



U.S. Immigration  
and Customs  
Enforcement

# SEVP

STUDENT AND EXCHANGE VISITOR PROGRAM

## STUDENT AND EXCHANGE VISITOR INFORMATION SYSTEM

### SEVIS BY THE NUMBERS

GENERAL SUMMARY QUARTERLY REVIEW

FEBRUARY 2015

# HIGHLIGHTS

## GENERAL DATA

- There are currently 1.13 million F & M students studying in the United States.
- There are currently 200,799 J-1 exchange visitors in the United States.
- There are 8,979 U.S. schools certified by SEVP to enroll international students.
- Seventy-six percent of SEVP-certified schools have 50 or less enrolled F & M students.
- Seventy-three percent of all F & M students are enrolled in bachelor's, master's or doctoral programs.
- There are 414,613 F & M students studying science, technology, engineering and mathematics (STEM) fields in the United States.
- Thirty-three percent of all F & M STEM students are female.
- Ninety-one percent of all active F & M students in computer and information sciences and support services are from Asian nations.

## TRENDS

- Compared to February 2010, the total number of active female F & M STEM students studying in the United States increased 68 percent, from 76,638 students in 2010 to 128,807 students in 2015.
- Compared to February 2010, the total number of active female F & M STEM students studying at schools in Delaware and Washington increased more than 120 percent.
- Compared to February 2010, the total number of active female F & M STEM students studying in engineering technologies and engineering-related fields programs increased by 215 percent.

## NEW THIS QUARTER

- You can now view the SEVIS by the Numbers data in an interactive form on Study in the States. Please go to <http://studyinthestates.dhs.gov/sevis-by-the-numbers> to view this new tool.

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

The U.S. 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 that highlights nonimmigrant student and exchange visitor trends and information 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

- **Nonimmigrant** – 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 student** – 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 student** – 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 visitor** – 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 October 2014, the total number of SEVIS records for active F & M students, exchange visitors and their dependents increased by 1.60 percent, from 1,466,102 to 1,489,573. When compared to January 2014, the number of active F & M students, exchange visitors and their dependents increased 13.23 percent.

### TOTAL # OF ACTIVE STUDENTS

STUDENTS (F-1 & M-1) AND EXCHANGE VISITORS (J-1)			
	FEBRUARY 2015	OCTOBER 2014	% CHANGE
F-1 & M-1	1,132,636	1,112,616	+1.80%
J-1	200,799	200,782	+0.01%
DEPENDENTS	156,138	152,704	+2.25%
COMPLETED	2,330,274	2,266,065	+2.83%
SCHOOLS AND PROGRAMS			
	FEBRUARY 2015	OCTOBER 2014	% CHANGE
CERTIFIED SCHOOLS (F & M)	8,979	8,988	-0.10%
DESIGNATED PROGRAMS (J)	1,444	1,442	+0.14%

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

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

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

\* J-1 – Active exchange visitor considered in J-1 status and participating in their program.

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

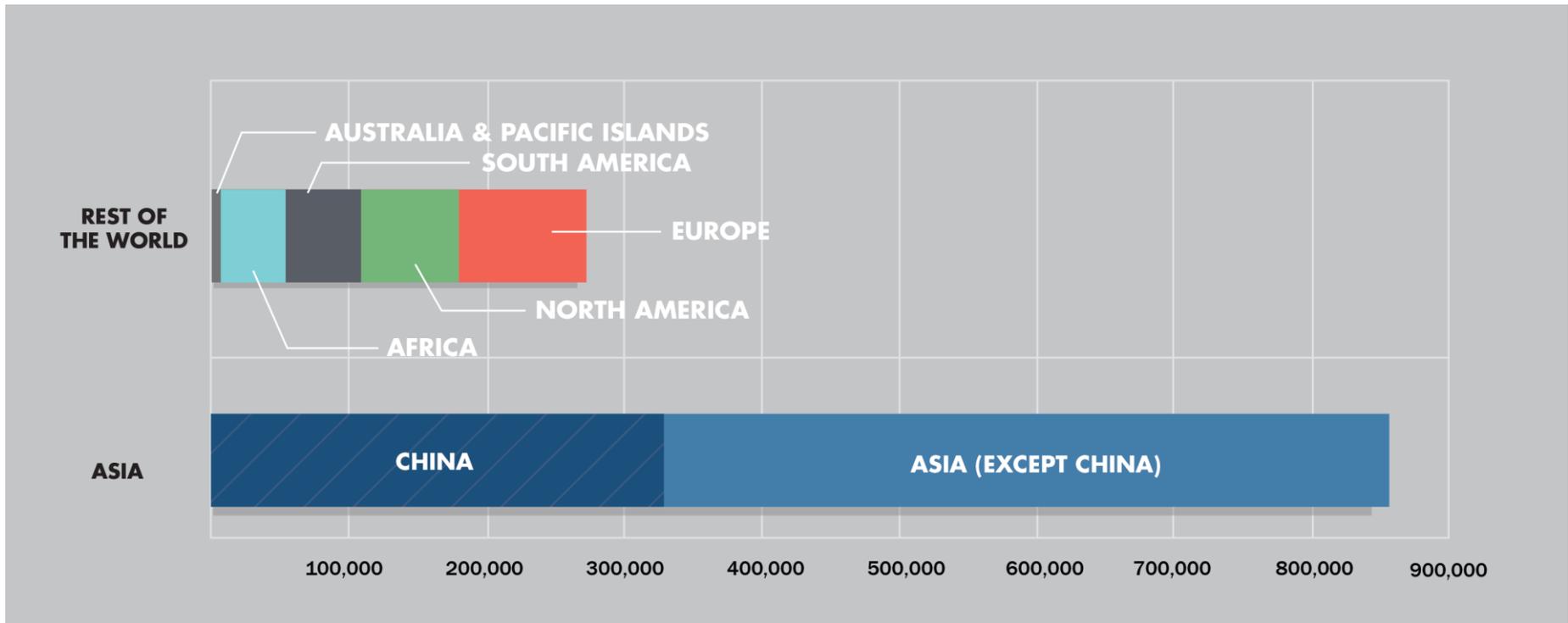


 **STUDENTS**

## PLACES OF ORIGIN

WHERE DO NONIMMIGRANT STUDENTS IN THE UNITED STATES ORIGINATE FROM?

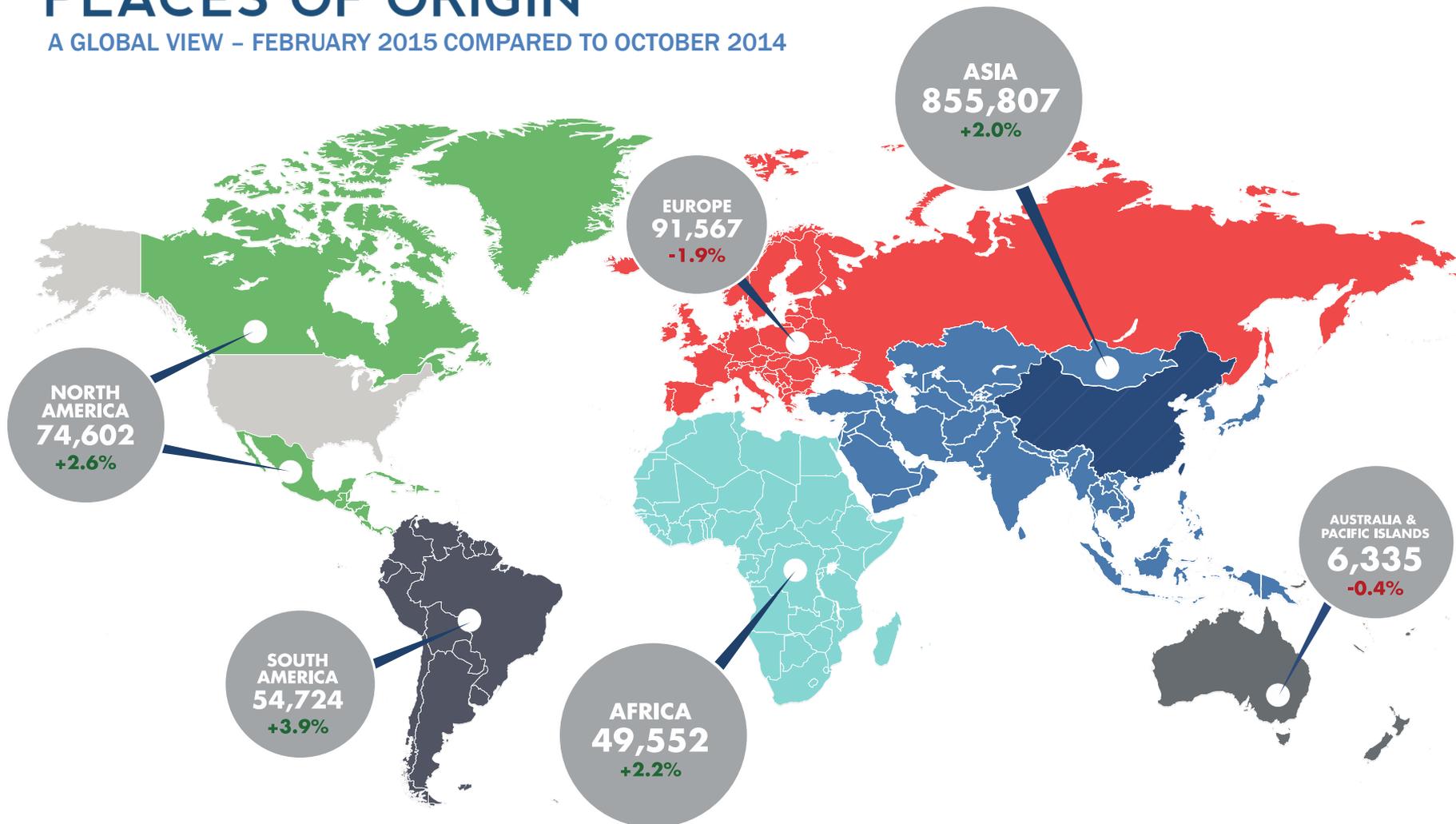
This chart and the following maps show the areas of origin for F & M students by continent and sub-region.



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

## PLACES OF ORIGIN

A GLOBAL VIEW - FEBRUARY 2015 COMPARED TO OCTOBER 2014

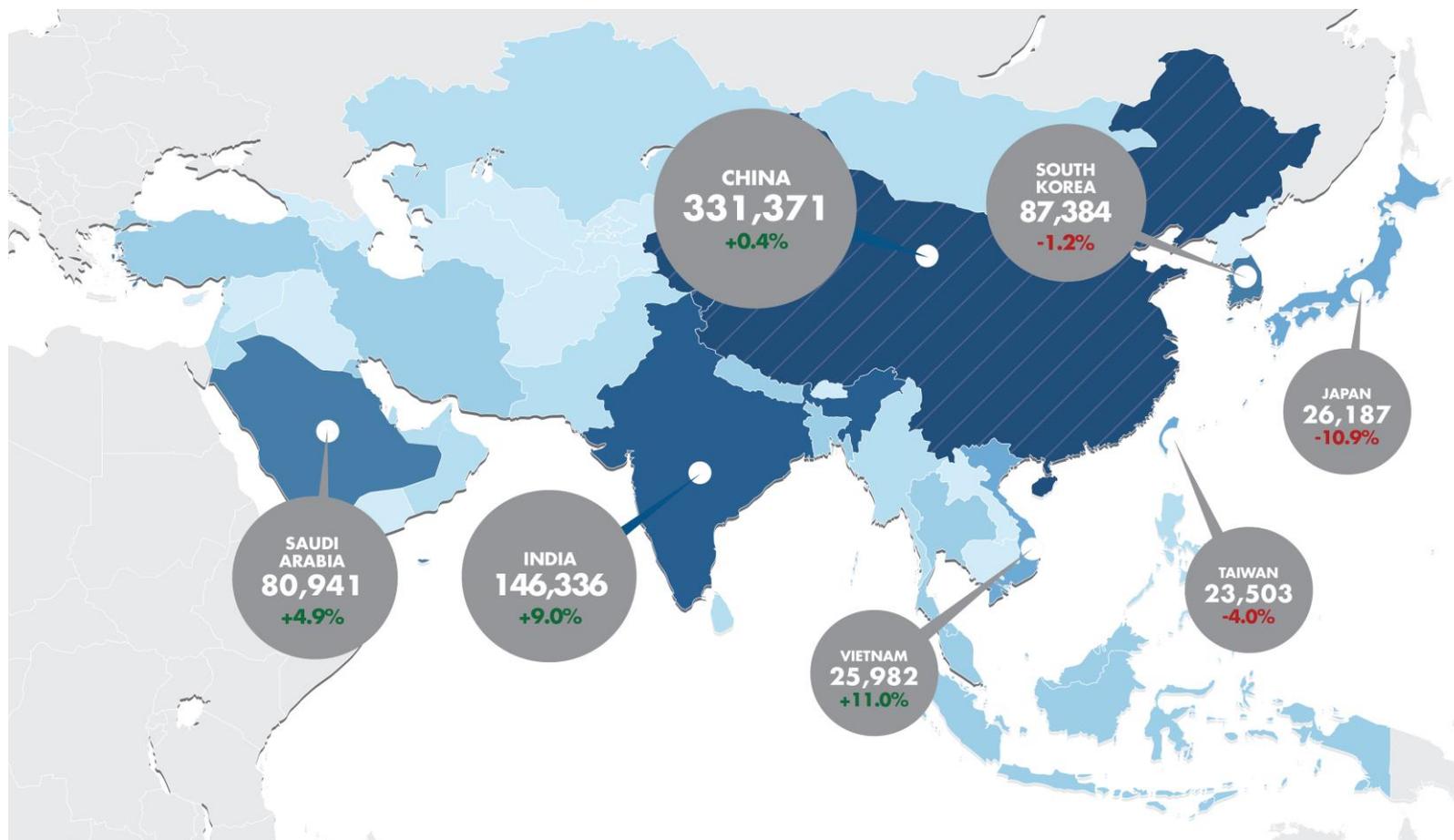


\* Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.

\* Percentages compare February 2015 values to October 2014 values. No value indicates a less than 1 percent +/- change.

## PLACES OF ORIGIN

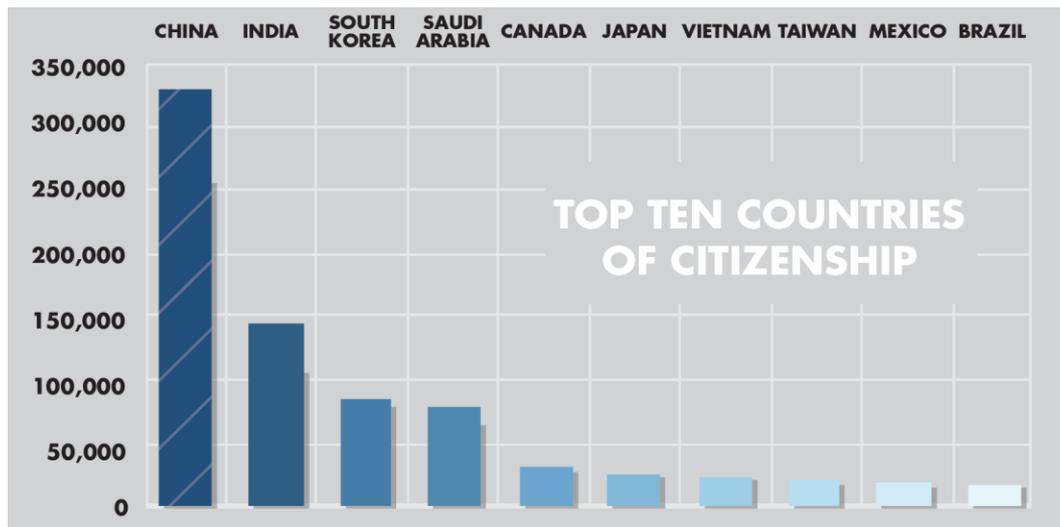
A CLOSER LOOK AT ASIA – FEBRUARY 2015 COMPARED TO OCTOBER 2014



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

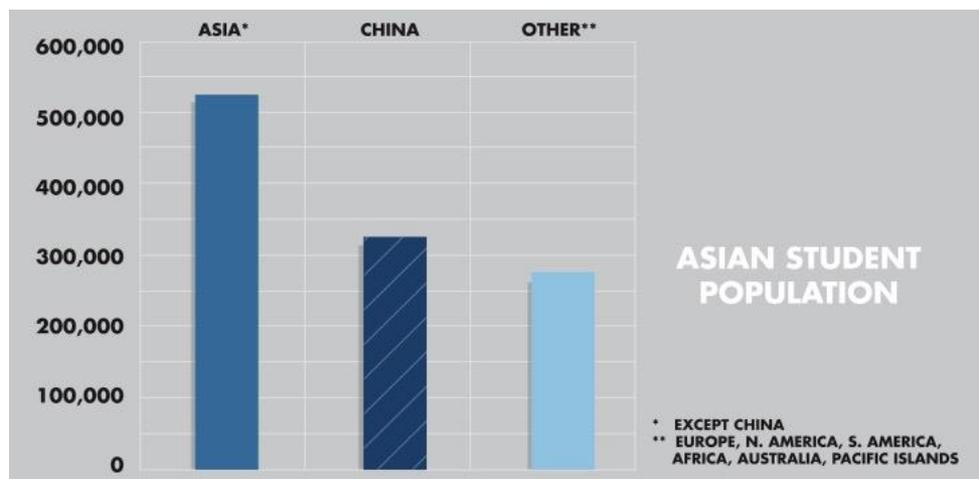
\* Percentages compare February 2015 values to October 2014 values. No value indicates a less than 1 percent +/- change.

## TOP 10 COUNTRIES OF CITIZENSHIP



# 76%

of all F & M students originate from Asian nations, followed by 24 percent from all other nations combined.



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

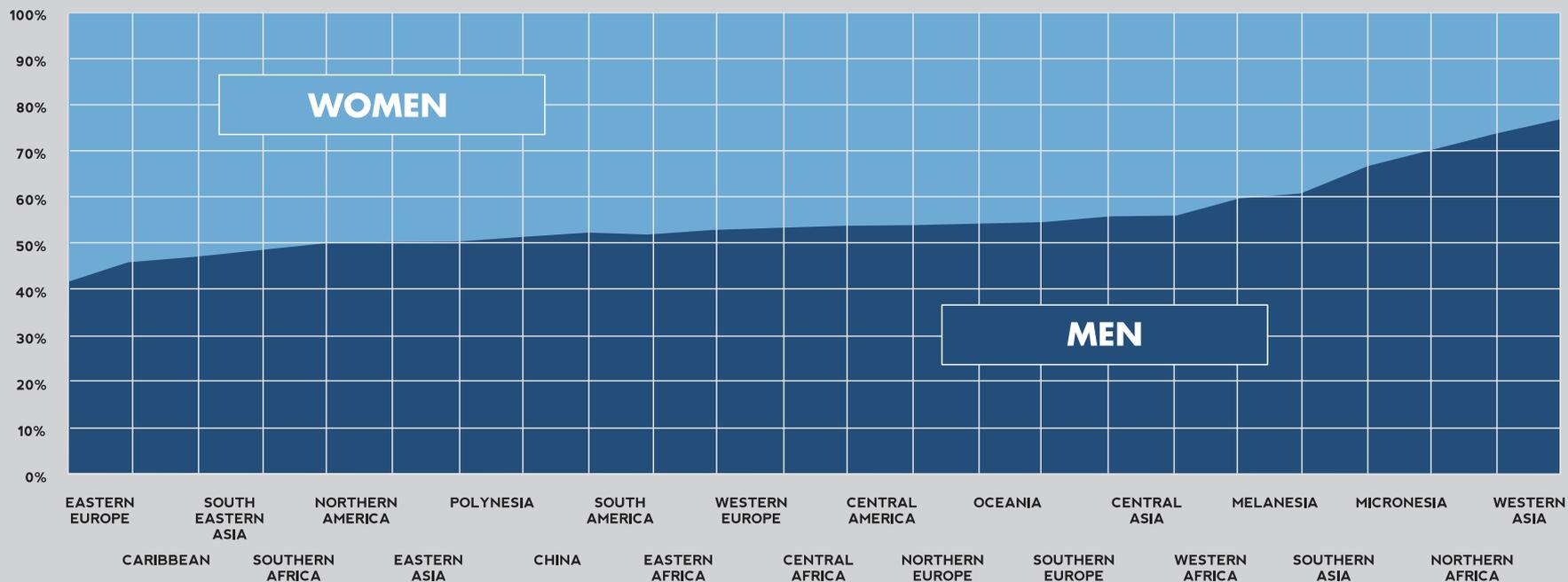
## STUDENTS BY GENDER

*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.

# 55%

of all F & M students studying in the United States are male. Eastern Europe sends the most females (57 percent) and Western Asia the most males (77 percent).



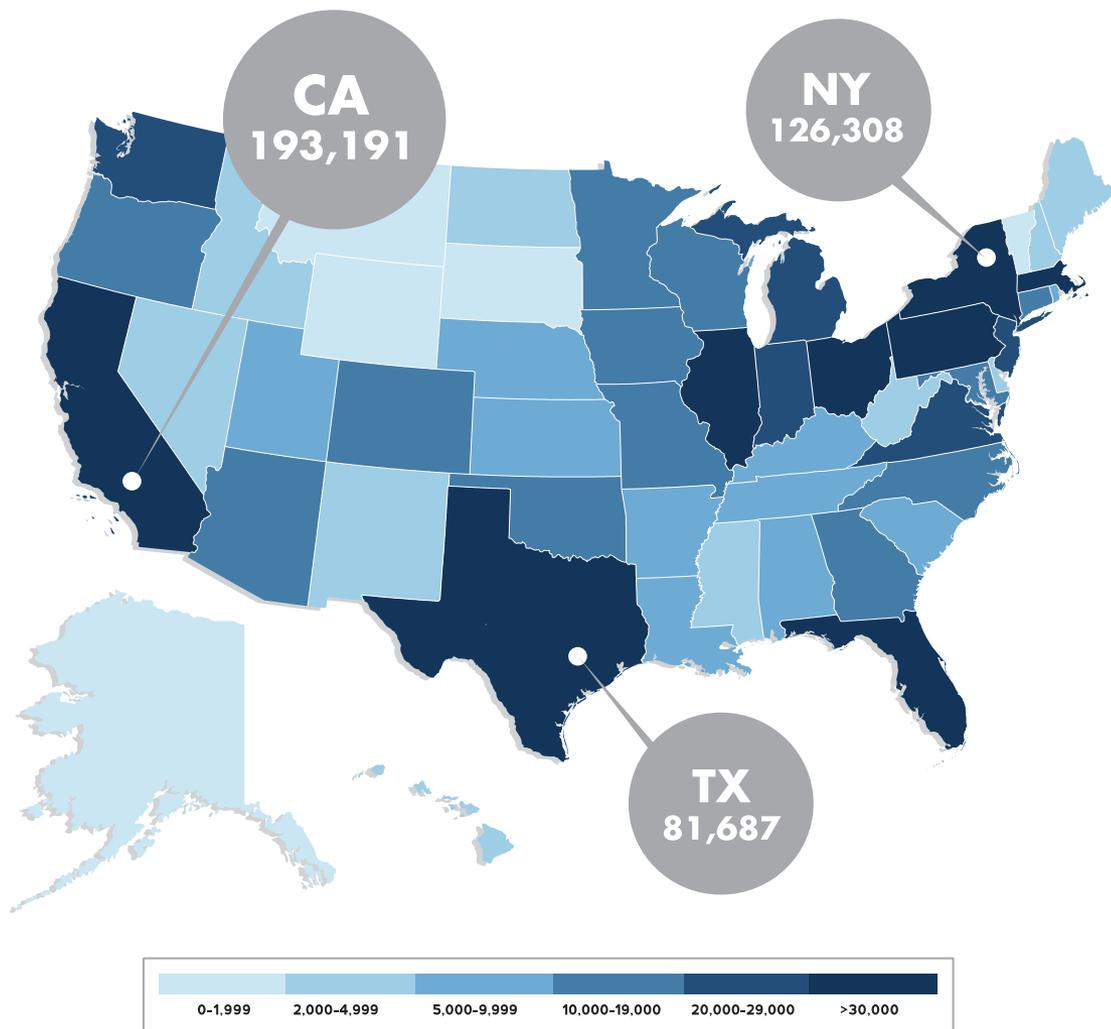
\* Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings.

## 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: 21%
AUSTRALIA & PACIFIC ISLANDS	CA: 17%
AFRICA	TX: 13%
NORTH AMERICA	TX: 14%
SOUTH AMERICA	FL: 20%

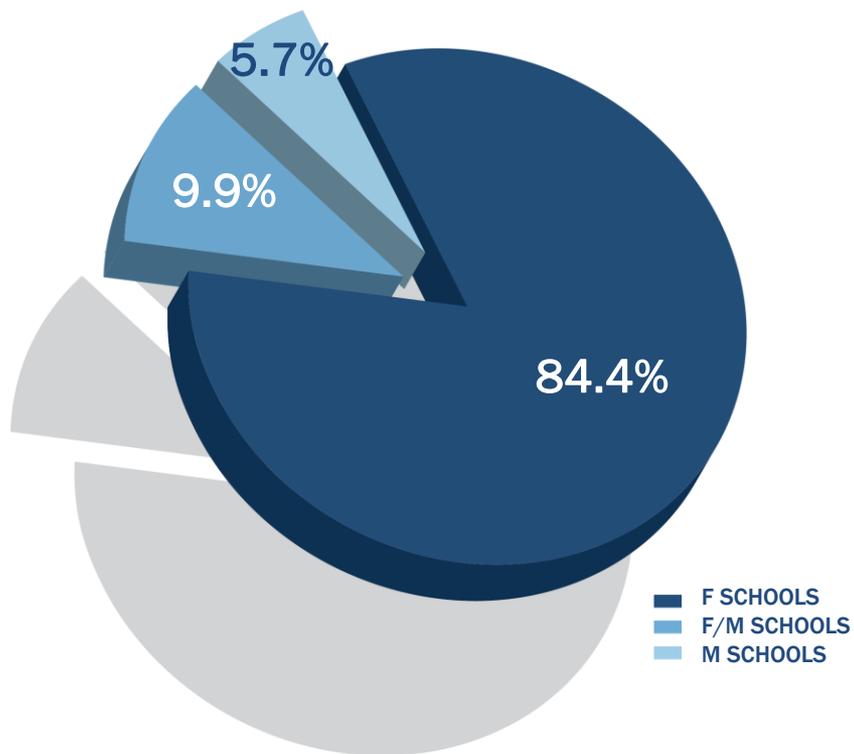


# SCHOOLS

## 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	12,480
PURDUE UNIVERSITY	10,516
COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	10,436
UNIVERSITY OF ILLINOIS	10,352
NEW YORK UNIVERSITY	10,334

### TOP FIVE F-1 & M-1 APPROVED SCHOOLS

SCHOOL NAME	# OF ACTIVE STUDENTS
CORNELL UNIVERSITY	5,370
HOUSTON COMMUNITY COLLEGE SYSTEM	4,109
SANTA MONICA COLLEGE	3,814
THE UNIVERSITY OF IOWA	3,648
COMPUTER SYSTEMS INSTITUTE	2,503

### TOP FIVE M-1 APPROVED SCHOOLS

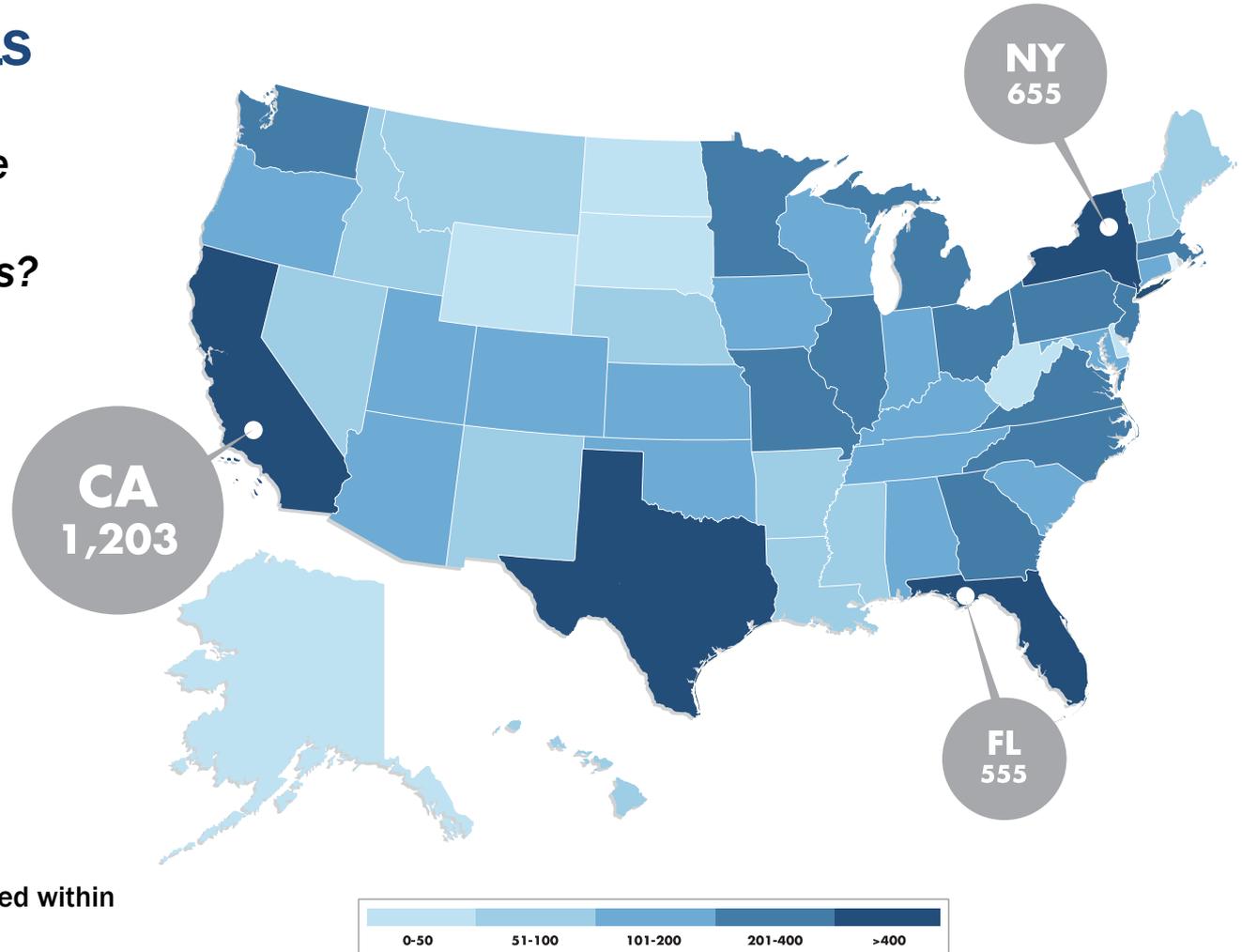
SCHOOL NAME	# OF ACTIVE STUDENTS
BETHEL SCHOOL OF SUPERNATURAL MINISTRY	859
CAE GLOBAL ACADEMY PHOENIX, INC.	330
U.S. AVIATION ACADEMY	317
DEAN INTERNATIONAL, INC.	280
TRANSPAC AVIATION ACADEMY	279

### # OF SCHOOLS BY ACTIVE STUDENT ENROLLMENT

# OF SCHOOLS	# OF ACTIVE STUDENTS
30	>5,000
244	1,001-5,000
184	501-1,000
965	101-500
733	51-100
2,040	11-50
2,907	1-10
1,896	0

## CERTIFIED SCHOOLS BY STATE

*Which states have the  
highest population of  
SEVP-certified schools?*



# 27%

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

## LEVEL OF EDUCATION

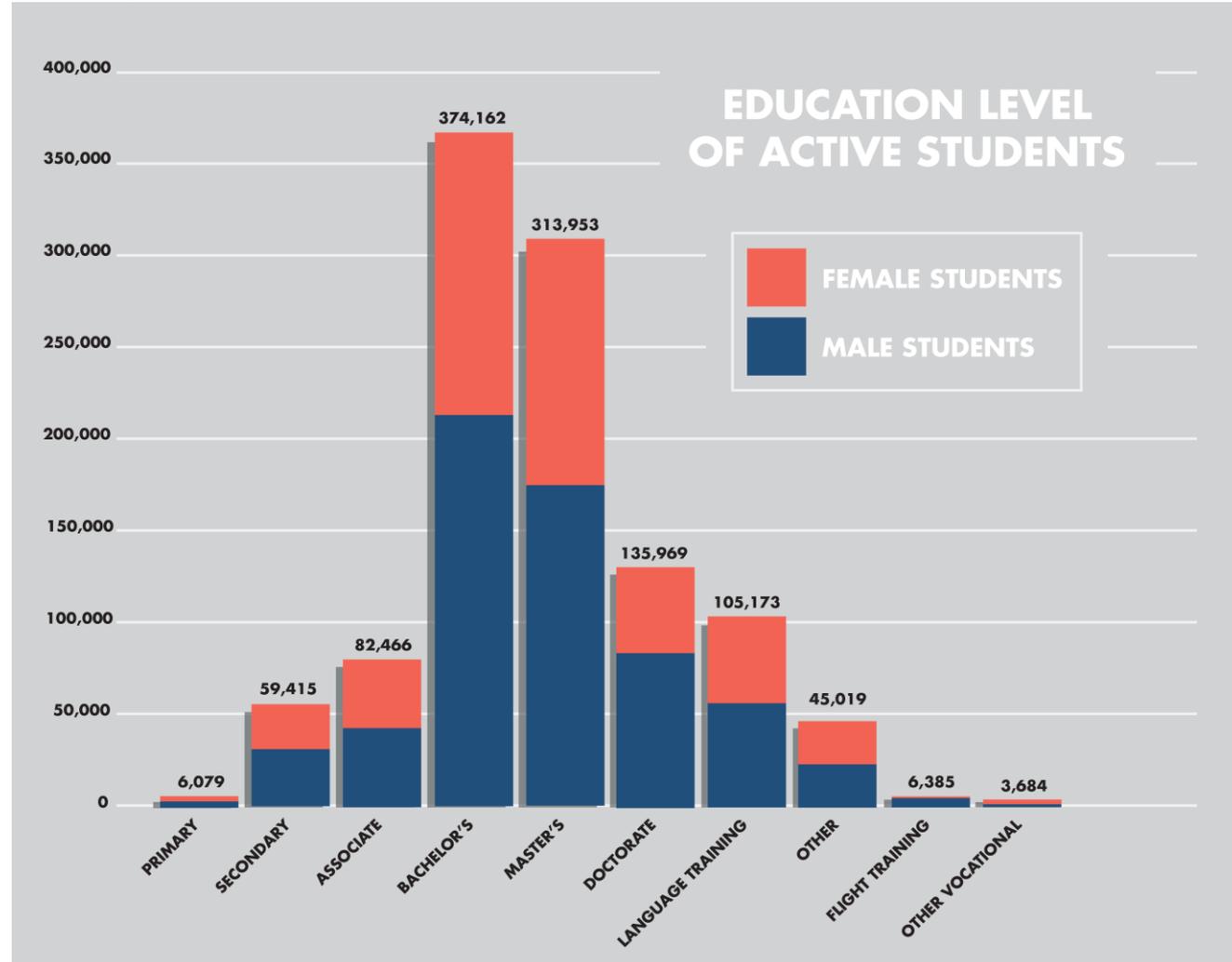
How many F & M students study at each level of education?

# 73%

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

# 22%

increase in the number of all F & M students enrolled in master's programs since January 2014.



## TOP MAJORS

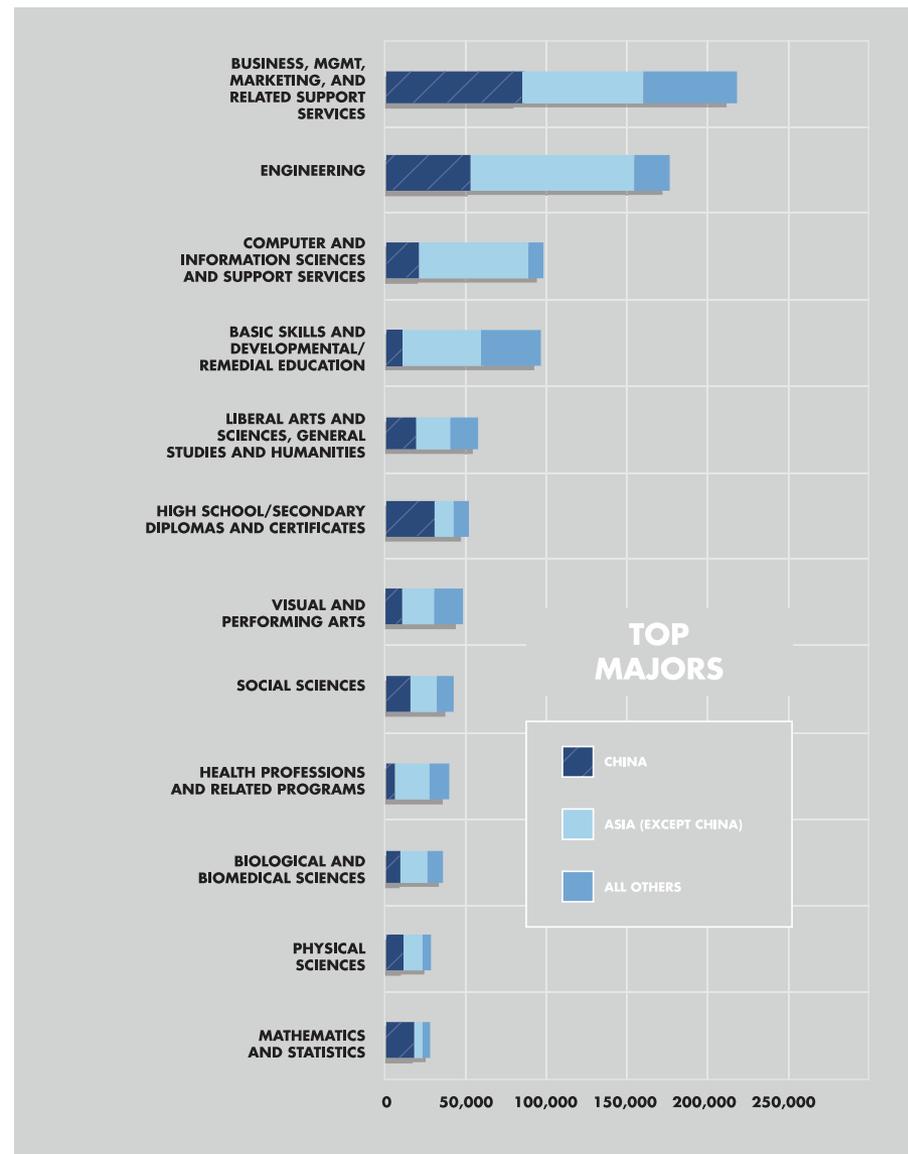
*What are the most popular majors among F & M students studying in the United States?*

# 49%

of all F & M students enrolled in computer and information sciences and support services programs are from India.

# 27%

of all F & M students enrolled in psychology programs are from South Korea and Canada.



\* 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 F & M STEM students are in the United States, and where and what do they study?*

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

STUDENTS (F-1 & M-1)			
	STEM	ALL F & M	PERCENTAGE IN STEM
F-1 & M-1 STUDENTS	414,613	1,132,636	37%

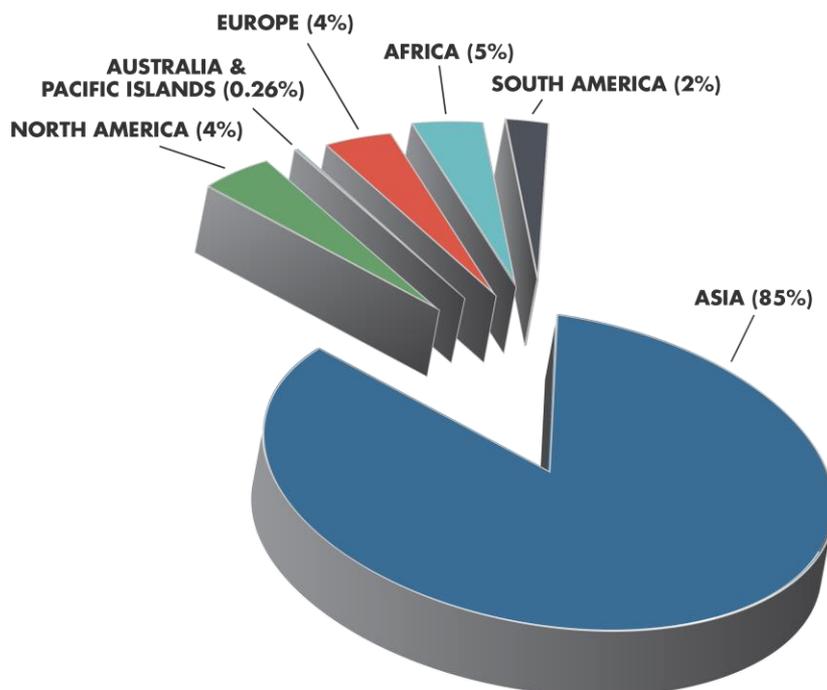
### TOP THREE STEM SCHOOLS FOR F-1 AND M-1 STUDENTS

SCHOOL	# OF STEM STUDENTS
PURDUE UNIVERSITY	7,111
UNIVERSITY OF SOUTHERN CALIFORNIA	6,801
UNIVERSITY OF ILLINOIS	6,281

### TOP THREE STEM MAJORS FOR F-1 AND M-1 STUDENTS

MAJOR	# OF STEM STUDENTS
ENGINEERING	175,540
COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES	97,837
BIOLOGICAL AND BIOMEDICAL SCIENCES	38,407

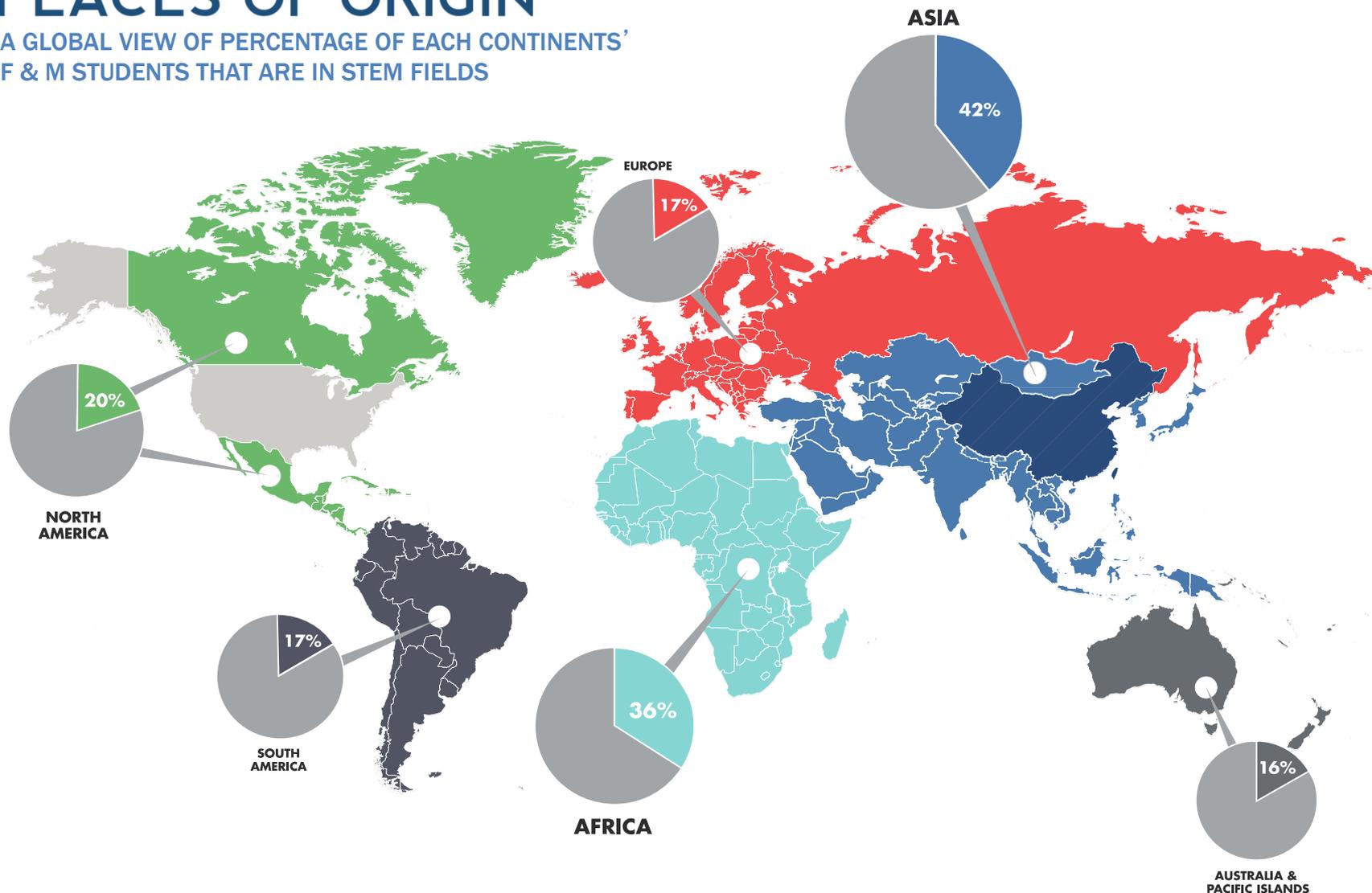
### PERCENT OF F & M STEM STUDENTS IN THE UNITED STATES PER CONTINENT



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

## PLACES OF ORIGIN

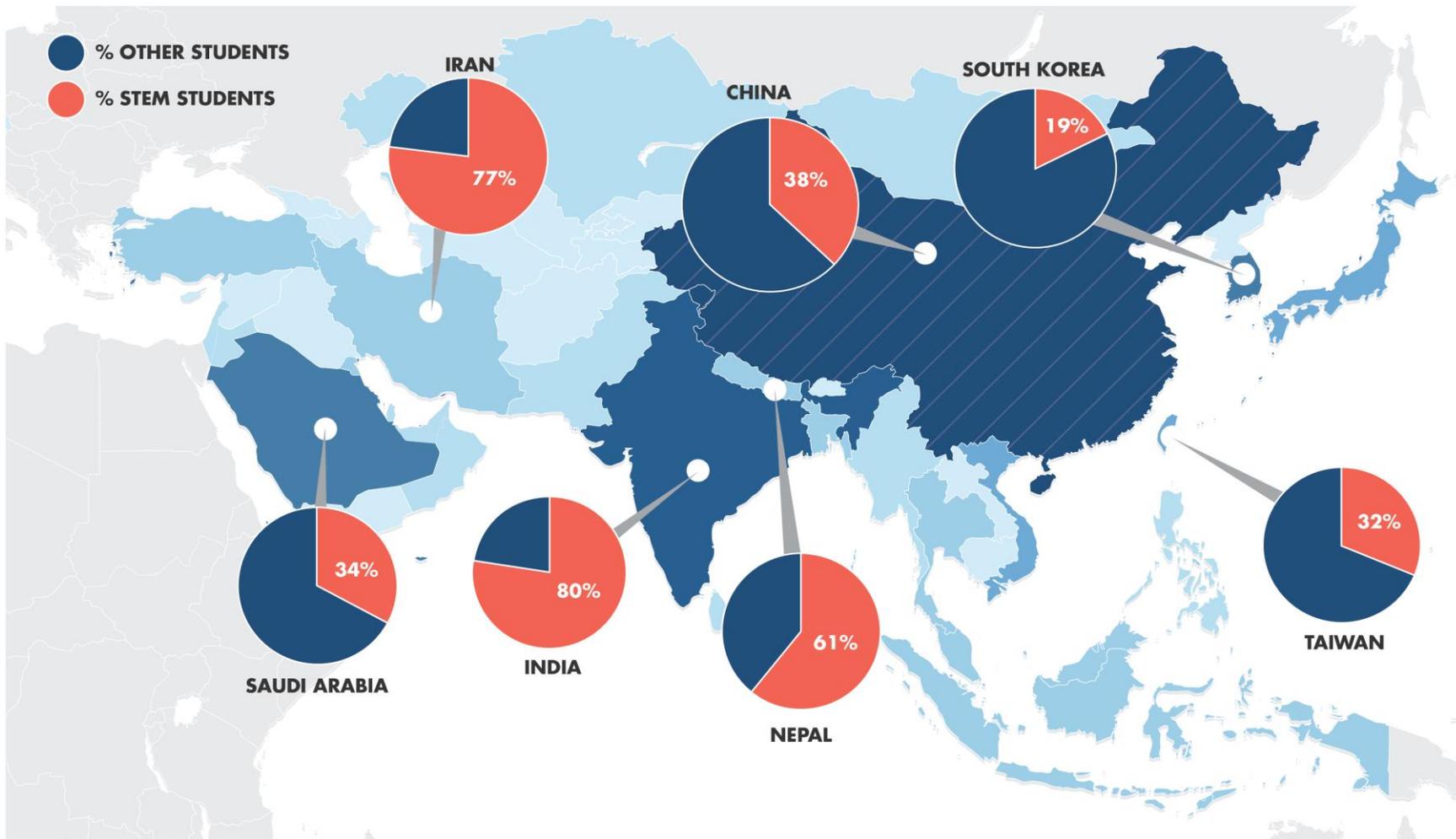
A GLOBAL VIEW OF PERCENTAGE OF EACH CONTINENTS' F & M STUDENTS THAT ARE IN STEM FIELDS



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

## PLACES OF ORIGIN

A CLOSER LOOK AT ASIAN F & M STEM STUDENTS



\* 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 STUDENTS BY STATE

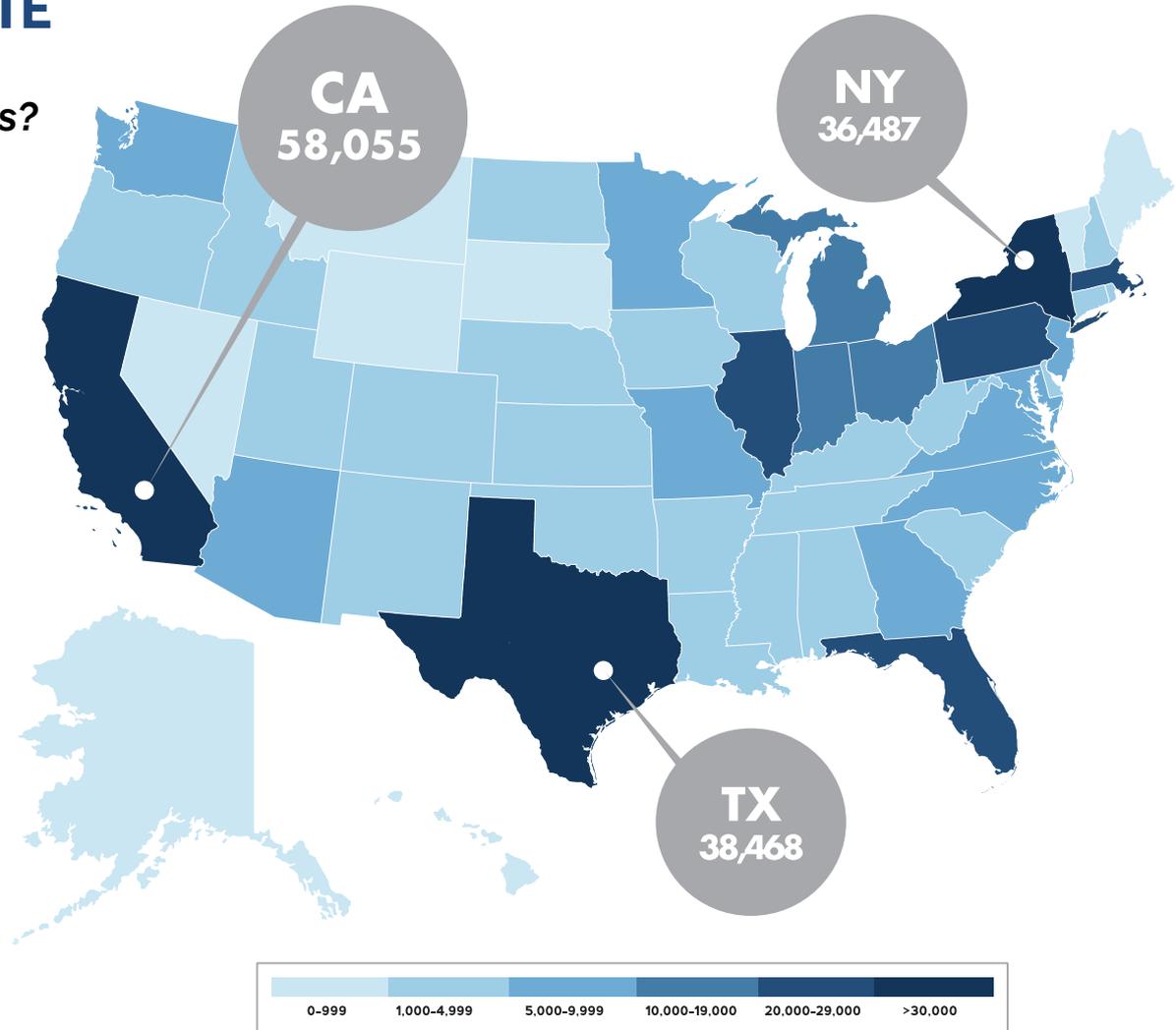
*Which states host the greatest population of F & M STEM students?*

# 32%

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

# 86%

of all F & M STEM students in Idaho are male.



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

STATE	% of STEM STUDENTS
WYOMING	63%
SOUTH DAKOTA	59%
LOUISIANA	51%

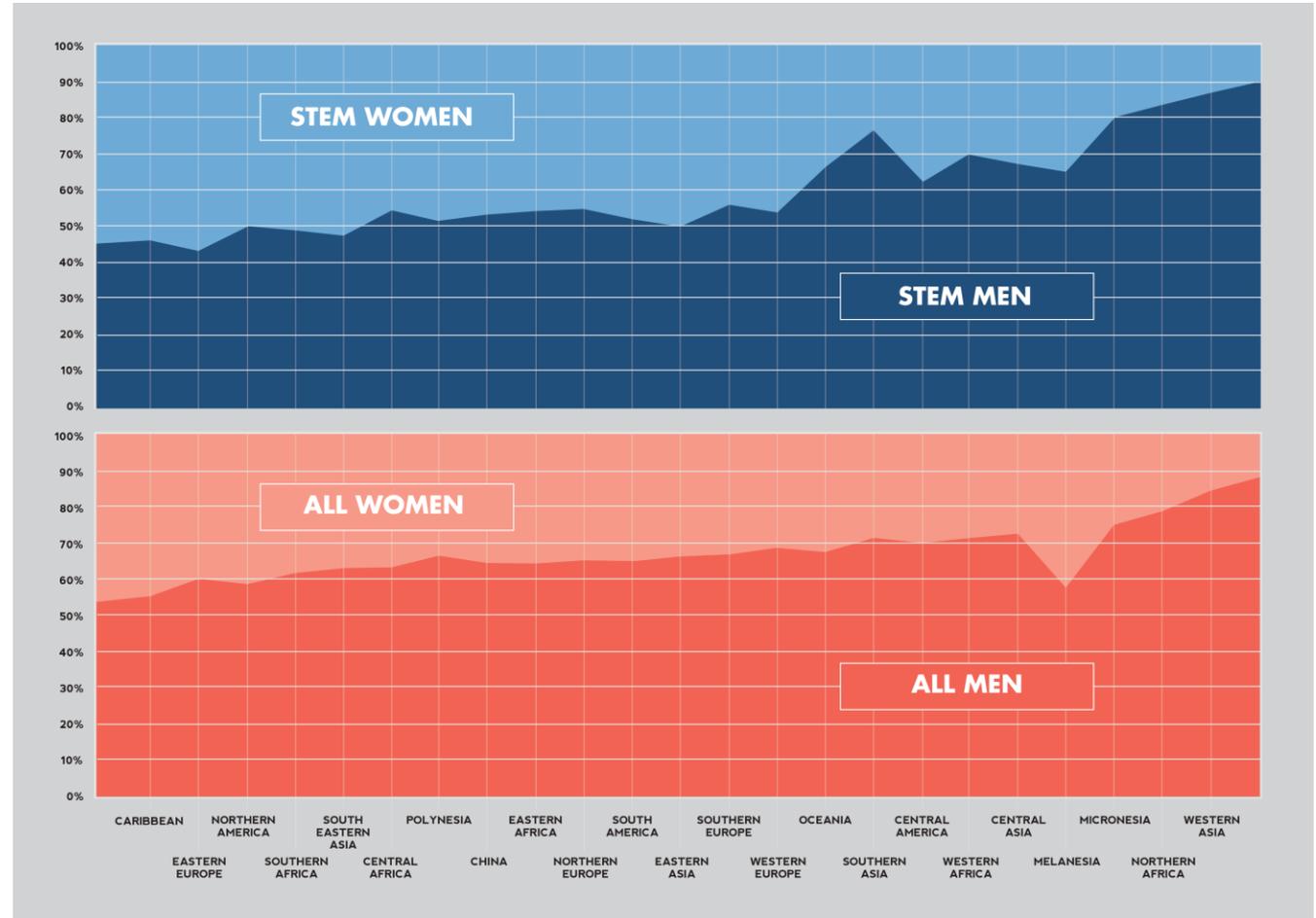
## STEM STUDENTS BY GENDER

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

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

# 67%

of all F & M students studying in STEM fields in the United States are male. The greatest percentage of female STEM students (45 percent) are from the Caribbean and the greatest percentage of male STEM students (84 percent) are from Western Asia.



## TOP 10 STEM DEGREES

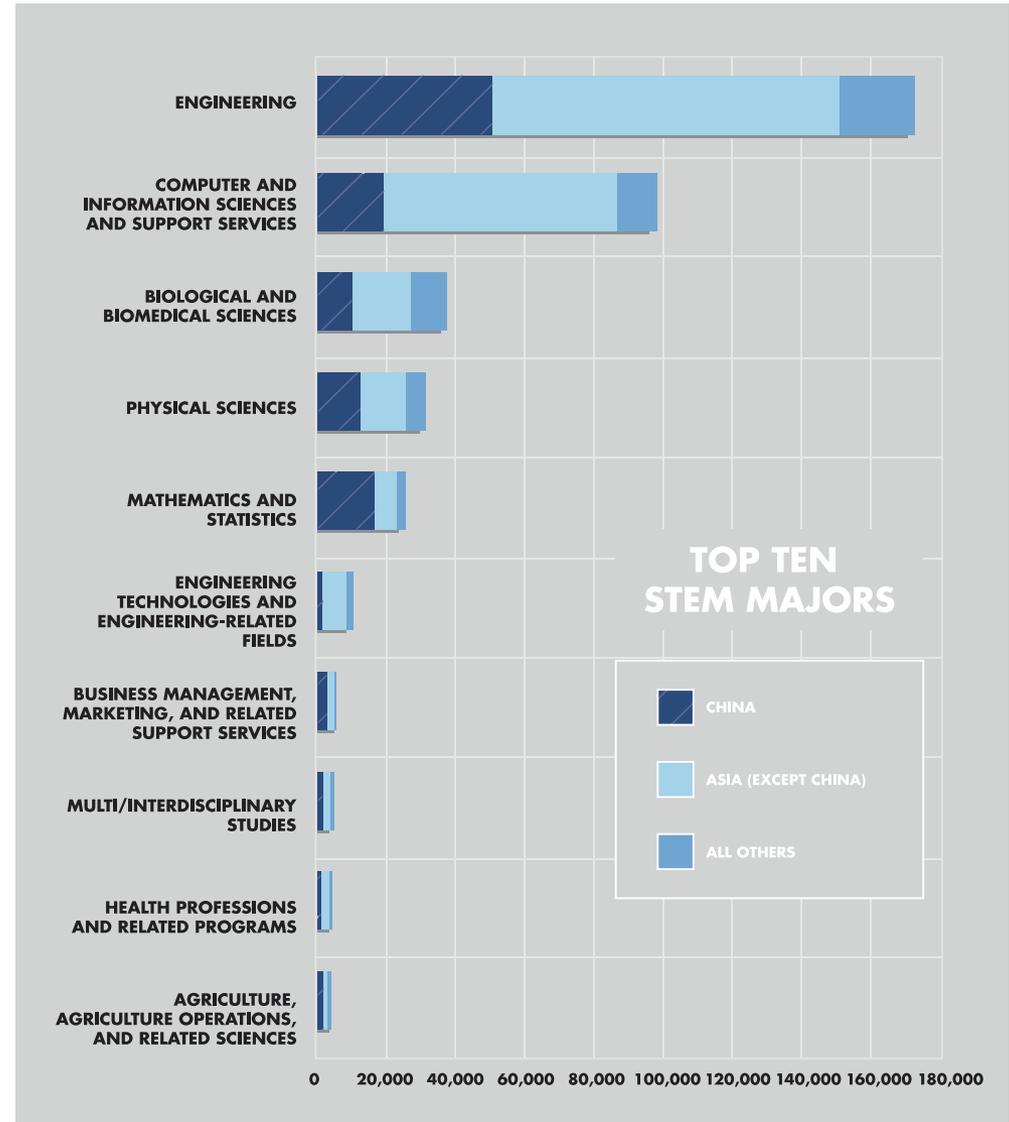
*What are the most popular majors among F & M STEM students studying in the United States?*

# 75%

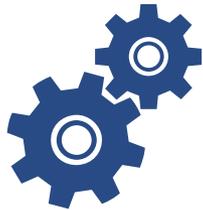
of all F & M STEM students study engineering, computer and information sciences and support services, and biological and biomedical sciences.

# 31%

of all F & M STEM students studying health profession and related programs are from India.



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



# WOMEN IN STEM

## GENERAL OVERVIEW

Since February 2010, the total number of F & M female students studying STEM fields has increased more than 68 percent, from 76,638 students in 2010 to 128,807 students in 2015. Currently, 26 percent of all F & M female students who study in the United States study in STEM fields. Sixty-two percent of all current F & M female STEM students originate from China and India.

Also since 2010, the number of female STEM students pursuing master's degrees increased 114 percent, while the number of students pursuing bachelor's, doctorate or associate degree in STEM fields increased 78 percent, 23 percent and 13 percent respectively.

## TOTAL # OF ACTIVE STUDENTS

### TOTAL # OF ACTIVE FEMALE F & M STEM STUDENTS

	FEB 2014	FEB 2015
FEMALE STEM STUDENTS	112,940	128,807
PERCENT INCREASE	—	+14.1%

### TOP SCHOOLS FOR FEMALE F & M STEM STUDENTS

SCHOOL	TOTAL
UNIVERSITY OF SOUTHERN CALIFORNIA	2,213
COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,002
UNIVERSITY OF ILLINOIS	1,839
NORTHEASTERN UNIVERSITY	1,833
PURDUE UNIVERSITY	1,785

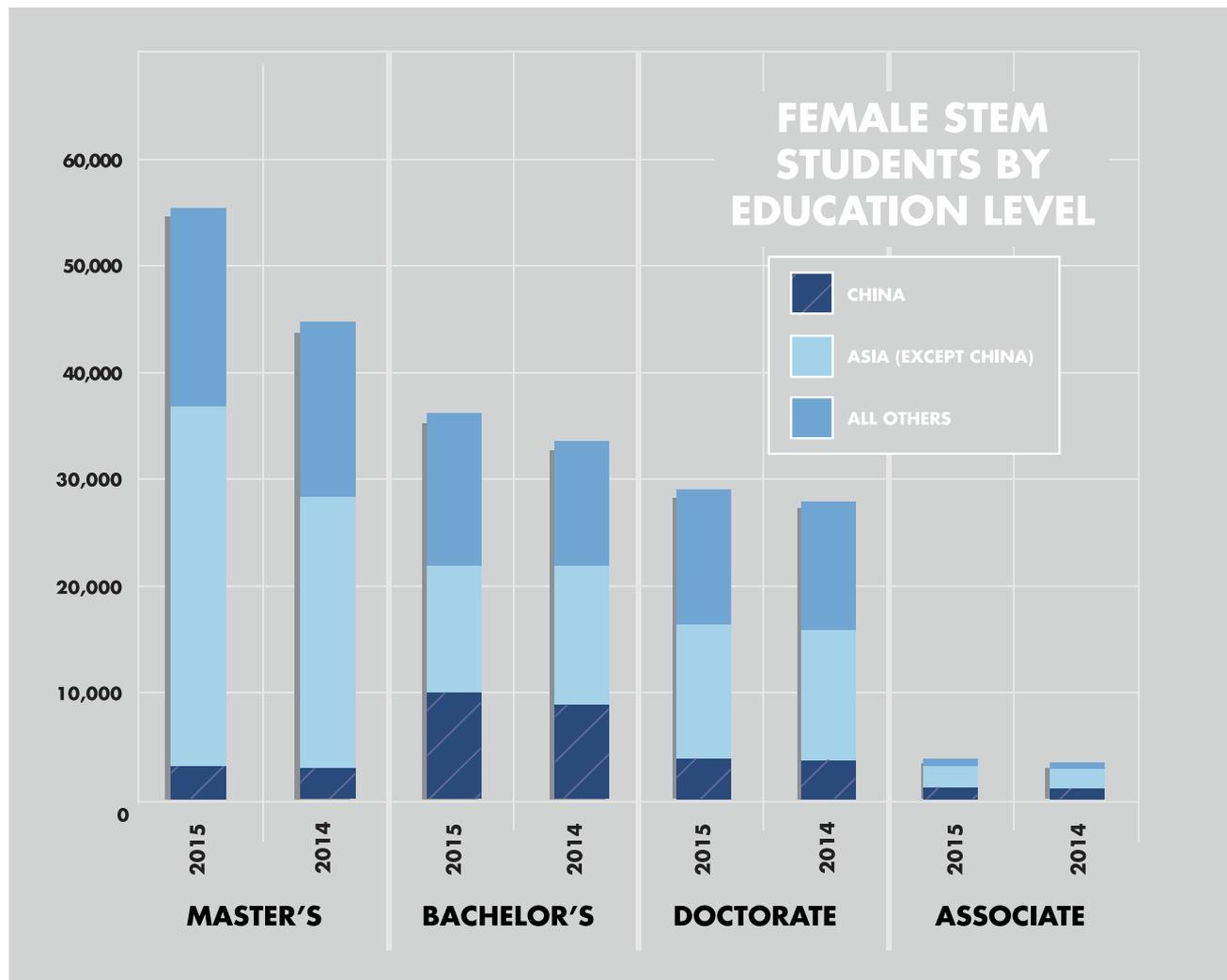
CONTINENT OF ORIGIN	DESTINATION
ASIA	CA: 19%
EUROPE	CA: 21%
AUSTRALIA & PACIFIC ISLANDS	NY: 19%
AFRICA	TX: 14%
NORTH AMERICA	TX: 14%
SOUTH AMERICA	FL: 21%

## TOP EDUCATION LEVEL FOR FEMALE STEM STUDENTS

*How many female F & M STEM students study at each level of education?*

# 114%

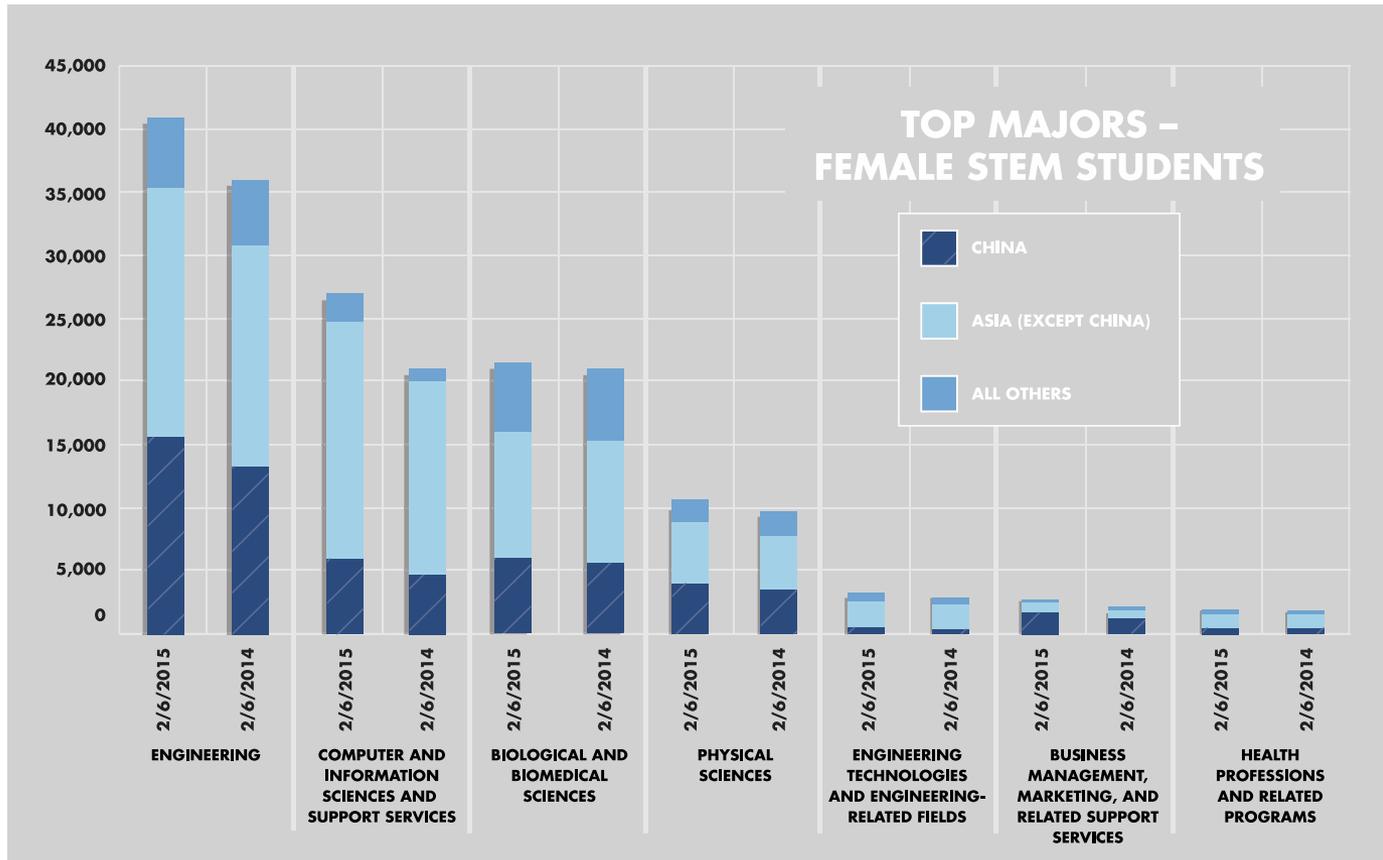
increase in the number of female F & M STEM students in master's degree programs from 2010 to 2015.



\* Continent information was compiled using the United Nation's composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings. Data is from February 6, 2014 and February 6, 2015.

## TOP MAJORS – FEMALE STEM STUDENTS

*What are the most popular majors among female F & M STEM students who study in the United States?*



# 116%

increase in the number of female F & M STEM students studying computer and information sciences and support services from 2010 to 2015.

## FEMALE STEM STUDENTS BY STATE

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

# 34%

of all female F & M STEM students study at schools in California, New York and Texas.

