



Leaders in International Higher Education

2022 ANNUAL  
CONFERENCE

Why the Internationalization of  
Higher Education Still Matters

# Using Data to Demonstrate Why Internationalization Matters

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# Setting the State: Global View: Megatrends

- **EXPANSION** of higher education enrollments: 262 million by 2025
- *Education mobility has doubled since 2000*
- **DEMOGRAPHIC SHIFTS**: declining youth cohort, e.g. Japan, South Korea, Germany, and growth in secondary seeking HE, e.g. India, Africa
- Role of **TECHNOLOGY** in education
- Growing nationalism and global **CONFLICTS** resulting in academic displacement
- Ongoing **GLOBAL PANDEMIC** = travel bans, visa restrictions, COIL

Project Atlas®

# How Are Countries Responding?

## Capacity Building

Increasing home-country capacity and study abroad

Training human capital - The role of int'l scholarships

Attracting global talent through active recruitment

Insuring equity, access, and diversity

## Global Engagement

South - South Collaboration

Regionalization - Asia, Africa, and Latin America

University and Consortium Partnerships

# Globalization

The movement and interdependency of ideas people, goods, capital, services and organizations as well as threats that cross borders.

~ American Council on Education

🌐 Climate Change

🌐 Pandemic/public health

🌐 Democracy v. Autocracy

🌐 Globalization

🌐 Diversity, Equity, Inclusion

🌐 Wealth inequality

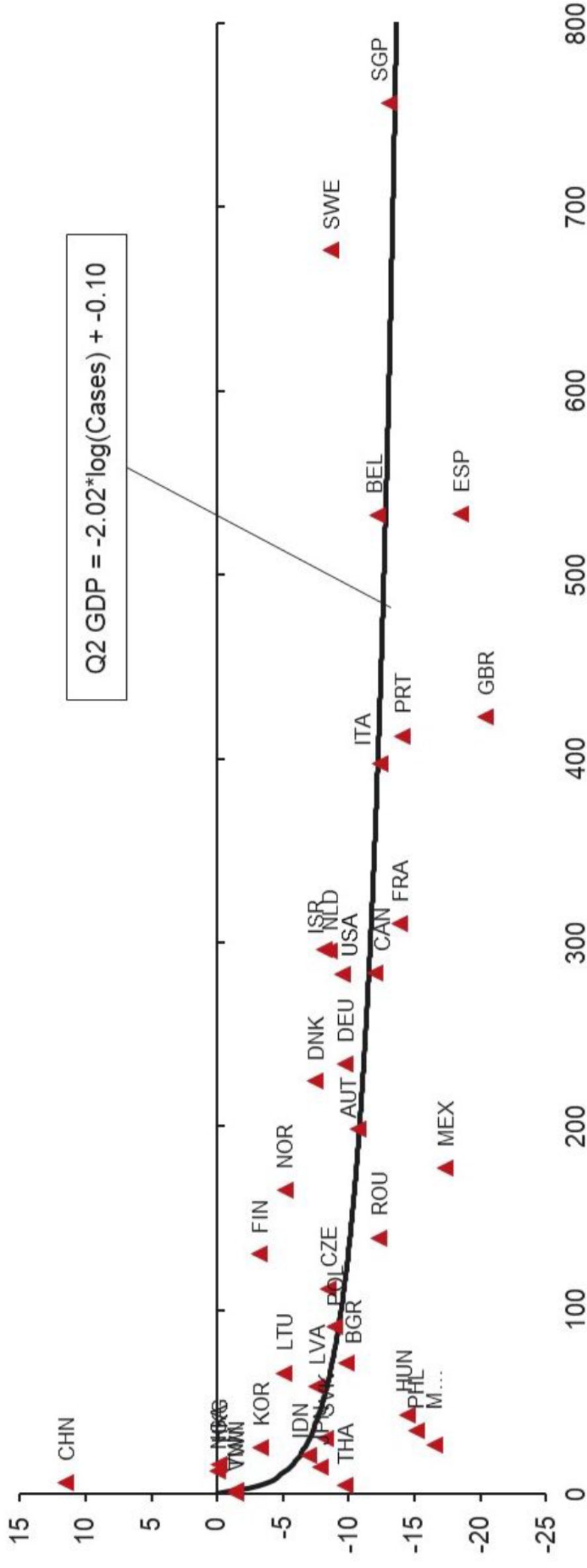
🌐 Hybrid, in-person, Zoom

🌐 International research collaboration



## Second Quarter 2020 GDP Contraction and COVID Cases Per 100,000 Population

GDP percent change, quarter/quarter



COVID-19 cases per 100,000 (as of June 30)

SOURCES: COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University; United Nations World Population Prospects; Organization for Economic Cooperation and Development Quarterly National Accounts; Haver.

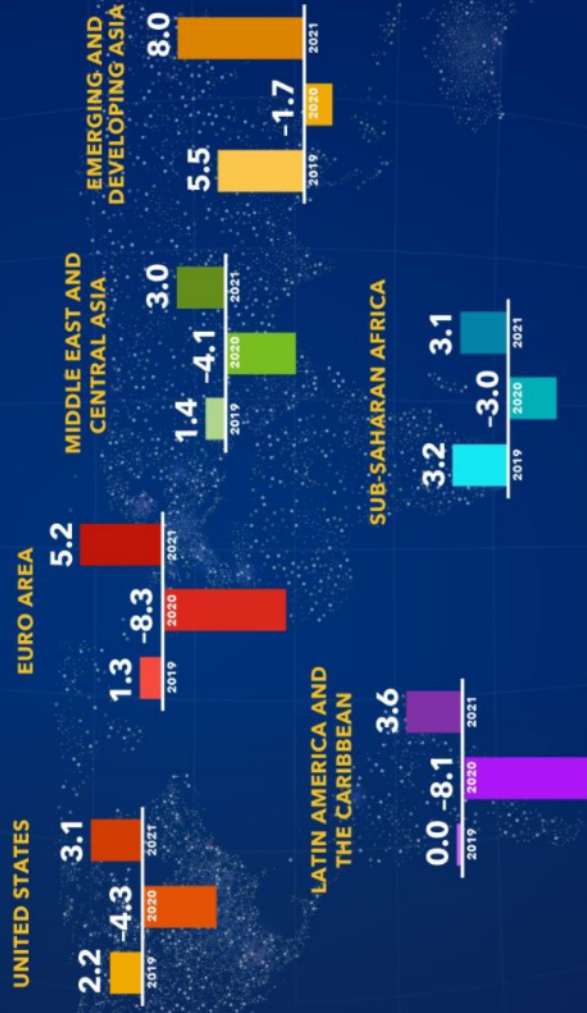
# Internationalization

Higher education's engagement with the reality of Globalization.

~ American Council on Education

## Latest World Economic Outlook growth projections

(percent change)



IMF.org/social

Source: IMF, World Economic Outlook, October 2020.

Note: Order of bars for each group indicates (left to right): 2019, 2020 projections, and 2021 projections.

America's leading research universities are at the forefront of the battle against COVID-19 and are working to protect us from other pandemics. From assisting communities developing response strategies, to increasing testing capacity and researching possible vaccines, to treating people who have contracted the novel coronavirus, universities are working tirelessly to address the full impact of this pandemic.

~ Association of American Universities

# Case Western Reserve COVID Outreach

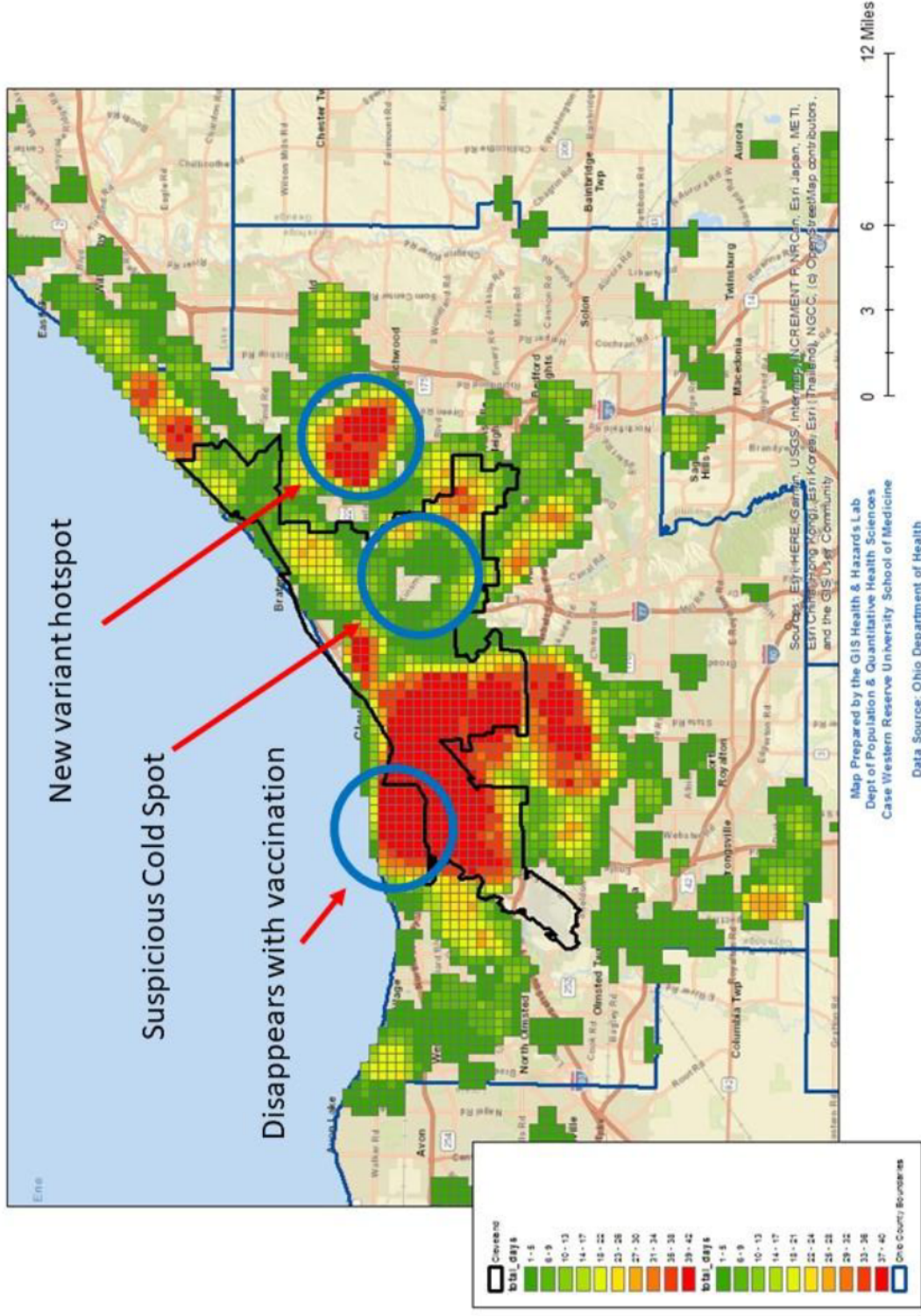
## COVID-19 impact on practice, research and training

- Schools and Programs of Public Health are at the **nexus of public health practice**, research, and training and have a strong history of collaboration with health agencies
- COVID-19 is at its core a **public health crisis** requiring a coordinated public health response and professional development to address existing and emerging demands
- COVID-19 has renewed society's awareness of ongoing **public health needs**

## Response to COVID-19

- A collaboration within CWRU: Faculty, Staff, Students, Alumni
- A collaboration within CDPH, City of Cleveland, and regional partners
- **A collaboration between CDPH and CWRU** to advance public health monitoring, data management, data analysis, reporting, and research, and professional development

# Case Western Reserve COVID Outreach





# Benefits From International Students

The screenshot shows the NAFSA International Student Economic Value Tool interface. At the top, there's a navigation bar with 'International Student Statistics' and 'Download Report' buttons. Below this is a section titled 'Economic Value Statistics' with a 'Download Report' button. A large map of the United States is displayed in the center. To the right of the map, there's a section titled 'International Student Stories' featuring three profiles: Annee Aleksanders Angstromska (University of Arizona), Samad al-Dumari (Central University), and Fungqi Jiang (Texas A&M University). Each profile includes a photo and a short bio.

## South Carolina

- Financial contribution: \$128.3m
- Jobs supported: 1,217
- Int'l students Enrolled: 5,352
- *3<sup>rd</sup> Congressional District*  
*(Congressman Jeff Duncan)*
- Financial contribution: \$31.3m
- Jobs Supported: 337
- Int'l Students Enrolled: 1,753

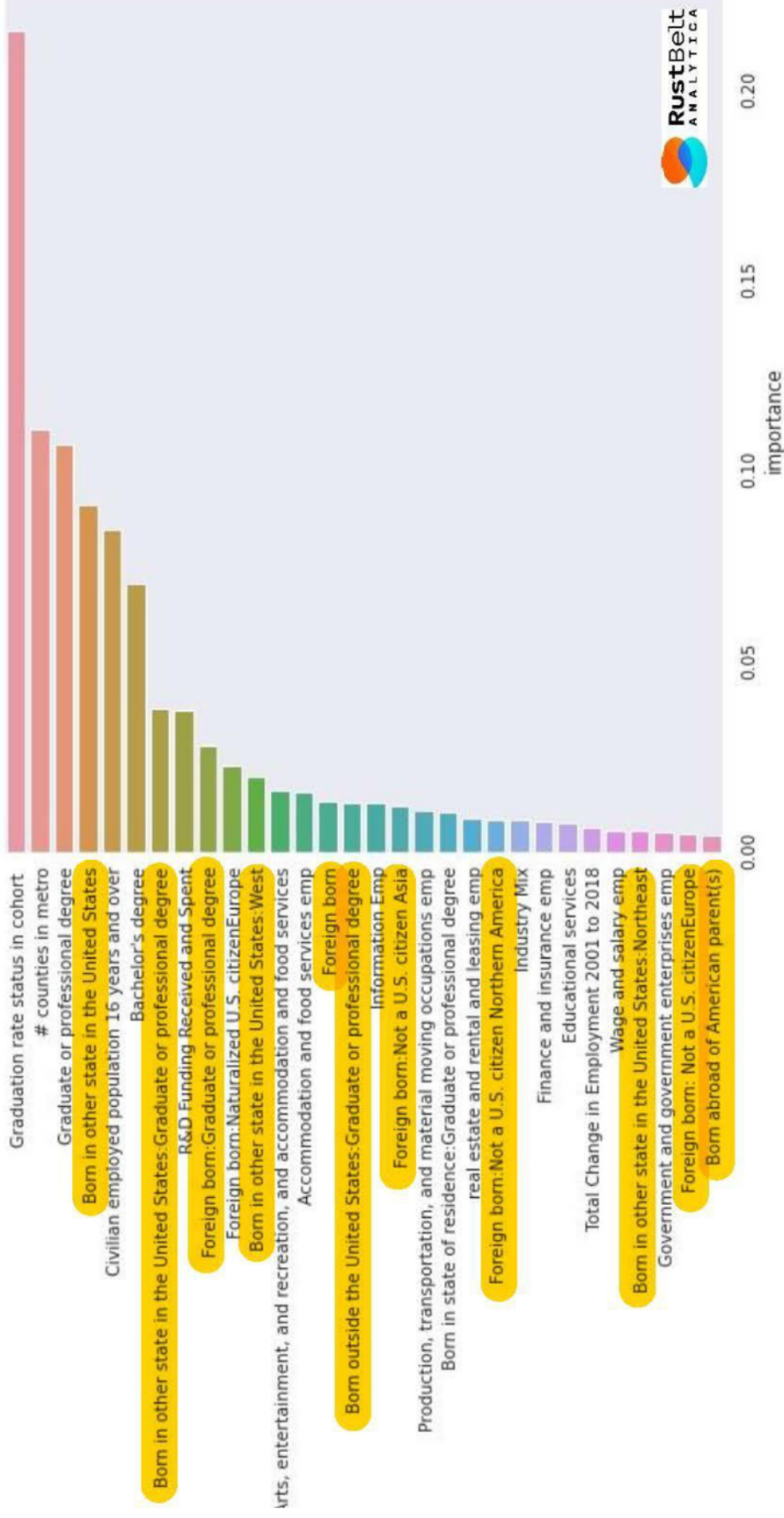
[NAFSA International Student Economic Value Tool](#)

AIEA: Leaders in International Higher Education



# Key Factors in Regional Economic Advancement

Figure 12: Results of Permutation Feature Importance Model. Source: Author's Calculations



*Migration is Economic Development - Richey Piiparinen, Jim Russell, Josh Valdez*

# International Education Data Uses

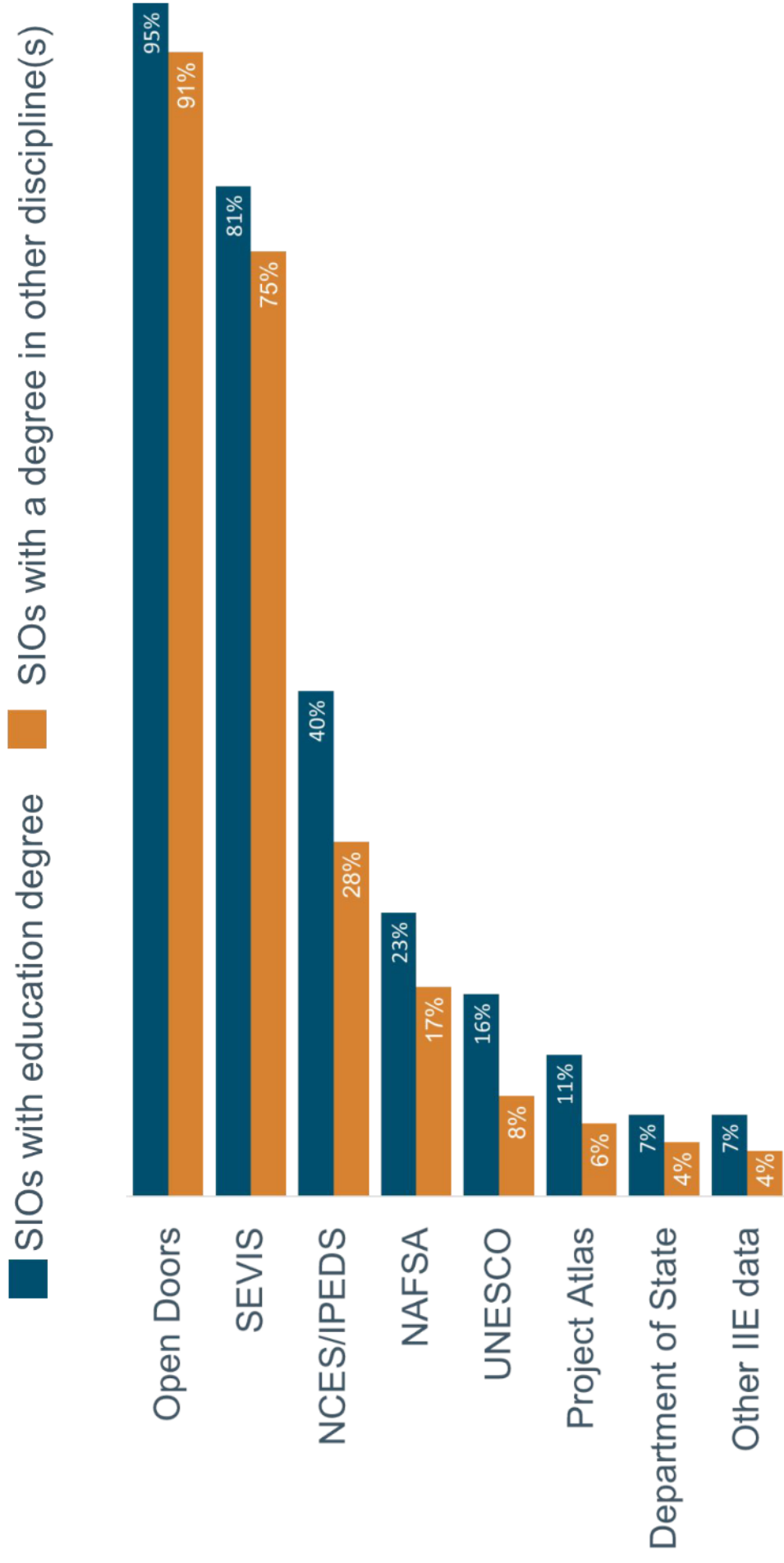
**Benchmarking** internationalization efforts

**Strategic planning** for internationalization

**Recruitment and enrollment management**

**Advocating** for internationalization on campus and in the community

# Types of International Education Data



# Open Doors

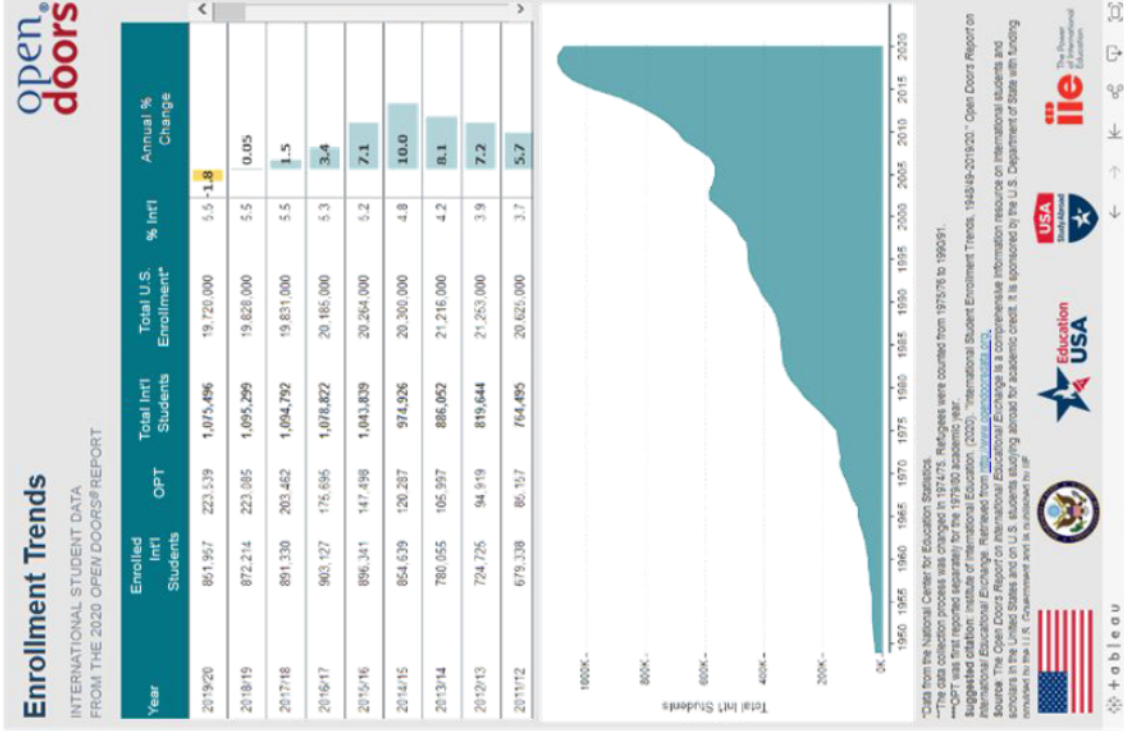
[www.opendoorsdata.org](http://www.opendoorsdata.org)

Extensive data tables made freely available to all who want to use the information for background research, benchmarking, developing policies, recruitment, advocacy, and more

Download Historical Data

DOWNLOAD

Size: 14.97 KB



# SEVIS

<https://studyinthestates.dhs.gov/sevis-data-mapping-tool>

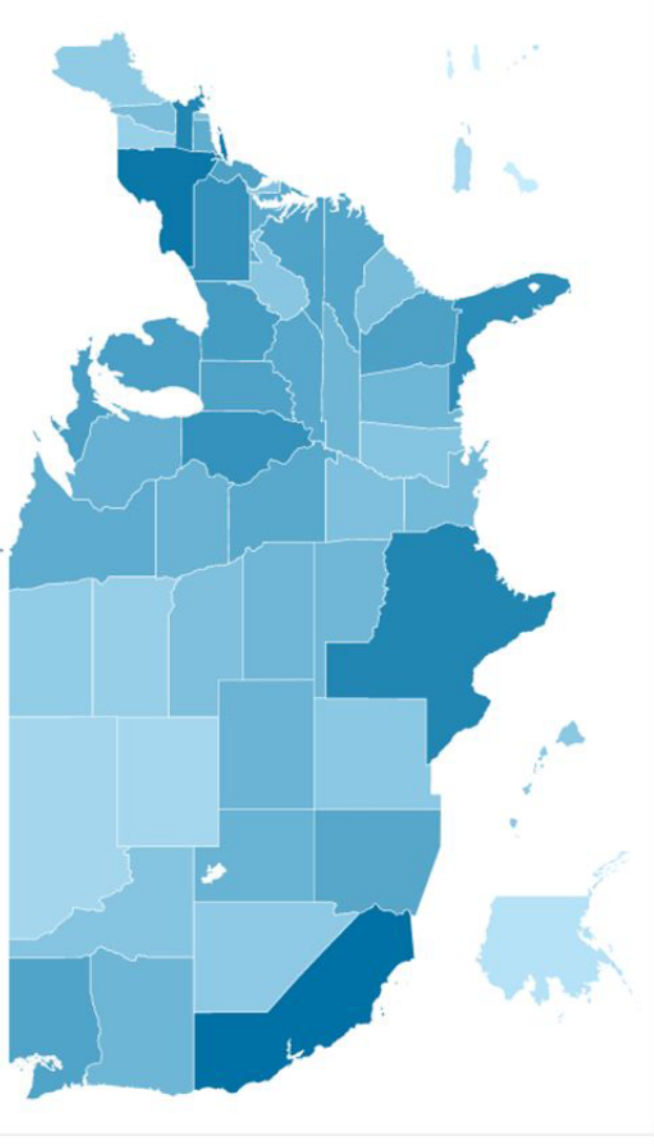
SEVIS is the web-based tool that the Department of Homeland Security uses to maintain information on F visa and M visa students in the United States. The map is updated with information from SEVIS every quarter.

## UNITED STATES VIEW

How to use the Interactive Map



Reporting Period: December 2020



Map Legend



# NCES/IPEDS

<https://nces.ed.gov/ipeds/use-the-data>

Annual Reports > Digest of Education Statistics



## DIGEST of EDUCATION STATISTICS

LIST OF TABLES AND FIGURES  • 2019 full version of the Digest • Digest from 1990-2019 (PDF) • Contact

### LIST OF CURRENT DIGEST TABLES

#### Most Current Digest Tables - BOOKMARK THIS PAGE!

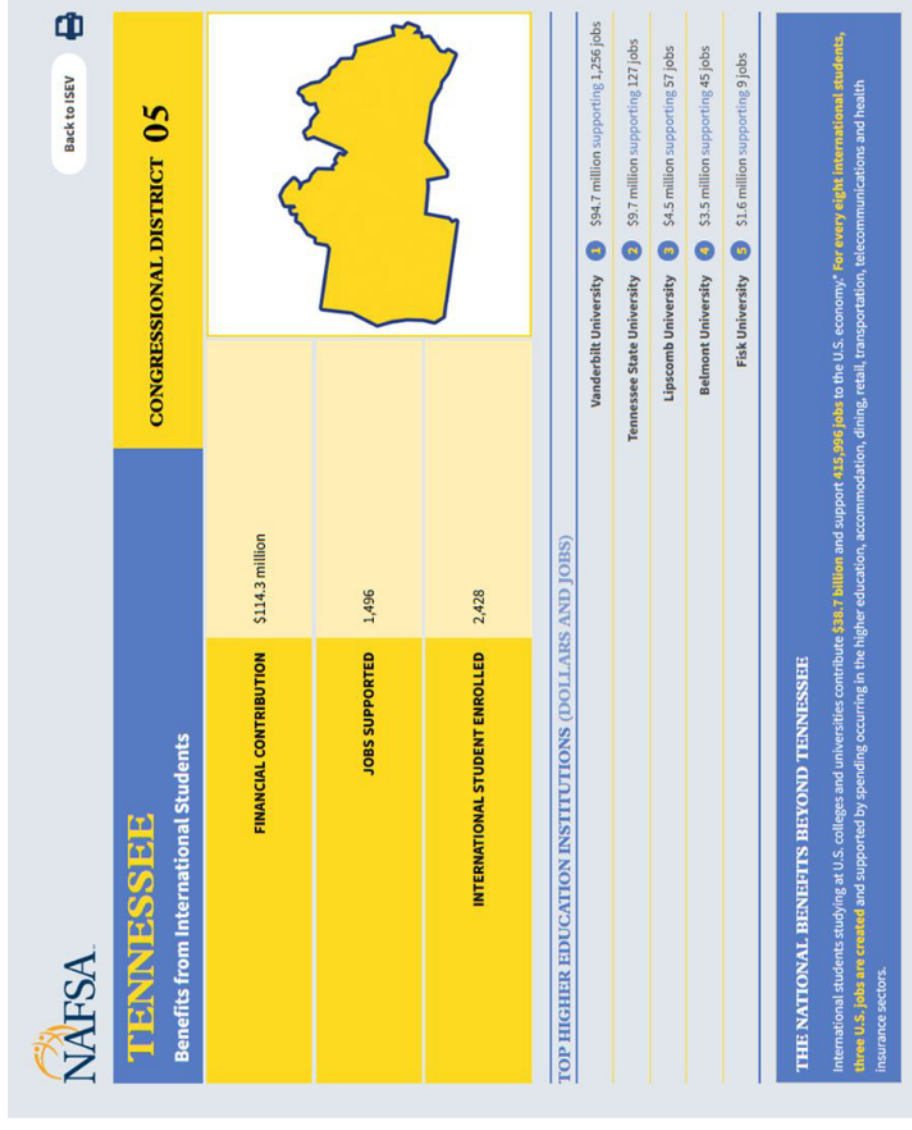
In order to make the data available more quickly, tables for the Digest will be posted in this location as soon as they are completed. This list includes tables from multiple reports. To view a particular report's tables, choose the release date above.

- [Chapter 1. All Levels of Education.](#) [\[Show All\]](#)
- [Chapter 2. Elementary and Secondary Education.](#) [\[Show All\]](#)
- [Chapter 3. Postsecondary Education.](#) [\[Hide All\]](#)
  - [301 Overview and Historical](#)
  - [302 Enrollment Rates](#)
  - [303 Total Fall Enrollment—General](#)
  - [304 Total Fall Enrollment—State-Level](#)
  - [305 First-Time Students and Admissions](#)
  - [306 Enrollment of Racial/Ethnic Groups](#)
  - [307 Full-Time-Equivalent Fall Enrollment](#)
  - [308 Twelve-Month Enrollment](#)
  - [309 Student Residence and Migration](#)
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  - [314 Staff](#)
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  - [318 Summary of Degrees Conferred](#)
  - [319 Degrees Conferred—State-Level](#)

# NAFSA Economic Impact Tool

[www.nafsa.org/economicvalue](http://www.nafsa.org/economicvalue)

NAFSA conducts an annual state-by-state and congressional district analysis of the economic contributions of international students and their families to the U.S. economy.





# IIE COVID-19 Research

[www.iie.org/publications](http://www.iie.org/publications)



# Student Data: Where the Tire Hits the Road

## The IMPACT of Study Abroad

- Real life experience
- Enhanced critical thinking/creativity
- Employment edge
- Self-reliance
- Adaptability
- Better Global Citizen



"Studying abroad was the highlight of my college career. Going to Ireland definitely opened my eyes to a whole new world and helped me so much. I went abroad my junior year because that was when I really wasn't sure I wanted to stay at ERAU. I was looking at other options, different schools to transfer to, but since I was further into college, transferring seemed very difficult. That's when I looked into going abroad. Making that decision helped me realize how much I still loved ERAU but was just in need of some change. Being in Limerick, Ireland for a year really helped me grow as a person. I went into a new place alone and was very shy. In the end, I left after a year with some of my best friends that I still talk to 3 years later and a much more open person. I am more ambitious now, and have so much more confidence in myself. I solo traveled all over Europe while I was abroad, which helped me grow so much. Now, after graduating, it has helped me in the real world whether I needed a conversation starter or just a confidence boost. As for getting a job, employers always love seeing international experience on resumes because it shows that you are motivated and resourceful. It really helped me more than I could have ever imagined. Whenever someone asks me about my time abroad, I always tell them I'd go back in a heartbeat if I could."

~Lexi Feinman, University of Limerick Spring 2019, Aeronautics

## *What we found at our university:*

### Academic

- Improved GPA
- Higher Retention Rates
- Higher Graduation Rates

### Beyond the Sacred Halls:

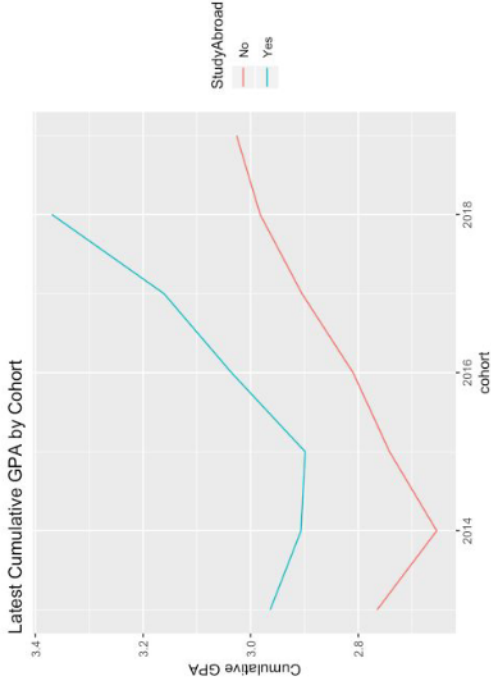
- More connected
- Higher giving

## *Where can you mine and who can you partner with?*

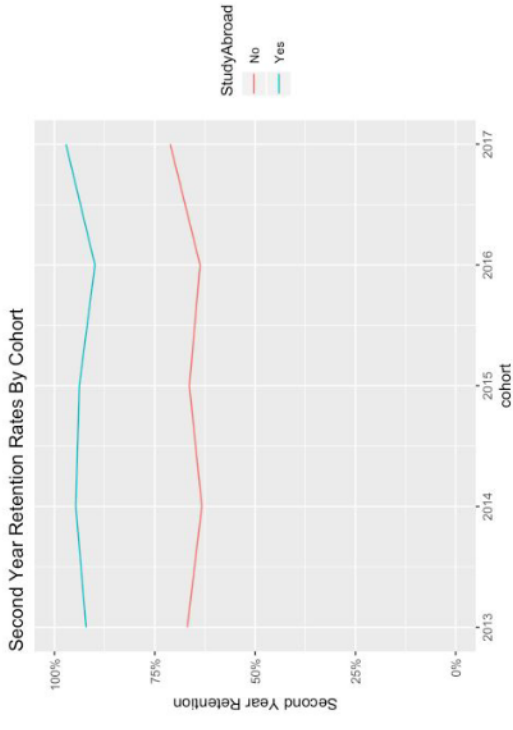
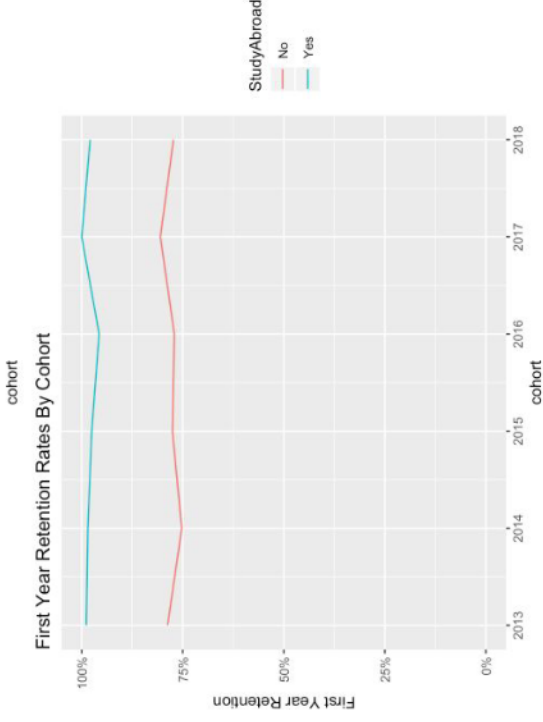
- Broader published studies
- University's Institutional Research (IR) Library

# What we found at ERAU...

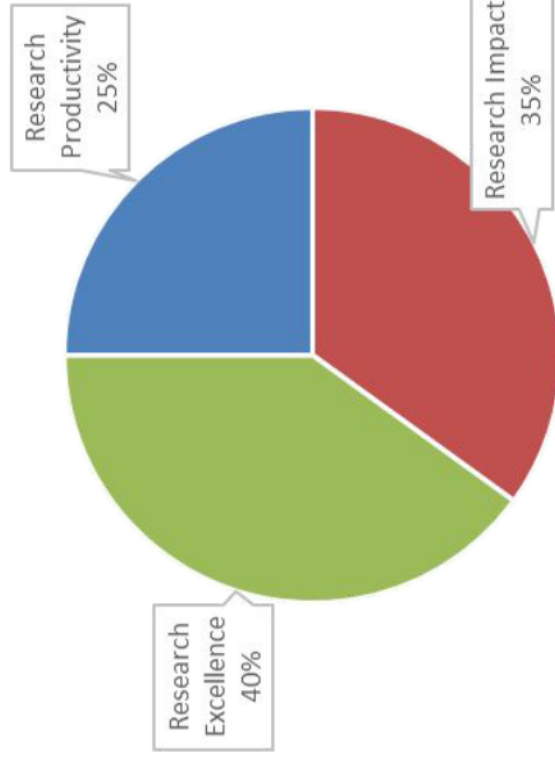
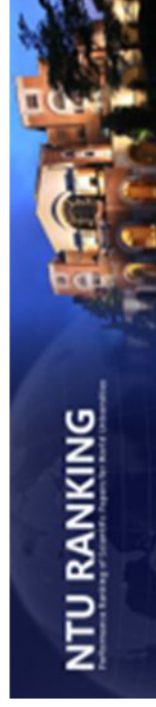
## Improved GPA



## 1st and 2nd Year Retention



# Research Data and Global Rankings



- Web of Science
- Publication Metrics
  - Number
  - % in top publications
  - Gender
  - collaborations

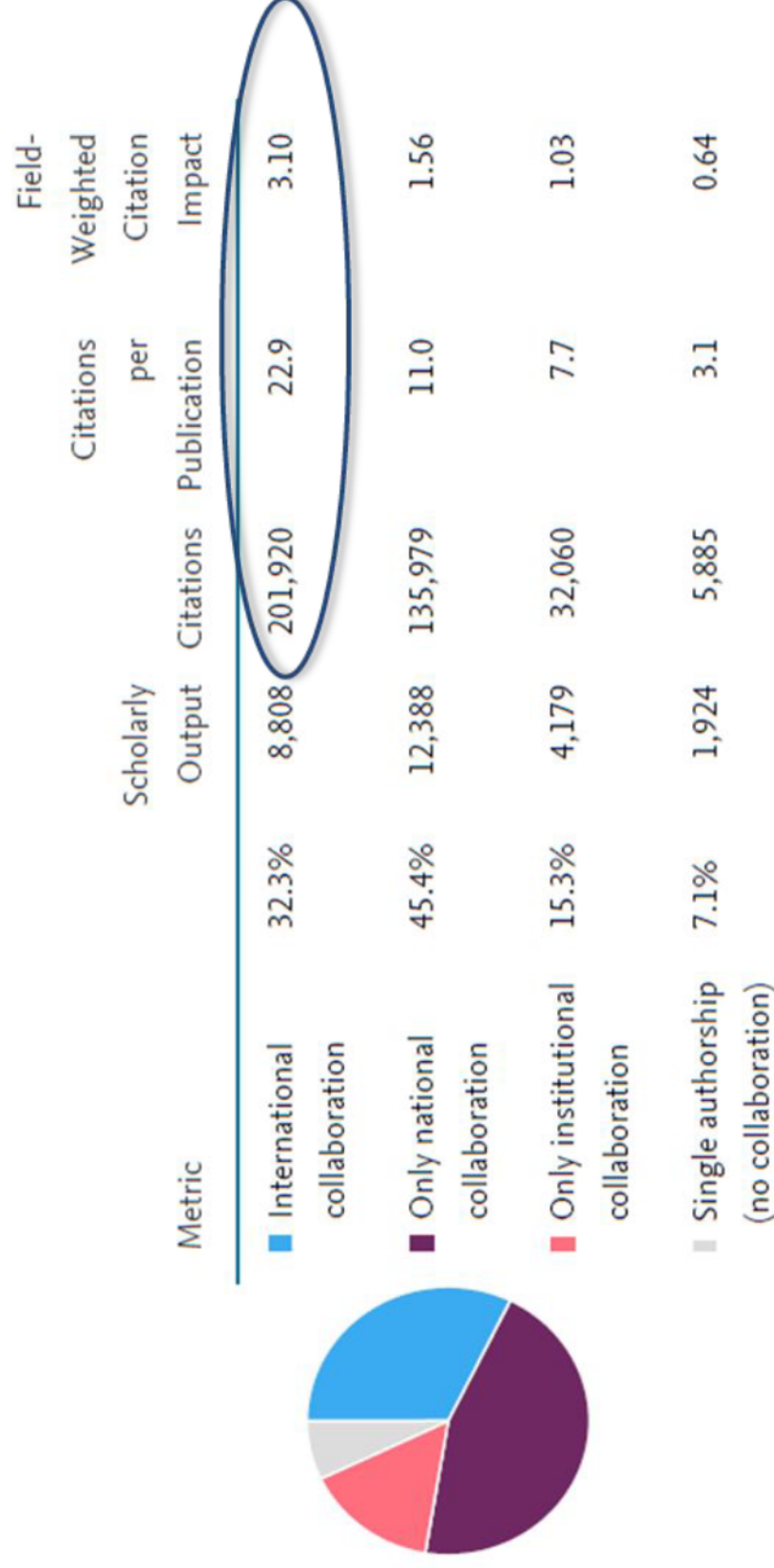
<http://nturanking.csti.tw/>

<https://www.leidenranking.com/>

# International Collaborations and Research

Case Western Reserve University Scholarly Output at CWRU, 2015-2020 from Scopus

Only 32.3% of current research is with international collaborators, but accounts for 53.7% of all citations with an average 22.9 citations per publication and a field weighted citation impact of 3.10



# **Thank you!**

# **Questions and Comments**