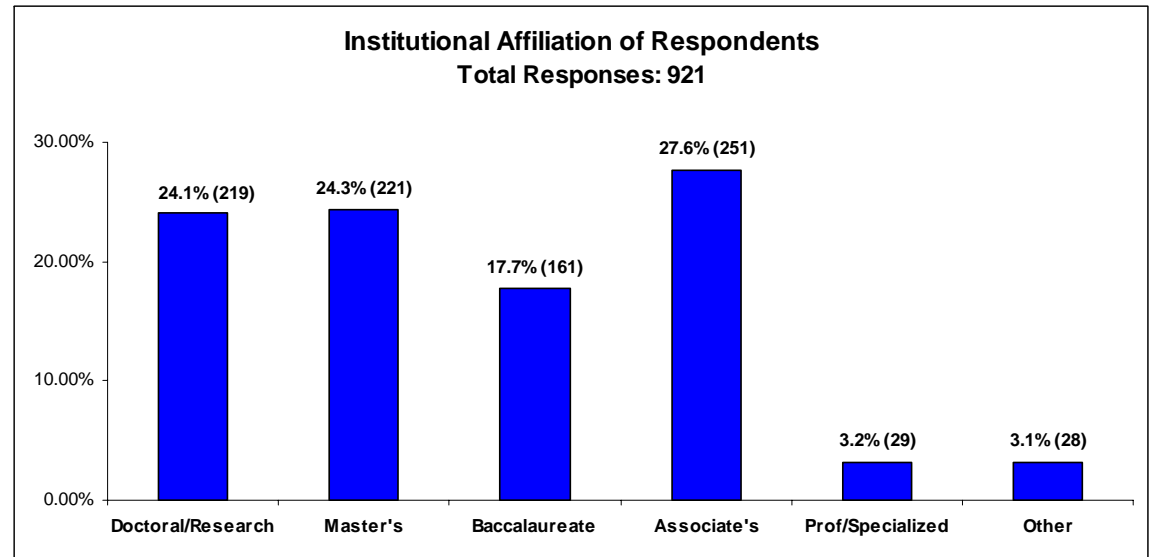
- **Leading four fields of specialization: Sciences and Engineering**

- **These four fields account for 67% of all scholars**

- **Leading fields have remained steady over the past decade**

# Fall 2006 Online Survey: International student enrollments

- Snapshot survey of what educators observed at start of Fall 2006 term
- Survey conducted between Oct 2-27, 2006
- 921 campuses responded
- Conducted jointly among members of AACCC, AASCU, ACE, AAU, CGS, IIE, NAFSA, and NASULGC



# International Student Enrollments: Key findings

## ➤ Survey suggests turnaround in total international student enrollments

### ➤ Overall:

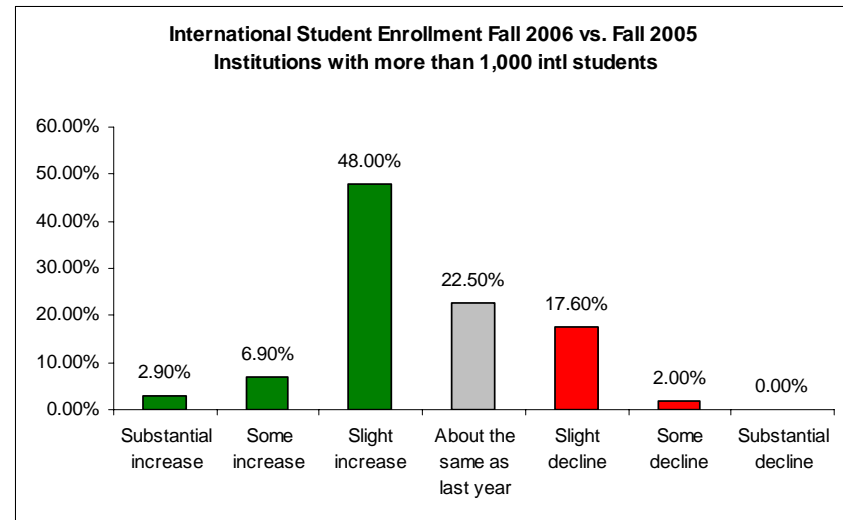
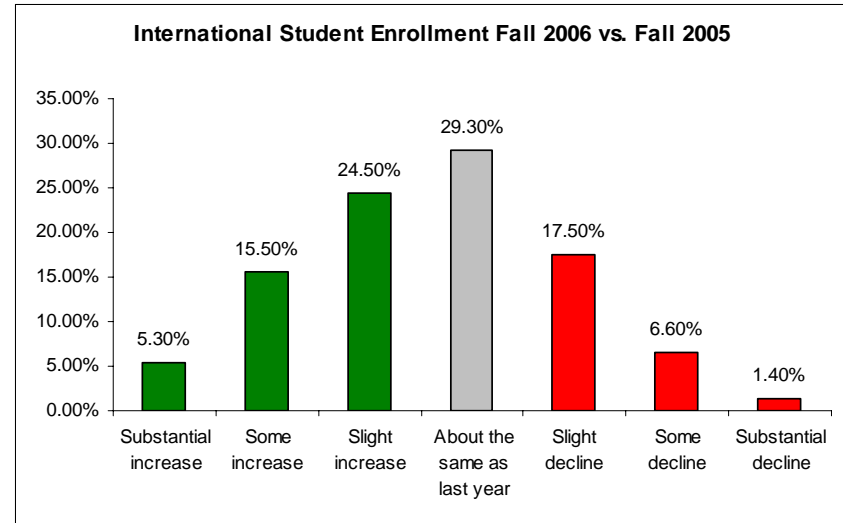
- 45% report increases / 26% report declines
- Last year: 34% report increases / 33% report declines

### ➤ Institutions hosting more than 1000 international students:

- 58% report increases / 20% report declines
- Last year: 33% report increases / 43% report declines

### ➤ Of institutions reporting declines:

- 53% report declines are more evident at undergrad level
- 30% report declines are more evident at grad level



## ➤ Majority of respondents report increases in new international student enrollments

### New International Student Enrollments

#### ➤ Overall:

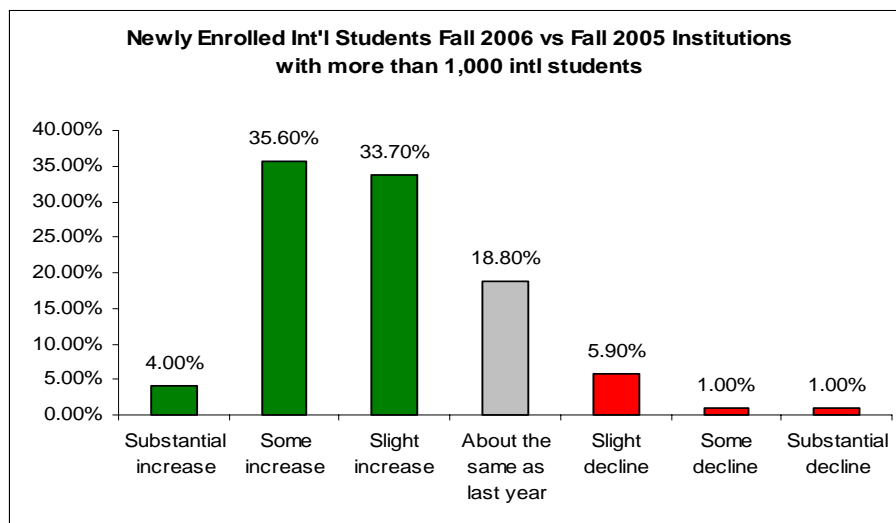
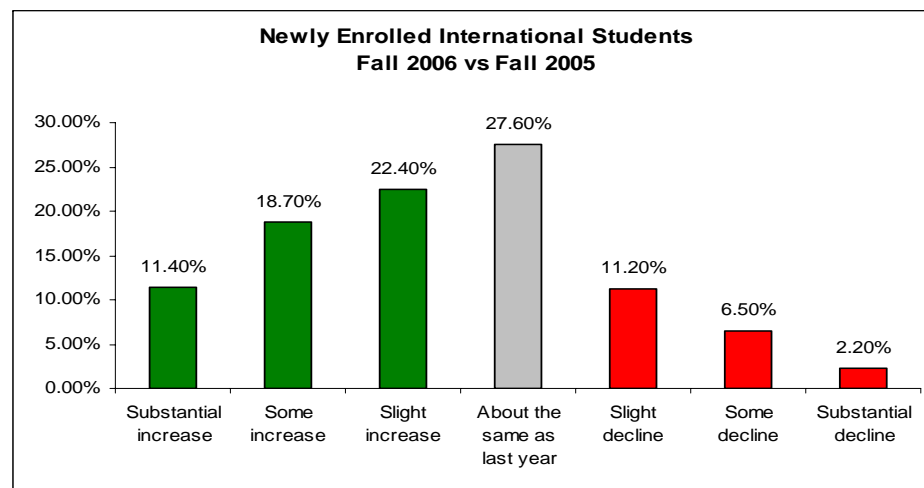
- 52% report increases / 20% report declines
- *Last year: 40% report increases / 26% report declines*

#### ➤ Institutions hosting more than 1000 international students:

- 73% report increases / 8% report declines
- *Last year: 51% report increases / 26% report declines*

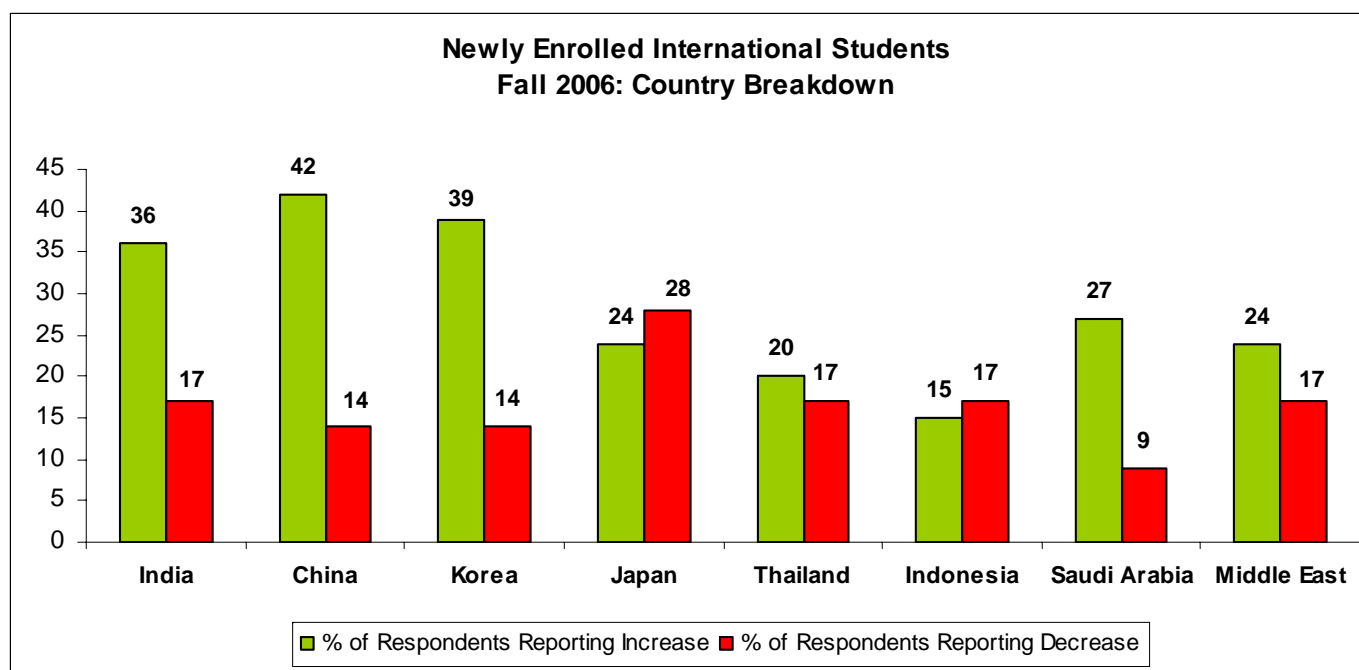
#### ➤ Responses from Top 20 host institutions echo findings:

- 12 report increases / 1 reports decline / 6 report no change
- *Last year: 10 report increases / 6 report declines*



## ➤ Fall 2006 New Enrollments By Students From Major Sending Countries

- **China, Korea, India, Saudi Arabia: More institutions report increase than decline**
- **Middle East: More institutions report increase than decline**
- **Japan and Indonesia: More institutions report decline than increase.**



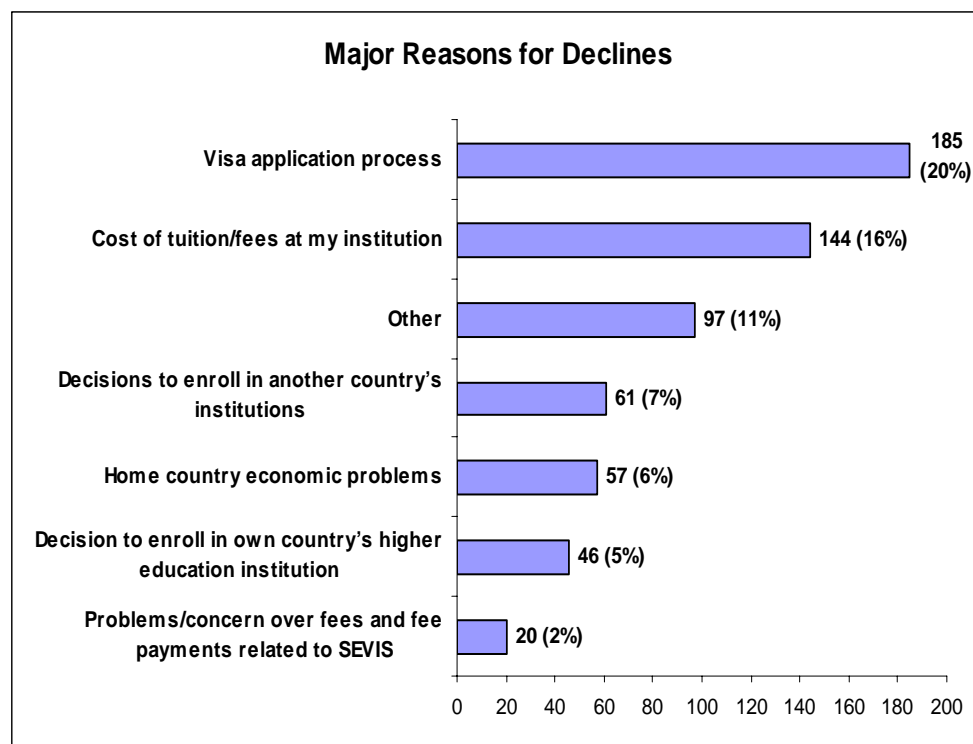
# Factors Affecting International Student Enrollments

## ➤ Factors Cited by U.S. Campuses:

- Visa Application Processes (20%, down from 35% last year)
- Cost of Tuition (16%)
- Enroll in another country's institution (7%)

## ➤ Combination of Factors:

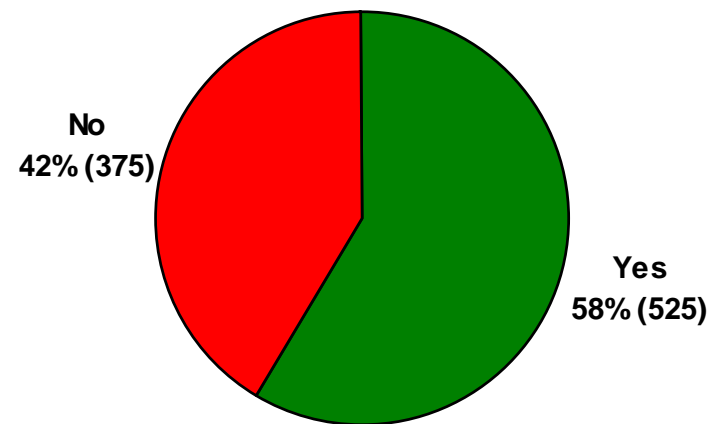
- Competition from other host countries
- Competition among US institutions
- Increased capacity in students' home countries



## ➤ Campuses Are Taking Proactive Steps to Increase International Student Enrollments

**58% (525) of respondents reported having taken special steps to increase international students' enrollments**

Has your institution taken any special steps to ensure that the number of international enrollments does not decline?



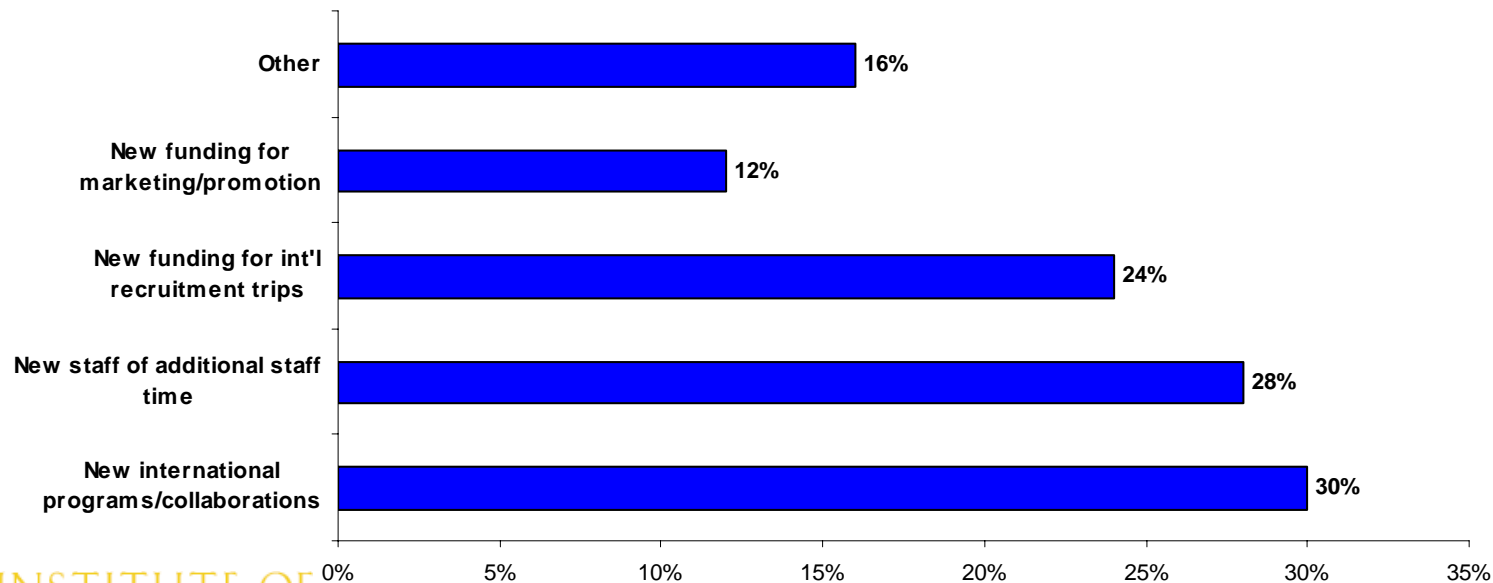
## ➤ Types of Proactive Steps

### Steps Taken Include:

- New international programs/collaborations
- New staff/additional staff time devoted to int'l recruitment
- New funding for international recruitment trips
- New funding for marketing/promotion

**Recruitment is concentrated on Asia**, in particular: China, Japan, Korea, India.

Special Steps to Ensure Enrollments Do Not Decline



# U.S. Study Abroad

## ➤ Definition:

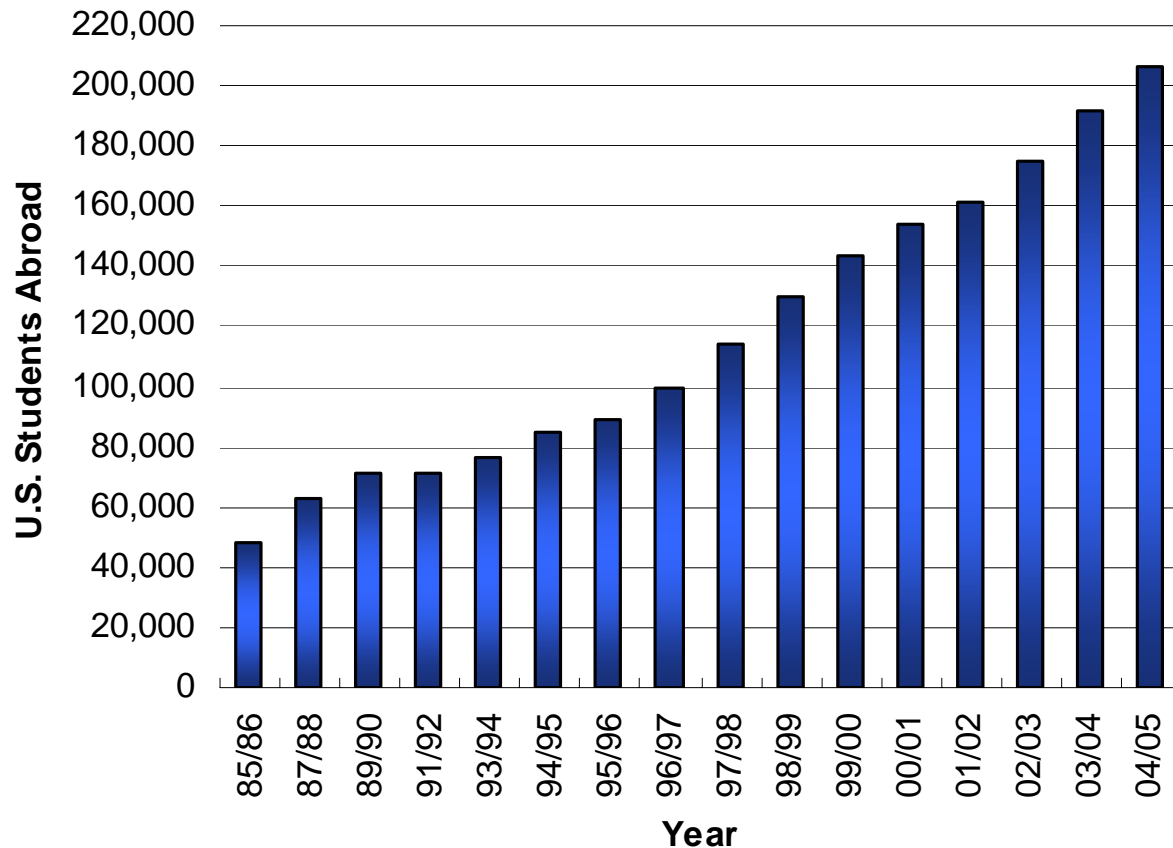
U.S. citizens and permanent residents who have studied abroad for academic credit towards their degree at a U.S. higher education institution.

## ➤ Survey Time Period:

Credit reported by institutions in 2005/06 for study abroad in Academic Year 2004/05, including Summer 2005.

# Participation in Study Abroad

- U.S. study abroad increased 8% to an all time high of 205,983 students in 2004/05.

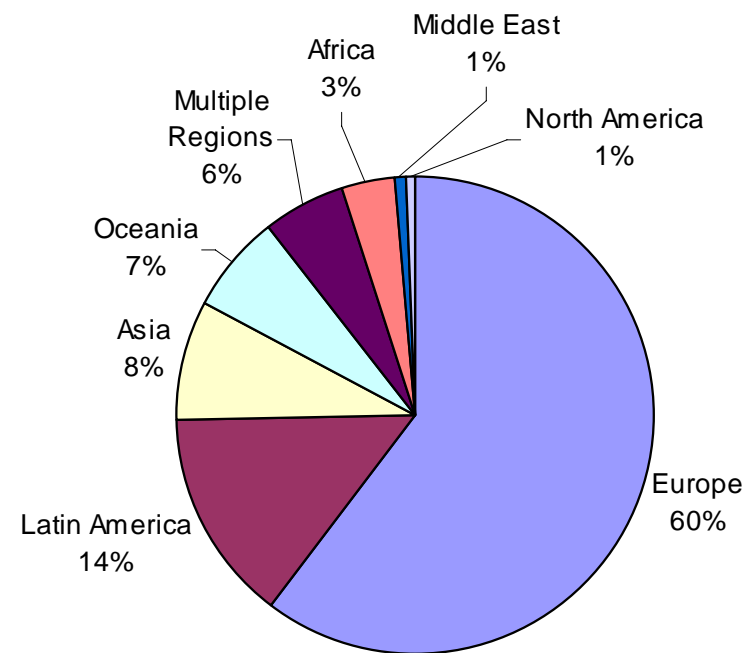


# Destinations of Study Abroad Students

- Europe remains the leading host region for U.S. students studying abroad.

Host Region	Total Students	% of Students 2004/05
Europe	124,326	60.4
Latin America	29,661	14.3
Asia	16,574	8.1
Oceania	13,791	6.7
Multiple Regions	11,432	5.5
Africa	7,101	3.5
Middle East	1,977	1.0
North America	1,121	0.5
<b>Total Students</b>	<b>205,983</b>	

Host Regions of U.S. Study Abroad, 2004/05



## ➤ U.S. study abroad to destinations outside of Europe is growing

Rank	Destination	2004/05	% of All Study Abroad	% Change from 03/04
	<b>TOTAL</b>	<b>205,983</b>		<b>7.7</b>
1	United Kingdom	32,071	15.6	-0.5
2	Italy	24,858	12.1	13.4
3	Spain	20,806	10.1	3.6
4	France	15,374	7.5	12.1
5	Australia	10,813	5.2	-5.3
6	Mexico	9,244	4.5	-0.5
7	Germany	6,557	3.2	9.6
8	China	6,389	3.1	34.9
9	Ireland	5,083	2.5	-2.2
10	Costa Rica	4,887	2.4	8.4
11	Japan	4,100	2.0	10.6
12	Austria	2,757	1.3	12.8
13	New Zealand	2,657	1.3	12.2
14	Czech Republic	2,494	1.2	19.4
15	Greece	2,445	1.2	16.5
16	Chile	2,393	1.2	12.1
17	South Africa	2,304	1.1	14.7
18	Argentina	2,013	1.0	53.1
19	Brazil	1,994	1.0	28.3
20	India	1,767	0.9	52.7

- Leading 4 destinations hosted **93,000** students, representing **45%** of all U.S. students studying abroad

- **11 of the 20** destinations: **places outside of Europe** in Africa, Asia, Latin America, Oceania [in yellow]

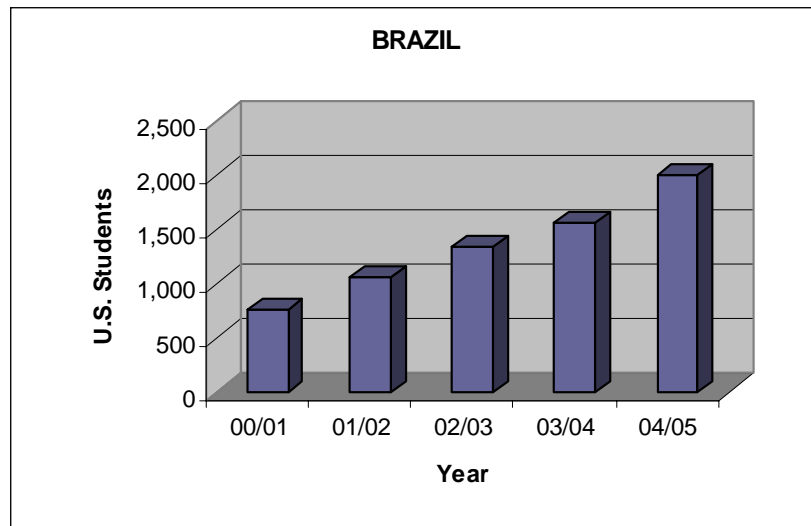
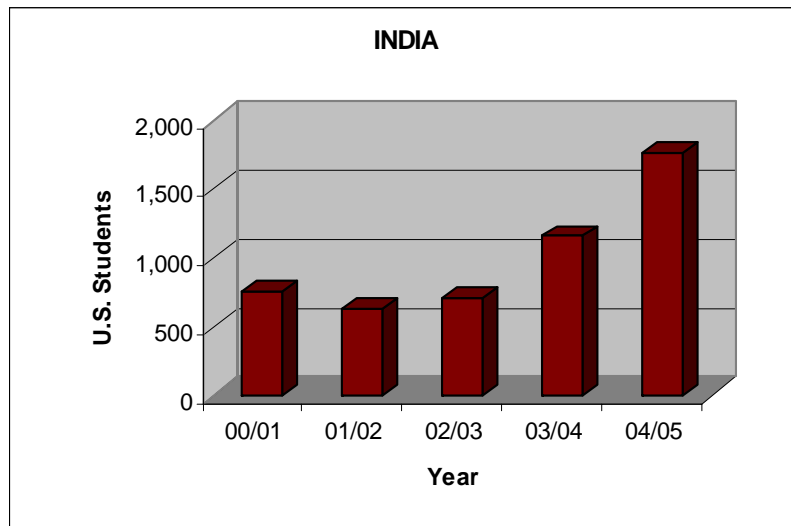
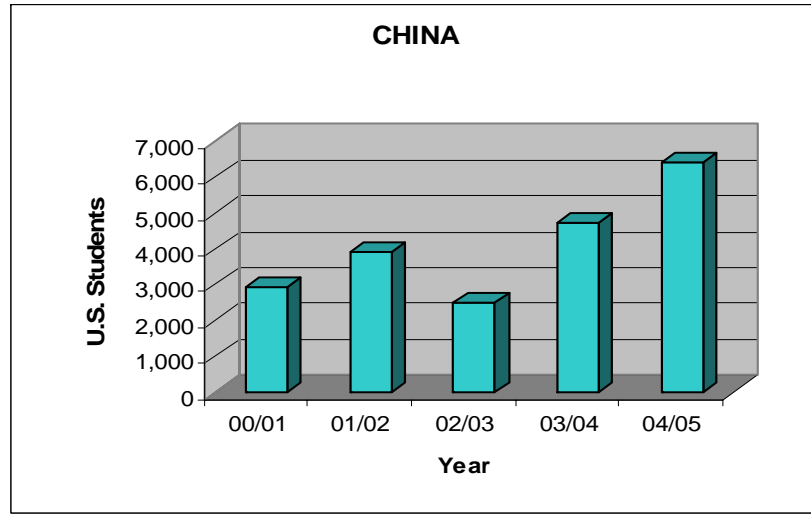
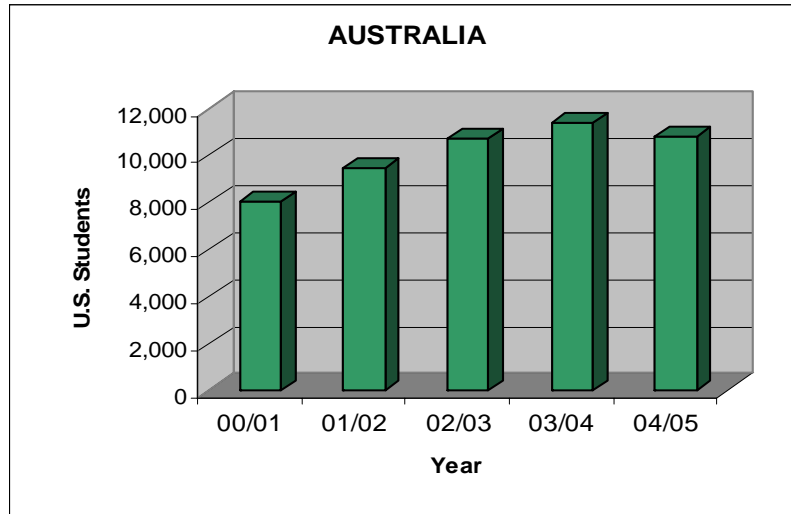
- **Only 4** of 20 destinations had a **decline**: UK, Australia, Mexico, Ireland

- **13** of 20 destinations had **double-digit increases** [in blue]

- 4 destinations which had **increases of over 25%** are **non-European destinations**: China, Argentina, Brazil, India

- **Argentina, Brazil, India**: new to top 20

# ➤ Study Abroad Trends for Selected Leading Destinations: 2000/01 – 2004/05

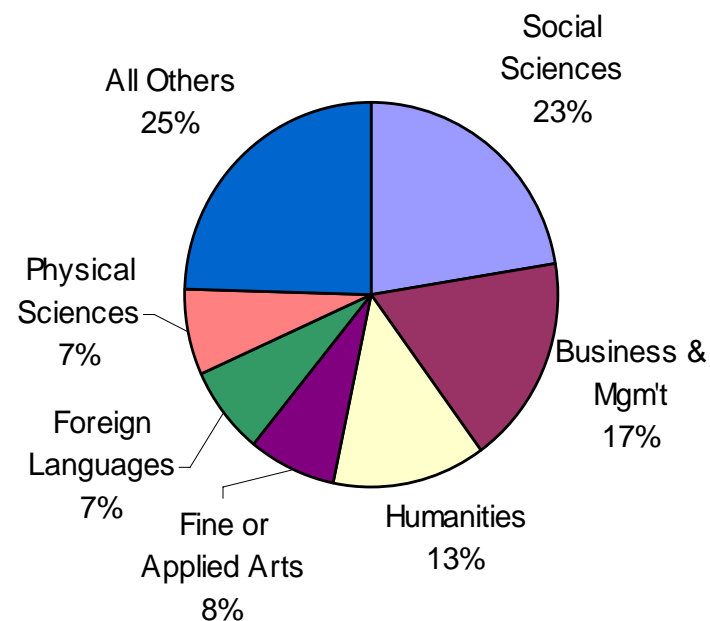


# Fields of Study

➤ **53% of U.S. students who study abroad major in the social sciences, humanities, and business & management.**

Field of Study	2004/05 Total	2004/05 %	% Change from 03/04
Social Sciences	46,552	22.6	7.6
Business & Management	36,047	17.5	7.7
Humanities	27,396	13.3	7.9
Other	16,067	7.8	7.0
Fine or Applied Arts	15,655	7.6	8.0
Foreign Languages	15,449	7.5	7.7
Physical Sciences	14,625	7.1	8.3
Education	8,445	4.1	6.7
Health Sciences	7,003	3.4	8.3
Undeclared	7,003	3.4	8.5
Engineering	5,974	2.9	9.4
Math or Computer Sciences	3,502	1.7	7.3
Agriculture	2,472	1.2	8.9
<b>Total</b>	<b>205,983</b>	<b>100.0</b>	<b>7.7</b>

Fields of Study of U.S. Students Abroad, 2003/04

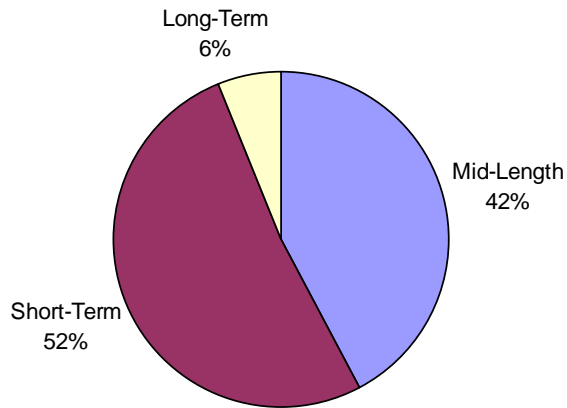


"All Others includes: Other, Education, Undeclared, Health Sciences, Engineering, Mathematics & Computer Sciences, Agriculture.

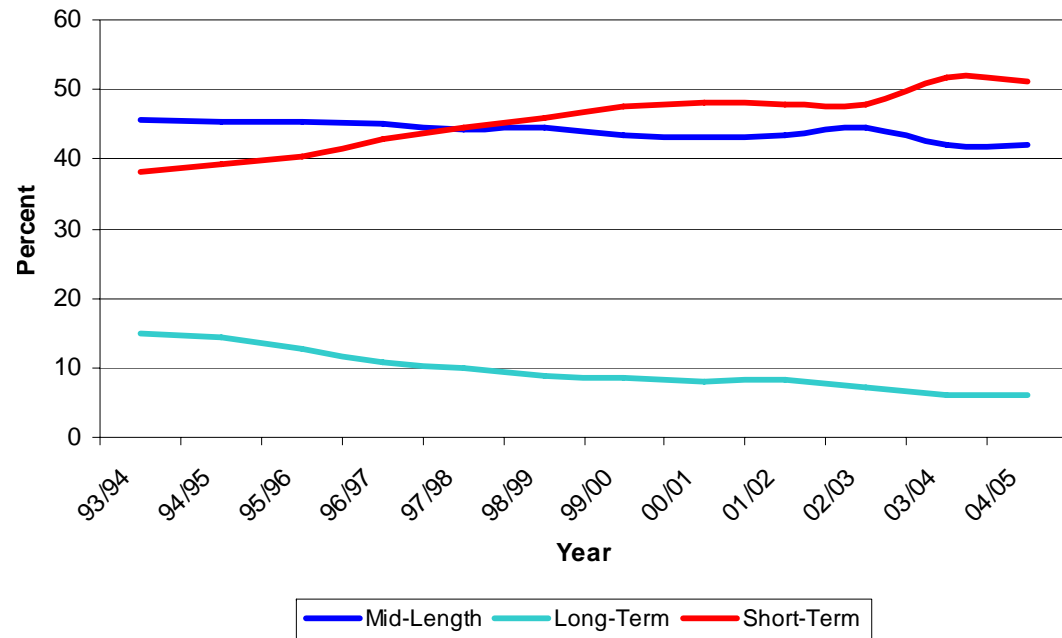
# Duration of Study Abroad Programs

- Study abroad programs of shorter duration have seen the largest growth in the past decade.

Duration of Study Abroad, 2004/05



Comparison of Program Duration, 1993/94 to 2004/05



**Short-Term:** Summer, January Term, 8 weeks or less  
**Mid-Length:** One, Two Quarters, Semester  
**Long-Term:** Academic Year, Calendar Year

# Open Doors 2006

## Resources available on the web...

<http://opendoors.iienetwork.org>

### Extensive data and background materials

**opendoors** *online*  
REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

#### Open Doors Report 2006: Information and Data Tables

The new Open Doors data is strictly embargoed and must not be published until November 13, 2006.

##### Press Releases (Report Overview):

- [OD 2006: International Students in the U.S.](#)
- [OD 2006: Americans Studying Abroad](#)
- [Fall 2006 Enrollment Survey](#)

##### Statistics/Data Tables: Open Doors 2006:

- [Data Tables: International Students 2006](#)
- [Data Tables: U.S. Study Abroad 2006](#)

[Open Doors Data: Previous Years >>](#)

#### Country and State Fact Sheets

- **New! [Country Fact Sheets 2006](#)**  
Country Fact Sheets contain trend data on student mobility between the US and leading sending countries.
- **New! [U.S. State Fact Sheets 2006](#)**  
U.S. State Fact Sheets contain statistical information on international exchange in each U.S. state.

#### Background and Resources

- [Open Doors Press Room](#)
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#### Atlas of Student Mobility

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