

**Student Mobility: National Strategies &
International Trends
A Perspective from the United States**

**Rajika Bhandari, Ph.D.
Director of Research and Evaluation**

Institute of International Education (IIE), USA

**IAU 13th General Conference
Utrecht, The Netherlands**

Topics

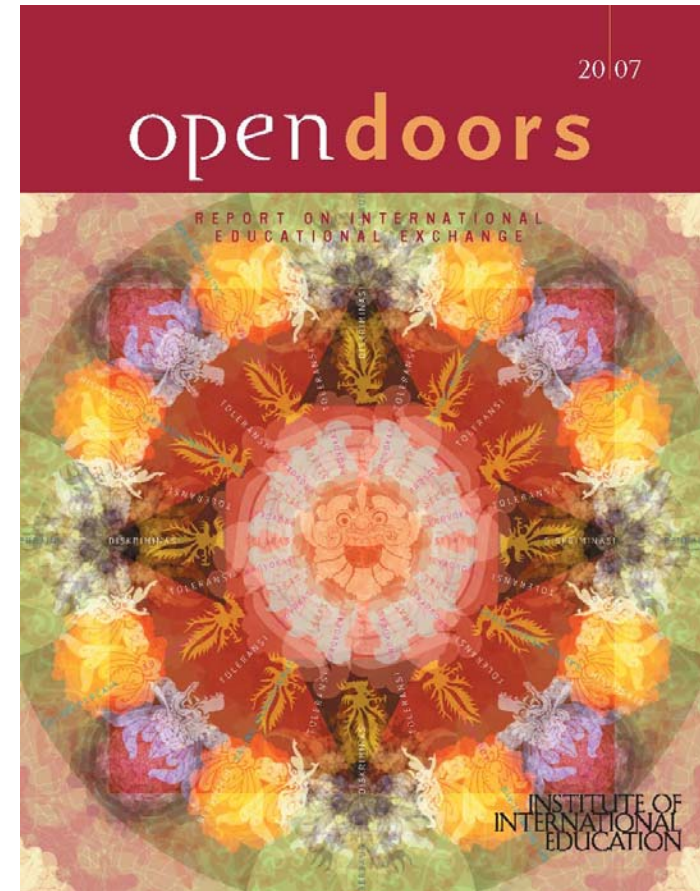
- **A brief introduction to the Institute of International Education (IIE)**
- **Mobility Trends for the U.S.**
- **Global Student Mobility**
- **The Role of National Strategies and Policies in promoting mobility**

About the Institute of International Education (IIE)

- **Administers the Fulbright Fellowships on behalf of the U.S. Department of State & 200 other programs**
- **Serves 18,000 students, teachers, scholars, and professionals in 175 countries annually**
- **Runs the IIE Network: a global resource for 4,500 professionals at 900 member colleges & universities**
- **Provides resources and information on study abroad**
- **Collects and disseminates data on international student mobility via *Open Doors* and *Project Atlas***

Open Doors Report on International Educational Exchange

- IIE publishes data annually in *Open Doors*, with support from the US Department of State
- 56 years of trend data on international students and scholars on U.S. campuses and on over 20 years of US students abroad
- <http://opendoors.iienetwork.org>

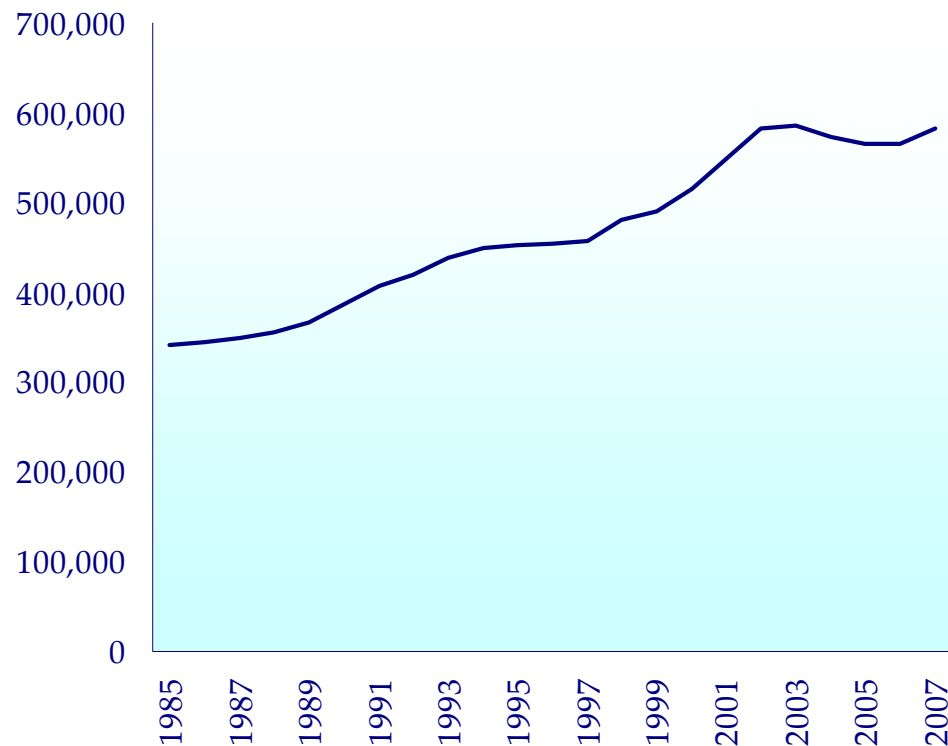


International Students in the U.S.

- **Annual survey** of international student enrollment on U.S. campuses
- **Timeframe:** 2006/07
- **Respondents:** Regionally accredited U.S. higher education institutions

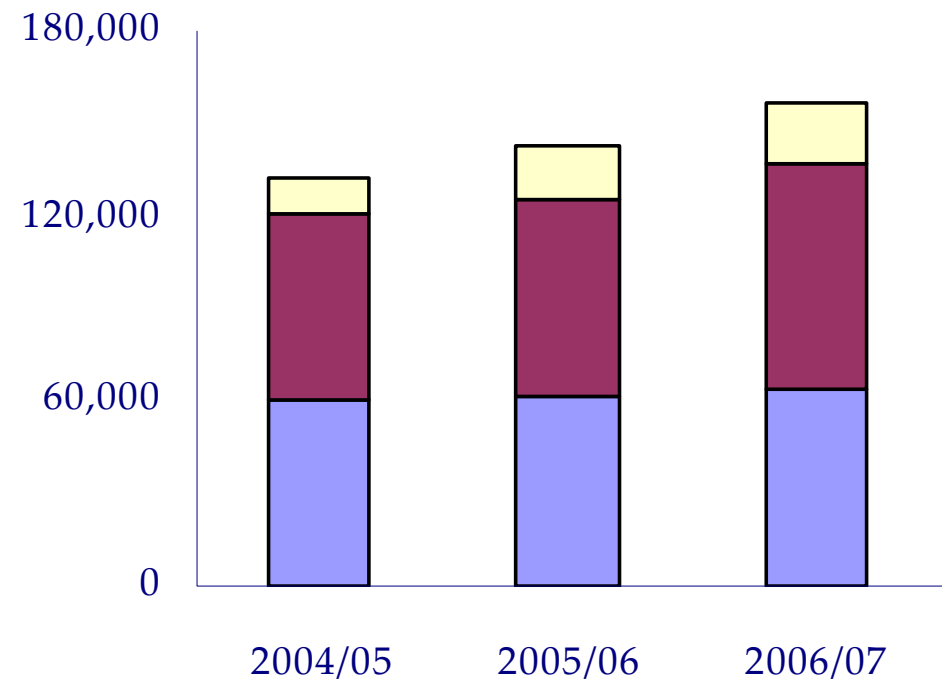
Open Doors 2007 reports that International Student numbers in the U.S. are rebounding

Total international enrollment increased 3% to **582,984** international students in 2006/07.



New International Enrollments, 2006/07

New international student enrollment increased by 10% to 157,178 in 2006/07.



■ Undergraduate
 ■ Graduate
 ■ Other

Leading Places of Origin, 2006/07

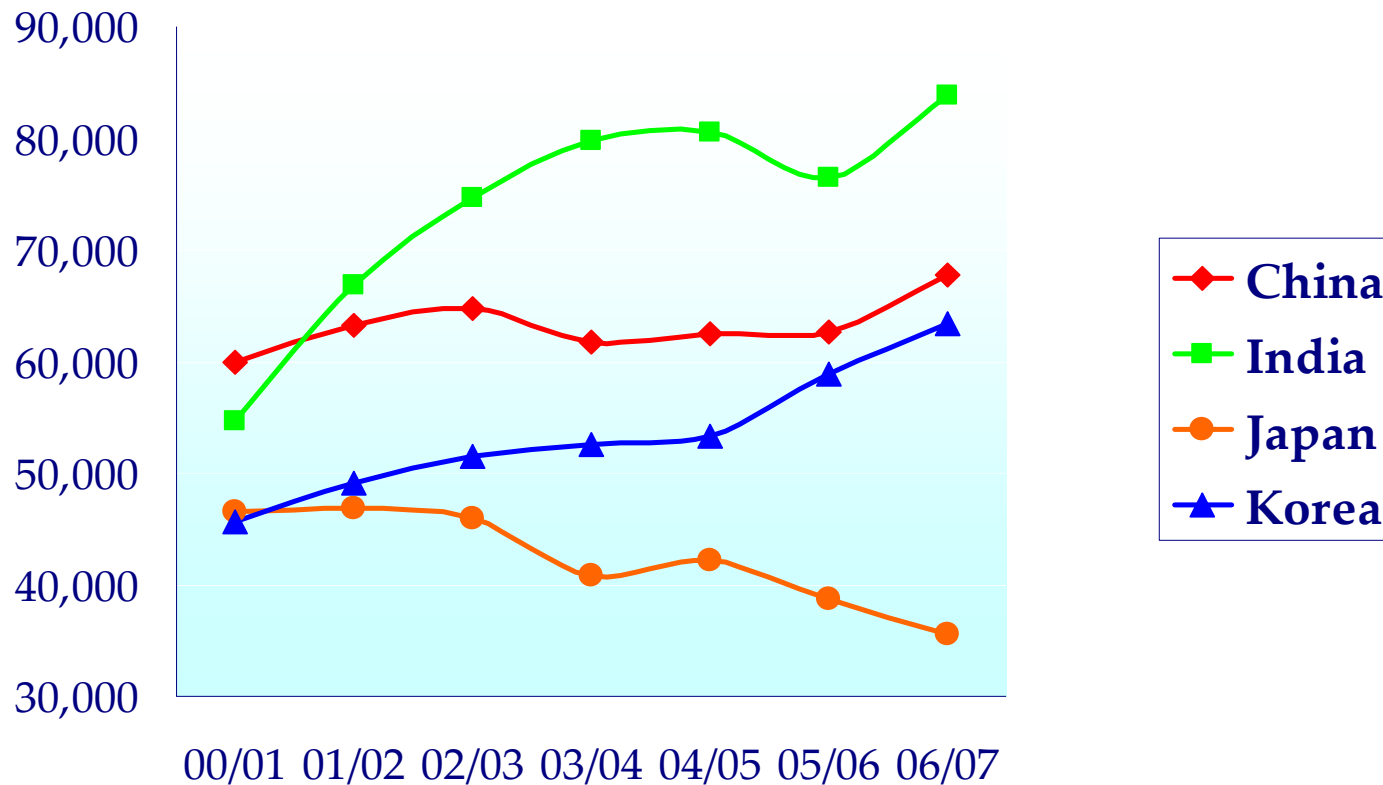
<u>Rank</u>	<u>Place of Origin</u>	<u>2006/07 Total</u>	<u>% of Total</u>	<u>% Change from 2005/06</u>
	WORLD TOTAL	582,984	100.0	3.2
1	India	83,833	14.4	9.6
2	China	67,723	11.6	8.2
3	South Korea	62,392	10.7	5.7
4	Japan	35,282	6.1	-8.9
5	Taiwan	29,094	5.0	4.4
6	Canada	28,280	4.9	0.3
7	Mexico	13,826	2.4	-0.8
8	Turkey	11,506	2.0	-1.0
9	Germany	8,656	1.5	-2.0
10	Thailand	8,886	1.5	1.4
11	United Kingdom	8,438	1.4	2.0
12	Saudi Arabia	7,886	1.4	128.7
13	Nepal	7,754	1.3	27.9
14	Hong Kong	7,722	1.3	-1.6
15	Indonesia	7,338	1.3	-3.1

• Top 5 leading places of origin are all in Asia (48% of all international students)

• Notable increases:
Saudi Arabia, Nepal, India, China

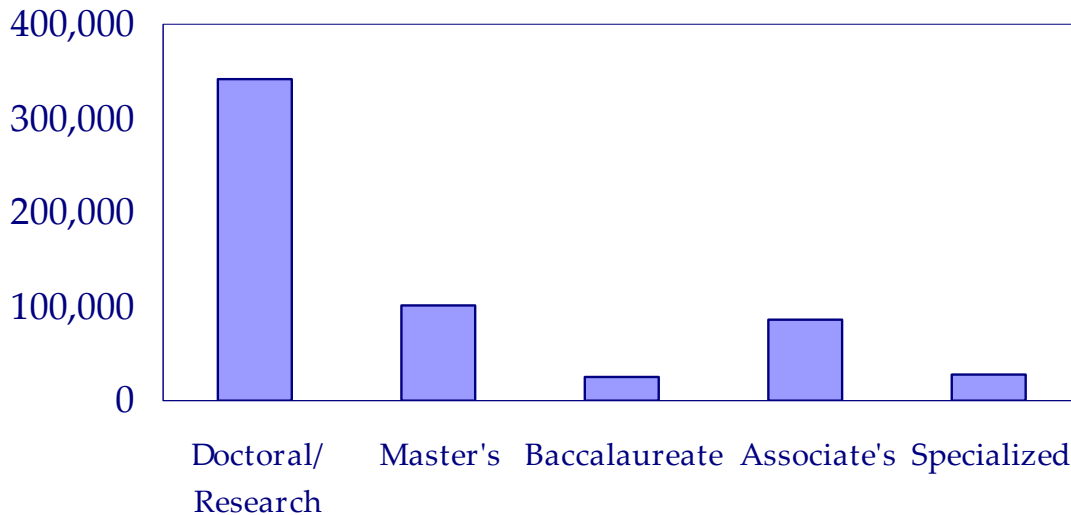
• Notable declines:
Japan, Indonesia

Leading Place of Origin Trends, 2000 – 2007



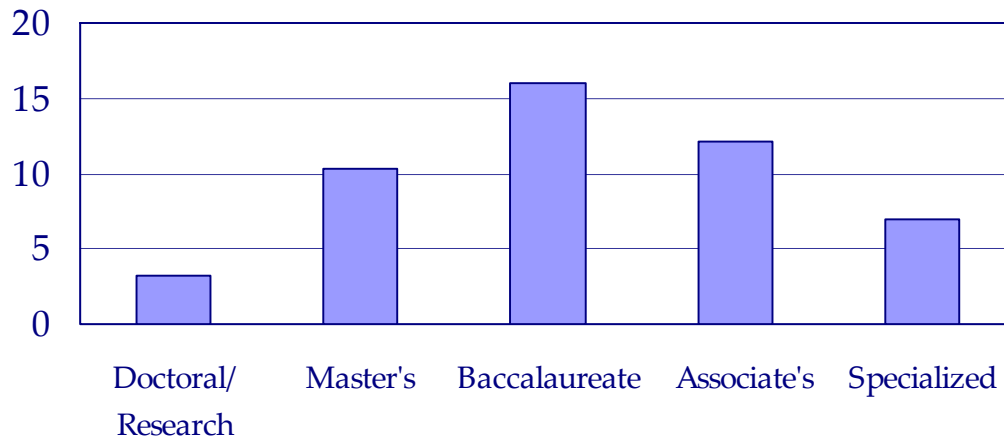
Types of Institutions

International Students, 2006/07



➤ **Doctoral/research institutions** host the largest number of international students, followed by Master's and Associate's institutions.

Percent change since 2000/01

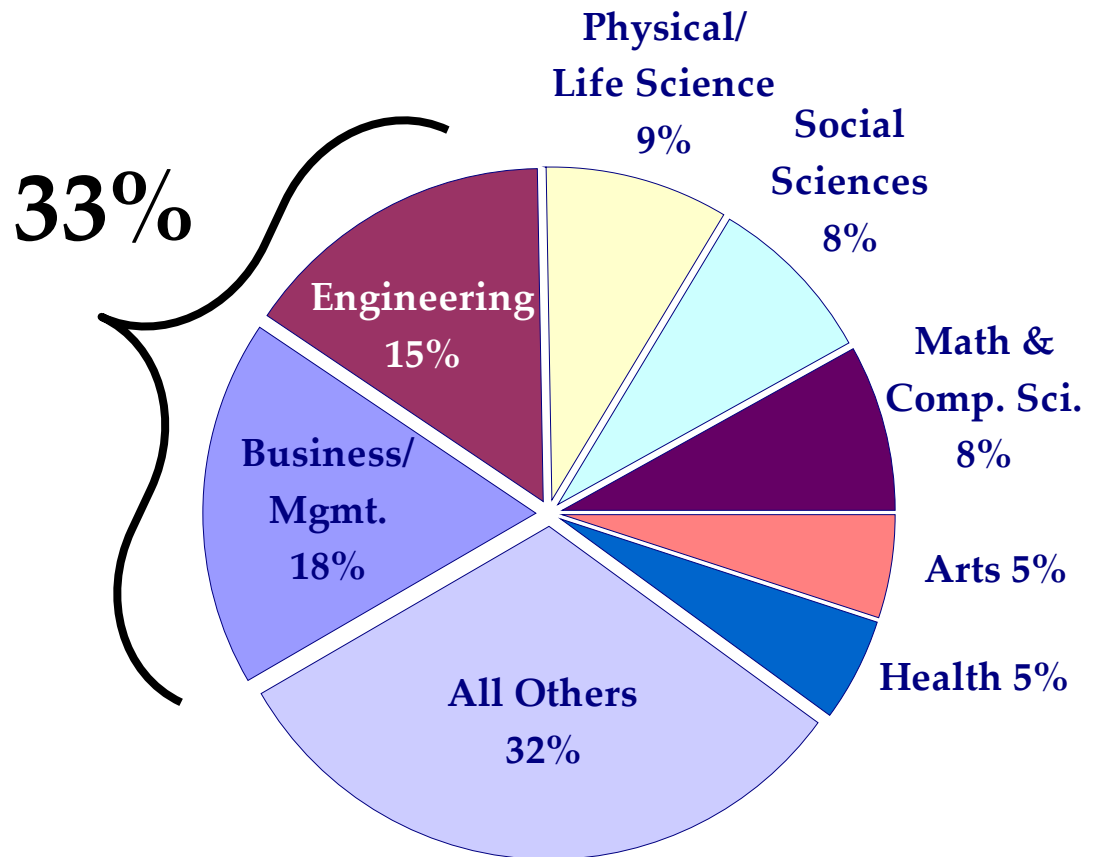


➤ **Baccalaureate, Associate's, and Master's institutions** have seen the largest growth in international enrollments since 2000.

Fields of Study

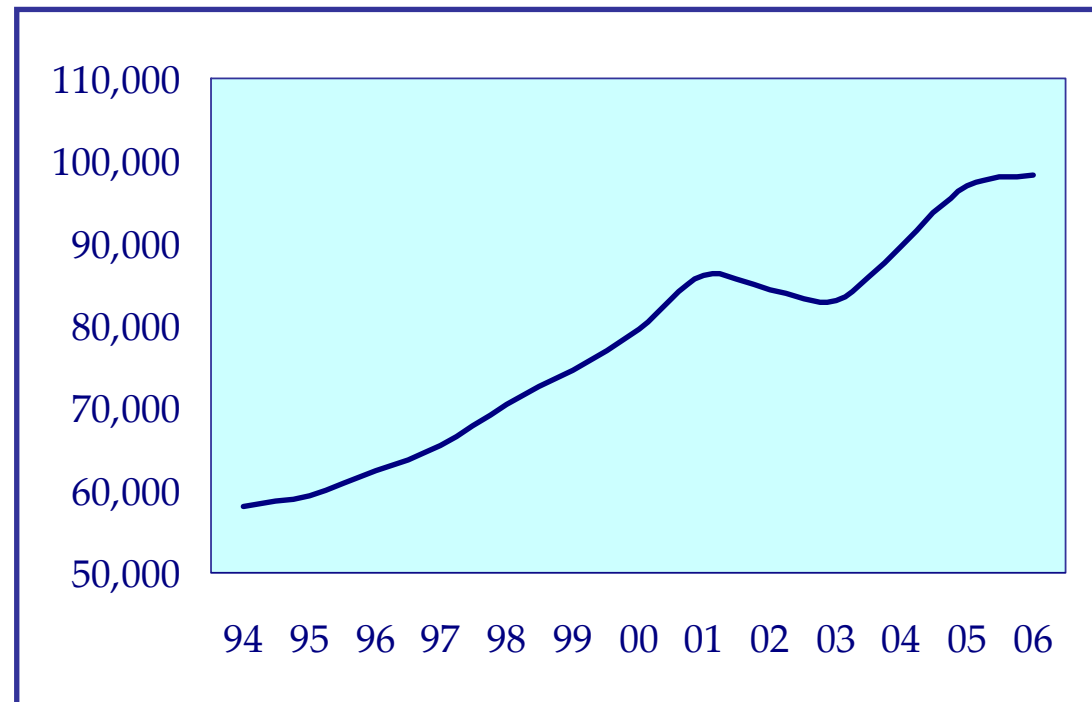
The top 2 fields of study:

Business & Management and Engineering, account for **33%** of all international students



International Scholars in the U.S.

- U.S. campuses hosted **98,239** international scholars in 2006/07, an **increase of 1.3%** from the previous year.



International Scholars: Leading places of origin

1	China	20,149
2	Korea, Rep. of (South)	9,291
3	India	9,138
4	Japan	5,557
5	Germany	5,039
6	Canada	4,398
7	France	3,588
8	Italy	3,148
9	United Kingdom	2,877
10	Spain	2,193
11	Russia	2,102
12	Brazil	1,862
13	Taiwan	1,813
14	Israel	1,591
15	Turkey	1,362
16	Mexico	1,218
17	Australia	1,175

- **Leading four places: all in Asia**

- **Leading five places account for 50% of international scholars**

- **Leading place of origin: China, with 20,149 scholars, accounts for 20.5%**

- **Decline in the number of scholars from: Germany, Canada, U.K., Russia, Australia**

International Scholars: Fields of specialization

<u>Field of Specialization</u>	<u>% of Int'l Scholars</u>
Health Sciences	24.3
Biological and Biomedical Sciences	19.7
Engineering	12.0
Physical Sciences	11.7
Agriculture	4.0
Social Sciences	3.3
Business and Management	3.0
Computer and Information Sciences	3.0
Foreign Languages and Literature	2.3
Mathematics	2.2

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

- **These four fields account for 68% of all scholars**

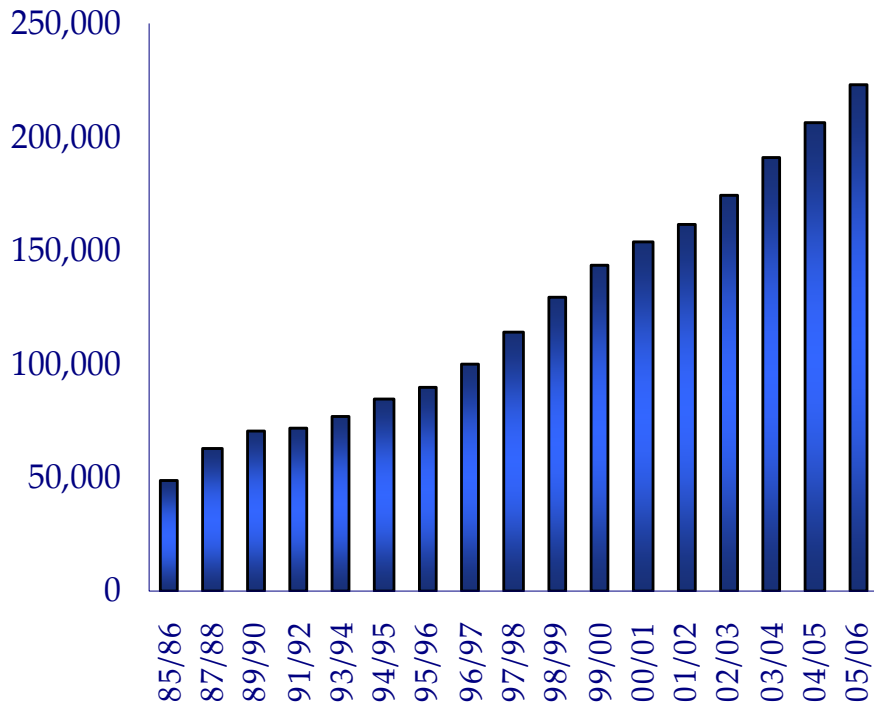
- **Leading fields have remained steady over the past decade**

U.S. Study Abroad

Who is counted?

U.S. citizens and permanent residents enrolled for a degree at an accredited U.S. higher education institution who *received academic credit towards their degree for study abroad* during the **2005/06 academic year** (including summer 2006).

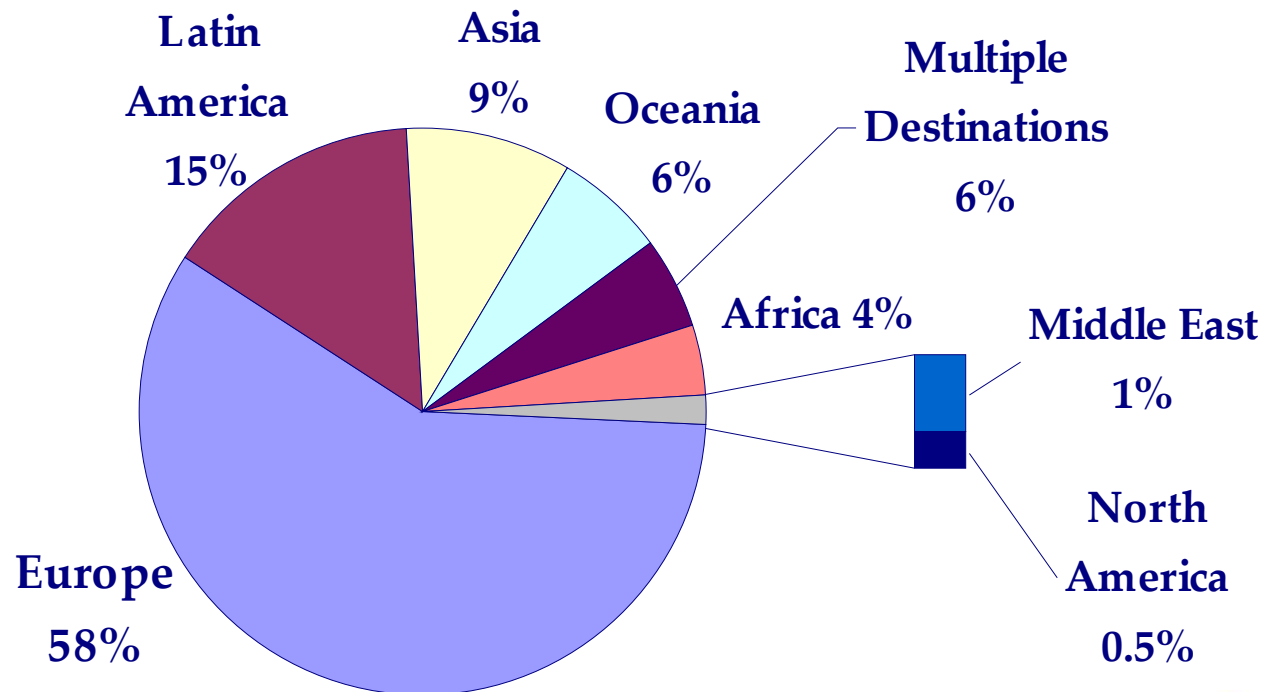
U.S. Participation in Study Abroad is Increasing



223,534 U.S. students received academic credit for study abroad in 2005/06, an **8.5% increase** over the previous year.

Destinations of U.S. Study Abroad Students

Europe remains the leading host region for U.S. students studying abroad, with **58%** of the total.



Destinations of U.S. Study Abroad Students (cont.)

	<u>Destination</u>	<u>2004/05</u>	<u>2005/06</u>	<u>% Change</u>
	WORLD TOTAL	205,983	223,534	8.5
1	United Kingdom	32,071	32,109	0.1
2	Italy	24,858	26,078	4.9
3	Spain	20,806	21,881	5.2
4	France	15,374	15,602	1.5
5	Australia	10,813	10,980	1.5
6	Mexico	9,244	10,022	8.4
7	China	6,389	8,830	38.2
8	Germany	6,557	6,858	4.6
9	Costa Rica	4,887	5,518	12.9
10	Ireland	5,083	5,499	8.2
11	Japan	4,100	4,411	7.6
12	Greece	2,445	3,227	32.0
13	Argentina	2,013	2,865	42.3
14	Czech Republic	2,494	2,846	14.1
15	Austria	2,757	2,792	1.3
16	Chile	2,393	2,578	7.7
17	New Zealand	2,657	2,542	-4.3
18	South Africa	2,304	2,512	9.0
19	Brazil	1,994	2,328	16.8
20	Ecuador	1,711	2,171	26.9

11 of the Top 20 destinations
(highlighted in red) are
outside Europe

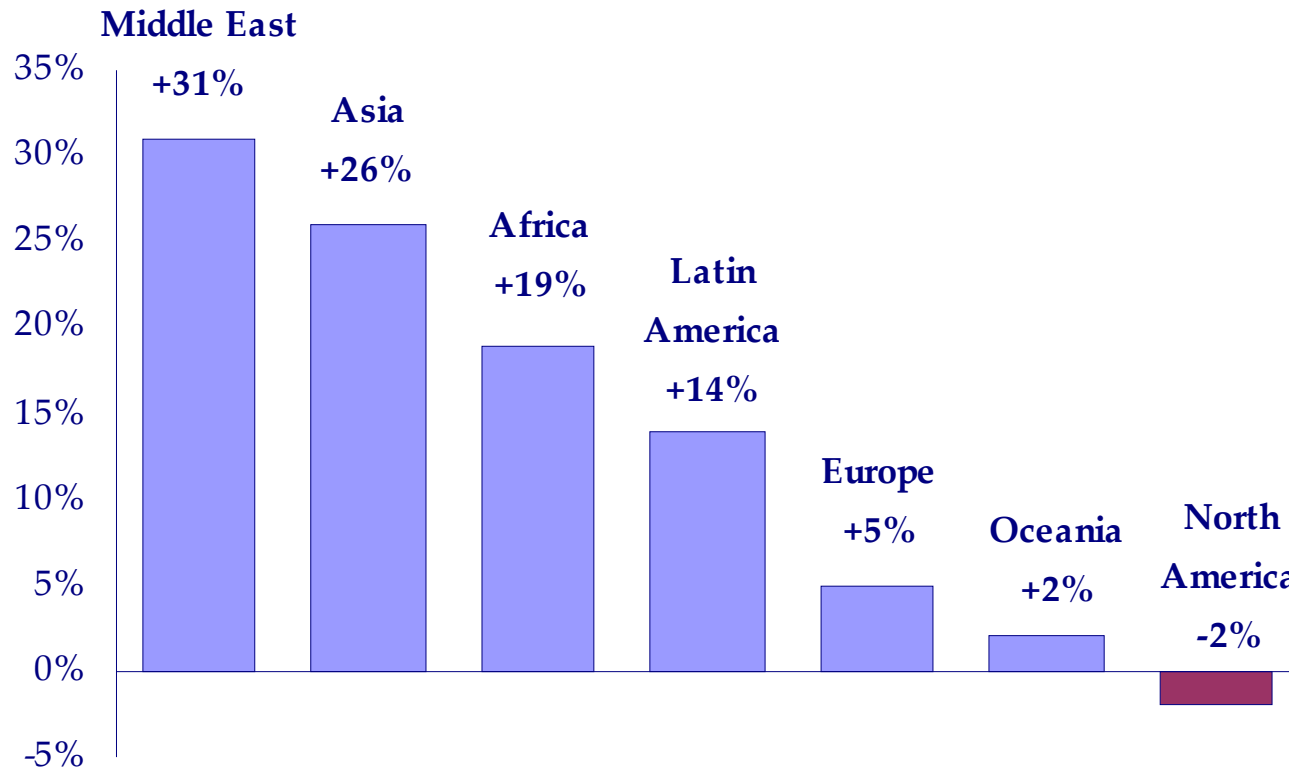
19 of the Top 20 destinations
showed an increase in 2005/06.

Double-digit increases:
**Argentina, China, Greece,
Ecuador, Brazil, Czech Rep.,
Costa Rica**

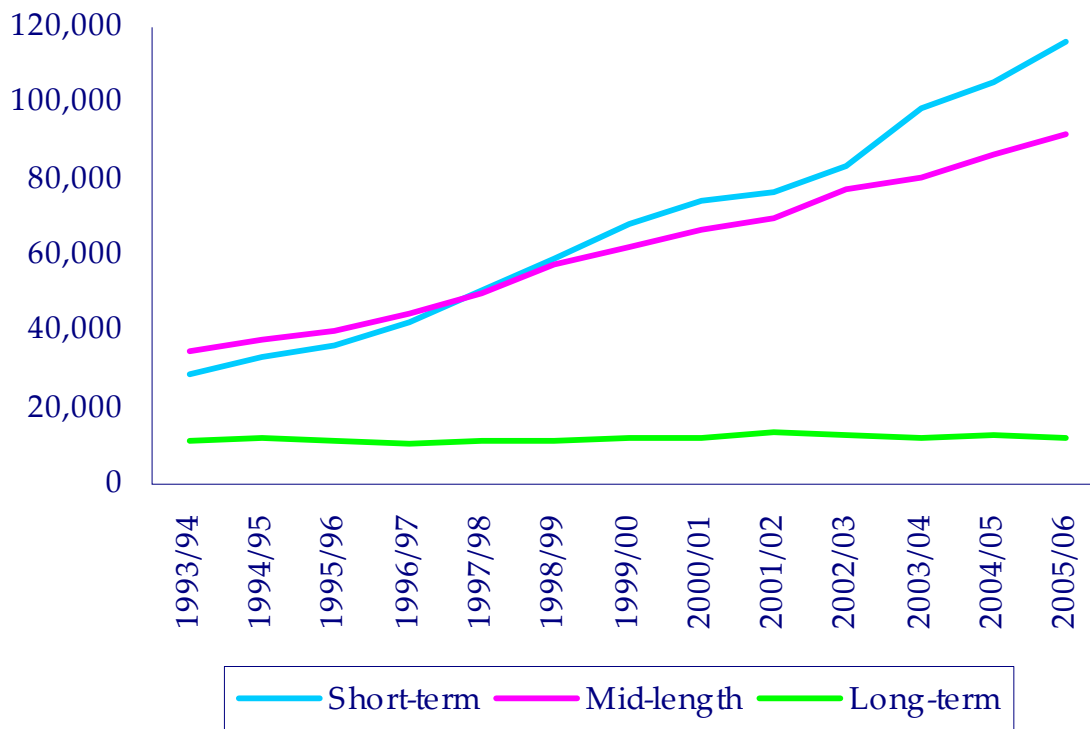
Ecuador is new to Top 20.

Study in Non-traditional Destinations is Growing

Study abroad to all regions except North America increased in 2005/06.



Duration of U.S. Study Abroad



Short-term programs have seen the largest growth in the past decade.

Mid-length programs also continue to rise.

The number of students in **long-term** programs has remained **constant** over the past decade.

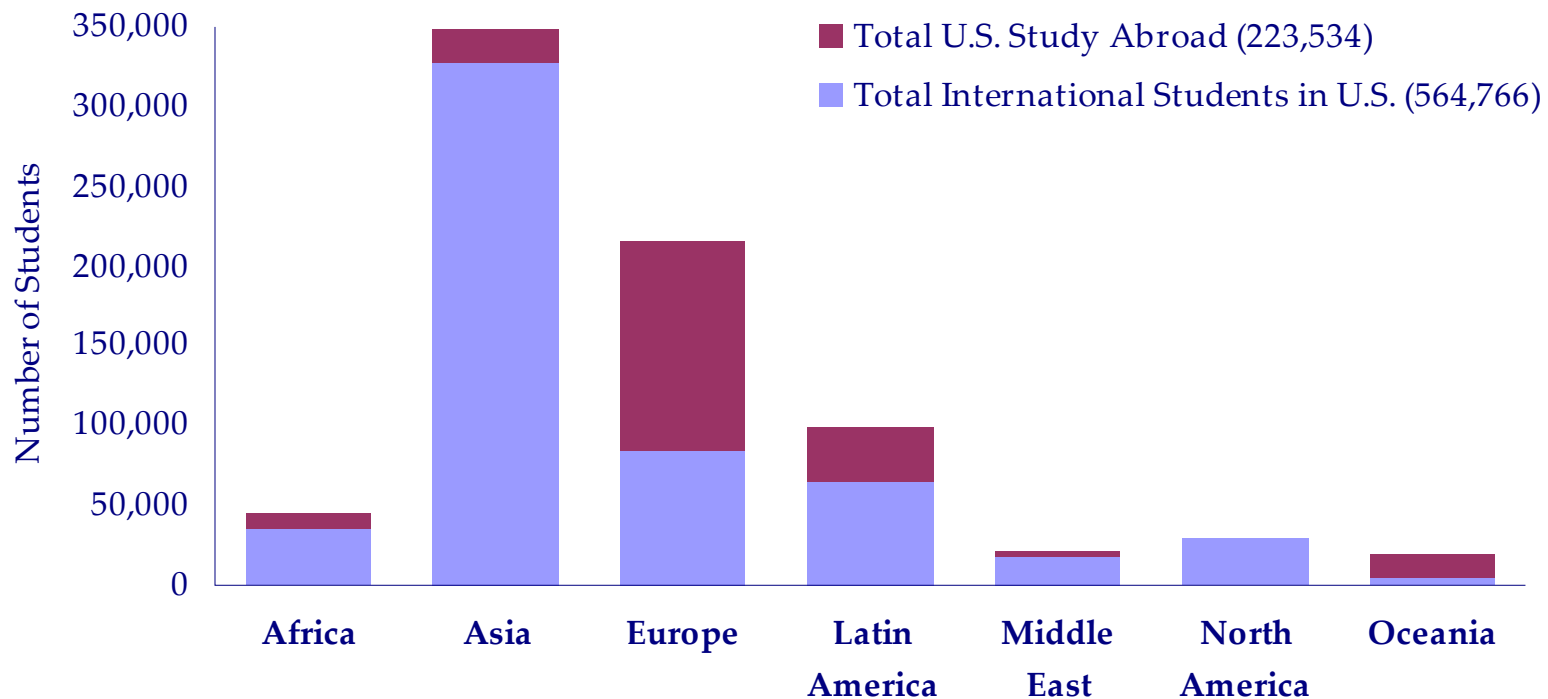
Short-term: Summer, January term, 8 weeks or less

Mid-length: One, Two Quarters, One Semester

Long-term: Academic Year, Calendar Year

International Educational Exchange Balance

There were **2.5 times more international students** studying in the U.S. than U.S. students studying abroad in **2005/06**.



Global Student Mobility

Project Atlas: Tracking International Mobility

<http://atlas.iienetwork.org>

The screenshot displays the Project Atlas website. At the top, it features the 'ATLAS OF STUDENT MOBILITY' logo and the Institute of International Education (IIE) logo. A navigation menu on the left includes links for Atlas Home, Destinations, Places of Origin, Articles and Papers, Resources, Community, and Open Doors. Below this is a search section with dropdown menus for 'Destination Country' and 'Place of Origin'. Further down, there are links for 'OTHER IIE RESOURCES' such as IIE Online, IIE Network, IIE Bookstore, IIE Passport, Fulbright Web, Intensive English USA, Funding for U.S. Study, and Study Abroad Funding. A 'Site Map' and 'Contact Information' section is also present, listing the IIE's address in New York, NY.

The main content area features a 'Welcome to Project Atlas' message, stating that Project Atlas tracks migration trends of millions of students. It includes a 'News and Events' section with a 'New!' announcement about ANUIES (National Association of Universities and Higher Education Institutions) from Mexico joining as a partner. Below this is a 'Promotional Activities and Policies' section, followed by a 'CSC-IIE Mobility Conference' section with a photo of the event and text describing its collaboration with the China Scholarship Council (CSC) in Beijing, China, in 2006.

On the right side, there is a 'Project Atlas Partners' section listing several organizations with their logos: ANUIES, Association of Indian Universities, Association of Commonwealth Universities, BRITISH COUNCIL, China Scholarship Council, DAAD, Edufrance, and education Ireland.

Project Atlas: Measuring Global Student Mobility

- **Mobility data from 21 other countries, through data sharing agreements with agencies around the world**
- **Goal: Building a community of researchers to share accurate and timely data on student mobility**
- **Countries represented: South Africa (IEASA); Australia (AEI); India (AIU); China (CSC); Mexico (ANUIES); Netherlands (NUFFIC); U.K. (British Council); Germany (DAAD); Ireland (Education Ireland); USA (IIE); and many others.**
- **Supported by the Ford Foundation**

India as a destination



ATLAS OF STUDENT MOBILITY

Website of the

INSTITUTE OF
INTERNATIONAL
EDUCATION

SITE SEARCH

Atlas Home

Destinations

Places of Origin

Articles and Papers

Resources

Community

Open Doors

ALL DESTINATIONS &
PLACES OF ORIGIN

Destination Country:

Place of Origin:

OTHER IIE RESOURCES

IIE Online

IIE Network

IIE Bookstore

IIE Passport

Fulbright Web

Intensive English USA

Funding for U.S. Study

Study Abroad Funding

Site Map

Contact Information

Institute of
International Education
809 United Nations Plaza
7th Floor
New York, NY 10017
USA

atlas@iie.org

New Users | Log In

Contact Us

You are here: Atlas of International Student Mobility: Home > Destinations > India 2005



INDIA (2005)



As its tertiary level education places expand, India is becoming a regional host country as well as a leading sending country. India has one of the world's largest higher education systems, comprising more than 350 universities and 16,000 colleges. For information about India as a place of origin for international students please click [here](#).

General Student Data

Total count of all higher education students, both domestic and international:

9,954,000 (2005)

Most recent total for international student enrollment:

13,267 (2005)

Do these counts of international students reflect both public and private institutions?

Yes

How many (or what percentage) of the institutions surveyed include international students?

32% (356 schools surveyed)

Top 10 Sending Places of Origin

Top 10 sending places of origin and percentage of total international student enrollment (in 2005):

1. United Arab Emirate 11.30%
2. Nepal 10.19%
3. Iran 8.44%
4. Bangladesh 7.1%
5. Oman 4.86%
6. Sri Lanka 4.38%
7. Mauritius 3.97%
8. Saudi Arabia 3.15%
9. Kenya 3.15%
10. United States 2.99%

[2004 data >>](#)

Methodolgy & Sources

The **Association of Indian Universities (AIU)** is responsible for collecting international student data. In collaboration with the University Grants Commission, AIU also sets national policies relating to data collection. The AIU is the main source for the student data listed above. Data have been collected on an annual basis up to the present year, 2005. For purposes of collection, an international student is defined as a student from another nationality apart from India. Further data are collected on: field of study; academic level; type of host institution attended; degree/qualification/credential awarded; and sources of student financial support.

For further data or country information, you can visit the following site:

<http://education.nic.in/higedu.asp>

University handbooks and other AIU Publications are also published every year and are made available to the public.

India as sending country



SITE SEARCH

Atlas Home

Destinations

Places of Origin

Articles and Papers

Resources

Community

Open Doors

ALL DESTINATIONS &
PLACES OF ORIGIN

Destination Country:

Place of Origin:

OTHER IIE RESOURCES

IIE Online

IIE Network

IIE Bookstore

IIE Passport

Fulbright Web

Intensive English USA

Funding for U.S. Study

Study Abroad Funding

Site Map

Contact Information

Institute of
International Education
809 United Nations Plaza
7th Floor
New York, NY 10017
USA

atlas@iie.org

New Users | Log In

Contact Us

You are here: Atlas of International Student Mobility: Home > Places of Origin > India

INDIA



Classification: **Low Income**

GNI (2004): **USD \$620**

Population in millions (2004): **1,079.7**

General Information

Number of Tertiary Institutions:
15,437 (2001/02)

Tertiary Enrollment:
9,954,000 (2005)

HDI Rank:
127 (2003)

Education Index:
0.61 (2005)

GINI Index:
32.5 (2005)

Adult Literacy - Percent of Ages 15+:
61 (2003)

Female Literacy as a Percent of Male:
65 (2003)

Net Secondary Enrollment Ratio Percent:
n/a (2002/03)

Infant Mortality Rate Per 1,000 Live Births:
63 (2003)

Definitions

Classification: World Bank country classification based on GNI (gross national income), 2004.

HDI Rank: A summary composite index that measures a country's average achievements in three basic aspects of human development: longevity, knowledge, and a decent standard of living, UNDP 2005.

Students Abroad (2004)

Number of Tertiary Students Abroad:
123,559

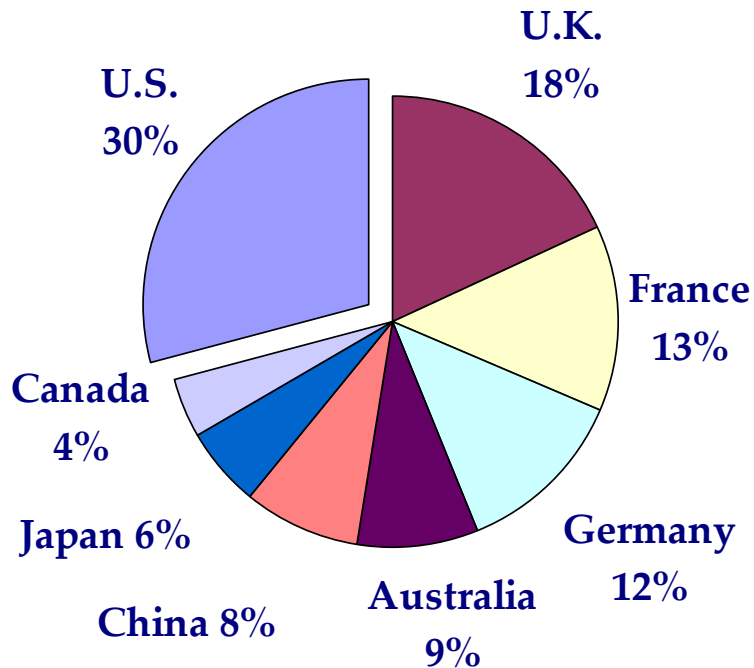
Top Host Destinations (2004)

United States: **79,736 students**
Australia: **15,742 students**
United Kingdom: **14,625 students**
Germany: **4,237 students**
New Zealand: **1,345 students**

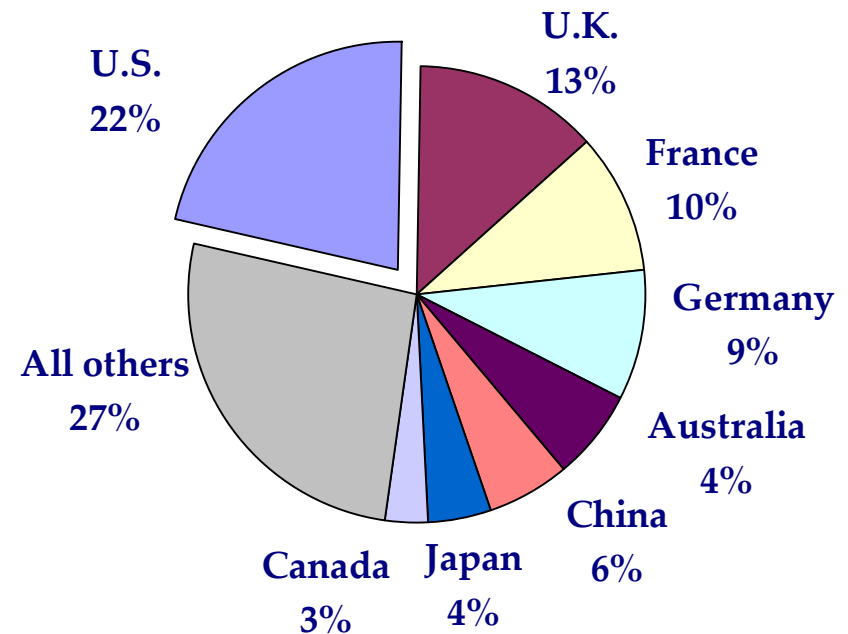
Global Share of International Students

- The U.S. hosts 30% of international students among the eight top destinations, and 22% worldwide.
- Worldwide, international students increased from 2.5 to 2.7 million in the last two years.

Top 8 Destinations



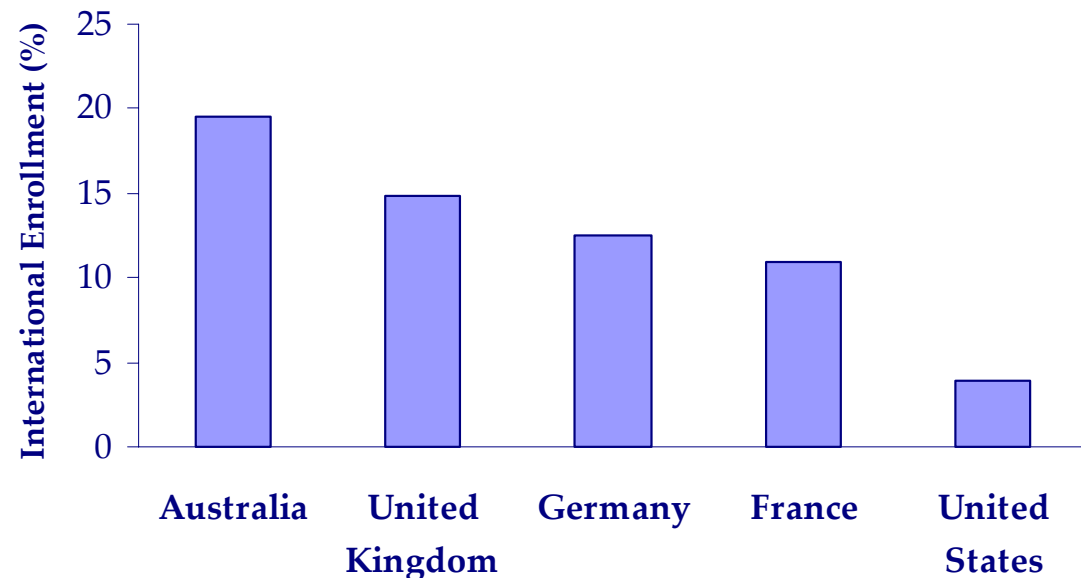
**Worldwide: A Growing Pie
(200,000 additional students)**



Higher Education Capacity of Top Host Destinations: International enrollment as proportion of total enrollment

- **The U.S. has the largest higher education capacity to host international students among the five leading destinations**
- **Substantial scope for expansion and growth in international education**

Leading Five Countries' International Enrollment
as a Percent of Total Higher Education Enrollment



Sources: Project Atlas 2006 data from partner organizations; UNESCO/OECD 2005 data; and IAU World Higher Education Database

Factors likely to affect enrollment shifts:

- **Increased recruitment by other countries**
- **Expanded capacity in home country higher education sectors of major sending countries such as China and India**
- **Domestic (political, economic, social and educational) shifts within key sending countries**
- **Transnational Education (TNE, CBE) and alternative modes of educational delivery**

U.S. Government's Role in International Student Recruitment

- **Decentralized approach typifies the U.S. higher education system and its relation to the federal government**
- **No “Ministry of Education” in U.S. regulates higher education, secondary education or international education**
- **Strong federal commitment to attracting more international students to the United States.**
 - **1. Speeding visa review process**
 - **2. Public Diplomacy**
 - **3. Funding**
 - **4. Outreach to international students**

What is the U.S. Government Doing?

1. Speeding the Visa Review Process

- **Continuing to streamline visa review procedures, with ongoing priority to students and scholars**
- **Increased hiring and training of consular officers, especially in high volume posts.**
- **Expanded training, with focus on importance of international students**
- **Enhanced communication, with visa appointment wait times posted on website**
- **Increased visa issuance: number of student/exchange visas issued in FY07 rose 10.2% (larger increases in busiest posts: Beijing and Mumbai up 40%)**

What is the U.S. Government Doing?

2. Public Diplomacy

- **Strong public endorsement by President Bush, and key cabinet officers on importance of international students**
- **U.S. University Presidents Summit on International Education in January 2006, convened by US President and Secretaries of State and Education. Next Summit in DC: April 2008**
- **University Presidents Delegations to Asia (Japan, Korea, China, India) and Latin America (Brazil, Chile), led by U.S. Secretary of Education and Asst Secretary of State**

What is the U.S. Government Doing?

3. New Programs and Increased Funding

- Increased Funding for *Fulbright Program* and launched the *Fulbright International Science & Technology Fellowships*
- Launched the *Community College Initiative for International Students*
- Created the *Opportunity Grants for U.S. Studies and English Access Micro-scholarships for in-country language training*
- Developed an *Education Initiative for Latin America*
- Renewed *EU-US Atlantis Program* to support joint/dual degree programs

What is the U.S. Government Doing?

4. Supporting the Promotion of U.S. Higher Education

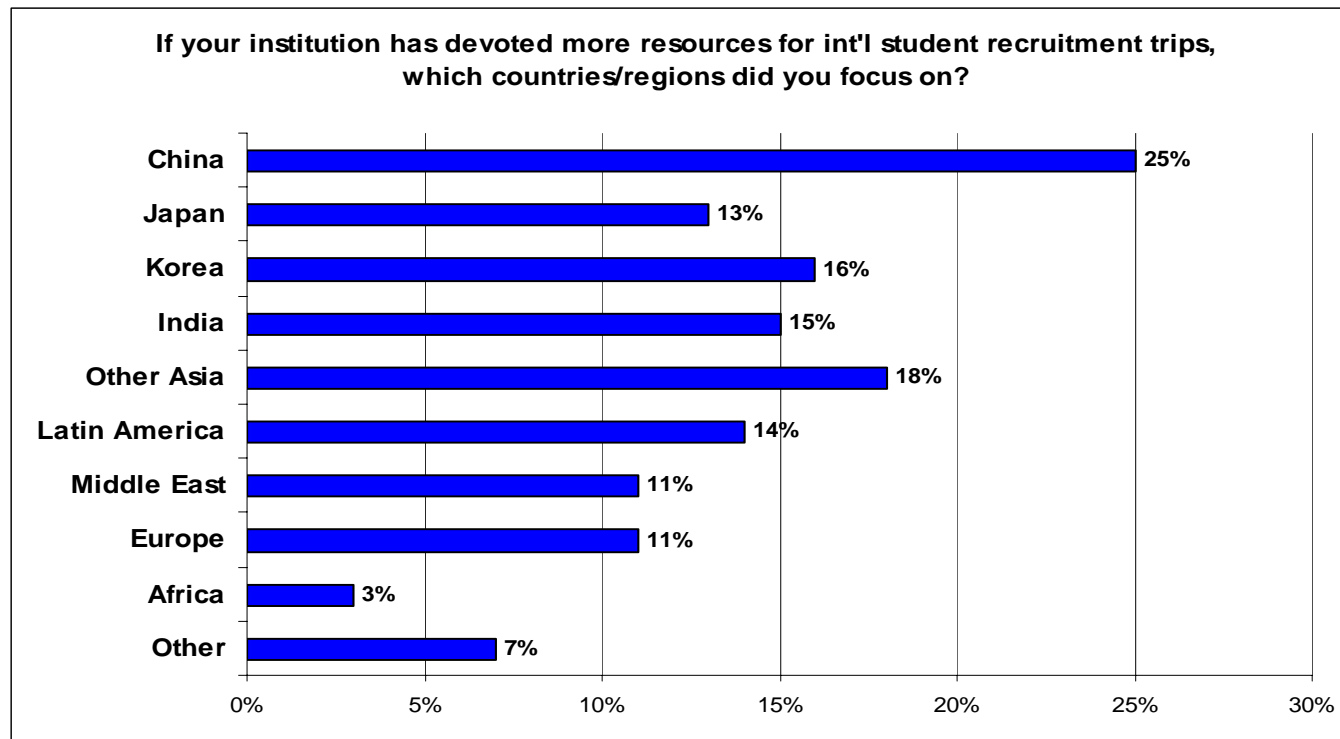
- **U.S. Department of State provides support to EducationUSA Advising Network:**
 - **450 EducationUSA Advising Centers in 170 Countries**
 - **Assisting over 25 million students each year**
 - **USEFI offices house India's Education USA advisors**
- **Advisers provide unbiased, comprehensive information on study opportunities in the U.S., including assistance with:**
 - **Choosing an institution**
 - **Identifying financial aid**
 - **Understanding the admission process**
 - **Applying for a student visa**



What are U.S. Campuses Doing?

- Steps Taken Include:
 - New international programs/collaborations
 - New staff/additional staff time devoted to int'l recruitment
 - New funding for international recruitment trips and marketing
 - New emphasis on dual degree programs abroad

- Recruitment is concentrated on Asia



What is IIE Doing?

- **Helping U.S. campuses meet potential students:**
 - **Over 100 U.S. campuses met with 10,000 local students through IIE 2007 Higher Education Fairs in Asia**
- **Providing direct advice and assistance:**
 - **IIE manages the Regional Educational Advising Coordinators (REACs), who train EducationUSA advisers around the world.**
 - **IIE advises students directly through its own EducationUSA offices in 4 countries.**
 - **IIE briefs each new class of Consular Officers on the importance of international student visas**
 - **IIE offers web-based information on financial aid and for study in the U.S. to all international students.**

IIE's Role in Promoting Study Abroad

- **Scholarship and Exchange Programs:**
 - Freeman Awards for Study Abroad in Asia (Freeman-ASIA)
 - Gilman International Scholarship Program
 - National Security Education Program
 - Fulbright U.S. Student Program
 - Whitaker International Fellows and Scholars Program
- **Providing advice and information to students and advisers:**
 - IIE Passport Study Abroad Directories (www.iiepassport.org) includes over 7,500 study abroad programs for U.S. students
 - Special Featured Countries of the Month
- **New Website and CD-Rom:**
 - StudyAbroadFunding.org – directory of study abroad scholarship, grants and fellowships: www.StudyAbroadFunding.org.

IIE's Online Resources for International Education

- www.iie.org: IIE Homepage
- www.iienetwork.org: Resources for International Educators
- www.opendoors.iienetwork.org: Academic Mobility Data to and from the U.S.
- www.atlas.iienetwork.org: Project Atlas: Global Student Mobility
- www.iiebooks.org: IIE's Online bookstore
- www.iiepassport.org: IIE's directory of over 7,000 study abroad programs
- www.IntensiveEnglishUSA.org: IIE's directory of intensive English programs
- www.FundingUSStudy.org: Funding for U.S. Study: A guide for international students
- www.fulbrightonline.org: Fulbright Program Website