



opendoors[®]

REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

2019

Copyright © 2019 Institute of International Education, Inc. *Open Doors*® and *Project Atlas*® are registered trademarks of the Institute of International Education, Inc. All rights reserved. No part of this book may be incorporated into any information retrieval system, electronic or mechanical, without the written permission of the Institute of International Education, Inc.

Designed by Julie Fry Publication Design, New York, NY
Printed and bound by Goetz Printing, Springfield, VA

The boundaries and other information shown on any map, or referenced in text or in any figure or table in this volume, do not imply any judgment on the legal status of any territory or the endorsement or acceptance of such boundaries by the Institute of International Education, Inc. or any instrumentality of the United States Government.

This report was funded by a cooperative agreement with the U.S. Department of State. The opinions, findings, and conclusions stated herein are those of the authors and do not necessarily reflect those of the U.S. Department of State.

Except where noted, statistics cited throughout this report are from *Open Doors* and *Project Atlas*.

Suggested citation: Martel, M., Baer, J., Andrejko, N. & Mason, L. (2019). *Open Doors 2019 Report on International Educational Exchange*. New York, NY: Institute of International Education.

2019

opendoors[®]

REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

Mirka Martel, Ph.D.

Julie Baer

Natalya Andrejko

Leah Mason, Ed.D.

Institute of International Education

CONTENTS

Foreword	3
Note from the Authors	4
Seventy Years of International Student Exchange: <i>Open Doors</i> through History	5

MAPS

Top 25 Places of Origin of International Students in the United States	8
Top 25 Study Abroad Destinations of U.S. Students	9

U.S. TRENDS

International Students in the United States	10
U.S. Destinations of International Students	12
Spotlight: Emerging International Student Markets	14
U.S. Study Abroad	16
Spotlight: Measuring Study Abroad from the United States	18
U.S. Intensive English Programs	20
International Scholars in the United States	21

WORLD REGION TRENDS

Global Student Mobility	22
Asia	23
Europe	23
Latin America & the Caribbean	24
Middle East & North Africa	25
Sub-Saharan Africa	26
North America & Oceania	27

DATA TABLES

International Students in the United States	29
U.S. Study Abroad	76
U.S. Intensive English Programs	104
International Scholars in the United States	114

Methodology	124
Acknowledgments	129
References	130
Fast Facts	131

Foreword

Open Doors has become the most important source of information for international student mobility in the United States.

2019 is an auspicious year for the *Open Doors Report on International Educational Exchange* and the Institute of International Education. IIE was founded in 1919, so this is our centennial year and the vision that animated our founders—that the exchange of people and ideas across borders would foster greater understanding and peace among nations—remains vital and urgent. As part of implementing those ideals, IIE published guidebooks for students and scholars contemplating international educational exchange and, within a year of our founding, we began collecting data for an annual “census” of international students in the United States. This work culminated in the 1948/49 academic year with the publication of *Education for One World*, the report that is known today as *Open Doors*.

This means that 2019 is also the 70th anniversary of the essential work contained in this volume. *Open Doors* has become the most important source of information for international student mobility in the United States. Every year, we work with more than 2,800 higher education institutions that host international students to develop a comprehensive understanding of who is coming to the United States for post-secondary education, where they are coming from, and what they are studying. This information is used by institutions to help shape their outreach strategies, employers who want to recruit talented graduates with specific linguistic and cultural skills, and political leaders who develop policies to support the kinds of people-to-people engagements that deepen international ties.

We are incredibly fortunate to have a partner in the U.S. Department of State’s Bureau of Educational and Cultural Affairs that shares our vision and supports the work of *Open Doors*. The State Department has funded the *Open Doors* report since 1972 and is a stalwart advocate of international educational exchange across all its programs, many of which IIE is proud to administer.

As we contemplate how much the world has changed since we first began this work, I am struck by the growth and increasing diversity of the U.S. student population who choose to study abroad as part of their academic experience. More progress is needed to ensure that U.S. students graduate with international perspectives, and IIE will continue to work closely with partners at colleges and universities around the country and across the U.S. government who are committed to this effort. It is astounding that there is so much consistency in flows of international students coming to the United States. The top 5 places of origin for international students in the United States in 1919/20 are still among the top 10 today. What 100 years of data tell me is that past is prologue. Then as now, the list of countries sending their best and brightest to study in the United States is a global one.

*Allan E. Goodman, President and CEO
Institute of International Education*

Note from the Authors

Our team's research focus on international educational exchange remains as integral today as it did seven decades ago.

Advances in data analytic tools have changed the *Open Doors* process over the last 70 years — we no longer need punch cards to tabulate our data. IIE's underlying belief in the power of international education to transform the world, however, has remained the same. Before we delve into the 2019 findings, we wanted to share with our readers the optimistic opening sentences from the 1948/49 report:

At a time when personal contacts between the United States and other countries of the world are of special importance, it is significant to know that there are 26,759 foreign students here this year in our academic institutions. In many ways this is one of the most hopeful developments of modern times — that the growth in serious study, research, and on-the-job training continues in spite of "iron curtains," civil wars, dollar shortages, passport restrictions, and other impediments. Educationally, at least, "one world" is today a reality, and there are no far-away places.

Seventy years later the draw of international education has not waned. The hope of sustained growth has continued once again with this year's publication counting over 1 million students and scholars engaged in international educational exchange into and out of the United States.

In addition to collecting and analyzing the flows of these students and scholars and providing the yearly statistics that can be found in the following 100 pages of tables, we invite you to explore the special topics presented in the report. These special focus areas provide a historical viewpoint on how inbound and outbound international student mobility has expanded and diversified over the past 70 years. Our analysis documents sustained growth of international students in the United States by leading markets as well as emerging markets. While we continue to note a diversification of types of study abroad, we note that there remains room for improvement in reporting on student experiences as colleges and universities expand capabilities to better collect data on graduate and non-credit study abroad. With declines in the IEP market over the past several years, we explore the resiliency of these programs over time and their continued evolution to attract international students. We also report on the distribution of international scholars by institutional type to understand where scholars coming to the United States are engaged in academic activities. Finally, for readers seeking more detailed descriptive data, information is available in comprehensive data tables in the publication's appendices and also online at www.iie.org/opendoors.

We hope you share our enthusiasm for this year's report and look forward to reporting trends on international educational exchange in the years to come.

*Mirka Martel, Julie Baer, Natalya Andrejko,
and Leah Mason*

INTRODUCTION

Seventy Years of International Student Exchange: *Open Doors* through History

1949: IIE PUBLISHES THE FIRST INDEPENDENT PAMPHLET ON INTERNATIONAL STUDENT MOBILITY, TITLED *EDUCATION FOR ONE WORLD*

IIE, in cooperation with the Committee on Friendly Relations Among Foreign Students, begins a comprehensive data collection effort to record data on international students from every U.S. higher education institution. In this inaugural year, IIE gathers data from the 1,115 colleges and universities hosting international students and publishes the information (for 35 cents a copy) as a resource for organizations and individuals working with international students.

1955: THE PUBLICATION IS EXPANDED AND RENAMED

IIE renames the report *Open Doors*, suggesting a sense of hospitality as the United States welcomes students and scholars from across the world and a recognition of the diversity of ideas, perspectives, and opportunities that result from international educational exchange. In this report, IIE expands data collection to include visiting faculty and scholars at higher education insti-

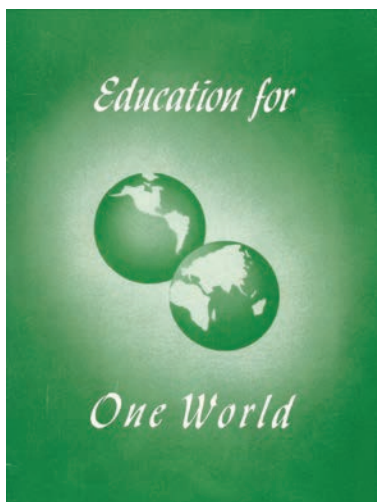
tutions and foreign physicians training as interns or residents at U.S. hospitals (the latter conducted from 1955 to 1964).

1956: THE FIRST INFORMATION ON U.S. STUDENTS STUDYING ABROAD IS PUBLISHED

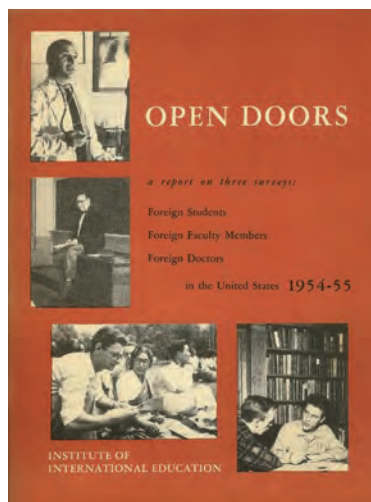
Acknowledging the impact of international experiences on U.S. students who have studied abroad, IIE initiates a survey of overseas higher education institutions within 75 countries and political areas that host U.S. students. In its first year, IIE receives information from institutions in approximately 49 countries with the most popular destinations for U.S. students being Canada and Mexico, likely due to their proximity to the United States.

1966: *OPEN DOORS* IS IDENTIFIED AS AN AUTHORITATIVE DATA SOURCE ON INTERNATIONAL EXCHANGE BY THE U.S. GOVERNMENT

The full *Open Doors* publication is submitted as evidence on the level of international educational



1949



1955



1966

exchange during the Senate debate on the International Education Act of 1966 (Committee on Labor and Public Welfare, 1966). *Open Doors* continues to be cited across the U.S. government, including remarks entered into Congressional Record on the “Importance of International Students and Scholars in the United States” by the Chairman of the House Committee on Foreign Affairs (165 Cong. Rec. E561, 2019).

1972: IIE RECEIVES A GRANT FROM THE BUREAU OF EDUCATIONAL AND CULTURAL AFFAIRS, U.S. DEPARTMENT OF STATE, TO SUPPORT THE OPEN DOORS PROJECT

The U.S. Department of State continues to support IIE’s annual surveys of international educational exchange to understand the complete picture of student mobility as the United States works to strengthen ties with countries around the world. Copies of the publication are distributed to U.S. Embassies and shared with the State Department’s global EducationUSA network to assist advisers in counseling international students seeking higher education opportunities in the United States.

1975: THE OPEN DOORS METHODOLOGY IS RECONFIGURED

The Bureau of Educational and Cultural Affairs and the *Open Doors* Joint Task Force on Data Collection, established in 1974 and composed (at that time) of representatives from IIE, AACRAO, and NAFSA, institute a change in the survey methodology. The data

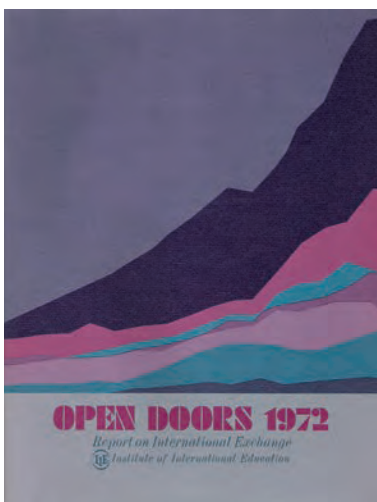
collection moves from colleges and universities providing data on each individual student to aggregate numbers. Following this change, the number of institutions reporting to *Open Doors* expands from approximately 1,750 colleges and universities in the early 1970s to 2,600 institutions by the late 1970s.

1979: IIE COLLECTS DATA ON INTENSIVE ENGLISH PROGRAMS (IEPs) AND CALCULATES STUDENT REVENUES BY STATE

IIE expands the analysis and starts to collect data on IEPs in recognition of the increasing number of international students using IEPs as a pathway to higher education. *Open Doors* reports for the first time that international students contributed an estimated \$1 billion dollars to the U.S. economy. IIE bases the calculation on the number of international students reported in the International Student Census survey and the IIE recommended monthly maintenance rates for international students at each U.S. institution of higher education. Beginning in 2000, NAFSA, using IIE data, provides state-level breakdowns of international students’ contribution to local economies.

1987: FIRST DATA COLLECTION ON U.S. STUDENTS STUDYING ABROAD WHO RETURN TO U.S. INSTITUTIONS AND RECEIVE ACADEMIC CREDIT FOR THEIR INTERNATIONAL STUDY EXPERIENCE IS REPORTED

IIE suspends the original survey of foreign colleges and universities in 1973 due to data collection



1972



1979



1987

challenges, and in the 1987 report, begins a renewed effort to comprehensively gather data from U.S. home institutions on their U.S. students receiving academic credit for study abroad.

2001: IIE INITIATES PROJECT ATLAS® TO CREATE A SHARED SET OF STANDARDS FOR STUDENT MOBILITY DATA COLLECTION

With start-up support from the Ford Foundation, IIE collaborates with the British Council to convene a meeting with over a dozen representatives from other major host countries, as well as colleagues from OECD and UNESCO, and launches an ongoing initiative to develop a shared framework for measuring and understanding international student mobility. This initiative complements *Open Doors* by gathering comparable international student mobility data from project partners around the world to measure the growth and shifts in international student flows worldwide. With subsequent support from the U.S. Department of State, as well as participating country partners, *Project Atlas* now includes more than 30 national-level data collection partners. In addition to sharing annual data updates online at www.iie.org/Atlas, the partners collaborate on research and training activities globally.

2008: OPEN DOORS STUDY ABROAD SURVEY QUESTIONS ARE EXPANDED

With guidance from Mobility International USA, data on the disability status of study abroad students

is collected and reported on for the first time. In 2006/07, 116 institutions report on the following types of disability: learning, mental, physical, sensory, or other. Autism spectrum and chronic health disorders are added to the breakout in 2015/16. The number of institutions able to report on disability status of students has more than tripled with 360 institutions reporting in 2017/18.

2011: ALL OPEN DOORS SURVEYS ARE ADMINISTERED ONLINE

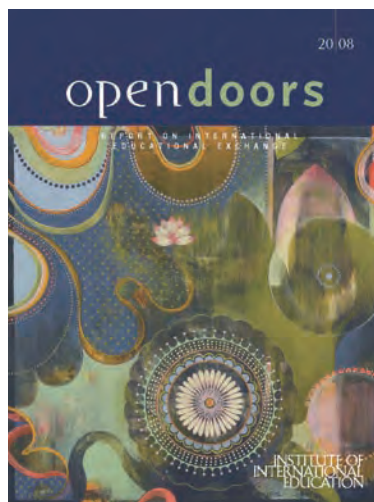
Administering the surveys online allows IIE to increase project efficiency and precision by avoiding paper data submission and manual data entry. The elimination of paper surveys also allows IIE to focus on identifying the correct response population for the surveys and improves the data cleaning process.

2018: DATA COLLECTION IS EXPANDED TO INCLUDE ALL TYPES OF NON-CREDIT EXPERIENTIAL LEARNING ABROAD

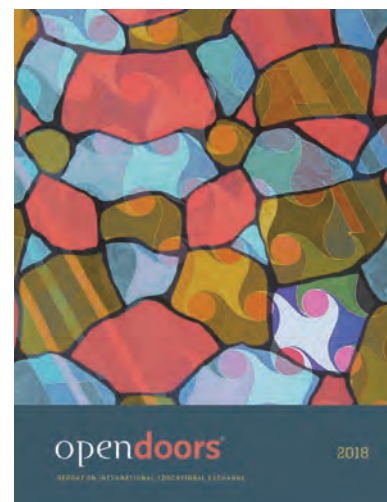
With input from its Study Abroad Advisory Group and practitioners in the field, IIE continues to refine its annual surveys on U.S. educational experiences abroad, in response to trends in the study abroad field. Data collection expands to include all types of experiential activities abroad, including non-credit work, internships, volunteering, research, and other activities, such as conferences and performances abroad.



2001



2008



2018

FIGURE 1 Top 25 Places of Origin of International Students in the United States, 2018/19

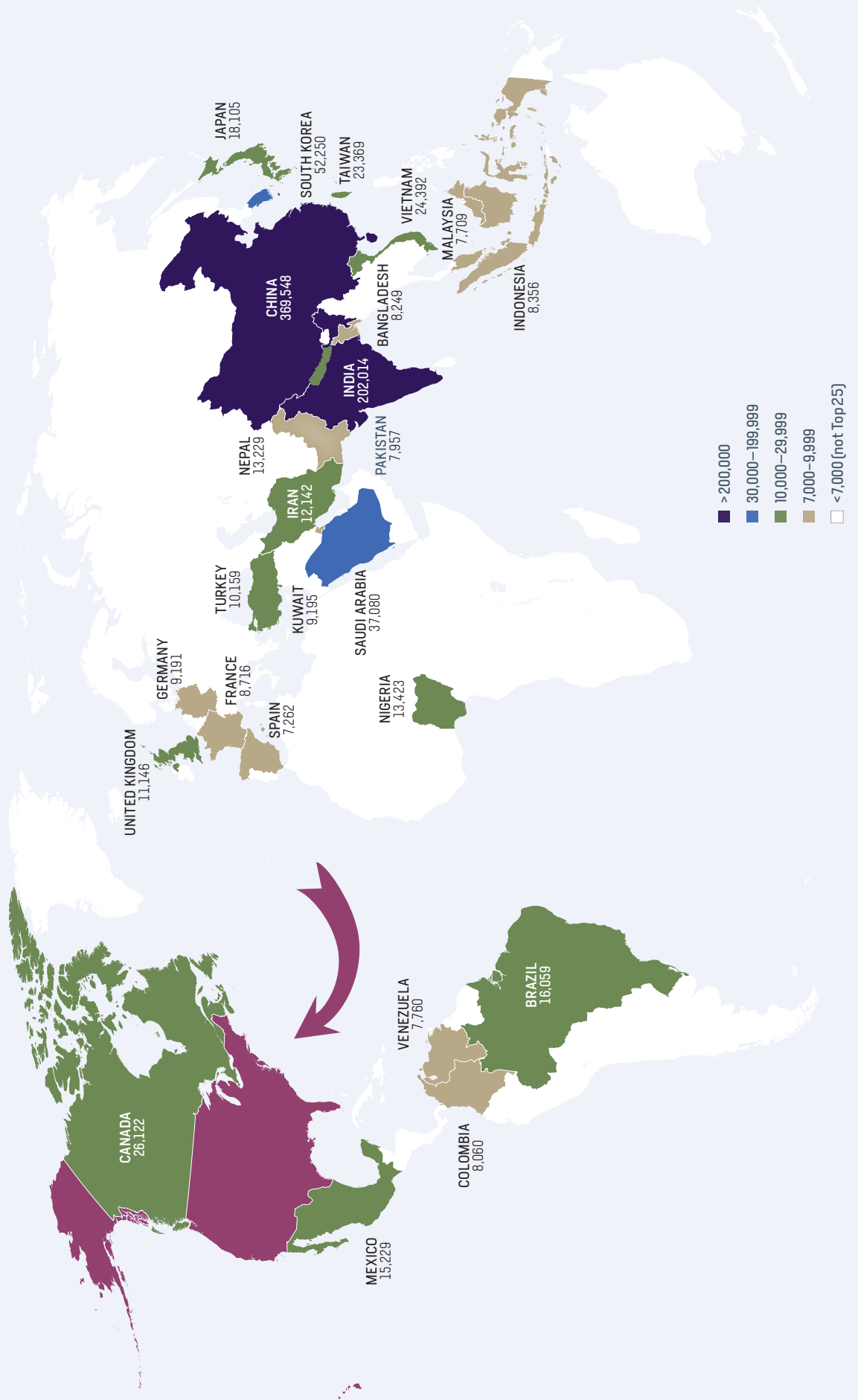
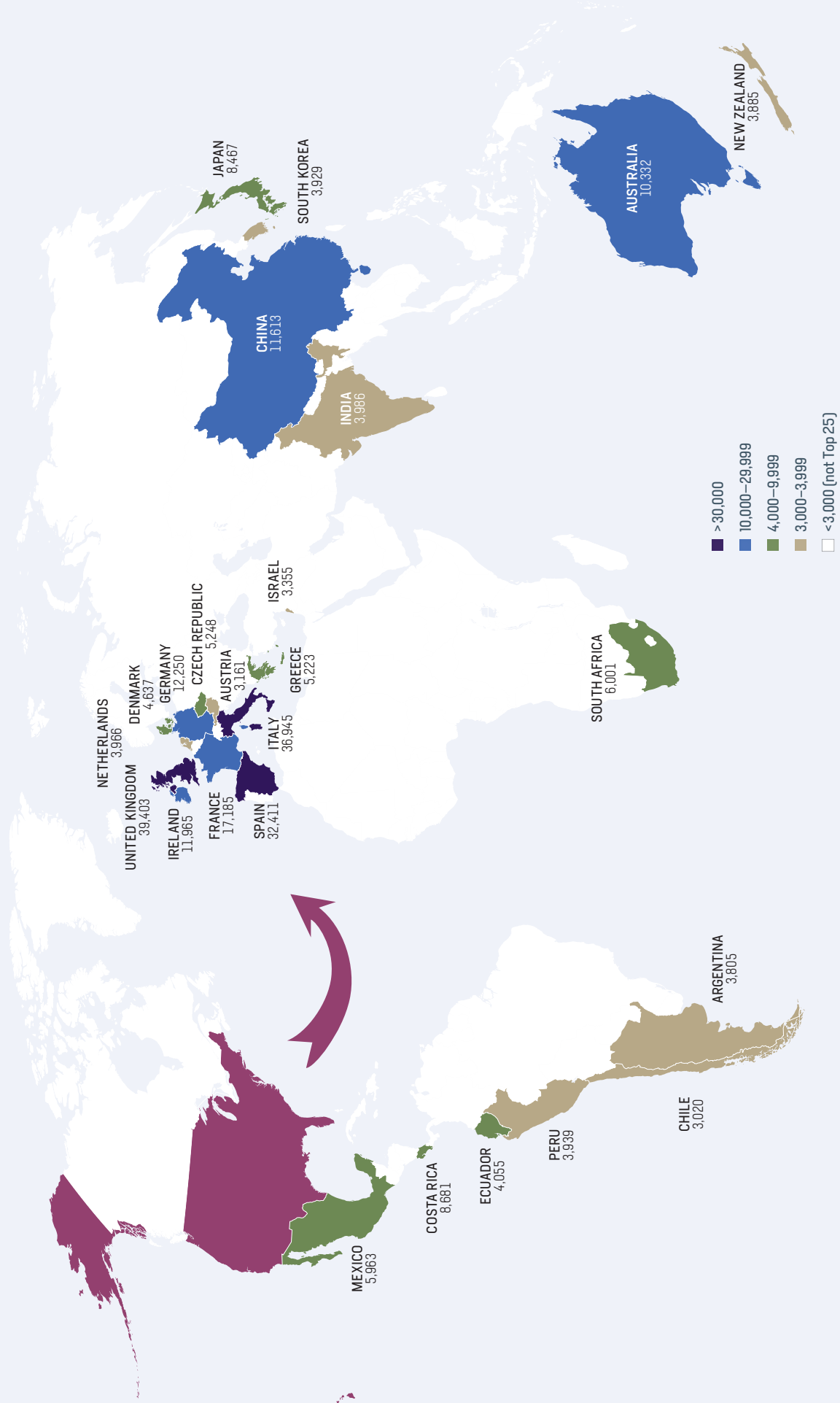


FIGURE 2 Top 25 Study Abroad Destinations of U.S. Students, 2017/18



U.S. TRENDS

International Students in the United States

International students in the United States reached an all-time high driven by students pursuing Optional Practical Training (OPT).

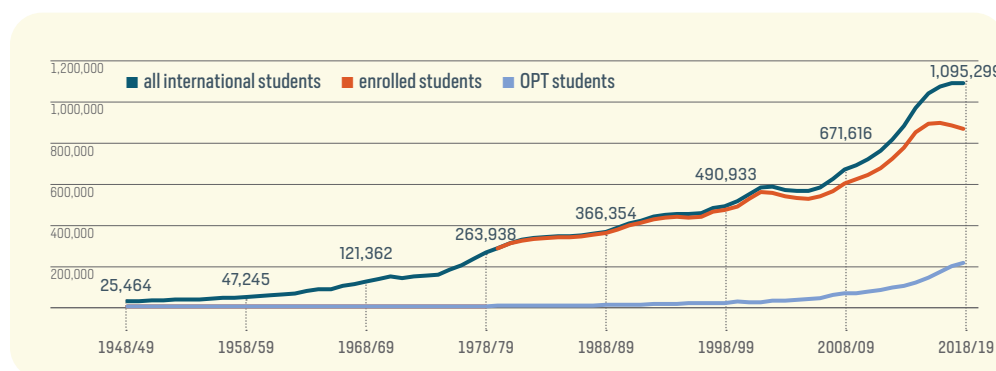


FIGURE 3
International students
in the United States,
1948/49–2018/19

For the fourth consecutive year, the United States hosted more than one million international students in 2018/19, growing by 0.05 percent from the prior year to reach 1,095,299 students (Fig. 3). Although the rate of growth slowed, international students from more than 200 countries continue to be drawn to the quality and reputation of U.S. higher education institutions, academic freedom, and post-graduation work opportunities through Optional Practical Training (OPT).

Students pursuing OPT after graduation continued to drive international student growth, increasing by 10 percent to reach 223,085 students in 2018/19 (Table 1.3). The sustained rise of OPT is likely the result of an increasing interest among students to pursue science, technology, engineering, and math (STEM) majors as well as the STEM OPT extension, which allows students within these fields to work in the United States for up to 36 months after graduation. The growth in OPT, however, has slowed in recent years as the initial impact of the STEM OPT extension policy change has stabilized.

The number of international students enrolled at U.S. higher education institutions decreased by 2 percent to 872,214 students due to declines across the undergraduate, graduate, and nondegree enrollment levels (Table 1.3). The 2018/19 academic year marked the second consecutive drop in absolute numbers

of enrolled students, which has decreased by approximately 30,000 students since 2016/17.

In a separate survey conducted by IIE and nine partner organizations, campus administrators from approximately 500 U.S. institutions expressed concern that the overall number of international students may decrease in future years if new enrollments continue to decline along with lower rates of OPT growth. In response to these concerns, many institutions reported building recruitment pipelines by leveraging the knowledge from current international students and alumni, agents, and the EducationUSA resources of the Global Guide, recruitment fairs, and the network of more than 550 advisers in 180 countries supported by the U.S. Department of State (Sanger & Baer, 2019).

NEW ENROLLMENT IMPROVING

The downturn in overall enrollment reflects the decline that began in 2016/17 of new international students studying for the first time at a U.S. college or university. In 2018/19, new enrollment began to stabilize. Rebounding from 7 percent declines the previous year, in 2018/19 new enrollments fell by less than 1 percent, likely due to robust recruitment efforts to attract international students.

The 2019 fall enrollment snapshot survey indicated new enrollment declines (-1 percent) have remained

stable (Sanger & Baer, 2019). Changes in new enrollment varied by institution type and location with half of the institutions reporting level or increased enrollments (49 percent). Among the 51 percent that noted decreases in new enrollment, the vast majority (95 percent) attributed the decline to multiple factors, including visa processes, global competition from other countries to attract international students, the U.S. social and political climate, and high tuition costs (Sanger & Baer, 2019).

GLOBAL TRENDS WITHIN THE OPEN DOORS DATA

Traditionally, the *Open Doors* publication examines short-term trends in international students for the most recent few years. In this 70th anniversary issue, we reflect on seven decades of international student data. As a result of the longitudinal nature of the data, we have observed world history reflected in the lens of international education. In this manner, the ebb and flow of international students highlights the stories of shifting political regimes, oil crises, currency fluctuations, and technological innovations. We highlight two such stories here and invite readers to explore *Open Doors'* historical data, where many more trends and insights can be brought to life.

Fall of Communism in Eastern Europe Evidence of the Cold War can be observed throughout the *Open Doors* data, from the 1950s to the fall of communism in Central and Eastern European countries during the late 1980s and early 1990s. Although international students from many countries in Western Europe enrolled at U.S. institutions at higher rates between 1950 and 1990 than previously, relatively few students came from the U.S.S.R. and Eastern Bloc countries. It was not until 1989/90, when the Cold War was coming to an end and independence movements took hold in Eastern Bloc countries, that the number of international students from these countries began to enroll in U.S. higher education institutions at the same levels seen almost 40 years prior.

A notable example of this trend can be seen in the international student flows from Hungary. Following World War II, relatively few international students from Hungary enrolled at institutions in the United States until a notable one-year spike coinciding with the Hungarian Revolution of 1956. Following the revolution, IIE established a scholarship program that supported several hundred of the nearly 1,000 Hungarian students who sought refuge in the United States (IIE, 2019).

Rise of the Information Age As students seek to acquire the skills that will best position them to succeed in today's workforce, there has been a subsequent shift in international student majors that mirrors workforce trends. The most prominent change has been within the fields of math and computer science.

Although mathematics has been a subject of study for centuries, computer science is a relatively new area of study. The first computer science courses for credit began in the 1940s, the first Computer Science Department at a U.S. institution was established in 1962, and computer science was added to the National Center for Education Statistics' Classification of instructional programs in 1970 (Huff & Chandler, 1970; Rice & Rosen, 2017; Wood, Aiken & Brooks, 2011).

Open Doors added computer science in 1975/76 survey when the combined field of math and computer science listed approximately 9,000 students. Since then, the number of international students within these two fields has soared to over 200,000, of which more than 156,000 are enrolled in computer science (Fig. 4). As of 2018/19, math and computer science have become the second leading major (after engineering) among international students in the United States, surpassing business and finance majors. The U.S. Bureau of Labor Statistics is projecting that related occupations will be among the fastest growing occupations in the next decade. In addition, nearly half of the top 25 universities globally for computer science degrees are located in the United States. Based on these statistics, it is likely that *Open Doors* will continue to record growth in the number of international students pursuing this field in the coming years (Bureau of Labor Statistics, 2019; Times Higher Education, 2019).

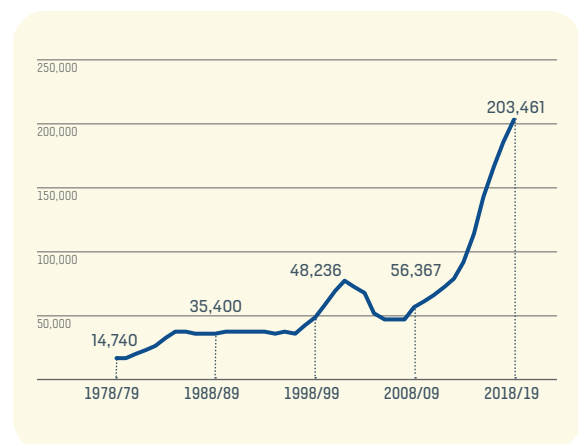


FIGURE 4 International students studying math and computer science, 1978/79–2018/19

U.S. TRENDS

U.S. Destinations of International Students

Capacity to host international students varies by state, academic level, and institution type.

U.S. colleges and universities are committed to providing educational offerings for all students, and the more than one million international students who studied in the United States in 2018/19 were attracted to the wide array of degree-granting higher education institutions. International students are enrolled at institutions in every U.S. state and of every size and sector including large research universities, small liberal arts colleges, community colleges, and special focus institutions, such as art and design schools (Tables 1.16, 1.22, 1.23).

U.S. CAPACITY TO HOST INTERNATIONAL STUDENTS

The United States hosts twice as many international students as the next largest host, due to the quality and reputation of its academic programs and the extensive capacity and diversity of its more than 4,000 higher education institutions (*Project Atlas*, 2019). International students comprised only 5.5 percent of the nearly 20 million students enrolled at U.S. institutions (Table 1.1). In comparison, international students represented more than 20 percent of the higher education population in the United Kingdom, Australia, and Canada (*Project Atlas*, 2019).

Capacity, however, varies by state, academic level, and institution type. Although international students in Massachusetts, the District of Columbia, and Delaware comprised more than 10 percent of the student body, two-thirds of states and territories within the United States hosted less than the 5.5 percent of the national average of international students in 2018/19 (Table 1.17) (Fig. 5). There were also significant differences between the number of international students within the student population at the undergraduate versus graduate levels. International students made up approximately 13 percent of the graduate student population, where a majority of students enroll in STEM fields (U.S. Department of Education, 2019) (Table 1.7). However, international students comprised only 3 percent of the U.S. undergraduate population, with even fewer (1 percent) enrolled in U.S. community colleges. The U.S. Department of State's Bureau of Educational and Cultural Affairs has been highlighting community colleges and the 2+2 model as a cost-effective option for international students who have limited financial resources (Stacey, 2019).

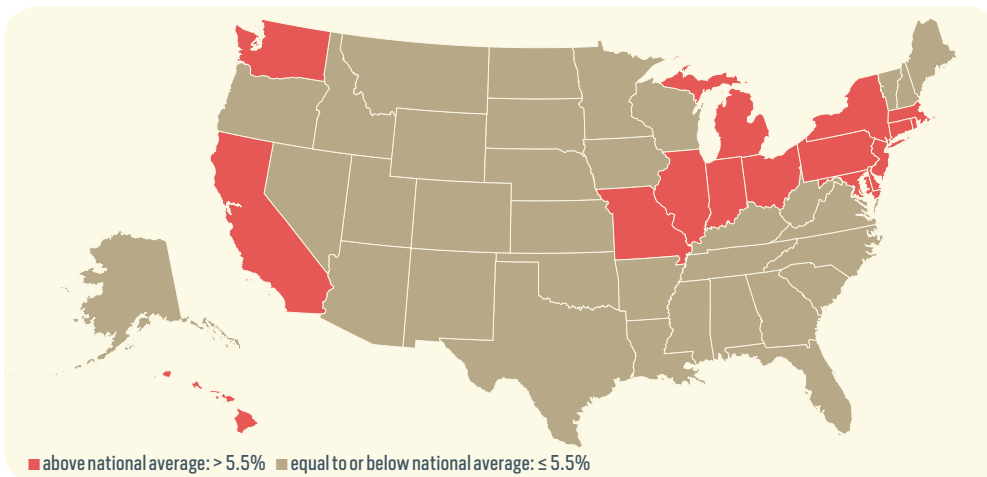


FIGURE 5 International students as a share of total higher education enrollment, 2018/19

INSTITUTIONAL PLACE OF ORIGIN DIVERSIFICATION

Higher education institutions are committed to expanding the diversity of student perspectives on their campuses and value the breadth and depth of diversity within their international student bodies (U.S. Department of Education, 2016). One metric of diversification is the number of different places from which international students originate. In total, international students at U.S. colleges and universities came from 217 places of origin globally in 2018/19. At the institutional level, however, the number of unique places of origin represented is often much smaller. College and universities, on average, host students from 39 places of origin.

Although individual institutions have had success in attracting students from across the globe, diversification among places of origin often varies by institution type and size (Fig. 6). Doctoral universities host students from 78 countries on average, with those classified as R1, very high research activities, attracting students from 110 places of origin. This diversity is likely driven by their capacity to host a larger number of students, robust recruiting efforts, and global name recognition. In contrast, liberal arts colleges, community colleges, and special focus institutions host students from fewer than 30 places of origin on average (Fig. 7).

Measuring the number of unique places of origin at an institution is helpful for understanding the breadth of student perspectives on campus; however, it is also crucial to examine how many students are on campus from leading places of origin. For the first 60 years of *Open Doors*, the top two leading places of origin comprised less than 30 percent of the international student total nearly every year. However, over the past decade, there has been a notable shift with a greater proportion of international students coming from a smaller number of countries. Students from the top two places of origin, China and India, increased from 30 percent of the total in 2008/09 to 52 percent in 2018/19. Doctoral institutions have the highest proportions of Chinese and Indian students (57 percent of the total), while other institutional types, particularly community colleges, have a more diverse international student composition where the leading places of origin (China and Vietnam) comprise only 30 percent of the total (Table 1.25). As institutions look to expand international student recruitment, colleges and universities may look

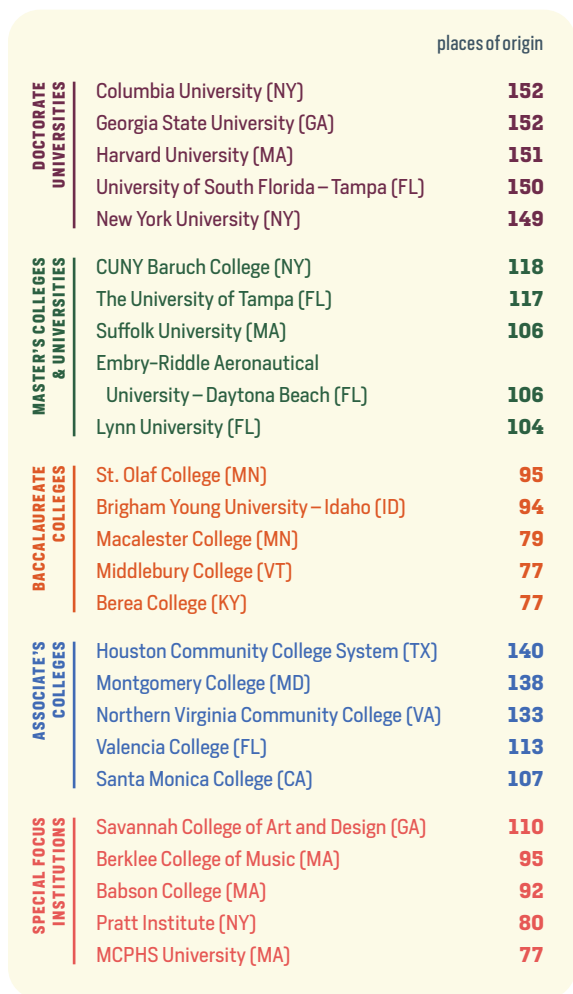


FIGURE 6 Top five institutions with most places of origin by institutional type, 2018/19

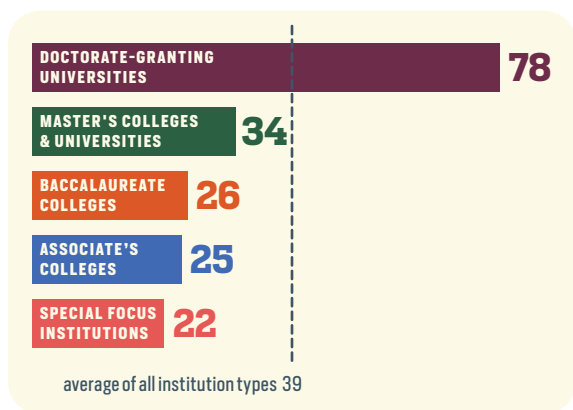


FIGURE 7 Average number of places of origin by institutional type, 2018/19

to recruit incoming cohorts from other emerging international student markets, such as Bangladesh, Brazil, Nigeria, and Pakistan, to both grow and diversify their international student body.

SPOTLIGHT

Emerging International Student Markets

Bangladesh, Brazil, Nigeria, and Pakistan have seen increased growth that is likely to continue.

In the past decade, the flows of international students to the United States from a number of countries have steadily increased, creating robust student export markets that have influenced their development and furthered the diversity of international students on U.S. campuses. Although international flows to the United States from the top two places of origin, China and India, continue to grow, U.S. campuses have also increased outreach and recruitment in growing international student markets.

Emerging international student markets are defined in this analysis as places of origin that experienced more than 50 percent growth in their international student population to the United States in the past decade. Among the top 25 places of origin in 2018/19, only four places of origin, Bangladesh, Brazil, Nigeria, and Pakistan, had one-year growth rates exceeding 5 percent. These four countries also had positive growth rates compared with 10 years ago (Fig. 8). It is no surprise that these four countries are also the fifth, sixth, seventh, and eighth largest countries in the world by population (U.S. Census Bureau, 2019). We focus on these countries as examples of emerging international student markets to identify the push-and-pull factors affecting international student mobility.

NUMBER OF TERTIARY AGE STUDENTS IS GROWING

Although population growth in some international student markets, including the United States, United Kingdom, and China, has slowed, the pool of university-age youth in Bangladesh, Nigeria, and Pakistan continues to grow (Fig. 9). In Nigeria, for example, the youngest of the emerging international student markets, the median age is 19, with the majority of the population primary education age or younger (World Bank, 2019). Since 2000, Nigeria's population has grown by 62 percent (United Nations, 2019) and by 2050 is set to surpass Brazil, Pakistan, and Indonesia to be the fourth most

populous country in the world. As youth populations mature, the numbers of students looking to pursue tertiary education is expected to increase. Bangladesh and Pakistan have distinct youth bulges, with nearly half of the populations at or younger than university age. The slowest growth rate is evident in Brazil, where an increase in the university-age population in the 2000s has flattened in recent years. At the same time, tertiary enrollment in all four countries has increased and is anticipated to grow. This combination of growing tertiary enrollment and growing university-age populations, indicates a demand that may outweigh supply of domestic education options, pushing students to pursue degrees abroad.

LIMITED DOMESTIC HIGHER EDUCATION CAPACITY

If we anticipate that the demand for higher education will increase as more students reach university age, the capacity of domestic higher education markets is not keeping up. Enrollment of students in universities and

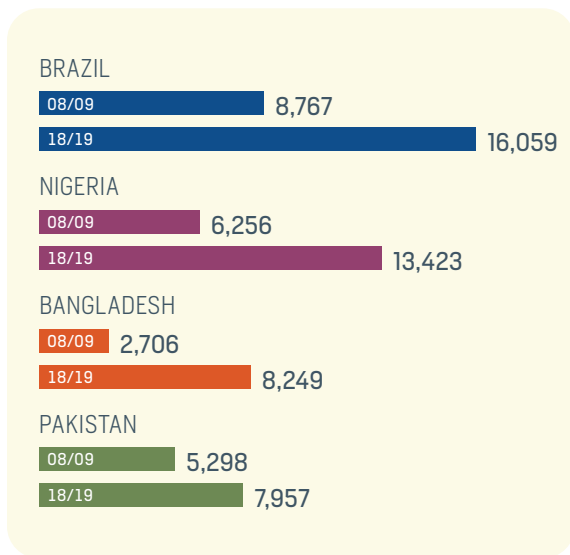


FIGURE 8 International students studying in the United States from Brazil, Nigeria, Bangladesh, and Pakistan, 2008/09 & 2018/19

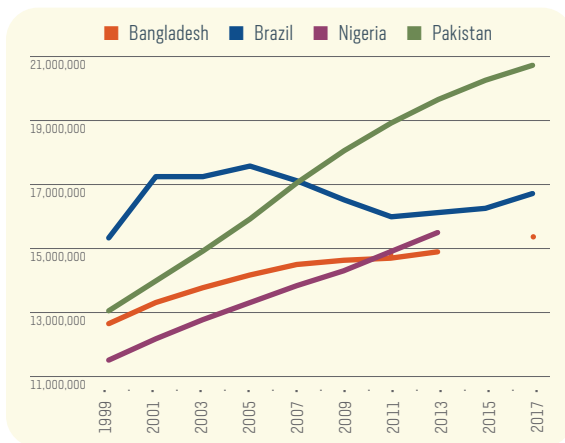


FIGURE 9 Population of university-age students from Bangladesh, Brazil, Nigeria, and Pakistan, 1999–2017 SOURCE: UNESCO, 2019

	2005	2018
United States	80.64	88.17*
China	19.09	50.60
India	10.68	28.06
Indonesia	17.23	36.31
Pakistan	4.92	9.08
Bangladesh	6.45	20.57
Nigeria	10.49	10.17**
Brazil	25.99	51.34

* latest data available for 2017 ** latest data available for 2011

FIGURE 10 Tertiary school enrollment as percentage of gross, 2005 and 2018 SOURCE: UNESCO, 2019

colleges as a percentage of all eligible for such study is low (Fig. 10). Of the four countries previously discussed, colleges and universities in Brazil seem to meet the most demand for students that want to pursue higher education; approximately 50 percent of the college-age population is enrolled in higher education. In Bangladesh, however, the percentage is much lower, at 20 percent. In Nigeria and Pakistan, only one in every 10 students of university age is currently enrolled in tertiary education (UNESCO, 2018).

One cause of low enrollment in tertiary education is the limited availability of tertiary education options, both public and private. According to *PIE News*, between 2010 and 2015 only 26 percent of the 10 million applicants to Nigerian tertiary institutions gained admission — so there are many students who may be looking for opportunities to pursue higher education that do not gain acceptance to local universities (Parr,

2018). Bangladesh has a population of 160 million and only 120 accredited and registered colleges and universities. By contrast, Russia, with a population of 140 million, has more than 700 (IAU, 2019). With a disparity in the academic options available, students from these countries are faced with difficult decisions on where to pursue their studies. Most of these countries plan to address the gap in higher education options; Nigeria is looking to increase its higher education market by 290 universities (Parr, 2018). However, this shift will take time, and for some students, an international education may be a viable option.

ECONOMIC GROWTH SUPPORTS EDUCATION EXCHANGE

Emerging international student markets benefit from not only a growing student population but also a growing means of financing study abroad for students from these countries. Although these emerging markets often mirror emerging market economies, it is important to note the fickle nature of economic growth and the fact that not all countries have seen booming growth. When mapping gross domestic product (GDP) growth in the past decade, for example, both Brazil and Nigeria went through periods of negative growth in 2015 and 2016 caused by recessions and devaluation of currency (Fig. 11). The uncertainty of financial markets can deter some international students from committing to the high price of education in the United States or the United Kingdom. Despite GDP fluctuations, increasing rates of international students have mirrored the growth of the middle class, meaning individuals and families are more likely to have the means to finance study abroad.

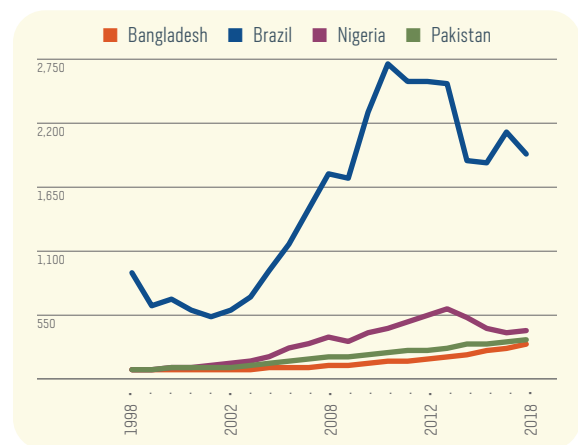


FIGURE 11 Gross domestic product, in billions of current U.S. dollars, 1998–2018 SOURCE: WORLD BANK, 2019

U.S. TRENDS

U.S. Study Abroad

Study abroad growth continues with one in ten U.S. undergraduates estimated to pursue educational activities abroad before graduating.

Study abroad has been identified as a high-impact learning experience with numerous valuable academic and employment outcomes (Farrugia & Sanger, 2017; National Survey of Student Engagement, 2018). It is not surprising then that an increasing number of U.S. students are going abroad, and that U.S. campuses are making wider and more diverse opportunities available to their students. In 2017/18, the number of U.S. students who studied abroad for academic credit climbed to 341,751, up by 3 percent over the prior year.

TRENDS IN STUDY ABROAD GROWTH

Over the past 20 years, the number of U.S. students studying abroad for academic credit has tripled from approximately 114,000 in 1997/98 to nearly 342,000 in 2017/18. The only year that did not experience growth was 2008/09, likely reflecting the impact of the 2008 financial crisis on sending institutions and individual families.

A rapid increase in the number of students participating in short-term study abroad, which includes summer experiences and study abroad for eight weeks or less during the academic year, drove study abroad growth over the past two decades (Fig. 12). The expan-

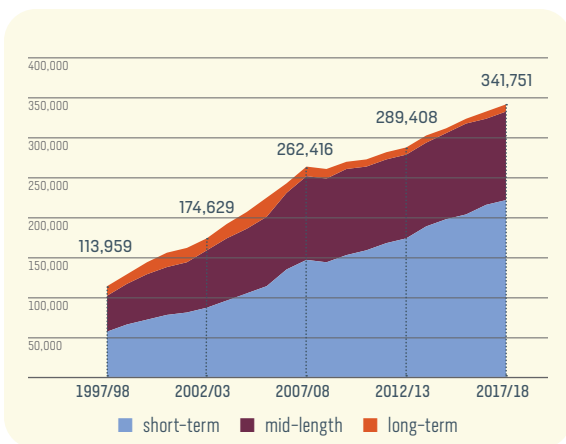


FIGURE 12 U.S. study abroad trend by duration, 1997/98 – 2017/18

sion in short-term study abroad was likely due to college and university efforts to include a more diverse group of students through a wider range of program offerings.

Twenty years ago, only 18 percent of students studying abroad were from underrepresented racial and ethnic groups, 18 percent majored in the STEM fields, and 35 percent of students were male. In 2017/18, the student profile was more diverse with 30 percent of study abroad students identifying as a racial or ethnic minority and 26 percent majoring in STEM. The proportion of men going abroad, however, has remained virtually unchanged, with men comprising 33 percent of study abroad students. Although representation has improved over the past decade, additional efforts are needed to better reflect the current profile of U.S. students including the growing racial and ethnic diversity, fields of study, and gender balance (Fig. 13).

STUDENTS TRAVEL ACROSS THE WORLD TO GAIN GLOBAL PERSPECTIVES

U.S. students have increasingly traveled to destinations across the world to gain global perspectives. When *Open Doors* first began reporting data on worldwide destinations for study abroad in 1993/94, it reported U.S. students in 128 global destinations. As of 2017/18, this number increased by nearly 50 percent with students traveling to more than 180 destinations to pursue educational activities (Table 2.7).

Europe continues to be the predominant destination for U.S. students abroad, with the top six host countries being the United Kingdom, Italy, Spain, France, Germany, and Ireland (Table 2.5). Strong growth in European destinations, including Greece (+20 percent), the Netherlands (+15 percent), and Czech Republic (+10 percent), led study abroad within the European region to increase by 4 percent over the prior year (Table 2.7).

The 2017/18 declines in study abroad to Asia and Latin America were principally driven by falling

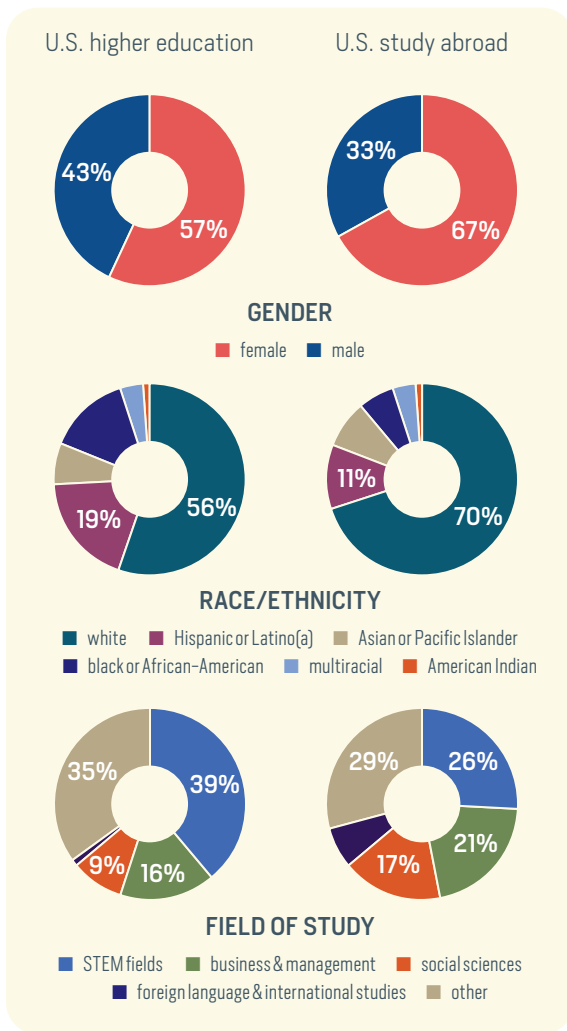


FIGURE 13 U.S. study abroad and higher education enrollment by gender, race/ethnicity, and field of study, 2017/18
 SOURCES: U.S. DEPARTMENT OF EDUCATION, DIGEST OF EDUCATION STATISTICS, 2018; U.S. DEPARTMENT OF EDUCATION, NATIONAL POSTSECONDARY STUDENT AID STUDY, UNDERGRADUATE, 2016

numbers in a few, select destinations. In Asia, the 1 percent decline was due to a decrease in study abroad to China and India (-3 percent and -15 percent, respectively). India, in particular, had experienced a robust increase in the prior year due to a one-year programmatic surge across several institutions, and the declines noted in 2017/18 reflect a return to the longer-term trend.

An overall Latin America and Caribbean regional decline was driven primarily by a 47 percent drop in study abroad to Cuba, likely due to increased travel restrictions. When examining all other countries in the region outside of Cuba, study abroad to Latin America and the Caribbean grew by 3 percent led by growth to Argentina (+11 percent), Peru (+7 percent), Costa Rica (+4 percent), and Mexico (+4 percent).

UNDERGRADUATE PARTICIPATION IN STUDY ABROAD VARIES

The undergraduate participation rate is a useful proxy estimate of the proportion of students in both two- or four-year institutions who studied abroad at least once during their undergraduate degree program (page 126). Nationally, it is estimated that one in every ten undergraduate students pursues study abroad prior to graduation. This number, however, varies considerably by sector and institution type (Fig. 14). An estimated 21 percent of U.S. undergraduate students at private not-for-profit institutions studied abroad, with students at private liberal arts colleges and doctoral universities going abroad at significantly higher rates (29 percent and 28 percent, respectively). Among public colleges and universities, only 9 percent of students pursued study abroad opportunities during their undergraduate studies. Across both private not-for-profits and public institutions, students attending community colleges studied abroad at the lowest rates with barely 1 percent of community college students pursuing study abroad opportunities while enrolled in their two-year programs.

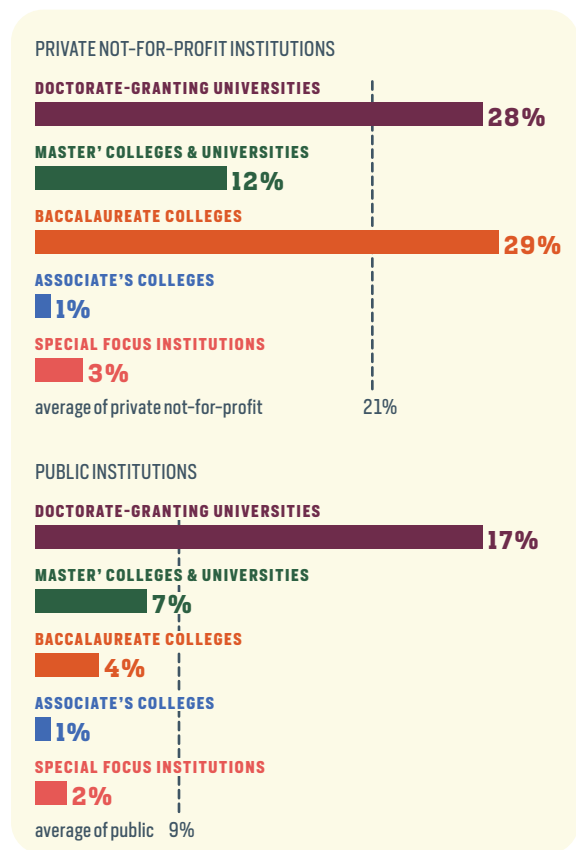


FIGURE 14 Undergraduate participation in study abroad by sector and institutional type, 2017/18

SPOTLIGHT

Measuring Study Abroad from the United States

More than 450,000 students studied abroad from the United States in 2017/18.

The ability to collect U.S. study abroad data from colleges and universities has historically been a challenge due to the variety of ways students pursue educational activities abroad, with the study abroad field consistently lamenting the “limitations of the completeness and accuracy” (Holland, 1956). This was true when *Open Doors* began collecting data and remains true today, even as *Open Doors* continues to enhance the scope of data collected from institutions. What has changed over the past seven decades, however, is a monumental shift in focus on the impact of study abroad experiences, data collection techniques, and access to study abroad for students, driving U.S. campuses to expand both their programming and the quality of the data they collect and share with IIE.

HISTORY OF STUDY ABROAD IN THE UNITED STATES

When *Open Doors* began in 1948/49, no reliable and consistent data existed on the number of U.S. students studying abroad. It was not until *Open Doors* reported the results of a 1954/55 survey of overseas universities, that the first data was reported on the approximately 9,500 U.S. students attending foreign institutions. IIE endeavored to expand this data collection over the next 20 years, however, the reporting consistency from overseas institutions was sporadic. As a result, the survey was suspended in 1973.

Open Doors briefly surveyed program sponsors on study abroad in the early 1980s before relaunching the current data collection process in 1986 focused on data from U.S. higher education institutions and their U.S. students who received academic credit from the home institution for coursework taken abroad. Over the past 25 years, *Open Doors* data has incrementally expanded to include U.S. students overseas on non-credit experiential activities and international students matriculated at U.S. institutions studying abroad for academic credit. Simultaneously, data from the *Project Atlas* initiative supplements the *Open Doors* information by gathering

data from host countries on the number of U.S. students pursuing full degrees abroad. *Open Doors* and *Project Atlas* now record that there were more than 450,000 students studying abroad from the United States in the 2017/18 academic year, including degree study abroad and non-credit educational experiences along with U.S. students receiving credit back home for study abroad.

STUDY ABROAD BY THE NUMBERS IN 2017/18

341,751

**U.S. STUDENTS
ABROAD RECEIVING
ACADEMIC CREDIT**

The principal way that U.S. home institutions report to *Open Doors* on the number of their U.S. students studying abroad was by counting students who received academic credit towards their degree programs. The number of U.S. students studying abroad for credit climbed to 341,751 students in the 2017/18 academic year. As U.S. higher education institutions have increasingly recognized the value of study abroad for building intercultural competencies, improving student grade point averages, increasing student retention, and increasing employability after graduation (Farrugia & Sanger, 2017; Sutton & Rubin, 2010; Willett, Pellegrin, & Cooper, 2013), the number of students pursuing study abroad has significantly increased.

Study abroad data collection among institutions has also improved considerably over the past two decades. However, institutions continue to face challenges in gathering information on specific variables. IIE’s Graduate Learning Overseas (GLO) project documents that graduate students tend to be undercounted within *Open Doors* due to a combination of factors including the decentralized nature of graduate programs, specialized or custom graduate experiences overseas, as well as the intentional focus of study abroad offices on the undergraduate student population (Sanger & Mason, 2019).

Another area consistently underreported is the number of students with disabilities going abroad, which can be challenging to record due to privacy concerns and the sensitive nature of the information. To address these challenges, the GLO project aligned data with *Open Doors* to build awareness on reporting study abroad at the graduate level, with support from the U.S. Department of Education. IIE has also welcomed its ongoing collaboration with Mobility International USA to support and build best practices on how to report data on students with disabilities.

38,401

**U.S. STUDENTS ABROAD
ON NON-CREDIT
EXPERIENTIAL ACTIVITIES**

Institutions are increasingly offering non-credit study abroad opportunities. More than 38,000 U.S. students went abroad on experiential activities and did not receive credit at their home institution for their time abroad as of 2017/18. Several institutions have robustly built non-credit opportunities and report more students going abroad on non-credit experiential activities than on for-credit study abroad, such as Utah Valley University and Oberlin College. However, non-credit study abroad numbers continue to be an undercount because of data collection challenges. IIE's first survey on non-credit education abroad in 2010/11 drew responses from 116 U.S. colleges and universities and expanded to 441 higher education institutions as of 2017/18. Although this number is the highest level of institutional reporting since *Open Doors* began collecting non-credit data, many institutions are still building capacity to comprehensively record this information.

19,137

**INTERNATIONAL STUDENTS
STUDYING ABROAD
FOR ACADEMIC CREDIT**

The *Open Doors* Study Abroad Survey historically measures the outbound flow of U.S. students, which allows the report to directly compare outbound mobility of U.S. students abroad with the inbound mobility data collected in the International Student Census Survey. However, study abroad professionals at U.S. institutions are committed to serving all students on their campuses, including international students who

pursue education abroad opportunities. In recognition of this, *Open Doors* began to collect and report on the number of international students pursuing degrees at U.S. higher education institutions who also studied abroad for academic credit towards their U.S. degree. In 2017/18, more than 605 U.S. institutions reported that approximately 19,000 international students availed themselves of these opportunities.

50,989

**U.S. STUDENTS ABROAD
RECEIVING FULL DEGREES**

Project Atlas partners identified approximately 51,000 U.S. students directly enrolled in institutions abroad pursuing a full degree. The United Kingdom remains the largest host, and other English-speaking countries continue to attract U.S. students, such as Canada, Australia, and New Zealand. Other non-English speaking countries, such as France, Germany, and China, also attract U.S. students, particularly through degree programs taught in English.

The data from *Project Atlas* partners reflect the largest host countries of international students throughout the world and provide comprehensive national-level data on U.S. students studying abroad for full degrees. However, it is limited in scope since there are other countries hosting U.S. students beyond the 30 countries within the *Project Atlas* network. As a result, this number remains an undercount of U.S. students studying abroad for their full degree.

THE FUTURE OF STUDY ABROAD FROM THE UNITED STATES

Although there is now more information on study abroad than ever before and wider participation, institutional efforts should continue to build pipelines of access for students of all backgrounds to study abroad, engage campus stakeholders in study abroad data collection across all academic levels, and build the reporting capacity on U.S. students studying abroad. Over the past seven decades, the data collected through *Open Doors* and complementary projects, such as *Project Atlas* and GLO, have informed the field and provided insight on trends seen at the local level that are part of larger movements. IIE is committed to assisting academic institutions and other host countries to expand and improve their data collection and reporting, as we also continue to improve and expand our own reporting in *Open Doors*.

U.S. TRENDS

U.S. Intensive English Programs

International IEP students in the United States declined for the fourth year in 2018, though rate of decline has slowed from prior years.

Intensive English Programs (IEPs) have historically been one of the first touchpoints for many international students coming to the United States in the pursuit of a university degree. In 1978, IIE began conducting an annual survey to learn more about IEP participation. In that first year, IEP providers reported that 23,607 international students participated in an IEP.

The commitment to collect comprehensive nationwide data on the IEP industry continues today (Fig. 15). In the 2018 calendar year, 400 IEPs enrolled 78,098 international students to study intensive English for 1,057,650 student weeks. This reflects an approximate 10 percent decline in IEP students and a 14 percent decline in student weeks, marking an improvement from 2017 when IEP student enrollment fell by 20 percent and student weeks declined by 20 percent.

IEP enrollment varies by world regions (Table 3.5). For the first time since 2014, the number of international students studying in IEPs from Latin America and the Caribbean grew (+8 percent) supported by increases in Brazil, Mexico, and Colombia (Table 3.6). This growth, in combination with declining students

from the Middle East and North Africa (MENA), resulted in Latin America and the Caribbean surpassing MENA to become the second largest region of origin of IEP students. Declines in the MENA region continued to be driven by a decline in the number of students from Saudi Arabia (-13 percent), a leading place of origin of IEP students in the United States. These declines are attributed to changes in the Saudi Arabian government scholarship initiative, including a tightening of student eligibility requirements for the scholarship program.

College and university IEP enrollment grew by 7 percent, despite a majority of institutions reporting declining enrollments. In contrast, IEP enrollment at independent providers fell by 26 percent with an overwhelming majority of independent providers reporting declining enrollments.

IEP RESPONSE TO A SHIFTING MARKET

Fluctuations in the IEP market present both a challenge and an opportunity to the many institutions, organizations, and providers who work together to create intensive English programming. Similar to shifts in overall international student enrollment, multiple factors affect the number of international students coming to the United States to pursue English language studies. These factors include the availability of home country scholarships for IEPs and academic study abroad, access to local or home-based English language training, and advances in technology and online learning opportunities, among others.

With the help of faculty and administrators, IEPs across the country are revisiting course offerings, providing short-term and customized programs, focusing on conditional admissions, launching pathway programs that incorporate academic coursework, and developing courses that cater to their local immigrant communities (Ladika, 2018).

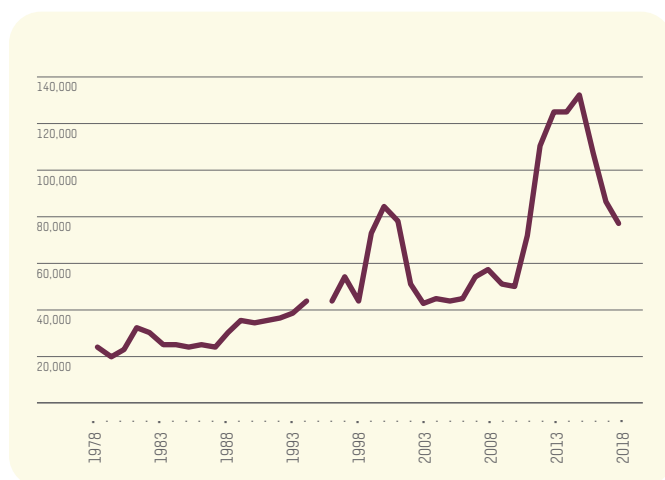


FIGURE 15 Intensive English Program students in the United States, 1978–2018

U.S. TRENDS

International Scholars in the United States

Nearly 60 percent of international scholars in the United States are from Asia.

IIE's data on international scholars complements the data collected on international students and provides a more comprehensive picture of academic mobility flows to the United States. Collectively, international scholars include academic faculty, researchers, clinicians, and post-doctoral fellows who bring their knowledge and experience to U.S. classrooms, provide global perspectives to U.S. students, and strengthen ties between U.S. faculty and universities around the world. The International Scholar Survey has been administered by IIE for 47 years, originally launched in 1955 with a hiatus in collection from 1974 to 1990.

In 2018/19, U.S. institutions reported 136,563 international scholars from 194 countries engaged in academic activities at U.S. higher education institutions. This represents a 1 percent increase from the prior year. Nearly 60 percent of scholars were from Asia, with scholars from China representing the largest share at 47,964, or 35 percent of visiting scholars (Table 4.4). The number of scholars from India grew at the fastest rate, increasing by 11 percent to reach 14,073 in 2018/19.

Although scholars come to the United States from all over the world, distinct trends are observed over time. In the inaugural year of the survey, institutions reported that 635 international scholars hailing from 50 countries came to the United States. Scholars from Europe comprised half of visiting scholars, with the largest number of scholars coming from the United Kingdom.

International scholars contribute to all academic fields, though they primarily specialize in the STEM fields (77 percent) (Table 4.2). Among STEM scholars, 35 percent focus on the physical and life sciences, most notably in the biological and biomedical sciences.

PRIMARY FUNCTION VARIES BY INSTITUTION TYPE

Each year institutions report on the primary activity that their international scholars are engaged in —

clinical work, research, teaching, or a combination of the prior two. In 2018/19, international scholars at doctoral universities comprised 91 percent of all international scholars, with the majority primarily engaged in research (80 percent) (Fig. 16). Within special focus institutions, 70 percent are focused on research while 23 percent are teaching as well as conducting research. In comparison, baccalaureate colleges and master's institutions have much higher proportions of scholars engaged primarily in teaching.

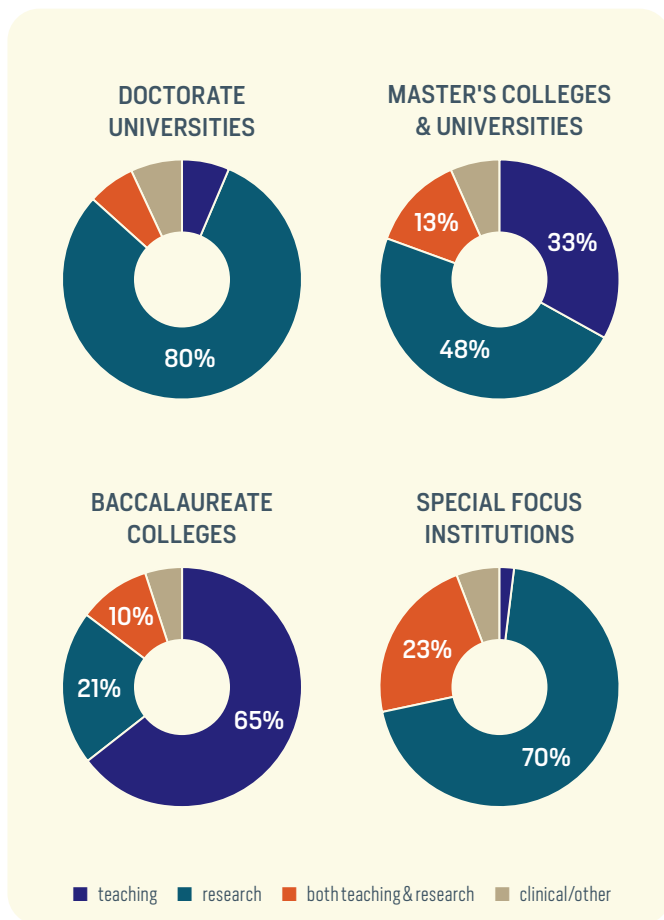


FIGURE 16 International scholar primary activity by institution type, 2018/19

Global Student Mobility

Over 5.3 million higher education students studied abroad in 2017, with the number projected to reach 8 million by 2025.

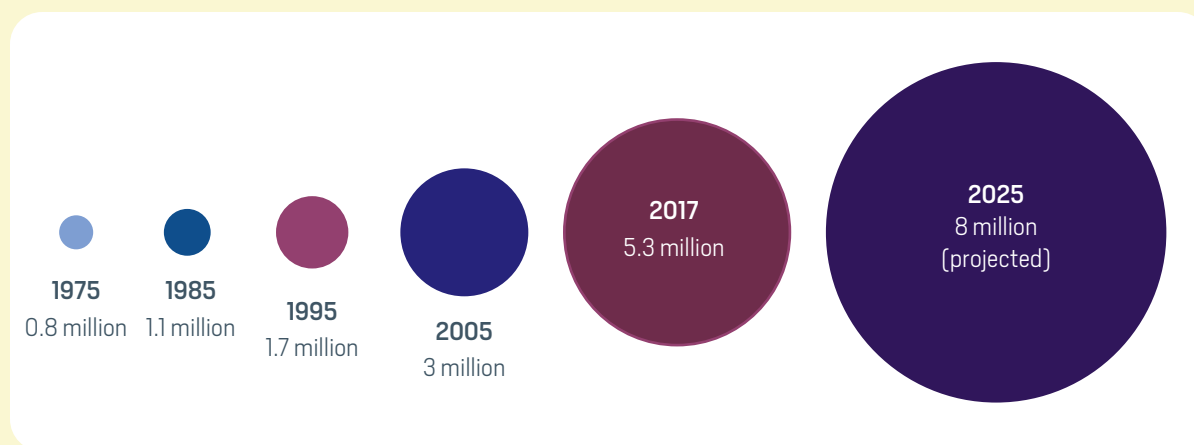


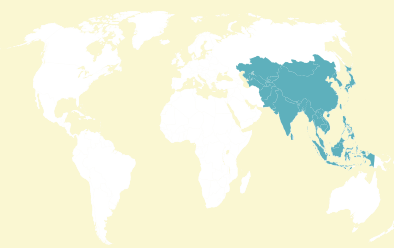
FIGURE 17 Internationally mobile students 1975–2025 SOURCE: OECD, 2014 AND 2019

As the number of internationally mobile students continues to rise, so does the complexity of their mobility patterns. The Organisation for Economic Co-operation and Development (OECD) estimates that more than 5.3 million students crossed a border to pursue an international education experience in 2017, more than double the 2.5 million recorded 15 years ago in 2002 (OECD, 2019) (Fig. 17). Although Anglophone countries remain the predominant hosts of all international students, hosting nearly 50 percent, international student enrollment in regional hubs and other emerging destinations continues to accelerate in response to growing student demand for educational opportunities.

The rapid rise of international student mobility is in part due to demographic shifts, including the high birthrate in countries such as India and Nigeria, leaving students with limited opportunity in their home country to pursue a higher education. This pattern is juxtaposed against the declining birthrate in other countries where an excess capacity exists within higher education. In concert, these two patterns led to a multi-level response from stakeholders at the international, national, and institutional levels. The UN Sustainable

Development Goal 4 has encouraged countries to focus on inclusive and quality education, including the expansion of scholarships for students from developing countries (United Nations, 2015). At the national level, countries are creating or refining domestic strategies that include international student targets and scholarships as well as post-degree practical training (Bhandari, 2019). Simultaneously, institutions are raising their higher education profile through active international recruitment, expansion of alumni networks, and a focus on international rankings, among other activities.

The “push” and “pull” factors described above influence students’ decision to study abroad, however various other factors further influence a students’ decision on where to study abroad. Students may be influenced by geographic proximity to home, language, bilateral relationships and history (OECD, 2019). Half of all globally mobile students are enrolled at the undergraduate level with some countries reporting more than two thirds of their international students at the undergraduate level (*Project Atlas*, 2019). This means that for many international students, parents may also be involved in the key decision about where they study abroad.



Asia

In 2018/19, postsecondary students from across Asia accounted for 70 percent of all international students in the United States. Students from China and India alone accounted for 52 percent of international students. China was the leading place of origin of international students for the 10th consecutive year, reaching a high of 369,548 students. Although the total number of Indian students in the United States continued to grow, increasing by 3 percent in 2018/19, declines were seen among Indian graduate students — offset by large numbers of Indian students pursuing OPT in STEM fields. The number of students from South Asia, including Bangladesh and Pakistan, continued to increase in 2018/19, moving both countries up in the rankings to 20 and 22, respectively. From East Asia, South Korean and Japanese student numbers continued to decline, while numbers rose from several Southeast Asian countries.

U.S. study abroad to Asia has remained relatively stable over the past decade, with the proportion of students hovering just above 11 percent in 2017/18. The number of U.S. students studying abroad for academic credit from their home institution to China declined (-3 percent), causing China to descend from the sixth to the seventh leading destination. However, more than 3,300 U.S. students pursued a full degree in China.

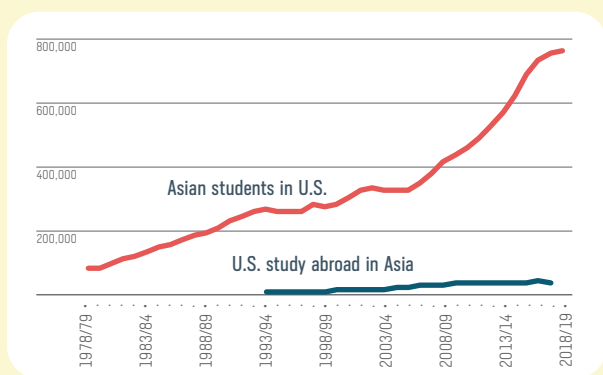
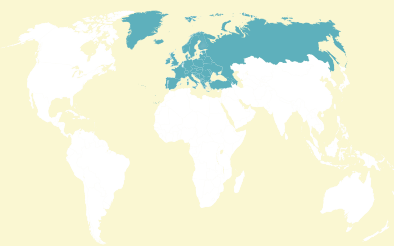


FIGURE 18 Student mobility between the United States and Asia, 1978/79–2018/19

U.S. study abroad to Japan and South Korea continued to increase in 2017/18 (+12 and +4 percent, respectively).

SPOTLIGHT: CHINA

China has experienced remarkable growth in the number of international students it hosts – increasing nearly 28 percent over the past five years. This growth is accompanied with the unique distinction of being the world’s largest “supplier” of international students while serving as the third largest host of international students (Bhandari, 2019). Despite the recent and rapid expansion of higher education in China, international students accounted for only one percent of the total higher education population in China (*Project Atlas*, 2019). The notable double-digit growth in international student numbers to China seen from 2016 to 2018 slowed this year, increasing by less than 1 percent. China’s position as a regional hub in Asia is evident by the large number of international students in China from South Korea, Thailand, Pakistan, and India. Students from these four countries comprised nearly 27 percent of all international students in China (*Project Atlas*, 2019).



Europe

Europe remained the second leading region for international students in the United States for the second year in a row despite a slight decrease in the proportion of students in 2018/19. Five countries — France, Germany, Spain, Turkey, and the United Kingdom — were among the top 25 places of origin for international students, well behind the top senders from Asia. Student numbers increased slightly from Italy (+6 percent) and Greece (+5 percent) while the number of students from Germany decreased (-9 percent).

Europe continues to attract the majority of U.S. students who study abroad for academic credit back home, as reported by U.S. campus respondents to *Open Doors*. In the 2017/18 academic year, 187,534 U.S. students studied in Europe, accounting for 55 percent of all U.S. study

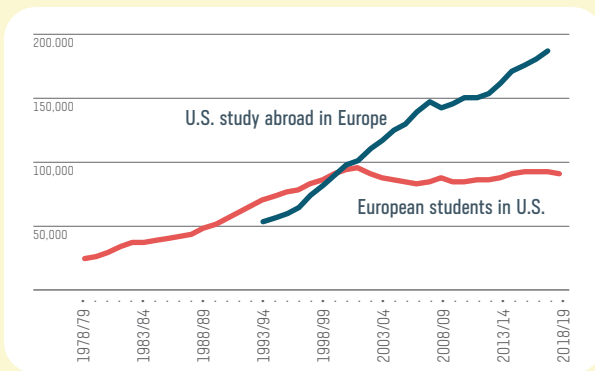


FIGURE 19 Student mobility between the United States and Europe, 1978/79–2018/19

abroad and reflecting a 4 percent increase from the prior year. The United Kingdom, Italy, Spain, France, and Germany were the leading five destinations of U.S. students worldwide in 2017/18, with Ireland, Czech Republic, Greece, Denmark, Netherlands, and Austria also among the top 25 hosts of U.S. students. For the second consecutive year, Greece saw double-digit growth, hosting an all-time high of 5,223 students this year. Europe also hosted the largest number of U.S. students pursuing full degrees abroad, with just under 30,000 reported by *Project Atlas* partners in the United Kingdom, France, Germany, and Spain.

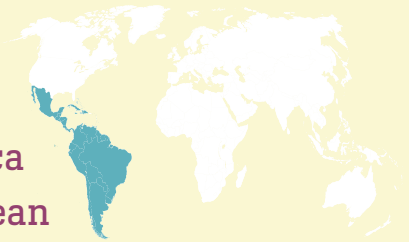
Europe is the leading host region for all globally mobile international students. IIE’s European *Project Atlas* partners report hosting more than 1.85 million international students (2019). Although the Erasmus+ Programme has encouraged intra-regional mobility within Europe, international students enrolled at higher education institutions in Europe come from across the globe with more than one third from within Europe (Eurostat, 2017).

SPOTLIGHT: UNITED KINGDOM

As the second largest global host, the United Kingdom continues to welcome international students in large numbers, reporting 496,570 international students during the 2017/18 academic year. Students from China accounted for 22 percent of the international students in the United Kingdom alongside a sizeable number of students from European Union countries, the largest portion of whom came from France, Germany, Italy, and Spain (*Project Atlas*, 2019). In addition, approximately 17,000 U.S. students pursued a full degree in

the United Kingdom. In March 2019, the UK government announced the *International Education Strategy: Global Potential, Global Growth*—a strategy that aims to increase the number of international higher education students hosted in the United Kingdom to 600,000 per year by 2030 (HM Government, 2019). The updated strategy recognizes both the expansion of the global international student market and the uncertainty that Brexit will bring to student mobility between the United Kingdom and European Union countries.

Latin America & the Caribbean



Student mobility from Latin America and the Caribbean to the United States grew slightly in 2018/19, driven by growth in the number of students from South America. The 80,962 students from Latin America and the Caribbean represented 7 percent of international students in the United States. In 2018/19, the number of Brazilian students in the United States increased for the second year in a row, up 10 percent, rebounding from the ending of Brazil’s major scholarship program for study abroad. Although smaller in absolute numbers, gains were also seen in the number of students coming to the United States from Chile (+7 percent), Argentina (+5 percent), Peru (+5 percent), and Honduras (+4 percent).

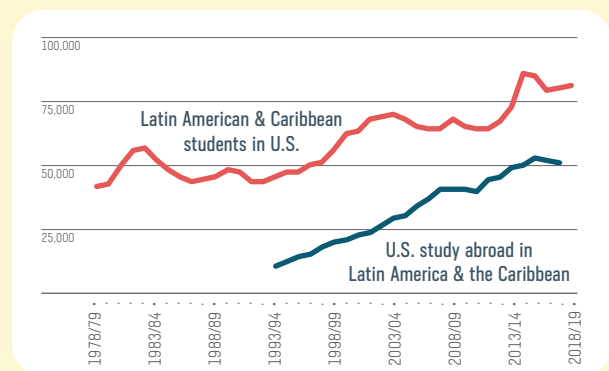


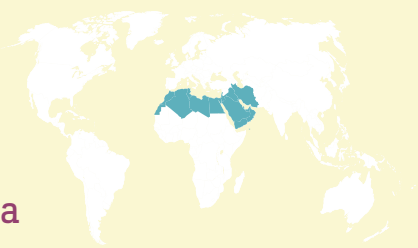
FIGURE 20 Student mobility between Latin America & the Caribbean and the United States, 1978/79–2018/19

Although Latin America and the Caribbean remains a popular region for U.S. students receiving academic credit for study abroad, in 2017/18, the numbers of U.S. students going to the region declined by 1 percent. The two leading destinations in Latin American and the Caribbean, Costa Rica and Mexico, both increased by 4 percent. Gains in Ecuador (+1 percent) and Peru (+7 percent) resulted in each country moving up two more spots among the top 25 destinations. These gains were offset by a 47 percent decline in U.S. students going to Cuba, precipitated by travel restrictions limiting opportunities to study in the country.

The region continues to lead as a destination for U.S. students seeking a non-credit work, internship, volunteering, or research experience, with 35 percent of these students pursuing non-credit education in the region, most notably in Mexico, Dominican Republic, and Nicaragua (Table 2.15).

SPOTLIGHT: INTRA-REGIONAL MOBILITY

Latin America and the Caribbean remain somewhat isolated from the larger movement of global mobility flows between Asia, Europe, and North America likely due to the ease of studying in Spanish within the region. Of the 182,000 international students who studied in Latin America and the Caribbean in 2017, nearly 75 percent (134,350) came from another country in the region (UNESCO, 2019). The largest host of international students in the region is Argentina, hosting more than 88,000 students, roughly 80,000 of whom are from countries within Latin America and the Caribbean. In contrast, Mexico, the second largest host of international students in the region, hosts a more diverse mix of students with a quarter coming from the United States, another quarter from Europe, and the remainder divided between Asia and Latin America and the Caribbean (*Project Atlas*, 2019). Similar to Argentina, the third and fourth largest hosts, Brazil and the Dominican Republic, host a majority of students from within the Latin American and Caribbean region. Students from Peru, Bolivia, Colombia, Brazil, and Paraguay account for roughly half of the internationally mobile students studying within the region with each country sending more than 10,000 students to a neighboring country.



Middle East & North Africa

The Middle East and North Africa (MENA) region accounts for 7 percent of the international students in the United States. Continuing a decline that started in 2015/16, international student enrollment from the MENA region fell 11 percent, leaving MENA as the third largest regional sender to the United States after Asia and Europe. Saudi Arabia, Iran, and Kuwait together comprise 72 percent of international students to the United States from the MENA region. As a result, any fluctuation in student enrollments from these countries has an impact on overall regional numbers.

The number of students from Saudi Arabia in the United States has fluctuated over the past decade. In 2015/16 the number of students from Saudi Arabia reached a peak of 61,287 as large numbers of students received scholarships from the Saudi government to sponsor their U.S. studies. In 2018/19, the number of students from Saudi Arabia declined by 17 percent to 37,080, due to a narrowing of scholarship eligibility requirements. As the leading source of students from the region, the drop in Saudi students led to an overall decline of 11 percent in students from the Middle East.

U.S. study abroad to MENA has been low historically, accounting for only 2 percent of all study abroad

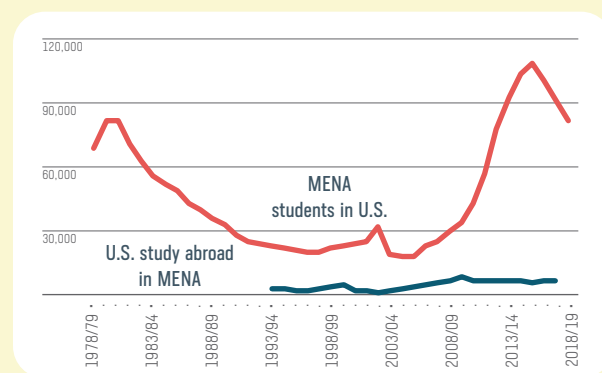


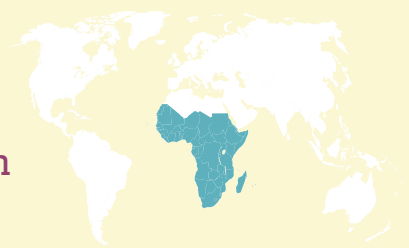
FIGURE 21 Student mobility between the United States and the Middle East & North Africa, 1978/79–2018/19

in 2017/18. Israel remains the region’s top destination of U.S. students, increasing 12 percent in 2017/18 to host more than 3,000 students.

SPOTLIGHT: INTRA-REGIONAL MOBILITY

The challenging landscape of the MENA region translates to greater complexity in mobility patterns of students from this region. Saudi Arabia holds the distinction as both the top sender of international students globally from the MENA region (sending more than 84,000 students abroad in 2017) as well as top host to international students in the region (hosting nearly 74,000 international students in 2017) (UNESCO, 2019). Although the largest number of students in Saudi Arabia are from the neighboring countries of Yemen, Syria, Egypt, and Jordan, Saudi Arabia sends 65 percent of its students to the United States, followed by smaller numbers to the United Kingdom, Canada, and Australia. In contrast, Egypt, the third largest host in the MENA region, attracts the largest number of international students from outside of the MENA region - Malaysia, Indonesia, Thailand, Nigeria, and Turkey. Nearly one-third of all students from Egypt who study abroad stay within the region and are hosted by the United Arab Emirates (UAE) or Saudi Arabia.

The UAE has become known as an education hub in the Middle East —supporting transnational education opportunities and hosting international branch campuses in order to expand higher education offerings and establish connections abroad (Knight, 2018). Although smaller in size than the leading host countries of international students, the UAE has increased recruitment of and welcomes international students, many of whom enroll in a full degree program. As a result, more than one third of all enrolled tertiary students in the UAE are from outside of the emirates (UNESCO, 2019). Combined Saudi Arabia, UAE, and Egypt, the three largest hosts in the MENA region, host just under 4 percent of globally mobile students.



Sub-Saharan Africa

More than 40,000 students from Sub-Saharan Africa enrolled in U.S. higher education institutions in 2018/19, increasing 2 percent from the prior year. The number of students from Nigeria — the only Sub-Saharan African country among the top 25 places of origin — continued to grow by 6 percent in 2018/19. Ghana surpassed and Kenya to become the second largest sender from the region, though both saw growth in the number of students enrolled at U.S. higher education institutions of 14 and 4 percent, respectively.

U.S. students in Sub-Saharan Africa increased by 7 percent to reach an all-time high of 14,416 in 2017/18. Although growth was evident in much of the region, U.S. study abroad to Ghana and Tanzania grew especially strong, up 19 and 14 percent, respectively, while South Africa continued to host the largest absolute numbers of U.S. students.

France has traditionally hosted the largest number of students from Sub-Saharan Africa. However, recent scholarship opportunities offered through the Forum on China-Africa Cooperation to African students has resulted in a rapid rise in the number of African students in China, from fewer than 2,000 students in 2003 to 50,000 in 2015 (Mohamedbhai, 2020).

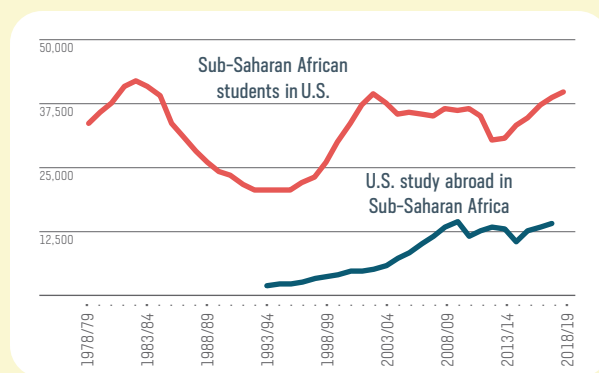


FIGURE 22 Student mobility between the United States and Sub-Saharan Africa, 1978/79–2018/19

REGIONAL SPOTLIGHT: NIGERIA

Sub-Saharan Africa is poised to become a growing area for future international student recruitment. According to the United Nations (2019), the countries of Sub-Saharan Africa will be responsible for the addition of 1 billion people or half of the world's population growth between 2019 and 2050. With the rapid population increase in Nigeria, it has slowly emerged as a leading sender, appearing among the top 15 places of origin for international students in the United States, United Kingdom, and Canada (*Project Atlas*, 2019). South Africa remains the top regional host for students from Sub-Saharan Africa.



Canada remains the fifth leading sender of international students to the United States, with 26,122 students in 2018/19. For U.S. students in Canada, most enroll in full degree programs, numbering at more than 13,000 U.S. students (*Project Atlas*, 2019). However, U.S. students receiving academic credit from their U.S. home campus for study abroad to Canada increased 9 percent to 1,786, with an additional 2,253 U.S. students travelling to Canada for a non-credit work, internship, volunteering, or research experience.

Australia and New Zealand continue to hold spots among the top 25 leading destinations for U.S. study abroad for credit back home, accounting for 10,332 and 3,885, respectively, with the number in New Zealand increasing by 3 percent while numbers to Australia declined slightly. Additionally, 5,280 U.S. students pursued a full-degree in Australia or New Zealand (*Project Atlas*, 2019). The scale of mobility in the reverse direction is much smaller, with the United States hosting 7,542 students from Oceania in 2018/19, 90 percent of whom were from Australia or New Zealand.

Anglophone countries in North America and Oceania are among the top hosts of international students worldwide. The appeal of expansive program options, state-

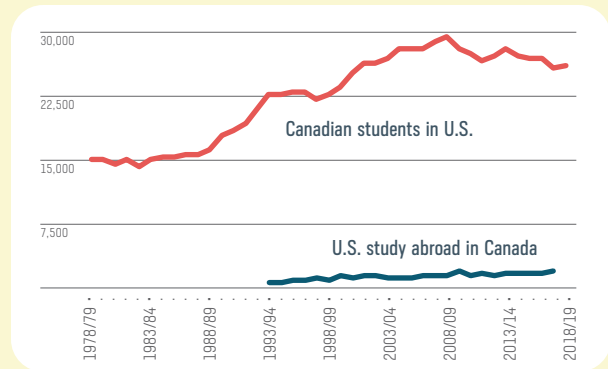


FIGURE 23 Student mobility between the United States and Canada, 1978/79–2018/19

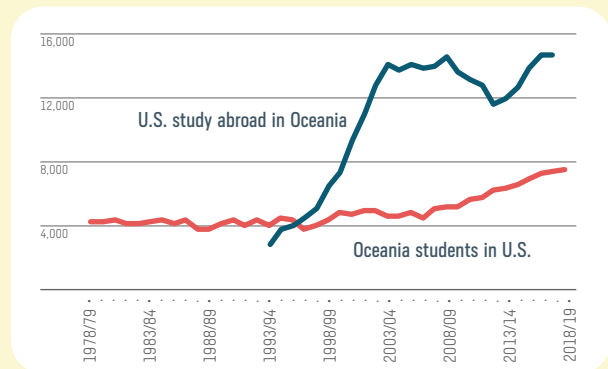


FIGURE 24 Student mobility between the United States and Oceania, 1978/79–2018/19

of-the-art education facilities, and practical training are reasons the United States, Canada, Australia, and New Zealand — together — host approximately 38 percent of all globally mobile students (*Project Atlas*, 2019).

SPOTLIGHT: CANADA

Canada experienced tremendous growth with the number of international students enrolled in Canadian higher education institutions increasing 18 percent from the prior year, moving it up two spots to become the fourth leading host of international students worldwide (*Project Atlas*, 2019). This growth is driven by the number of students from India enrolled at Canadian institutions, which has more than doubled in the past two years. In 2018/19, the number of students from India surpassed those coming from China, making Canada the only country to host more international students from India than China. Students from these two countries combined comprise 58 percent of the international students in Canada.

International Students in the United States

INTERNATIONAL STUDENT TOTALS

- 1.1 International Student and U.S. Higher Education Enrollment, 1948/49–2018/19 31
 - 1.2 New International Student Enrollment, 2009/10–2018/19 33
-

ACADEMIC LEVELS AND STUDENT CHARACTERISTICS

- 1.3 International Students by Detailed Academic Level, 2017/18 & 2018/19 33
 - 1.4 International Students by Academic Level, 1979/80–2018/19 34
 - 1.5 Personal Characteristics of International Students, Selected Years, 1983/84–2018/19 35
 - 1.6 Number of International Students by Field of Study & Academic Level, 2017/18 & 2018/19 35
 - 1.7 Percent of International Students by Field of Study & Academic Level, 2018/19 37
 - 1.8 International Students' Fields of Study by Institutional Type, 2018/19 37
 - 1.9 International Students' Fields of Study for Selected Places of Origin, 2018/19 38
-

PLACES OF ORIGIN

- 1.10 International Students by World Region, 2017/18 & 2018/19 39
 - 1.11 Top 25 Places of Origin of International Students, 2017/18 & 2018/19 39
 - 1.12 Top 25 Places of Origin of International Students by Academic Level, 2017/18 & 2018/19 40
 - 1.13 Leading Place of Origin of International Students, 1949/50–2018/19 40
 - 1.14 International Students by Place of Origin, 2017/18 & 2018/19 42
 - 1.15 International Students by Place of Origin & Academic Level, 2017/18 & 2018/19 45
-

U.S. DESTINATIONS

- 1.16 International Students by U.S. State and Region, 2009/10–2018/19 53
 - 1.17 International Students as a Share of Total Higher Education Enrollment, Top 20 States, 2018/19 54
 - 1.18 Top 5 Places of Origin for the Top 15 U.S. States Hosting International Students, 2018/19 55
 - 1.19 Top 50 Metropolitan Areas Hosting International Students, 2017/18 & 2018/19 56
 - 1.20 Top 20 Metropolitan Areas Hosting International Students, 2009/10–2018/19 57
 - 1.21 Top 10 Places of Origin for the Top 15 Metropolitan Areas Hosting International Students, 2018/19 58
-

INSTITUTIONAL CHARACTERISTICS

- 1.22 International Students by Academic Level, Sector, and Size of Institution, 2018/19 60
- 1.23 International Students by Institutional Type and Academic Level, 2018/19 60
- 1.24 International Students by Institutional Type, 2017/18 & 2018/19 61
- 1.25 Top 25 Places of Origin of International Students by Institutional Type, 2018/19 62

[cont'd]

ECONOMIC CONTRIBUTIONS

- 1.26 Higher Education Receipts for Selected Places of Origin, 2010–2018 63
- 1.27 Financial Contributions of International Students to U.S. States & Territories, 2018/19 63
- 1.28 International Students' Primary Source of Funding by Academic Level, 2018/19 64
- 1.29 International Students' Primary Source of Funding by Institutional Type, 2018/19 64

INSTITUTIONAL RANKINGS

- 1.30 Top 25 Institutions Hosting International Students, 2017/18 & 2018/19 65
- 1.31 Institutions Hosting 1,000 or More International Students, Ranked by International Student Total, 2018/19 65
- 1.32 Top 40 Doctorate-Granting Universities Enrolling International Students, 2018/19 71
- 1.33 Top 40 Master's Colleges & Universities Enrolling International Students, 2018/19 72
- 1.34 Top 40 Baccalaureate Colleges Enrolling International Students, 2018/19 73
- 1.35 Top 40 Associate's Colleges Enrolling International Students, 2018/19 74
- 1.36 Top 40 Special Focus Institutions Enrolling International Students, 2018/19 75

1.1 INTERNATIONAL STUDENT AND U.S. HIGHER EDUCATION ENROLLMENT, 1948/49–2018/19

	Enrolled int'l students	Optional Practical Training (OPT)	Total int'l students	% annual change	Total U.S. enrollment*	% int'l
1948/49	—	—	25,464	—	2,403,400	1.1
1949/50	—	—	26,433	3.8	2,445,000	1.1
1950/51	—	—	29,813	12.8	2,281,000	1.3
1951/52	—	—	30,462	2.2	2,102,000	1.4
1952/53	—	—	33,675	10.5	2,134,000	1.6
1953/54	—	—	33,833	0.5	2,231,000	1.5
1954/55	—	—	34,232	1.2	2,447,000	1.4
1955/56	—	—	36,494	6.6	2,653,000	1.4
1956/57	—	—	40,666	11.4	2,918,000	1.4
1957/58	—	—	43,391	6.7	3,324,000	1.3
1958/59	—	—	47,245	8.9	no data	—
1959/60	—	—	48,486	2.6	3,640,000	1.3
1960/61	—	—	53,107	9.5	no data	—
1961/62	—	—	58,086	9.4	4,146,000	1.4
1962/63	—	—	64,705	11.4	no data	—
1963/64	—	—	74,814	15.6	4,780,000	1.6
1964/65	—	—	82,045	9.7	5,280,000	1.6
1965/66	—	—	82,709	0.8	5,921,000	1.4
1966/67	—	—	100,262	21.2	6,390,000	1.6
1967/68	—	—	110,315	10.0	6,912,000	1.6
1968/69	—	—	121,362	10.0	7,513,000	1.6
1969/70	—	—	134,959	11.2	8,005,000	1.7
1970/71	—	—	144,708	7.2	8,581,000	1.7
1971/72	—	—	140,126	-3.2	8,949,000	1.6
1972/73	—	—	146,097	4.3	9,215,000	1.6
1973/74	—	—	151,066	3.4	9,602,000	1.6
1974/75**	—	—	154,580	2.3	10,224,000	1.5
1975/76	—	—	179,344	16.0	11,185,000	1.6
1976/77	—	—	203,068	13.2	11,012,000	1.8
1977/78	—	—	235,509	16.0	11,286,000	2.1
1978/79	—	—	263,938	12.1	11,260,000	2.3
1979/80***	283,503	2,840	286,343	8.5	11,570,000	2.5
1980/81	308,432	3,450	311,882	8.9	12,097,000	2.6
1981/82	323,419	2,880	326,299	4.6	12,372,000	2.6
1982/83	333,365	3,620	336,985	3.3	12,426,000	2.7
1983/84	335,494	3,400	338,894	0.6	12,465,000	2.7
1984/85	337,803	4,310	342,113	0.9	12,242,000	2.8
1985/86	339,627	4,150	343,777	0.5	12,247,000	2.8
1986/87	344,879	4,730	349,609	1.7	12,504,000	2.8
1987/88	351,387	4,800	356,187	1.9	12,767,000	2.8
1988/89	359,334	7,020	366,354	2.9	13,055,000	2.8
1989/90	379,139	7,712	386,851	5.6	13,539,000	2.9

(cont'd)

1.1 INTERNATIONAL STUDENT AND U.S. HIGHER EDUCATION ENROLLMENT, 1948/49–2018/19 (cont'd)

	Enrolled int'l students	Optional Practical Training (OPT)	Total int'l students	% annual change	Total U.S. enrollment*	% int'l
1990/91	398,759	8,770	407,529	5.3	13,819,000	2.9
1991/92	411,355	8,230	419,585	3.0	14,359,000	2.9
1992/93	427,608	11,010	438,618	4.5	14,487,000	3.0
1993/94	438,319	11,430	449,749	2.5	14,305,000	3.1
1994/95	439,427	13,208	452,635	0.6	14,279,000	3.2
1995/96	438,337	15,450	453,787	0.3	14,262,000	3.2
1996/97	439,859	18,125	457,984	0.9	14,368,000	3.2
1997/98	464,698	16,582	481,280	5.1	14,502,000	3.3
1998/99	474,091	16,842	490,933	2.0	14,507,000	3.4
1999/00	489,866	24,857	514,723	4.8	14,791,000	3.5
2000/01	526,809	21,058	547,867	6.4	15,312,000	3.6
2001/02	560,251	22,745	582,996	6.4	15,928,000	3.7
2002/03	558,530	27,793	586,323	0.6	16,612,000	3.5
2003/04	543,169	29,340	572,509	-2.4	16,911,000	3.4
2004/05	532,040	32,999	565,039	-1.3	17,272,000	3.3
2005/06	526,670	38,096	564,766	-0.05	17,487,000	3.2
2006/07	541,324	41,660	582,984	3.2	17,672,000	3.3
2007/08	567,039	56,766	623,805	7.0	18,248,000	3.4
2008/09	605,015	66,601	671,616	7.7	19,103,000	3.5
2009/10	623,119	67,804	690,923	2.9	20,428,000	3.4
2010/11	647,246	76,031	723,277	4.7	20,550,000	3.5
2011/12	679,338	85,157	764,495	5.7	20,625,000	3.7
2012/13	724,725	94,919	819,644	7.2	21,253,000	3.9
2013/14	780,055	105,997	886,052	8.1	21,216,000	4.2
2014/15	854,639	120,287	974,926	10.0	20,300,000	4.8
2015/16	896,341	147,498	1,043,839	7.1	20,264,000	5.2
2016/17	903,127	175,695	1,078,822	3.4	20,185,000	5.3
2017/18	891,330	203,462	1,094,792	1.5	19,831,000	5.5
2018/19	872,214	223,085	1,095,299	0.05	19,828,000	5.5

* Data from the National Center for Education Statistics (NCES).

** The data collection process was changed in 1974/75. Refugees were counted from 1975/76 to 1990/91.

*** OPT was first reported separately for the 1979/80 academic year.

1.2 NEW INTERNATIONAL STUDENT ENROLLMENT, 2009/10–2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
Undergraduate	79,365	84,543	90,903	102,069	109,486	112,765	119,262	115,841	108,539	106,881	-1.5
Graduate	84,613	89,505	92,211	100,129	108,519	121,637	126,516	124,888	117,960	119,828	1.6
Non-degree	38,992	40,442	45,353	48,722	52,123	59,364	54,965	50,107	45,239	42,674	-5.7
TOTAL	202,970	214,490	228,467	250,920	270,128	293,766	300,743	290,836	271,738	269,383	-0.9

1.3 INTERNATIONAL STUDENTS BY DETAILED ACADEMIC LEVEL, 2017/18 & 2018/19

	2017/18		2018/19		% change
	N	%	N	%	
TOTAL UNDERGRADUATE	442,746	40.4	431,930	39.4	-2.4
Associate's	78,819	7.2	70,286	6.4	-10.8
Bachelor's	363,927	33.2	361,644	33.0	-0.6
Freshman	72,512	6.6	70,147	6.4	-3.3
Sophomore	68,905	6.3	65,814	6.0	-4.5
Junior	75,114	6.9	75,944	6.9	1.1
Senior	92,802	8.5	95,490	8.7	2.9
Bachelor's, unspecified	54,594	5.0	54,249	5.0	-0.6
TOTAL GRADUATE	382,953	35.0	377,943	34.5	-1.3
Master's	225,883	20.6	220,622	20.1	-2.3
Doctoral	123,500	11.3	132,581	12.1	7.4
Professional	13,020	1.2	12,132	1.1	-6.8
Graduate, unspecified	20,550	1.9	12,608	1.2	-38.6
TOTAL NON-DEGREE	65,631	6.0	62,341	5.7	-5.0
Non-degree, Intensive English	24,651	2.3	22,126	2.0	-10.2
Non-degree, other	40,980	3.7	40,215	3.7	-1.9
TOTAL ENROLLED STUDENTS	891,330	81.4	872,214	79.6	-2.1
Optional Practical Training (OPT)	203,462	18.6	223,085	20.4	9.6
TOTAL INTERNATIONAL STUDENTS	1,094,792	100.0	1,095,299	100.0	0.05

Note: Percent distributions may not sum to 100.0 because of rounding.

1.4 INTERNATIONAL STUDENTS BY ACADEMIC LEVEL, 1979/80–2018/19

	TOTAL	Undergraduate		Graduate		Non-degree		Optional Practical Training	
		N	%	N	%	N	%	N	%
1979/80	286,343	172,520	60.2	94,130	32.9	16,850	5.9	2,840	1.0
1980/81	311,882	186,660	59.8	99,110	31.8	21,660	6.9	3,450	1.1
1981/82	326,299	195,150	59.8	106,290	32.6	21,980	6.7	2,880	0.9
1982/83	336,985	202,760	60.2	110,270	32.7	20,340	6.0	3,620	1.1
1983/84	338,894	197,480	58.3	118,820	35.1	19,190	5.7	3,400	1.0
1984/85	342,113	197,640	57.8	122,590	35.8	17,570	5.1	4,310	1.3
1985/86	343,777	187,660	54.6	132,430	38.5	19,540	5.7	4,150	1.2
1986/87	349,609	181,230	51.8	146,100	41.8	17,550	5.0	4,730	1.4
1987/88	356,187	176,669	49.6	156,366	43.9	18,352	5.2	4,800	1.3
1988/89	366,354	172,551	47.1	165,590	45.2	21,189	5.8	7,020	1.9
1989/90	386,851	184,527	47.7	169,827	43.9	24,785	6.4	7,712	2.0
1990/91	407,529	189,900	46.6	182,130	44.7	26,730	6.6	8,770	2.2
1991/92	419,585	197,070	47.0	191,330	45.6	22,960	5.5	8,230	2.0
1992/93	438,618	210,080	47.9	193,330	44.1	24,200	5.5	11,010	2.5
1993/94	449,749	213,610	47.5	201,030	44.7	23,680	5.3	11,430	2.5
1994/95	452,635	221,500	48.9	191,738	42.4	26,188	5.8	13,209	2.9
1995/96	453,787	218,620	48.2	190,092	41.9	29,625	6.5	15,450	3.4
1996/97	457,984	218,743	47.8	190,244	41.5	30,872	6.7	18,125	4.0
1997/98	481,280	223,276	46.4	207,510	43.1	33,912	7.0	16,582	3.4
1998/99	490,933	235,802	48.0	211,426	43.1	26,863	5.5	16,842	3.4
1999/00	514,723	237,211	46.1	218,219	42.4	34,436	6.7	24,857	4.8
2000/01	547,867	254,429	46.4	238,497	43.5	33,883	6.2	21,058	3.8
2001/02	582,996	261,079	44.8	264,749	45.4	34,423	5.9	22,745	3.9
2002/03	586,323	260,103	44.4	267,876	45.7	30,551	5.2	27,793	4.7
2003/04	572,509	248,200	43.4	274,310	47.9	20,659	3.6	29,340	5.1
2004/05	565,039	239,212	42.3	264,410	46.8	28,418	5.0	32,999	5.8
2005/06	564,766	236,342	41.8	259,717	46.0	30,611	5.4	38,096	6.7
2006/07	582,984	238,050	40.8	264,288	45.3	38,986	6.7	41,660	7.1
2007/08	623,805	243,360	39.0	276,842	44.4	46,837	7.5	56,766	9.1
2008/09	671,616	269,874	40.2	283,329	42.2	51,812	7.7	66,601	9.9
2009/10	690,923	274,431	39.7	293,885	42.5	54,803	7.9	67,804	9.8
2010/11	723,277	291,439	40.3	296,574	41.0	59,233	8.2	76,031	10.5
2011/12	764,495	309,342	40.5	300,430	39.3	69,566	9.1	85,157	11.1
2012/13	819,644	339,993	41.5	311,204	38.0	73,528	9.0	94,919	11.6
2013/14	886,052	370,724	41.7	329,854	37.3	79,477	8.9	105,997	12.0
2014/15	974,926	398,824	40.9	362,228	37.2	93,587	9.6	120,287	12.3
2015/16	1,043,839	427,313	40.9	383,935	36.8	85,093	8.2	147,498	14.1
2016/17	1,078,822	439,019	40.7	391,124	36.3	72,984	6.8	175,695	16.3
2017/18	1,094,792	442,746	40.4	382,953	35.0	65,631	6.0	203,462	18.6
2018/19	1,095,299	431,930	39.4	377,943	34.5	62,341	5.7	223,085	20.4

Note: Percent distributions may not sum to 100.0 because of rounding.

1.5 PERSONAL CHARACTERISTICS OF INTERNATIONAL STUDENTS, SELECTED YEARS, 1983/84–2018/19

	TOTAL	Academic level (%)				Gender (%)		Marital status (%)		Visa (%)		
		Undergraduate	Graduate	Non-degree	OPT	Female	Male	Single	Married	F visa	J visa	Other
1983/84	338,894	58.3	35.1	5.7	1.0	29.4	70.6	80.1	19.9	83.2	8.2	8.6
1988/89	366,354	47.1	45.2	5.8	1.9	33.5	66.5	80.9	19.1	79.0	12.5	8.5
1993/94	449,749	47.5	44.7	5.3	2.5	37.9	62.1	83.1	16.9	86.4	7.7	5.9
1998/99	490,933	48.0	43.1	5.5	3.4	42.0	58.0	85.2	14.8	87.3	6.3	6.4
2003/04	572,509	43.4	47.9	3.6	5.1	44.2	55.8	85.3	14.7	85.7	5.1	9.2
2008/09	671,616	40.2	42.2	7.7	9.9	45.3	54.7	88.1	11.9	87.7	5.9	6.4
2013/14	886,052	41.7	37.3	8.9	12.0	44.1	55.9	91.0	9.0	90.8	5.6	3.6
2018/19	1,095,299	39.4	34.5	5.7	20.4	43.9	56.1	91.5	8.5	93.0	4.1	3.0

Note: Percent distributions may not sum to 100.0 because of rounding.

1.6 NUMBER OF INTERNATIONAL STUDENTS BY FIELD OF STUDY & ACADEMIC LEVEL, 2017/18 & 2018/19

	2017/18 total	2018/19 total	% change	Academic level (2018/19)			
				Undergraduate	Graduate	Non-degree	OPT
Agriculture	12,473	13,754	10.3	4,338	6,609	283	2,524
Agriculture	7,745	8,538	10.2	2,587	4,355	171	1,425
Natural resources and conservation	4,728	5,216	10.3	1,751	2,254	112	1,099
Business and management	196,054	182,170	-7.1	94,129	52,469	6,487	29,085
Communications and journalism	22,824	24,017	5.2	13,577	5,423	638	4,379
Communication, journalism	19,804	19,797	0.0	11,068	4,731	577	3,421
Communications technologies/technicians	3,020	4,220	39.7	2,509	692	61	958
Education	17,615	16,786	-4.7	3,811	10,125	716	2,134
Engineering	232,710	230,780	-0.8	65,521	95,106	3,140	67,013
Engineering	215,290	214,331	-0.4	58,276	91,115	2,930	62,010
Engineering technologies/technicians	14,010	13,275	-5.2	4,618	3,740	129	4,788
Transportation and materials moving	2,496	2,085	-16.5	1,825	118	5	137
Mechanic and repair technologies/technicians	567	605	6.7	539	0	39	27
Construction trades	186	313	68.3	187	82	27	17
Military technologies	73	89	21.9	22	41	0	26
Precision production	88	82	-6.8	54	10	10	8
Fine and applied arts	63,795	63,097	-1.1	31,547	18,892	2,099	10,559
Visual and performing arts	48,543	48,407	-0.3	26,342	12,876	1,895	7,294
Architecture	15,252	14,690	-3.7	5,205	6,016	204	3,265
Health professions	35,169	35,446	0.8	11,539	16,856	1,508	5,543
Health professions	34,858	35,269	1.2	11,538	16,738	1,470	5,523
Residency programs	311	177	-43.1	1	118	38	20

(cont'd)

1.6 NUMBER OF INTERNATIONAL STUDENTS BY FIELD OF STUDY & ACADEMIC LEVEL, 2017/18 & 2018/19 (cont'd)

	2017/18 total	2018/19 total	% change	Academic level (2018/19)			
				Undergraduate	Graduate	Non-degree	OPT
Humanities	17,040	17,013	-0.2	5,317	9,242	1,141	1,313
Foreign languages, literatures, and linguistics	7,508	7,357	-2.0	1,754	4,706	244	653
English language and literature/letters	4,994	4,916	-1.6	2,176	1,700	686	354
Philosophy and religious studies	2,608	2,673	2.5	1,145	1,264	75	189
Theology and religious vocations	1,930	2,067	7.1	242	1,572	136	117
Intensive English	25,845	22,026	-14.8	848	18	21,128	32
Legal studies and law enforcement	16,894	16,483	-2.4	2,239	9,318	570	4,356
Legal professions and studies	14,647	14,161	-3.3	544	8,878	499	4,240
Homeland security, law enforcement, and firefighting	2,247	2,322	3.3	1,695	440	71	116
Math and computer science	186,003	203,461	9.4	55,435	79,365	2,580	66,081
Computer and information sciences	144,574	156,654	8.4	36,906	61,592	2,249	55,907
Mathematics and statistics	41,429	46,807	13.0	18,529	17,773	331	10,174
Physical and life sciences	78,700	81,580	3.7	28,178	38,171	1,023	14,208
Biological and biomedical sciences	42,996	45,338	5.4	17,627	18,609	587	8,515
Physical sciences	35,018	35,349	0.9	9,725	19,539	426	5,659
Science technologies/technicians	686	893	30.2	826	23	10	34
Social sciences	83,708	84,320	0.7	43,667	28,041	1,981	10,631
Social sciences	54,566	54,651	0.2	30,083	16,134	1,269	7,165
Psychology	15,462	16,139	4.4	10,268	3,955	226	1,690
Public administration and social service professions	8,368	8,248	-1.4	1,316	5,426	162	1,344
Area, ethnic, cultural, and gender studies	2,827	2,697	-4.6	944	1,290	194	269
History	2,485	2,585	4.0	1,056	1,236	130	163
Other fields of study	88,720	86,057	-3.0	57,569	8,039	15,319	5,130
Liberal arts and sciences/general studies	52,976	51,270	-3.2	39,553	697	9,988	1,032
Multi/interdisciplinary studies	22,378	21,052	-5.9	10,698	4,815	2,634	2,905
Parks, recreation, leisure, and fitness studies	5,404	6,008	11.2	4,012	1,253	238	505
Family and consumer sciences/human sciences	3,793	3,951	4.2	2,192	964	281	514
Basic skills	3,058	2,790	-8.8	504	41	2,146	99
Personal and culinary services	822	671	-18.4	559	35	31	46
Library science	282	307	8.9	48	231	1	27
Reserve Officer Training Corps	7	8	14.3	3	3	0	2
Undeclared	17,242	18,309	6.2	14,215	269	3,728	97
TOTAL	1,094,792	1,095,299	0.05	431,930	377,943	62,341	223,085

1.7 PERCENT OF INTERNATIONAL STUDENTS BY FIELD OF STUDY & ACADEMIC LEVEL, 2018/19

	All academic levels	Academic level (%)			
		Undergraduate	Graduate	Non-degree	OPT
Science, technology, engineering, and math	51.6	38.2	62.5	13.7	69.6
<i>Engineering</i>	21.1	15.2	25.2	5.0	30.0
<i>Math and computer science</i>	18.6	12.8	21.0	4.1	29.6
<i>Physical and life sciences</i>	7.4	6.5	10.1	1.6	6.4
<i>Health professions</i>	3.2	2.7	4.5	2.4	2.5
<i>Agriculture</i>	1.3	1.0	1.7	0.5	1.1
Business and management	16.6	21.8	13.9	10.4	13.0
Social sciences	7.7	10.1	7.4	3.2	4.8
Fine and applied arts	5.8	7.3	5.0	3.4	4.7
Communications and journalism	2.2	3.1	1.4	1.0	2.0
Intensive English	2.0	0.2	0.0	33.9	0.0
Humanities	1.6	1.2	2.4	1.8	0.6
Education	1.5	0.9	2.7	1.1	1.0
Legal studies and law enforcement	1.5	0.5	2.5	0.9	2.0
Other fields of study	7.9	13.3	2.1	24.6	2.3
Undeclared	1.7	3.3	0.1	6.0	0.0

Read table as: "15.2 percent of all international undergraduate students were enrolled in engineering."

Note: Percent distribution may not total 100.0 due to rounding.

1.8 INTERNATIONAL STUDENTS' FIELDS OF STUDY BY INSTITUTIONAL TYPE*, 2018/19

	Doctorate universities (%)	Master's colleges & universities (%)	Baccalaureate colleges (%)	Associate's colleges (%)	Special focus institutions (%)
Agriculture	1.5	0.5	0.9	0.4	1.2
Business and management	15.4	25.2	15.2	22.8	9.7
Communications and journalism	1.9	3.1	1.9	2.1	8.0
Education	1.6	1.9	1.6	1.3	0.2
Engineering	24.2	14.9	5.1	6.8	3.1
Fine and applied arts	4.4	5.5	3.9	5.0	47.2
Health professions	3.0	3.2	1.9	4.5	10.7
Humanities	1.6	1.4	3.5	1.1	1.9
Intensive English	1.6	1.9	1.2	5.8	0.1
Legal studies and law enforcement	1.7	0.9	0.7	0.7	0.3
Math and computer science	18.4	26.0	12.5	9.6	4.3
Physical and life sciences	8.3	3.6	8.3	5.3	8.6
Social sciences	8.7	4.5	15.8	3.8	1.4
Other fields of study	6.4	6.2	14.6	28.8	2.1
Undeclared	1.3	1.2	12.9	2.0	1.2
TOTAL INTERNATIONAL STUDENTS	791,777	147,090	35,614	86,351	34,467

Read table as: "Of the 791,777 international students enrolled at doctorate institutions, 24.2 percent pursued engineering as their major field of study."

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*.

For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.9 INTERNATIONAL STUDENTS' FIELDS OF STUDY FOR SELECTED PLACES OF ORIGIN, 2018/19

	TOTAL STUDENTS	% of students											
		Business/ management	Education	Engineering*	Fine/ applied arts	Health professions*	Humanities	Intensive English	Math/computer science*	Physical/life sciences*	Social sciences	Other fields of study	Undeclared
Bangladesh	8,249	7.8	0.8	40.4	1.8	3.4	1.0	0.1	17.7	15.3	5.9	5.0	0.9
Brazil	16,059	23.3	1.8	12.6	7.8	2.8	3.0	4.2	5.4	8.8	9.1	19.3	2.1
Canada	26,122	16.3	2.8	8.9	9.2	14.0	3.4	0.0	5.3	9.8	10.8	16.4	3.2
China	369,548	18.9	1.7	18.0	6.5	1.4	1.0	1.7	19.9	8.4	9.1	11.0	2.3
Colombia	8,060	19.3	2.8	14.2	10.6	2.3	3.9	4.5	5.6	10.0	10.1	15.3	1.3
France	8,716	22.6	0.8	13.9	6.2	1.3	5.5	0.9	6.4	5.7	10.6	22.1	4.0
Germany	9,191	26.1	1.2	9.4	4.1	1.7	5.0	0.4	5.1	7.4	12.8	22.1	4.7
India	202,014	10.3	0.4	34.2	1.9	3.2	0.4	0.1	37.0	5.6	2.4	3.7	0.7
Indonesia	8,356	27.4	2.4	16.7	6.6	1.5	1.6	1.0	10.0	6.5	8.7	14.9	2.6
Iran	12,142	4.6	1.9	52.1	4.4	2.4	1.1	0.2	13.5	12.4	3.9	3.3	0.3
Japan	18,105	17.9	2.3	4.8	7.3	2.7	3.6	13.5	4.7	4.6	11.5	22.7	4.4
Kuwait	9,195	12.3	0.6	63.8	1.5	1.6	0.8	6.1	1.4	3.7	3.6	3.8	0.9
Malaysia	7,709	17.3	1.4	25.8	5.0	2.4	1.1	0.4	10.7	12.5	11.1	9.3	3.2
Mexico	15,229	18.6	2.9	16.2	8.6	3.6	3.8	3.1	5.6	9.6	9.5	16.5	2.0
Nepal	13,229	11.3	0.6	19.0	1.9	5.4	0.6	0.1	28.5	20.7	4.4	6.2	1.2
Nigeria	13,423	13.4	1.9	21.5	2.7	13.7	2.1	0.2	11.3	13.4	6.9	12.0	0.9
Pakistan	7,957	17.6	1.7	24.6	2.2	2.9	1.9	0.8	16.7	8.0	10.5	9.7	3.5
Saudi Arabia	37,080	18.8	3.3	30.2	2.2	8.1	1.4	7.4	9.6	6.5	3.7	7.6	1.3
South Korea	52,250	14.0	2.6	13.5	12.6	5.0	3.2	2.2	10.8	7.8	11.6	14.0	2.7
Spain	7,262	24.4	1.7	14.6	5.3	2.1	8.6	0.9	4.7	6.8	8.7	18.6	3.5
Taiwan	23,369	19.1	2.2	17.4	10.2	3.8	1.7	2.6	13.4	9.5	6.2	11.8	2.2
Turkey	10,159	14.1	3.1	26.1	7.4	1.2	2.7	1.6	12.0	7.9	13.8	8.4	1.8
United Kingdom	11,146	18.1	2.6	4.7	7.6	3.3	5.8	0.1	4.7	8.1	15.5	23.5	6.0
Venezuela	7,760	25.3	1.2	18.2	8.6	3.4	2.2	6.2	5.3	4.8	6.1	17.4	1.2
Vietnam	24,392	28.5	1.0	10.9	5.3	4.6	1.6	3.1	14.2	9.6	5.1	13.2	2.9

* Science, Technology, Engineering, and Math (STEM) field
Note: Percent distributions may not sum to 100.0 because of rounding.

1.10 INTERNATIONAL STUDENTS BY WORLD REGION, 2017/18 & 2018/19

	2017/18		2018/19		% change
	N	%	N	%	
Asia	758,076	69.2	768,260	70.1	1.3
Europe	92,655	8.5	90,996	8.3	-1.8
Middle East & North Africa	91,375	8.3	81,126	7.4	-11.2
Latin America & Caribbean	79,920	7.3	80,962	7.4	1.3
Africa, Sub-Saharan	39,479	3.6	40,290	3.7	2.1
North America	25,909	2.4	26,122	2.4	0.8
Oceania	7,372	0.7	7,542	0.7	2.3
Stateless	6	0.0	1	0.0	*
WORLD TOTAL	1,094,792	100.0	1,095,299	100.0	0.05

*Percent change not calculated due to small totals for region.

Note: Percent distributions may not sum to 100.0 because of rounding.

1.11 TOP 25 PLACES OF ORIGIN OF INTERNATIONAL STUDENTS, 2017/18 & 2018/19

	2017/18	2018/19	% of total	% change
WORLD TOTAL	1,094,792	1,095,299	100.0	0.05
1 China	363,341	369,548	33.7	1.7
2 India	196,271	202,014	18.4	2.9
3 South Korea	54,555	52,250	4.8	-4.2
4 Saudi Arabia	44,432	37,080	3.4	-16.5
5 Canada	25,909	26,122	2.4	0.8
6 Vietnam	24,325	24,392	2.2	0.3
7 Taiwan	22,454	23,369	2.1	4.1
8 Japan	18,753	18,105	1.7	-3.5
9 Brazil	14,620	16,059	1.5	9.8
10 Mexico	15,468	15,229	1.4	-1.5
11 Nigeria	12,693	13,423	1.2	5.8
12 Nepal	13,270	13,229	1.2	-0.3
13 Iran	12,783	12,142	1.1	-5.0
14 United Kingdom	11,460	11,146	1.0	-2.7
15 Turkey	10,520	10,159	0.9	-3.4
16 Kuwait	10,190	9,195	0.8	-9.8
17 Germany	10,042	9,191	0.8	-8.5
18 France	8,802	8,716	0.8	-1.0
19 Indonesia	8,650	8,356	0.8	-3.4
20 Bangladesh	7,496	8,249	0.8	10.0
21 Colombia	7,976	8,060	0.7	1.1
22 Pakistan	7,537	7,957	0.7	5.6
23 Venezuela	8,371	7,760	0.7	-7.3
24 Malaysia	8,271	7,709	0.7	-6.8
25 Spain	7,489	7,262	0.7	-3.0

1.12 TOP 25 PLACES OF ORIGIN OF INTERNATIONAL STUDENTS BY ACADEMIC LEVEL, 2017/18 & 2018/19

UNDERGRADUATE				GRADUATE					
		2017/18	2018/19	% change		2017/18	2018/19	% change	
1	China	148,593	148,880	0.2	1	China	130,843	133,396	2.0
2	South Korea	27,638	25,161	-9.0	2	India	95,651	90,333	-5.6
3	India	23,346	24,813	6.3	3	South Korea	15,572	15,518	-0.3
4	Saudi Arabia	27,646	21,778	-21.2	4	Canada	9,517	9,471	-0.5
5	Vietnam	16,933	17,048	0.7	5	Saudi Arabia	11,022	9,418	-14.6
6	Canada	12,581	12,470	-0.9	6	Taiwan	9,236	9,348	1.2
7	Japan	9,190	9,001	-2.1	7	Iran	9,695	9,017	-7.0
8	Mexico	8,802	8,549	-2.9	8	Bangladesh	4,649	5,278	13.5
9	Brazil	7,359	7,768	5.6	9	Nigeria	4,762	5,274	10.8
10	Kuwait	7,871	7,480	-5.0	10	Brazil	4,208	4,732	12.5
11	Nepal	7,378	7,471	1.3	11	Turkey	4,760	4,409	-7.4
12	Taiwan	7,003	7,262	3.7	12	Nepal	4,537	4,037	-11.0
13	Nigeria	5,887	5,689	-3.4	13	Mexico	3,839	3,760	-2.1
14	United Kingdom	5,691	5,472	-3.8	14	Vietnam	3,703	3,714	0.3
15	Malaysia	5,817	5,104	-12.3	15	Colombia	2,875	2,948	2.5
16	Indonesia	5,183	4,852	-6.4	16	Japan	2,918	2,875	-1.5
17	Venezuela	5,322	4,833	-9.2	17	Pakistan	2,755	2,761	0.2
18	Hong Kong	4,435	4,098	-7.6	18	United Kingdom	2,614	2,618	0.2
19	Pakistan	3,429	3,505	2.2	19	Germany	2,574	2,480	-3.7
20	Turkey	3,474	3,440	-1.0	20	France	2,363	2,305	-2.5
21	Colombia	3,273	3,190	-2.5	21	Thailand	2,478	2,282	-7.9
22	Germany	3,294	3,094	-6.1	22	Italy	2,087	2,179	4.4
23	Spain	2,983	2,941	-1.4	23	Spain	2,055	1,946	-5.3
24	France	2,915	2,911	-0.1	24	Ghana	1,534	1,860	21.3
25	Thailand	2,859	2,718	-4.9	25	Sri Lanka	1,745	1,831	4.9

1.13 LEADING PLACE OF ORIGIN OF INTERNATIONAL STUDENTS, 1949/50–2018/19

		International students	% of total			International students	% of total			International students	% of total
1949/50	Canada	4,362	16.5	1961/62	Canada	6,571	11.3	1973/74	Hong Kong	10,764	7.1
1950/51	Canada	4,498	15.1	1962/63	Canada	7,004	10.8	1974/75	Iran	13,780	8.9
1951/52	Canada	4,232	13.9	1963/64	Canada	8,458	11.3	1975/76	Iran	19,900	11.1
1952/53	Canada	4,582	13.6	1964/65	Canada	9,253	11.3	1976/77	Iran	23,310	11.5
1953/54	Canada	4,775	14.1	1965/66	Canada	9,755	11.8	1977/78	Iran	36,220	15.4
1954/55	Canada	4,655	13.6	1966/67	Canada	12,117	12.1	1978/79	Iran	45,340	17.2
1955/56	Canada	4,990	13.7	1967/68	Canada	12,144	11.0	1979/80	Iran	51,310	17.9
1956/57	Canada	5,379	13.2	1968/69	Canada	12,852	10.6	1980/81	Iran	47,550	15.2
1957/58	Canada	5,271	12.1	1969/70	Canada	13,318	9.9	1981/82	Iran	35,860	11.0
1958/59	Canada	5,432	11.5	1970/71	Canada	12,595	8.7	1982/83	Iran	26,760	7.9
1959/60	Canada	5,679	11.7	1971/72	India	11,343	8.1	1983/84	Taiwan	21,960	6.5
1960/61	Canada	6,058	11.4	1972/73	India	10,656	7.3	1984/85	Taiwan	22,590	6.6

(cont'd)

NON-DEGREE				OPTIONAL PRACTICAL TRAINING					
		2017/18	2018/19	% change		2017/18	2018/19	% change	
1	China	18,225	17,235	-5.4	1	India	75,390	84,630	12.3
2	Japan	5,144	4,713	-8.4	2	China	65,680	70,037	6.6
3	Saudi Arabia	3,867	3,881	0.4	3	South Korea	7,714	8,074	4.7
4	South Korea	3,631	3,497	-3.7	4	Taiwan	4,496	5,104	13.5
5	Germany	3,378	2,809	-16.8	5	Canada	3,225	3,593	11.4
6	India	1,884	2,238	18.8	6	Vietnam	2,088	2,496	19.5
7	France	2,210	2,123	-3.9	7	Iran	2,134	2,269	6.3
8	United Kingdom	1,915	1,726	-9.9	8	Nigeria	1,862	2,093	12.4
9	Taiwan	1,719	1,655	-3.7	9	Brazil	1,749	2,044	16.9
10	Spain	1,441	1,582	9.8	10	Saudi Arabia	1,897	2,003	5.6
11	Brazil	1,304	1,515	16.2	11	Turkey	1,737	1,845	6.2
12	Mexico	1,137	1,204	5.9	12	Mexico	1,690	1,716	1.5
13	Vietnam	1,601	1,134	-29.2	13	Nepal	1,261	1,594	26.4
14	Australia	916	878	-4.1	14	Indonesia	1,420	1,548	9.0
15	Italy	819	776	-5.3	15	Japan	1,501	1,516	1.0
16	Netherlands	760	710	-6.6	16	Malaysia	1,223	1,391	13.7
17	Denmark	628	709	12.9	17	Pakistan	1,078	1,385	28.5
18	Sweden	636	688	8.2	18	France	1,314	1,377	4.8
19	Kuwait	1,175	677	-42.4	19	United Kingdom	1,240	1,330	7.3
19	Colombia	636	661	3.9	20	Colombia	1,192	1,261	5.8
21	Canada	586	588	0.3	21	Venezuela	1,072	1,240	15.7
22	Venezuela	790	551	-30.3	22	Bangladesh	1,024	1,154	12.7
23	Turkey	549	465	-15.3	23	Hong Kong	1,076	1,105	2.7
24	Thailand	459	451	-1.7	24	Thailand	840	1,052	25.2
25	Singapore	390	428	9.7	25	Italy	791	917	15.9

(cont'd)

		International students	% of total			International students	% of total			International students	% of total
1985/86	Taiwan	23,770	6.9	1997/98	Japan	47,073	9.8	2009/10	China	127,628	18.5
1986/87	Taiwan	25,660	7.3	1998/99	China	51,001	10.4	2010/11	China	157,558	21.8
1987/88	Taiwan	26,660	7.5	1999/00	China	54,466	10.6	2011/12	China	194,029	25.4
1988/89	China	29,040	7.9	2000/01	China	59,939	10.9	2012/13	China	235,597	28.7
1989/90	China	33,390	8.6	2001/02	India	66,836	11.5	2013/14	China	274,439	31.0
1990/91	China	39,600	9.7	2002/03	India	74,603	12.7	2014/15	China	304,040	31.2
1991/92	China	42,941	10.2	2003/04	India	79,736	13.9	2015/16	China	328,547	31.5
1992/93	China	45,126	10.3	2004/05	India	80,466	14.2	2016/17	China	350,755	32.5
1993/94	China	44,381	9.9	2005/06	India	76,503	13.5	2017/18	China	363,341	33.2
1994/95	Japan	45,276	10.0	2006/07	India	83,833	14.4	2018/19	China	369,548	33.7
1995/96	Japan	45,531	10.0	2007/08	India	94,563	15.2				
1996/97	Japan	46,292	10.1	2008/09	India	103,260	15.4				

1.14 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN, 2017/18 & 2018/19

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
AFRICA, SUB-SAHARAN	39,479	40,290	3.7	2.1	Cabo Verde/Cape Verde	67	52		-22.4
East Africa	9,093	9,227	0.8	1.5	Côte d'Ivoire/Ivory Coast	1,349	1,392		3.2
Burundi	134	141		5.2	Gambia	261	243		-6.9
Djibouti	9	9		0.0	Ghana	3,213	3,661		13.9
Eritrea	151	117		-22.5	Guinea	98	107		9.2
Ethiopia	2,118	2,061		-2.7	Guinea-Bissau	10	16		60.0
Kenya	3,322	3,451		3.9	Liberia	262	255		-2.7
Rwanda	1,232	1,292		4.9	Mali	302	291		-3.6
Seychelles	11	16		45.5	Mauritania	106	84		-20.8
Somalia	67	76		13.4	Niger	288	257		-10.8
South Sudan	76	63		-17.1	Nigeria	12,693	13,423		5.8
Sudan	331	319		-3.6	Saint Helena	1	8		700.0
Tanzania	824	834		1.2	Senegal	544	504		-7.4
Uganda	818	848		3.7	Sierra Leone	200	181		-9.5
Central Africa	3,562	3,325	0.3	-6.7	Togo	199	189		-5.0
Cameroon	1,382	1,188		-14.0	West Africa, unspecified	1	0		-100.0
Central African Republic	14	17		21.4	ASIA	758,076	768,260	70.1	1.3
Chad	75	65		-13.3	East Asia	468,304	472,085	43.1	0.8
Congo, Dem. Rep. of the (Kinshasa)	1,123	1,164		3.7	China	363,341	369,548		1.7
Congo, Rep. of the (Brazzaville)	298	284		-4.7	Hong Kong	7,162	6,917		-3.4
Equatorial Guinea	335	280		-16.4	Japan	18,753	18,105		-3.5
Gabon	332	327		-1.5	Macau	555	558		0.5
São Tomé & Príncipe	3	0		-100.0	Mongolia	1,481	1,336		-9.8
Southern Africa	6,429	6,315	0.6	-1.8	North Korea	3	2		-33.3
Angola	1,183	1,014		-14.3	South Korea	54,555	52,250		-4.2
Botswana	233	214		-8.2	Taiwan	22,454	23,369		4.1
Comoros	12	18		50.0	South and Central Asia	231,661	238,621	21.8	3.0
Eswatini	188	181		-3.7	Afghanistan	476	418		-12.2
Lesotho	55	58		5.5	Bangladesh	7,496	8,249		10.0
Madagascar	132	159		20.5	Bhutan	152	146		-3.9
Malawi	306	311		1.6	India	196,271	202,014		2.9
Mauritius	288	311		8.0	Kazakhstan	1,865	1,879		0.8
Mozambique	111	113		1.8	Kyrgyzstan	227	290		27.8
Namibia	101	105		4.0	Maldives	32	25		-21.9
Reunion	6	1		-83.3	Nepal	13,270	13,229		-0.3
South Africa	2,040	2,042		0.1	Pakistan	7,537	7,957		5.6
Zambia	450	445		-1.1	Sri Lanka	3,309	3,334		0.8
Zimbabwe	1,324	1,343		1.4	Tajikistan	222	229		3.2
West Africa	20,395	21,423	2.0	5.0	Turkmenistan	234	280		19.7
Benin	234	246		5.1	Uzbekistan	570	571		0.2
Burkina Faso	567	514		-9.3	Southeast Asia	58,111	57,554	5.3	-1.0
					Brunei	53	50		-5.7

(cont'd)

(cont'd)

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
Cambodia	659	685		3.9	Monaco	17	17		0.0
Indonesia	8,650	8,356		-3.4	Montenegro	115	112		-2.6
Laos	104	96		-7.7	Netherlands	2,701	2,681		-0.7
Malaysia	8,271	7,709		-6.8	Norway	2,105	1,988		-5.6
Myanmar	1,569	1,773		13.0	Poland	1,477	1,526		3.3
Philippines	3,225	3,320		2.9	Portugal	937	973		3.8
Singapore	4,575	4,632		1.2	Romania	1,071	1,016		-5.1
Thailand	6,636	6,503		-2.0	Russia	5,518	5,292		-4.1
Timor-Leste/East Timor	44	38		-13.6	San Marino	4	3		-25.0
Vietnam	24,325	24,392		0.3	Serbia	1,079	1,098		1.8
EUROPE	92,655	90,996	8.3	-1.8	Slovakia	347	349		0.6
Albania	884	993		12.3	Slovenia	250	256		2.4
Andorra	14	17		21.4	Spain	7,489	7,262		-3.0
Armenia	313	328		4.8	Sweden	3,543	3,460		-2.3
Austria	1,148	1,098		-4.4	Switzerland	1,382	1,367		-1.1
Azerbaijan	426	489		14.8	Turkey	10,520	10,159		-3.4
Belarus	351	378		7.7	Ukraine	1,928	1,953		1.3
Belgium	1,080	1,073		-0.6	United Kingdom	11,460	11,146		-2.7
Bosnia and Herzegovina	290	300		3.4	Vatican City/Holy See	3	0		-100.0
Bulgaria	826	757		-8.4	Europe, unspecified	1	1		0.0
Croatia	528	516		-2.3	LATIN AMERICA & CARIBBEAN	79,920	80,962	7.4	1.3
Cyprus	410	431		5.1	Caribbean	11,289	11,065	1.0	-2.0
Czech Republic	763	820		7.5	Anguilla	15	19		26.7
Denmark	1,423	1,423		0.0	Antigua and Barbuda	200	164		-18.0
Estonia	186	184		-1.1	Aruba	90	71		-21.1
Finland	768	716		-6.8	Bahamas	2,176	2,148		-1.3
France	8,802	8,716		-1.0	Barbados	322	333		3.4
Georgia	597	574		-3.9	Bermuda	296	280		-5.4
Germany	10,042	9,191		-8.5	British Virgin Islands	70	81		15.7
Gibraltar	6	16		166.7	Cayman Islands	169	159		-5.9
Greece	2,395	2,523		5.3	Cuba	152	163		7.2
Hungary	716	793		10.8	Curacao	128	122		-4.7
Iceland	412	407		-1.2	Dominica	371	227		-38.8
Ireland	1,141	1,180		3.4	Dominican Republic	1,467	1,559		6.3
Italy	5,789	6,114		5.6	Grenada	170	133		-21.8
Kosovo	229	159		-30.6	Guadeloupe	10	8		-20.0
Latvia	236	244		3.4	Haiti	948	967		2.0
Liechtenstein	9	8		-11.1	Jamaica	2,785	2,820		1.3
Lithuania	327	318		-2.8	Martinique	12	11		-8.3
Luxembourg	102	101		-1.0	Montserrat	3	7		133.3
Macedonia	224	227		1.3	St. Kitts and Nevis	200	147		-26.5
Malta	34	38		11.8	St. Lucia	229	206		-10.0
Moldova	237	205		-13.5	St. Vincent and Grenadines	83	92		10.8

(cont'd)

1.14 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN, 2017/18 & 2018/19 (cont'd)

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
Sint Maarten	82	109		32.9	Qatar	1,127	834		-26.0
Trinidad and Tobago	1,257	1,202		-4.4	Saudi Arabia	44,432	37,080		-16.5
Turks and Caicos	42	37		-11.9	Syria	726	566		-22.0
Caribbean, unspecified	12	0		-100.0	United Arab Emirates	2,486	2,361		-5.0
Mexico and Central America	24,002	23,998	2.2	0.0	Yemen	517	398		-23.0
Belize	366	375		2.5	North Africa	7,268	6,961	0.6	-4.2
Costa Rica	1,146	1,157		1.0	Algeria	212	238		12.3
El Salvador	1,554	1,566		0.8	Egypt	3,701	3,675		-0.7
Guatemala	1,206	1,192		-1.2	Libya	1,064	884		-16.9
Honduras	2,104	2,191		4.1	Morocco	1,563	1,461		-6.5
Mexico	15,468	15,229		-1.5	Tunisia	728	703		-3.4
Nicaragua	409	443		8.3	NORTH AMERICA	25,909	26,122	2.4	0.8
Panama	1,749	1,845		5.5	Canada	25,909	26,122		0.8
South America	44,629	45,899	4.2	2.8	OCEANIA	7,372	7,542	0.7	2.3
Argentina	2,283	2,407		5.4	Australia	4,908	4,930		0.4
Bolivia	1,153	1,195		3.6	Cook Islands	5	17		240.0
Brazil	14,620	16,059		9.8	Fiji	109	98		-10.1
Chile	2,528	2,699		6.8	French Polynesia	30	60		100.0
Colombia	7,976	8,060		1.1	Kiribati	58	91		56.9
Ecuador	3,050	2,892		-5.2	Marshall Islands	22	16		-27.3
Falkland Islands	0	0		0.0	Micronesia	38	44		15.8
French Guiana	3	7		133.3	Nauru	1	1		0.0
Guyana	296	311		5.1	New Caledonia	6	4		-33.3
Paraguay	590	619		4.9	New Zealand	1,785	1,841		3.1
Peru	3,235	3,409		5.4	Niue	4	2		-50.0
Suriname	80	74		-7.5	Norfolk Island	3	1		-66.7
Uruguay	444	407		-8.3	Palau	31	26		-16.1
Venezuela	8,371	7,760		-7.3	Papua New Guinea	83	86		3.6
MIDDLE EAST & NORTH AFRICA	91,375	81,126	7.4	-11.2	Samoa	93	103		10.8
Middle East	84,107	74,165	6.8	-11.8	Solomon Islands	9	15		66.7
Bahrain	451	422		-6.4	Tonga	169	186		10.1
Iran	12,783	12,142		-5.0	Tuvalu	4	4		0.0
Iraq	1,438	1,237		-14.0	Vanuatu	14	15		7.1
Israel	2,327	2,392		2.8	Wallis and Futuna	0	2		-
Jordan	2,420	2,435		0.6	STATELESS	6	1	0.0	-83.3
Kuwait	10,190	9,195		-9.8	WORLD TOTAL	1,094,792	1,095,299	100.0	0.05
Lebanon	1,633	1,672		2.4					
Oman	3,097	2,963		-4.3					
Palestinian Territories	480	468		-2.5					

Note: Percent distributions may not sum to 100.0 because of rounding.

1.15 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN & ACADEMIC LEVEL, 2017/18 & 2018/19

	TOTAL 2018/19	UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL PRACTICAL TRAINING					
		2017/18	2018/19	% of total change	2017/18	2018/19	% of total change	2017/18	2018/19	% of total change	2017/18	2018/19	% of total change			
AFRICA, SUB-SAHARAN	40,290	21,627	21,194	52.6	11,892	12,525	31.1	5.3	1,195	1,227	3.0	2.7	4,765	5,344	13.3	12.2
East Africa	9,227	5,245	5,488	59.5	2,570	2,403	26.0	-6.5	241	210	2.3	-12.9	1,037	1,126	12.2	8.6
Burundi	141	102	90	63.8	19	21	14.9	10.5	2	11	7.8	450.0	11	19	13.5	72.7
Djibouti	9	5	8	88.9	3	0	0.0	-100.0	1	1	11.1	0.0	0	0	0.0	0.0
Eritrea	117	50	47	40.2	91	65	55.6	-28.6	2	0	0.0	-100.0	8	5	4.3	-37.5
Ethiopia	2,061	1,195	1,344	65.2	629	443	21.5	-29.6	91	55	2.7	-39.6	203	219	10.6	7.9
Kenya	3,451	1,931	2,008	58.2	922	928	26.9	0.7	55	68	2.0	23.6	414	447	13.0	8.0
Rwanda	1,292	861	896	69.3	213	229	17.7	7.5	28	18	1.4	-35.7	130	149	11.5	14.6
Seychelles	16	6	8	50.0	1	1	6.3	0.0	0	0	0.0	0.0	4	7	43.8	75.0
Somalia	76	60	64	84.2	1	1	1.3	0.0	2	1	1.3	-50.0	4	10	13.2	150.0
South Sudan	63	51	48	76.2	16	11	17.5	-31.3	4	0	0.0	-100.0	5	4	6.3	-20.0
Sudan	319	158	136	42.6	120	127	39.8	5.8	7	7	2.2	0.0	46	49	15.4	6.5
Tanzania	834	478	485	58.2	226	221	26.5	-2.2	32	24	2.9	-25.0	88	104	12.5	18.2
Uganda	848	348	354	41.7	329	356	42.0	8.2	17	25	2.9	47.1	124	113	13.3	-8.9
Central Africa	3,325	2,415	2,271	68.3	615	582	17.5	-5.4	247	186	5.6	-24.7	285	286	8.6	0.4
Cameroon	1,188	784	648	54.5	380	348	29.3	-8.4	62	57	4.8	-8.1	156	135	11.4	-13.5
Central African Republic	17	11	10	58.8	2	2	11.8	0.0	1	5	29.4	400.0	0	0	0.0	0.0
Chad	65	40	39	60.0	26	17	26.2	-34.6	3	3	4.6	0.0	6	6	9.2	0.0
Congo, Dem. Rep. of the (Kinshasa)	1,164	838	869	74.7	114	136	11.7	19.3	103	63	5.4	-38.8	68	96	8.2	41.2
Congo, Rep. of the (Brazzaville)	284	233	213	75.0	28	37	13.0	32.1	22	10	3.5	-54.5	15	24	8.5	60.0
Equatorial Guinea	280	267	231	82.5	19	10	3.6	-47.4	38	26	9.3	-31.6	11	13	4.6	18.2
Gabon	327	239	261	79.8	46	32	9.8	-30.4	18	22	6.7	22.2	29	12	3.7	-58.6
São Tomé & Príncipe	0	3	0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
Southern Africa	6,315	4,054	3,835	60.7	1,499	1,514	24.0	1.0	214	169	2.7	-21.0	662	797	12.6	20.4
Angola	1,014	1,010	848	83.6	87	92	9.1	5.7	52	22	2.2	-57.7	34	52	5.1	52.9
Botswana	214	141	120	56.1	61	59	27.6	-3.3	4	3	1.4	-25.0	27	32	15.0	18.5
Comoros	18	5	1	5.6	7	10	55.6	42.9	0	1	5.6	-	0	6	33.3	-
Eswatini	181	116	114	63.0	34	29	16.0	-14.7	5	2	1.1	-60.0	33	36	19.9	9.1
Lesotho	58	40	35	60.3	10	10	17.2	0.0	1	0	0.0	-100.0	4	13	22.4	225.0

(cont'd)

1.15 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN & ACADEMIC LEVEL, 2017/18 & 2018/19 (cont'd)

	TOTAL			UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL/PRACTICAL TRAINING		
	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change
Madagascar	159	74	89 56.0 20.3	42	46	28.9 9.5	1	5	3.1 400.0	15	19	11.9 26.7			
Malawi	311	144	146 46.9 1.4	136	133	42.8 -2.2	5	5	1.6 0.0	21	27	8.7 28.6			
Mauritius	311	187	199 64.0 6.4	71	64	20.6 -9.9	2	3	1.0 50.0	28	45	14.5 60.7			
Mozambique	113	58	69 61.1 19.0	38	26	23.0 -31.6	3	2	1.8 -33.3	12	16	14.2 33.3			
Namibia	105	60	61 58.1 1.7	24	32	30.5 33.3	4	2	1.9 -50.0	13	10	9.5 -23.1			
Reunion	1	2	1 100.0 -50.0	0	0	0.0 0.0	4	0	0.0 -100.0	0	0	0.0 0.0			
South Africa	2,042	1,156	1,140 55.8 -1.4	550	568	27.8 3.3	95	93	4.6 -2.1	239	241	11.8 0.8			
Zambia	445	278	269 60.4 -3.2	110	112	25.2 1.8	17	11	2.5 -35.3	45	53	11.9 17.8			
Zimbabwe	1,343	783	743 55.3 -5.1	329	333	24.8 1.2	21	20	1.5 -4.8	191	247	18.4 29.3			
West Africa	21,423	9,913	9,600 44.8 -3.2	7,208	8,026	37.5 11.3	493	662	3.1 34.3	2,781	3,135	14.6 12.7			
Benin	246	134	133 54.1 -0.7	66	69	28.0 4.5	10	11	4.5 10.0	24	33	13.4 37.5			
Burkina Faso	514	398	363 70.6 -8.8	79	86	16.7 8.9	43	25	4.9 -41.9	47	40	7.8 -14.9			
Cabo Verde/Cape Verde	52	49	35 67.3 -28.6	4	10	19.2 150.0	2	0	0.0 -100.0	12	7	13.5 -41.7			
Côte d'Ivoire/Ivory Coast	1,392	933	928 66.7 -0.5	215	252	18.1 17.2	68	71	5.1 4.4	133	141	10.1 6.0			
Gambia	243	167	152 62.6 -9.0	58	57	23.5 -1.7	4	6	2.5 50.0	32	28	11.5 -12.5			
Ghana	3,661	1,111	1,121 30.6 0.9	1,534	1,860	50.8 21.3	77	93	2.5 20.8	491	587	16.0 19.6			
Guinea	107	68	80 74.8 17.6	21	13	12.1 -38.1	7	5	4.7 -28.6	2	9	8.4 350.0			
Guinea-Bissau	16	6	9 56.3 50.0	3	3	18.8 0.0	0	3	18.8 -	1	1	6.3 0.0			
Liberia	255	153	149 58.4 -2.6	84	84	32.9 0.0	8	4	1.6 -50.0	17	18	7.1 5.9			
Mali	291	208	205 70.4 -1.4	48	40	13.7 -16.7	26	19	6.5 -26.9	20	27	9.3 35.0			
Mauritania	84	65	47 56.0 -27.7	21	19	22.6 -9.5	8	5	6.0 -37.5	12	13	15.5 8.3			
Niger	257	156	147 57.2 -5.8	97	67	26.1 -30.9	11	11	4.3 0.0	24	32	12.5 33.3			
Nigeria	13,423	5,887	5,689 42.4 -3.4	4,762	5,274	39.3 10.8	182	367	2.7 101.6	1,862	2,093	15.6 12.4			
Saint Helena	8	1	1 12.5 0.0	0	2	25.0 -	0	0	0.0 0.0	0	5	62.5 -			
Senegal	504	338	312 61.9 -7.7	110	102	20.2 -7.3	28	24	4.8 -14.3	68	66	13.1 -2.9			
Sierra Leone	181	122	115 63.5 -5.7	55	46	25.4 -16.4	3	2	1.1 -33.3	20	18	9.9 -10.0			
Togo	189	117	114 60.3 -2.6	51	42	22.2 -17.6	16	16	8.5 0.0	15	17	9.0 13.3			
West Africa, Unspecified	0	0	0 0.0 0.0	0	0	0.0 0.0	0	0	0.0 0.0	1	0	0.0 -100.0			
ASIA	768,260	273,087	271,101 35.3 -0.7	282,475	279,766	36.4 -1.0	35,235	33,493	4.4 -4.9	167,279	183,900	23.9 9.9			
East Asia	472,085	198,006	195,535 41.4 -1.2	160,222	162,817	34.5 1.6	29,365	27,651	5.9 -5.8	80,711	86,082	18.2 6.7			
China	369,548	148,593	148,880 40.3 0.2	130,843	133,396	36.1 2.0	18,225	17,235	4.7 -5.4	65,660	70,037	19.0 6.6			

(cont'd)

	TOTAL	UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL PRACTICAL TRAINING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		2018/19	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	6,917	4,435	4,098	59.2	-7.6	1,198	1,314	19.0	9.7	453	400	5.8	-11.7	1,076	1,105	16.0	2.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Hong Kong	18,105	9,190	9,001	49.7	-2.1	2,918	2,875	15.9	-1.5	5,144	4,713	26.0	-8.4	1,501	1,516	8.4	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Japan	558	355	351	62.9	-1.1	68	91	16.3	33.8	48	44	7.9	-8.3	84	72	12.9	-14.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Macao	1,336	790	780	58.4	-1.3	386	275	20.6	-28.8	145	107	8.0	-26.2	160	174	13.0	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Mongolia	2	2	2	100.0	0.0	1	0	0.0	-100.0	0	0	0.0	0.0	0	0	0.0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
North Korea	52,250	27,638	25,161	48.2	-9.0	15,572	15,518	29.7	-0.3	3,631	3,497	6.7	-3.7	7,714	8,074	15.5	4.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
South Korea	23,369	7,003	7,262	31.1	3.7	9,236	9,348	40.0	1.2	1,719	1,655	7.1	-3.7	4,496	5,104	21.8	13.5	Taiwan	238,621	38,774	40,239	16.9	3.8	110,539	105,498	44.2	-4.6	2,653	3,081	1.3	16.1	79,695	89,803	37.6	12.7	South and Central Asia	418	171	155	37.1	-9.4	230	197	47.1	-14.3	23	9	2.2	-60.9	52	57	13.6	9.6	Afghanistan	8,249	1,766	1,710	20.7	-3.2	4,649	5,278	64.0	13.5	57	107	1.3	87.7	1,024	1,154	14.0	12.7	Bangladesh	146	103	109	74.7	5.8	25	22	15.1	-12.0	7	6	4.1	-14.3	17	9	6.2	-47.1	Bhutan	202,014	23,346	24,813	12.3	6.3	95,651	90,333	44.7	-5.6	1,884	2,238	1.1	18.8	75,390	84,630	41.9	12.3	India	1,879	895	839	44.7	-6.3	566	640	34.1	13.1	180	132	7.0	-26.7	224	268	14.3	19.6	Kazakhstan	290	114	144	49.7	26.3	59	80	27.6	35.6	27	51	17.6	88.9	27	15	5.2	-44.4	Kyrgyzstan	25	20	15	60.0	-25.0	10	9	36.0	-10.0	0	1	4.0	-	2	0	0.0	-100.0	Maldives	13,229	7,378	7,471	56.5	1.3	4,537	4,037	30.5	-11.0	94	127	1.0	35.1	1,261	1,594	12.0	26.4	Nepal	7,957	3,429	3,505	44.0	2.2	2,755	2,761	34.7	0.2	275	306	3.8	11.3	1,078	1,385	17.4	28.5	Pakistan	3,334	1,015	900	27.0	-11.3	1,745	1,831	54.9	4.9	36	37	1.1	2.8	513	566	17.0	10.3	Sri Lanka	229	124	139	60.7	12.1	55	57	24.9	3.6	17	16	7.0	-5.9	26	17	7.4	-34.6	Tajikistan	280	144	165	58.9	14.6	54	67	23.9	24.1	10	14	5.0	40.0	26	34	12.1	30.8	Turkmenistan	571	269	274	48.0	1.9	203	186	32.6	-8.4	43	37	6.5	-14.0	55	74	13.0	34.5	Uzbekistan	57,554	36,307	35,327	61.4	-2.7	11,714	11,451	19.9	-2.2	3,217	2,761	4.8	-14.2	6,873	8,015	13.9	16.6	Southeast Asia	50	33	35	70.0	6.1	7	10	20.0	42.9	1	1	2.0	0.0	12	4	8.0	-66.7	Brunei	685	417	447	65.3	7.2	148	130	19.0	-12.2	47	47	6.9	0.0	47	61	8.9	29.8	Cambodia	8,356	5,183	4,852	58.1	-6.4	1,689	1,589	19.0	-5.9	358	367	4.4	2.5	1,420	1,548	18.5	9.0	Indonesia	96	59	59	61.5	0.0	17	17	17.7	0.0	23	18	18.8	-21.7	5	2	2.1	-60.0	Laos	7,709	5,817	5,104	66.2	-12.3	1,116	1,061	13.8	-4.9	115	153	2.0	33.0	1,223	1,391	18.0	13.7	Malaysia	1,773	1,116	1,277	72.0	14.4	245	231	13.0	-5.7	72	65	3.7	-9.7	136	200	11.3	47.1	Myanmar	3,320	1,788	1,776	53.5	-0.7	924	985	29.7	6.6	147	97	2.9	-34.0	366	462	13.9	26.2	Philippines	4,632	2,074	1,981	42.8	-4.5	1,379	1,425	30.8	3.3	390	428	9.2	9.7	732	798	17.2	9.0	Singapore	6,503	2,859	2,718	41.8	-4.9	2,478	2,282	35.1	-7.9	459	451	6.9	-1.7	840	1,052	16.2	25.2	Thailand	38	28	30	78.9	7.1	8	7	18.4	-12.5	4	0	0.0	-100.0	4	1	2.6	-75.0	Timor-Leste/East Timor	24,392	16,933	17,048	69.9	0.7	3,703	3,714	15.2	0.3	1,601	1,134	4.6	-29.2	2,088	2,496	10.2	19.5	Vietnam																	
Taiwan	238,621	38,774	40,239	16.9	3.8	110,539	105,498	44.2	-4.6	2,653	3,081	1.3	16.1	79,695	89,803	37.6	12.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
South and Central Asia	418	171	155	37.1	-9.4	230	197	47.1	-14.3	23	9	2.2	-60.9	52	57	13.6	9.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Afghanistan	8,249	1,766	1,710	20.7	-3.2	4,649	5,278	64.0	13.5	57	107	1.3	87.7	1,024	1,154	14.0	12.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Bangladesh	146	103	109	74.7	5.8	25	22	15.1	-12.0	7	6	4.1	-14.3	17	9	6.2	-47.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Bhutan	202,014	23,346	24,813	12.3	6.3	95,651	90,333	44.7	-5.6	1,884	2,238	1.1	18.8	75,390	84,630	41.9	12.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
India	1,879	895	839	44.7	-6.3	566	640	34.1	13.1	180	132	7.0	-26.7	224	268	14.3	19.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Kazakhstan	290	114	144	49.7	26.3	59	80	27.6	35.6	27	51	17.6	88.9	27	15	5.2	-44.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Kyrgyzstan	25	20	15	60.0	-25.0	10	9	36.0	-10.0	0	1	4.0	-	2	0	0.0	-100.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Maldives	13,229	7,378	7,471	56.5	1.3	4,537	4,037	30.5	-11.0	94	127	1.0	35.1	1,261	1,594	12.0	26.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Nepal	7,957	3,429	3,505	44.0	2.2	2,755	2,761	34.7	0.2	275	306	3.8	11.3	1,078	1,385	17.4	28.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Pakistan	3,334	1,015	900	27.0	-11.3	1,745	1,831	54.9	4.9	36	37	1.1	2.8	513	566	17.0	10.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Sri Lanka	229	124	139	60.7	12.1	55	57	24.9	3.6	17	16	7.0	-5.9	26	17	7.4	-34.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Tajikistan	280	144	165	58.9	14.6	54	67	23.9	24.1	10	14	5.0	40.0	26	34	12.1	30.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Turkmenistan	571	269	274	48.0	1.9	203	186	32.6	-8.4	43	37	6.5	-14.0	55	74	13.0	34.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Uzbekistan	57,554	36,307	35,327	61.4	-2.7	11,714	11,451	19.9	-2.2	3,217	2,761	4.8	-14.2	6,873	8,015	13.9	16.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Southeast Asia	50	33	35	70.0	6.1	7	10	20.0	42.9	1	1	2.0	0.0	12	4	8.0	-66.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Brunei	685	417	447	65.3	7.2	148	130	19.0	-12.2	47	47	6.9	0.0	47	61	8.9	29.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Cambodia	8,356	5,183	4,852	58.1	-6.4	1,689	1,589	19.0	-5.9	358	367	4.4	2.5	1,420	1,548	18.5	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Indonesia	96	59	59	61.5	0.0	17	17	17.7	0.0	23	18	18.8	-21.7	5	2	2.1	-60.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Laos	7,709	5,817	5,104	66.2	-12.3	1,116	1,061	13.8	-4.9	115	153	2.0	33.0	1,223	1,391	18.0	13.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Malaysia	1,773	1,116	1,277	72.0	14.4	245	231	13.0	-5.7	72	65	3.7	-9.7	136	200	11.3	47.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Myanmar	3,320	1,788	1,776	53.5	-0.7	924	985	29.7	6.6	147	97	2.9	-34.0	366	462	13.9	26.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Philippines	4,632	2,074	1,981	42.8	-4.5	1,379	1,425	30.8	3.3	390	428	9.2	9.7	732	798	17.2	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Singapore	6,503	2,859	2,718	41.8	-4.9	2,478	2,282	35.1	-7.9	459	451	6.9	-1.7	840	1,052	16.2	25.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Thailand	38	28	30	78.9	7.1	8	7	18.4	-12.5	4	0	0.0	-100.0	4	1	2.6	-75.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Timor-Leste/East Timor	24,392	16,933	17,048	69.9	0.7	3,703	3,714	15.2	0.3	1,601	1,134	4.6	-29.2	2,088	2,496	10.2	19.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Vietnam																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

(cont'd)

1.15 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN & ACADEMIC LEVEL, 2017/18 & 2018/19 (cont'd)

	TOTAL	UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL PRACTICAL TRAINING						
		2018/19	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change	2017/18	2018/19 of total % change					
EUROPE	90,996	38,607	38,044	41.8	-1.5	26,929	26,221	28.8	-2.6	15,484	14,541	16.0	-6.1	11,635	12,190	13.4	4.8
Albania	993	551	638	64.2	15.8	190	188	18.9	-1.1	33	37	3.7	12.1	110	130	13.1	18.2
Andorra	17	10	10	58.8	0.0	1	4	23.5	300.0	2	2	11.8	0.0	1	1	5.9	0.0
Armenia	328	115	124	37.8	7.8	140	133	40.5	-5.0	16	13	4.0	-18.8	42	58	17.7	38.1
Austria	1,098	398	398	36.2	0.0	306	310	28.2	1.3	333	288	26.2	-13.5	111	102	9.3	-8.1
Azerbaijan	489	175	210	42.9	20.0	157	182	37.2	15.9	46	34	7.0	-26.1	48	63	12.9	31.3
Belarus	378	162	161	42.6	-0.6	133	144	38.1	8.3	16	24	6.3	50.0	40	49	13.0	22.5
Belgium	1,073	470	491	45.8	4.5	274	290	27.0	5.8	204	158	14.7	-22.5	132	134	12.5	1.5
Bosnia and Herzegovina	300	192	181	60.3	-5.7	58	66	22.0	13.8	7	8	2.7	14.3	33	45	15.0	36.4
Bulgaria	757	351	334	44.1	-4.8	256	227	30.0	-11.3	30	34	4.5	13.3	189	162	21.4	-14.3
Croatia	516	295	284	55.0	-3.7	136	132	25.6	-2.9	19	21	4.1	10.5	78	79	15.3	1.3
Cyprus	431	208	225	52.2	8.2	128	126	29.2	-1.6	14	17	3.9	21.4	60	63	14.6	5.0
Czech Republic	820	392	407	49.6	3.8	183	201	24.5	9.8	109	104	12.7	-4.6	79	108	13.2	36.7
Denmark	1,423	495	449	31.6	-9.3	216	181	12.7	-16.2	628	709	49.8	12.9	84	84	5.9	0.0
Estonia	184	79	88	47.8	11.4	50	51	27.7	2.0	30	13	7.1	-56.7	27	32	17.4	18.5
Finland	716	395	388	54.2	-1.8	132	138	19.3	4.5	174	129	18.0	-25.9	67	61	8.5	-9.0
France	8,716	2,915	2,911	33.4	-0.1	2,363	2,305	26.4	-2.5	2,210	2,123	24.4	-3.9	1,314	1,377	15.8	4.8
Georgia	574	302	322	56.1	6.6	176	157	27.4	-10.8	46	29	5.1	-37.0	73	66	11.5	-9.6
Germany	9,191	3,294	3,094	33.7	-6.1	2,574	2,480	27.0	-3.7	3,378	2,809	30.6	-16.8	796	808	8.8	1.5
Gibraltar	16	3	3	18.8	0.0	2	11	68.8	450.0	0	2	12.5	-	1	0	0.0	-100.0
Greece	2,523	742	789	31.3	6.3	1,165	1,153	45.7	-1.0	54	68	2.7	25.9	434	513	20.3	18.2
Hungary	793	318	329	41.5	3.5	236	273	34.4	15.7	77	83	10.5	7.8	85	108	13.6	27.1
Iceland	407	206	216	53.1	4.9	127	128	31.4	0.8	24	17	4.2	-29.2	55	46	11.3	-16.4
Ireland	1,190	451	449	38.1	-0.4	334	321	27.2	-3.9	229	286	24.2	24.9	127	124	10.5	-2.4
Italy	6,114	2,092	2,242	36.7	7.2	2,087	2,179	35.6	4.4	819	776	12.7	-5.3	791	917	15.0	15.9
Kosovo	159	74	71	44.7	-4.1	99	63	39.6	-36.4	35	2	1.3	-94.3	21	23	14.5	9.5
Latvia	244	135	139	57.0	3.0	56	62	25.4	10.7	13	15	6.1	15.4	32	28	11.5	-12.5
Liechtenstein	8	5	2	25.0	-60.0	2	3	37.5	50.0	1	3	37.5	200.0	1	0	0.0	-100.0
Lithuania	318	192	187	58.8	-2.6	77	72	22.6	-6.5	23	24	7.5	4.3	35	35	11.0	0.0
Luxembourg	101	35	52	51.5	48.6	22	25	24.8	13.6	32	18	17.8	-43.8	13	6	5.9	-53.8
Macedonia	227	117	113	49.8	-3.4	70	80	35.2	14.3	8	4	1.8	-50.0	29	30	13.2	3.4
Malta	38	11	17	44.7	54.5	13	9	23.7	-30.8	5	6	15.8	20.0	5	6	15.8	20.0
Moldova	205	133	107	52.2	-19.5	67	59	28.8	-11.9	10	9	4.4	-10.0	27	30	14.6	11.1

(cont'd)

	TOTAL			UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL/PRACTICAL TRAINING			
	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	
Monaco	17	9	64.7	11	5	29.4	0.0	1	1	5.9	0.0	2	0	0.0	-100.0	
Montenegro	112	70	64.3	72	25	17.0	-24.0	7	3	2.7	-57.1	13	18	16.1	38.5	
Netherlands	2,681	1,216	46.3	1,241	536	19.6	-2.1	760	710	26.5	-6.6	189	205	7.6	8.5	
Norway	1,988	1,269	58.0	1,153	296	14.8	-0.7	380	338	17.0	-11.1	160	203	10.2	26.9	
Poland	1,526	717	47.2	720	445	29.9	2.5	138	147	9.6	6.5	177	203	13.3	14.7	
Portugal	973	454	50.5	491	274	28.3	0.4	100	82	8.4	-18.0	109	125	12.8	14.7	
Romania	1,016	476	43.9	446	378	31.5	-15.3	40	47	4.6	17.5	177	203	20.0	14.7	
Russia	5,292	2,373	42.7	2,258	1,857	33.9	-3.3	418	412	7.8	-1.4	870	827	15.6	-4.9	
San Marino	3	1	66.7	2	1	33.3	-50.0	1	0	0.0	-100.0	0	0	0.0	0.0	
Serbia	1,098	579	51.8	569	333	31.1	2.4	20	20	1.8	0.0	147	168	15.3	14.3	
Slovakia	349	159	49.3	172	92	25.8	-2.2	42	42	12.0	0.0	54	45	12.9	-16.7	
Slovenia	256	108	48.0	123	69	28.1	4.3	42	35	13.7	-16.7	31	26	10.2	-16.1	
Spain	7,262	2,983	40.5	2,941	2,055	26.8	-5.3	1,441	1,582	21.8	9.8	1,010	793	10.9	-21.5	
Sweden	3,460	2,170	57.2	1,978	329	34.8	10.1	5.8	636	688	19.9	8.2	408	446	12.9	9.3
Switzerland	1,367	600	39.9	546	384	27.4	-2.3	262	269	19.7	2.7	136	177	12.9	30.1	
Turkey	10,159	3,474	33.9	3,440	4,760	43.4	-7.4	549	465	4.6	-15.3	1,737	1,845	18.2	6.2	
Ukraine	1,953	941	50.1	978	645	29.6	-10.4	107	109	5.6	1.9	235	288	14.7	22.6	
United Kingdom	11,146	5,691	49.1	5,472	2,614	23.5	0.2	1,915	1,726	15.5	-9.9	1,240	1,330	11.9	7.3	
Vatican City/Holy See	0	3	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	
Europe, Unspecified	1	1	0.0	0	0	100.0	-	0	0	0.0	0.0	0	0	0.0	0.0	
LATIN AMERICA & CARIBBEAN	80,962	44,180	53.8	43,593	20,845	26.5	3.0	5,487	5,543	6.8	1.0	9,408	10,363	12.8	10.2	
Caribbean	11,065	7,456	65.4	7,242	2,440	20.9	-5.0	214	241	2.2	12.6	1,179	1,264	11.4	7.2	
Anguilla	19	12	78.9	15	3	0.0	-100.0	0	0	0.0	0.0	0	4	21.1	-	
Antigua and Barbuda	164	152	73.2	120	27	17.1	3.7	0	1	0.6	-	21	15	9.1	-28.6	
Aruba	71	71	77.5	55	10	9.9	-30.0	2	2	2.8	0.0	7	7	9.9	0.0	
Bahamas	2,148	1,643	74.4	1,599	285	14.5	9.1	22	18	0.8	-18.2	226	220	10.2	-2.7	
Barbados	333	202	59.8	199	67	23.1	14.9	15	8	2.4	-46.7	38	49	14.7	28.9	
Bermuda	280	233	71.8	201	42	16.1	7.1	1	6	2.1	500.0	20	28	10.0	40.0	
British Virgin Islands	81	59	77.8	63	6	8.6	16.7	0	2	2.5	-	5	9	11.1	80.0	
Cayman Islands	159	144	84.3	134	21	10.7	-19.0	2	2	1.3	0.0	2	6	3.8	200.0	
Cuba	163	38	63.2	103	98	31.9	-46.9	15	6	3.7	-60.0	1	2	1.2	100.0	
Curacao	122	117	82.8	101	7	9.0	57.1	0	0	0.0	0.0	4	10	8.2	150.0	
Dominica	227	290	59.9	136	64	27.3	-3.1	3	0	0.0	-100.0	14	29	12.8	107.1	

(cont'd)

1.15 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN & ACADEMIC LEVEL, 2017/18 & 2018/19 (cont'd)

	TOTAL			UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL/PRACTICAL TRAINING		
	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change	2018/19	2017/18	% of total change
Dominican Republic	1,559	846	59.7	931	846	10.0	344	373	-7.8	55	55	0.0	193	193	0.0
Grenada	133	106	52.6	70	106	-34.0	32	39	-17.9	1	1	0.0	24	24	0.0
Guadeloupe	8	9	75.0	6	9	-33.3	1	0	12.5	0	0	0.0	1	1	0.0
Haiti	967	620	67.7	655	620	5.6	194	204	-4.9	50	50	0.0	74	74	0.0
Jamaica	2,820	1,771	62.3	1,758	1,771	-0.7	690	682	1.2	27	27	0.0	305	305	0.0
Martinique	11	7	72.7	8	7	14.3	3	3	0.0	2	2	0.0	0	0	0.0
Montserrat	7	3	85.7	6	3	100.0	1	0	14.3	0	0	0.0	0	0	0.0
St. Kitts and Nevis	147	151	63.9	94	151	-37.7	33	33	0.0	3	3	0.0	13	13	0.0
St. Lucia	206	113	51.0	105	113	-7.1	51	70	-27.1	0	0	0.0	46	46	0.0
St. Vincent and Grenadines	92	51	65.2	60	51	17.6	22	20	10.0	1	1	0.0	11	11	0.0
Sint Maarten	109	70	76.1	83	70	18.6	19	3	533.3	0	0	0.0	9	9	0.0
Trinidad and Tobago	1,202	714	59.2	711	714	-0.4	305	371	-17.8	9	9	0.0	163	163	0.0
Turks and Caicos	37	33	78.4	29	33	-12.1	6	1	500.0	6	6	0.0	2	2	0.0
Caribbean, Unspecified	0	1	0.0	0	1	-100.0	0	11	-100.0	0	0	0.0	0	0	0.0
Mexico and Central America	23,998	14,371	59.2	14,212	14,371	-1.1	5,401	5,447	-0.8	1,643	1,643	0.0	2,541	2,541	0.0
Belize	375	218	60.0	225	218	3.2	85	90	-5.6	5	5	0.0	53	53	0.0
Costa Rica	1,157	549	48.7	563	549	2.6	392	414	-5.3	34	34	0.0	149	149	0.0
El Salvador	1,566	1,172	75.0	1,175	1,172	0.3	194	174	11.5	75	75	0.0	133	133	0.0
Guatemala	1,192	786	64.2	765	786	-2.7	244	251	-2.8	31	31	0.0	138	138	0.0
Honduras	2,191	1,477	67.5	1,480	1,477	0.2	389	354	9.9	87	87	0.0	186	186	0.0
Mexico	15,229	8,802	56.1	8,549	8,802	-2.9	3,760	3,839	-2.1	1,137	1,137	0.0	1,690	1,690	0.0
Nicaragua	443	235	57.3	254	235	8.1	96	99	-3.0	29	29	0.0	46	46	0.0
Panama	1,845	1,132	65.1	1,201	1,132	6.1	241	226	6.6	245	245	0.0	146	146	0.0
South America	45,899	22,353	48.2	22,139	22,353	-1.0	13,744	12,958	6.1	3,630	3,630	0.0	5,688	5,688	0.0
Argentina	2,407	923	1,043	43.3	13.0	882	896	37.2	1.6	170	145	6.0	308	323	-4.9
Bolivia	1,195	756	741	62.0	-2.0	192	223	18.7	16.1	53	67	5.6	152	164	-7.9
Brazil	16,059	7,359	7,768	48.4	5.6	4,208	4,732	29.5	12.5	1,304	1,515	9.4	1,749	2,044	-16.9
Chile	2,699	712	689	25.5	-3.2	1,257	1,410	52.2	12.2	242	268	9.9	317	332	-4.7
Colombia	8,060	3,273	3,190	39.6	-2.5	2,875	2,948	36.6	2.5	636	661	8.2	1,192	1,261	-5.8
Ecuador	2,892	1,643	1,471	50.9	-10.5	840	845	29.2	0.6	185	165	5.7	382	411	-7.6
Falkland Islands	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
French Guiana	7	2	28.6	2	2	0.0	2	0	28.6	1	1	14.3	0	2	-28.6

(cont'd)

	TOTAL			UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL PRACTICAL TRAINING			
	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	2018/19	2017/18	% change	
Guyana	311	198	65.9	205	78	71	22.8	-9.0	6	2	0.6	-66.7	14	33	10.6	135.7
Paraguay	619	392	62.7	388	130	144	23.3	10.8	27	42	6.8	55.6	41	45	7.3	9.8
Peru	3,409	1,556	60.3	1,603	1,100	1,142	33.5	3.8	186	177	5.2	-4.8	393	487	14.3	23.9
Suriname	74	46	52.7	39	20	17	23.0	-15.0	3	3	4.1	0.0	11	15	20.3	36.4
Uruguay	407	171	41.0	167	189	178	43.7	-5.8	27	22	5.4	-18.5	57	40	9.8	-29.8
Venezuela	7,760	5,322	62.3	4,833	1,187	1,136	14.6	-4.3	790	551	7.1	-30.3	1,072	1,240	16.0	15.7
MIDDLE EAST & NORTH AFRICA	81,126	48,543	51.0	41,339	29,715	26,927	33.2	-9.4	6,591	5,938	7.3	-9.9	6,526	6,922	8.5	6.1
Middle East	74,165	45,534	51.9	38,518	26,819	24,170	32.6	-9.9	6,173	5,563	7.5	-9.9	5,581	5,914	8.0	6.0
Bahrain	422	314	71.8	303	89	72	17.1	-19.1	11	14	3.3	27.3	37	33	7.8	-10.8
Iran	12,142	808	726	6.0	9,695	9,017	74.3	-7.0	146	130	1.1	-11.0	2,134	2,269	18.7	6.3
Iraq	1,237	230	234	18.9	1,114	904	73.1	-18.9	39	42	3.4	7.7	55	57	4.6	3.6
Israel	2,392	698	702	29.3	1,119	1,091	45.6	-2.5	147	182	7.6	23.8	363	417	17.4	14.9
Jordan	2,435	988	957	39.3	1,050	1,018	41.8	-3.0	115	122	5.0	6.1	267	338	13.9	26.6
Kuwait	9,195	7,871	7,480	81.3	908	864	9.4	-4.8	1,175	677	7.4	-42.4	236	174	1.9	-26.3
Lebanon	1,672	535	516	30.9	733	770	46.1	5.0	51	62	3.7	21.6	314	324	19.4	3.2
Oman	2,963	2,613	2,499	84.3	180	166	5.6	-7.8	243	218	7.4	-10.3	61	80	2.7	31.1
Palestinian Territories	468	187	188	40.2	230	204	43.6	-11.3	24	29	6.2	20.8	39	47	10.0	20.5
Qatar	834	961	698	83.7	79	87	10.4	10.1	75	33	4.0	-56.0	12	16	1.9	33.3
Saudi Arabia	37,080	27,646	21,778	58.7	11,022	9,418	25.4	-14.6	3,867	3,881	10.5	0.4	1,897	2,003	5.4	5.6
Syria	566	383	298	52.7	240	196	34.6	-18.3	26	16	2.8	-38.5	77	56	9.9	-27.3
United Arab Emirates	2,361	1,940	1,873	79.3	266	285	12.1	7.1	215	135	5.7	-37.2	65	68	2.9	4.6
Yemen	398	360	266	66.8	94	78	19.6	-17.0	39	22	5.5	-43.6	24	32	8.0	33.3
North Africa	6,961	3,009	2,821	40.5	2,896	2,757	39.6	-4.8	418	375	5.4	-10.3	945	1,008	14.5	6.7
Algeria	238	96	116	48.7	77	84	35.3	9.1	14	14	5.9	0.0	25	24	10.1	-4.0
Egypt	3,675	1,511	1,469	40.0	1,594	1,546	42.1	-3.0	132	150	4.1	13.6	464	510	13.9	9.9
Libya	884	260	192	21.7	600	481	54.4	-19.8	53	46	5.2	-13.2	151	165	18.7	9.3
Morocco	1,461	823	764	52.3	414	412	28.2	-0.5	127	80	5.5	-37.0	199	205	14.0	3.0
Tunisia	703	319	280	39.8	211	234	33.3	10.9	92	85	12.1	-7.6	106	104	14.8	-1.9
NORTH AMERICA	26,122	12,581	12,470	47.7	9,517	9,471	36.3	-0.5	586	588	2.3	0.3	3,225	3,593	13.8	11.4
Canada	26,122	12,581	12,470	47.7	9,517	9,471	36.3	-0.5	586	588	2.3	0.3	3,225	3,593	13.8	11.4

(cont'd)

1.15 INTERNATIONAL STUDENTS BY PLACE OF ORIGIN & ACADEMIC LEVEL, 2017/18 & 2018/19 (cont'd)

	TOTAL		UNDERGRADUATE			GRADUATE			NON-DEGREE			OPTIONAL PRACTICAL TRAINING							
	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	% of total	% of total	% change	% change
OCEANIA	7,542	4,119	4,188	4,188	55.5	1.7	1,576	1,570	20.8	-0.4	1,053	1,011	878	624	773	10.2	23.9		
Australia	4,930	2,488	2,439	2,439	49.5	-2.0	1,084	1,092	22.2	0.7	916	878	878	420	521	10.6	24.0		
Cook Islands	17	2	16	16	94.1	700.0	0	0	0.0	0.0	1	1	1	2	0	0.0	-100.0		
Fiji	98	85	79	85	80.6	-7.1	19	12	12.2	-36.8	3	2	2	2	5	5.1	150.0		
French Polynesia	60	28	58	58	96.7	107.1	0	0	0.0	0.0	1	2	3	1	0	0.0	-100.0		
Kiribati	91	46	62	62	68.1	34.8	12	21	23.1	75.0	0	2	2	0	6	6.6	-		
Marshall Islands	16	21	15	15	93.8	-28.6	0	0	0.0	0.0	0	0	0	1	1	6.3	0.0		
Micronesia	44	35	40	40	90.9	14.3	2	2	4.5	0.0	0	1	2	1	1	2.3	0.0		
Nauru	1	1	1	1	100.0	0.0	0	0	0.0	0.0	0	0	0	0	0	0.0	0.0		
New Caledonia	4	5	1	1	25.0	-80.0	1	3	75.0	200.0	0	0	0	0	0	0.0	0.0		
New Zealand	1,841	1,058	1,094	1,094	59.4	3.4	416	392	21.3	-5.8	120	122	122	191	233	12.7	22.0		
Niue	2	0	0	0	0.0	0.0	4	2	100.0	-50.0	0	0	0	0	0	0.0	0.0		
Norfolk Island	1	3	0	0	0.0	-100.0	0	0	0.0	0.0	0	0	0	0	1	100.0	-		
Palau	26	25	20	20	76.9	-20.0	6	6	23.1	0.0	0	0	0	0	0	0.0	0.0		
Papua New Guinea	86	58	64	64	74.4	10.3	18	20	23.3	11.1	3	0	0	4	2	2.3	-50.0		
Samoa	103	88	95	95	92.2	8.0	4	6	5.8	50.0	0	0	0	1	2	1.9	100.0		
Solomon Islands	15	3	9	9	60.0	200.0	6	6	40.0	0.0	0	0	0	0	0	0.0	0.0		
Tonga	186	157	177	177	95.2	12.7	2	5	2.7	150.0	9	3	3	1	1	0.5	0.0		
Tuvalu	4	4	4	4	100.0	0.0	0	0	0.0	0.0	0	0	0	0	0	0.0	0.0		
Vanuatu	15	12	13	13	86.7	8.3	2	2	13.3	0.0	0	0	0	0	0	0.0	0.0		
Wallis and Futuna	2	0	1	1	50.0	-	0	1	50.0	-	0	0	0	0	0	0.0	0.0		
STATELESS	1	2	1	1	100.0	-50.0	4	0	0.0	-100.0	0	0	0	0	0	0.0	0.0		
WORLD TOTAL	1,095,299	442,746	431,930	442,746	39.4	-2.4	382,953	377,943	34.5	-1.3	65,631	62,341	62,341	203,462	223,085	20.4	9.6		

Note: Percent distribution may not total 100.0 due to rounding.

1.16 INTERNATIONAL STUDENTS BY U.S. STATE AND REGION, 2009/10–2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
Northeast	171,970	181,847	191,927	208,558	230,469	251,514	270,020	283,055	292,553	298,217	1.9
Connecticut	9,268	10,137	9,350	9,947	10,530	11,897	13,564	14,711	15,278	14,832	-2.9
Maine	1,233	1,158	1,250	1,415	1,198	1,354	1,396	1,341	1,343	1,335	-0.6
Massachusetts	35,313	38,698	41,258	46,486	51,240	55,447	59,436	62,926	68,192	71,098	4.3
New Hampshire	2,332	2,626	2,912	3,095	3,277	3,784	4,506	4,671	4,391	4,333	-1.3
New Jersey	14,246	13,844	15,155	15,634	17,082	19,196	21,228	22,708	22,924	23,456	2.3
New York	76,146	78,888	82,436	88,250	98,906	106,758	114,316	118,424	121,260	124,277	2.5
Pennsylvania	28,097	30,507	33,398	37,280	41,446	45,704	48,453	51,129	51,817	51,818	0.0
Rhode Island	4,318	4,911	5,054	5,254	5,549	5,872	5,409	5,378	5,478	5,376	-1.9
Vermont	1,017	1,078	1,114	1,197	1,241	1,502	1,712	1,767	1,870	1,692	-9.5
South	202,174	207,433	215,164	225,971	236,622	262,172	283,141	296,098	298,686	301,241	0.9
Alabama	6,364	6,340	6,450	7,092	7,451	7,901	8,561	9,549	9,300	9,326	0.3
Arkansas	3,549	4,172	4,217	5,011	4,964	5,918	5,665	6,455	5,376	6,817	26.8
Delaware	3,005	3,825	3,754	4,337	4,228	4,051	5,052	5,664	7,542	7,395	-1.9
District of Columbia	8,563	7,951	8,419	9,232	9,980	10,556	11,120	12,204	12,230	12,545	2.6
Florida	29,708	29,719	32,567	32,746	36,249	39,377	43,462	45,718	46,516	45,957	-1.2
Georgia	14,707	15,359	16,193	16,670	17,781	19,758	21,122	21,510	22,789	23,623	3.7
Kentucky	4,669	5,111	5,787	6,364	7,370	8,104	8,043	7,832	9,942	12,776	28.5
Louisiana	7,245	7,429	7,420	7,695	6,976	6,872	7,835	7,698	7,750	7,428	-4.2
Maryland	14,498	13,422	13,969	15,522	16,121	16,862	18,304	19,501	19,671	20,345	3.4
Mississippi	2,467	2,537	2,621	2,699	2,840	3,101	3,533	3,765	3,450	3,312	-4.0
North Carolina	12,307	12,824	13,770	15,027	15,943	17,319	18,884	20,112	21,092	21,954	4.1
Oklahoma	8,445	8,626	8,722	9,050	8,913	9,928	10,330	9,789	8,945	7,935	-11.3
South Carolina	4,433	4,529	4,883	5,089	5,215	5,895	6,253	6,636	6,207	6,064	-2.3
Tennessee	6,155	6,399	7,004	7,312	8,436	9,507	9,094	9,957	8,870	9,267	4.5
Texas	58,934	61,636	61,511	62,923	64,277	75,588	82,184	85,116	84,348	81,893	-2.9
Virginia	14,844	15,056	15,169	16,521	17,145	18,220	19,549	20,400	20,233	20,452	1.1
West Virginia	2,281	2,498	2,708	2,681	2,733	3,215	4,150	4,192	4,425	4,152	-6.2
Midwest	156,744	168,055	178,225	190,613	206,341	225,819	237,231	240,980	239,947	235,900	-1.7
Illinois	31,093	33,766	35,920	39,132	42,527	46,574	50,327	52,225	53,362	53,724	0.7
Indiana	18,569	20,112	22,194	24,408	26,406	28,104	29,219	30,600	29,994	29,083	-3.0
Iowa	9,647	10,404	11,164	11,540	11,318	12,220	12,711	12,488	13,362	12,624	-5.5
Kansas	8,922	9,389	9,277	9,568	10,631	12,020	10,351	10,231	9,571	9,339	-2.4
Michigan	24,214	24,668	25,551	26,930	29,648	32,015	33,848	34,296	34,049	33,236	-2.4
Minnesota	11,550	12,091	12,735	13,232	13,765	14,438	14,941	15,389	15,695	15,279	-2.7
Missouri	13,360	15,114	16,061	17,300	18,205	21,703	24,171	23,261	23,014	22,428	-2.5
Nebraska	4,142	4,194	4,372	5,142	5,292	5,774	5,910	6,089	6,091	5,628	-7.6
North Dakota	2,884	3,106	3,182	3,087	2,773	2,677	2,571	2,393	2,179	2,114	-3.0
Ohio	22,370	24,709	26,427	28,401	32,498	35,761	37,752	38,680	37,583	37,314	-0.7
South Dakota	1,089	1,254	1,355	1,498	1,560	1,782	1,981	2,108	2,096	2,064	-1.5
Wisconsin	8,904	9,248	9,987	10,375	11,718	12,751	13,449	13,220	12,951	13,067	0.9

(cont'd)

1.16 INTERNATIONAL STUDENTS BY U.S. STATE AND REGION, 2009/10–2018/19 (cont'd)

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
West	158,990	164,955	178,197	193,465	211,675	234,872	252,655	257,984	263,007	259,368	-1.4
Alaska	515	604	603	643	542	533	488	419	414	406	-1.9
Arizona	10,676	11,398	12,738	13,322	15,442	20,437	22,212	22,670	23,203	22,741	-2.0
California	94,279	96,535	102,789	111,379	121,647	135,130	149,328	156,879	161,942	161,693	-0.2
Colorado	6,980	7,688	8,445	8,983	9,621	10,800	11,346	11,527	11,639	11,888	2.1
Hawaii	5,000	4,768	4,446	4,450	4,388	4,035	4,295	3,855	3,975	4,078	2.6
Idaho	2,015	2,112	2,956	3,247	3,810	4,592	4,501	3,733	3,574	3,429	-4.1
Montana	1,226	1,301	1,323	1,607	1,691	2,146	1,735	1,720	1,485	1,581	6.5
Nevada	2,874	2,795	2,551	2,360	2,336	2,556	2,518	2,901	2,955	2,520	-14.7
New Mexico	2,898	2,724	3,419	3,535	3,711	3,374	3,767	3,595	3,426	3,208	-6.4
Oregon	7,506	8,929	9,896	11,674	13,360	14,422	14,382	13,209	12,580	11,373	-9.6
Utah	7,562	7,203	7,761	8,291	8,449	8,622	8,302	8,520	8,254	7,946	-3.7
Washington	16,449	17,811	20,198	22,877	25,554	27,051	28,624	27,801	28,455	27,472	-3.5
Wyoming	1,010	1,087	1,072	1,097	1,124	1,174	1,157	1,155	1,105	1,033	-6.5
Other	1,045	987	982	1,037	945	549	792	705	599	573	-4.3
Guam	32	*	*	*	*	*	*	*	*	*	*
Puerto Rico	863	858	888	936	849	453	703	609	527	505	-4.2
Virgin Islands	150	129	94	101	96	96	89	96	72	68	-5.6
U.S. TOTAL	690,923	723,277	764,495	819,644	886,052	974,926	1,043,839	1,078,822	1,094,792	1,095,299	0.05

* Did not report

1.17 INTERNATIONAL STUDENTS AS A SHARE OF TOTAL HIGHER EDUCATION ENROLLMENT, TOP 20 STATES, 2018/19

	Total students*	International students	% int'l		Total students*	International students	% int'l
1 Massachusetts	503,508	71,098	14.1	11 Hawaii	64,125	4,078	6.4
2 District of Columbia	95,999	12,545	13.1	12 California	2,714,051	161,693	6.0
3 Delaware	60,338	7,395	12.3	12 Michigan	558,053	33,236	6.0
4 New York	1,260,240	124,277	9.9	14 Missouri	383,489	22,428	5.8
5 Connecticut	197,534	14,832	7.5	15 Ohio	649,687	37,314	5.7
5 Washington	367,944	27,472	7.5	16 Maryland	364,207	20,345	5.6
7 Indiana	398,804	29,083	7.3	16 New Jersey	419,037	23,456	5.6
8 Pennsylvania	717,289	51,818	7.2	18 Texas	1,630,516	81,893	5.0
9 Illinois	757,002	53,724	7.1	19 Kentucky	258,498	12,776	4.9
10 Rhode Island	82,766	5,376	6.5	19 Oregon	229,936	11,373	4.9

* Data from the National Center for Education Statistics (NCES), reflecting enrollment in fall 2017, the most recent year for which data were available.

1.18 TOP 5 PLACES OF ORIGIN FOR THE TOP 15 U.S. STATES HOSTING INTERNATIONAL STUDENTS, 2018/19

1 CALIFORNIA	%	6 PENNSYLVANIA	%	11 WASHINGTON	%
1 China	42.1	1 China	42.5	1 China	38.7
2 India	12.6	2 India	15.4	2 Vietnam	8.1
3 South Korea	5.4	3 Saudi Arabia	5.1	3 India	6.8
4 Taiwan	3.6	4 South Korea	4.8	4 South Korea	6.4
5 Japan	3.0	5 Canada	2.4	5 Japan	5.5
State total	161,693	State total	51,818	State total	27,472
% of U.S. total	14.8	% of U.S. total	4.7	% of U.S. total	2.5
2 NEW YORK	%	7 FLORIDA	%	12 GEORGIA	%
1 China	40.9	1 China	17.0	1 China	31.5
2 India	16.9	2 India	13.5	2 India	18.2
3 South Korea	5.8	3 Venezuela	7.2	3 South Korea	8.7
4 Canada	4.0	4 Brazil	5.8	4 Nigeria	2.3
5 Taiwan	2.0	5 Saudi Arabia	4.6	5 Vietnam	2.0
State total	124,277	State total	45,957	State total	23,623
% of U.S. total	11.3	% of U.S. total	4.2	% of U.S. total	2.2
3 TEXAS	%	8 OHIO	%	13 NEW JERSEY	%
1 India	24.3	1 China	44.3	1 China	39.5
2 China	18.9	2 India	15.8	2 India	30.1
3 Mexico	7.6	3 Saudi Arabia	6.9	3 South Korea	3.8
4 Vietnam	5.8	4 South Korea	3.3	4 Canada	1.8
5 Nepal	4.1	5 Vietnam	1.8	5 Taiwan	1.3
State total	81,893	State total	37,314	State total	23,456
% of U.S. total	7.5	% of U.S. total	3.4	% of U.S. total	2.1
4 MASSACHUSETTS	%	9 MICHIGAN	%	14 ARIZONA	%
1 China	35.6	1 China	32.8	1 China	34.6
2 India	17.7	2 India	20.3	2 India	27.3
3 South Korea	4.2	3 Canada	5.5	3 Saudi Arabia	6.8
4 Canada	3.6	4 South Korea	5.4	4 Kuwait	4.0
5 Vietnam	2.2	5 Saudi Arabia	5.3	5 South Korea	2.5
State total	71,098	State total	33,236	State total	22,741
% of U.S. total	6.5	% of U.S. total	3.0	% of U.S. total	2.1
5 ILLINOIS	%	10 INDIANA	%	15 MISSOURI	%
1 China	33.9	1 China	31.3	1 China	31.3
2 India	25.2	2 India	25.3	2 India	26.6
3 South Korea	5.7	3 South Korea	5.9	3 Saudi Arabia	6.1
4 Taiwan	2.3	4 Saudi Arabia	5.5	4 South Korea	3.6
5 Saudi Arabia	2.1	5 Taiwan	2.3	5 Vietnam	2.2
State total	53,724	State total	29,083	State total	22,428
% of U.S. total	4.9	% of U.S. total	2.7	% of U.S. total	2.0

1.19 TOP 50 METROPOLITAN AREAS* HOSTING INTERNATIONAL STUDENTS, 2017/18 & 2018/19

	No. of institutions	2017/18 students	2018/19 students	% of total	% change	
1	New York–Newark–Jersey City, NY–NJ–PA metro area	111	99,511	102,103	9.3	2.6
2	Los Angeles–Long Beach–Anaheim, CA metro area	69	71,499	71,021	6.5	-0.7
3	Boston–Cambridge–Newton, MA–NH metro area	50	58,972	61,422	5.6	4.2
4	Chicago–Naperville–Elgin, IL–IN–WI metro area	56	33,160	33,588	3.1	1.3
5	Dallas–Fort Worth–Arlington, TX metro area	24	29,225	28,825	2.6	-1.4
6	Washington–Arlington–Alexandria, DC–VA–MD–WV metro area	25	26,833	27,660	2.5	3.1
7	San Francisco–Oakland–Hayward, CA metro area	32	27,913	27,075	2.5	-3.0
8	Philadelphia–Camden–Wilmington, PA–NJ–DE–MD metro area	40	26,496	25,969	2.4	-2.0
9	Seattle–Tacoma–Bellevue, WA metro area	30	22,452	22,064	2.0	-1.7
10	Houston–The Woodlands–Sugar Land, TX metro area	18	21,115	20,054	1.8	-5.0
11	San Jose–Sunnyvale–Santa Clara, CA metro area	15	18,473	19,139	1.7	3.6
12	San Diego–Carlsbad, CA metro area	17	16,586	16,914	1.5	2.0
13	Phoenix–Mesa–Scottsdale, AZ metro area	16	16,287	15,899	1.5	-2.4
14	Pittsburgh, PA metro area	19	15,242	15,141	1.4	-0.7
15	Atlanta–Sandy Springs–Roswell, GA metro area	18	14,400	14,979	1.4	4.0
16	Miami–Fort Lauderdale–West Palm Beach, FL metro area	16	15,139	14,681	1.3	-3.0
17	Champaign–Urbana, IL metro area	2	13,670	13,697	1.3	0.2
18	Lafayette–West Lafayette, IN metro area	1	11,044	10,943	1.0	-0.9
19	Baltimore–Columbia–Towson, MD metro area	16	10,367	10,908	1.0	5.2
20	Ann Arbor, MI metro area	2	9,242	9,410	0.9	1.8
21	State College, PA metro area	1	8,636	9,396	0.9	8.8
22	Sacramento–Roseville–Arden–Arcade, CA metro area	7	8,416	9,302	0.8	10.5
23	Minneapolis–St. Paul–Bloomington, MN–WI metro area	21	9,402	9,157	0.8	-2.6
24	Columbus, OH metro area	11	8,134	9,125	0.8	12.2
25	Tampa–St. Petersburg–Clearwater, FL metro area	8	8,630	8,636	0.8	0.1
26	St. Louis, MO–IL metro area	20	7,702	8,502	0.8	10.4
27	Rochester, NY metro area	12	8,310	8,500	0.8	2.3
28	Cincinnati, OH–KY–IN metro area	8	8,299	8,457	0.8	1.9
29	Buffalo–Cheektowaga–Niagara Falls, NY metro area	9	8,069	8,056	0.7	-0.2
30	Austin–Round Rock, TX metro area	7	7,922	7,887	0.7	-0.4
31	Madison, WI metro area	4	7,297	7,618	0.7	4.4
32	Detroit–Warren–Dearborn, MI metro area	14	7,275	7,467	0.7	2.6
33	Ithaca, NY metro area	3	6,986	7,425	0.7	6.3
34	Gainesville, FL metro area	2	7,193	7,198	0.7	0.1
35	Lansing–East Lansing, MI metro area	2	7,746	7,174	0.7	-7.4
36	College Station–Bryan, TX metro area	1	6,894	7,163	0.7	3.9
37	Durham–Chapel Hill, NC metro area	4	6,473	7,047	0.6	8.9
38	Syracuse, NY metro area	9	6,765	7,036	0.6	4.0
39	Campbellsville, KY Micro Area	1	3,440	6,879	0.6	100.0
40	Bloomington, IN metro area	1	7,343	6,872	0.6	-6.4
41	Raleigh, NC metro area	6	6,542	6,596	0.6	0.8
42	Orlando–Kissimmee–Sanford, FL metro area	5	6,334	6,529	0.6	3.1
43	Providence–Warwick, RI–MA metro area	15	6,442	6,329	0.6	-1.8
44	Springfield, MA metro area	12	5,536	5,968	0.5	7.8

(cont'd)

1.19 TOP 50 METROPOLITAN AREAS* HOSTING INTERNATIONAL STUDENTS, 2017/18 & 2018/19 (cont'd)

	No. of institutions	2017/18 students	2018/19 students	% of total	% change
45 Hartford–West Hartford–East Hartford, CT metro area	8	6,065	5,671	0.5	-6.5
46 New Haven–Milford, CT metro area	7	5,280	5,552	0.5	5.2
47 Cleveland–Elyria, OH metro area	13	5,373	5,462	0.5	1.7
48 Santa Maria–Santa Barbara, CA metro area	3	4,805	5,412	0.5	12.6
49 Albany–Schenectady–Troy, NY metro area	15	4,933	5,114	0.5	3.7
50 Riverside–San Bernardino–Ontario, CA metro area	11	5,010	5,024	0.5	0.3

* Metropolitan areas used in *Open Doors* are based on Core Based Statistical Areas (CBSA) defined by the U.S. Office of Management and Budget (OMB).

1.20 TOP 20 METROPOLITAN AREAS* HOSTING INTERNATIONAL STUDENTS, 2009/10–2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
1 New York, NY	60,791	61,884	64,823	69,018	77,779	84,713	93,213	97,492	99,511	102,103	2.6
2 Los Angeles, CA	42,103	43,045	45,542	50,155	54,891	59,842	66,483	70,005	71,499	71,021	-0.7
3 Boston, MA	29,276	32,969	35,532	39,829	43,801	47,895	51,072	53,979	58,972	61,422	4.2
4 Chicago, IL	19,706	21,555	22,644	24,072	26,437	28,829	32,119	33,068	33,160	33,588	1.3
5 Dallas, TX	16,054	17,472	17,646	20,039	20,414	23,588	26,972	29,374	29,225	28,825	-1.4
6 Washington, DC	19,530	18,224	18,763	20,541	21,663	22,672	24,570	26,691	26,833	27,660	3.1
7 San Francisco, CA	17,633	18,444	20,439	21,956	24,030	25,204	27,417	27,449	27,913	27,075	-3.0
8 Philadelphia, PA	12,279	13,441	17,212	19,058	20,168	21,273	22,974	24,195	26,496	25,969	-2.0
9 Seattle, WA	12,174	13,147	15,020	17,213	19,391	21,133	22,684	21,990	22,452	22,064	-1.7
10 Houston, TX	17,395	17,982	17,529	17,266	16,983	18,623	20,641	20,856	21,115	20,054	-5.0
TOP 10 TOTAL	246,941	258,163	275,150	299,147	325,557	353,772	388,145	405,099	417,176	419,781	0.6
11 San Jose, CA	10,847	11,740	11,977	12,212	13,405	14,822	17,073	18,044	18,473	19,139	3.6
12 San Diego, CA	7,632	7,712	7,989	8,977	10,095	12,283	14,210	15,940	16,586	16,914	2.0
13 Phoenix, AZ	7,042	7,088	8,102	8,073	10,105	13,975	15,330	15,795	16,287	15,899	-2.4
14 Pittsburgh, PA	8,419	9,433	7,729	8,870	11,253	12,517	13,528	14,107	15,242	15,141	-0.7
15 Atlanta, GA	9,689	10,412	10,775	10,646	11,425	12,518	13,206	13,889	14,400	14,979	4.0
16 Miami, FL	11,366	10,424	11,706	11,846	12,800	13,489	14,541	15,002	15,139	14,681	-3.0
17 Champaign–Urbana, IL	7,619	8,262	9,313	10,093	11,138	11,522	12,412	12,727	13,670	13,697	0.2
18 Lafayette, IN	6,946	7,594	8,597	9,544	9,988	10,230	10,563	11,288	11,044	10,943	-0.9
19 Baltimore, MD	7,136	6,822	6,973	8,079	8,292	8,892	9,581	10,372	10,367	10,908	5.2
20 Ann Arbor, MI	7,124	6,977	7,383	7,832	8,301	8,344	8,533	9,043	9,242	9,410	1.8
TOP 20 TOTAL	330,761	344,627	365,694	395,319	432,359	472,364	517,122	541,306	557,626	561,492	0.7

* Metropolitan areas used in *Open Doors* are based on Core Based Statistical Areas (CBSA) defined by the U.S. Office of Management and Budget (OMB).

1.21 TOP 10 PLACES OF ORIGIN FOR THE TOP 15 METROPOLITAN AREAS* HOSTING INTERNATIONAL STUDENTS, 2018/19

1 NEW YORK, NY			4 CHICAGO, IL			7 SAN FRANCISCO, CA		
		%			%			%
1	China	42.2	1	China	30.2	1	China	41.7
2	India	16.8	2	India	25.4	2	India	9.4
3	South Korea	5.8	3	South Korea	4.9	3	South Korea	6.8
4	Canada	3.1	4	Canada	2.8	4	Taiwan	5.0
5	Taiwan	2.1	5	Saudi Arabia	2.6	5	Canada	2.9
6	Brazil	1.3	6	Taiwan	2.0	6	Indonesia	2.2
7	France	1.3	7	Brazil	1.5	7	Vietnam	1.9
8	Turkey	1.2	8	Vietnam	1.4	8	Japan	1.9
9	United Kingdom	1.1	9	Mexico	1.3	9	Brazil	1.7
10	Japan	1.1	10	Pakistan	1.3	10	Thailand	1.5
	Metro area total	102,103		Metro area total	33,588		Metro area total	27,075
	% of U.S. total	9.3		% of U.S. total	3.1		% of U.S. total	2.5
2 LOS ANGELES, CA			5 DALLAS, TX			8 PHILADELPHIA, PA		
		%			%			%
1	China	41.8	1	India	37.3	1	China	39.8
2	India	13.6	2	China	18.9	2	India	15.1
3	South Korea	5.9	3	Nepal	8.4	3	South Korea	4.6
4	Japan	3.4	4	Vietnam	5.1	4	Saudi Arabia	4.1
5	Taiwan	3.3	5	South Korea	3.1	5	Canada	3.0
6	Vietnam	3.0	6	Nigeria	2.1	6	Vietnam	2.6
7	Canada	2.1	7	Taiwan	2.1	7	Taiwan	1.7
8	Indonesia	1.8	8	Saudi Arabia	2.1	8	Kuwait	1.5
9	Saudi Arabia	1.7	9	Iran	1.5	9	Turkey	1.2
10	Brazil	1.4	10	Mexico	1.4	10	Brazil	1.2
	Metro area total	71,021		Metro area total	28,825		Metro area total	25,969
	% of U.S. total	6.5		% of U.S. total	2.6		% of U.S. total	2.4
3 BOSTON, MA			6 WASHINGTON, DC			9 SEATTLE, WA		
		%			%			%
1	China	35.6	1	China	35.1	1	China	42.2
2	India	17.1	2	India	14.6	2	Vietnam	8.1
3	South Korea	4.3	3	Saudi Arabia	5.7	3	India	7.3
4	Canada	3.9	4	South Korea	4.2	4	South Korea	6.9
5	Taiwan	2.2	5	Vietnam	2.2	5	Taiwan	5.8
6	Vietnam	2.0	6	Nigeria	2.0	6	Japan	4.9
7	Saudi Arabia	1.8	7	Taiwan	1.7	7	Indonesia	4.5
8	Brazil	1.6	8	Brazil	1.4	8	Hong Kong	2.7
9	Turkey	1.3	9	Canada	1.3	9	Thailand	1.5
10	United Kingdom	1.3	10	Iran	1.1	10	Saudi Arabia	1.3
	Metro area total	61,422		Metro area total	27,660		Metro area total	22,064
	% of U.S. total	5.6		% of U.S. total	2.5		% of U.S. total	2.0

[cont'd]

10 HOUSTON, TX	%	12 SAN DIEGO, CA	%	14 PITTSBURGH, PA	%
1 China	17.6	1 China	47.1	1 China	48.9
2 India	15.5	2 India	10.0	2 India	21.2
3 Vietnam	11.3	3 South Korea	4.7	3 Saudi Arabia	4.9
4 Mexico	10.3	4 Kuwait	3.9	4 South Korea	3.3
5 Nigeria	4.7	5 Taiwan	3.4	5 Taiwan	2.7
6 Venezuela	3.5	6 Japan	3.2	6 Canada	2.3
7 Pakistan	2.4	7 Saudi Arabia	2.1	7 Japan	1.2
8 South Korea	2.2	8 Vietnam	1.9	8 Singapore	0.9
9 Nepal	1.8	9 Germany	1.8	9 Turkey	0.9
10 Taiwan	1.6	10 Brazil	1.6	10 Iran	0.7
Metro area total	20,054	Metro area total	16,914	Metro area total	15,141
% of U.S. total	1.8	% of U.S. total	1.5	% of U.S. total	1.4
11 SAN JOSE, CA	%	13 PHOENIX, AZ	%	15 ATLANTA, GA	%
1 China	28.2	1 India	35.4	1 China	30.8
2 India	22.7	2 China	33.1	2 India	22.2
3 Vietnam	4.9	3 Saudi Arabia	5.7	3 South Korea	8.8
4 South Korea	4.3	4 Kuwait	3.0	4 Vietnam	2.3
5 Taiwan	3.5	5 South Korea	2.3	5 Nigeria	2.1
6 Canada	3.4	6 Taiwan	2.1	6 Taiwan	1.6
7 Japan	2.6	7 Iran	1.3	7 Brazil	1.5
8 Indonesia	2.0	8 United Arab Emirates	1.2	8 France	1.4
9 Brazil	1.5	9 Canada	1.2	9 Iran	1.3
10 France	1.5	10 Japan	1.1	10 Canada	1.3
Metro area total	19,139	Metro area total	15,899	Metro area total	14,979
% of U.S. total	1.7	% of U.S. total	1.5	% of U.S. total	1.4

* Metropolitan areas in *Open Doors* based on Core Based Statistical Areas (CBSA) defined by the U.S. Office of Management and Budget (OMB).

1.22 INTERNATIONAL STUDENTS BY ACADEMIC LEVEL, SECTOR, AND SIZE OF INSTITUTION, 2018/19

	% of international student enrollment				All levels
	Undergraduate	Graduate	Non-degree	OPT	
Sector					
Public	68.2	56.3	72.1	60.1	62.0
Private not-for-profit	30.5	42.9	26.4	38.5	36.6
Private for-profit	1.3	0.8	1.5	1.4	1.3
Size of institution					
Very small (under 1,000)	0.9	1.0	0.4	0.5	1.0
Small (1,000–4,999)	12.7	4.4	9.2	6.5	9.4
Mid-size (5,000–9,999)	12.1	10.7	12.7	12.7	12.2
Large (10,000–19,999)	20.1	19.8	22.2	21.2	20.4
Very large (20,000 and above)	54.3	64.2	55.5	59.2	57.1
TOTAL INTERNATIONAL STUDENTS	431,930	377,943	62,341	223,085	1,095,299

Note: Percent distributions may not sum to 100.0 because of rounding.

1.23 INTERNATIONAL STUDENTS BY INSTITUTIONAL TYPE* AND ACADEMIC LEVEL, 2018/19

	Enrollment	% of total	Academic level (%)			
			Undergraduate	Graduate	Non-degree	OPT
Doctorate-granting universities	791,777	72.3	60.4	87.2	63.9	80.0
Master's colleges & universities	147,090	13.4	13.8	9.6	16.2	15.0
Baccalaureate colleges	35,614	3.3	6.4	0.3	3.4	1.3
Associate's colleges	86,351	7.9	16.2	0.0	14.8	1.4
Special focus institutions	34,467	3.1	3.2	2.9	1.7	2.2
TOTAL INTERNATIONAL STUDENTS	1,095,299	100.0	100.0	100.0	100.0	100.0

Note: Percent distributions may not sum to 100.0 because of rounding.

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*.

For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.24 INTERNATIONAL STUDENTS BY INSTITUTIONAL TYPE*, 2017/18 & 2018/19

	2017/18 students	2018/19 students	% change
Doctorate-granting universities	782,246	791,777	1.2
Doctoral universities (very high research activity)	586,261	602,075	2.7
Doctoral universities (high research activity)	144,105	140,943	-2.2
Doctoral/professional universities	51,880	48,759	-6.0
Master's colleges & universities	149,096	147,090	-1.3
Master's colleges & universities (larger programs)	123,318	122,008	-1.1
Master's colleges & universities (medium programs)	16,691	16,029	-4.0
Master's colleges & universities (small programs)	9,087	9,053	-0.4
Baccalaureate colleges	34,886	35,614	2.1
Baccalaureate colleges (arts and sciences focus)	22,892	23,262	1.6
Baccalaureate colleges (diverse fields)	11,994	12,352	3.0
Associate's colleges	94,170	86,351	-8.3
Associate's colleges (high transfer)	44,821	41,344	-7.8
Associate's colleges (high career and technical)	6,547	5,964	-8.9
Associate's colleges (mixed transfer/career and technical)	16,073	14,953	-7.0
Baccalaureate/associate's colleges	26,729	24,090	-9.9
Special focus institutions	34,394	34,467	0.2
Arts, music, and design schools	20,509	21,259	3.7
Business and management schools	5,191	4,764	-8.2
Engineering schools	683	674	-1.3
Faith-related institutions	1,224	1,198	-2.1
Law schools	50	40	-20.0
Medical schools and centers	4,237	4,144	-2.2
Other health professions schools	2,344	2,215	-5.5
Other special focus institutions	67	82	22.4
Other technology-related schools	89	91	2.2
Tribal colleges	0	0	0.0
ALL INSTITUTIONS	1,094,792	1,095,299	0.05

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.25 TOP 25 PLACES OF ORIGIN OF INTERNATIONAL STUDENTS BY INSTITUTIONAL TYPE*, 2018/19

	Doctorate-granting universities		Master's colleges & universities		Baccalaureate colleges		Associate's colleges		Special focus institutions					
		%		%		%		%		%				
1	China	38.1	India	25.9	China	27.0	China	18.6	China	36.0				
2	India	18.5	China	17.8	India	5.7	Vietnam	11.0	South Korea	12.1				
3	South Korea	4.6	Saudi Arabia	7.1	South Korea	4.7	Japan	5.8	India	10.3				
4	Saudi Arabia	3.2	South Korea	4.4	Canada	4.4	South Korea	5.6	Canada	4.8				
5	Canada	2.4	Vietnam	2.8	Vietnam	4.2	Mexico	3.9	Taiwan	3.5				
6	Taiwan	2.1	Japan	2.4	Japan	3.8	Brazil	3.9	Saudi Arabia	1.7				
7	Iran	1.4	Canada	2.1	United Kingdom	2.5	Nepal	3.7	Mexico	1.5				
8	Vietnam	1.3	Nepal	2.1	Brazil	2.1	Venezuela	3.1	Brazil	1.4				
9	Brazil	1.2	Taiwan	2.0	Pakistan	1.7	India	2.6	Vietnam	1.4				
10	Mexico	1.2	Nigeria	1.8	Nepal	1.7	Taiwan	2.1	Japan	1.3				
11	Japan	1.1	Brazil	1.5	Mexico	1.6	Nigeria	2.0	Turkey	1.2				
12	Nigeria	1.1	Germany	1.5	Saudi Arabia	1.5	Saudi Arabia	1.7	Germany	1.2				
13	Turkey	1.0	United Kingdom	1.3	Spain	1.4	Indonesia	1.7	Colombia	1.1				
14	United Kingdom	1.0	Mexico	1.1	Germany	1.3	Colombia	1.6	Hong Kong	1.1				
15	Kuwait	1.0	France	1.0	Nigeria	1.2	Hong Kong	1.2	Nigeria	1.0				
16	Bangladesh	0.9	Spain	0.9	France	1.1	Canada	1.2	United Kingdom	1.0				
17	Nepal	0.9	Colombia	0.8	Taiwan	1.1	Pakistan	1.0	Thailand	0.9				
18	France	0.8	Kuwait	0.8	Philippines	1.0	Turkey	0.9	Indonesia	0.8				
19	Malaysia	0.7	Malaysia	0.8	Bahamas	1.0	Sweden	0.9	Italy	0.7				
20	Germany	0.7	Venezuela	0.7	Hong Kong	1.0	Thailand	0.9	Venezuela	0.7				
21	Indonesia	0.7	Pakistan	0.7	Ghana	0.9	El Salvador	0.7	Singapore	0.6				
22	Pakistan	0.7	Turkey	0.6	Kenya	0.8	France	0.7	France	0.6				
23	Spain	0.6	Indonesia	0.6	Australia	0.8	Kenya	0.7	Spain	0.5				
24	Colombia	0.6	Sweden	0.6	Colombia	0.8	Russia	0.7	Philippines	0.5				
25	Italy	0.6	Thailand	0.6	Jamaica	0.7	Philippines	0.7	Israel	0.5				
WORLD TOTAL		791,777			147,090			35,614			86,351			34,467

Read table as: "Of the 791,777 international students enrolled at doctoral institutions, 38.1 percent are from China."

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*.

For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.26 HIGHER EDUCATION RECEIPTS FOR SELECTED PLACES OF ORIGIN, 2010–2018

(millions of U.S. dollars)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	% of total	% change
WORLD TOTAL	20,937	22,823	24,710	27,241	30,795	35,760	39,425	42,400	44,715	100.0	5.5
China	4,014	5,123	6,420	8,041	9,793	11,429	12,551	13,889	14,913	33.4	7.4
India	3,199	3,269	3,273	3,272	3,648	5,014	6,543	7,521	8,137	18.2	8.2
European Union	1,820	1,895	1,983	2,057	2,224	2,452	2,584	2,754	2,831	6.3	2.8
South Korea	2,146	2,265	2,307	2,310	2,333	2,303	2,251	2,286	2,191	4.9	-4.2
Saudi Arabia	452	688	1,016	1,334	1,747	2,061	2,160	1,876	1,751	3.9	-6.7
Canada	903	915	922	971	1,054	1,076	1,088	1,141	1,126	2.5	-1.3
Vietnam	*	*	*	542	585	694	818	881	999	2.2	13.4
Taiwan	777	758	731	707	712	739	774	824	902	2.0	9.5
Japan	709	640	613	595	605	620	636	627	656	1.5	4.6
Mexico	*	433	450	473	508	605	617	633	627	1.4	-0.9
Brazil	*	265	280	340	473	820	676	477	558	1.2	17.0

* Data not available from the U.S. Department of Commerce

Source: Bureau of Economic Analysis, U.S. Department of Commerce, www.bea.gov/international

1.27 FINANCIAL CONTRIBUTIONS OF INTERNATIONAL STUDENTS TO U.S. STATES AND TERRITORIES, 2018/19

	Total int'l students	Total \$ contribution		Total int'l students	Total \$ contribution		Total int'l students	Total \$ contribution
Alabama	9,326	313,693,885	Louisiana	7,428	264,879,380	Oklahoma	7,935	262,457,405
Alaska	406	14,143,068	Maine	1,335	51,118,044	Oregon	11,373	427,422,591
Arizona	22,741	727,600,266	Maryland	20,345	796,095,509	Pennsylvania	51,818	2,069,365,940
Arkansas	6,817	156,356,951	Massachusetts	71,098	3,213,960,406	Puerto Rico	505	9,906,861
California	161,693	6,818,109,371	Michigan	33,236	1,193,677,673	Rhode Island	5,376	263,653,038
Colorado	11,888	470,712,202	Minnesota	15,279	482,542,587	South Carolina	6,064	205,927,424
Connecticut	14,832	588,866,386	Mississippi	3,312	84,607,326	South Dakota	2,064	45,375,976
Delaware	7,395	180,454,754	Missouri	22,428	637,768,257	Tennessee	9,267	348,313,176
D.C.	12,545	587,427,752	Montana	1,581	52,470,559	Texas	81,893	2,212,543,705
Florida	45,957	1,585,311,560	Nebraska	5,628	177,578,945	Utah	7,946	219,261,254
Georgia	23,623	850,555,471	Nevada	2,520	80,827,280	Vermont	1,692	80,592,124
Hawaii	4,078	120,965,482	New Hampshire	4,333	143,537,497	Virgin Islands	68	1,697,708
Idaho	3,429	82,775,072	New Jersey	23,456	823,149,373	Virginia	20,452	757,910,686
Illinois	53,724	1,946,534,716	New Mexico	3,208	90,951,007	Washington	27,472	956,133,414
Indiana	29,083	985,429,644	New York	124,277	5,311,151,048	West Virginia	4,152	131,714,060
Iowa	12,624	409,669,885	North Carolina	21,954	722,307,618	Wisconsin	13,067	448,502,787
Kansas	9,339	271,195,466	North Dakota	2,114	53,445,006	Wyoming	1,033	25,801,991
Kentucky	12,776	444,631,209	Ohio	37,314	1,277,034,932	U.S. TOTAL	1,095,299	40,478,115,728

Source: NAFFSA: Association of International Educators. For more information, see <http://www.nafsa.org/economicvalue>.

1.28 INTERNATIONAL STUDENTS' PRIMARY SOURCE OF FUNDING BY ACADEMIC LEVEL, 2018/19

	Students	% of total	Academic level (%)			
			Undergraduate	Graduate	Non-degree	OPT
International funding sources	677,942	61.9	90.5	62.1	84.5	0.0
Personal and family	623,901	57.0	83.5	57.8	71.8	0.0
Foreign government or university	46,937	4.3	6.3	3.3	11.3	0.0
Foreign private sponsor	6,196	0.6	0.6	0.8	1.3	0.0
International organization	908	0.1	0.1	0.2	0.1	0.0
U.S. funding sources	413,592	37.8	9.2	37.4	14.6	100.0
Current employment	225,378	20.6	0.0	0.5	0.2	100.0
U.S. college or university*	183,647	16.8	8.8	36.4	12.5	0.0
U.S. private sponsor	2,632	0.2	0.3	0.2	1.2	0.0
U.S. government	1,935	0.2	0.1	0.3	0.7	0.0
Other sources	3,765	0.3	0.3	0.5	0.9	0.0
TOTAL INTERNATIONAL STUDENTS	1,095,299	100.0	431,930	377,943	62,341	223,085

Read table as: "Of the 431,930 international undergraduate students, 83.5 percent rely primarily on personal and family funds to pay for their studies."

* Funding from U.S. colleges or universities includes teaching and research assistantships, which are often federal government research grants disbursed to the student through the institution.

Note: Percent distributions may not sum to 100.0 because of rounding.

1.29 INTERNATIONAL STUDENTS' PRIMARY SOURCE OF FUNDING BY INSTITUTIONAL TYPE*, 2018/19

	% of students				
	Doctoral universities	Master's colleges & universities	Baccalaureate colleges	Associate's colleges	Special focus institutions
International funding sources	58.4	67.0	55.9	92.4	64.8
Personal and family	53.7	58.3	49.1	89.8	62.1
Foreign government or university	4.1	8.2	4.6	1.9	2.0
Foreign private sponsor	0.5	0.4	2.1	0.7	0.6
International organization	0.1	0.1	0.1	0.0	0.1
U.S. funding sources	41.3	32.4	43.8	7.4	34.0
Current employment	22.3	24.2	8.8	3.9	17.3
U.S. college or university**	18.8	7.9	33.6	2.2	15.6
U.S. private sponsor	0.1	0.2	1.3	0.7	1.0
U.S. government	0.1	0.1	0.1	0.6	0.1
Other sources	0.3	0.6	0.3	0.2	1.2
TOTAL INTERNATIONAL STUDENTS	791,777	147,090	35,614	86,351	34,467

Read table as: "Of the 791,777 international students enrolled at doctorate institutions, 53.7 percent rely primarily on personal and family funds to pay for their studies."

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*.

For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** Funding from U.S. colleges or universities includes teaching and research assistantships, which are often federal government research grants disbursed to the student through the institution.

1.30 TOP 25 INSTITUTIONS HOSTING INTERNATIONAL STUDENTS, 2017/18 & 2018/19

				2017/18	2018/19	% change
1	New York University	New York	NY	17,552	19,605	11.7
2	University of Southern California	Los Angeles	CA	16,075	16,340	1.6
3	Northeastern University—Boston	Boston	MA	14,905	16,075	7.8
4	Columbia University	New York	NY	14,615	15,897	8.8
5	University of Illinois—Urbana-Champaign	Champaign	IL	13,445	13,497	0.4
6	Arizona State University—Tempe	Tempe	AZ	13,459	13,324	-1.0
7	University of California—Los Angeles	Los Angeles	CA	12,017	11,942	-0.6
8	Purdue University—West Lafayette	West Lafayette	IN	11,044	10,943	-0.9
9	University of California—San Diego	La Jolla	CA	9,883	10,652	7.8
10	Boston University	Boston	MA	9,742	10,598	8.8
11	University of California—Berkeley	Berkeley	CA	9,331	10,063	7.8
12	University of Texas—Dallas	Richardson	TX	9,713	9,401	-3.2
13	Pennsylvania State University—University Park	University Park	PA	8,636	9,396	8.8
14	University of Washington	Seattle	WA	8,902	9,311	4.6
15	University of Michigan—Ann Arbor	Ann Arbor	MI	8,442	8,726	3.4
16	Carnegie Mellon University	Pittsburgh	PA	8,604	8,669	0.8
17	University of California—Irvine	Irvine	CA	7,902	8,064	2.1
18	University of California—Davis	Davis	CA	7,316	8,048	10.0
19	Ohio State University—Columbus	Columbus	OH	7,110	8,020	12.8
20	Cornell University	Ithaca	NY	6,775	7,214	6.5
21	University of Wisconsin—Madison	Madison	WI	7,080	7,189	1.5
22	Texas A&M University—College Station	College Station	TX	6,894	7,163	3.9
23	SUNY University at Buffalo	Buffalo	NY	7,126	7,121	-0.1
24	University of Pennsylvania	Philadelphia	PA	6,819	7,062	3.6
25	Michigan State University	East Lansing	MI	7,624	7,052	-7.5
TOP 25 TOTAL (23.9% of all international students)				251,011	261,372	4.1

**1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS,
RANKED BY INTERNATIONAL STUDENT TOTAL, 2018/19**

				Total int'l students
1	New York University	New York	NY	19,605
2	University of Southern California	Los Angeles	CA	16,340
3	Northeastern University—Boston	Boston	MA	16,075
4	Columbia University	New York	NY	15,897
5	University of Illinois—Urbana-Champaign	Champaign	IL	13,497
6	Arizona State University—Tempe	Tempe	AZ	13,324
7	University of California—Los Angeles	Los Angeles	CA	11,942
8	Purdue University—West Lafayette	West Lafayette	IN	10,943
9	University of California—San Diego	La Jolla	CA	10,652
10	Boston University	Boston	MA	10,598
11	University of California—Berkeley	Berkeley	CA	10,063

(cont'd)

1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS, 2018/19 (cont'd)

				Total int'l students
12	University of Texas—Dallas	Richardson	TX	9,401
13	Pennsylvania State University—University Park	University Park	PA	9,396
14	University of Washington	Seattle	WA	9,311
15	University of Michigan—Ann Arbor	Ann Arbor	MI	8,726
16	Carnegie Mellon University	Pittsburgh	PA	8,669
17	University of California—Irvine	Irvine	CA	8,064
18	University of California—Davis	Davis	CA	8,048
19	Ohio State University—Columbus	Columbus	OH	8,020
20	Cornell University	Ithaca	NY	7,214
21	University of Wisconsin—Madison	Madison	WI	7,189
22	Texas A&M University—College Station	College Station	TX	7,163
23	SUNY University at Buffalo	Buffalo	NY	7,121
24	University of Pennsylvania	Philadelphia	PA	7,062
25	Michigan State University	East Lansing	MI	7,052
26	Rutgers University—New Brunswick	New Brunswick	NJ	6,983
27	University of Minnesota—Twin Cities	Minneapolis	MN	6,912
28	University of Florida	Gainesville	FL	6,881
29	Campbellsville University	Campbellsville	KY	6,879
30	Indiana University—Bloomington	Bloomington	IN	6,872
31	Georgia Institute of Technology	Atlanta	GA	6,656
32	University of Maryland—College Park	College Park	MD	6,464
33	University of Texas—Arlington	Arlington	TX	6,435
34	University of Texas—Austin	Austin	TX	6,393
35	University of South Florida—Tampa	Tampa	FL	6,351
36	Harvard University	Cambridge	MA	6,222
37	North Carolina State University	Raleigh	NC	6,157
38	San Jose State University	San Jose	CA	5,964
39	Syracuse University	Syracuse	NY	5,957
40	Johns Hopkins University	Baltimore	MD	5,952
41	Stanford University	Stanford	CA	5,860
42	SUNY Stony Brook University	Stony Brook	NY	5,719
43	Northwestern University	Evanston	IL	5,665
44	Houston Community College System	Houston	TX	5,645
45	University of Houston	Houston	TX	5,344
46	George Washington University	Washington	DC	5,320
47	Illinois Institute of Technology	Chicago	IL	5,293
48	University of Illinois—Chicago	Chicago	IL	5,290
49	Massachusetts Institute of Technology	Cambridge	MA	5,068
50	University of Arizona	Tucson	AZ	4,691
51	Iowa State University	Ames	IA	4,610
52	Duke University and Medical Center	Durham	NC	4,600
53	The New School	New York	NY	4,495
54	University of Cincinnati	Cincinnati	OH	4,460
54	Virginia Polytechnic Institute and State University	Blacksburg	VA	4,460
56	University of Chicago	Chicago	IL	4,446
57	Academy of Art University	San Francisco	CA	4,405

(cont'd)

1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS, 2018/19 (cont'd)

				Total int'l students
58	University of California—Santa Barbara	Santa Barbara	CA	4,400
59	University of Pittsburgh—Pittsburgh	Pittsburgh	PA	4,339
60	Florida International University	Miami	FL	4,196
61	University of Connecticut	Storrs	CT	4,172
62	University of Rochester	Rochester	NY	4,168
63	University of Massachusetts—Amherst	Amherst	MA	4,153
64	Washington University in St. Louis	Saint Louis	MO	3,993
65	George Mason University	Fairfax	VA	3,985
66	Oregon State University—Corvallis	Corvallis	OR	3,946
67	Savannah College of Art and Design	Savannah	GA	3,879
68	University of Colorado—Boulder	Boulder	CO	3,789
69	Stevens Institute of Technology	Hoboken	NJ	3,709
70	Rochester Institute of Technology	Rochester	NY	3,695
71	University of Iowa	Iowa City	IA	3,665
72	University of Central Missouri	Warrensburg	MO	3,638
73	Yale University	New Haven	CT	3,636
74	Temple University	Philadelphia	PA	3,627
75	University of Miami	Coral Gables	FL	3,527
76	Drexel University	Philadelphia	PA	3,424
77	University of Central Florida	Orlando	FL	3,415
78	California State University—Fullerton	Fullerton	CA	3,330
79	Fordham University	Bronx	NY	3,329
80	New Jersey Institute of Technology	Newark	NJ	3,264
81	University of Delaware	Newark	DE	3,247
82	SUNY Binghamton University	Binghamton	NY	3,185
83	Lone Star College System	The Woodlands	TX	3,165
84	Georgetown University	Washington	DC	3,147
85	Emory University	Atlanta	GA	3,126
86	Santa Monica College	Santa Monica	CA	3,062
87	University of Nebraska—Lincoln	Lincoln	NE	3,055
88	Texas A&M University—Kingsville	Kingsville	TX	3,048
89	University of Virginia—Charlottesville	Charlottesville	VA	3,028
90	Miami University—Oxford	Oxford	OH	2,989
91	University of North Texas	Denton	TX	2,964
92	Auburn University—Auburn	Auburn	AL	2,955
93	Wayne State University	Detroit	MI	2,904
94	University of North Carolina—Charlotte	Charlotte	NC	2,900
95	Kent State University—Kent	Kent	OH	2,875
96	Georgia State University	Atlanta	GA	2,869
97	California State University—Long Beach	Long Beach	CA	2,825
98	CUNY Baruch College	New York	NY	2,821
99	Texas Tech University	Lubbock	TX	2,820
100	California State University—Northridge	Northridge	CA	2,813
101	Case Western Reserve University	Cleveland	OH	2,786
102	University of Oregon	Eugene	OR	2,778
103	San Diego State University	San Diego	CA	2,766

(cont'd)

1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS, 2018/19 (cont'd)

				Total int'l students
104	Wilmington University	New Castle	DE	2,763
105	University of Utah	Salt Lake City	UT	2,716
106	School of Visual Arts	New York	NY	2,615
107	Pace University—New York	New York	NY	2,546
108	De Anza College	Cupertino	CA	2,515
109	University of Kansas	Lawrence	KS	2,471
110	Indiana University—Purdue University Indianapolis	Indianapolis	IN	2,447
111	University of Georgia	Athens	GA	2,427
112	Colorado State University	Fort Collins	CO	2,416
112	Florida State University	Tallahassee	FL	2,416
114	Princeton University	Princeton	NJ	2,393
115	Boston College	Chestnut Hill	MA	2,373
116	University of North Carolina—Chapel Hill	Chapel Hill	NC	2,335
117	Pratt Institute	Brooklyn	NY	2,307
118	Rice University	Houston	TX	2,304
119	Western Michigan University	Kalamazoo	MI	2,265
120	Southern Methodist University	Dallas	TX	2,253
121	University of Missouri—Columbia	Columbia	MO	2,247
122	Washington State University	Pullman	WA	2,240
123	West Virginia University	Morgantown	WV	2,201
124	University of California—Riverside	Riverside	CA	2,192
125	Wichita State University	Wichita	KS	2,174
126	New York Institute of Technology—Old Westbury	Old Westbury	NY	2,170
127	University of Massachusetts—Boston	Boston	MA	2,165
128	American University	Washington	DC	2,156
129	Portland State University	Portland	OR	2,148
130	University of Toledo	Toledo	OH	2,141
131	University of California—Santa Cruz	Santa Cruz	CA	2,101
132	University of South Carolina—Columbia	Columbia	SC	2,095
133	Brown University	Providence	RI	2,092
134	Berklee College of Music	Boston	MA	2,090
135	San Francisco State University	San Francisco	CA	2,086
136	SUNY University at Albany	Albany	NY	2,071
137	Florida Institute of Technology	Melbourne	FL	2,063
138	Oklahoma State University—Stillwater	Stillwater	OK	2,055
139	University of Kentucky	Lexington	KY	2,045
140	University of Oklahoma—Norman	Norman	OK	2,022
141	Louisiana State University and A&M College	Baton Rouge	LA	2,011
142	University of Missouri—Kansas City	Kansas City	MO	1,999
143	Brandeis University	Waltham	MA	1,953
144	Rensselaer Polytechnic Institute—Troy	Troy	NY	1,911
145	University of Bridgeport	Bridgeport	CT	1,878
146	Clemson University	Clemson	SC	1,854
147	Worcester Polytechnic Institute	Worcester	MA	1,834
148	University of San Francisco	San Francisco	CA	1,833
149	Kansas State University	Manhattan	KS	1,829

(cont'd)

1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS, 2018/19 (cont'd)

			Total int'l students
150	Montgomery College	Rockville MD	1,804
151	Brigham Young University	Provo UT	1,801
152	Valencia College	Orlando FL	1,799
153	University of Arkansas— Fayetteville	Fayetteville AR	1,794
154	University of Texas— El Paso	El Paso TX	1,793
155	Miami-Dade College	Miami FL	1,749
156	DePaul University	Chicago IL	1,740
157	Vanderbilt University	Nashville TN	1,718
158	St. Cloud State University— St. Cloud	Saint Cloud MN	1,714
159	Northern Illinois University	DeKalb IL	1,707
160	University of Illinois— Springfield	Springfield IL	1,705
161	Rutgers University— Newark	Newark NJ	1,698
162	University of Massachusetts— Lowell	Lowell MA	1,682
163	University of Wisconsin— Milwaukee	Milwaukee WI	1,666
164	Santa Clara University	Santa Clara CA	1,648
165	Southern Illinois University— Carbondale	Carbondale IL	1,621
166	Northern Virginia Community College	Annandale VA	1,614
167	Suffolk University	Boston MA	1,597
168	Cleveland State University	Cleveland OH	1,596
169	Tulane University	New Orleans LA	1,585
169	Middle Tennessee State University	Murfreesboro TN	1,585
171	Minnesota State University— Mankato	Mankato MN	1,583
172	Wright State University— Dayton	Dayton OH	1,568
173	Northern Arizona University	Flagstaff AZ	1,558
174	Michigan Technological University	Houghton MI	1,530
175	University of New Mexico— Albuquerque	Albuquerque NM	1,512
176	University of Notre Dame	Notre Dame IN	1,503
176	University of Tennessee— Knoxville	Knoxville TN	1,503
178	University of Dayton	Dayton OH	1,497
179	Southern Arkansas University— Magnolia	Magnolia AR	1,483
180	Green River College	Auburn WA	1,476
181	University of Maryland— Baltimore County	Baltimore MD	1,473
182	Ohio University— Athens	Athens OH	1,458
183	Lehigh University	Bethlehem PA	1,454
184	Brigham Young University— Idaho	Rexburg ID	1,443
185	University of New Haven	West Haven CT	1,410
186	University of Texas— San Antonio	San Antonio TX	1,403
187	University of Colorado— Denver	Denver CO	1,398
188	University of Alabama— Tuscaloosa	Tuscaloosa AL	1,395
189	Orange Coast College	Costa Mesa CA	1,391
190	School of the Art Institute of Chicago	Chicago IL	1,387
191	Missouri State University	Springfield MO	1,386
192	Dartmouth College	Hanover NH	1,383
193	University of Nevada— Las Vegas	Las Vegas NV	1,366
194	Texas A&M University— Commerce	Commerce TX	1,364
195	Bentley University	Waltham MA	1,341

(cont'd)

1.31 INSTITUTIONS HOSTING 1,000 OR MORE INTERNATIONAL STUDENTS, 2018/19 (cont'd)

			Total int'l students
196	St. John's University	Queens NY	1,336
197	Virginia Commonwealth University	Richmond VA	1,324
198	Pepperdine University	Malibu CA	1,323
199	Foothill College	Los Altos Hills CA	1,320
200	Seattle Central College	Seattle WA	1,318
201	Tufts University	Medford MA	1,311
202	Fairleigh Dickinson University — Metropolitan	Teaneck NJ	1,300
203	Brigham Young University — Hawaii	Laie, Oahu HI	1,295
204	University of Denver	Denver CO	1,278
205	Babson College	Wellesley MA	1,273
206	Missouri University of Science and Technology	Rolla MO	1,257
207	The University of Tampa	Tampa FL	1,238
208	Nova Southeastern University	Fort Lauderdale FL	1,213
209	New York Film Academy — Burbank	Burbank CA	1,211
210	University of Alabama — Birmingham	Birmingham AL	1,191
210	SUNY Fashion Institute of Technology	New York NY	1,191
212	Central Michigan University	Mount Pleasant MI	1,186
213	Edmonds Community College	Lynnwood WA	1,178
214	Embry-Riddle Aeronautical University — Daytona Beach	Daytona Beach FL	1,161
215	California State University — Los Angeles	Los Angeles CA	1,151
216	Teachers College, Columbia University	New York NY	1,149
217	San Mateo County Community College	San Mateo CA	1,148
218	California State Polytechnic University — Pomona	Pomona CA	1,146
218	University of Hawaii at Manoa	Honolulu HI	1,146
220	Oakland University	Rochester MI	1,126
221	California State University — Fresno	Fresno CA	1,120
222	Monroe College	New Rochelle NY	1,114
223	Loyola Marymount University	Los Angeles CA	1,112
224	Diablo Valley College	Pleasant Hill CA	1,110
225	Richland College	Dallas TX	1,107
226	University of Michigan — Dearborn	Dearborn MI	1,104
227	University of Nebraska — Omaha	Omaha NE	1,103
228	Saint Louis University	Saint Louis MO	1,101
229	Hofstra University	Hempstead NY	1,079
230	Rhode Island School of Design	Providence RI	1,067
231	Bowling Green State University	Bowling Green OH	1,065
232	Florida Atlantic University	Boca Raton FL	1,059
233	California State University — San Bernardino	San Bernardino CA	1,037
234	ArtCenter College of Design	Pasadena CA	1,032
235	Bellevue College	Bellevue WA	1,030
236	University of New Hampshire	Durham NH	1,016
237	South Dakota State University	Brookings SD	1,002
238	Johnson and Wales University — Providence	Providence RI	1,001

1.32 TOP 40 DOCTORATE-GRANTING UNIVERSITIES* ENROLLING INTERNATIONAL STUDENTS, 2018/19

			Total int'l students
1	New York University	New York NY	19,605
2	University of Southern California	Los Angeles CA	16,340
3	Northeastern University—Boston	Boston MA	16,075
4	Columbia University	New York NY	15,897
5	University of Illinois—Urbana-Champaign	Champaign IL	13,497
6	Arizona State University—Tempe	Tempe AZ	13,324
7	University of California—Los Angeles	Los Angeles CA	11,942
8	Purdue University—West Lafayette	West Lafayette IN	10,943
9	University of California—San Diego	La Jolla CA	10,652
10	Boston University	Boston MA	10,598
11	University of California—Berkeley	Berkeley CA	10,063
12	University of Texas—Dallas	Richardson TX	9,401
13	Pennsylvania State University—University Park	University Park PA	9,396
14	University of Washington	Seattle WA	9,311
15	University of Michigan—Ann Arbor	Ann Arbor MI	8,726
16	Carnegie Mellon University	Pittsburgh PA	8,669
17	University of California—Irvine	Irvine CA	8,064
18	University of California—Davis	Davis CA	8,048
19	Ohio State University—Columbus	Columbus OH	8,020
20	Cornell University	Ithaca NY	7,214
21	University of Wisconsin—Madison	Madison WI	7,189
22	Texas A&M University—College Station	College Station TX	7,163
23	SUNY University at Buffalo	Buffalo NY	7,121
24	University of Pennsylvania	Philadelphia PA	7,062
25	Michigan State University	East Lansing MI	7,052
26	Rutgers University—New Brunswick	New Brunswick NJ	6,983
27	University of Minnesota—Twin Cities	Minneapolis MN	6,912
28	University of Florida	Gainesville FL	6,881
29	Indiana University—Bloomington	Bloomington IN	6,872
30	Georgia Institute of Technology	Atlanta GA	6,656
31	University of Maryland—College Park	College Park MD	6,464
32	University of Texas—Arlington	Arlington TX	6,435
33	University of Texas—Austin	Austin TX	6,393
34	University of South Florida—Tampa	Tampa FL	6,351
35	Harvard University	Cambridge MA	6,222
36	North Carolina State University	Raleigh NC	6,157
37	Syracuse University	Syracuse NY	5,957
38	Johns Hopkins University	Baltimore MD	5,952
39	Stanford University	Stanford CA	5,860
40	SUNY Stony Brook University	Stony Brook NY	5,719

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.33 TOP 40 MASTER'S COLLEGES & UNIVERSITIES* ENROLLING INTERNATIONAL STUDENTS, 2018/19

				Total int'l students
1	Campbellsville University	Campbellsville	KY	6,879
2	San Jose State University	San Jose	CA	5,964
3	Academy of Art University	San Francisco	CA	4,405
4	University of Central Missouri	Warrensburg	MO	3,638
5	California State University—Fullerton	Fullerton	CA	3,330
6	California State University—Long Beach	Long Beach	CA	2,825
7	CUNY Baruch College	New York	NY	2,821
8	California State University—Northridge	Northridge	CA	2,813
9	New York Institute of Technology—Old Westbury	Old Westbury	NY	2,170
10	San Francisco State University	San Francisco	CA	2,086
11	St. Cloud State University—St. Cloud	Saint Cloud	MN	1,714
12	University of Illinois—Springfield	Springfield	IL	1,705
13	Suffolk University	Boston	MA	1,597
14	Minnesota State University—Mankato	Mankato	MN	1,583
15	Southern Arkansas University—Magnolia	Magnolia	AR	1,483
16	University of New Haven	West Haven	CT	1,410
17	Bentley University	Waltham	MA	1,341
18	Fairleigh Dickinson University—Metropolitan	Teaneck	NJ	1,300
19	The University of Tampa	Tampa	FL	1,238
20	SUNY Fashion Institute of Technology	New York	NY	1,191
21	Embry-Riddle Aeronautical University—Daytona Beach	Daytona Beach	FL	1,161
22	California State University—Los Angeles	Los Angeles	CA	1,151
23	California State Polytechnic University—Pomona	Pomona	CA	1,146
24	Monroe College	New Rochelle	NY	1,114
25	University of Michigan—Dearborn	Dearborn	MI	1,104
26	California State University—San Bernardino	San Bernardino	CA	1,037
27	Johnson and Wales University—Providence	Providence	RI	1,001
28	California State University—East Bay	Hayward	CA	997
29	Northwest Missouri State University	Maryville	MO	995
30	Troy University	Troy	AL	956
30	Southern New Hampshire University	Manchester	NH	956
32	University of Central Oklahoma	Edmond	OK	930
33	Southeast Missouri State University	Cape Girardeau	MO	900
34	International Technological University	San Jose	CA	879
35	Full Sail University	Winter Park	FL	845
36	University of Washington—Bothell	Bothell	WA	793
37	Pennsylvania State University—Penn State Harrisburg	Middletown	PA	783
38	California State University—Sacramento	Sacramento	CA	776
39	Purdue University Northwest—Hammond	Hammond	IN	765
40	Rivier University	Nashua	NH	720

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.34 TOP 40 BACCALAUREATE COLLEGES* ENROLLING INTERNATIONAL STUDENTS, 2018/19

				Total int'l students
1	Brigham Young University — Idaho	Rexburg	ID	1,443
2	Brigham Young University — Hawaii	Laie, Oahu	HI	1,295
3	Mount Holyoke College	South Hadley	MA	753
4	Pennsylvania State University — Penn State Abington	Abington	PA	516
5	Franklin and Marshall College	Lancaster	PA	431
6	Smith College	Northampton	MA	421
7	University of Richmond	Richmond	VA	420
8	Drew University	Madison	NJ	412
9	Macalester College	Saint Paul	MN	406
10	Wesleyan University	Middletown	CT	405
11	Wellesley College	Wellesley	MA	382
12	Bryn Mawr College	Bryn Mawr	PA	370
13	SUNY Purchase College	Purchase	NY	368
14	Oberlin College	Oberlin	OH	364
15	Grinnell College	Grinnell	IA	351
16	Dickinson College	Carlisle	PA	349
17	Skidmore College	Saratoga Springs	NY	345
18	Bard College	Annandale-on-Hudson	NY	343
19	St. Olaf College	Northfield	MN	326
20	Trinity College	Hartford	CT	325
21	Miami University — Middletown	Middletown	OH	320
22	Colgate University	Hamilton	NY	311
23	Denison University	Granville	OH	309
24	Bucknell University	Lewisburg	PA	301
24	Middlebury College	Middlebury	VT	301
26	Missouri Valley College	Marshall	MO	297
27	Barnard College	New York	NY	292
28	College of Wooster	Wooster	OH	274
29	Lafayette College	Easton	PA	267
30	Earlham College	Richmond	IN	263
31	DePauw University	Greencastle	IN	262
32	Swarthmore College	Swarthmore	PA	256
33	Cooper Union	New York	NY	254
33	Vassar College	Poughkeepsie	NY	254
35	Carleton College	Northfield	MN	252
36	Augustana College	Rock Island	IL	246
37	Saint Lawrence University	Canton	NY	242
38	Colby College	Waterville	ME	241
38	Pennsylvania State University — Penn State Altoona	Altoona	PA	241
40	Williams College	Williamstown	MA	240

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.35 TOP 40 ASSOCIATE'S COLLEGES* ENROLLING INTERNATIONAL STUDENTS, 2018/19

				Total int'l students
1	Houston Community College System	Houston	TX	5,645
2	Lone Star College System	The Woodlands	TX	3,165
3	Santa Monica College	Santa Monica	CA	3,062
4	De Anza College	Cupertino	CA	2,515
5	Montgomery College	Rockville	MD	1,804
6	Valencia College	Orlando	FL	1,799
7	Miami-Dade College	Miami	FL	1,749
8	Northern Virginia Community College	Annandale	VA	1,614
9	Green River College	Auburn	WA	1,476
10	Orange Coast College	Costa Mesa	CA	1,391
11	Foothill College	Los Altos Hills	CA	1,320
12	Seattle Central College	Seattle	WA	1,318
13	Edmonds Community College	Lynnwood	WA	1,178
14	San Mateo County Community College	San Mateo	CA	1,148
15	Diablo Valley College	Pleasant Hill	CA	1,110
16	Richland College	Dallas	TX	1,107
17	Bellevue College	Bellevue	WA	1,030
18	Santa Barbara City College	Santa Barbara	CA	993
19	Shoreline Community College	Shoreline	WA	958
20	North Lake College	Irving	TX	920
21	Bunker Hill Community College	Boston	MA	895
22	Peralta Community College District	Oakland	CA	880
23	Pasadena City College	Pasadena	CA	862
24	Irvine Valley College	Irvine	CA	839
25	City College of San Francisco	San Francisco	CA	835
26	CUNY Borough of Manhattan Community College	New York	NY	815
27	Collin County Community College District	McKinney	TX	728
28	Broward College	Fort Lauderdale	FL	703
29	El Camino College	Torrance	CA	700
30	Kapiolani Community College	Honolulu	HI	641
31	CUNY LaGuardia Community College	Long Island City	NY	597
32	East Los Angeles College	Monterey Park	CA	595
33	Bergen Community College	Paramus	NJ	582
34	Florida National University	Hialeah	FL	536
34	Portland Community College	Portland	OR	536
34	South Seattle College	Seattle	WA	536
37	Grossmont College	El Cajon	CA	534
38	Glendale Community College	Glendale	CA	532
39	Citrus College	Glendora	CA	523
40	North Seattle College	Seattle	WA	496

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

1.36 TOP 40 SPECIAL FOCUS INSTITUTIONS* ENROLLING INTERNATIONAL STUDENTS, 2018/19

				Total int'l students
1	Savannah College of Art and Design	Savannah	GA	3,879
2	School of Visual Arts	New York	NY	2,615
3	Pratt Institute	Brooklyn	NY	2,307
4	Berklee College of Music	Boston	MA	2,090
5	School of the Art Institute of Chicago	Chicago	IL	1,387
6	Babson College	Wellesley	MA	1,273
7	New York Film Academy — Burbank	Burbank	CA	1,211
8	Rhode Island School of Design	Providence	RI	1,067
9	ArtCenter College of Design	Pasadena	CA	1,032
10	MCPHS University	Boston	MA	985
11	California College of the Arts	San Francisco	CA	885
12	The University of Texas Health Science Center — Houston	Houston	TX	685
13	Maryland Institute College of Art	Baltimore	MD	661
14	Berkeley College — New York	New York	NY	609
15	Lincoln University	Oakland	CA	528
16	Musicians Institute	Hollywood	CA	457
17	Rose-Hulman Institute of Technology	Terre Haute	IN	400
18	Loma Linda University	Loma Linda	CA	391
19	New England Conservatory of Music	Boston	MA	379
20	Ringling College of Art and Design	Sarasota	FL	302
21	The Juilliard School	New York	NY	300
22	University of Nebraska Medical Center	Omaha	NE	296
23	University of Maryland — Baltimore	Baltimore	MD	288
24	Baylor College of Medicine	Houston	TX	280
25	Otis College of Art and Design	Los Angeles	CA	241
26	Weill Cornell Medical College	New York	NY	231
27	Tufts University— Boston Health Sciences Campus	Boston	MA	222
28	The Fletcher School of Law and Diplomacy—Tufts University	Medford	MA	215
29	South Dakota School of Mines and Technology	Rapid City	SD	202
30	Boston Architectural College	Boston	MA	190
31	University of Texas Southwestern Medical Center — Dallas	Dallas	TX	187
32	American Film Institute Conservatory	Los Angeles	CA	174
32	College for Creative Studies	Detroit	MI	174
34	Trinity International University	Deerfield	IL	171
35	University of California — San Francisco	San Francisco	CA	163
36	University of North Texas Health Science Center	Fort Worth	TX	161
37	University of Massachusetts Medical School	Worcester	MA	158
38	University of Texas Health Science Center — San Antonio	San Antonio	TX	150
39	Massachusetts College of Art and Design	Boston	MA	149
40	New England College of Optometry	Boston	MA	148

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

U.S. Study Abroad

U.S. STUDY ABROAD TOTALS

- 2.1 U.S. Study Abroad Trends, Selected Years, 1989/90–2017/18 77
-

STUDENT CHARACTERISTICS

- 2.2 Profile of U.S. Study Abroad Students, 2006/07–2017/18 77
- 2.3 Number of U.S. Study Abroad Students by Field of Study, 2016/17 & 2017/18 78
- 2.4 Percent of U.S. Study Abroad Students by Field of Study, 2007/08–2017/18 79
-

DESTINATIONS

- 2.5 Top 25 Destinations of U.S. Study Abroad Students, 2016/17 & 2017/18 80
- 2.6 Host Regions of U.S. Study Abroad Students, 2006/07–2017/18 80
- 2.7 Destinations of U.S. Study Abroad Students, 2016/17 & 2017/18 81
-

INSTITUTION AND PROGRAM CHARACTERISTICS

- 2.8 U.S. Study Abroad by U.S. State, 2008/09–2017/18 84
- 2.9 U.S. Study Abroad by Students' Home Institutional Type and Sector, 2016/17 & 2017/18 85
- 2.10 Duration of Study Abroad, 2013/14–2017/18 86
- 2.11 Duration of Study Abroad by Institutional Type, 2017/18 86
- 2.12 Detailed Duration of U.S. Study Abroad, 2007/08–2017/18 86
- 2.13 Program Sponsorship; Experiential Activities During Study Abroad for Academic Credit; Financial Support, 2016/17 & 2017/18 87
- 2.14 Non-Credit Experiential Activities Abroad by Institution and Activity Type, 2017/18 88
- 2.15 Non-Credit Experiential Activities Abroad by Select Destination, 2017/18 88
-

INSTITUTIONAL RANKINGS

- 2.16 Top 25 Institutions Awarding Credit for Study Abroad, Ranked by Student Total, 2017/18 89
- 2.17A Undergraduate Participation in Study Abroad: Top 40 Doctorate-granting Universities, 2017/18 90
- 2.17B Total Number of Study Abroad Students: Top 40 Doctorate-granting Universities, 2017/18 91
- 2.18A Undergraduate Participation in Study Abroad: Top 40 Master's Colleges & Universities, 2017/18 92
- 2.18B Total Number of Study Abroad Students: Top 40 Master's Colleges & Universities, 2017/18 93
- 2.19A Undergraduate Participation in Study Abroad: Top 40 Baccalaureate Colleges, 2017/18 94
- 2.19B Total Number of Study Abroad Students: Top 40 Baccalaureate Colleges, 2017/18 95
- 2.20 Total Number of Study Abroad Students: Top Associate's Colleges & Special Focus Institutions, 2017/18 96
- 2.21 Leading Institutions by Long-term Duration of Study Abroad and Institutional Type, 2017/18 97
- 2.22 Leading Institutions by Mid-length Duration of Study Abroad and Institutional Type, 2017/18 99
- 2.23 Leading Institutions by Short-term Duration of Study Abroad and Institutional Type, 2017/18 101

2.1 U.S. STUDY ABROAD TRENDS, SELECTED YEARS, 1989/90–2017/18*

1989/90	70,727	1998/99	129,770	2005/06	223,534	2012/13	289,408
1991/92	71,154	1999/00	143,590	2006/07	241,791	2013/14	304,467
1993/94	76,302	2000/01	154,168	2007/08	262,416	2014/15	313,415
1994/95	84,403	2001/02	160,920	2008/09	260,327	2015/16	325,339
1995/96	89,242	2002/03	174,629	2009/10	270,604	2016/17	332,727
1996/97	99,448	2003/04	191,321	2010/11	273,996	2017/18	341,751
1997/98	113,959	2004/05	205,983	2011/12	283,332		

* U.S. study abroad data not collected in 1990/91 and 1992/93.

2.2 PROFILE OF U.S. STUDY ABROAD STUDENTS, 2006/07–2017/18

	% of students											
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
ACADEMIC LEVEL												
Undergraduate	89.3	89.4	88.2	85.4	85.6	86.2	86.4	87.0	87.6	87.7	87.9	87.7
Associate's	2.7	2.2	1.1	0.1	0.2	1.1	1.1	1.7	1.8	1.7	1.7	1.7
Freshman	3.3	3.5	3.4	3.5	3.3	3.3	3.8	3.9	3.9	3.6	4.0	4.2
Sophomore	12.9	13.1	13.9	13.2	12.6	13.0	13.7	13.1	13.1	12.7	13.2	12.8
Junior	36.6	35.9	36.8	35.8	35.8	36.0	34.7	33.9	33.1	32.9	33.0	33.0
Senior	21.3	21.3	21.6	21.8	23.4	24.4	24.7	25.3	26.4	27.7	27.4	28.2
Bachelor's, unspecified	12.5	13.4	11.3	11.0	10.3	8.4	8.4	9.1	9.3	9.1	8.6	7.8
Graduate	10.5	10.5	11.8	13.6	13.5	13.5	13.5	12.7	12.1	12.1	11.9	12.1
Master's	5.9	6.3	6.6	8.1	8.5	8.3	8.4	7.6	7.4	7.0	7.3	7.8
Graduate, professional	1.6	1.9	2.2	2.4	2.3	2.6	2.3	2.0	1.9	2.1	2.0	0.8
Doctoral	0.4	0.3	0.4	0.6	0.6	0.7	0.8	0.7	0.7	0.7	0.7	1.8
Graduate, unspecified	2.6	2.0	2.6	2.5	2.1	1.9	2.0	2.4	2.1	2.3	1.9	1.7
Other academic level	0.0	0.1	0.0	1.0	0.9	0.3	0.1	0.3	0.3	0.2	0.2	0.2
GENDER												
Women	65.1	65.1	64.2	63.5	64.4	64.8	65.3	65.3	66.6	66.5	67.3	67.0
Men	34.9	34.9	35.8	36.5	35.6	35.2	34.7	34.7	33.4	33.5	32.7	33.0
RACE/ETHNICITY												
White	81.9	81.8	80.5	78.7	77.8	76.4	76.3	74.3	72.9	71.6	70.8	70.0
Hispanic or Latino(a)	6.0	5.9	6.0	6.4	6.9	7.6	7.6	8.3	8.8	9.7	10.2	10.6
Asian, Native Hawaiian or other Pacific Islander	6.7	6.6	7.3	7.9	7.9	7.7	7.3	7.7	8.1	8.4	8.2	8.4
Black or African-American	3.8	4.0	4.2	4.7	4.8	5.3	5.3	5.6	5.6	5.9	6.1	6.1
Multiracial	1.2	1.2	1.6	1.9	2.1	2.5	3.0	3.6	4.1	3.9	4.3	4.4
American Indian or Alaska Native	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
DISABILITY STATUS*												
No disability	96.7	97.0	96.4	96.0	95.9	95.0	94.9	94.3	94.7	91.2	91.5	90.8
Disability	2.6	3.0	3.6	4.0	4.1	5.0	5.1	5.7	5.3	8.8	8.5	9.2

(cont'd)

2.2 PROFILE OF U.S. STUDY ABROAD STUDENTS, 2006/07–2017/18 (cont'd)

Type of disability	% of students											
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Learning disability	50.5	47.0	48.1	52.2	51.3	43.4	46.4	43.8	42.1	34.4	34.3	33.5
Mental disability	25.4	28.6	24.6	20.9	19.9	28.0	27.9	25.9	27.0	27.7	32.4	35.0
Physical disability	8.0	8.1	7.2	5.5	6.9	7.6	5.9	4.7	5.2	3.6	4.5	4.1
Sensory disability	5.8	5.3	5.1	6.5	7.3	3.8	3.8	5.0	5.0	4.4	4.4	3.1
Autism spectrum disorder**	-	-	-	-	-	-	-	-	-	1.8	2.0	2.2
Chronic health disorder**	-	-	-	-	-	-	-	-	-	23.2	16.8	16.1
Other disability	10.2	11.0	15.0	14.9	14.6	17.2	16.0	20.6	20.7	4.9	5.6	6.0
# of institutions reporting disability status	116	150	207	210	215	269	265	273	322	341	380	360
TOTAL U.S. STUDY ABROAD	241,791	262,416	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751

* Reported for the first time in 2006/07.

** Starting in 2015/16 Autism Spectrum Disorder and Chronic Health Disorder were reported separately.

Note: Percent distributions may not sum to 100.0 because of rounding.

2.3 NUMBER OF U.S. STUDY ABROAD STUDENTS BY FIELDS OF STUDY, 2016/17 & 2017/18

	2016/17	2017/18	% change		2016/17	2017/18	% change
Agriculture	8,442	9,079	7.5	Foreign language and international studies	24,189	24,225	0.1
Agriculture	4,034	4,426	9.7	Foreign languages, literatures, and linguistics	13,178	13,001	-1.3
Natural resources and conservation	4,408	4,653	5.6	International/global studies	11,011	11,224	1.9
Business	68,757	71,139	3.5	Health professions	23,536	23,750	0.9
Communications and journalism	18,707	18,748	0.2	Health professions	23,463	23,542	0.3
Communication, journalism	17,937	17,719	-1.2	Residency programs	73	208	184.9
Communications technologies/technicians	770	1,029	33.6	Humanities	12,078	12,426	2.9
Education	10,905	11,292	3.5	English language and literature/letters	8,945	9,180	2.6
Engineering	17,769	17,896	0.7	Philosophy and religious studies	2,381	2,467	3.6
Engineering	16,166	16,155	-0.1	Theology and religious vocations	752	779	3.6
Engineering technologies/technicians	741	1,035	39.7	Legal studies and law enforcement	5,214	5,107	-2.1
Transportation and materials moving	534	443	-17.0	Legal professions and studies	3,126	3,212	2.8
Construction trades	289	209	-27.7	Homeland security, law enforcement, and firefighting	2,088	1,895	-9.2
Military technologies	22	26	18.2	Math and computer science	9,336	9,956	6.6
Precision production	13	19	46.2	Mathematics and statistics	3,600	3,567	-0.9
Mechanic and repair technologies/technicians	4	9	125.0	Computer and information sciences	5,736	6,389	11.4
Fine and applied arts	21,044	23,307	10.8	Physical and life sciences	26,703	26,770	0.3
Visual and performing arts	16,281	18,079	11.0	Biological and biomedical sciences	20,212	20,572	1.8
Architecture	4,763	5,228	9.8	Physical sciences	6,106	5,898	-3.4

2.3 NUMBER OF U.S. STUDY ABROAD STUDENTS BY FIELDS OF STUDY, 2016/17 & 2017/18 (cont'd)

	2016/17	2017/18	% change		2016/17	2017/18	% change
Science technologies/technicians	385	300	-22.1	Multi/interdisciplinary studies	6,451	6,357	-1.5
Social sciences	57,081	58,581	2.6	Parks, recreation, leisure, and fitness studies	4,197	4,077	-2.9
Social sciences	28,686	28,708	0.1	Family and consumer sciences/ human sciences	2,755	3,201	16.2
Psychology	14,152	15,054	6.4	Personal and culinary services	693	423	-39.0
History	5,536	5,799	4.8	Library science	153	335	119.0
Public administration and social service professions	4,604	4,857	5.5	Reserve Officer Training Corps	55	23	-58.2
Area, ethnic, cultural, and gender studies	4,103	4,163	1.5	Basic skills	15	33	120.0
Other fields of study	22,778	23,060	1.2	Undeclared	6,188	6,415	3.7
Liberal arts and sciences/general studies	8,459	8,611	1.8	ALL FIELDS OF STUDY	332,727	341,751	2.7

Note: Percent distributions may not sum to 100.0 because of rounding.

2.4 PERCENT OF U.S. STUDY ABROAD STUDENTS BY FIELDS OF STUDY, 2007/08–2017/18

	U.S. study abroad students (%)										
	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
STEM fields*	17.6	17.7	18.9	19.8	21.1	22.5	22.6	23.9	25.2	25.8	25.6
<i>Physical or life sciences</i>	7.2	7.3	7.5	7.9	8.6	8.8	8.0	8.1	8.1	8.0	7.8
<i>Health professions</i>	4.5	4.5	4.7	5.3	5.7	6.4	6.0	6.3	7.1	7.1	6.9
<i>Engineering</i>	3.1	3.2	3.9	3.5	3.9	4.1	4.6	5.0	5.1	5.3	5.2
<i>Math or computer science</i>	1.6	1.6	1.5	1.8	1.7	1.9	2.1	2.2	2.4	2.8	2.9
<i>Agriculture</i>	1.2	1.1	1.3	1.3	1.2	1.3	1.9	2.3	2.5	2.5	2.7
Business and management	20.2	19.5	20.8	20.5	20.5	20.4	19.6	20.1	20.9	20.7	20.8
Social sciences**	21.5	20.7	22.3	22.9	22.4	22.1	18.7	17.3	17.1	17.2	17.1
Foreign language and international studies***	–	–	–	–	–	–	7.8	7.7	7.4	7.3	7.1
Fine or applied arts	8.4	7.3	8.3	8.2	7.8	7.8	7.0	6.9	6.9	6.3	6.8
Communications and journalism***	–	–	–	–	–	–	5.6	5.8	5.7	5.6	5.5
Humanities**	13.3	12.3	12.1	11.3	10.8	10.4	4.1	3.8	3.7	3.6	3.6
Education	4.1	4.0	4.1	4.2	4.1	4.0	3.7	3.5	3.4	3.3	3.3
Legal studies and law enforcement***	–	–	–	–	–	–	1.5	1.6	1.5	1.6	1.5
Foreign languages***	6.2	6.1	5.8	5.6	5.3	4.9	–	–	–	–	–
Other fields of study	5.4	8.9	3.2	4.8	5.0	5.2	6.7	6.8	6.5	6.8	6.7
Undeclared	3.3	3.5	4.5	2.7	3.0	2.7	2.6	2.6	1.9	1.9	1.9
TOTAL U.S. STUDY ABROAD	262,416	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751

* Science, Technology, Engineering, and Math

** Beginning in 2013/14, changes were made in the classification of fields of study reported in the *Open Doors* U.S. Study Abroad Survey. Figures reported in 2013/14 are not entirely comparable to prior years.

*** Beginning in 2013/14, Communications & Journalism and Legal Studies & Law Enforcement were reported separately and Foreign Language was merged with International Studies.

Note: Percent distributions may not sum to 100.0 because of rounding.

2.5 TOP 25 DESTINATIONS OF U.S. STUDY ABROAD STUDENTS, 2016/17 & 2017/18

	2016/17	2017/18	% of total	% change		2016/17	2017/18	% of total	% change
WORLD TOTAL	332,727	341,751	100.0	2.7					
1 United Kingdom	39,851	39,403	11.5	-1.1	13 Czech Republic	4,777	5,248	1.5	9.9
2 Italy	35,366	36,945	10.8	4.5	14 Greece	4,351	5,223	1.5	20.0
3 Spain	31,230	32,411	9.5	3.8	15 Denmark	4,457	4,637	1.4	4.0
4 France	16,462	17,185	5.0	4.4	16 Ecuador	4,021	4,055	1.2	0.8
5 Germany	12,585	12,250	3.6	-2.7	17 India	4,704	3,986	1.2	-15.3
6 Ireland	11,492	11,965	3.5	4.1	18 Netherlands	3,437	3,966	1.2	15.4
7 China	11,910	11,613	3.4	-2.5	19 Peru	3,695	3,939	1.2	6.6
8 Australia	10,400	10,332	3.0	-0.7	20 South Korea	3,770	3,929	1.1	4.2
9 Costa Rica	8,322	8,681	2.5	4.3	21 New Zealand	3,777	3,885	1.1	2.9
10 Japan	7,531	8,467	2.5	12.4	22 Argentina	3,422	3,805	1.1	11.2
11 South Africa	6,042	6,001	1.8	-0.7	23 Israel	2,999	3,355	1.0	11.9
12 Mexico	5,736	5,963	1.7	4.0	24 Austria	3,308	3,161	0.9	-4.4
					25 Chile	3,073	3,020	0.9	-1.7

Note: Percent distribution may not total 100.0 due to rounding.

2.6 HOST REGIONS OF U.S. STUDY ABROAD STUDENTS, 2006/07–2017/18

	U.S. study abroad students (%)											
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Africa, Sub-Saharan*	4.2	4.5	5.3	5.5	4.3	4.5	4.6	4.4	3.4	3.9	4.0	4.2
Asia	10.3	11.1	11.4	12.0	11.7	12.4	12.4	11.9	11.4	11.1	11.6	11.2
Europe	57.4	56.3	54.5	53.5	54.6	53.3	53.3	53.3	54.5	54.4	54.4	54.9
Latin America & Caribbean	15.0	15.3	15.4	15.0	14.6	15.8	15.7	16.2	16.0	16.3	15.5	14.9
Middle East & North Africa*	1.1	1.3	1.4	1.8	2.6	2.5	2.2	2.1	2.2	1.9	2.1	2.1
North America	0.6	0.4	0.5	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Oceania	5.7	5.3	5.5	5.0	4.8	4.5	4.0	3.9	4.0	4.2	4.4	4.3
Antarctica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Multiple destinations	5.6	5.7	6.0	6.5	6.8	6.4	7.3	7.7	7.9	7.6	7.5	7.9
TOTAL U.S. STUDY ABROAD	241,791	262,416	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751

* North Africa was moved from the Africa category to the Middle East category in 2010/11.

Note: Percent distribution may not total 100.0 due to rounding.

2.7 DESTINATIONS OF U.S. STUDY ABROAD STUDENTS, 2016/17 & 2017/18

	2016/17	2017/18	% of total	% change		2016/17	2017/18	% of total	% change
AFRICA, SUB-SAHARAN	13,433	14,416	4.2	7.3	Cote d'Ivoire / Ivory Coast	4	3		-25.0
Central Africa	122	81		-33.6	Gambia	39	62		59.0
Cameroon	99	57		-42.4	Ghana	1,865	2,210		18.5
Central African Republic	0	0		0.0	Guinea	2	14		600.0
Chad	0	2		-	Guinea-Bissau	1	6		500.0
Congo, Dem. Rep. of (Kinshasa)	8	6		-25.0	Liberia	30	37		23.3
Congo, Rep. of (Brazzaville)	3	5		66.7	Mali	2	3		50.0
Equatorial Guinea	7	7		0.0	Mauritania	0	2		-
Gabon	5	4		-20.0	Niger	6	0		-100.0
São Tomé and Príncipe	0	0		0.0	Nigeria	42	34		-19.0
East Africa	3,475	3,930		13.1	Saint Helena	0	0		0.0
Burundi	11	0		-100.0	Senegal	344	337		-2.0
Djibouti	0	0		0.0	Sierra Leone	56	79		41.1
Eritrea	1	0		-100.0	Togo	28	28		0.0
Ethiopia	73	207		183.6	ASIA	38,621	38,408	11.2	-0.6
Kenya	778	927		19.2	East Asia	25,977	26,814		3.2
Rwanda	380	377		-0.8	China	11,910	11,613		-2.5
Seychelles	0	0		0.0	Hong Kong	1,641	1,859		13.3
Somalia	0	10		-	Japan	7,531	8,467		12.4
South Sudan	23	0		-100.0	Macau	33	4		-87.9
Sudan	0	16		-	Mongolia	90	85		-5.6
Tanzania	1,364	1,556		14.1	South Korea	3,770	3,929		4.2
Uganda	845	837		-0.9	Taiwan	1,002	857		-14.5
Southern Africa	7,377	7,511		1.8	South and Central Asia	5,678	4,919		-13.4
Angola	2	0		-100.0	Afghanistan	3	1		-66.7
Botswana	275	252		-8.4	Bangladesh	25	43		72.0
Comoros	0	0		0.0	Bhutan	74	104		40.5
Eswatini	92	118		28.3	India	4,704	3,986		-15.3
Lesotho	23	1		-95.7	Kazakhstan	76	50		-34.2
Madagascar	145	159		9.7	Kyrgyzstan	29	63		117.2
Malawi	215	263		22.3	Maldives	0	0		0.0
Mauritius	3	22		633.3	Nepal	581	566		-2.6
Mozambique	30	48		60.0	Pakistan	6	5		-16.7
Namibia	207	237		14.5	Sri Lanka	157	85		-45.9
Reunion	0	3		-	Tajikistan	16	15		-6.3
South Africa	6,042	6,001		-0.7	Turkmenistan	0	0		0.0
Zambia	306	372		21.6	Uzbekistan	7	1		-85.7
Zimbabwe	37	35		-5.4	Southeast Asia	6,966	6,675		-4.2
West Africa	2,459	2,894		17.7	Brunei	0	0		0.0
Benin	22	64		190.9	Cambodia	466	415		-10.9
Burkina Faso	7	6		-14.3	Indonesia	555	825		48.6
Cabo Verde / Cape Verde	11	9		-18.2	Laos	23	10		-56.5

(cont'd)

2.7 DESTINATIONS OF U.S. STUDY ABROAD STUDENTS, 2016/17 & 2017/18 (cont'd)

	2016/17	2017/18	% of total	% change		2016/17	2017/18	% of total	% change
Malaysia	310	153		-50.6	Norway	670	764		14.0
Myanmar/Burma	68	29		-57.4	Poland	834	976		17.0
Philippines	464	409		-11.9	Portugal	693	857		23.7
Singapore	1,165	1,121		-3.8	Romania	297	358		20.5
Thailand	2,763	2,482		-10.2	Russia	1,499	1,321		-11.9
Timore-Leste/East Timor	5	3		-40.0	San Marino	0	0		0.0
Vietnam	1,147	1,228		7.1	Serbia	116	150		29.3
EUROPE	181,145	187,534	54.9	3.5	Slovakia	36	47		30.6
Albania	34	28		-17.6	Slovenia	103	105		1.9
Andorra	0	0		0.0	Spain	31,230	32,411		3.8
Armenia	40	24		-40.0	Sweden	1,661	1,830		10.2
Austria	3,308	3,161		-4.4	Switzerland	2,046	2,125		3.9
Azerbaijan	24	16		-33.3	Turkey	46	78		69.6
Belarus	0	0		0.0	Ukraine	14	83		492.9
Belgium	1,158	1,256		8.5	United Kingdom	39,851	39,403		-1.1
Bosnia and Herzegovina	49	130		165.3	Vatican City/Holy See	16	3		-81.3
Bulgaria	66	119		80.3	LATIN AMERICA & CARIBBEAN	51,513	50,807	14.9	-1.4
Croatia	505	733		45.1	Caribbean	11,068	8,416		-24.0
Cyprus	208	319		53.4	Anguilla	0	0		0.0
Czech Republic	4,777	5,248		9.9	Antigua And Barbuda	23	2		-91.3
Denmark	4,457	4,637		4.0	Aruba	6	3		-50.0
Estonia	170	110		-35.3	Bahamas	955	746		-21.9
Finland	458	509		11.1	Barbados	157	258		64.3
France	16,462	17,185		4.4	Bermuda	125	138		10.4
Georgia	56	90		60.7	British Virgin Islands	141	37		-73.8
Germany	12,585	12,250		-2.7	Cayman Islands	55	148		169.1
Gibraltar	0	0		0.0	Cuba	4,607	2,464		-46.5
Greece	4,351	5,223		20.0	Curacao	27	73		170.4
Hungary	1,291	1,161		-10.1	Dominica	102	68		-33.3
Iceland	1,052	1,129		7.3	Dominican Republic	2,197	1,992		-9.3
Ireland	11,492	11,965		4.1	Grenada	128	88		-31.3
Italy	35,366	36,945		4.5	Guadeloupe	39	28		-28.2
Kosovo	28	43		53.6	Haiti	754	611		-19.0
Latvia	53	75		41.5	Jamaica	1,171	1,140		-2.6
Liechtenstein	8	1		-87.5	Martinique	72	121		68.1
Lithuania	103	182		76.7	Montserrat	0	0		0.0
Luxembourg	256	284		10.9	Saint Kitts and Nevis	42	39		-7.1
Macedonia	16	9		-43.8	Saint Lucia	52	113		117.3
Malta	190	198		4.2	Saint Vincent and the Grenadines	13	2		-84.6
Moldova	7	6		-14.3	Sint Maarten	6	6		0.0
Monaco	13	0		-100.0	Trinidad and Tobago	295	277		-6.1
Montenegro	13	21		61.5	Turks and Caicos	101	62		-38.6
Netherlands	3,437	3,966		15.4					

(cont'd)

2.7 DESTINATIONS OF U.S. STUDY ABROAD STUDENTS, 2016/17 & 2017/18 (cont'd)

	2016/17	2017/18	% of total	% change		2016/17	2017/18	% of total	% change
Mexico and Central America	22,618	23,315		3.1	North Africa	1,956	1,550		-20.8
Belize	2,715	2,584		-4.8	Algeria	1	1		0.0
Costa Rica	8,322	8,681		4.3	Egypt	174	123		-29.3
El Salvador	94	62		-34.0	Libya	0	0		0.0
Guatemala	2,018	2,314		14.7	Morocco	1,770	1,411		-20.3
Honduras	703	731		4.0	Tunisia	11	15		36.4
Mexico	5,736	5,963		4.0	NORTH AMERICA	1,639	1,786	0.5	9.0
Nicaragua	1,922	1,641		-14.6	Canada	1,639	1,786		9.0
Panama	1,108	1,339		20.8	OCEANIA	14,639	14,692	4.3	0.4
South America	17,827	19,076		7.0	Australia	10,400	10,332		-0.7
Argentina	3,422	3,805		11.2	Cook Islands	1	1		0.0
Bolivia	362	293		-19.1	Fiji	218	216		-0.9
Brazil	2,078	2,699		29.9	French Polynesia	81	95		17.3
Chile	3,073	3,020		-1.7	Kiribati	2	3		50.0
Colombia	911	905		-0.7	Marshall Islands	4	8		100.0
Ecuador	4,021	4,055		0.8	Micronesia	33	0		-100.0
Falkland Islands	0	0		0.0	Nauru	0	0		0.0
French Guiana	0	0		0.0	New Caledonia	2	0		-100.0
Guyana	49	97		98.0	New Zealand	3,777	3,885		2.9
Paraguay	102	82		-19.6	Niue	0	0		0.0
Peru	3,695	3,939		6.6	Norfolk Island	0	0		0.0
Suriname	6	2		-66.7	Palau	20	34		70.0
Uruguay	107	169		57.9	Papua New Guinea	4	1		-75.0
Venezuela	1	10		900.0	Samoa	66	79		19.7
MIDDLE EAST & NORTH AFRICA	6,901	7,207	2.1	4.4	Solomon Islands	10	3		-70.0
Middle East	4,945	5,657		14.4	Tonga	21	21		0.0
Bahrain	27	50		85.2	Tuvalu	0	0		0.0
Iran	1	2		100.0	Vanuatu	0	14		-
Iraq	2	3		50.0	Wallis and Futuna	0	0		0.0
Israel	2,999	3,355		11.9	ANTARCTICA	46	10	0.0	-78.3
Jordan	735	1,017		38.4	MULTI-DESTINATION	24,790	26,891	7.9	8.5
Kuwait	13	0		-100.0	WORLD TOTAL	332,727	341,751	100.0	2.7
Lebanon	56	64		14.3					
Oman	102	96		-5.9					
Palestinian Territories	17	27		58.8					
Qatar	108	96		-11.1					
Saudi Arabia	20	8		-60.0					
Syria	0	0		0.0					
United Arab Emirates	865	939		8.6					
Yemen	0	0		0.0					

2.8 U.S. STUDY ABROAD BY U.S. STATE, 2008/09–2017/18

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	% change from 2016/17
Alabama	2,135	2,320	2,479	2,834	2,665	2,702	3,014	3,562	3,795	3,996	5.3
Alaska	106	94	93	88	81	112	102	82	72	73	1.4
Arizona	3,849	4,185	3,481	3,645	3,981	3,821	4,415	4,657	4,936	5,209	5.5
Arkansas	1,016	1,055	1,254	1,164	1,391	1,372	1,558	1,717	1,742	1,711	-1.8
California	26,715	27,206	26,743	26,008	27,322	29,177	30,142	32,125	32,257	31,671	-1.8
Colorado	4,463	4,467	4,745	5,005	5,067	5,355	5,350	5,524	6,036	6,406	6.1
Connecticut	3,623	3,889	4,050	4,234	4,497	4,740	4,666	4,618	5,211	4,998	-4.1
Delaware	1,532	1,551	1,544	1,611	1,517	1,455	1,492	1,572	1,552	1,433	-7.7
District of Columbia	4,405	4,813	5,252	5,403	5,464	5,196	5,500	5,545	5,115	5,364	4.9
Florida	7,985	8,195	8,470	10,079	10,149	11,084	11,195	11,543	12,105	12,687	4.8
Georgia	7,774	8,408	8,100	8,945	8,682	9,920	10,488	11,429	11,417	11,630	1.9
Hawaii	627	451	646	572	660	542	638	583	609	538	-11.7
Idaho	484	585	474	565	501	564	729	784	836	778	-6.9
Illinois	9,377	9,499	9,627	10,021	9,903	10,384	9,917	9,434	9,761	10,098	3.5
Indiana	9,049	9,825	9,792	10,055	9,119	9,649	10,395	10,883	11,774	11,953	1.5
Iowa	4,848	5,442	5,621	5,128	5,514	5,806	6,076	5,670	5,904	5,950	0.8
Kansas	2,495	2,511	2,471	2,340	2,391	2,357	2,540	2,783	2,679	2,866	7.0
Kentucky	2,946	2,913	3,366	3,632	4,032	4,427	4,207	4,216	4,247	4,594	8.2
Louisiana	1,490	1,749	1,638	1,701	1,349	1,852	2,164	2,077	1,993	2,158	8.3
Maine	1,290	1,237	1,375	1,298	1,319	1,672	1,727	1,548	1,647	1,584	-3.8
Maryland	4,598	4,954	5,306	5,279	5,196	5,062	5,167	5,179	4,910	4,782	-2.6
Massachusetts	12,752	13,790	13,984	14,394	14,782	14,762	15,063	14,642	14,998	14,802	-1.3
Michigan	9,043	8,982	8,949	9,384	9,698	10,289	10,760	11,146	11,533	11,219	-2.7
Minnesota	9,050	8,904	8,885	9,249	9,022	9,353	8,958	8,577	8,612	8,490	-1.4
Mississippi	985	940	795	1,064	777	1,157	1,339	1,364	1,342	1,523	13.5
Missouri	5,054	5,070	4,650	4,938	4,947	4,951	5,417	5,844	5,782	5,349	-7.5
Montana	699	660	513	667	760	764	861	747	784	683	-12.9
Nebraska	1,749	1,761	1,643	1,806	1,700	1,857	1,860	1,985	1,972	1,984	0.6
Nevada	796	695	821	745	835	737	961	992	1,029	951	-7.6
New Hampshire	1,828	1,759	1,740	1,954	1,715	1,706	1,711	1,830	1,647	1,762	7.0
New Jersey	3,072	3,052	3,143	3,036	3,799	3,609	3,694	4,346	4,557	4,688	2.9
New Mexico	757	701	807	844	879	936	1,032	1,158	1,217	1,111	-8.7
New York	21,055	23,022	23,916	24,646	25,906	26,206	26,725	26,950	26,824	28,129	4.9
North Carolina	8,948	9,624	9,958	10,415	10,846	11,068	11,506	12,650	12,979	13,258	2.1
North Dakota	248	413	469	420	391	494	481	524	417	595	42.7
Ohio	10,980		11,264	11,124	11,415	12,729	12,868	14,136	13,991	14,470	3.4
Oklahoma	1,448	1,717	1,837	2,054	2,329	2,798	2,655	2,839	2,980	3,129	5.0
Oregon	3,861	3,530	3,676	3,736	3,939	3,736	3,767	3,877	3,958	4,276	8.0
Pennsylvania	16,881	17,225	17,997	18,676	18,668	19,039	18,927	19,524	20,497	20,955	2.2
Puerto Rico	6	0	0	0	0	11	9	7	72	136	88.9
Rhode Island	2,693	2,806	2,909	2,899	2,660	3,075	3,196	2,912	3,253	3,187	-2.0
South Carolina	3,096	3,359	3,476	4,143	4,425	4,737	5,380	5,671	5,752	6,307	9.6
South Dakota	474	534	642	609	767	757	890	834	708	864	22.0
Tennessee	4,033	4,427	4,865	5,305	5,716	5,842	5,699	6,129	7,099	7,330	3.3

(cont'd)

2.8 U.S. STUDY ABROAD BY U.S. STATE, 2008/09–2017/18 (cont'd)

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	% change from 2016/17
Texas	10,934	11,856	12,216	12,864	13,216	14,946	16,605	17,929	18,123	19,846	9.5
Utah	3,070	3,355	3,377	3,242	3,108	3,531	3,568	3,944	4,366	5,035	15.3
Vermont	1,942	2,001	1,945	1,968	1,910	1,988	1,944	1,957	1,932	2,029	5.0
Virgin Islands	0	10	10	11	12	0	0	0	0	0	0.0
Virginia	8,508	8,786	8,283	8,737	9,641	10,023	10,400	10,789	11,354	12,373	9.0
Washington	6,433	6,647	5,997	6,327	6,203	6,327	6,194	6,599	6,613	6,902	4.4
West Virginia	1,311	1,010	1,284	990	1,050	938	1,182	1,189	1,075	1,047	-2.6
Wisconsin	7,558	7,574	7,002	7,115	7,132	8,428	7,911	8,355	8,282	8,402	1.4
Wyoming	256	282	416	363	360	424	370	362	381	440	15.5
TOTAL U.S. STUDY ABROAD	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751	2.7

2.9 U.S. STUDY ABROAD BY STUDENTS' HOME INSTITUTIONAL TYPE AND SECTOR, 2016/17 & 2017/18

HOME INSTITUTION TYPE*	U.S. study abroad students (%)	
	2016/17	2017/18
Doctorate-granting universities	67.6	68.0
Master's colleges & universities	18.5	18.5
Baccalaureate colleges	10.7	10.4
Associate's colleges	2.1	2.2
Special focus institutions	1.0	0.9
Total U.S. study abroad	332,727	341,751

HOME INSTITUTION SECTOR	U.S. study abroad students (%)		% of total 2017/18
	2016/17	2017/18	
Private for-profit	128	111	0.0
Private not-for-profit	141,069	141,607	41.4
Public	191,530	200,033	58.5
Total U.S. study abroad	332,727	341,751	100.0

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.
Note: Percent distribution may not total 100.0 due to rounding.

2.10 DURATION OF STUDY ABROAD, 2013/14–2017/18

	2013/14	%	2014/15	%	2015/16	%	2016/17	%	2017/18	%
Short-term (summer, or eight weeks or less)	189,074	62.1	197,883	63.1	204,972	63.0	214,798	64.6	220,813	64.6
Mid-length (one semester, or one or two quarters)	106,259	34.9	107,559	34.3	112,126	34.6	110,269	33.1	113,058	33.1
Long-term (academic or calendar year)	9,134	3.0	7,973	2.5	8,241	2.4	7,660	2.3	7,880	2.3
TOTAL U.S. STUDY ABROAD	304,467	100.0	313,415	100.0	325,339	100.0	332,727	100.0	341,751	100.0

2.11 DURATION OF STUDY ABROAD BY INSTITUTIONAL TYPE*, 2017/18

	All institution types	Doctorate-granting universities	Master's colleges & universities	Baccalaureate colleges	Associate's colleges	Special focus institutions
Short-term (%)	64.6	65.7	67.4	49.0	85.9	61.7
Mid-length (%)	33.1	32.1	29.8	48.3	13.9	35.8
Long-term (%)	2.3	2.2	2.8	2.7	0.2	2.5
TOTAL STUDENTS	341,751	232,473	63,104	35,649	7,427	3,098

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

2.12 DETAILED DURATION OF U.S. STUDY ABROAD, 2007/08–2017/18

	U.S. study abroad students (%)										
	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Summer term	38.1	35.8	37.8	37.7	37.1	37.8	38.1	39.0	38.0	38.5	38.5
<i>More than eight weeks</i>	-	-	-	-	-	-	-	2.7	2.6	2.9	2.9
<i>Two to eight weeks</i>	-	-	-	34.4	33.4	33.7	33.5	30.9	30.4	30.5	29.9
<i>Fewer than two weeks</i>	-	-	-	3.3	3.7	4.1	4.6	5.4	5.0	5.1	5.7
One semester	35.5	37.3	35.8	34.5	35.0	33.6	31.9	31.8	31.9	30.7	30.3
8 weeks or less during academic year	11.0	11.7	11.9	13.3	14.4	15.3	16.5	16.7	17.4	18.8	19.0
<i>Two to eight weeks</i>	-	-	-	5.0	6.5	6.9	6.6	6.5	6.6	6.8	7.3
<i>Fewer than two weeks</i>	-	-	-	8.3	7.9	8.4	9.9	10.2	10.8	12.0	11.7
January term	7.2	7.0	6.9	7.1	7.0	7.1	7.5	7.4	7.4	7.1	7.0
One quarter	3.4	3.3	3.1	3.0	2.5	2.4	2.4	2.2	2.3	2.2	2.4
Academic year	4.1	4.1	3.8	3.7	3.2	3.1	2.9	2.5	2.3	2.2	2.2
Two quarters	0.6	0.5	0.4	0.5	0.4	0.3	0.6	0.3	0.3	0.2	0.2
Calendar year	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other	0.0	0.2	0.1	0.1	0.3	0.3	0.0	0.1	0.4	0.2	0.3
TOTAL U.S. STUDY ABROAD	262,416	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751

Note: Percent distributions may not sum to 100.0 because of rounding.

2.13 PROGRAM SPONSORSHIP; EXPERIENTIAL ACTIVITIES DURING STUDY ABROAD FOR ACADEMIC CREDIT; FINANCIAL SUPPORT, 2016/17 & 2017/18

	% of students	
	2016/17	2017/18
PROGRAM SPONSORSHIP		
Solely own institution	75.3	75.6
Other institutions/organizations	24.7	24.4
Total students	332,727	341,751

EXPERIENTIAL LEARNING ACTIVITIES DURING STUDY ABROAD FOR ACADEMIC CREDIT

By institutional type*	2017/18	By activity type	2017/18
Doctorate-granting universities	63.4	Work or internships	27.0
Master's colleges & universities	21.1	Volunteering or service learning	23.1
Baccalaureate colleges	12.2	Research or field work	24.1
Associate's colleges	1.9	Other experiential activities	25.9
Special focus institutions	1.5		
Total students	103,441		103,441

TYPE OF FINANCIAL SUPPORT (percentage of programs)	2016/17			2017/18		
	Institution's own programs	Approved outside programs	Other programs	Institution's own programs	Approved outside programs	Other programs
Federal aid	93.9	95.2	48.3	94.2	95.8	48.0
State aid	91.2	88.4	39.2	90.0	88.1	38.5
Need-based institutional aid	91.4	81.5	25.5	91.0	82.4	24.6
Merit-based institutional aid	89.6	79.7	24.0	90.3	81.0	25.4
Other aid	91.0	89.5	37.6	91.7	90.9	40.6
Reporting institutions**		803			805	

Read financial support table as: "94.2 percent of institutions awarded federal aid for students to study abroad on the institution's own programs in 2017/18."

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*.

For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** Not all institutions provided financial support data.

Note: Percent distributions may not sum to 100.0 because of rounding.

2.14 NON-CREDIT EXPERIENTIAL ACTIVITIES ABROAD BY INSTITUTION AND ACTIVITY TYPE, 2017/18

By institutional type*	2017/18	By activity type	2017/18
Doctorate-granting universities	76.3	Work or internships	15.5
Master's colleges & universities	13.1	Volunteering or service learning	30.0
Baccalaureate colleges	8.9	Research or field work	16.4
Associate's colleges	1.0	Other experiential activities	38.1
Special focus institutions	0.7		
Total students	38,401		38,401

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.
Note: Percent of total may not sum to 100.0 due to rounding.

2.15 NON-CREDIT EXPERIENTIAL ACTIVITIES ABROAD BY SELECT DESTINATION, 2017/18

	Students	% of total		Students	% of total		Students	% of total
Africa, Sub-Saharan	2,819	7.3	France	1,184		Panama	416	
South Africa	545		Ireland	1,158		Bahamas	410	
Ghana	460		Germany	995		Jamaica	366	
Uganda	368		Spain	937		Colombia	300	
Kenya	324		Netherlands	407		Argentina	264	
Tanzania	266		Greece	258		Belize	262	
Rwanda	139		Austria	228		Chile	204	
Ethiopia	123		Czech Republic	213		Bolivia	197	
Malawi	109		Sweden	202		Cuba	190	
All Others	485		Switzerland	200		Bermuda	105	
ASIA	5,282	13.8	Poland	185		El Salvador	102	
China	1,694		Portugal	176		All others	371	
Japan	922		Denmark	128		Middle East & North Africa	1,355	3.5
India	757		Belgium	112		Israel	850	
South Korea	309		Russia	108		Morocco	171	
Thailand	279		All others	783		Jordan	130	
Hong Kong	236		Latin America & Caribbean	13,489	35.1	All others	204	
Vietnam	163		Mexico	1,942		North America	2,253	5.9
Nepal	146		Dominican Republic	1,584		Canada	2,253	
Singapore	140		Nicaragua	1,511		Oceania	538	1.4
Taiwan	137		Guatemala	1,183		Australia	380	
Indonesia	103		Peru	1,019		New Zealand	109	
All others	396		Ecuador	779		All others	49	
EUROPE	10,400	27.1	Costa Rica	776		Antarctica	9	0.0
United Kingdom	1,740		Honduras	558		Multiple destinations	2,256	5.9
Italy	1,386		Haiti	490		TOTAL	38,401	
			Brazil	460				

Note: Percent of total may not sum to 100.0 due to rounding.

2.16 TOP 25 INSTITUTIONS AWARDING CREDIT FOR STUDY ABROAD, RANKED BY STUDENT TOTAL, 2017/18

				Study abroad students
1	New York University	New York	NY	4,793
2	Texas A&M University— College Station	College Station	TX	3,976
3	University of Texas — Austin	Austin	TX	3,293
4	University of Michigan — Ann Arbor	Ann Arbor	MI	3,130
5	San Diego State University	San Diego	CA	3,076
6	Indiana University — Bloomington	Bloomington	IN	3,044
7	Ohio State University — Columbus	Columbus	OH	2,941
8	University of Minnesota — Twin Cities	Minneapolis	MN	2,585
9	Arizona State University — Tempe	Tempe	AZ	2,567
10	University of Florida	Gainesville	FL	2,561
11	Florida State University	Tallahassee	FL	2,544
12	Michigan State University	East Lansing	MI	2,543
13	University of Georgia	Athens	GA	2,495
14	University of Washington	Seattle	WA	2,483
15	University of California — Los Angeles	Los Angeles	CA	2,480
16	University of Virginia — Charlottesville	Charlottesville	VA	2,434
17	University of North Carolina — Chapel Hill	Chapel Hill	NC	2,416
18	University of Wisconsin — Madison	Madison	WI	2,410
19	Brigham Young University	Provo	UT	2,403
20	Pennsylvania State University — University Park	University Park	PA	2,320
21	University of Southern California	Los Angeles	CA	2,275
22	Purdue University — West Lafayette	West Lafayette	IN	2,235
23	University of Pennsylvania	Philadelphia	PA	2,234
24	University of South Carolina — Columbia	Columbia	SC	2,020
25	Northeastern University — Boston	Boston	MA	1,983

**2.17A INSTITUTIONS BY UNDERGRADUATE PARTICIPATION IN STUDY ABROAD:
TOP 40 DOCTORATE-GRANTING UNIVERSITIES*, 2017/18**

				Undergraduate study abroad students	Undergraduate degrees conferred**	Est. undergraduate % participation study abroad***
1	Elon University	Elon	NC	1,451	1,337	108.5
2	Pepperdine University	Malibu	CA	632	785	80.5
3	University of Denver	Denver	CO	934	1,206	77.4
4	Wake Forest University	Winston-Salem	NC	810	1,085	74.7
5	University of San Diego	San Diego	CA	938	1,281	73.2
5	Worcester Polytechnic Institute	Worcester	MA	617	843	73.2
7	University of Notre Dame	Notre Dame	IN	1,417	2,026	69.9
8	New York University	New York	NY	3,601	5,302	67.9
9	Georgetown University	Washington	DC	1,033	1,587	65.1
10	George Fox University	Newberg	OR	395	612	64.5
11	Wingate University	Wingate	NC	217	343	63.3
12	American University	Washington	DC	994	1,609	61.8
13	Yale University	New Haven	CT	726	1,180	61.5
14	Duke University and Medical Center	Durham	NC	1,022	1,678	60.9
15	Northeastern University—Boston	Boston	MA	1,842	3,129	58.9
16	College of William and Mary	Williamsburg	VA	840	1,456	57.7
17	Belmont University	Nashville	TN	810	1,408	57.5
17	University of St. Thomas	Saint Paul	MN	772	1,342	57.5
19	Drake University	Des Moines	IA	387	681	56.8
20	Gonzaga University	Spokane	WA	615	1,092	56.3
21	Georgia Institute of Technology	Atlanta	GA	1,620	3,064	52.9
22	Dartmouth College	Hanover	NH	543	1,054	51.5
23	Chatham University	Pittsburgh	PA	96	188	51.1
24	Vanderbilt University	Nashville	TN	795	1,594	49.9
25	Stanford University	Stanford	CA	769	1,553	49.5
26	University of Tulsa	Tulsa	OK	283	583	48.5
27	Tulane University	New Orleans	LA	852	1,763	48.3
28	Boston University	Boston	MA	1,633	3,425	47.7
29	Boston College	Chestnut Hill	MA	1,065	2,243	47.5
30	Syracuse University	Syracuse	NY	1,416	3,012	47.0
31	Fordham University	Bronx	NY	960	2,054	46.7
31	Miami University—Oxford	Oxford	OH	1,594	3,414	46.7
33	Emory University	Atlanta	GA	790	1,697	46.6
34	Washington University in St. Louis	Saint Louis	MO	767	1,675	45.8
35	Samford University	Birmingham	AL	354	783	45.2
36	University of Chicago	Chicago	IL	542	1,251	43.3
37	University of Virginia—Charlottesville	Charlottesville	VA	1,727	4,036	42.8
38	Tufts University	Medford	MA	548	1,284	42.7
39	University of New England	Biddeford	ME	203	477	42.6
40	University of Pennsylvania	Philadelphia	PA	996	2,346	42.5

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** U.S. students (excluding international students) receiving undergraduate degrees.

*** Estimates of undergraduate participation rates may exceed 100 percent due to factors such as student attrition and varying cohort sizes from year to year.

**2.17B INSTITUTIONS BY TOTAL NUMBER OF STUDY ABROAD STUDENTS:
TOP 40 DOCTORATE-GRANTING UNIVERSITIES*, 2017/18**

				Study abroad students
1	New York University	New York	NY	4,793
2	Texas A&M University—College Station	College Station	TX	3,976
3	University of Texas—Austin	Austin	TX	3,293
4	University of Michigan—Ann Arbor	Ann Arbor	MI	3,130
5	San Diego State University	San Diego	CA	3,076
6	Indiana University—Bloomington	Bloomington	IN	3,044
7	Ohio State University—Columbus	Columbus	OH	2,941
8	University of Minnesota—Twin Cities	Minneapolis	MN	2,585
9	Arizona State University—Tempe	Tempe	AZ	2,567
10	University of Florida	Gainesville	FL	2,561
11	Florida State University	Tallahassee	FL	2,544
12	Michigan State University	East Lansing	MI	2,543
13	University of Georgia	Athens	GA	2,495
14	University of Washington	Seattle	WA	2,483
15	University of California—Los Angeles	Los Angeles	CA	2,480
16	University of Virginia—Charlottesville	Charlottesville	VA	2,434
17	University of North Carolina—Chapel Hill	Chapel Hill	NC	2,416
18	University of Wisconsin—Madison	Madison	WI	2,410
19	Brigham Young University	Provo	UT	2,403
20	Pennsylvania State University—University Park	University Park	PA	2,320
21	University of Southern California	Los Angeles	CA	2,275
22	Purdue University—West Lafayette	West Lafayette	IN	2,235
23	University of Pennsylvania	Philadelphia	PA	2,234
24	University of South Carolina—Columbia	Columbia	SC	2,020
25	Northeastern University—Boston	Boston	MA	1,983
26	University of Colorado—Boulder	Boulder	CO	1,969
27	Miami University—Oxford	Oxford	OH	1,958
28	University of Illinois—Urbana-Champaign	Champaign	IL	1,931
29	Cornell University	Ithaca	NY	1,917
30	University of Pittsburgh—Pittsburgh	Pittsburgh	PA	1,910
31	University of California—Berkeley	Berkeley	CA	1,888
32	University of Maryland—College Park	College Park	MD	1,871
33	Georgetown University	Washington	DC	1,836
34	Boston University	Boston	MA	1,764
35	Georgia Institute of Technology	Atlanta	GA	1,753
36	Syracuse University	Syracuse	NY	1,694
37	University of Cincinnati	Cincinnati	OH	1,674
38	Elon University	Elon	NC	1,587
39	University of South Florida—Tampa	Tampa	FL	1,539
40	Temple University	Philadelphia	PA	1,535

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

**2.18A INSTITUTIONS BY UNDERGRADUATE PARTICIPATION IN STUDY ABROAD:
TOP 40 MASTER'S COLLEGES & UNIVERSITIES*, 2017/18**

				Undergraduate study abroad students	Undergraduate degrees conferred**	Est. undergraduate % participation study abroad***
1	SUNY Maritime College	Bronx	NY	698	403	173.2
2	Arcadia University	Glenside	PA	750	560	133.9
3	University of Dallas	Irving	TX	279	254	109.8
4	Calvin College	Grand Rapids	MI	541	733	73.8
5	Lee University	Cleveland	TN	540	832	64.9
6	Butler University	Indianapolis	IN	495	765	64.7
7	Carroll University	Waukesha	WI	424	660	64.2
8	University of Evansville	Evansville	IN	232	380	61.1
9	Messiah College	Mechanicsburg	PA	332	610	54.4
10	Rollins College	Winter Park	FL	324	603	53.7
11	Saint Mary's College of California	Moraga	CA	342	647	52.9
12	Bryant University	Smithfield	RI	385	732	52.6
13	Loyola University Maryland	Baltimore	MD	499	962	51.9
14	Providence College	Providence	RI	464	903	51.4
15	Fairfield University	Fairfield	CT	496	969	51.2
16	Augustana University	Sioux Falls	SD	172	337	51.0
17	Pacific Lutheran University	Tacoma	WA	293	584	50.2
18	Marist College	Poughkeepsie	NY	618	1,244	49.7
19	Naropa University	Boulder	CO	47	97	48.5
20	Bentley University	Waltham	MA	431	921	46.8
21	University of Dubuque	Dubuque	IA	166	361	46.0
22	Whitworth University	Spokane	WA	245	537	45.6
23	Grace College and Theological Seminary	Winona Lake	IN	190	423	44.9
24	Trinity University	San Antonio	TX	216	500	43.2
25	Marymount University	Arlington	VA	203	485	41.9
26	Cedar Crest College	Allentown	PA	120	288	41.7
27	McDaniel College	Westminster	MD	137	335	40.9
28	Queens University of Charlotte	Charlotte	NC	140	344	40.7
29	College of Charleston	Charleston	SC	861	2,126	40.5
30	Eastern Mennonite University	Harrisonburg	VA	135	342	39.5
31	Xavier University	Cincinnati	OH	353	904	39.0
32	The Citadel, Military College of South Carolina	Charleston	SC	228	603	37.8
33	Walsh University	North Canton	OH	175	468	37.4
34	Spring Arbor University	Spring Arbor	MI	220	590	37.3
35	La Roche College	Pittsburgh	PA	104	280	37.1
36	Siena College	Loudonville	NY	267	725	36.8
37	University of Redlands	Redlands	CA	285	776	36.7
38	University of Lynchburg	Lynchburg	VA	142	390	36.4
39	Emerson College	Boston	MA	310	857	36.2
40	Champlain College	Burlington	VT	296	829	35.7

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** U.S. students (excluding international students) receiving undergraduate degrees.

*** Estimates of undergraduate participation rates may exceed 100 percent due to factors such as student attrition and varying cohort sizes from year to year.

**2.18B INSTITUTIONS BY TOTAL NUMBER OF STUDY ABROAD STUDENTS:
TOP 40 MASTER'S COLLEGES & UNIVERSITIES*, 2017/18**

				Study abroad students
1	James Madison University	Harrisonburg	VA	1,322
2	California Polytechnic State University—San Luis Obispo	San Luis Obispo	CA	1,231
3	California State University—Long Beach	Long Beach	CA	1,064
4	Appalachian State University	Boone	NC	909
5	College of Charleston	Charleston	SC	904
6	Arcadia University	Glenside	PA	859
7	Grand Valley State University	Allendale	MI	720
8	SUNY Maritime College	Bronx	NY	713
9	Marist College	Poughkeepsie	NY	627
10	California State University—Fullerton	Fullerton	CA	626
11	Rollins College	Winter Park	FL	560
12	Lee University	Cleveland	TN	546
13	Calvin College	Grand Rapids	MI	541
14	West Chester University of Pennsylvania	West Chester	PA	536
15	Butler University	Indianapolis	IN	533
16	Western Washington University	Bellingham	WA	526
17	University of Wisconsin—Eau Claire	Eau Claire	WI	515
18	SUNY Fashion Institute of Technology	New York	NY	510
19	Loyola University Maryland	Baltimore	MD	499
20	Fairfield University	Fairfield	CT	496
21	Bentley University	Waltham	MA	491
21	Johnson and Wales University—Providence	Providence	RI	491
23	Providence College	Providence	RI	464
24	Southern Utah University	Cedar City	UT	463
25	San Jose State University	San Jose	CA	456
25	Ithaca College	Ithaca	NY	456
27	Slippery Rock University of Pennsylvania	Slippery Rock	PA	443
28	San Francisco State University	San Francisco	CA	433
29	Bryant University	Smithfield	RI	428
30	Carroll University	Waukesha	WI	424
31	Weber State University	Ogden	UT	412
32	University of Northern Iowa	Cedar Falls	IA	410
33	Saint Mary's College of California	Moraga	CA	402
34	Xavier University	Cincinnati	OH	387
35	University of Wisconsin—Oshkosh	Oshkosh	WI	380
36	The University of Tampa	Tampa	FL	363
37	Roger Williams University	Bristol	RI	362
38	SUNY Geneseo	Geneseo	NY	353
39	St. Cloud State University—St. Cloud	Saint Cloud	MN	346
40	Pacific Lutheran University	Tacoma	WA	335

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

**2.19A INSTITUTIONS BY UNDERGRADUATE PARTICIPATION IN STUDY ABROAD:
TOP 40 BACCALAUREATE COLLEGES*, 2017/18**

				Undergraduate study abroad students	Undergraduate degrees conferred**	Est. undergraduate % participation study abroad***
1	Centenary College of Louisiana	Shreveport	LA	223	94	237.2
2	Agnes Scott College	Decatur	GA	280	173	161.8
3	Soka University of America	Aliso Viejo	CA	65	45	144.4
4	Centre College	Danville	KY	387	306	126.5
5	St. Olaf College	Northfield	MN	691	632	109.3
6	Taylor University	Upland	IN	400	370	108.1
7	DePauw University	Greencastle	IN	489	457	107.0
8	Wofford College	Spartanburg	SC	418	401	104.2
9	Earlham College	Richmond	IN	165	160	103.1
10	Eckerd College	St. Petersburg	FL	483	471	102.5
11	Susquehanna University	Selinsgrove	PA	455	456	99.8
12	Goucher College	Baltimore	MD	290	292	99.3
13	Colorado College	Colorado Springs	CO	467	486	96.1
14	Hollins University	Roanoke	VA	104	114	91.2
15	Furman University	Greenville	SC	504	594	84.8
16	Berea College	Berea	KY	236	281	84.0
17	Dickinson College	Carlisle	PA	403	486	82.9
18	Principia College	Elsah	IL	78	95	82.1
19	College of the Atlantic	Bar Harbor	ME	50	61	82.0
20	Spelman College	Atlanta	GA	362	442	81.9
21	Luther College	Decorah	IA	353	447	79.0
22	Carthage College	Kenosha	WI	415	529	78.4
23	Alma College	Alma	MI	219	284	77.1
24	Saint Lawrence University	Canton	NY	352	461	76.4
25	Carleton College	Northfield	MN	330	442	74.7
26	Bates College	Lewiston	ME	331	445	74.4
27	Davidson College	Davidson	NC	327	440	74.3
28	Washington and Lee University	Lexington	VA	326	455	71.6
28	Colgate University	Hamilton	NY	449	627	71.6
30	University of Richmond	Richmond	VA	564	795	70.9
31	Colby College	Waterville	ME	299	425	70.4
32	Macalester College	Saint Paul	MN	310	443	70.0
33	Houghton College	Houghton	NY	152	220	69.1
34	Goshen College	Goshen	IN	123	181	68.0
35	Whittier College	Whittier	CA	218	323	67.5
36	Hobart and William Smith Colleges	Geneva	NY	334	497	67.2
37	Washington and Jefferson College	Washington	PA	189	282	67.0
37	Beloit College	Beloit	WI	154	230	67.0
39	Grinnell College	Grinnell	IA	211	316	66.8
40	Trinity College	Hartford	CT	322	488	66.0

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** U.S. students (excluding international students) receiving undergraduate degrees.

*** Estimates of undergraduate participation rates may exceed 100 percent due to factors such as student attrition and varying cohort sizes from year to year.

**2.19B INSTITUTIONS BY TOTAL NUMBER OF STUDY ABROAD STUDENTS:
TOP 40 BACCALAUREATE COLLEGES*, 2017/18**

			Study abroad students
1	St. Olaf College	Northfield MN	691
2	University of Richmond	Richmond VA	630
3	Furman University	Greenville SC	504
4	DePauw University	Greencastle IN	489
5	Eckerd College	St. Petersburg FL	483
6	Colorado College	Colorado Springs CO	473
7	Bucknell University	Lewisburg PA	472
8	Susquehanna University	Selinsgrove PA	455
9	Colgate University	Hamilton NY	449
10	College of Saint Benedict/Saint John's University	Collegeville MN	443
11	Wofford College	Spartanburg SC	418
12	Carthage College	Kenosha WI	415
13	Dickinson College	Carlisle PA	403
14	Taylor University	Upland IN	400
15	Centre College	Danville KY	398
16	Middlebury College	Middlebury VT	388
17	Spelman College	Atlanta GA	362
18	Luther College	Decorah IA	353
19	Saint Lawrence University	Canton NY	352
20	Hope College	Holland MI	345
21	Hobart and William Smith Colleges	Geneva NY	334
22	High Point University	High Point NC	333
23	Bates College	Lewiston ME	331
24	Carleton College	Northfield MN	330
25	Davidson College	Davidson NC	327
26	Washington and Lee University	Lexington VA	326
27	Trinity College	Hartford CT	322
28	Augustana College	Rock Island IL	314
28	College of the Holy Cross	Worcester MA	314
28	Gustavus Adolphus College	Saint Peter MN	314
31	Macalester College	Saint Paul MN	310
32	Gettysburg College	Gettysburg PA	308
33	Skidmore College	Saratoga Springs NY	300
34	Colby College	Waterville ME	299
35	Bowdoin College	Brunswick ME	296
35	Wellesley College	Wellesley MA	296
37	Goucher College	Baltimore MD	290
38	Smith College	Northampton MA	282
39	Agnes Scott College	Decatur GA	280
40	Lafayette College	Easton PA	276

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

**2.20 INSTITUTIONS BY TOTAL NUMBER OF STUDY ABROAD STUDENTS:
TOP ASSOCIATE'S COLLEGES & SPECIAL FOCUS INSTITUTIONS*, 2017/18**

ASSOCIATE'S COLLEGES				Study abroad students
1	Citrus College	Glendora	CA	193
2	Pellissippi State Community College	Knoxville	TN	188
3	College of DuPage	Glen Ellyn	IL	175
4	Orange Coast College	Costa Mesa	CA	170
5	Kirkwood Community College	Cedar Rapids	IA	163
6	San Mateo County Community College	San Mateo	CA	145
7	Lone Star College System	The Woodlands	TX	140
8	Miami-Dade College	Miami	FL	132
9	Glendale Community College	Glendale	CA	125
10	Valencia College	Orlando	FL	121
11	St. Petersburg College	St. Petersburg	FL	119
12	Foothill-De Anza Community College District	Los Altos Hills	CA	112
13	Santa Barbara City College	Santa Barbara	CA	103
14	Portland Community College	Portland	OR	97
15	Los Angeles Pierce College	Woodland Hills	CA	90
16	Mesa Community College	Mesa	AZ	88
17	Johnson County Community College	Overland Park	KS	87
18	Austin Community College	Austin	TX	85
19	Pasadena City College	Pasadena	CA	79
20	San Diego Mesa College	San Diego	CA	77

SPECIAL FOCUS INSTITUTIONS**

1	Savannah College of Art and Design	Savannah	GA	561
2	Babson College	Wellesley	MA	382
3	School of the Art Institute of Chicago	Chicago	IL	187
4	Rhode Island School of Design	Providence	RI	182
5	Middlebury College — Language Schools	Middlebury	VT	119
6	Pratt Institute	Brooklyn	NY	113
7	University of Kansas Medical Center	Kansas City	KS	106
8	Massachusetts College of Art and Design	Boston	MA	102
9	Maryland Institute College of Art	Baltimore	MD	96
10	Chicago School of Professional Psychology	Chicago	IL	92

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** Top ten special focus institutions reported due to small totals for other institutions.

2.21 LEADING INSTITUTIONS BY LONG-TERM DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18

DOCTORATE-GRANTING UNIVERSITIES				Study abroad students
1	New York University	New York	NY	561
2	Pepperdine University	Malibu	CA	231
3	Touro College	New York	NY	223
4	Wayne State University	Detroit	MI	129
5	Florida State University	Tallahassee	FL	86
6	University of Notre Dame	Notre Dame	IN	83
7	Northern Arizona University	Flagstaff	AZ	81
8	University of California — Santa Barbara	Santa Barbara	CA	77
9	University of Washington	Seattle	WA	73
9	College of William and Mary	Williamsburg	VA	73
11	Saint Louis University	Saint Louis	MO	70
12	American University	Washington	DC	69
13	University of Hawaii at Manoa	Honolulu	HI	68
14	University of Wisconsin — Madison	Madison	WI	67
15	San Diego State University	San Diego	CA	61
16	Middle Tennessee State University	Murfreesboro	TN	57
17	Cornell University	Ithaca	NY	55
18	University of North Carolina — Wilmington	Wilmington	NC	54
19	University of South Carolina — Columbia	Columbia	SC	52
19	University of North Carolina — Chapel Hill	Chapel Hill	NC	52

MASTER'S COLLEGES & UNIVERSITIES

1	San Francisco State University	San Francisco	CA	183
2	LIU Global	Brooklyn	NY	149
3	Sonoma State University	Rohnert Park	CA	96
4	Marist College	Poughkeepsie	NY	91
5	California Polytechnic State University — San Luis Obispo	San Luis Obispo	CA	72
6	SUNY Fashion Institute of Technology	New York	NY	61
7	California State University — Chico	Chico	CA	59
8	California State University — Sacramento	Sacramento	CA	42
9	California State University — Long Beach	Long Beach	CA	38
9	California State University — Monterey Bay	Seaside	CA	38
11	Western Washington University	Bellingham	WA	37
12	California State Polytechnic University — Pomona	Pomona	CA	33
13	Loyola University Maryland	Baltimore	MD	32
14	Naropa University	Boulder	CO	29
15	James Madison University	Harrisonburg	VA	27
15	California State University — Northridge	Northridge	CA	27
15	California State University — Channel Islands	Camarillo	CA	27
18	University of Portland	Portland	OR	26
19	California State University — Fullerton	Fullerton	CA	24
20	San Jose State University	San Jose	CA	22

(cont'd)

2.21 LEADING INSTITUTIONS BY LONG-TERM DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18 (cont'd)

BACCALAUREATE COLLEGES				Study abroad students
1	College of the Holy Cross	Worcester	MA	90
2	Spring Hill College	Mobile	AL	71
3	Sarah Lawrence College	Bronxville	NY	57
4	Smith College	Northampton	MA	54
5	Dickinson College	Carlisle	PA	36
6	Middlebury College	Middlebury	VT	35
6	Williams College	Williamstown	MA	35
6	University of Puget Sound	Tacoma	WA	35
9	Kenyon College	Gambier	OH	32
10	Wellesley College	Wellesley	MA	28
11	Bowdoin College	Brunswick	ME	19
12	Kalamazoo College	Kalamazoo	MI	17
13	Lewis and Clark College	Portland	OR	13
13	Wheaton College	Norton	MA	13
15	Vassar College	Poughkeepsie	NY	12
15	Davidson College	Davidson	NC	12
15	Oberlin College	Oberlin	OH	12
15	Barnard College	New York	NY	12
15	William Jewell College	Liberty	MO	12
20	Skidmore College	Saratoga Springs	NY	11
20	Juniata College	Huntingdon	PA	11
20	Fort Lewis College	Durango	CO	11

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

Note: Associate's colleges and special focus institutions not listed due to small institutional totals.

2.22 LEADING INSTITUTIONS BY MID-LENGTH DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18

DOCTORATE-GRANTING UNIVERSITIES				Study abroad students
1	New York University	New York	NY	2,865
2	University of Wisconsin — Madison	Madison	WI	1,278
3	Indiana University — Bloomington	Bloomington	IN	1,233
4	Syracuse University	Syracuse	NY	1,146
5	University of Colorado — Boulder	Boulder	CO	1,112
6	Boston University	Boston	MA	1,052
7	Pennsylvania State University — University Park	University Park	PA	1,020
8	University of Minnesota — Twin Cities	Minneapolis	MN	1,011
9	University of Illinois — Urbana-Champaign	Champaign	IL	922
10	University of Massachusetts — Amherst	Amherst	MA	896
11	University of Michigan — Ann Arbor	Ann Arbor	MI	863
12	American University	Washington	DC	847
13	University of Washington	Seattle	WA	840
14	University of South Carolina — Columbia	Columbia	SC	838
15	Drexel University	Philadelphia	PA	836
16	University of Texas — Austin	Austin	TX	809
17	University of North Carolina — Chapel Hill	Chapel Hill	NC	807
18	University of Southern California	Los Angeles	CA	801
19	Boston College	Chestnut Hill	MA	773
20	University of Maryland — College Park	College Park	MD	763

MASTER'S COLLEGES & UNIVERSITIES

1	California Polytechnic State University — San Luis Obispo	San Luis Obispo	CA	681
2	Loyola University Maryland	Baltimore	MD	439
3	Marist College	Poughkeepsie	NY	435
4	Ithaca College	Ithaca	NY	374
5	College of Charleston	Charleston	SC	358
6	Providence College	Providence	RI	343
7	Bentley University	Waltham	MA	320
8	Fairfield University	Fairfield	CT	310
9	California State University — Long Beach	Long Beach	CA	280
10	The Evergreen State College	Olympia	WA	251
11	University of Wisconsin — Eau Claire	Eau Claire	WI	242
12	SUNY Oswego	Oswego	NY	237
13	Western Washington University	Bellingham	WA	234
14	Arcadia University	Glenside	PA	233
15	James Madison University	Harrisonburg	VA	219
16	Roger Williams University	Bristol	RI	215
16	University of Dallas	Irving	TX	215
18	Bryant University	Smithfield	RI	208
19	Champlain College	Burlington	VT	200
20	Appalachian State University	Boone	NC	195

(cont'd)

2.22 LEADING INSTITUTIONS BY MID-LENGTH DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18 (cont'd)

BACCALAUREATE COLLEGES				Study abroad students
1	Colgate University	Hamilton	NY	383
2	University of Richmond	Richmond	VA	361
3	Bucknell University	Lewisburg	PA	325
4	Middlebury College	Middlebury	VT	322
5	College of Saint Benedict/Saint John's University	Collegeville	MN	318
6	Dickinson College	Carlisle	PA	305
6	Carleton College	Northfield	MN	305
8	Gettysburg College	Gettysburg	PA	301
9	Macalester College	Saint Paul	MN	287
10	Bates College	Lewiston	ME	278
11	Bowdoin College	Brunswick	ME	272
12	Saint Lawrence University	Canton	NY	269
13	Skidmore College	Saratoga Springs	NY	261
14	Vassar College	Poughkeepsie	NY	255
15	Hobart and William Smith Colleges	Geneva	NY	241
16	Wesleyan University	Middletown	CT	239
17	Hamilton College	Clinton	NY	234
18	Trinity College	Hartford	CT	232
19	Colby College	Waterville	ME	222
20	Lewis and Clark College	Portland	OR	220

ASSOCIATE'S COLLEGES **

1	Citrus College	Glendora	CA	128
2	Contra Costa Community College District	Pleasant Hill	CA	56
3	Fullerton College	Fullerton	CA	55
4	Santa Rosa Junior College	Santa Rosa	CA	48
5	McLennan Community College	Waco	TX	42
6	San Mateo County Community College	San Mateo	CA	38
6	Riverside City College	Riverside	CA	38
8	Abraham Baldwin Agricultural College	Tifton	GA	32
9	Santa Barbara City College	Santa Barbara	CA	29
10	Shasta College	Redding	CA	28

(cont'd)

2.22 LEADING INSTITUTIONS BY MID-LENGTH DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18 (cont'd)

SPECIAL FOCUS INSTITUTIONS**				Study abroad students
1	Savannah College of Art and Design	Savannah	GA	524
2	Babson College	Wellesley	MA	174
3	Pratt Institute	Brooklyn	NY	54
4	Maryland Institute College of Art	Baltimore	MD	46
5	Rhode Island School of Design	Providence	RI	42
6	LIM College	New York	NY	28
7	Northwood University—Michigan	Midland	MI	20
8	Massachusetts College of Art and Design	Boston	MA	19
9	Nichols College	Dudley	MA	13
9	Rose-Hulman Institute of Technology	Terre Haute	IN	13

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

** Top ten associate's colleges and special focus institutions listed due to small totals for other institutions.

2.23 LEADING INSTITUTIONS BY SHORT-TERM DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18

DOCTORATE-GRANTING UNIVERSITIES				Study abroad students
1	Texas A&M University—College Station	College Station	TX	3,521
2	Ohio State University—Columbus	Columbus	OH	2,821
3	University of Texas—Austin	Austin	TX	2,460
4	San Diego State University	San Diego	CA	2,347
5	University of Michigan—Ann Arbor	Ann Arbor	MI	2,343
6	Michigan State University	East Lansing	MI	2,300
7	University of Pennsylvania	Philadelphia	PA	2,210
8	University of Florida	Gainesville	FL	2,104
9	University of Georgia	Athens	GA	2,066
10	University of Virginia—Charlottesville	Charlottesville	VA	1,980
11	Purdue University—West Lafayette	West Lafayette	IN	1,965
12	University of California—Los Angeles	Los Angeles	CA	1,949
13	Indiana University—Bloomington	Bloomington	IN	1,834
14	New York University	New York	NY	1,819
15	Brigham Young University	Provo	UT	1,793
16	Arizona State University—Tempe	Tempe	AZ	1,731
17	University of Washington	Seattle	WA	1,626
18	University of North Carolina—Chapel Hill	Chapel Hill	NC	1,566
19	Northeastern University—Boston	Boston	MA	1,562
20	University of South Florida—Tampa	Tampa	FL	1,484

(cont'd)

2.23 LEADING INSTITUTIONS BY SHORT-TERM DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18 (cont'd)

MASTER'S COLLEGES & UNIVERSITIES				Study abroad students
1	James Madison University	Harrisonburg	VA	1,124
2	California State University—Long Beach	Long Beach	CA	778
3	SUNY Maritime College	Bronx	NY	712
4	Appalachian State University	Boone	NC	707
5	Arcadia University	Glenside	PA	655
6	College of Charleston	Charleston	SC	571
7	Grand Valley State University	Allendale	MI	560
8	Lee University	Cleveland	TN	513
9	California Polytechnic State University—San Luis Obispo	San Luis Obispo	CA	505
10	Rollins College	Winter Park	FL	501
11	California State University—Fullerton	Fullerton	CA	474
12	West Chester University of Pennsylvania	West Chester	PA	456
13	Butler University	Indianapolis	IN	434
14	Carroll University	Waukesha	WI	397
15	Slippery Rock University of Pennsylvania	Slippery Rock	PA	389
16	Calvin College	Grand Rapids	MI	380
17	Weber State University	Ogden	UT	373
18	San Jose State University	San Jose	CA	369
19	Southern Utah University	Cedar City	UT	357
20	University of Wisconsin—Oshkosh	Oshkosh	WI	346

BACCALAUREATE COLLEGES

1	St. Olaf College	Northfield	MN	534
2	Eckerd College	St. Petersburg	FL	405
3	Carthage College	Kenosha	WI	380
4	Taylor University	Upland	IN	376
5	DePauw University	Greencastle	IN	369
6	Spelman College	Atlanta	GA	327
7	Colorado College	Colorado Springs	CO	326
8	Furman University	Greenville	SC	312
9	Luther College	Decorah	IA	300
10	Wofford College	Spartanburg	SC	297
11	University of Richmond	Richmond	VA	279
12	Susquehanna University	Selinsgrove	PA	270
13	Gustavus Adolphus College	Saint Peter	MN	249
14	Washington and Lee University	Lexington	VA	245
15	Centre College	Danville	KY	241
15	Agnes Scott College	Decatur	GA	241
17	Hope College	Holland	MI	237
18	Centenary College of Louisiana	Shreveport	LA	226
19	Augustana College	Rock Island	IL	220
20	Berea College	Berea	KY	203

(cont'd)

2.23 LEADING INSTITUTIONS BY SHORT-TERM DURATION OF STUDY ABROAD AND INSTITUTIONAL TYPE*, 2017/18 (cont'd)

ASSOCIATE'S COLLEGES				Study abroad students
1	Pellissippi State Community College	Knoxville	TN	188
2	Orange Coast College	Costa Mesa	CA	170
3	College of DuPage	Glen Ellyn	IL	164
4	Kirkwood Community College	Cedar Rapids	IA	162
5	Glendale Community College	Glendale	CA	125
6	Valencia College	Orlando	FL	121
7	St. Petersburg College	St. Petersburg	FL	119
8	San Mateo County Community College	San Mateo	CA	107
9	Portland Community College	Portland	OR	95
10	Miami-Dade College	Miami	FL	94
11	Mesa Community College	Mesa	AZ	88
12	Austin Community College	Austin	TX	85
13	Fox Valley Technical College	Appleton	WI	75
13	Northampton Community College	Bethlehem	PA	75
15	Johnson County Community College	Overland Park	KS	74
15	Santa Barbara City College	Santa Barbara	CA	74
17	City College of San Francisco	San Francisco	CA	70
18	Southwest Tennessee Community College	Memphis	TN	69
19	Citrus College	Glendora	CA	68
20	Peralta Community College District	Oakland	CA	64

SPECIAL FOCUS INSTITUTIONS

1	Babson College	Wellesley	MA	206
2	Rhode Island School of Design	Providence	RI	150
3	School of the Art Institute of Chicago	Chicago	IL	146
4	University of Kansas Medical Center	Kansas City	KS	106
5	Chicago School of Professional Psychology	Chicago	IL	92
6	Middlebury College—Language Schools	Middlebury	VT	85
7	Massachusetts College of Art and Design	Boston	MA	83
8	Martin Luther College	New Ulm	MN	69
9	Pennsylvania State University—Penn State Hershey	Hershey	PA	68
9	University of Texas Health Science Center—San Antonio	San Antonio	TX	68
11	ArtCenter College of Design	Pasadena	CA	62
12	Pratt Institute	Brooklyn	NY	59
13	Maryland Institute College of Art	Baltimore	MD	50
14	Regis College	Weston	MA	49
15	University of Oklahoma Health Sciences Center	Oklahoma City	OK	47
16	Otis College of Art and Design	Los Angeles	CA	46
17	University of Nebraska Medical Center	Omaha	NE	45
18	Nichols College	Dudley	MA	43
19	Savannah College of Art and Design	Savannah	GA	39
20	University of California—San Francisco	San Francisco	CA	37

* Based on the 2018 Carnegie Classification of Institutions of Higher Education. These are not entirely comparable to classifications used in previous *Open Doors*. For more information, see <http://carnegieclassifications.iu.edu/index.php>.

U.S. Intensive English Programs

INTENSIVE ENGLISH PROGRAM TOTALS

3.1 IEP Enrollment by Total Students and Total Student-Weeks, 2000–2018 105

PROGRAM AND STUDENT CHARACTERISTICS

3.2 IEP Students and Student-Weeks by Program Type and Enrollment Status, 2018 105

3.3 IEP as Pathways to Full-Degree Programs, 2018 106

3.4 IEP Students Intending to Continue Further (Non-IEP) Study in the United States, 2018 106

PLACES OF ORIGIN

3.5 World Region of Origin of IEP Students, 2018 107

3.6 Top 25 Places of Origin of IEP Students, 2018 107

3.7 IEP Students and Student-Weeks by Place of Origin, 2018 108

U.S. DESTINATIONS

3.8 IEP Students and Student-Weeks by U.S. State, 2018 112

3.9 IEP Students and Student-Weeks by Enrollment Status for Top 4 Host States, 2018 112

3.10 Top 20 Places of Origin for the Top 4 States Hosting IEP Students, 2018 113

3.1 IEP ENROLLMENT BY TOTAL STUDENTS AND TOTAL STUDENT-WEEKS, 2000–2018

	IEP students	Student-weeks	Average weeks per student
2000	85,238	866,715	10.2
2001	78,521	865,603	11.0
2002	51,179	565,174	11.0
2003	43,003	495,939	11.5
2004	44,565	490,122	11.0
2005	43,580	557,311	12.8
2006	45,167	636,522	14.1
2007	54,487	694,830	12.8
2008	57,666	737,411	12.8
2009	51,282	731,867	14.3
2010	50,676	718,624	14.2
2011	72,711	1,089,296	15.0
2012	110,870	1,567,811	14.1
2013	125,973	1,861,385	14.8
2014	126,016	1,853,569	14.7
2015	133,335	1,993,917	15.0
2016	108,433	1,530,817	14.1
2017	86,786	1,226,151	14.1
2018	78,098	1,057,650	13.5

3.2 IEP STUDENTS AND STUDENT-WEEKS BY PROGRAM TYPE AND ENROLLMENT STATUS, 2018

Programs	Total students	Students taking fewer than 18 hours	Students taking 18 hours or more	Total student-weeks	Student-weeks with fewer than 18 hours	Student-weeks with 18 hours or more	
INDEPENDENT PROVIDERS	115	26,173	10,292	15,881	323,708	74,394	249,314
For-profit	106	24,357	9,940	14,417	302,172	73,440	228,732
Affiliated by contract with a higher education institution	70	14,264	4,983	9,281	209,433	41,381	168,052
Not affiliated by contract with a higher education institution	36	10,093	4,957	5,136	92,739	32,059	60,680
Not-for-profit	9	1,816	352	1,464	21,536	954	20,582
Affiliated by contract with a higher education institution	7	1,586	352	1,234	19,093	954	18,139
Not affiliated by contract with a higher education institution	2	230	0	230	2,443	0	2,443
COLLEGE OR UNIVERSITY GOVERNED	262	47,239	10,388	36,851	669,333	94,243	575,090
Private institution	70	9,750	2,408	7,342	121,178	18,945	102,233
Public institution	192	37,489	7,980	29,509	548,155	75,298	472,857
UNSPECIFIED PROGRAM TYPE	23	4,686	1,246	3,440	64,609	17,186	47,423
ALL PROGRAMS	400	78,098	21,926	56,172	1,057,650	185,823	871,827

3.3 IEP AS PATHWAYS TO FULL-DEGREE PROGRAMS, 2018

	Programs reporting	% for which IEP is part of a formal pathway program to further study at own or another institution
INDEPENDENT PROVIDERS*	54	48.1
For-profit*	45	51.1
Not-for-profit	9	33.3
Affiliated by contract with a higher education institution	7	42.9
Not affiliated by contract with a higher education institution	2	0.0
COLLEGE OR UNIVERSITY GOVERNED	262	46.6
Private institution	70	44.3
Public institution	192	47.4
ALL PROGRAMS REPORTING	316	46.8

* Data on independent providers should be interpreted with caution as only 47 percent of for-profit providers responded to this question.

3.4 IEP STUDENTS INTENDING TO CONTINUE FURTHER (NON-IEP) STUDY IN THE UNITED STATES, 2018

% of students intending further study	# of programs
25% or less	55
26% to 50%	87
51% to 75%	86
76% or greater	108
All reporting programs*	336
ALL PROGRAMS	400

Read table as: "Fifty-five programs reported that 25% or less of their IEP students intended to continue further (non-IEP) study in the United States."

	Students	% of IEP students
Estimated IEP students intending further study in the United States	32,266	46.7

* Not all programs provided further study data.

3.5 WORLD REGION OF ORIGIN OF IEP STUDENTS, 2018

	2018 students	% of world total	% change from 2017*
Asia	42,230	54.1	-8.2
Latin America & Caribbean	13,918	17.8	7.5
Middle East & North Africa	13,039	16.7	-18.4
Europe	7,804	10.0	-8.8
Africa, Sub-Saharan	1,062	1.4	-21.4
North America	25	0.0	**
Oceania	17	0.0	**
Stateless	3	0.0	**
TOTAL	78,098	100.0	-10.0

* Throughout this report, rates of change listed for the Intensive English Program survey have been controlled for changes in institutional reporting. Comparisons with the total reported in prior *Open Doors* are not possible.

** Rate of change not reported due to small totals for region.

3.6 TOP 25 PLACES OF ORIGIN OF IEP STUDENTS, 2018

	Students			Student-weeks			Average weeks per student, 2018
	2018 students	% of total	% change from 2017*	2018 student-weeks	% of total	% change from 2017*	
WORLD TOTAL	78,098	100.0	-20.0	1,057,650	100.0	-13.7	13.5
1 China	17,700	22.7	-11.2	279,703	26.4	-9.9	15.8
2 Japan	12,305	15.8	-0.4	139,896	13.2	-7.8	11.4
3 Saudi Arabia	9,661	12.4	-12.6	191,217	18.1	-2.5	19.8
4 Brazil	6,154	7.9	13.0	42,817	4.0	7.1	7.0
5 South Korea	5,619	7.2	-0.7	67,084	6.3	-5.6	11.9
6 Taiwan	2,662	3.4	-14.2	37,143	3.5	-14.9	14.0
7 Mexico	1,976	2.5	10.2	15,972	1.5	-6.9	8.1
8 Colombia	1,837	2.4	6.5	23,666	2.2	11.6	12.9
9 Kuwait	1,833	2.3	-29.3	30,780	2.9	-21.6	16.8
10 Italy	1,331	1.7	-4.7	4,847	0.5	-8.7	3.6
11 Vietnam	1,270	1.6	-36.7	23,562	2.2	-33.7	18.6
12 Turkey	1,079	1.4	-28.4	14,323	1.4	-17.6	13.3
13 France	1,045	1.3	11.1	8,228	0.8	14.6	7.9
14 Germany	951	1.2	6.1	8,896	0.8	1.6	9.4
15 Thailand	809	1.0	-22.2	12,654	1.2	-23.0	15.6
16 Switzerland	722	0.9	-13.3	5,201	0.5	-18.8	7.2
17 Panama	718	0.9	13.7	10,963	1.0	5.1	15.3
18 Russia	619	0.8	-16.8	5,059	0.5	-4.7	8.2
19 Argentina	608	0.8	28.5	3,470	0.3	11.6	5.7
20 Venezuela	599	0.8	-36.9	10,388	1.0	-24.0	17.3

(cont'd)

3.6 TOP 25 PLACES OF ORIGIN OF IEP STUDENTS, 2018 (cont'd)

		Students			Student-weeks			Average weeks per student, 2018
		2018 students	% of total	% change from 2017*	2018 student-weeks	% of total	% change from 2017*	
21	Chile	552	0.7	16.8	6,016	0.6	31.1	10.9
22	Spain	449	0.6	-7.5	3,615	0.3	-10.0	8.1
23	India	381	0.5	-7.8	5,396	0.5	-1.6	14.2
24	Oman	360	0.5	-39.5	9,749	0.9	-21.3	27.1
25	Peru	342	0.4	-1.8	4,231	0.4	-3.9	12.4

* Throughout this report, rates of change listed for the Intensive English Program survey have been controlled for changes in institutional reporting. Comparisons with the total reported in prior *Open Doors* are not possible.

3.7 IEP STUDENTS AND STUDENT-WEEKS BY PLACE OF ORIGIN, 2018

	Students	Student-weeks	Average weeks per student		Students	Student-weeks	Average weeks per student
AFRICA, SUB-SAHARAN	1,062	16,847	15.9	Southern Africa	157	2,809	17.9
Central Africa	330	5,576	16.9	Angola	66	1,565	23.7
Cameroon	51	776	15.2	Botswana	1	16	16.0
Central African Republic	2	30	15.0	Comoros	1	18	18.0
Chad	7	86	12.3	Lesotho	1	3	3.0
Congo, Dem. Rep. of (Kinshasa)	132	2,146	16.3	Madagascar	36	642	17.8
Congo, Rep. of (Brazzaville)	33	338	10.2	Malawi	1	4	4.0
Equatorial Guinea	56	1,150	20.5	Mauritius	1	30	30.0
Gabon	49	1,050	21.4	Mozambique	6	83	13.8
Sao Tome and Principe	0	0	-	Namibia	2	31	15.5
East Africa	128	1,748	13.7	Reunion	0	0	-
Burundi	2	25	12.5	South Africa	8	100	12.5
Djibouti	1	9	9.0	Swaziland	32	307	9.6
Eritrea	1	6	6.0	Zambia	2	10	5.0
Ethiopia	37	484	13.1	Zimbabwe	0	0	-
Kenya	31	429	13.8	West Africa	447	6,714	15.0
Rwanda	29	386	13.3	Benin	21	273	13.0
Seychelles	0	0	-	Burkina Faso	57	857	15.0
Somalia	4	74	18.5	Cabo Verde/Cape Verde	8	108	13.5
South Sudan	4	72	18.0	Cote d'Ivoire (Ivory Coast)	89	1,442	16.2
Sudan	4	40	10.0	Gambia	3	26	8.7
Tanzania	8	115	14.4	Ghana	17	302	17.8
Uganda	7	108	15.4	Guinea	12	204	17.0
				Guinea-Bissau	2	64	32.0

(cont'd)

3.7 IEP STUDENTS AND STUDENT-WEEKS BY PLACE OF ORIGIN, 2018 (cont'd)

	Students	Student-weeks	Average weeks per student		Students	Student-weeks	Average weeks per student
Liberia	5	56	11.2	Philippines	18	199	11.1
Mali	43	603	14.0	Singapore	11	258	23.5
Mauritania	18	204	11.3	Thailand	809	12,654	15.6
Niger	16	213	13.3	Timor-Leste/East Timor	0	0	-
Nigeria	77	1,085	14.1	Vietnam	1,270	23,562	18.6
Saint Helena	0	0	-				
Senegal	53	864	16.3	EUROPE	7,804	69,866	9.0
Sierra Leone	2	22	11.0	Albania	35	700	20.0
Togo	24	391	16.3	Andorra	5	3	0.6
				Armenia	7	62	8.9
ASIA	42,230	587,631	13.9	Austria	28	277	9.9
East Asia	38,600	529,133	13.7	Azerbaijan	32	436	13.6
China	17,700	279,703	15.8	Belarus	25	291	11.6
Hong Kong	100	1,844	18.4	Belgium	110	892	8.1
Japan	12,305	139,896	11.4	Bosnia and Herzegovina	6	70	11.7
Macau	18	321	17.8	Bulgaria	12	199	16.6
Mongolia	196	3,142	16.0	Croatia	10	72	7.2
North Korea	0	0	-	Cyprus	8	102	12.8
South Korea	5,619	67,084	11.9	Czech Republic	80	455	5.7
Taiwan	2,662	37,143	14.0	Denmark	252	2,277	9.0
				Estonia	5	63	12.6
South & Central Asia	1,093	15,201	13.9	Finland	17	463	27.2
Afghanistan	56	622	11.1	France	1,045	8,228	7.9
Bangladesh	23	677	29.4	Georgia	23	199	8.7
Bhutan	0	0	-	Germany	951	8,896	9.4
India	381	5,396	14.2	Gibraltar	0	0	-
Kazakhstan	305	3,750	12.3	Greece	26	350	13.5
Kyrgyzstan	43	502	11.7	Hungary	26	263	10.1
Maldives	1	17	17.0	Iceland	8	387	48.4
Nepal	52	683	13.1	Ireland	4	31	7.8
Pakistan	118	2,062	17.5	Italy	1,331	4,847	3.6
Sri Lanka	23	264	11.5	Kosovo	7	13	1.9
Tajikistan	29	396	13.7	Latvia	1	25	25.0
Turkmenistan	22	312	14.2	Liechtenstein	1	8	8.0
Uzbekistan	40	520	13.0	Lithuania	6	119	19.8
				Luxembourg	2	21	10.5
Southeast Asia	2,537	43,297	17.1	Macedonia	8	152	19.0
Brunei	0	0	-	Malta	1	37	37.0
Cambodia	39	614	15.7	Moldova	5	93	18.6
Indonesia	233	3,878	16.6	Monaco	0	0	-
Laos	58	553	9.5	Montenegro	1	12	12.0
Malaysia	39	627	16.1	Netherlands	104	1,477	14.2
Myanmar	60	952	15.9	Norway	195	3,461	17.7

(cont'd)

3.7 IEP STUDENTS AND STUDENT-WEEKS BY PLACE OF ORIGIN, 2018 (cont'd)

	Students	Student-weeks	Average weeks per student		Students	Student-weeks	Average weeks per student
Poland	147	1,074	7.3	Mexico & Central America	3,021	31,486	10.4
Portugal	54	465	8.6	Belize	1	10	10.0
Romania	12	135	11.3	Costa Rica	69	675	9.8
Russia	619	5,059	8.2	El Salvador	73	1,275	17.5
San Marino	0	0	-	Guatemala	61	668	11.0
Serbia	13	161	12.4	Honduras	90	1,397	15.5
Slovakia	20	193	9.7	Mexico	1,976	15,972	8.1
Slovenia	8	72	9.0	Nicaragua	33	526	15.9
Spain	449	3,615	8.1	Panama	718	10,963	15.3
Sweden	159	3,340	21.0	South America	10,660	97,521	9.1
Switzerland	722	5,201	7.2	Argentina	608	3,470	5.7
Turkey	1,079	14,323	13.3	Bolivia	122	1,882	15.4
Ukraine	129	1,084	8.4	Brazil	6,154	42,817	7.0
United Kingdom	15	154	10.3	Chile	552	6,016	10.9
Vatican City/Holy See	1	9	9.0	Colombia	1,837	23,666	12.9
LATIN AMERICA & CARIBBEAN	13,918	132,437	9.5	Ecuador	340	3,829	11.3
Caribbean	237	3,430	14.5	Falkland Islands	0	0	-
Anguilla	0	0	-	French Guiana	0	0	-
Antigua and Barbuda	1	4	4.0	Guyana	1	9	9.0
Aruba	1	34	34.0	Paraguay	82	982	12.0
Bahamas	0	0	-	Peru	342	4,231	12.4
Barbados	1	18	18.0	Suriname	1	17	17.0
Bermuda	0	0	-	Uruguay	22	214	9.7
British Virgin Islands	1	9	9.0	Venezuela	599	10,388	17.3
Cayman Islands	0	0	-	MIDDLE EAST & NORTH AFRICA	13,039	250,302	19.2
Cuba	26	433	16.7	Middle East	12,776	246,008	19.3
Curacao	0	0	-	Bahrain	14	145	10.4
Dominica	5	43	8.6	Iran	77	1,192	15.5
Dominican Republic	120	1,509	12.6	Iraq	69	830	12.0
Grenada	1	4	4.0	Israel	88	810	9.2
Guadeloupe	1	9	9.0	Jordan	192	3,178	16.6
Haiti	71	1,265	17.8	Kuwait	1,833	30,780	16.8
Jamaica	3	54	18.0	Lebanon	23	337	14.7
Martinique	4	39	9.8	Oman	360	9,749	27.1
Montserrat	0	0	-	Palestinian Territories	53	704	13.3
Sint Maarten	2	9	4.5	Qatar	93	1,733	18.6
St. Kitts and Nevis	0	0	-	Saudi Arabia	9,661	191,217	19.8
St. Lucia	0	0	-	Syria	16	195	12.2
St. Vincent and the Grenadines	0	0	-	United Arab Emirates	248	4,281	17.3
Trinidad and Tobago	0	0	-	Yemen	49	857	17.5
Turks and Caicos Islands	0	0	-				

(cont'd)

3.7 IEP STUDENTS AND STUDENT-WEEKS BY PLACE OF ORIGIN, 2018 (cont'd)

	Students	Student-weeks	Average weeks per student		Students	Student-weeks	Average weeks per student
North Africa	263	4,294	16.3	Nauru	0	0	-
Algeria	30	433	14.4	New Caledonia	0	0	-
Egypt	82	1,445	17.6	New Zealand	5	70	14.0
Libya	85	1,448	17.0	Niue	0	0	-
Morocco	34	505	14.9	Norfolk Islands	0	0	-
Tunisia	32	463	14.5	Palau	0	0	-
NORTH AMERICA	25	338	13.5	Papua New Guinea	0	0	-
Canada	25	338	13.5	Samoa	0	0	-
OCEANIA	17	162	9.5	Solomon Islands	0	0	-
Australia	7	43	6.1	Tonga	0	0	-
Cook Islands	0	0	-	Tuvalu	0	0	-
Fiji	0	0	-	Vanuatu	0	0	-
French Polynesia	2	13	6.5	Wallis and Futuna	1	18	18.0
Kiribati	2	18	9.0	STATELESS	3	67	22.3
Marshall Islands	0	0	-	TOTAL	78,098	1,057,650	13.5
Micronesia	0	0	-				

3.8 IEP STUDENTS AND STUDENT-WEEKS BY U.S. STATE, 2018

	Programs	Total students	Student-weeks		Programs	Total students	Student-weeks
Alabama	7	788	10,967	Montana	1	63	1,036
Alaska	*	*	*	Nebraska	4	405	7,359
Arizona	3	1,740	26,869	Nevada	1	153	2,192
Arkansas	4	383	6,691	New Hampshire	2	250	5,498
California	50	18,003	190,522	New Jersey	4	345	5,666
Colorado	7	1,457	19,813	New Mexico	3	232	2,531
Connecticut	4	306	4,420	New York	32	7,999	77,975
Delaware	1	904	15,744	North Carolina	8	786	13,648
District of Columbia	4	377	5,046	North Dakota	1	82	2,232
Florida	16	3,844	55,294	Ohio	19	1,756	30,221
Georgia	11	1,227	17,815	Oklahoma	4	648	10,012
Hawaii	6	951	10,942	Oregon	10	2,823	53,498
Idaho	2	179	2,636	Pennsylvania	17	3,353	40,521
Illinois	20	2,525	33,687	Rhode Island	1	40	1,320
Indiana	11	1,160	16,883	South Carolina	3	377	5,750
Iowa	5	340	7,401	South Dakota	2	35	650
Kansas	6	1,074	14,739	Tennessee	10	785	12,019
Kentucky	5	294	4,549	Texas	20	4,729	64,895
Louisiana	6	392	5,571	Utah	6	1,514	24,667
Maine	*	*	*	Vermont	2	370	5,782
Maryland	5	555	9,990	Virginia	6	1,122	19,853
Massachusetts	10	3,956	45,053	Washington	16	4,669	85,367
Michigan	11	1,305	20,008	West Virginia	3	422	7,725
Minnesota	6	720	11,373	Wisconsin	10	718	10,937
Mississippi	5	261	4,101	Wyoming	*	*	*
Missouri	10	1,681	26,182	U.S. TOTAL	400	78,098	1,057,650

* Data not available. Programs with multiple locations in different states that did not provide separate data for each program are not included in the state breakdown.

3.9 IEP STUDENTS AND STUDENT-WEEKS BY ENROLLMENT STATUS FOR TOP 4 HOST STATES, 2018

	ALL STATES	CALIFORNIA	NEW YORK	TEXAS	WASHINGTON
	% of students	% of students	% of students	% of students	% of students
Full-time (18 or more hours per week)	73.4	66.6	54.8	80.2	66.4
Part-time	26.6	33.4	45.2	19.8	33.6
Total students	78,098	18,003	7,999	4,729	4,669
	% of student-weeks	% of student-weeks	% of student-weeks	% of student-weeks	% of student-weeks
Full-time (18 or more hours per week)	83.9	84.9	75.7	88.7	80.5
Part-time	16.1	15.1	24.3	11.3	19.5
Total student-weeks	1,057,650	190,522	77,975	64,895	85,367

3.10 TOP 20 PLACES OF ORIGIN FOR THE TOP 4 STATES HOSTING IEP STUDENTS, 2018

1 CALIFORNIA			3 TEXAS		
	Students	% of students		Students	% of students
State total	18,003	100.0	State total	4,729	100.0
1 Japan	3,765	20.9	1 Saudi Arabia	764	16.2
2 China	3,758	20.9	2 China	564	11.9
3 Brazil	2,953	16.4	3 Mexico	508	10.7
4 South Korea	1,464	8.1	4 South Korea	495	10.5
5 Saudi Arabia	1,036	5.8	5 Brazil	316	6.7
6 Taiwan	832	4.6	6 Japan	250	5.3
7 Switzerland	512	2.8	7 Turkey	169	3.6
8 Kuwait	437	2.4	8 Colombia	142	3.0
9 France	343	1.9	9 Vietnam	141	3.0
10 Italy	272	1.5	10 Taiwan	139	2.9
11 Turkey	266	1.5	11 Venezuela	131	2.8
12 Argentina	215	1.2	12 Kuwait	99	2.1
13 Russia	194	1.1	13 Panama	63	1.3
14 Vietnam	178	1.0	14 India	60	1.3
15 Mexico	169	0.9	15 Equatorial Guinea	55	1.2
16 Germany	152	0.8	16 Jordan	46	1.0
17 Colombia	132	0.7	17 Angola	45	1.0
18 Kazakhstan	130	0.7	18 Argentina	41	0.9
18 Thailand	130	0.7	19 France	36	0.8
20 Spain	112	0.6	19 Thailand	36	0.8
2 NEW YORK			4 WASHINGTON		
	Students	% of students		Students	% of students
State total	7,999	100.0	State total	4,669	100.0
1 China	1,831	22.9	1 China	1,395	29.9
2 Brazil	866	10.8	2 Japan	1,181	25.3
3 Japan	800	10.0	3 Saudi Arabia	420	9.0
4 Italy	775	9.7	4 Taiwan	337	7.2
5 South Korea	664	8.3	5 South Korea	283	6.1
6 Taiwan	291	3.6	6 Vietnam	261	5.6
7 Germany	268	3.4	7 Thailand	89	1.9
8 Colombia	267	3.3	8 India	51	1.1
9 France	263	3.3	9 Denmark	45	1.0
10 Turkey	221	2.8	9 Mongolia	45	1.0
11 Saudi Arabia	214	2.7	11 Brazil	39	0.8
12 Russia	185	2.3	12 Turkey	36	0.8
13 Spain	119	1.5	13 France	35	0.7
14 Thailand	115	1.4	14 Germany	32	0.7
15 Switzerland	100	1.3	15 Hong Kong	27	0.6
16 Mexico	99	1.2	15 Mexico	27	0.6
17 Argentina	89	1.1	17 Colombia	23	0.5
18 Denmark	83	1.0	18 Indonesia	21	0.4
19 Israel	48	0.6	19 Kuwait	19	0.4
19 Kazakhstan	48	0.6	20 Kazakhstan	15	0.3

International Scholars in the United States

SCHOLAR CHARACTERISTICS

- 4.1 Visa Status, Gender, and Primary Function of International Scholars, 2014/15–2018/19 115
 - 4.2 Major Field of Specialization of International Scholars, 2014/15–2018/19 115
 - 4.3 Detailed Major Field of Specialization of International Scholars, 2017/18 & 2018/19 116
-

PLACES OF ORIGIN

- 4.4 Top 25 Places of Origin of International Scholars, 2017/18 & 2018/19 117
 - 4.5 International Scholars by Place of Origin, 2017/18 & 2018/19 118
-

U.S. DESTINATIONS AND INSTITUTIONS

- 4.6 International Scholars by State or Territory, 2014/15–2018/19 121
- 4.7 Leading Institutions Hosting International Scholars, 2018/19 123

4.1 VISA STATUS, GENDER, AND PRIMARY FUNCTION OF INTERNATIONAL SCHOLARS, 2014/15–2018/19

		% of total scholars				
		2014/15	2015/16	2016/17	2017/18	2018/19
Visa status	J-1 Scholar	72.4	71.2	71.2	71.1	70.1
	H-1B	20.3	19.4	18.8	18.1	19.2
	F-1 OPT*	–	3.5	4.3	4.5	5.2
	B*	–	2.3	2.4	2.5	2.0
	TN	1.2	1.1	1.0	0.9	0.9
	O-1	0.5	0.5	0.5	0.6	0.6
	Other	5.6	2.0	1.8	2.3	2.1
Gender	Male	61.1	60.0	58.5	60.3	59.8
	Female	38.9	40.0	41.5	39.7	40.2
Primary function	Research	77.1	80.9	80.1	79.9	78.8
	Teaching	6.9	7.6	7.3	7.3	7.3
	Both research & teaching	9.4	4.6	5.7	5.6	7.4
	Clinical**	–	2.2	2.7	2.2	2.5
	Other function	6.6	4.7	4.2	4.9	4.1
TOTAL		124,861	134,014	134,379	135,009	136,563

* Beginning in 2015/16 B and F-1 OPT visas were reported separately.

** Beginning in 2015/16 the Primary Function of “Clinical” was reported separately.

Note: International scholar data include only scholars at higher education institutions and does not include scholars in non-university settings.

4.2 MAJOR FIELD OF SPECIALIZATION OF INTERNATIONAL SCHOLARS, 2014/15–2018/19

		% of total scholars				
		2014/15	2015/16	2016/17	2017/18	2018/19
Science, technology, engineering, and math		74.2	76.0	76.0	77.0	77.3
<i>Physical and life sciences</i>		34.7	34.7	33.7	34.3	35.3
<i>Engineering</i>		16.2	16.6	17.1	17.6	17.7
<i>Health professions</i>		13.1	14.2	14.6	14.4	13.3
<i>Math and computer science</i>		5.7	6.2	6.0	6.0	6.3
<i>Agriculture</i>		4.5	4.2	4.6	4.7	4.8
Social sciences		8.0	7.7	7.1	7.2	6.8
Business and management		3.3	3.5	3.2	3.5	3.7
Humanities		3.8	3.7	3.5	3.7	3.4
Fine and applied arts		1.7	2.0	1.8	1.8	1.9
Education		1.9	2.0	1.8	1.7	1.7
Legal studies and law enforcement*		1.6	1.6	1.5	1.4	1.4
Communications and journalism*		0.9	0.9	0.8	0.9	0.9
Other fields of study		4.3	2.7	4.3	2.7	2.9

*Beginning in 2014/15, communications & journalism and legal studies & law enforcement were reported separately.

Note: Percent of total may not sum to 100.0 due to rounding.

4.3 DETAILED MAJOR FIELD OF SPECIALIZATION OF INTERNATIONAL SCHOLARS, 2017/18 & 2018/19

	2017/18	2018/19	% change		2017/18	2018/19	% change
Agriculture	6,278	6,493	3.4	Legal studies and law enforcement	1,947	1,963	0.8
Agriculture	5,158	5,117	-0.8	Legal professions and studies	1,865	1,869	0.2
Natural resources and conservation	1,120	1,376	22.9	Homeland security, law enforcement, and firefighting	82	94	14.6
Business and management	4,686	4,993	6.6	Math and computer science	8,100	8,594	6.1
Communications and journalism	1,213	1,233	1.6	Computer and information sciences	4,300	4,785	11.3
Communication, journalism	1,077	1,096	1.8	Mathematics and statistics	3,800	3,809	0.2
Communications technologies/technicians	136	137	0.7	Physical and life sciences	46,308	48,217	4.1
Education	2,356	2,372	0.7	Biological and biomedical sciences	32,028	34,235	6.9
Engineering	23,820	24,182	1.5	Physical sciences	14,146	13,798	-2.5
Engineering	22,556	22,982	1.9	Science technologies/technicians	134	184	37.3
Engineering technologies/technicians	1,169	1,063	-9.1	Social sciences	9,750	9,277	-4.9
Transportation and materials moving	65	113	73.8	Social sciences	5,139	4,762	-7.3
Mechanic and repair technologies/technicians	10	7	-30.0	Psychology	1,407	1,380	-1.9
Construction trades	16	10	-37.5	Public administration and social service professions	884	933	5.5
Precision production	0	0	0.0	Area, ethnic, cultural, and gender studies	1,680	1,579	-6.0
Military technologies	4	7	75.0	History	640	623	-2.7
Fine and applied arts	2,384	2,537	6.4	Other fields of specialization	3,689	3,915	6.1
Visual and performing arts	1,435	1,525	6.3	Liberal arts and sciences/general studies	592	772	30.4
Architecture	949	1,012	6.6	Multi/interdisciplinary studies	938	1,014	8.1
Health professions	19,489	18,122	-7.0	Parks, recreation, leisure, and fitness studies	394	453	15.0
Health professions	18,443	16,926	-8.2	Family and consumer sciences/human sciences	280	341	21.8
Residency programs	1,046	1,196	14.3	Basic skills	20	84	320.0
Humanities	4,989	4,665	-6.5	Personal and culinary services	5	38	660.0
Foreign languages, literatures, and linguistics	2,936	2,905	-1.1	Library science	285	248	-13.0
English language and literature/letters	1,062	793	-25.3	Reserve Officer Training Corps	4	1	-75.0
Theology and religious vocations	69	67	-2.9	Other	1,171	964	-17.7
Philosophy and religious studies	922	900	-2.4	TOTAL	135,009	136,563	1.2

4.4 TOP 25 PLACES OF ORIGIN OF INTERNATIONAL SCHOLARS, 2017/18 & 2018/19

	2017/18	2018/19	% of total	% change
WORLD TOTAL	135,009	136,563	100.0	1.2
1 China	46,256	47,964	35.1	3.7
2 India	12,652	14,073	10.3	11.2
3 South Korea	7,265	7,173	5.3	-1.3
4 Germany	5,071	4,807	3.5	-5.2
5 Canada	4,688	4,634	3.4	-1.2
6 Brazil	4,096	4,275	3.1	4.4
7 France	4,315	4,132	3.0	-4.2
8 Japan	4,310	4,079	3.0	-5.4
9 Italy	4,070	4,062	3.0	-0.2
10 Spain	3,086	2,926	2.1	-5.2
11 United Kingdom	2,729	2,701	2.0	-1.0
12 Taiwan	2,060	1,996	1.5	-3.1
13 Turkey	1,985	1,942	1.4	-2.2
14 Iran	1,984	1,827	1.3	-7.9
15 Mexico	1,803	1,742	1.3	-3.4
16 Israel	1,643	1,599	1.2	-2.7
17 Colombia	1,174	1,159	0.8	-1.3
18 Netherlands	1,226	1,140	0.8	-7.0
19 Australia	1,120	1,115	0.8	-0.4
20 Pakistan	971	1,022	0.7	5.3
21 Russia	1,002	985	0.7	-1.7
22 Egypt	837	916	0.7	9.4
23 Greece	893	836	0.6	-6.4
24 Poland	796	794	0.6	-0.3
25 Argentina	674	696	0.5	3.3

4.5 INTERNATIONAL SCHOLARS BY PLACE OF ORIGIN, 2017/18 & 2018/19

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
AFRICA, SUB-SAHARAN	2,479	2,381	1.7	-4.0	Cabo Verde/Cape Verde	3	2		-33.3
East Africa	801	712	0.5	-11.1	Côte d'Ivoire/Ivory Coast	18	17		-5.6
Burundi	7	2		-71.4	Gambia	10	11		10.0
Djibouti	8	4		-50.0	Ghana	275	251		-8.7
Eritrea	7	5		-28.6	Guinea	2	2		0.0
Ethiopia	238	223		-6.3	Guinea-Bissau	0	0		0.0
Kenya	237	225		-5.1	Liberia	8	14		75.0
Rwanda	92	39		-57.6	Mali	12	24		100.0
Seychelles	5	1		-80.0	Mauritania	10	9		-10.0
Somalia	2	0		-100.0	Niger	5	11		120.0
South Sudan	4	5		25.0	Nigeria	553	531		-4.0
Sudan	36	44		22.2	Saint Helena	0	0		0.0
Tanzania	48	51		6.3	Senegal	44	43		-2.3
Uganda	117	113		-3.4	Sierra Leone	14	13		-7.1
Central Africa	119	130	0.1	9.2	Togo	13	10		-23.1
Cameroon	77	83		7.8	ASIA	77,694	80,490	58.9	3.6
Central African Republic	0	0		0.0	East Asia	60,247	61,574	45.1	2.2
Chad	4	5		25.0	China	46,256	47,964		3.7
Congo, Dem. Rep. of the (Kinshasa)	22	22		0.0	Hong Kong	312	308		-1.3
Congo, Rep. of the (Brazzaville)	9	7		-22.2	Japan	4,310	4,079		-5.4
Equatorial Guinea	0	2		-	Macau	11	19		72.7
Gabon	7	11		57.1	Mongolia	33	35		6.1
São Tomé and Príncipe	0	0		0.0	North Korea	0	0		0.0
Southern Africa	560	572	0.4	2.1	South Korea	7,265	7,173		-1.3
Angola	3	9		200.0	Taiwan	2,060	1,996		-3.1
Botswana	33	32		-3.0	South & Central Asia	14,938	16,509	12.1	10.5
Comoros	2	7		250.0	Afghanistan	26	26		0.0
Eswatini	9	11		22.2	Bangladesh	397	405		2.0
Lesotho	7	9		28.6	Bhutan	4	1		-75.0
Madagascar	24	24		0.0	India	12,652	14,073		11.2
Malawi	31	36		16.1	Kazakhstan	189	166		-12.2
Mauritius	23	25		8.7	Kyrgyzstan	32	28		-12.5
Mozambique	9	7		-22.2	Maldives	2	3		50.0
Namibia	11	12		9.1	Nepal	380	453		19.2
Reunion	0	0		0.0	Pakistan	971	1,022		5.3
South Africa	273	264		-3.3	Sri Lanka	236	239		1.3
Zambia	31	36		16.1	Tajikistan	18	21		16.7
Zimbabwe	104	100		-3.8	Turkmenistan	7	25		257.1
West Africa	999	967	0.7	-3.2	Uzbekistan	24	47		95.8
Benin	14	15		7.1	Southeast Asia	2,509	2,407	1.8	-4.1
Burkina Faso	18	14		-22.2	Brunei	5	1		-80.0
					Cambodia	23	25		8.7

(cont'd)

(cont'd)

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
Indonesia	225	190		-15.6	Montenegro	12	15		25.0
Laos	3	2		-33.3	Netherlands	1,226	1,140		-7.0
Malaysia	334	318		-4.8	Norway	508	443		-12.8
Myanmar	42	63		50.0	Poland	796	794		-0.3
Philippines	363	324		-10.7	Portugal	488	452		-7.4
Singapore	337	307		-8.9	Romania	235	273		16.2
Thailand	729	654		-10.3	Russia	1,002	985		-1.7
Timor-Leste/East Timor	1	1		0.0	San Marino	1	1		0.0
Vietnam	447	522		16.8	Serbia	198	177		-10.6
EUROPE	32,493	31,246	22.9	-3.8	Slovakia	134	134		0.0
Albania	48	49		2.1	Slovenia	97	85		-12.4
Andorra	2	3		50.0	Spain	3,086	2,926		-5.2
Armenia	49	74		51.0	Sweden	628	539		-14.2
Austria	528	500		-5.3	Switzerland	719	695		-3.3
Azerbaijan	44	39		-11.4	Turkey	1,985	1,942		-2.2
Belarus	57	51		-10.5	Ukraine	312	311		-0.3
Belgium	568	490		-13.7	United Kingdom	2,729	2,701		-1.0
Bosnia and Herzegovina	38	29		-23.7	Vatican City/Holy See	0	0		0.0
Bulgaria	173	177		2.3	Europe, unspecified	0	2		-
Croatia	147	139		-5.4	LATIN AMERICA & CARIBBEAN	9,919	10,153	7.4	2.4
Cyprus	88	86		-2.3	Caribbean	385	394	0.3	2.3
Czech Republic	266	297		11.7	Anguilla	1	1		0.0
Denmark	513	464		-9.6	Antigua and Barbuda	4	5		25.0
Estonia	61	59		-3.3	Aruba	1	3		200.0
Finland	328	295		-10.1	Bahamas	37	38		2.7
France	4,315	4,132		-4.2	Barbados	13	25		92.3
Georgia	76	69		-9.2	Bermuda	6	3		-50.0
Germany	5,071	4,807		-5.2	British Virgin Islands	0	7		-
Gibraltar	0	1		-	Cayman Islands	1	0		-100.0
Greece	893	836		-6.4	Cuba	66	48		-27.3
Hungary	304	276		-9.2	Curacao	1	0		-100.0
Iceland	43	43		0.0	Dominica	4	10		150.0
Ireland	433	445		2.8	Dominican Republic	42	45		7.1
Italy	4,070	4,062		-0.2	Grenada	5	3		-40.0
Kosovo	16	16		0.0	Guadeloupe	0	0		0.0
Latvia	37	32		-13.5	Haiti	21	26		23.8
Liechtenstein	4	2		-50.0	Jamaica	95	101		6.3
Lithuania	55	70		27.3	Martinique	0	0		0.0
Luxembourg	15	21		40.0	Montserrat	0	0		0.0
Macedonia	33	32		-3.0	Saint Kitts & Nevis	1	3		200.0
Malta	8	10		25.0	Saint Lucia	11	10		-9.1
Moldova	53	23		-56.6	Saint Vincent & Grenadines	0	1		-
Monaco	1	2		100.0					

(cont'd)

4.5 INTERNATIONAL SCHOLARS BY PLACE OF ORIGIN, 2017/18 & 2018/19 (cont'd)

	2017/18	2018/19	% of total	% change		2017/18	2018/19	% of total	% change
Sint Maarten	0	0		0.0	Qatar	1	5		400.0
Trinidad and Tobago	76	65		-14.5	Saudi Arabia	613	660		7.7
Turks and Caicos	0	0		0.0	Syria	109	79		-27.5
Mexico & Central America	2,189	2,146	1.6	-2.0	United Arab Emirates	38	41		7.9
Belize	10	11		10.0	Yemen	13	26		100.0
Costa Rica	99	115		16.2	North Africa	1,217	1,283	0.9	5.4
El Salvador	65	63		-3.1	Algeria	81	62		-23.5
Guatemala	85	74		-12.9	Egypt	837	916		9.4
Honduras	71	89		25.4	Libya	49	53		8.2
Mexico	1,803	1,742		-3.4	Morocco	122	132		8.2
Nicaragua	19	25		31.6	Tunisia	128	120		-6.3
Panama	37	27		-27.0	NORTH AMERICA	4,688	4,634	3.4	-1.2
South America	7,345	7,613	5.6	3.6	Canada	4,688	4,634		-1.2
Argentina	674	696		3.3	OCEANIA	1,375	1,411	1.0	2.6
Bolivia	63	72		14.3	Australia	1,120	1,115		-0.4
Brazil	4,096	4,275		4.4	Cook Islands	0	1		-
Chile	492	553		12.4	Fiji	2	2		0.0
Colombia	1,174	1,159		-1.3	French Polynesia	1	0		-100.0
Ecuador	191	174		-8.9	Kiribati	0	2		-
Falkland Islands	0	0		0.0	Marshall Islands	0	0		0.0
French Guiana	1	0		-100.0	Micronesia	2	2		0.0
Guyana	12	11		-8.3	Nauru	0	0		0.0
Paraguay	26	24		-7.7	New Caledonia	0	0		0.0
Peru	307	332		8.1	New Zealand	243	266		9.5
Suriname	5	4		-20.0	Niue	2	2		0.0
Uruguay	52	69		32.7	Norfolk Island	0	0		0.0
Venezuela	252	244		-3.2	Palau	0	2		-
MIDDLE EAST & NORTH AFRICA	6,356	6,246	4.6	-1.7	Papua New Guinea	1	10		900.0
Middle East	5,139	4,963	3.6	-3.4	Samoa	0	7		-
Bahrain	14	14		0.0	Solomon Islands	0	0		0.0
Iran	1,984	1,827		-7.9	Tonga	4	2		-50.0
Iraq	74	68		-8.1	Tuvalu	0	0		0.0
Israel	1,643	1,599		-2.7	Vanuatu	0	0		0.0
Jordan	230	247		7.4	Wallis and Futuna	0	0		0.0
Kuwait	53	32		-39.6	STATELESS	5	2	0.0	-60.0
Lebanon	311	304		-2.3	WORLD TOTAL	135,009	136,563	100.0	1.2
Oman	21	25		19.0					
Palestinian Territories	35	36		2.9					

Note: Percent distributions may not sum to 100.0 because of rounding.

4.6 INTERNATIONAL SCHOLARS BY STATE OR TERRITORY, 2014/15–2018/19

	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
Alabama	1,159	1,176	1,200	1,624	1,679	3.4
Alaska	22	103	92	92	72	-21.7
Arizona	2,466	2,840	2,845	2,635	2,518	-4.4
Arkansas	362	402	349	310	331	6.8
California	22,252	24,505	24,050	24,000	24,087	0.4
Colorado	1,879	2,387	2,238	1,619	1,852	14.4
Connecticut	2,815	2,869	3,120	3,177	3,192	0.5
Delaware	559	458	494	456	450	-1.3
District of Columbia	613	657	1,048	1,063	968	-8.9
Florida	3,561	3,614	3,600	3,832	4,013	4.7
Georgia	3,542	3,630	3,538	3,827	3,782	-1.2
Hawaii	603	537	522	508	461	-9.3
Idaho	51	62	14	92	87	-5.4
Illinois	5,855	6,312	6,245	6,321	6,363	0.7
Indiana	2,698	2,802	2,677	3,025	3,351	10.8
Iowa	1,308	1,264	1,303	1,248	1,307	4.7
Kansas	1,021	1,135	1,249	1,059	1,045	-1.3
Kentucky	1,129	1,241	1,091	1,282	1,373	7.1
Louisiana	466	824	819	837	811	-3.1
Maine	95	120	159	175	144	-17.7
Maryland	4,754	4,662	4,776	4,676	4,658	-0.4
Massachusetts	10,011	11,178	12,813	12,771	11,705	-8.3
Michigan	4,938	5,197	5,052	5,182	5,077	-2.0
Minnesota	2,190	2,159	1,625	1,528	1,614	5.6
Mississippi	323	312	231	244	247	1.2
Missouri	2,407	2,605	2,570	2,888	3,172	9.8
Montana	187	260	258	243	181	-25.5
Nebraska	839	966	1,032	1,160	1,117	-3.7
Nevada	402	458	471	301	254	-15.6
New Hampshire	421	386	374	430	441	2.6
New Jersey	2,246	2,361	2,424	2,601	2,875	10.5
New Mexico	470	376	406	372	420	12.9
New York	9,756	10,337	9,680	9,963	10,475	5.1
North Carolina	4,520	4,624	4,631	4,761	4,950	4.0
North Dakota	386	308	236	227	294	29.5
Ohio	3,916	4,152	2,874	3,069	3,845	25.3
Oklahoma	571	834	679	613	680	10.9
Oregon	866	908	874	843	845	0.2
Pennsylvania	7,283	7,787	8,049	7,694	7,836	1.8
Rhode Island	834	773	789	772	857	11.0

(cont'd)

4.6 INTERNATIONAL SCHOLARS BY STATE OR TERRITORY, 2014/15–2018/19 (cont'd)

	2014/15	2015/16	2016/17	2017/18	2018/19	% change from 2017/18
South Carolina	879	769	710	658	703	6.8
South Dakota	36	49	86	93	85	-8.6
Tennessee	1,766	1,749	1,659	1,212	1,288	6.3
Texas	5,603	6,765	8,332	7,885	8,094	2.7
Utah	625	692	785	738	790	7.0
Vermont	267	434	417	413	433	4.8
Virginia	1,206	1,256	1,256	1,500	1,429	-4.7
Washington	2,262	2,195	2,096	2,191	2,187	-0.2
West Virginia	165	167	223	582	512	-12.0
Wisconsin	2,210	2,255	2,005	2,176	1,572	-27.8
Wyoming	*	*	*	*	*	—
Puerto Rico	66	102	313	41	41	0.0
Virgin Islands	*	*	*	*	*	—
U.S. TOTAL	124,861	134,014	134,379	135,009	136,563	1.2

* Did not report

4.7 LEADING INSTITUTIONS HOSTING INTERNATIONAL SCHOLARS, 2018/19

			International scholars
1	Harvard University	Cambridge MA	5,278
2	Stanford University	Stanford CA	3,964
3	University of California — Los Angeles	Los Angeles CA	3,598
4	Columbia University	New York NY	3,464
5	University of California — Berkeley	Berkeley CA	3,107
6	University of Michigan — Ann Arbor	Ann Arbor MI	2,899
7	Yale University	New Haven CT	2,789
8	University of California — San Diego	La Jolla CA	2,697
9	Johns Hopkins University	Baltimore MD	2,599
10	University of California — Davis	Davis CA	2,440
11	Massachusetts Institute of Technology	Cambridge MA	2,146
12	Duke University and Medical Center	Durham NC	2,036
13	University of Illinois — Urbana-Champaign	Champaign IL	1,980
14	University of Pittsburgh — Pittsburgh	Pittsburgh PA	1,866
15	University of California — San Francisco	San Francisco CA	1,853
16	Purdue University — West Lafayette	West Lafayette IN	1,807
17	University of Pennsylvania	Philadelphia PA	1,731
18	University of Florida	Gainesville FL	1,708
19	Ohio State University — Columbus	Columbus OH	1,664
20	Northwestern University	Evanston IL	1,616
21	University of Washington	Seattle WA	1,597
22	Washington University in St. Louis	Saint Louis MO	1,572
23	Cornell University	Ithaca NY	1,532
24	University of Minnesota — Twin Cities	Minneapolis MN	1,523
25	Rutgers University — New Brunswick and Rutgers Biomedical and Health Sciences	New Brunswick NJ	1,420
26	New York University	New York NY	1,400
27	University of North Carolina — Chapel Hill	Chapel Hill NC	1,360
28	University of Southern California	Los Angeles CA	1,357
29	University of Arizona	Tucson AZ	1,304
30	University of California — Irvine	Irvine CA	1,301
31	Texas A&M University — College Station	College Station TX	1,300
32	Boston University	Boston MA	1,294
33	Princeton University	Princeton NJ	1,291
34	University of Maryland — College Park	College Park MD	1,290
35	Georgia Institute of Technology	Atlanta GA	1,220
35	University of Texas — Austin	Austin TX	1,220
37	Michigan State University	East Lansing MI	1,199
38	Pennsylvania State University — University Park	University Park PA	1,155
39	University of Wisconsin — Madison	Madison WI	1,143
40	Emory University	Atlanta GA	1,095

Methodology

IN THIS SECTION

- 5.1 Response Rate for Individual Variables: International Student Census, 2008/09–2018/19 126
- 5.2 Response Rate for Individual Variables: U.S. Study Abroad Survey, 2007/08–2017/18 126
- 5.3 Response Rate for Individual Variables: Intensive English Program Survey, 2018 127
- 5.4 Response Rate for Individual Variables: International Scholar Survey, 2008/09–2018/19 127

HISTORY OF OPEN DOORS

Since its founding in 1919, the Institute of International Education (IIE) has conducted an annual census of international students in the United States. For the first 30 years, IIE and the Committee on Friendly Relations Among Foreign Students carried out this effort jointly. IIE's first independent publication of the annual census results, titled *Education for One World*, reported on 1948/49 academic year data. It was renamed the *Open Doors Report on International Educational Exchange* in 1954/55, and in 1972, began receiving support from the Bureau of Educational and Cultural Affairs of the United States Information Agency, now part of the U.S. Department of State. *Open Doors* has long been regarded as the comprehensive information resource on international students and scholars in the United States and on U.S. students studying abroad.

COUNTRY CLASSIFICATION SYSTEM

The classification of countries and other places of origin into regional groupings used throughout this report is based on the U.S. Department of State's list of world regions and states.¹ The fields of study used in this report are from *Classification of Instructional Programs*, 2010 Edition, published by the National Center for Education Statistics (NCES) of the U.S. Department of Education.² In addition to the NCES fields, IIE has a separate category for intensive English language.

The 2018 Carnegie Classification of Institutions of Higher Education for institution types was used for the first time in this year's report.³ The 2018 Carnegie Classification revised institutional categories and, as a result, some institutions have a new institutional classification. As *Open Doors* uses the Carnegie system for its institutional-

level analyses and rankings, comparisons within institutional categories from previous *Open Doors* reports may not be possible.

Open Doors uses enrollment data from the U.S. Department of Education's NCES to calculate the proportion of international students in U.S. higher education. The NCES enrollment data used in *Open Doors* calculations are current at the time of publication and are not adjusted to reflect subsequent revisions made by NCES.

INTERNATIONAL STUDENT CENSUS SURVEY

For the purposes of the International Student Census Survey, an international student is defined as an individual who is enrolled in coursework at an accredited, degree-granting higher education institution in the United States on a temporary visa that allows for academic study. Individuals who do not meet this definition, such as immigrants (permanent resident with an I-151 or Green Card), U.S. citizens, undocumented immigrants, those with deferred action status, or refugees/asylees are not included. Individuals participating in OPT are considered students in the Department of Homeland Security's Student and Exchange Visitor Information System and are included in the *Open Doors* international student totals.

The survey was administered in January 2019 to 2,796 U.S. higher education institutions, with follow ups continuing through June 2019. In 2019, 1,698 institutions responded to the survey, yielding a 61 percent response rate. Data imputation was also carried out to account for non-responding institutions. The reporting institutions and those for which data were imputed together accounted for 73 percent of all institutions surveyed. (See Imputation and Estimation for more details).

A total of 1,656 institutions (98 percent of responding institutions) reported international students in 2018/19. Key variables, including academic level, enrollment status, gender, visa status, field of study, and place of origin had response rates ranging from 87 percent to 99 percent (Table 5.1). Response rates for primary source of funding and marital status were 55 percent and 28 percent, respectively.

U.S. STUDY ABROAD SURVEY

The U.S. study abroad population is defined as U.S. citizens and permanent residents enrolled in a degree program at an accredited, degree-granting higher education institution in the United States during the 2017/18 academic year, including summer 2018. The survey is divided into two distinct sections. The first section includes only students who received academic credit from their home institution for study abroad. The overall number of students who study abroad used throughout the report is derived from this number. The second section includes students who engaged in non-credit experiential activities abroad including work, internships, volunteering, research and other activities, such as conferences and performances abroad (Table 2.14). Data on all destinations for non-credit study abroad are reported in Table 2.15.

This survey was administered in January 2019 to U.S. higher education institutions with follow-ups continuing through June 2019. Study abroad data were obtained from 1,218 or 67 percent of the 1,828 institutions surveyed. The reporting institutions and those for which data were imputed together account for 78 percent of all institutions

1. See www.state.gov for more information.
2. See <http://nces.ed.gov/ipeds/cipcode>.
3. See <http://carnegieclassifications.iu.edu>.

surveyed. (See Imputation and Estimation for more details).

Most institutions provided detailed information on the characteristics of their students (Table 5.2). Response rates for key variables ranged from 100 percent for field of study to 81 percent for race/ethnicity. Response rates may exceed 100 percent due to a single student pursuing multiple majors or pursuing multiple study abroad experiences. Institutions continue to improve data collection on the disability status of study abroad students (29 percent)

and non-credit study abroad experiences (36 percent).

STUDY ABROAD PARTICIPATION RATES

The undergraduate participation rate is a proxy estimate of the proportion of students in both two- or four-year cohorts that studied abroad at least once during their undergraduate careers. Undergraduate completion data from the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) are used to calculate the undergraduate

participation rates. The participation rate is calculated by dividing the total number of undergraduates who studied abroad in a given year (as reported in the *Open Doors* U.S. Study Abroad survey) by the total number of U.S. students (excluding international students) receiving undergraduate degrees, as reported by IPEDS. Due to various factors, such as students dropping out before graduation (non-completions) and varying cohort sizes from year to year, participation rates for individual institutions may exceed 100 percent.

5.1 RESPONSE RATE FOR INDIVIDUAL VARIABLES: INTERNATIONAL STUDENT CENSUS, 2008/09–2018/19

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Academic level	99.7	96.8	88.8	96.2	98.3	98.6	98.6	98.5	98.9	98.7	99.0
Enrollment status	92.5	92.8	81.3	92.0	93.7	91.7	94.1	92.3	93.4	94.2	94.1
Gender	91	92.1	81.4	92.8	94.0	88.0	86.1	91.2	87.3	88.5	87.9
Marital status	37.3	38.5	29.5	31.0	44.6	30.5	29.6	30.0	28.8	30.0	28.3
Visa	93.5	93.4	94.3	94.1	97.6	96.1	95.2	94.0	94.1	95.8	95.5
Source of funding	44.8	64.3	42.2	65.8	56.7	49.1	53.5	51.0	53.7	55.5	55.0
Field of study	78.1	90.4	79.2	90.5	93.7	87.7	88.0	88.7	87.0	86.7	86.8
Place of origin	84.2	94.4	83.6	90.6	95.6	93.4	93.3	93.6	93.1	92.8	91.7
New and continuing	82.3	92.2	78.6	92.4	94.1	88.5	92.0	92.2	92.5	91.5	93.1
"Profiles"	-	61.7	59.6	43.8	70.5	71.1	72.6	76.5	78.4	82.5	82.9
TOTAL REPORTED	671,616	690,923	723,277	764,495	819,644	886,052	974,926	1,043,839	1,078,822	1,094,792	1,095,299

5.2 RESPONSE RATE FOR INDIVIDUAL VARIABLES: U.S. STUDY ABROAD SURVEY, 2007/08–2017/18

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Academic level	94.0	93.9	86.4	88.1	95.2	94.7	95.8	94.8	96.8	97.5	97.8
Gender	90.1	92.0	84.3	85.4	92.2	92.8	93.0	92.6	94.8	96.3	95.9
Race/ethnicity	61.3	60.9	58.9	61.4	67.2	68.8	71.2	73.1	76.3	79.0	81.1
Field of study	89.3	91.5	84.9	87.2	94.5	95.9	96.0	95.2	97.2	99.2	100.4
Destination	98.0	98.0	90.2	94.0	98.6	97.4	97.9	98.0	98.5	99.8	99.3
Program sponsorship	95.6	94.4	86.3	86.8	94.1	92.5	94.4	94.1	94.8	95.9	95.5
Duration	98.2	97.4	89.8	91.3	98.9	98.2	97.7	97.5	100.4	100.2	99.5
Disability	19.4	21.3	17.5	16.3	20.1	22.5	21.9	23.4	26.6	27.5	28.8
Non-credit WIVA	-	-	-	20.5	20.0	27.6	29.2	30.8	30.1	32.4	36.2
TOTAL REPORTED	262,416	260,327	270,604	273,996	283,332	289,408	304,467	313,415	325,339	332,727	341,751

The IPEDS data was published in October 2019 and counts the number of students receiving awards/degrees from July 1, 2017 to June 30, 2018. The national study abroad participation rate is calculated using the same methodology.

INTENSIVE ENGLISH PROGRAMS SURVEY

IIE, with the assistance of two leading professional IEP associations, English USA and University and College Intensive English Programs (UCIEP), annually collects national-level data on IEP enrollments in the United States, a known pathway toward enrollment in full-degree programs. Programs that are not English USA or UCIEP members were also invited to participate in the survey.

Reporting institutions include

university- and college-affiliated programs, as well as independent entities that offer English language training. This year's IEP survey reflects student enrollment during the 2018 calendar year (January 1 to December 31, 2018). Data elements in this survey include place of origin, program sponsorship, percentage of students intending to continue further (non-IEP) study in the United States, and program duration (18 hours or more, fewer than 18 hours). Both total student enrollment and total student weeks (one student studying for one week) are captured. These two measures provide a more complete picture of IEP enrollments in the United States. Because they cover different populations, enrollment data from the IEP survey are not always congruent with IEP enrollment data from the International Student Census.

In March 2019, 689 programs were contacted by email, and responses were obtained from 369 programs, for an overall response rate of 53.6 percent. As with the other surveys, not all programs were able to provide data for every variable; response rates ranged from 100 percent for total number of students to 83 percent for enrollment status by student weeks (Table 5.3). Data imputation was carried out to account for non-responding IEPs. The reporting programs and those for which data were imputed together account for 58 percent of all institutions that were surveyed. (See Imputation and Estimation for more details).

INTERNATIONAL SCHOLARS SURVEY

International scholars are defined as scholars on nonimmigrant visas engaged in temporary academic

5.3 RESPONSE RATE FOR INDIVIDUAL VARIABLES: INTENSIVE ENGLISH PROGRAM SURVEY, 2018

	# reporting	% of reporting
Total number of students	369	100.0
Total number of student-weeks	358	97.0
Place of origin, number of students	357	96.7
Place of origin, number of student-weeks	340	92.1
Enrollment status, number of students	310	84.0
Enrollment status, number of student-weeks	305	82.7
Percent of students intending further (non-IEP) study	340	92.1
Program sponsorship	367	99.5

5.4 RESPONSE RATE FOR INDIVIDUAL VARIABLES: INTERNATIONAL SCHOLAR SURVEY, 2008/09–2018/19

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2016/17	2017/18
Primary function	86.5	91.0	77.3	81.1	90.2	85.4	92.2	90.3	89.0	88.4	94.2
Visa	98.9	99.5	87.8	90.9	99.9	99.9	98.7	99.1	98.3	99.6	99.7
Gender	95.8	96.9	83.7	85.8	97.2	94.1	94.0	94.6	95.1	95.2	96.2
Field of specialization	90.5	90.9	81.1	82.5	89.9	88.1	88.9	90.9	87.9	87.3	87.8
Place of origin	97.8	96.9	85.2	88.1	98.1	95.1	95.2	96.8	95.7	97.7	96.4
TOTAL REPORTED	113,494	115,098	115,313	116,917	122,059	121,914	124,861	134,088	134,379	135,009	136,563

activities and not enrolled as students at a U.S. college or university. The pool of surveyed institutions includes doctorate, master's, and baccalaureate institutions, as well as community colleges that are known to host international scholars. Scholars affiliated with public or private research institutes, research laboratories, or think tanks are not included. The survey captured data for the period beginning July 1, 2018 and ending June 30, 2019. Institutions reported on the primary function of the scholars (research, teaching, both, clinical, or other), place of origin, academic field of specialization, gender, and visa status. Responses were received from 568 of the 1,697 institutions polled, for a response rate of 33.5 percent. Data imputation is also carried out to account for non-responding institutions. The reporting institutions and those for which data were imputed together account for 45 percent of all institutions that were surveyed. (See Imputation and Estimation for more details).

The survey was administered in June 2019. Most of the institutions that reported hosting international scholars in 2018/19 were able to provide detailed information on the characteristics of their scholars (Table 5.4). The response rates for individual variables ranged from 100 percent for visa status to 88 percent for field of specialization.

IMPUTATION AND ESTIMATION

Throughout this publication, totals for international students, U.S. study abroad students, international scholars, and IEP students, as well as the various percentages reported were calculated directly from campus-based survey responses. Student counts for other variables, such as field of study, place of origin, and so forth, were determined by imputation, as not all campuses

were able to provide detailed breakdowns for all variables. Estimates of the number of students for each variable were imputed from the total number of students reported. For each imputation, base or raw counts were multiplied by a correction factor that reflected the ratio of the difference between the sum of the categories being imputed and the total number of students reported by institutions. For this reason, student totals may vary slightly within this publication. In addition, due to rounding, percentages may not always add up to 100 percent (regardless of whether numbers were imputed).

Although most institutions reported academic-level breakdowns by place of origin, others were unable to do so. *Open Doors* uses the overall academic-level breakdowns, not the academic level by place of origin, as the basis for calculating changes from year to year and for analyses.

In addition, to account for potential instability in annual institution-level counts, estimates based on counts from recent reporting years are sometimes used to account for non-reporting institutions that have a history of reporting to the *Open Doors* surveys and for which previous years' figures were not themselves estimated. For each *Open Doors* survey, these estimates are based on a prior year's number adjusted by the percentage change among institutions that reported in both the prior and the current years.

The data collection methodology currently in use was designed to produce stable, national estimates of international education activity. Analysis for units that reflect relatively small numbers of students (such as certain places of origin, fields of study, sources of financial support, etc.), and especially those that are cross-tabulated with other variables, may reflect greater error

variation than variables with a larger response base. Although estimation refinements will continue to be made for future editions, the general practice of estimating based on previous years' numbers is consistent with *Open Doors*' analysis protocols in place since the 1970s.

Please visit the *Open Doors* website at www.iie.org/opendoors to find additional historical context and methodological information not printed in this report.

ACKNOWLEDGMENTS

Publishing the *Open Doors Report on International Educational Exchange* involves the cooperation and contributions of many individuals and organizations. The Bureau of Educational and Cultural Affairs of the U.S. Department of State has supported the project since 1972. This annual cooperative agreement enables IIE to collect, analyze, publish, and widely disseminate data on international students, U.S. students abroad, and international scholars. We want to thank Jamie Sharp, Deputy Director, Office of Global Educational Programs, and Anthony Koliha, Director, Office of Global Educational Programs, for their oversight of the project.

At IIE, the dedication of the Research, Evaluation and Learning (REL) team to the project is well noted. In addition to the authors of the report, Sinan Zeino coordinated the upload of digital data on the *Open Doors* website, Meg Phelps Walker supported data collection, and student temporary researchers Paromita De, Jiaxu Hu, and Yufei Ding assisted with survey outreach and data cleaning. Also at IIE, Michael Stecher disseminated the data to media and wider audiences, and Ashley Stipek coordinated the annual data release at the U.S. Institute of Peace. Michael San Filippo and Marilyn Young assisted with the *Open Doors* website. Finally, we want to thank Peggy Blumenthal, Senior Counselor to the President, who provided overall guidance for the project.

We want to acknowledge Rajika Bhandari, who oversaw the *Open Doors* project for more than 10 years and departed IIE in September 2019. Throughout her time with *Open Doors*, Rajika was a key contributor to the data analysis and a respected voice in international student mobility throughout the industry. While she was with the project, she oversaw the transition of the surveys to full digital data collection, the collection of global student mobility data through *Project Atlas*, and the increased and nuanced analysis of data presented in the *Open Doors* report.

Our work on *Open Doors* is informed by two working groups composed of experts in the international education field. The International Student Census Advisory Group includes the American Association of Collegiate Registrars and Admissions Officers, the College Board, Council of Graduate Schools, the National Association for College Admission Counseling, and NAFSA: Association of International Educators. In addition to these partners, the American Association of Community Colleges (AACC), American Association of State Colleges and Universities, the American Council on Education, and the Association of Public and Land-Grant Universities coordinated with us to collect data in the annual Fall Snapshot Survey.

Members of the *Open Doors* Study Abroad Working Group include representatives from University of Minnesota, University of Michigan, AACC, the California Colleges for International Education, Diversity Abroad, the Forum on Education Abroad, Hispanic Association of Colleges and Universities, NAFSA: Association of International Educators, and the Thurgood Marshall College Fund. In addition, Mobility International USA provides guidance on improving data collection on the disability status of U.S. study abroad students.

English USA and UCIEP assisted in publicizing the IEP survey.

NAFSA calculated the economic impact of international students in the United States using *Open Doors* enrollment data. The Rutgers Center for Minority Serving Institutions provided information to support analysis of internationalization of Minority Serving Institutions.

EducationUSA advisers and Regional Educational Advising Coordinators assisted with improving data quality and providing contextual background for mobility trends within their region.

Finally, without the work of thousands of colleagues at higher education institutions across the United States who voluntarily provide their institutional data each year, *Open Doors* would not be the comprehensive and reliable data source that it is.

We thank you all for your support and hope that *Open Doors* will continue to serve as a valuable information resource for those interested in academic mobility and international educational exchange.

PROJECT ATLAS PARTNERS AND RESEARCH AFFILIATES

IIE wishes to acknowledge our partners and research affiliates who contribute their time and expertise to collecting comparable data on global student mobility worldwide.

Project Atlas Data Partners

Australia: Australian Government Department of Education and Training

Canada: Canadian Bureau for International Education

Chile: Ministry of Education, Higher Education Division

China: China Scholarship Council

Denmark: Danish Agency for Science and Higher Education

Finland: Finnish National Agency for Education

France: CampusFrance

Germany: The German Academic Exchange Service

India: Association of Indian Universities

Ireland: Education in Ireland

Japan: Japan Student Services Organization

Malaysia: Ministry of Higher Education Malaysia

Mexico: National Association of Universities and Higher Education Institutions

Netherlands: The Dutch Organisation for Internationalisation in Education

New Zealand: New Zealand Ministry of Education

Norway: Norwegian Agency for International Cooperation and Quality Enhancement in Education

Poland: Polish National Agency for Academic Exchange

Republic of the Philippines: Commission on Higher Education

Russian Federation: Center for Sociological Research, Ministry of Education and Science

South Africa: International Education Association of South Africa

Spain: Spanish Service for the Internationalization of Education

Sweden: Swedish Institute

United Arab Emirates: Ministry of Higher Education and Scientific Research

United Kingdom: British Council

United States: Institute of International Education

Project Atlas Research Affiliates

African Network for Internationalization of Education (ANIE)

Center for International Higher Education, Boston College (CIHE)

International Association of Universities (IAU)

Organisation for Economic Co-operation and Development (OECD)

Taipei Economic and Cultural Office in New York (TECO-NY)

UNESCO Institute for Statistics (UIS)

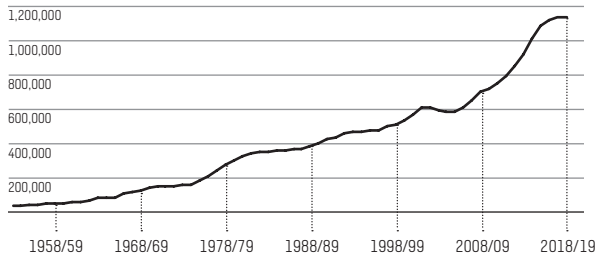
REFERENCES

- 165 Cong. Rec. E561 (daily ed. May 1, 2019) (statement of Rep. Eliot L. Engel). Retrieved from <https://www.congress.gov/116/crec/2019/05/01/CREC-2019-05-01-pt1-PgE516-2.pdf>.
- Bhandari, R. (2019). *Global competition for talent: A comparative analysis of the effectiveness of national strategies for attracting international students*. Doha, Qatar: Doha Modern Printing Press.
- Bureau of Labor Statistics, U.S. Department of Labor. (2019). Fastest growing occupations. In *Occupational outlook handbook*. Retrieved from <https://www.bls.gov/ooh/fastest-growing.htm>.
- Committee on Labor and Public Welfare. (1966). *International education act: Hearings before the Subcommittee on Education of the Committee on Labor and Public Welfare, United States Senate, Eighty-ninth Congress, second session, on S. 2874, a bill to provide for the strengthening of American educational resources for international studies and research, H.R. 14643, an act to provide for the strengthening of American educational resources for international studies and research, August 17, 19, and September 19, 1966*. Washington, DC: U.S. Government Printing Office.
- Eurostat. (2017). Learning mobility statistics: tables and graphs. In *Eurostat, Statistics Explained*. Retrieved from https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Learning_mobility_statistics.
- Farrugia, C. & Sanger, J. (2017). *Gaining an employment edge: The impact of study abroad on 21st century skills and career prospects in the United States*. New York, NY: Institute of International Education.
- HM Government. (2019). *International education strategy: Global potential, global growth*. Retrieved from <https://www.gov.uk/government/publications/international-education-strategy-global-potential-global-growth>.
- Holland, K. (1956). Foreword. In Institute of International Education, *Open Doors report on international educational exchange* (p.3). New York, NY: Institute of International Education.
- Huff, R. A. & Chandler M. O. (1970). *A taxonomy of instructional programs in higher education*. (NCES Report No. OE-50064). Washington, DC: U.S. Government Printing Office.
- Institute of International Education. (2019). *100 years of IIE: A century of hope, a future of promise*. Chelsea, MI: Sheridan Books.
- International Association of Universities (2019). World Higher Education Database. Retrieved from <https://www.whed.net/home.php>.
- Knight, J. (2018). International education hubs. In Meusburger, P., Heffernan, M., and Suarsana, L. (Eds.). *Geographies of the University. Knowledge and Space* Vol. 12, pp.637–655. Cham, Switzerland: Springer.
- Ladika, S. (2018). Weathering the storm, how intensive English programs are responding to declining enrollments. *International Educator Magazine*, 38–43.
- Mohamedbhai, G. (2020). China-Africa higher education engagement: A win-win situation? [PDF file]. *Internationalization Higher Education*, 100, 36–37.
- National Postsecondary Student Aid Study Undergraduates. (2016). Field of study or major (detailed) by citizenship. Retrieved from <https://nces.ed.gov/datalab/index.aspx>.
- National Survey of Student Engagement. (2018). High impact practices. In *Engagement insights: Survey findings on the quality of undergraduate education — Annual results 2018*. Bloomington, IN: Indiana University Center for Postsecondary Research.
- OECD. (2014). *Education at a glance 2014: OECD indicators*. Paris, France: OECD Publishing.
- OECD. (2019). *Education at a glance 2019: OECD indicators*. Paris, France: OECD Publishing.
- Parr, C. (2018, June 29). 2 million applicants for 750k places: Nigeria's bid to tackle its capacity issue. *The Pie News*. Retrieved from <https://thepienews.com>.
- Project Atlas*. (2019). Retrieved from <https://www.iie.org/en/Research-and-Insights/Project-Atlas>.
- Rice, J. R. & Rosen, S. (2017). History of the department. *Purdue University*. Retrieved from <https://www.cs.purdue.edu/history/index.html>.
- Sanger, J. & Baer, J. (2019). *Fall 2019 international student enrollment snapshot survey*. New York, NY: Institute of International Education.
- Sanger, J. & Mason, L. (2019). *Who's counting? Understanding the landscape of graduate learning overseas*. New York: Institute of International Education.
- Stacey, V. (2019, February 25). International education “number one priority” for US bureau. *The Pie News*. Retrieved from <https://thepienews.com>.
- Sutton, R. C. & Rubin, D. L. (2010, June). Documenting the academic impact of study abroad: Final report of the GLOSSARI Project. *NAFSA Annual Conference*. Talk presented at 2010 NAFSA conference, Kansas City, MO. Retrieved from <http://glossari.uga.edu/datasets/pdfs/FINAL.pdf>.
- Times Higher Education. (2019). *World university rankings 2020 by subject: computer science*. Retrieved from <https://www.timeshighereducation.com/world-university-rankings/2020/subject-ranking/computer-science>.
- U.S. Census Bureau. (2019). [demographic data]. International data base. Retrieved from <https://www.census.gov/popclock/world>.
- U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics. (2019). Integrated postsecondary education data system [Data file]. Retrieved from <https://nces.ed.gov/ipeds/use-the-data>.
- U.S. Department of Education, Office of Planning, Evaluation and Policy Development and Office of the Under Secretary. (2016). *Advancing diversity and inclusion in higher education*. Washington, DC: Author.
- UNESCO. (2019). Global flow of tertiary students. Retrieved from <http://uis.unesco.org/en/uis-student-flow>.
- UNESCO. (2019). UNESCO institute for statistics. Retrieved from <http://data.uis.unesco.org/>.
- United Nations, Department of Economic and Social Affairs, Population Division. (2019). *World population prospects 2019: Highlights* [PDF file]. Retrieved from https://population.un.org/wpp/Publications/Files/WPP2019_10KeyFindings.pdf.
- United Nations. (2015). *Transforming our world: the 2030 agenda for sustainable development* [PDF file]. Retrieved from <https://sustainabledevelopment.un.org/content/documents/21252030%20Agenda%20for%20Sustainable%20Development%20web.pdf>.
- Willett, T., Pellegrin, N., & Cooper, D. (2013). *Study abroad impact technical report*. Retrieved from <http://globaled.us/cccoar/docs/CCC-SOAR-StudyAbroadTechReportFinal.pdf>.
- Wood, B., Aiken, H., and Brooks, F. (2011). The origins of computer science. *IBM*. Retrieved from <https://www.ibm.com/ibm/history/ibm100/us/en/icons/compsc/>.
- World Bank. (2019). School enrollment, tertiary. In *UNESCO Institute for Statistics*. Retrieved from <https://data.worldbank.org/indicator/SE.TER.ENRR>.

INTERNATIONAL STUDENTS IN THE UNITED STATES

INTERNATIONAL STUDENT TRENDS*

In 2018/19, the total number of international students in the United States increased by 0.05% to 1,095,299 students.



	Total int'l students	% change	U.S. higher education total	% int'l
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
2015/16	1,043,839	7.1	20,264,000	5.2
2016/17	1,078,822	3.4	20,185,000	5.3
2017/18	1,094,792	1.5	19,831,000	5.5
2018/19	1,095,299	0.05	19,828,000	5.5

U.S. Higher Education Data Source: National Center for Education Statistics, 2018

NEW INTERNATIONAL STUDENT ENROLLMENT

2013/14	270,128	New international student enrollment—students enrolling for the first time at a U.S. institution in fall 2018—decreased by 0.9%. In 2017/18 new international student enrollment fell by 7 percent.
2014/15	293,766	
2015/16	300,743	
2016/17	290,836	
2017/18	271,738	
2018/19	269,383	

TOP U.S. STATES HOSTING INTERNATIONAL STUDENTS

	2017/18	2018/19	% change
1 California	161,942	161,693	-0.2
2 New York	121,260	124,277	2.5
3 Texas	84,348	81,893	-2.9
4 Massachusetts	68,192	71,098	4.3
5 Illinois	53,362	53,724	0.7
6 Pennsylvania	51,817	51,818	0.0
7 Florida	46,516	45,957	-1.2
8 Ohio	37,583	37,314	-0.7
9 Michigan	34,049	33,236	-2.4
10 Indiana	29,994	29,083	-3.0

Note: Percent distribution may not total 100.0 due to rounding.

Note: Numbers include both enrolled international students and international students on Optional Practical Training for all tables except new enrollments.

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>.

TOP PLACES OF ORIGIN OF INTERNATIONAL STUDENTS

	2017/18	2018/19	% of total	% change
WORLD TOTAL	1,094,792	1,095,299	100.0	0.05
1 China	363,341	369,548	33.7	1.7
2 India	196,271	202,014	18.4	2.9
3 South Korea	54,555	52,250	4.8	-4.2
4 Saudi Arabia	44,432	37,080	3.4	-16.5
5 Canada	25,909	26,122	2.4	0.8
6 Vietnam	24,325	24,392	2.2	0.3
7 Taiwan	22,454	23,369	2.1	4.1
8 Japan	18,753	18,105	1.7	-3.5
9 Brazil	14,620	16,059	1.5	9.8
10 Mexico	15,468	15,229	1.4	-1.5
11 Nigeria	12,693	13,423	1.2	5.8
12 Nepal	13,270	13,229	1.2	-0.3
13 Iran	12,783	12,142	1.1	-5.0
14 United Kingdom	11,460	11,146	1.0	-2.7
15 Turkey	10,520	10,159	0.9	-3.4
16 Kuwait	10,190	9,195	0.8	-9.8
17 Germany	10,042	9,191	0.8	-8.5
18 France	8,802	8,716	0.8	-1.0
19 Indonesia	8,650	8,356	0.8	-3.4
20 Bangladesh	7,496	8,249	0.8	10.0
21 Colombia	7,976	8,060	0.7	1.1
22 Pakistan	7,537	7,957	0.7	5.6
23 Venezuela	8,371	7,760	0.7	-7.3
24 Malaysia	8,271	7,709	0.7	-6.8
25 Spain	7,489	7,262	0.7	-3.0

TOP U.S. INSTITUTIONS HOSTING INTERNATIONAL STUDENTS, 2018/19

1	New York University	New York	NY	19,605
2	University of Southern California	Los Angeles	CA	16,340
3	Northeastern University—Boston	Boston	MA	16,075
4	Columbia University	New York	NY	15,897
5	University of Illinois—Urbana-Champaign	Champaign	IL	13,497
6	Arizona State University—Tempe	Tempe	AZ	13,324
7	University of California—Los Angeles	Los Angeles	CA	11,942
8	Purdue University—West Lafayette	West Lafayette	IN	10,943
9	University of California—San Diego	La Jolla	CA	10,652
10	Boston University	Boston	MA	10,598
11	University of California—Berkeley	Berkeley	CA	10,063
12	University of Texas—Dallas	Richardson	TX	9,401
13	Pennsylvania State University—University Park	University Park	PA	9,396
14	University of Washington	Seattle	WA	9,311
15	University of Michigan—Ann Arbor	Ann Arbor	MI	8,726
16	Carnegie Mellon University	Pittsburgh	PA	8,669
17	University of California—Irvine	Irvine	CA	8,064
18	University of California—Davis	Davis	CA	8,048
19	Ohio State University—Columbus	Columbus	OH	8,020
20	Cornell University	Ithaca	NY	7,214

ACADEMIC LEVEL TRENDS OF INTERNATIONAL STUDENTS

	Under-graduate	% change	Graduate	% change	Non-degree	% change	OPT	% change
2014/15	398,824	7.6	362,228	9.8	93,587	17.8	120,287	13.5
2015/16	427,313	7.1	383,935	6.0	85,093	-9.1	147,498	22.6
2016/17	439,019	2.7	391,124	1.9	72,984	-14.2	175,695	19.1
2017/18	442,746	0.8	382,953	-2.1	65,631	-10.1	203,462	15.8
2018/19	431,930	-2.4	377,943	-1.3	62,341	-5.0	223,085	9.6

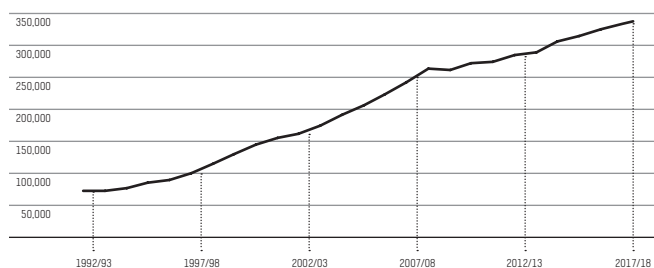
INTERNATIONAL STUDENTS IN THE U.S. (cont'd)

PRIMARY FUNDING SOURCE	2017/18	2018/19	% of total
Personal and family	641,318	623,901	57.0
Current employment	205,642	225,378	20.6
U.S. college or university	172,531	183,647	16.8
Foreign government or university	56,549	46,937	4.3
Foreign private sponsor	6,301	6,196	0.6
U.S. private sponsor	2,657	2,632	0.2
U.S. government	2,597	1,935	0.2
International organization	1,599	908	0.1
Other source	5,598	3,765	0.3
TOTAL INT'L STUDENTS	1,094,792	1,095,299	100.0

SELECTED FIELDS OF STUDY	2017/18	2018/19	% of total	% change
Engineering	232,710	230,780	21.1	-0.8
Math & computer science	186,003	203,461	18.6	9.4
Business & management	196,054	182,170	16.6	-7.1
Social sciences	83,708	84,320	7.7	0.7
Physical & life sciences	78,700	81,580	7.4	3.7
Fine and applied arts	63,795	63,097	5.8	-1.1
Health professions	35,169	35,446	3.2	0.8
Communications & journalism	22,824	24,017	2.2	5.2
Intensive English	25,845	22,026	2.0	-14.8
Humanities	17,040	17,013	1.6	-0.2
Education	17,615	16,786	1.5	-4.7
Legal studies & law enforcement	16,894	16,483	1.5	-2.4
Agriculture	12,473	13,754	1.3	10.3

U.S. STUDENTS STUDYING ABROAD

341,751 U.S. students studied abroad for academic credit in 2017/18, an increase of 2.7% over the previous year.



TOP FIVE MAJOR FIELDS OF STUDY	2016/17	2017/18	% of total	% change
Science, technology, engineering & math	85,786	87,451	25.6	1.9
Business	68,757	71,139	20.8	3.5
Social sciences	57,081	58,581	17.1	2.6
Foreign language & international studies	24,189	24,225	7.1	0.1
Fine & applied arts	21,044	23,307	6.8	10.8

RACE/ETHNICITY	2015/16	2016/17	2017/18
White	71.6	70.8	70.0
Hispanic or Latino(a)	9.7	10.2	10.6
Asian or Pacific Islander	8.4	8.2	8.4
Black or African-American	5.9	6.1	6.1
Multiracial	3.9	4.3	4.4
American Indian or Alaska Native	0.5	0.4	0.5
TOTAL U.S. STUDENTS ABROAD	325,339	332,727	341,751

HOST REGIONS*	2016/17 total	% of total	2017/18 total	% of total	% change
Europe	181,145	54.4	187,534	54.9	3.5
Latin America & Caribbean	51,513	15.5	50,807	14.9	-1.4
Asia	38,621	11.6	38,408	11.2	-0.6
Oceania	14,639	4.4	14,692	4.3	0.4
Africa, Sub-Saharan	13,433	4.0	14,416	4.2	7.3
Middle East & North Africa	6,901	2.1	7,207	2.1	4.4
North America	1,639	0.5	1,786	0.5	9.0
Antarctica	46	0.0	10	0.0	-78.3
Multiple	24,790	7.5	26,891	7.9	8.5
TOTAL	332,727	100.0	341,751	100.0	2.7

*Cyprus and Turkey are included in Europe; Mexico is included in Latin America

OTHER FORMS OF EDUCATION ABROAD

In addition to the 341,751 U.S. students who received academic credit for study abroad in 2017/18, 441 institutions reported that an additional 38,401 U.S. students participated in non-credit work, internships, volunteering, and research abroad.

DESTINATIONS	2016/17	2017/18	% of total	% change
1 United Kingdom	39,851	39,403	11.5	-1.1
2 Italy	35,366	36,945	10.8	4.5
3 Spain	31,230	32,411	9.5	3.8
4 France	16,462	17,185	5.0	4.4
5 Germany	12,585	12,250	3.6	-2.7
6 Ireland	11,492	11,965	3.5	4.1
7 China	11,910	11,613	3.4	-2.5
8 Australia	10,400	10,332	3.0	-0.7
9 Costa Rica	8,322	8,681	2.5	4.3
10 Japan	7,531	8,467	2.5	12.4
11 South Africa	6,042	6,001	1.8	-0.7
12 Mexico	5,736	5,963	1.7	4.0
13 Czech Republic	4,777	5,248	1.5	9.9
14 Greece	4,351	5,223	1.5	20.0
15 Denmark	4,457	4,637	1.4	4.0
16 Ecuador	4,021	4,055	1.2	0.8
17 India	4,704	3,986	1.2	-15.3
18 Netherlands	3,437	3,966	1.2	15.4
19 Peru	3,695	3,939	1.2	6.6
20 South Korea	3,770	3,929	1.1	4.2
21 New Zealand	3,777	3,885	1.1	2.9
22 Argentina	3,422	3,805	1.1	11.2
23 Israel	2,999	3,355	1.0	11.9
24 Austria	3,308	3,161	0.9	-4.4
25 Chile	3,073	3,020	0.9	-1.7
WORLD TOTAL	332,727	341,751	100.0	2.7

PARTICIPATION	U.S. study abroad total	U.S. higher education total	%
All U.S. undergraduates studying abroad in 2017/18	300,056	16,185,288*	1.9
All U.S. undergraduates who study abroad during their degree program	300,056	2,760,796**	10.9
U.S. bachelors students who study abroad during their degree program	293,904	1,835,046***	16.0

*Total undergraduate enrollment in the United States

**U.S. students receiving Associate and Bachelor's degrees

***U.S. students receiving Bachelor's degrees

Note: The numbers above do not include international students enrolled at U.S. higher education institutions studying abroad for academic credit.

U.S. Higher Education Data Source: National Center for Education Statistics, 2018

DURATION	2016/17	2017/18
Short-term (summer, or eight weeks or less)	64.6	64.6
Mid-length (one semester, or one or two quarters)	33.1	33.1
Long-term (academic or calendar year)	2.3	2.3

opendoors[®]

2019

REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

Open Doors[®] is the only long-standing, comprehensive information resource on international students and scholars in the United States and on U.S. students studying abroad for academic credit. *Open Doors* features graphic displays, data tables, and policy-oriented analyses, and is the essential resource for those concerned with U.S. international educational exchange.

The Institute of International Education (IIE), one of the largest and most experienced higher education exchange agencies in the world, has conducted an annual statistical survey of international educational exchange activity into and out of the United States since 1948. This survey has been sponsored by the U.S. Department of State with funding provided by the U.S. Government since 1972. The results of the survey are published annually as the *Open Doors Report on International Educational Exchange*.

The *Open Doors 2019 Report* provides 132 pages of detailed information and analysis on the 1,095,299 international students in the U.S. in 2018/19, including national origin, field of study, geographic location in the United States, host institutional type, finances, and personal characteristics. The report also contains detailed information on the 341,751 U.S. students who studied abroad for academic credit in 2017/18, on the 136,563 international scholars who taught and conducted research at U.S. colleges and universities in 2018/19, and on the 78,098 international students enrolled in intensive English programs in the United States in 2018.

Open Doors data tables are also available online at www.iie.org/opendoors, where you will find additional resources, data, and commentary not contained in this report. Also featured online are historical student mobility data and a library of resources for people seeking expert opinion on international mobility issues.

Cover: Coryn Shiflet, *Untitled*, 2018; spray paint and acrylic paint on canvas; 24 x 18 inches

CORYN SHIFLET is an international education practitioner. She currently serves as the Assistant Director of International Education at the University System of Georgia in Atlanta. She has worked in the field of international education since 2008 in International Student and Scholar Services (Northwestern University) and then in the United Kingdom in Education Abroad (SOAS and Goldsmiths, University of London). She holds a Bachelor's in Sociology from Penn State University and a Master's in Human Geography from the University of Illinois at Urbana-Champaign. Shiflet studied abroad in the UK and Brazil, and participated in professional staff exchange programs in Germany, Norway, and Croatia. In the summer of 2019, she was awarded a Fulbright to attend the International Education Administrator seminar in Japan. To contact her and learn more about her work, please email her at bluefruit.design@gmail.com.



iie
The Power
of International
Education



\$89.95