

Office of International Students & Scholars



Global Student Mobility and International Students at MSU

Financial Administrator Development Program

October 24, 2016

James Dorsett

OISS Director



Topics for Today

Global International Student Mobility Trends & Changes

U.S. International Student Mobility Trends & Changes

MSU International Student Trends & Changes



International Student

Q: Who is an international student who comes to the United States?

A: Anyone studying at an institution of higher education in the United States on a temporary visa that allows for academic coursework. These include primarily holders of F (student) visas and J (exchange visitor) visas.

--Open Doors, Institute for International Education



Global Student Mobility

- OECD estimates there are about 4.3 million mobile students
- Number of mobile students is expected to double to 8 million by 2025
- U.S. has largest market share with 22.6%
 - down from 30% just a few years ago
- U.K., Australia, Canada, China, Singapore, South Africa want to be education hubs
- U.S. has no overall plan



Global Student Mobility

Top 10 Sending Countries

| | | |
|---------------|---------|--------|
| China | 712,157 | 16.50% |
| India | 181,872 | 4.20% |
| Germany | 119,123 | 2.80% |
| South Korea | 116,942 | 2.70% |
| France | 84,059 | 2.00% |
| Saudia Arabia | 73,548 | 1.70% |
| United States | 60,292 | 1.40% |
| Malaysia | 56,260 | 1.30% |
| Viet Nam | 53,546 | 1.20% |
| Nigeria | 52,066 | 1.10% |

IIE Project Atlas
2014

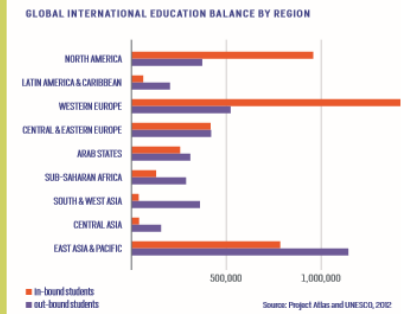
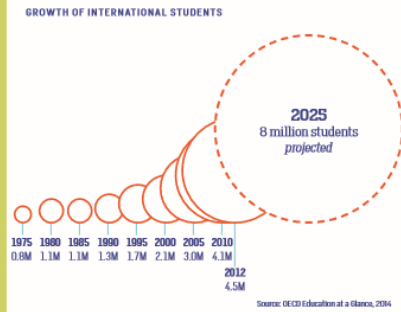
Top 10 Receiving Countries

| | | |
|----------------|---------|--------|
| United States | 974,926 | 22.60% |
| United Kingdom | 493,570 | 11.50% |
| China | 377,054 | 8.80% |
| Germany | 301,350 | 7.00% |
| France | 298,902 | 6.90% |
| Australia | 269,752 | 6.30% |
| Canada | 268,659 | 6.20% |
| Japan | 139,185 | 3.20% |
| Netherlands | 90,389 | 2.10% |
| New Zealand | 46,659 | 1.10% |

Unesco Institute of Statistics
2014

Global Student Mobility

A QUICK LOOK AT Global Mobility Trends

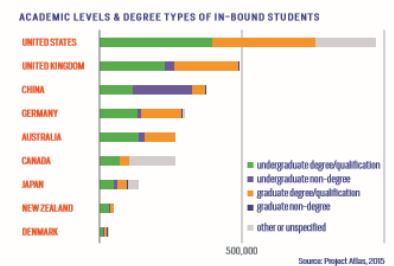
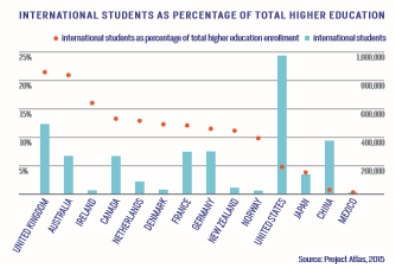
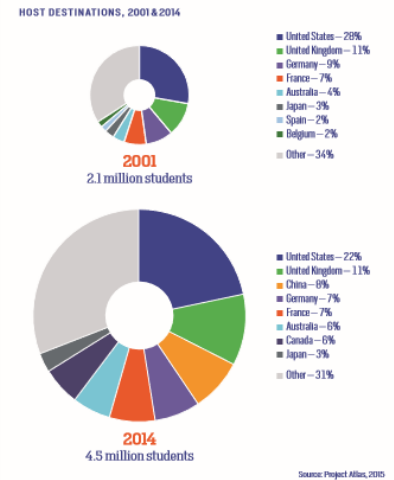


IN-BOUND STUDENTS IN SELECT COUNTRIES

| | 2013 | 2014 | % change |
|----------------|---------|---------|----------|
| United States | 886,052 | 974,926 | +10.0% |
| United Kingdom | 481,050 | 493,570 | +2.6% |
| China | 356,499 | 377,054 | +5.8% |
| Germany | 282,201 | 301,350 | +6.8% |
| France | 295,092 | 298,902 | +1.3% |
| Australia | 247,093 | 269,752 | +9.2% |
| Canada | 237,635 | 268,659 | +13.1% |
| Japan | 135,519 | 139,185 | +2.7% |
| Netherlands | 87,073 | 90,389 | +3.8% |
| New Zealand | 41,609 | 46,659 | +12.1% |
| Denmark | 32,960 | 32,076 | -2.7% |
| Norway | 23,732 | 25,660 | +8.1% |
| Mexico | 11,809 | 12,789 | +8.3% |

Source: Project Atlas, 2015

Project Atlas® 2015

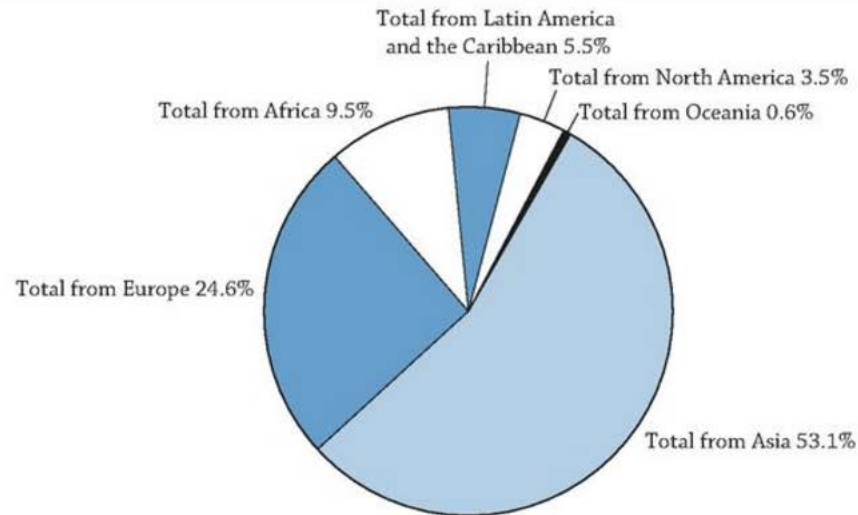





Global Grad Student Mobility

Figure C4.3. Distribution of internationally mobile students studying in OECD countries at the master's and doctoral or equivalent levels, by region of origin (2014)

Percentage of mobile students enrolled in OECD countries



Source: OECD. Table C4.4. See Annex 3 for notes (www.oecd.org/education/education-at-a-glance-19991487.htm).

StatLink  <http://dx.doi.org/10.1787/888933398558>

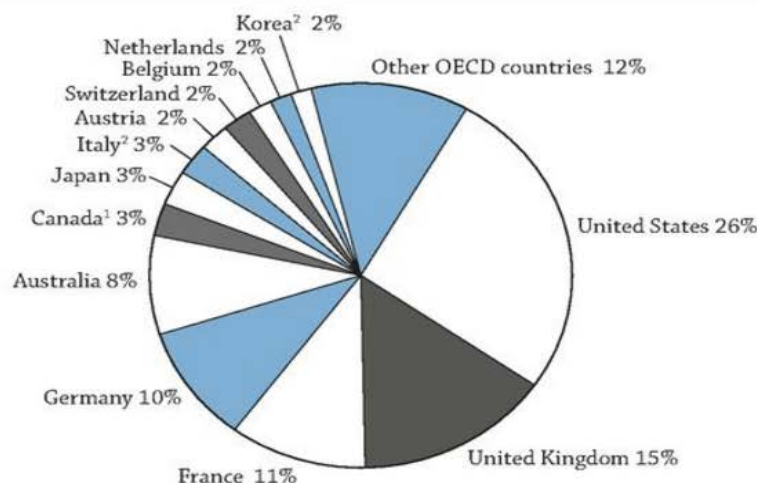
Source: Education At A Glance 2016
OECD Indicators



Global Grad Student Mobility

■
Figure C4.2. Distribution of foreign and international students in OECD countries at the master's and doctoral or equivalent levels, by country of destination (2014)


International tertiary students in each country of destination, as a percentage of the OECD total



1. Data refer to foreign instead of international students.

2. Year of reference 2013.

Source: OECD, Table C4.5. See Annex 3 for notes (www.oecd.org/education/education-at-a-glance-19991487.htm).

StatLink  <http://dx.doi.org/10.1787/888933398548>

Source: Education At A Glance 2016
OECD Indicators



Why Competition for Students?

- Economic impact
- Talent attraction (brain gain)
- Smart people are needed for research, to create jobs and innovate
- Only around 14% of U.S. students major in STEM fields--Contrasted with about 40% of international students

Intl Students in U.S.

opendoors®

2015 "Fast Facts"

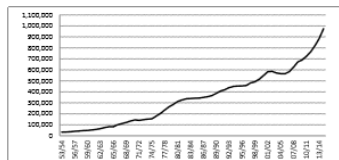
INTERNATIONAL STUDENTS IN THE U.S.

NEW INTERNATIONAL STUDENT ENROLLMENT

| Year | Enrollment | Notes |
|---------|------------|---|
| 2009/10 | 202,970 | New international student enrollment—students |
| 2010/11 | 214,490 | enrollment for the first time |
| 2011/12 | 228,467 | at a U.S. institution in |
| 2012/13 | 250,920 | fall 2014—increased by 8.8% |
| 2013/14 | 270,128 | over the previous year. |
| 2014/15 | 293,766 | |

INTERNATIONAL STUDENT TRENDS

In 2014/15, the number of international students in the U.S. increased by 10.0% to a record high of 974,926 students.



| Year | Total int'l students | % change | U.S. higher education total* | % int'l |
|---------|----------------------|----------|------------------------------|---------|
| 2003/04 | 572,509 | -2.4 | 16,911,000 | 3.4 |
| 2004/05 | 565,039 | -1.3 | 17,272,000 | 3.3 |
| 2005/06 | 564,766 | -0.1 | 17,487,000 | 3.2 |
| 2006/07 | 582,984 | 3.2 | 17,672,000 | 3.3 |
| 2007/08 | 623,805 | 7.0 | 18,248,000 | 3.4 |
| 2008/09 | 671,616 | 7.7 | 19,103,000 | 3.5 |
| 2009/10 | 690,923 | 2.9 | 20,428,000 | 3.4 |
| 2010/11 | 723,277 | 4.7 | 20,550,000 | 3.5 |
| 2011/12 | 764,495 | 5.7 | 20,625,000 | 3.7 |
| 2012/13 | 819,644 | 7.2 | 21,253,000 | 3.9 |
| 2013/14 | 886,052 | 8.1 | 21,216,000 | 4.2 |
| 2014/15 | 974,926 | 10.0 | 20,300,000 | 4.8 |

*Data from the National Center of Education Statistics

TOP U.S. STATES HOSTING INTERNATIONAL STUDENTS

| State | 2013/14 | 2014/15 | % change |
|-----------------|---------|---------|----------|
| 1 California | 121,647 | 135,130 | 11.1 |
| 2 New York | 98,906 | 106,758 | 7.9 |
| 3 Texas | 64,277 | 75,588 | 17.6 |
| 4 Massachusetts | 51,240 | 55,447 | 8.2 |
| 5 Illinois | 42,527 | 46,574 | 9.5 |
| 6 Pennsylvania | 41,446 | 45,704 | 10.3 |
| 7 Florida | 36,249 | 39,377 | 8.6 |
| 8 Ohio | 32,498 | 35,761 | 10.0 |
| 9 Michigan | 29,648 | 32,015 | 8.0 |
| 10 Indiana | 26,406 | 28,104 | 6.4 |

TOP PLACES OF ORIGIN OF INTERNATIONAL STUDENTS

| Rank | Country | 2013/14 | 2014/15 | % of total | % change |
|------|--------------------|----------------|----------------|--------------|-------------|
| | WORLD TOTAL | 886,052 | 974,926 | 100.0 | 10.0 |
| 1 | China | 274,439 | 304,040 | 31.2 | 10.8 |
| 2 | India | 102,673 | 132,888 | 13.6 | 29.4 |
| 3 | South Korea | 68,047 | 63,710 | 6.5 | -6.4 |
| 4 | Saudi Arabia | 53,919 | 59,945 | 6.1 | 11.2 |
| 5 | Canada | 28,304 | 27,240 | 2.8 | -3.8 |
| 6 | Brazil | 13,286 | 23,675 | 2.4 | 78.2 |
| 7 | Taiwan | 21,266 | 20,993 | 2.2 | -1.3 |
| 8 | Japan | 19,334 | 19,064 | 2.0 | -1.4 |
| 9 | Vietnam | 16,579 | 18,722 | 1.9 | 12.9 |
| 10 | Mexico | 14,779 | 17,052 | 1.7 | 15.4 |
| 11 | Iran | 10,194 | 11,338 | 1.2 | 11.2 |
| 12 | United Kingdom | 10,191 | 10,743 | 1.1 | 5.4 |
| 13 | Turkey | 10,821 | 10,724 | 1.1 | -0.9 |
| 14 | Germany | 10,160 | 10,193 | 1.0 | 0.3 |
| 15 | Nigeria | 7,921 | 9,494 | 1.0 | 19.9 |
| 16 | Kuwait | 7,288 | 9,034 | 0.9 | 24.0 |
| 17 | France | 8,302 | 8,743 | 0.9 | 5.3 |
| 18 | Indonesia | 7,920 | 8,188 | 0.8 | 3.4 |
| 19 | Nepal | 8,155 | 8,158 | 0.8 | 0.0 |
| 20 | Hong Kong | 8,104 | 8,012 | 0.8 | -1.1 |
| 21 | Venezuela | 7,022 | 7,890 | 0.8 | 12.4 |
| 22 | Malaysia | 6,822 | 7,231 | 0.7 | 6.0 |
| 23 | Thailand | 7,341 | 7,217 | 0.7 | -1.7 |
| 24 | Colombia | 7,083 | 7,169 | 0.7 | 1.2 |
| 25 | Spain | 5,350 | 6,143 | 0.6 | 14.8 |

TOP U.S. INSTITUTIONS HOSTING INTERNATIONAL STUDENTS, 2014/15

| Rank | Institution | City | State | Students |
|------|---|-----------------|-------|----------|
| 1 | New York University | New York | NY | 13,178 |
| 2 | University of Southern California | Los Angeles | CA | 12,334 |
| 3 | Columbia University | New York | NY | 11,510 |
| 4 | Arizona State University | Tempe | AZ | 11,330 |
| 5 | University of Illinois - Urbana-Champaign | Champaign | IL | 11,223 |
| 6 | Northeastern University | Boston | MA | 10,559 |
| 7 | Purdue University - West Lafayette | West Lafayette | IN | 10,230 |
| 8 | University of California - Los Angeles | Los Angeles | CA | 10,209 |
| 9 | Michigan State University | East Lansing | MI | 8,146 |
| 10 | University of Washington | Seattle | WA | 8,035 |
| 11 | Boston University | Boston | MA | 7,860 |
| 12 | Penn State University - University Park | University Park | PA | 7,728 |
| 13 | University of Michigan - Ann Arbor | Ann Arbor | MI | 7,423 |
| 14 | Ohio State University - Columbus | Columbus | OH | 7,121 |
| 15 | University of Texas - Dallas | Richardson | TX | 7,064 |
| 16 | Indiana University - Bloomington | Bloomington | IN | 7,009 |
| 17 | University of Minnesota - Twin Cities | Minneapolis | MN | 6,984 |
| 18 | University of California - Berkeley | Berkeley | CA | 6,874 |
| 19 | SUNY University at Buffalo | Buffalo | NY | 6,852 |
| 20 | Texas A&M University | College Station | TX | 6,690 |

ACADEMIC LEVEL TRENDS OF INTERNATIONAL STUDENTS

| Year | Under-graduate | % change | Graduate | % change | Non-degree | % change | OPT | % change |
|---------|----------------|----------|----------|----------|------------|----------|---------|----------|
| 2010/11 | 291,439 | 6.2 | 296,574 | 0.9 | 59,233 | 8.1 | 76,031 | 12.1 |
| 2011/12 | 309,342 | 6.1 | 300,430 | 1.3 | 69,566 | 17.4 | 85,157 | 12.0 |
| 2012/13 | 339,993 | 9.9 | 311,204 | 3.6 | 73,529 | 5.7 | 94,919 | 11.5 |
| 2013/14 | 370,724 | 9.0 | 329,854 | 6.0 | 79,477 | 8.1 | 105,997 | 11.7 |
| 2014/15 | 398,824 | 7.6 | 362,228 | 9.8 | 93,587 | 17.8 | 120,287 | 13.5 |

The Institute of International Education (IIE) has conducted an annual census of international students in the U.S. since its founding in 1919. Known as the Open Doors Report since 1954, and supported by the Bureau of Educational and Cultural Affairs of the U.S. Department of State since 1972, the report provides detailed data on student flows into and out of the U.S. Visit us online at: <http://www.iie.org/opendoors>.

INTERNATIONAL STUDENTS IN THE U.S. (cont'd)

PRIMARY SOURCE OF FUNDING

| Source | 2013/14 | 2014/15 | % of total |
|----------------------------------|---------|---------|------------|
| Personal and Family | 574,129 | 619,999 | 63.6 |
| U.S. College or University | 171,218 | 203,337 | 20.9 |
| Foreign Government or University | 66,147 | 75,042 | 7.7 |
| Current Employment | 49,503 | 48,632 | 5.0 |
| Foreign Private Sponsor | 9,574 | 9,735 | 1.0 |
| U.S. Government | 4,186 | 4,915 | 0.5 |
| U.S. Private Sponsor | 4,548 | 4,124 | 0.4 |
| International Organization | 1,696 | 2,489 | 0.3 |
| Other Source | 5,051 | 6,653 | 0.7 |

TOTAL INT'L STUDENTS

| | | | |
|---------|---------|---------|-------|
| 2013/14 | 886,052 | 974,926 | 100.0 |
|---------|---------|---------|-------|

SELECTED FIELDS OF STUDY

| Field | 2013/14 | 2014/15 | % of total | % change |
|-----------------------------------|---------|---------|------------|----------|
| Business and Management | 188,179 | 197,258 | 20.2 | 4.8 |
| Engineering | 170,189 | 196,750 | 20.2 | 15.6 |
| Math and Computer Science | 91,434 | 112,950 | 11.6 | 23.5 |
| Social Sciences | 72,390 | 75,951 | 7.8 | 4.9 |
| Physical and Life Sciences | 70,479 | 73,838 | 7.6 | 4.8 |
| Fine and Applied Arts | 51,195 | 56,758 | 5.8 | 10.9 |
| Intensive English | 43,456 | 49,233 | 5.0 | 13.3 |
| Health Professions | 31,954 | 33,399 | 3.4 | 4.5 |
| Communications and Journalism | 18,678 | 20,161 | 2.1 | 7.9 |
| Education | 17,879 | 17,675 | 1.8 | -1.1 |
| Humanities | 17,930 | 17,504 | 1.8 | -2.4 |
| Legal Studies and Law Enforcement | 12,702 | 13,778 | 1.4 | 8.5 |
| Agriculture | 10,635 | 12,278 | 1.3 | 15.4 |

Intl Student Economic Impact

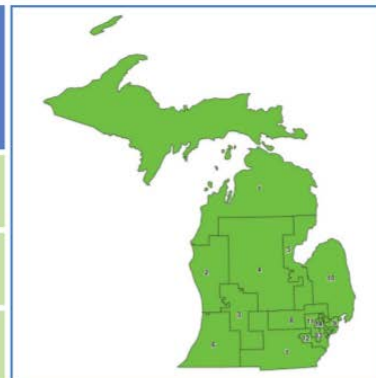


NAFSA
Association of
International Educators

MICHIGAN

Benefits from International Students

| | |
|---------------------------------|---------------|
| FINANCIAL CONTRIBUTION | \$1.0 billion |
| JOBS SUPPORTED | 13,533 |
| INTERNATIONAL STUDENTS ENROLLED | 32,015 |



TOP HIGHER EDUCATION INSTITUTIONS (DOLLARS AND JOBS)

| | |
|--|---|
| 1 Michigan State University, East Lansing \$305.5 million supporting 4,707 jobs | 6 Lawrence Technological University, Southfield \$32.8 million supporting 209 jobs |
| 2 University of Michigan - Ann Arbor, Ann Arbor \$250.0 million supporting 3,807 jobs | 7 Central Michigan University, Mount Pleasant \$27.7 million supporting 377 jobs |
| 3 Wayne State University, Detroit \$73.4 million supporting 1,066 jobs | 8 Eastern Michigan University, Ypsilanti \$26.7 million supporting 168 jobs |
| 4 Michigan Technological University, Houghton \$59.6 million supporting 879 jobs | 9 University of Michigan - Dearborn, Dearborn \$23.9 million supporting 150 jobs |
| 5 Western Michigan University, Kalamazoo \$55.8 million supporting 787 jobs | 10 University of Michigan - Flint, Flint \$21.5 million supporting 133 jobs |

2015 Data from NAFSA: Association of International Educators



Common Perceptions of International Students

- Opportunities to promote international understanding and cross cultural learning
- Foreign policy assets – making friends in the world; educating world leaders; spreading democratic values
- Students with special needs (different from domestic)
- Top academic and research talent; keys to innovation
- Economic imports
- Risks to national security



International Students at MSU

- 1950 390
- 1971 1,132
- 1981 1,450
- 1991 2,372
- 2001 3,021
- 2006 3,526
- 2012 6,599
- 2013 7,161
- 2014 7,642
- 2015 7,568
- 2016 7,264
- **50,344 Total Enrollment**
- **14.4% International**
- **-4% change from 2015**



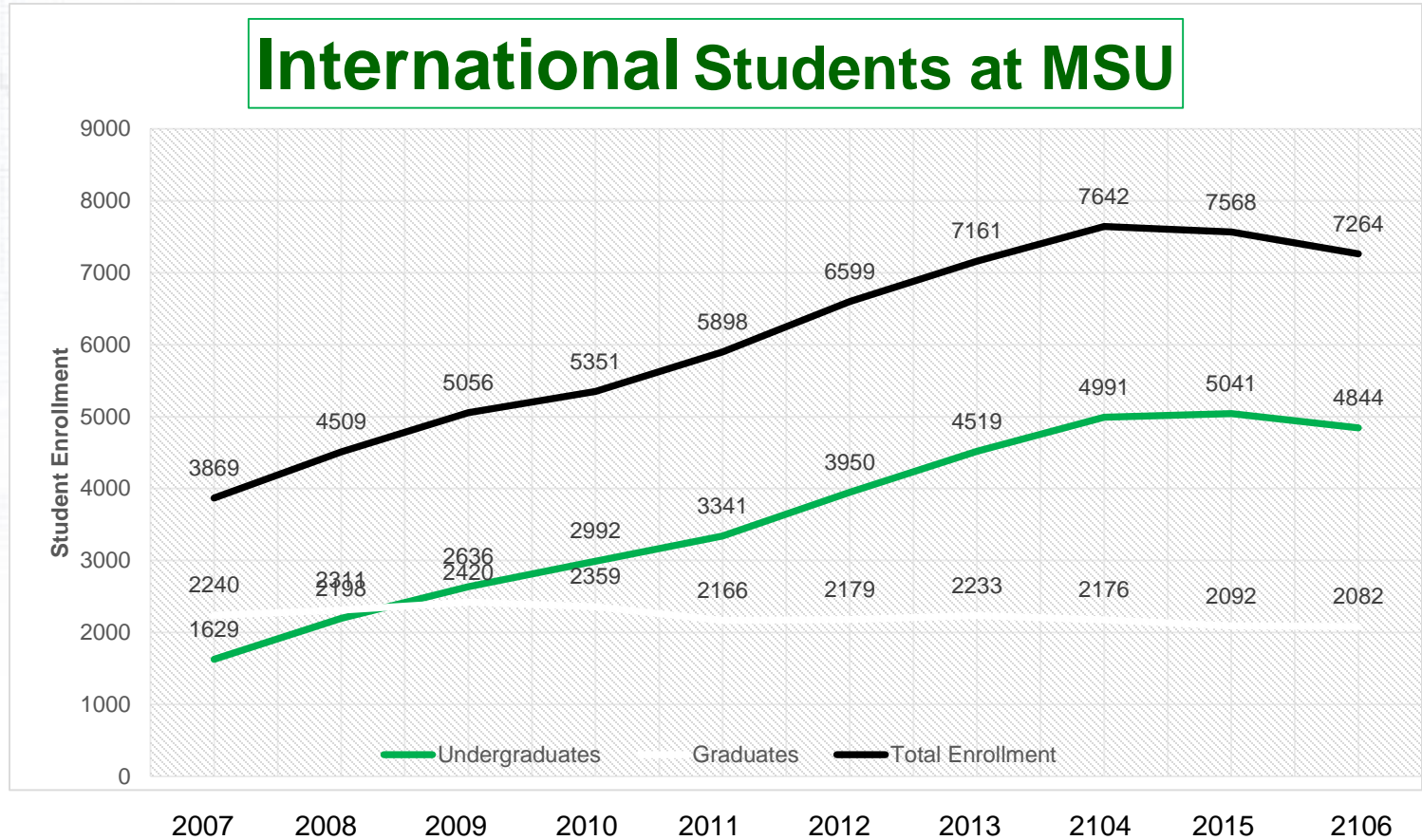
International Students at MSU

| Year | Ugrad | % Ch | % of Total Intl | Grad | % Ch | % of Total Intl | Non degree | % Ch | % of Total Intl Population | Total Intl | % Ch | Total MSU Enrollment | % of Total Student Enrollment |
|----------------------|-------|------|-----------------|------|------|-----------------|------------|------|----------------------------|------------|------|----------------------|-------------------------------|
| 2007 | 1629 | | 42% | 2240 | | | | | | 3869 | | 46,045 | 8.40% |
| 2008 | 2198 | 35% | 49% | 2311 | 3% | 51% | | | | 4509 | 17% | 46,648 | 9.67% |
| 2009 | 2636 | 20% | 52% | 2420 | 5% | 48% | | | | 5056 | 12% | 47,278 | 10.69% |
| 2010 | 2992 | 14% | 56% | 2359 | -3% | 44% | | | | 5351 | 6% | 47,131 | 11.35% |
| 2011 | 3341 | 12% | 57% | 2166 | -8% | 37% | | | | 5898 | 10% | 47,954 | 12.30% |
| 2012 | 3950 | 18% | 60% | 2179 | 1% | 33% | 469 | | 7% | 6599 | 12% | 48,906 | 13.49% |
| 2013 | 4519 | 14% | 63% | 2233 | 2% | 31% | 409 | -13% | 6% | 7161 | 9% | 49,343 | 14.51% |
| 2014 | 4991 | 10% | 65% | 2176 | -3% | 28% | 475 | 16% | 6% | 7642 | 7% | 50,085 | 15.26% |
| 2015 | 5041 | 1% | 67% | 2092 | -4% | 28% | 435 | -8% | 6% | 7568 | -1% | 50,543 | 14.97% |
| 2016 | 4844 | -4% | 67% | 2082 | 0% | 29% | 338 | -22% | 5% | 7264 | -4% | 50,344 | 14.43% |
| % Change 2007 - 2016 | | 197% | | | -7% | | 2012-2016 | -28% | | | 88% | | 6.03% |



International Students at MSU

International Students at MSU





Top 5 Sending Countries

Fall 2016

| | |
|-----------------------------|------|
| China, People's Republic of | 4527 |
| Korea, Republic of | 440 |
| India | 375 |
| Canada | 184 |
| Saudi Arabia | 181 |

Fall 2015

| | |
|-----------------------------|------|
| China, People's Republic of | 4700 |
| Korea, Republic of | 483 |
| India | 342 |
| Saudi Arabia | 222 |
| Taiwan | 187 |

Fall 2014

| | |
|-----------------------------|------|
| China, People's Republic of | 4733 |
| Korea, Republic of | 521 |
| India | 307 |
| Saudi Arabia | 216 |
| Taiwan | 185 |

Fall 2013

| | |
|-----------------------------|------|
| China, People's Republic of | 4383 |
| Korea, Republic of | 563 |
| India | 276 |
| Saudi Arabia | 215 |
| Taiwan | 184 |

Fall 2012

| | |
|-----------------------------|------|
| China, People's Republic of | 3712 |
| Korea, Republic of | 675 |
| India | 300 |
| Saudi Arabia | 243 |
| Taiwan | 191 |

Fall 2011

| | |
|-----------------------------|------|
| China, People's Republic of | 3012 |
| Korea, Republic of | 729 |
| India | 303 |
| Saudi Arabia | 203 |
| Taiwan | 187 |

Fall 2010

| | |
|-----------------------------|------|
| China, People's Republic of | 2408 |
| Korea, Republic of | 778 |
| India | 334 |
| Taiwan | 211 |
| Saudi Arabia | 130 |

Fall 2009

| | |
|-----------------------------|------|
| China, People's Republic of | 1934 |
| Korea, Republic of | 810 |
| India | 397 |
| Taiwan | 243 |
| Canada | 124 |

Fall 2008

| | |
|-----------------------------|------|
| China, People's Republic of | 1542 |
| Korea, Republic of | 1058 |
| India | 483 |
| Taiwan | 260 |
| Canada | 165 |

Fall 2007

| | |
|-----------------------------|------|
| China, People's Republic of | 1032 |
| Korea, Republic | 998 |
| India | 460 |
| Taiwan | 246 |
| Canada | 166 |



Chinese Undergraduates

- 2006 96
- 2007 236
- 2008 676
- 2009 1,223
- 2010 1,649
- 2011 2,213
- 2012 2,845
- 2013 3,458
- 2014 3,848
- 2015 3,857
- 2016 3,687
- 39,090 Total Ugrad Enrollment
- 9.4% of Ugrads are from China
- Currently 50.8% of Intl Student Enrollment
(Chinese undergrads & grads = 62.3% of Intl Student Enrollment)



Why China?

- New wealth and economic ability/recent economic slowdown
- Lack of higher education capacity in China
- Lack of social security network
- One child policy and anxious middle class parents (two child policy still new)
- Liberalization of U.S. student visa practices



OISS Data

MICHIGAN STATE UNIVERSITY

Office for International Students and Scholars

427 N. Shaw Lane, Room 105 | 517-353-1720
www.oiss.msu.edu | oiss@msu.edu

THE MISSION

The Mission of the Office for International Students and Scholars (OISS) is to provide support to Michigan State University's international students, scholars and families.



15%
INTERNATIONAL
7,568 total international students at MSU Fall 2015

5,041
UNDERGRADUATE

2,092
GRADUATE

A WORLD GRANT IDEAL

131
Countries Represented

39
Languages Taught

39
International Clubs

532,000
Living Alumni Worldwide

275
Study Abroad Programs

3,000
Students Travel Abroad a Year

SERVICES:

FEATURED PROGRAMS:

OISS Services & Programs

SERVICES:

Advising on and facilitating compliance with U.S. immigration and regulations.

Conducting orientations and other special programming that help international students and scholars adjust to life at MSU.

Serving as a liaison with U.S. government agencies, foreign embassies, sponsors and educational foundations that support international students and scholars.

Contributing to the internationalization of MSU by providing opportunities for growth through cross-cultural interactions.

FEATURED PROGRAMS:



International Orientation Programs

Designed to help introduce international students to campus.



Intercultural Communication Training

OISS provides workshops for faculty, staff, students and community partners. Sessions often include international student panelists and hands-on learning experiences resulting in a more internationally friendly campus and community.



Global Festival

International students representing dozens of countries around the world come together to share their culture and talents through exhibits and performances.



International Essay Contest

This contest is an opportunity for international students to reflect on their experiences and share their stories at MSU.



Coffee Hour

Join us every Friday from 4-6 pm for weekly Coffee Hour in McDonel Hall. Meet people, make friends, and live an intercultural life.



Globe Awards

This award is given to individuals who have distinguished themselves by their service to international students and scholars.



MSU Impacts/Student Needs

- Admissions, recruitment and retention
- Preparation, ESL and academic support
- Adjustment, transition and counseling
- Emergencies and financial matters
- Community impact
- Attitudes of American students and community
- Immigration and legal issues



OISS Directions & Challenges

- Maintaining strategy of high tech/high touch
- Balancing tensions between compliance and advocacy/support
 - Increased U.S. Government regulations
 - Increasing financial needs of students based on economic, political, natural disaster situations
- Rising tide of undergraduates
 - To help balance MSU's budget
 - But require more time/attention



OISS Directions & Challenges

- Understanding what today's students want
 - Friendships with Americans
 - Experience/internships/ROI
- Collaborating with others
 - Academic departments, residence halls, ELC, Olin health center, Neighborhoods, Career services
 - Part of the internationalization of MSU



OISS Directions & Challenges

- Growing emphasis on supporting international scholars
- Concern with one dominant market: China
- Communication with a large audience
 - Web, e-mail, social media
- Working with community
 - Community Volunteers for Intl Programs
 - Local Police and Fire Departments
 - Global Michigan
 - Global Lansing
 - Global Talent Retention Initiative



The MasterCard Foundation Scholars Program

- MSU chosen as one of six U.S. universities
- MSU's award is \$45 million over nine years
- 185 African students



Thank You!