

What's Engineering Study Abroad?

Mobility Trends among International and U.S.
Engineering Students

Lehigh University

Dan Kramer

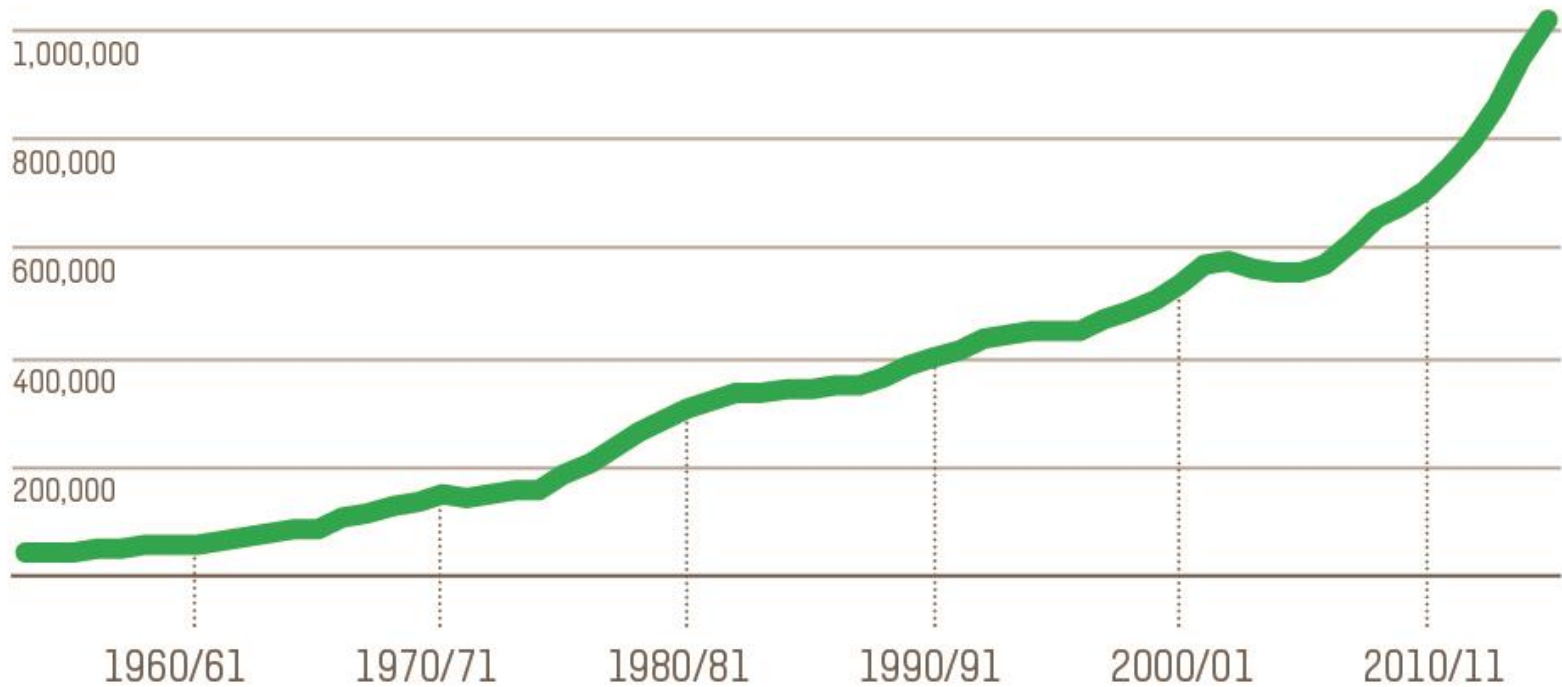
Director, U.S. Student Programs, IIE

May 23, 2017



The Power of International Education

INTERNATIONAL STUDENTS IN THE U.S. 1953/54 – 2015/16

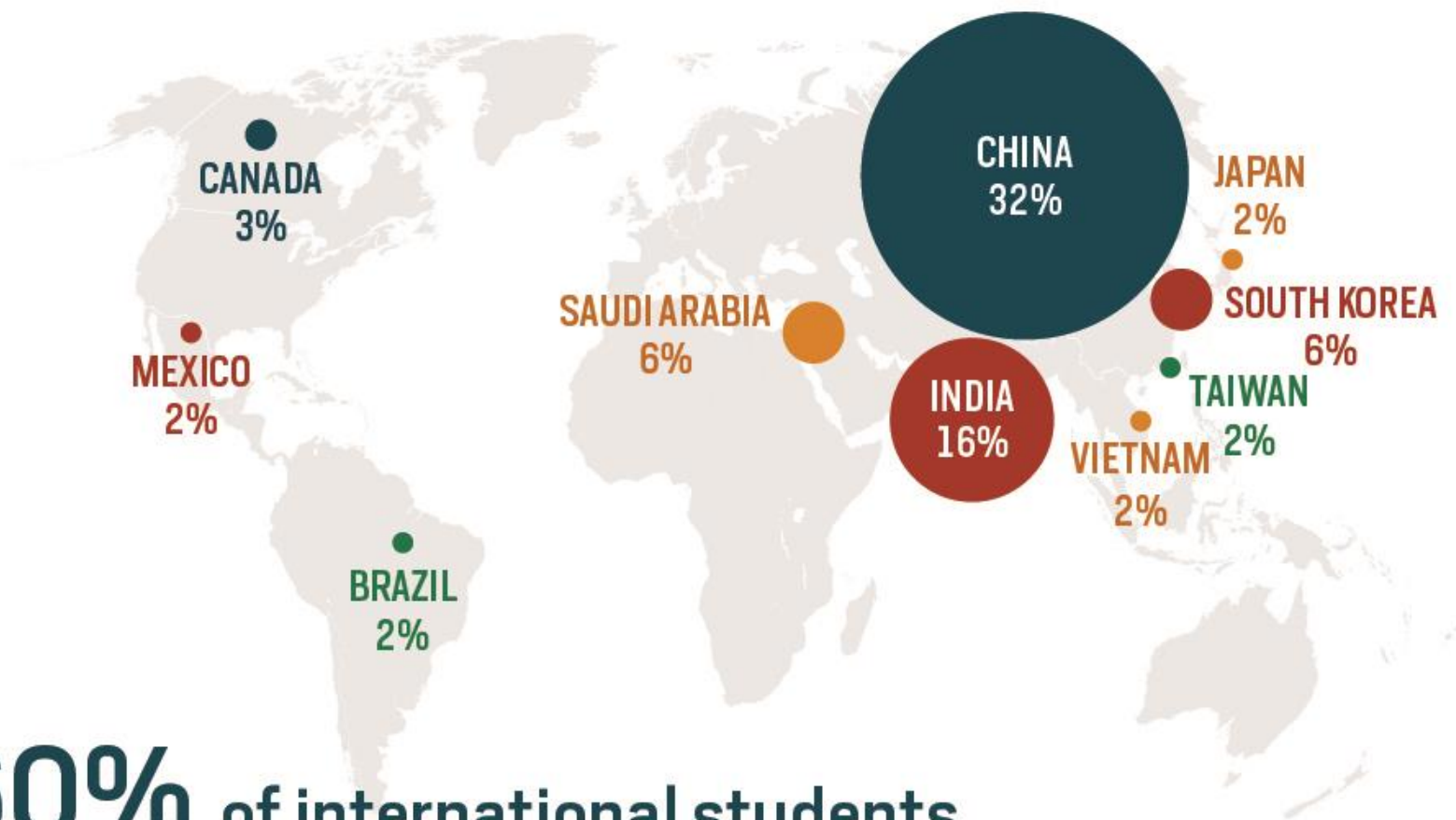


In 2015/16 there was **an increase of 7%** over the prior year in the number of international students in the U.S.

Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. **Online at: www.iie.org/opendoors**

opendoors[®]

TOP TEN PLACES OF ORIGIN OF INTERNATIONAL STUDENTS



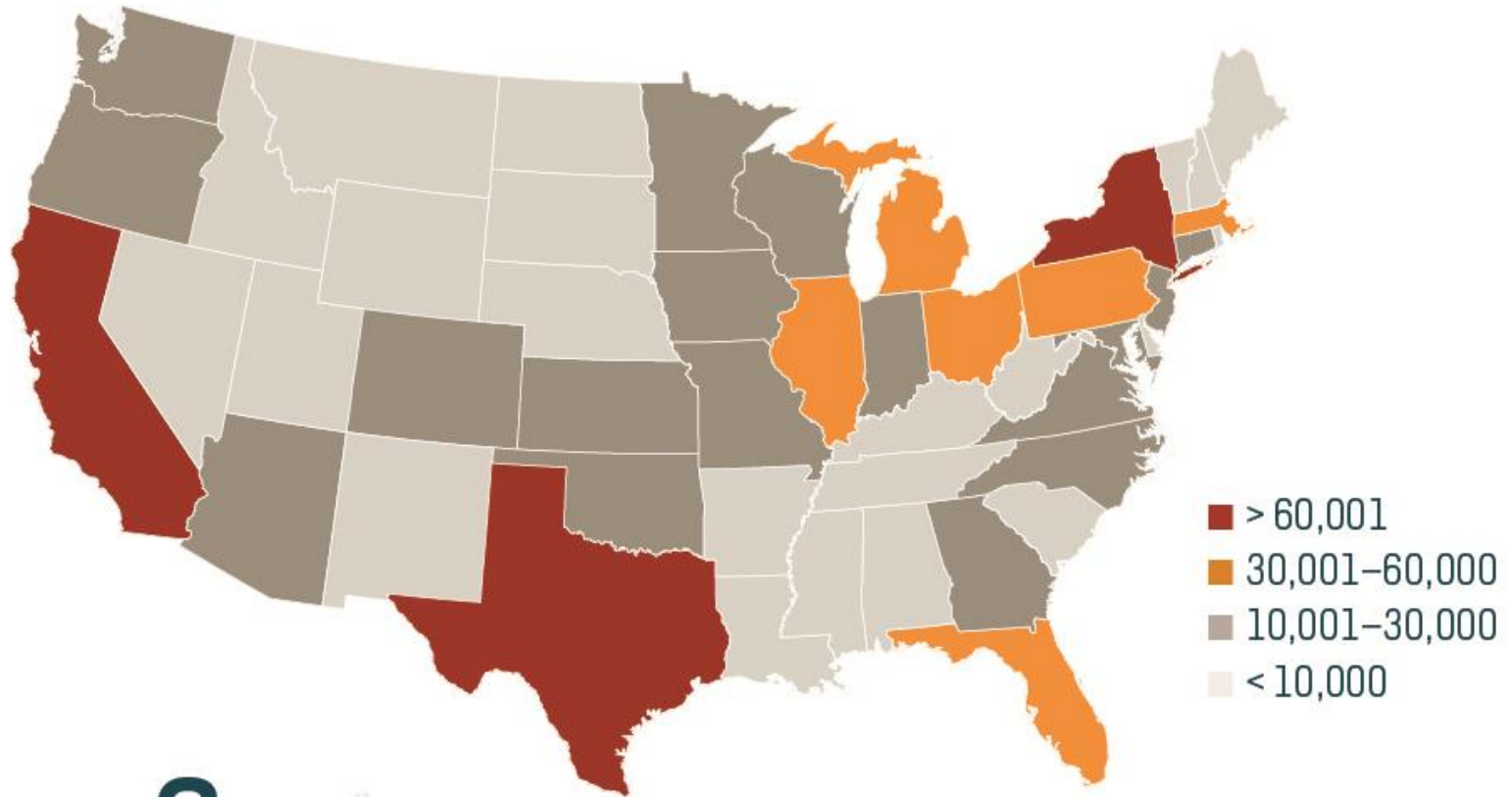
60% of international students

come from China, India, Saudi Arabia, and South Korea.

Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. **Online at: www.iie.org/opendoors**

opendoors[®]

U.S. DESTINATIONS OF INTERNATIONAL STUDENTS

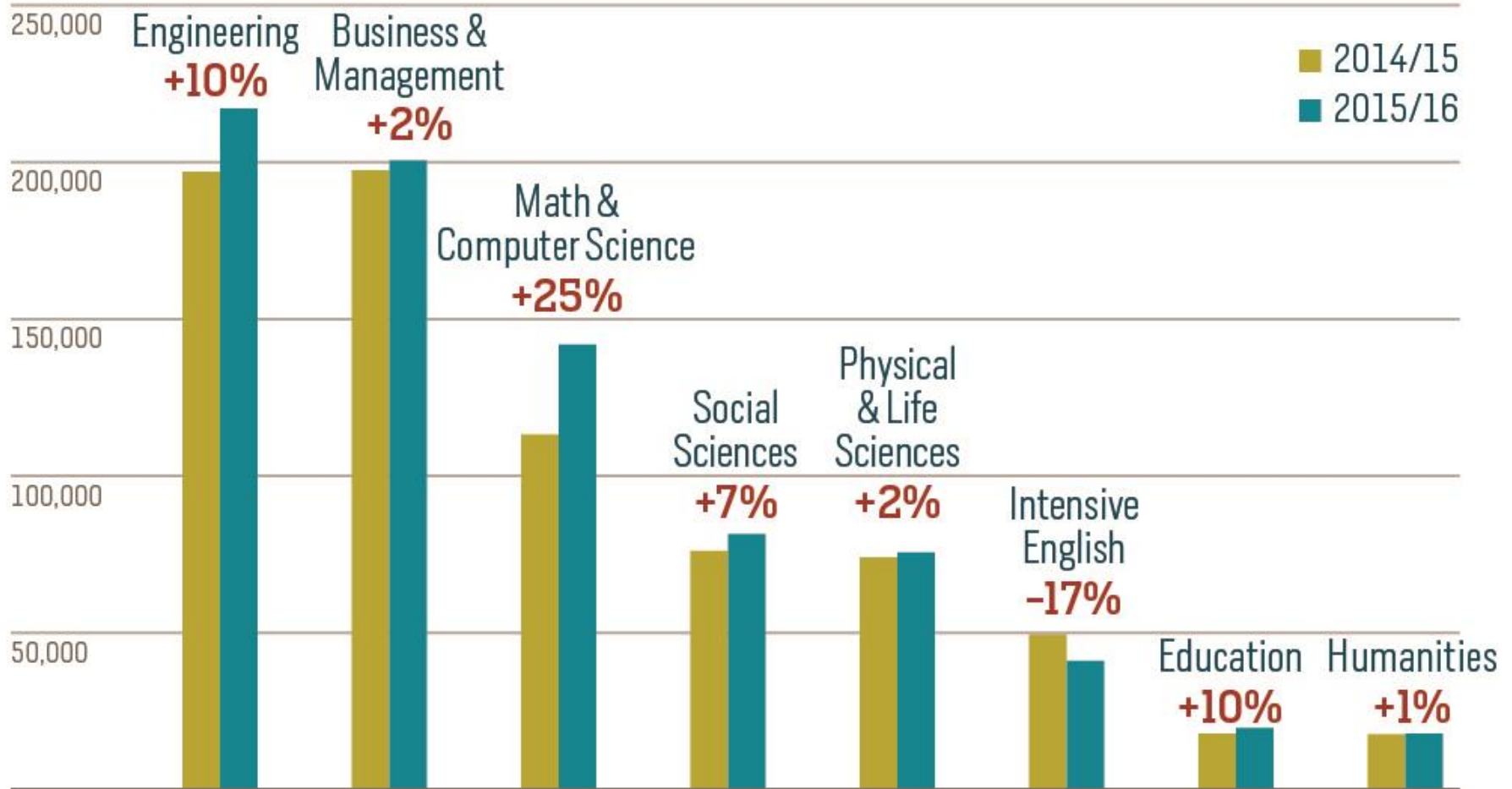


1 out of **3** international students
studies in California, New York, or Texas.

Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. **Online at: www.iie.org/opendoors**

opendoors®

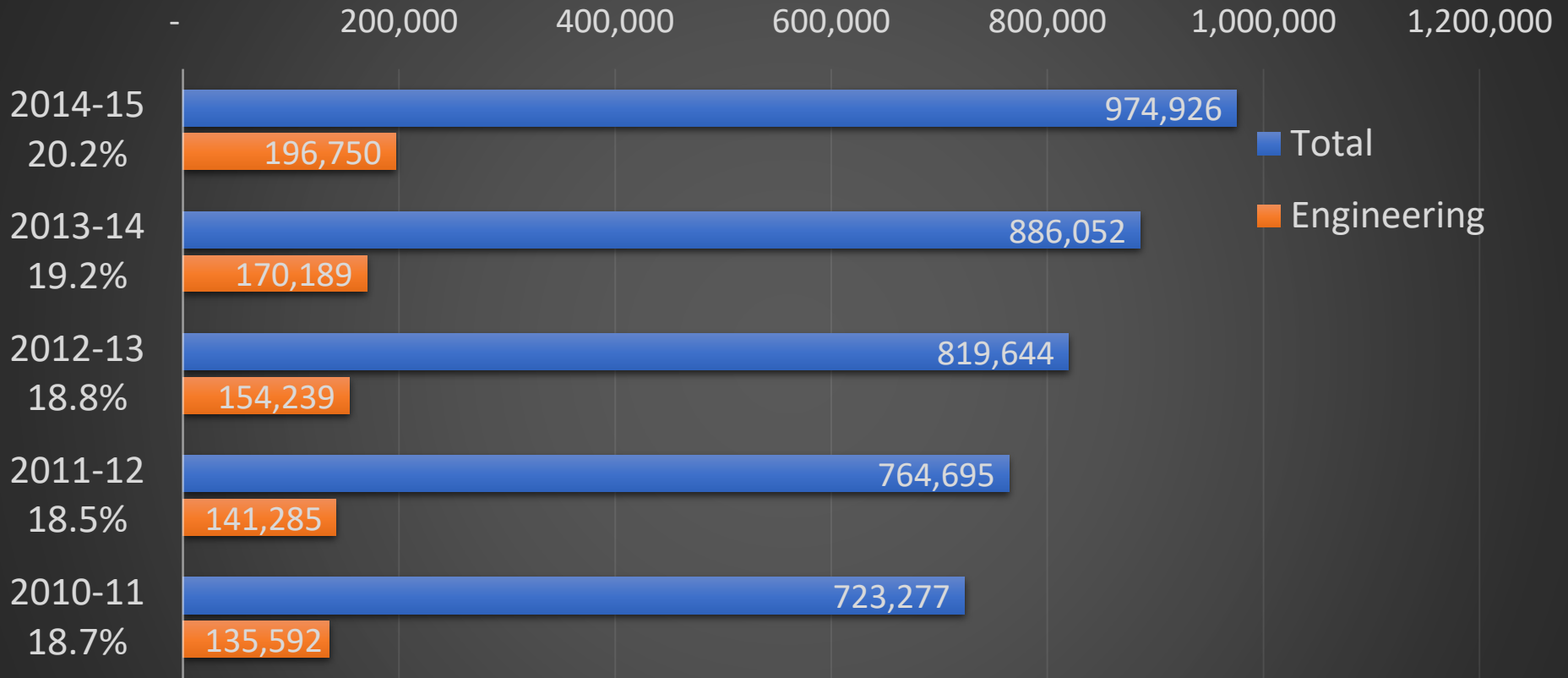
GROWTH IN SELECTED FIELDS OF STUDY OF INTERNATIONAL STUDENTS



Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. Online at: www.iie.org/opendoors

opendoors®

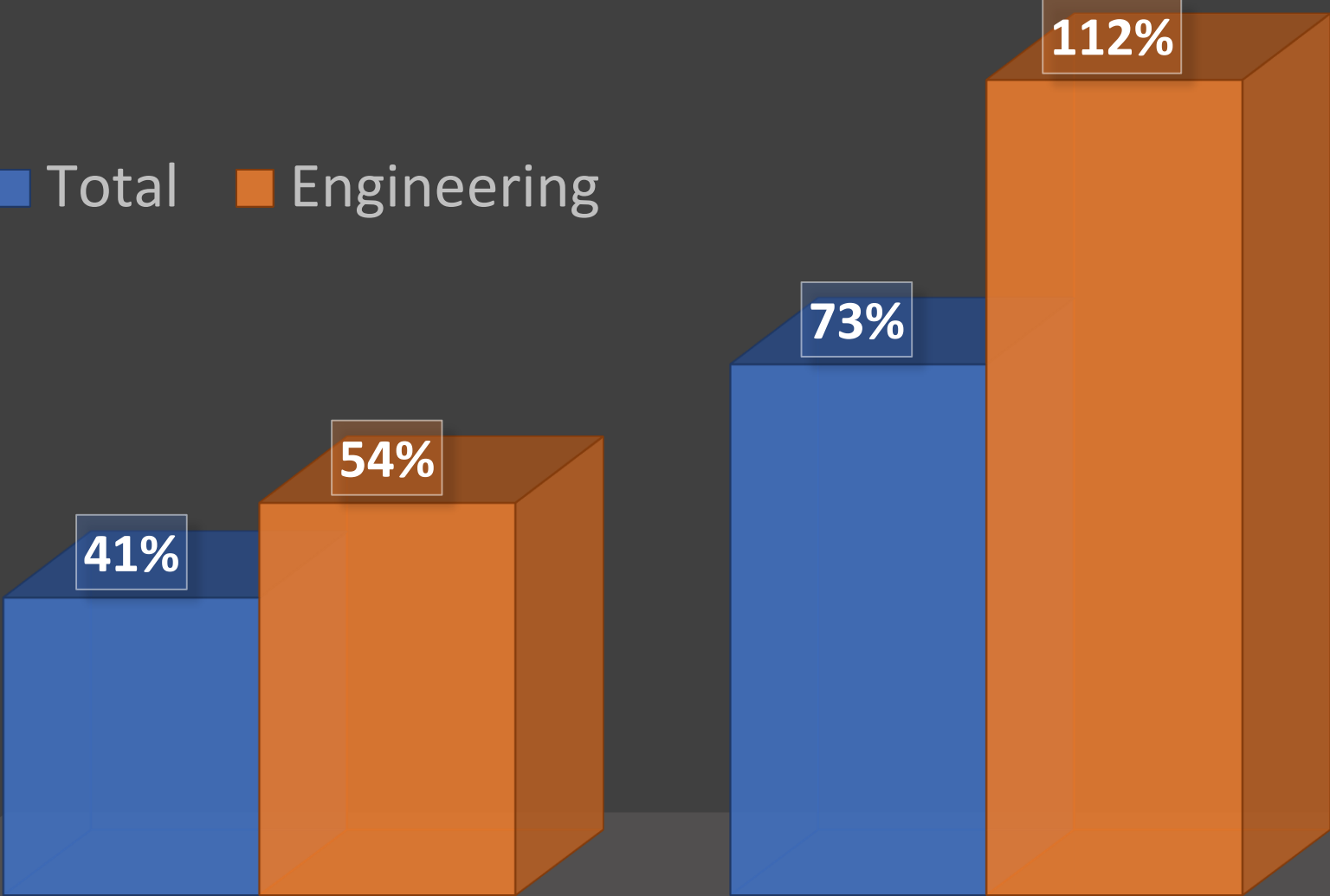
International Students



The Power of International Education

INTERNATIONAL STUDENTS

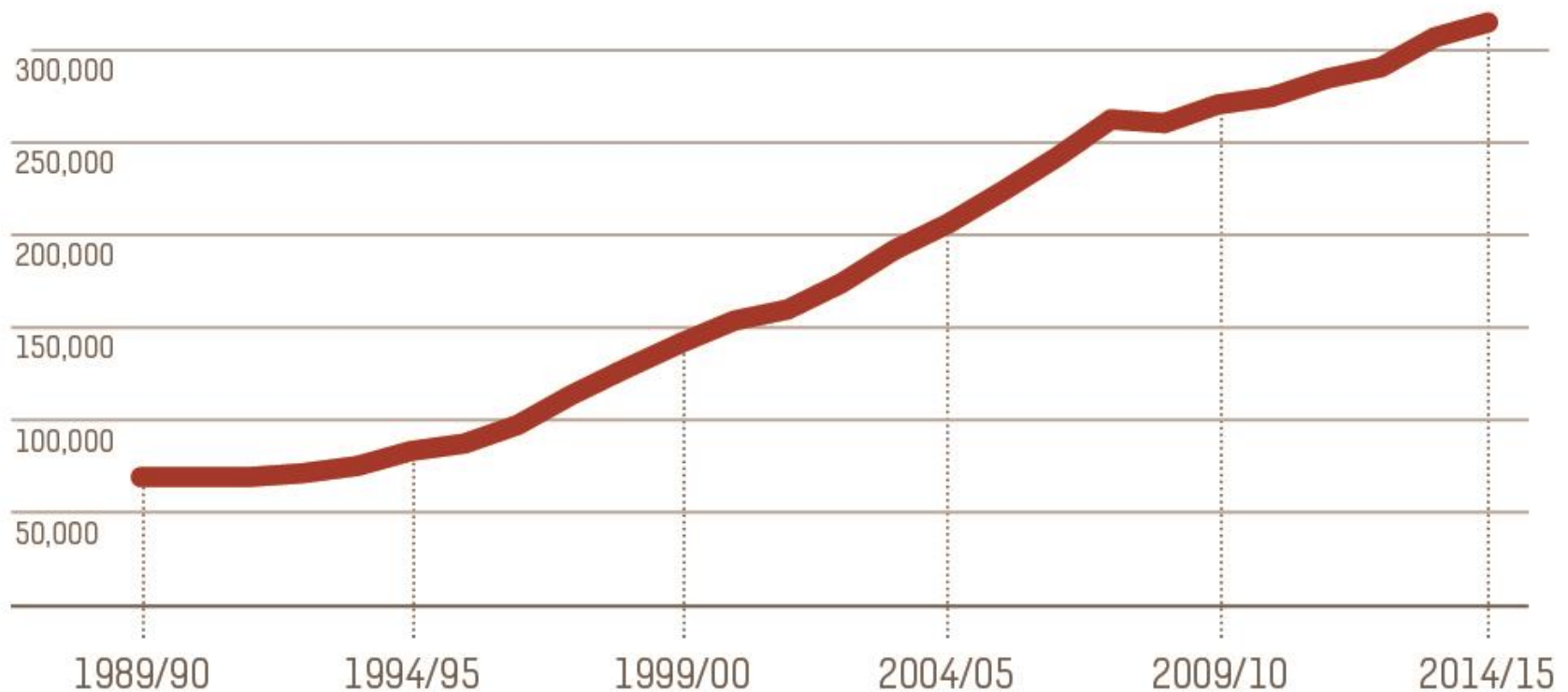
■ Total ■ Engineering



5-yr % Change

10-yr % Change

U.S. STUDY ABROAD STUDENTS 1989/90 – 2014/15



In 2014/15 there was **an increase of 3%** over the prior year in the number of U.S. students studying abroad.

Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. **Online at: www.iie.org/opendoors**

opendoors[®]

TOP FIVE MAJOR FIELDS OF STUDY OF U.S. STUDY ABROAD STUDENTS



STEM Fields

24%



Business

20%



Social Sciences

17%



Foreign Language &
International Studies

8%



Fine and
Applied Arts

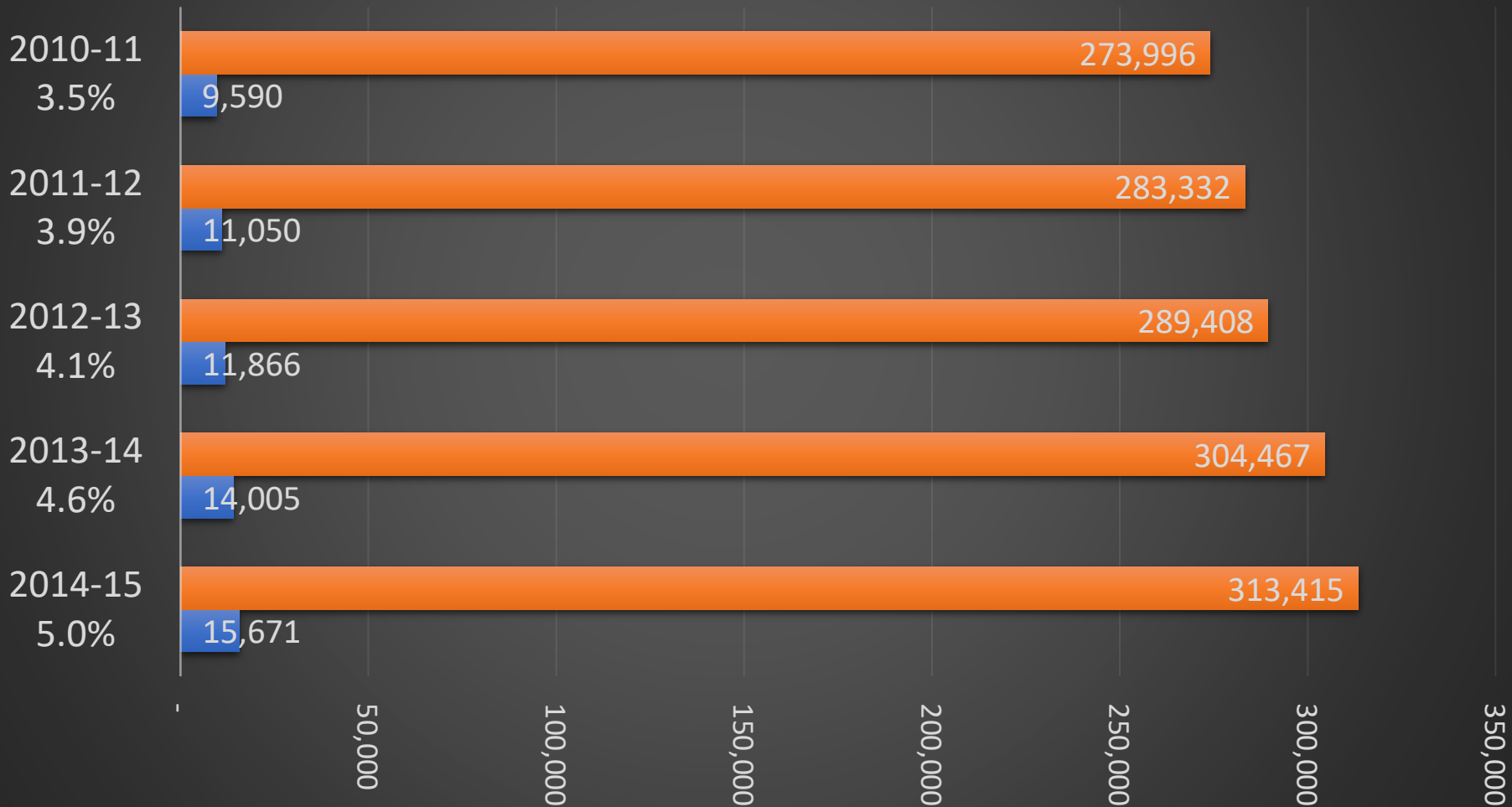
7%

Open Doors is conducted by the Institute of International Education with the support of the Bureau of Educational and Cultural Affairs of the U.S. Department of State. **Online at: www.iie.org/opendoors**

opendoors[®]

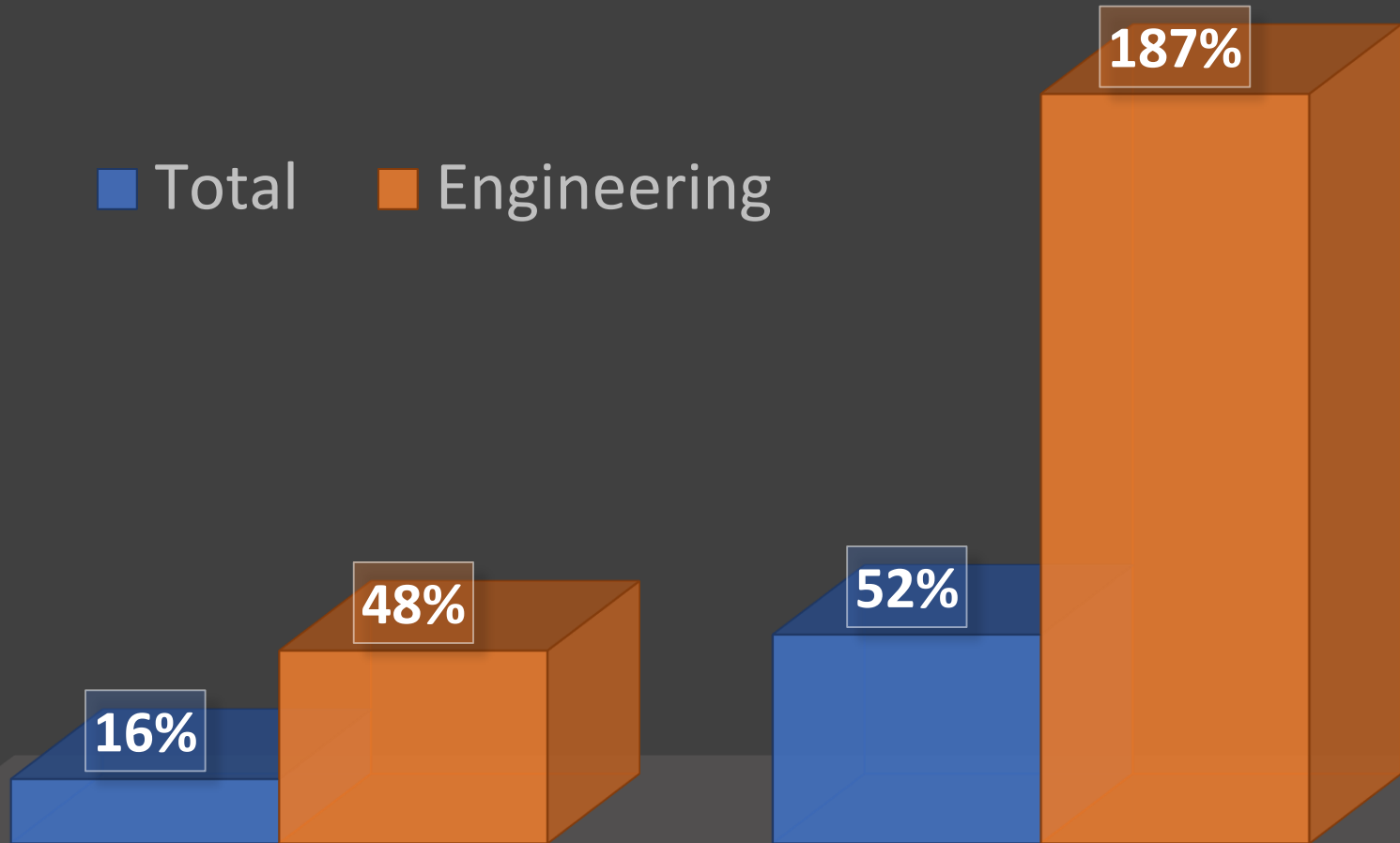
U.S. Students

■ Total ■ Engineering



U.S. STUDENTS

■ Total ■ Engineering



5-yr % Change

10-yr % Change

4 Factors for Changing Trends among U.S. Engineers

- Enrollments and bachelor's degrees
 - +29% over last 5 years; +44% over last 10 years
 - Among women, +40% over last 5 years
- Curriculum design and academic advising
- International partnerships and exchanges
- Industry messaging
 - Hiring of international teams
 - Growth through international acquisition