International Students in the U.S.

U.S. Students Studying Abroad

Global Student Mobility
1,094,792
International students in 2017/18, an increase of 1.5%
Thirty-year trend in international student enrollment
International student enrollment by academic level

- Undergraduate: +0.8%
- Graduate: -2.1%
- OPT: +15.8%
- Non-Degree: -10.1%
The U.S. hosts international students from around the globe

- **Top 3**
  - China: 363,341
  - South Korea: 54,555
  - India: 196,271

- **Top 25**
  - 4,001 – 7,400
  - 2,001 – 4,000
  - 1,001 – 2,000
  - 501 – 1,000
  - 251 – 500
  - 1 – 250
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Top 25
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- 251 – 500
- 1 – 250

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#IEW2018  #IIECelebratesIEW2018  #OpenDoorsReport
Places of Origin: Enrollment Trends

India -6.4%
South Korea -7.9%
Saudi Arabia -16.0%
Canada -5.2%
Mexico -10.4%
Turkey -3.7%
Indonesia -4.8%
Venezuela -3.2%
Colombia -3.0%
Places of Origin: Enrollment Trends

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<thead>
<tr>
<th>Region</th>
<th>Change</th>
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<td>+2.3%</td>
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<tr>
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<tr>
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International students make up **5.5%** of all students in U.S. higher education.

California, New York, Texas, and Massachusetts remain top destinations.
Total International students by state

- California: 161,942
- New York: 121,259
- Massachusetts: 68,919
- Texas: 84,036
International student enrollments by region

- **Pacific**: -0.2%
- **Mountain**: -2.7%
- **West North Central**: -5.6%
- **West South Central**: -4.0%
- **East South Central**: +1.6%
- **East North Central**: -4.9%
- **New York**: 121,259
- **Massachusetts**: 68,919
- **New England**: +3.4%
- **Middle Atlantic**: +0.1%
- **South Atlantic**: +0.2%
- **Mountain**: -2.7%
- **Pacific**: -0.2%
- **South**: +0.2%
- **East South Central**: +1.6%
- **New York**: 121,259
- **Massachusetts**: 68,919
- **New England**: +3.4%
- **Middle Atlantic**: +0.1%
- **South Atlantic**: +0.2%
- **East South Central**: +1.6%

*Greater than 3.0% decline, less than 3.0% decline, less than 3.0% growth, greater than 3.0% growth*
Engineering, Business & Management, and Math & Computer Science are top fields of study.

21% of international students major in engineering.
International Students by Field of Study

- Engineering: 21.3%
- Math and Computer Science: 17.0%
- Other STEM: 11.5%
- Business and Management: 17.9%
- Social Sciences: 7.6%
- Fine and Applied Art: 5.8%
- Intensive English: 2.4%
- Undeclared and Other: 16.5%
### What do students from different countries study?

<table>
<thead>
<tr>
<th>Country</th>
<th>STEM</th>
<th>Business and Management</th>
<th>All Other Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>46.0%</td>
<td>20.7%</td>
<td>33.3%</td>
</tr>
<tr>
<td>India</td>
<td>81.1%</td>
<td>9.8%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>74.7%</td>
<td>9.5%</td>
<td>15.8%</td>
</tr>
<tr>
<td>Nepal</td>
<td>73.3%</td>
<td>11.8%</td>
<td>14.9%</td>
</tr>
<tr>
<td>Vietnam</td>
<td>37.7%</td>
<td>27.0%</td>
<td>35.3%</td>
</tr>
<tr>
<td>Venezuela</td>
<td>29.7%</td>
<td>24.4%</td>
<td>46.9%</td>
</tr>
<tr>
<td>Brazil</td>
<td>29.9%</td>
<td>24.2%</td>
<td>46.0%</td>
</tr>
</tbody>
</table>
International students contribute to globalizing U.S. campuses, classrooms, and communities
Contribution by international students to the U.S. economy in 2017: $42.4 Billion

- 64.5% Non-U.S. Funding
- 58.6% Personal and Family
- 5.2% Foreign Gov’t or University
- 0.6% Foreign Private Sponsor
- 0.1% International Organizations
- 18.8% Current Employment
- 15.8% U.S. College or University
- 0.9% Other Source

*Source: U.S. Department of Commerce*
What is happening now, in Fall 2018
Fall Snapshot Survey:

10 Higher Education Association survey partners Distributed in September & October 2018 ~500 responses

Key Findings:

1. Overall enrollment remains flat, 2% decline in new enrollment
2. New enrollment declines vary among institutional characteristics & location
3. Institutions are responding to current landscape through outreach, recruitment, & advocacy
Institutions are prioritizing Asian places of origin for outreach and recruitment

- China: 65.4%
- India: 51.3%
- Vietnam: 51.3%
- South Korea: 45.5%
- Brazil: 40.4%
- Japan: 31.4%
- Saudi Arabia: 29.8%
- Mexico: 27.7%
- Nigeria: 23.4%
- International student already studying in the U.S.: 15.2%
Institutions are concerned about maintaining or increasing enrollment from Asia for Fall 2019

- **Asia**: 56.4% not at all concerned, 24.3% somewhat concerned, 19.3% very concerned
- **China**: 45.3% not at all concerned, 34.9% somewhat concerned
- **Middle East & North Africa**: 50.3% not at all concerned, 25.5% somewhat concerned
- **Latin America & Caribbean**: 51.4% not at all concerned, 21.4% somewhat concerned
- **India**: 43.1% not at all concerned, 28.7% somewhat concerned
- **Sub-Saharan Africa**: 47.8% not at all concerned, 19.1% somewhat concerned
- **Europe**: 44.9% not at all concerned, 11.0% somewhat concerned
- **Canada**: 35.7% not at all concerned, 9.9% somewhat concerned
- **Oceania**: 30.3% not at all concerned, 8.7% somewhat concerned

*Percent of institutions not at all concerned about enrollment*

*Percent of institutions somewhat concerned about enrollment*

*Percent of institutions very concerned about enrollment*
## Multiple factors contribute to shifts in student enrollment

<table>
<thead>
<tr>
<th>Factors Driving Declines</th>
<th>Factors Driving Increases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visa application process or visa delays/denials</td>
<td>More active recruitment efforts</td>
</tr>
<tr>
<td>Social and political environment in the U.S.</td>
<td>Growing reputation and visibility abroad</td>
</tr>
<tr>
<td>Enroll in another country's institutions</td>
<td>More active outreach to admitted students</td>
</tr>
<tr>
<td>(other than the U.S.)</td>
<td>Increased partnerships with recruitment agents</td>
</tr>
<tr>
<td>Cost of tuition/fees at U.S. host institution</td>
<td>Growth of institutional scholarships for int’l students</td>
</tr>
<tr>
<td>Feeling unwelcome in the U.S.</td>
<td>Increased number of linkages with int’l universities</td>
</tr>
<tr>
<td>Securing a job in the U.S. after their studies</td>
<td>Foreign government sponsored scholarship programs</td>
</tr>
<tr>
<td>Physical safety in the U.S.</td>
<td></td>
</tr>
</tbody>
</table>
Actions schools take to welcome international students **IN THEIR COMMUNITY**

- 56% increased outreach to provide information to current and prospective international students
- 48% issued a statement supporting international students
- 46% generated social media that international students are welcome on campus
- 25% engaged with policymakers to educate and urge support for international students
Thank you to our Higher Education Partners
International Students in the U.S.

U.S. Students Studying Abroad

Global Student Mobility
332,727
U.S. students studied abroad for academic credit in 2016/17, an increase of 2.3%

Europe accounts for 54% of study abroad for academic credit
Study abroad to Europe

<table>
<thead>
<tr>
<th>Country</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>+1.8%</td>
</tr>
<tr>
<td>Italy</td>
<td>+1.4%</td>
</tr>
<tr>
<td>Spain</td>
<td>+4.2%</td>
</tr>
<tr>
<td>Germany</td>
<td>+5.8%</td>
</tr>
<tr>
<td>Ireland</td>
<td>+3.8%</td>
</tr>
<tr>
<td>Greece</td>
<td>+21.1%</td>
</tr>
<tr>
<td>France</td>
<td>-4.4%</td>
</tr>
</tbody>
</table>

- Greater than 4.0% growth
- Less than 4.0% growth
- Greater than 4.0% decline
Study abroad to Asia and Oceania

- China: +1.9%
- Australia: +9.1%
- Japan: +5.4%
- India: +12.5%
- South Korea: +4.1%
- Thailand: +32.0%
Study abroad to Africa

South Africa  +4.5%
Ghana        +19.2%
Morocco      +26.2%
Tanzania     +8.8%

Greater than 4.0% growth
Study abroad to Latin America & Caribbean

Mexico +10.8%
Cuba +21.8%
Ecuador +7.2%
Peru +5.2%
Chile +4.5%
Costa Rica -9.9%
Argentina -11.0%

Greater than 4.0% growth
Less than 4.0% growth
Greater than 4.0% decline
26% of study abroad students are STEM majors

Racial and ethnic diversity continues to improve

Women comprise 67% of study abroad students
Strongest growth among STEM majors in 2016/17

- STEM: +4.8%
- Business: +0.9%
- Social Science: +2.7%
- Foreign Lang. & Int’l Studies: +1.1%
- Fine & Applied Art: -5.8%

Strongest growth among STEM majors in 2016/17
STEM fields continue to be underrepresented in study abroad

**STEM**
  - 25.7% of students
  - 38.8% of STEM students

**Business & Management**
- 20.7%
- 15.5%*

**Social Science**
- 17.2%
- 8.9%*

**Foreign Lang. & Intl. Studies**
- 7.3%
- 0.7%*

**Fine & Applied Art**
- 6.3%
- 4.3%*

Study abroad population continues to diversify

U.S. Study Abroad 2006/07: 18.2%
U.S. Study Abroad 2011/12: 23.6%
U.S. Study Abroad 2016/17: 29.2%

- African American or Black
- Asian or Pacific Islander
- Hispanic or Latino(a)
- Multiracial & Other
- White
Targeted outreach, recruitment, and funding helps diversify study abroad participants

- **U.S. Study Abroad 2016/17**: 29.2%
  - African American or Black
  - Asian or Pacific Islander
  - Hispanic or Latino(a)
  - Multiracial & Other
  - White

- **U.S. Higher Education**: 43.1%
  - African American or Black
  - Asian or Pacific Islander
  - Hispanic or Latino(a)
  - Multiracial & Other
  - White

- **Gilman Program 2016/17**: 68.0%
  - African American or Black
  - Asian or Pacific Islander
  - Hispanic or Latino(a)
  - Multiracial & Other
  - White


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Non-credit experiential activities abroad add to diversity
414 institutions also reported 36,975 students in non-credit experiential activities abroad.
Latin America and the Caribbean is the most popular destination for non-credit experiential learning.
Latin America and the Caribbean is the most popular destination for non-credit experiential learning.
U.S. students also pursue full degrees abroad

- United Kingdom: 18,835
  - Undergraduate: 8,355
  - Graduate: 10,480

- Canada: 8,355
  - Undergraduate: 6,264
  - Graduate: 2,091

- France: 6,264
  - Undergraduate: 2,711
  - Graduate: 3,553

- Germany: 3,917
  - Undergraduate: 1,472
  - Graduate: 2,445

- China: 2,879*

- Australia: 2,723
  - Undergraduate: 2,430
  - Graduate: 293

- New Zealand: 2,430
  - Undergraduate: 2,094
  - Graduate: 336

- Spain: 1,707
  - Undergraduate: 1,707
  - Graduate: 0

*total from 2014
International Students in the U.S.

U.S. Students Studying Abroad

Global Student Mobility
The Global View: Five Megatrends

**EXPANSION** of higher education enrollments: 262 million by 2025
Education mobility has doubled since 2000

**DEMOGRAPHIC SHIFTS:** declining youth cohort, e.g. Japan, South Korea, Germany and growth in secondary students seeking HE, e.g. India, Africa

Role of **TECHNOLOGY** in education

Growing nationalism and global **CONFLICTS** resulting in academic displacement
The Global View: How are countries responding?

**Capacity-Building**

- Increasing home country capacity and study abroad
- Training human capital: the role of int’l scholarships
- Attracting global talent through active recruitment
- Ensuring equity, access, and diversity

**Global Engagement**

- South-South collaboration
- Regionalization: Asia, Africa, and Latin America
- University and Consortium Partnerships
Global Competition: Why do countries want international students?

- Internationalization of home campuses
- World-class universities & rankings
- Building knowledge economies; science and innovation
- Educational & cultural exchange
- Revenue: Higher education as an “export”
Mobile post-secondary students: A global look

2001 - 2.1 Million
- United States: 28%
- United Kingdom: 11%
- Germany: 9%
- France: 7%
- Australia: 4%
- Japan: 3%
- Spain: 2%
- Belgium: 2%
- All others: 34%

2017 - 5.0 Million
- United States: 22%
- United Kingdom: 10%
- China: 10%
- Australia: 7%
- Canada: 7%
- France: 7%
- Russia: 6%
- Germany: 5%
- All others: 25%

2001

2017
Select host countries and their targets

CANADA
450,000
by 2022

JAPAN
300,000
by 2020

GERMANY
350,000
by 2020

CHINA
500,000
by 2020

Project Atlas®
What do students want?

- High quality academic experiences
- Personal and professional growth, including close interaction with professors doing cutting edge science, research and innovation
- Internships and experiential learning
- Affordability
- Post-study opportunities; skilled migration policies
Online Resources

#OpenDoorsReport #IEW2018 @IIEResearch @IIEGlobal

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iie.org/mobility eca.state.gov studyabroad.state.gov

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