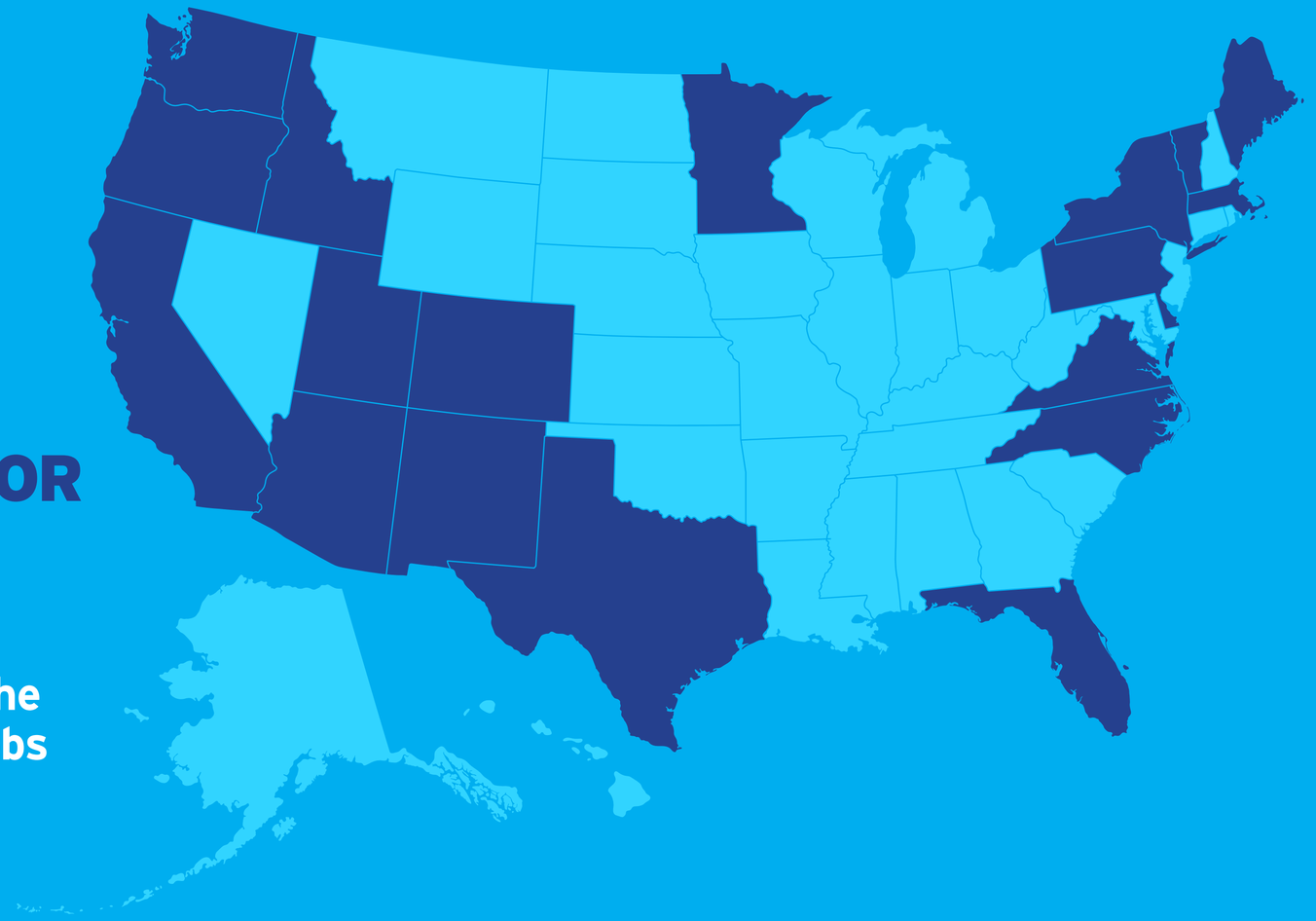
THE U.S. SEMICONDUCTOR INDUSTRY WORKFORCE

Leadership in semiconductor research, design, and manufacturing requires access to the best and brightest scientists and engineers from around the world. In the global race for talent, the U.S. educational system is failing to produce a sufficient number of American workers and students with the necessary STEM expertise.

18 **U.S. STATES**
are home to major semiconductor manufacturing facilities

6.7 **THE SEMICONDUCTOR INDUSTRY'S JOBS MULTIPLIER**

For each U.S. worker directly employed by the semiconductor industry, an additional 5.7 jobs are supported in the wider U.S. economy.



IT'S TIME TO ATTRACT AND DEVELOP A SKILLED WORKFORCE

BY THE NUMBERS

300+

Semiconductors are a critical input for more than 300 downstream economic sectors, accounting for more than 26 million U.S. workers.

$170,000

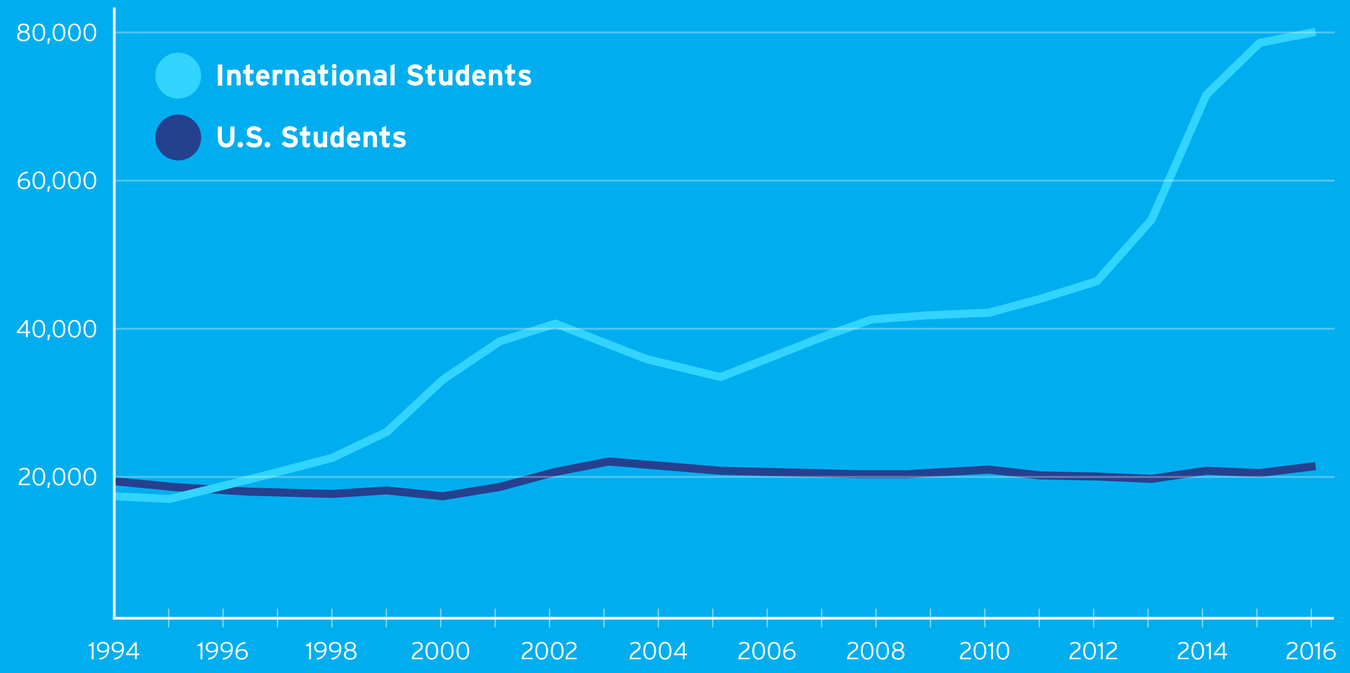
Workers in the semiconductor industry are highly productive, and wages reflect this at $170,000 annual income, on average, in 2020.

277,000+

The semiconductor industry directly employs more than 277,000 workers in high-paying R&D, design, and manufacturing jobs across 49 states and supports 1.6 million additional American jobs.

AMERICA'S TALENT CHALLENGE

International students make up a growing share of science and engineering graduate students at U.S. institutions, outnumbering their American counterparts by a ratio of four to one. Every highly educated immigrant who stays and works in the U.S. creates nearly three additional American jobs.



A $50 BILLION FEDERAL INVESTMENT PROGRAM

to incentivize domestic semiconductor manufacturing would lead to:

185,000

Average number of temporary American jobs created annually while adding $24.6 billion to the U.S. economy as new semiconductor manufacturing facilities are constructed from 2021-2026

280,000

Number of new jobs added to the American economy of which 42,000 would be directly employed in the semiconductor industry

319,000

The employment number the U.S. semiconductor industry will attain with the help of the federal investment program, and the program's total jobs impact will be 2.13 million by 2027

SIA SEMICONDUCTOR INDUSTRY ASSOCIATION

Learn more at www.semiconductors.org