



# STUDENT AND EXCHANGE VISITOR INFORMATION SYSTEM

### **SEVIS BY THE NUMBERS**

GENERAL SUMMARY QUARTERLY REVIEW
JULY 2014





### **HIGHLIGHTS**

#### STUDENTS AND EXCHANGE VISITORS

- There are currently 966,333 F & M students studying in the United States.
- There are currently 232,988 J-1 exchange visitors in the United States.
- Twenty-eight percent of all F & M students in the United States originate from China.
- Seventy-five percent of all F & M students in the United States are from Asia.
- When compared to July 2013, the number of active F & M students and exchange visitors increased eight percent to 87,370.

#### SEVP-CERTIFIED SCHOOLS

- There are 8,976 SEVP-certified schools in the United States approved to accept international students.
- Seventy-nine percent of SEVP-certified schools have between zero and 50 enrolled F & M students.
- Seventy-two percent of all F & M students are enrolled in bachelor's, master's or doctoral programs.
- Since April 2014, there was a twenty-six percent decrease in the number of all F & M students enrolled in secondary school degree programs; compared to July 2013, there was a ten percent increase.

### **STEM DATA**

- There are 344,299 F & M students studying in science, technology, engineering and mathematics (STEM) fields in the United States.
- Eighty-five percent of all F & M STEM students in the United States originate from Asia.
- Forty-three percent of all F & M STEM students study engineering.
- Sixty-nine percent of all F & M STEM students are males.





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### INTRODUCTION

### WHAT IS THE STUDENT AND EXCHANGE VISITOR PROGRAM (SEVP)?

The Student and Exchange Visitor Program (SEVP), a program within the U.S. Immigration and Customs Enforcement (ICE), is a part of the National Security Investigations Division and acts as a bridge for government organizations that have an interest in information on nonimmigrants whose primary reason for coming to the United States is to be students.

On behalf of the Department of Homeland Security (DHS), SEVP manages schools, nonimmigrant students in the F & M visa classifications and their dependents.

The Department of State manages Exchange Visitor Programs, nonimmigrant exchange visitors in the J visa classification and their dependents. Both SEVP and the Department of State use the Student and Exchange Visitor Information System (SEVIS) to track and monitor schools; exchange visitor programs; and F, M and J nonimmigrants while they visit the United States and participate in the U.S. education system.





### **INTRODUCTION**

## WHAT IS THE STUDENT AND EXCHANGE VISITOR INFORMATION SYSTEM (SEVIS)?

SEVIS is the web-based system that DHS uses to maintain information on SEVP-certified schools and the F & M students who come to the United States to attend those schools. SEVIS also maintains information on Department of State-designated exchange visitor program sponsors and J-1 visa exchange visitor program participants. It is a critical tool in SEVP's mission to protect national security while supporting the legal entry of the more than one million F, M and J nonimmigrants to the United States for education and cultural exchange.





### **INTRODUCTION**

### WHAT IS SEVIS BY THE NUMBERS?

**SEVIS by the Numbers** is a quarterly report using data from the Student and Exchange Visitor Information System (SEVIS), which SEVP uses to track and monitor the status and activities of nonimmigrant students and exchange visitors who enter the United States.

The report highlights key SEVIS data in an engaging way to illustrate trends, values and information on nonimmigrant students studying in the United States.





### **DEFINITIONS**

- Nonimmigrants Person entering the United States to visit, study or work (depending on the type of visa) temporarily but not to stay permanently in the United States.
- F-1 nonimmigrant students Nonimmigrant status conferred on a student pursuing a full program of study in a college, university, seminary, conservatory, academic high school, private elementary school, other academic school or language training program in the United States that is SEVP-certified to enroll F and/or M students.
- **M-1 nonimmigrant students** Nonimmigrant status conferred on a foreign national pursuing a full program of study at an SEVP-certified vocational school or other recognized non-academic school (other than in language training programs).
- J-1 exchange visitors Foreign national selected by a Department of State-designated program to participate in an exchange visitor program.
- STEM Science, technology, engineering and mathematics programs of study.





### **GENERAL OVERVIEW**

Since April 2014, the total number of SEVIS records for active F & M students, exchange visitors and their dependents decreased by 0.4 percent, from 1,350,746 to 1,345,276. The number of J-1 exchange visitors increased 23.68 percent, compared to April 2014. When compared to July 2013, the number of active F & M students and exchange visitors increased 8 percent to 87,370.

### **TOTAL # OF ACTIVE STUDENTS**

STUDENTS (F-1 & M-1) AND EXCHANGE VISITORS (J-1)			
	JULY 2014	APR 2014	% CHANGE
F-1 & M-1	966,333	1,015,178	-4.81%
J-1	232,988	188,382	+23.68%
DEPENDENTS	145,955	147,186	-0.84%
COMPLETED	2,145,375	2,102,565	+2.04%
SCHOOLS AND PROGRAMS			
	JULY 2014	APR 2014	% CHANGE
CERTIFIED SCHOOLS (F & M)	8,976	8,930	+0.52%
DESIGNATED PROGRAMS (J)	1,433	1,432	+0.07%

<sup>\*</sup> F-1/M-1 – Active students considered in F-1 or M-1 status and enrolled in a full course of study.

<sup>\*</sup> Certified Schools – An academic/vocational institution or language training program that has received certification to enroll nonimmigrant students.

<sup>\*</sup> Completed – The student has finished their program of study and intends on/already has returned to their home country.

 $<sup>\</sup>mbox{\ensuremath{^{*}}}\mbox{\ensuremath{J-1}}$  – Active exchange visitor considered in J-1 status and participating in their program.

<sup>\*</sup> Designated Programs – A J-1 program that is approved to accept exchange visitors.







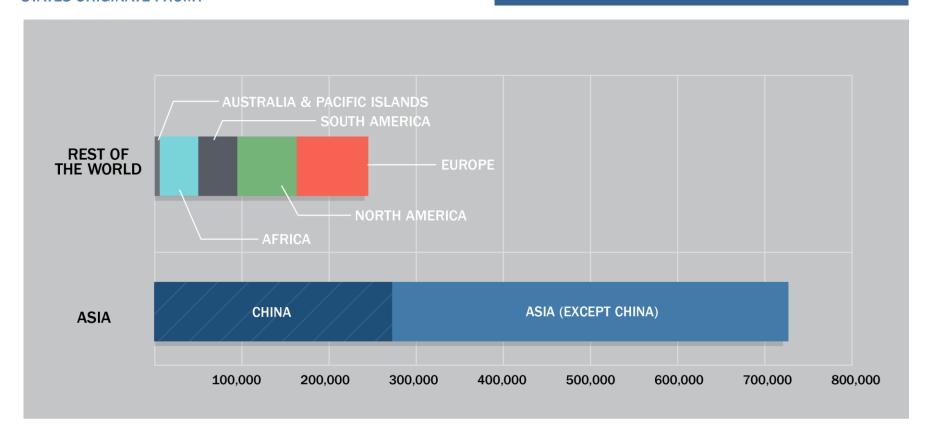




### PLACES OF ORIGIN

WHERE DO NONIMMIGRANT STUDENTS IN THE UNITED STATES ORIGINATE FROM?

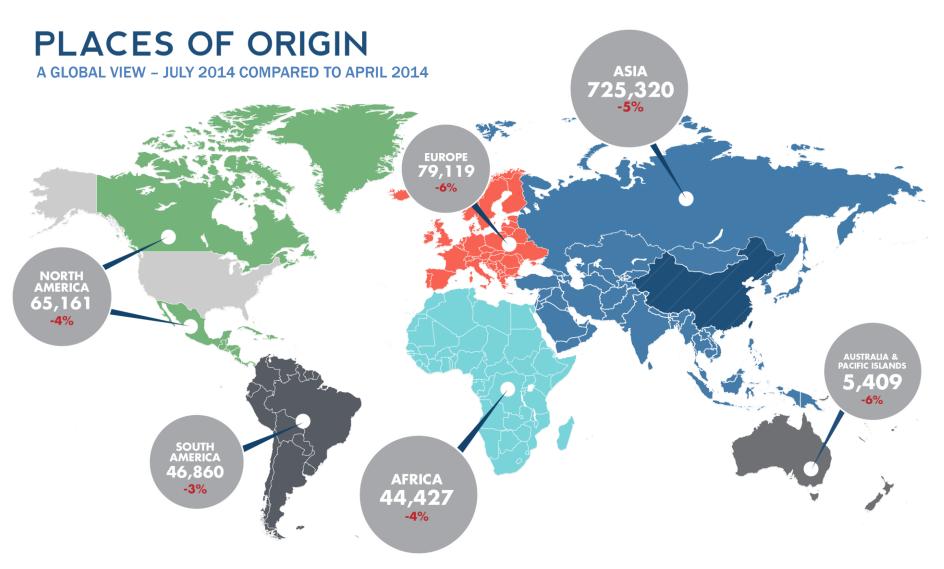
This chart and the following maps show the areas of origin for F & M students by continent and sub-region.



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.







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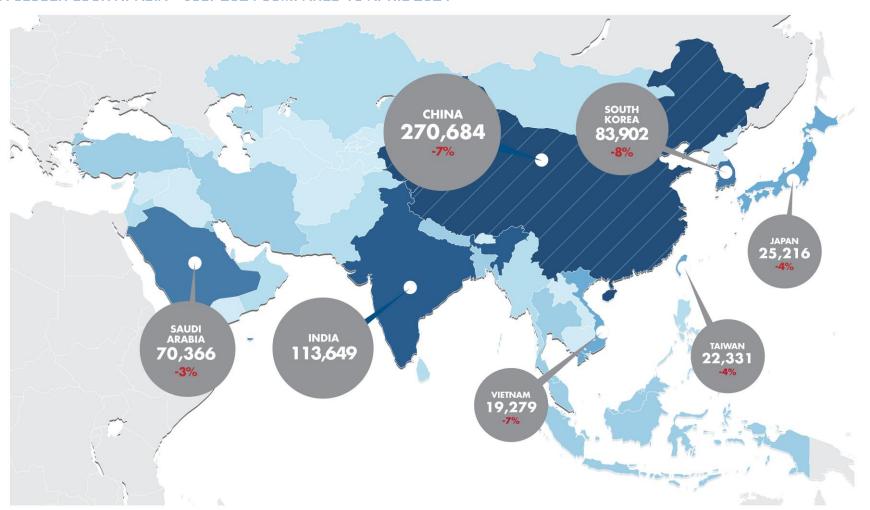
<sup>\*</sup> Percentages compare July 2014 values to April 2014 values. No value indicates a less than 1% +/- change.





### PLACES OF ORIGIN

A CLOSER LOOK AT ASIA - JULY 2014 COMPARED TO APRIL 2014



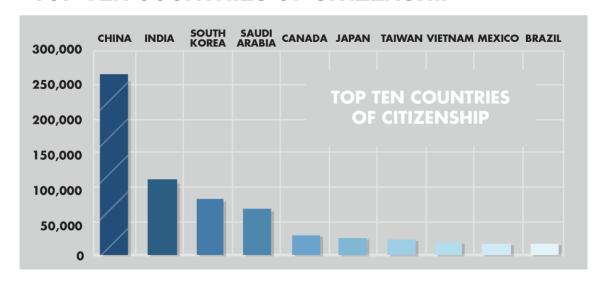
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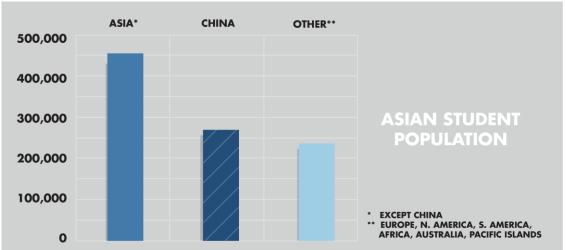


### **TOP TEN COUNTRIES OF CITIZENSHIP**



28%

of all F & M students originate from China, followed by 12% from India.



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.





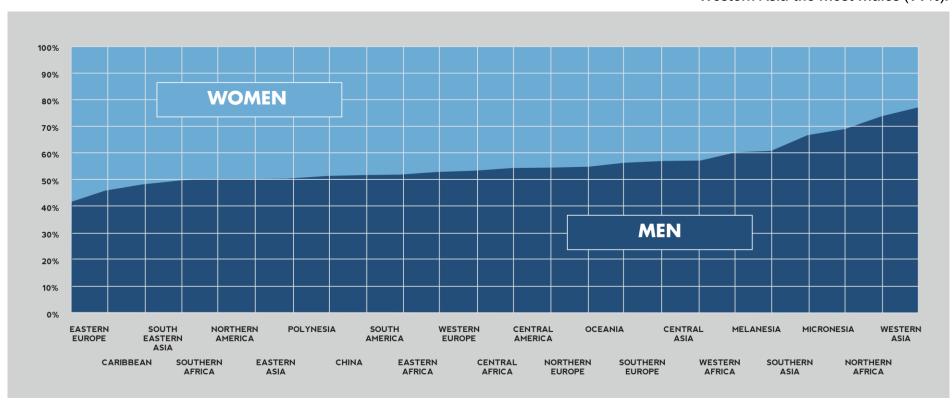
### STUDENTS BY GENDER

## How many male F & M students come to the United States compared to females?

The below graph shows the United States proportion of male versus female F & M students from each region of the world.

56%

of all F & M students studying in the United States are males. Eastern Europe sends the most females (58%) and Western Asia the most males (77%).



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.





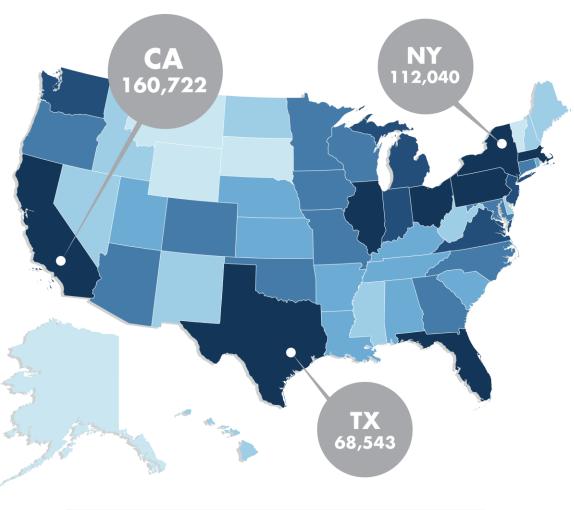
### **STUDENTS BY STATE**

Which states host the highest population of F & M students?

35%

of all F & M students study in CA, NY and TX.

CONTINENT	DESTINATION
ASIA	CA: 18%
EUROPE	CA: 19%
AUSTRALIA & PACIFIC ISLANDS	CA: 17%
AFRICA	TX: 13%
NORTH AMERICA	NY: 14%
SOUTH AMERICA	FL: 19%









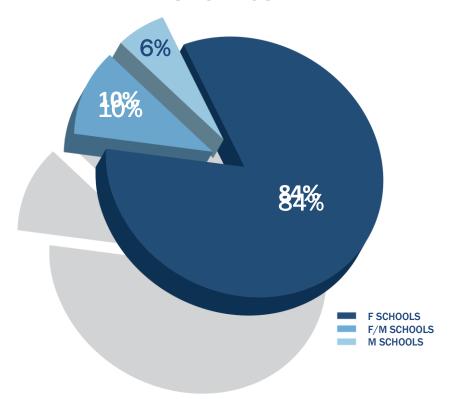
# **SCHOOLS**



### **CERTIFIED SCHOOLS**

Which SEVP-certified schools have the largest population of F & M students per visa category?

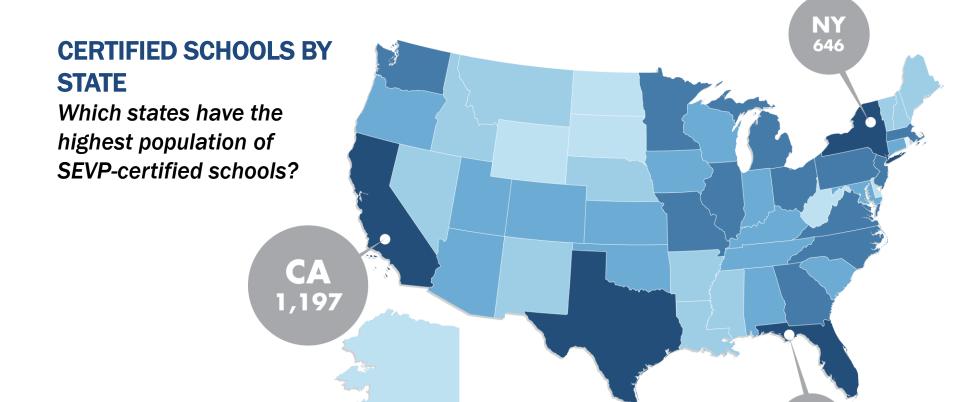
### PERCENT OF SCHOOLS BY VISA CATEGORY



TOP FIVE F-1 APPROVED SCHOOLS			
SCHOOL NAME	# OF ACTIVE STUDENTS		
UNIVERSITY OF SOUTHERN CALIFORNIA	10,498		
PURDUE UNIVERSITY	9,327		
UNIVERSITY OF ILLINOIS	9,196		
NEW YORK UNIVERSITY	9,041		
COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	8,988		
TOP FIVE F-1 & M-1 APPROVED	SCHOOLS		
SCHOOL NAME	# OF ACTIVE STUDENTS		
CORNELL UNIVERSITY	4,920		
SANTA MONICA COLLEGE	3,390		
HOUSTON COMMUNITY COLLEGE SYSTEM	3,314		
THE UNIVERSITY OF IOWA	3,139		
COMPUTER SYSTEMS INSTITUTE	2,228		
TOP FIVE M-1 APPROVED SCI	H00LS		
SCHOOL NAME	# OF ACTIVE STUDENTS		
TRANSPAC AVIATION ACADEMY	320		
U.S. AVIATION ACADEMY			
CAE GLOBAL ACADEMY PHOENIX, INC.			
DEAN INTERNATIONAL, INC	227		
IASCO Flight Crew Training Center	222		
# OF SCHOOLS BY ACTIVE STUDENT	ENROLLMENT		
# OF SCHOOLS	# OF ACTIVE STUDENTS		
22	>5,000		
1,001-5,000			
171	501-1,000		
59 101-500			
51-100			
,902 11-50			
2,994 1-10			
2,164 17   Real	0 -time SEVIS Data from July 8, 201		







of all SEVP-certified schools are located within the states of CA, NY and FL.

27%



FL 550





### LEVEL OF EDUCATION

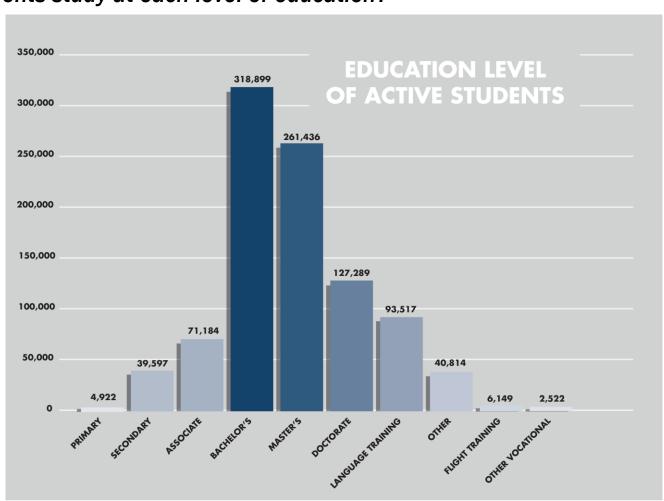
### How many F & M students study at each level of education?

72%

of all F & M students are enrolled in bachelor's, master's or doctoral programs.

26%

decrease in the number of all F & M students enrolled in secondary school degree programs since April 2014. When compared to July 2013, there was a 10% increase.







### **TOP MAJORS**

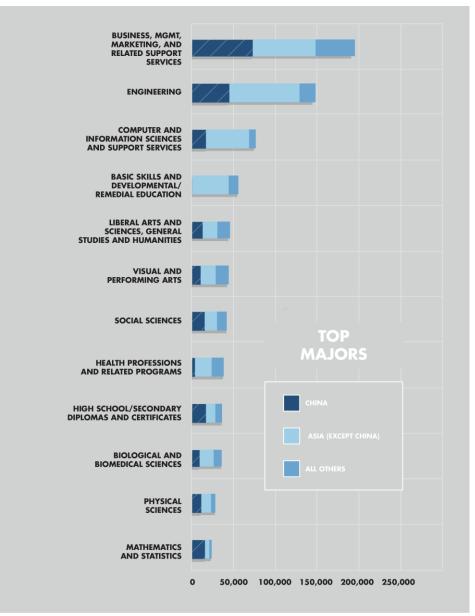
What are the most popular majors among F & M students studying in the United States?

45%

of all F & M students in theology and religious vocations programs originate from South Korea.

31%

of all F & M students in leisure and recreational activities programs originate from Japan and South Korea.



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.





# STEM DATA





### STEM FIELDS OF STUDY

Science, technology, engineering and mathematics (STEM) are popular programs at American colleges and universities. Graduates from these programs are important to innovation and job creation in the United States.

An F-1 and/or M-1 student can find STEM programs at all educational levels. Many colleges and universities offer programs in these fields at both the undergraduate and graduate levels. Community colleges also have a variety of STEM programs in which a student may enroll.

STEM programs are classified according to the Classification of Instructional Programs codes developed by the U.S. Department of Education's National Center for Education Statistics.



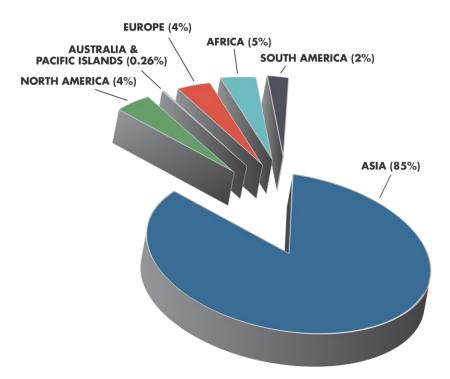


### STEM STUDENTS, SCHOOLS AND FIELDS OF STUDY

How many STEM F & M students are in the United States and where and what do they study?

#### TOTAL # OF STEM AND ALL F & M STUDENTS

### PERCENT OF STEM F & M STUDENTS IN THE UNITED STATES PER CONTINENT

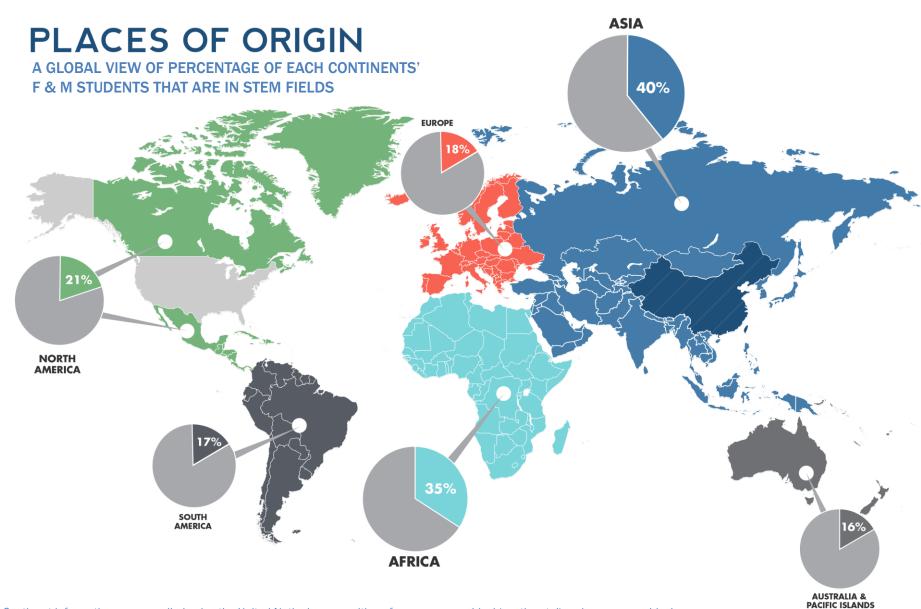


STUDENTS (F-1 & M-1)			
	STEM	ALL F & M	PERCENTAGE IN STEM
F-1 & M-1 STUDENTS	344,299	981,440	36%
TOP THREE STEM	SCHOOLS FOR F-:	1 AND M-1 STUDE	NTS
SCHOOL	# OF STEM S	STUDENTS	
PURDUE UNIVERSITY		6,314	
UNIVERSITY OF SOUTHERN CA		5,845	
UNIVERSITY OF ILLINOIS		5,348	
TOP THREE STEM MAJORS FOR F-1 AND M-1 STUDENTS			
MAJOR		# OF STEM	STUDENTS
ENGINEERING			148,164
COMPUTER AND INFORMATION SUPPORT SERVICES		75,309	
BIOLOGICAL AND BIOMEDICAL		35,580	

<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.







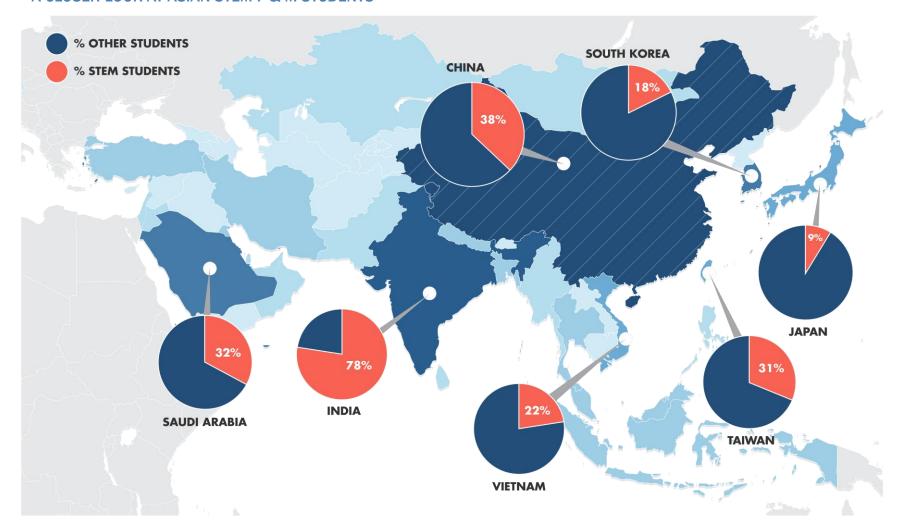
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### PLACES OF ORIGIN

A CLOSER LOOK AT ASIAN STEM F & M STUDENTS







**STEM STUDENTS BY STATE** 

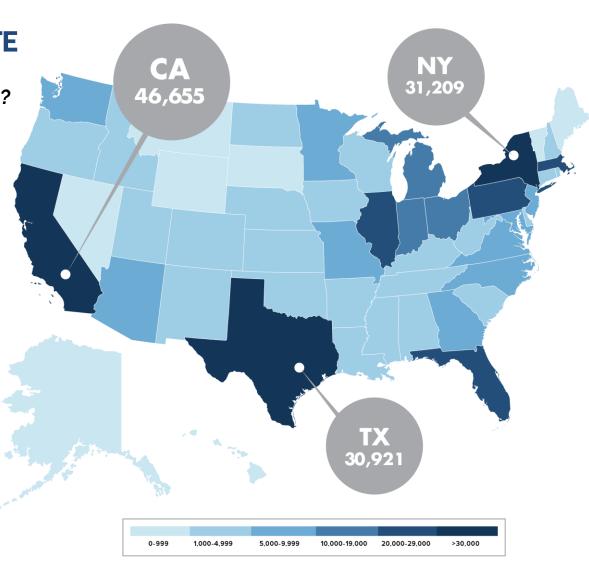
Which states host the greatest population of F & M STEM students?

31%

of all F & M STEM students study in CA, NY and TX.

### TOP THREE STATES WITH LARGEST PERCENTAGE OF F & M STEM STUDENTS

STATE	% of STEM STUDENTS
INDIANA	46%
TEXAS	45%
MICHIGAN	45%







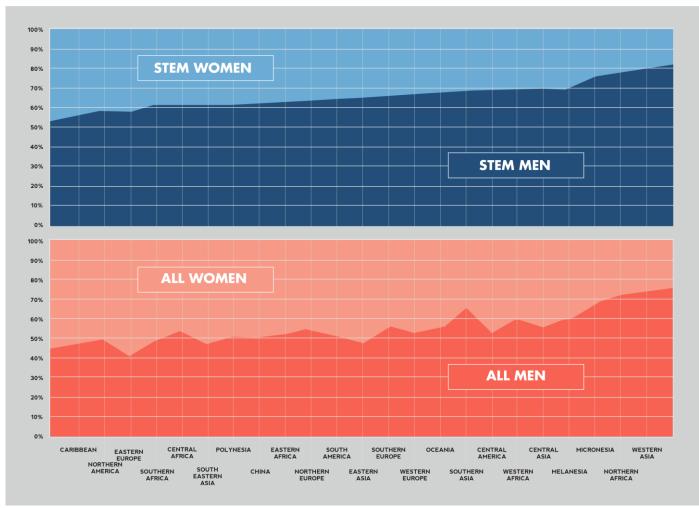
### STEM STUDENTS BY GENDER

How many male F & M students are in STEM fields in the United States compared to females?

The following graphs show the proportion of STEM F & M male and female students versus all F & M students from each region of the world.

69%

of all F & M students studying in STEM fields in the United States are male. The Caribbean sends the most females (44%) and Western Asia the most males (85%).



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.

27 | Real-time SEVIS Data from July 8, 2014





### **TOP 10 STEM DEGREES**

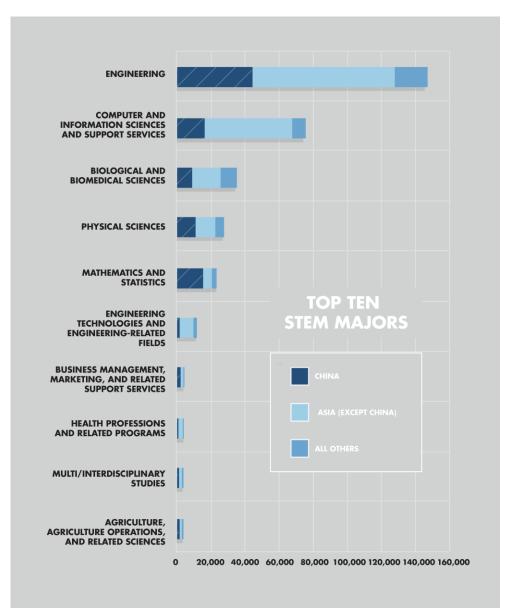
What are the most popular STEM majors among F & M students studying in the United States?

**75%** 

of all F & M STEM students study engineering, computer and information sciences and support services, and biological and biomedical sciences.

70%

of all F & M STEM students studying engineering originate from China and India.



<sup>\*</sup> Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.





# FOCUS ON CHINA





### **GENERAL OVERVIEW**

The People's Republic of China (China) is the most common country of origin for F & M students studying in the United States. More students studying STEM fields originate from China than any other country.

At 270,684 total students, China has more students studying in the United States than all other continents, excluding Asia. Since April 2014, there was a 27 percent decrease in the number of students from China in the secondary education level, which mirrors the quarterly trend in nonimmigrant students studying in the United States. However, there was only an 11 percent decrease in the number of students from China pursuing bachelor's, master's or doctorate degrees.

### TOTAL # OF ACTIVE STUDENTS

TOTAL # OF ACTIVE STUDENTS FROM CHINA			
	MALE	FEMALE	TOTAL
ALL F-1 & M-1	138,979	131,617	270,596
STEM F-1 & M-1	67,169	37,234	104,403
TOP STATES OF STUDY FOR F-1 & M-1 CHINESE STUDENTS			
STATE			TOTAL

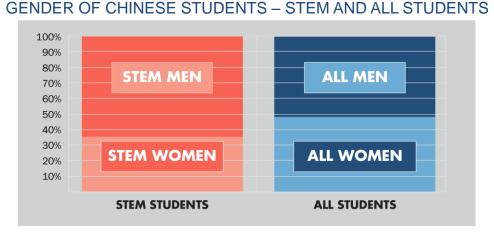
STATE	TOTAL
CALIFORNIA	44,585

31,046 **NEW YORK** 

**PENNSYLVANIA** 14.675

**MASSACHUSETTES** 

**ILLINOIS** 



16,147

13,273





### **TOP MAJORS - CHINA**

What are the most popular majors among F & M students studying in the United States from China?

43%

of all F & M STEM students from China study business, management, marketing, and related support services and engineering programs.

