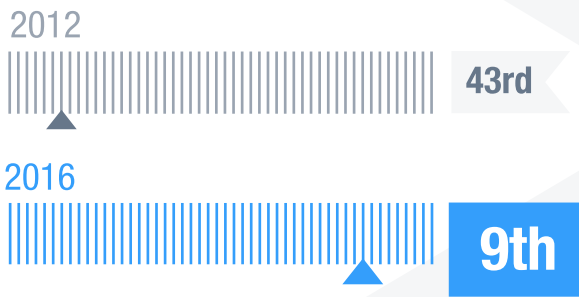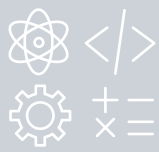When our analysis began in 2012, Illinois ranked 43rd among states for the share of college degrees in STEM.
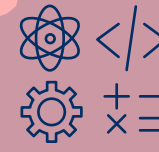
2012 — 43rd

2016 — 9th

In 2016, Illinois rose to ninth.

2016
STEM % of total degrees

IL 31.8%   USA 28.3%

Illinois STEM growth is driven especially by health and computer science disciplines.
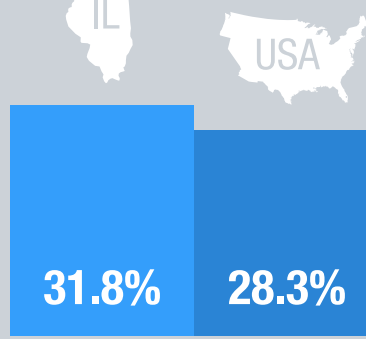
2016

40,400
Illinois STEM degrees in 2016
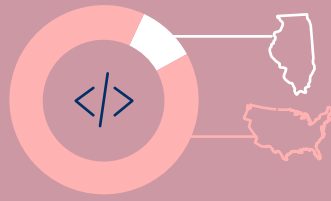★ highest on record

Computer Science degrees

3,273
2016
Computer Science degrees

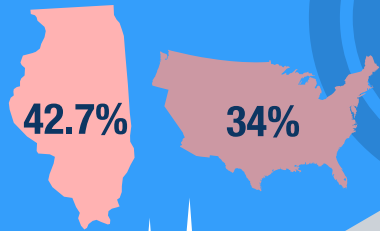**More than 2x** the number compared to the last 5 years

IL produced **10%** of US computer science degrees in 2016.

IL is **2nd** largest producing state for computer science degrees.
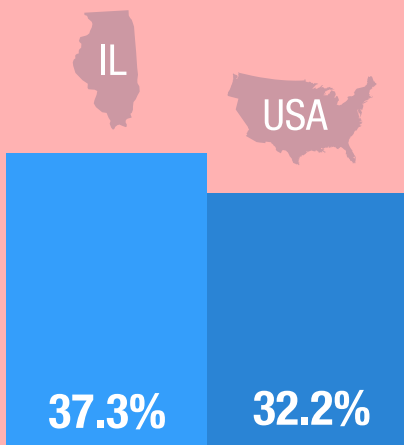
2

Health degrees % of STEM degrees

42.7%   34%

Illinois Innovation Index
ILLINOIS SCIENCE & TECHNOLOGY COALITION
TALENT SUPPLY

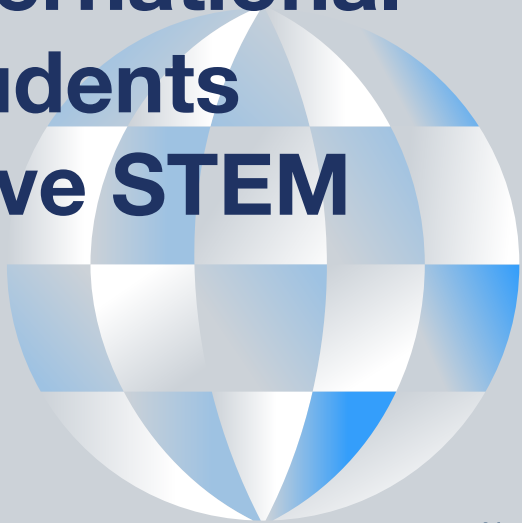STEM % of advanced degrees

IL 37.3%   USA 32.2%

MBA

IL is the 4th largest producer of MBA degrees in the US.
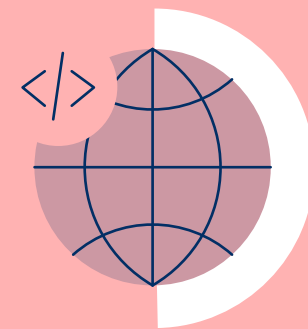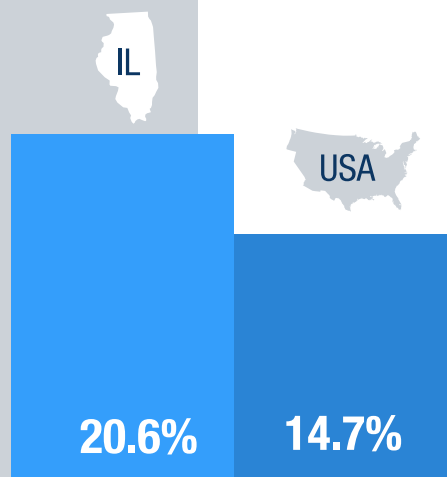
CHICAGO

IL computer science graduates are **5x more likely** to work in Chicago than any other city.
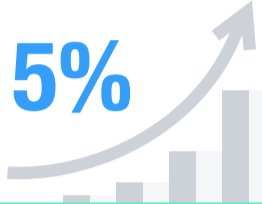
International students drive STEM

% of nonresident STEM grads

IL 20.6%   USA 14.7%

49.9% of computer science grads in Illinois are nonresidents.

Illinois' share of STEM jobs lags the national average, but the state is closing the gap - with growth in these jobs outpacing the national average.
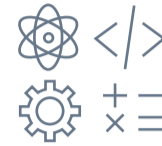
5%

This growth is especially strong in computer-related fields, where growth has exceeded 5% annually.
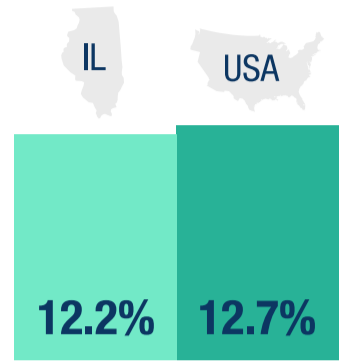
710,000 STEM jobs in Illinois

=10,000 jobs

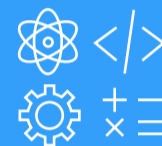Overall, STEM jobs mirror the state's talent production, with health and computer occupations most prevalent.
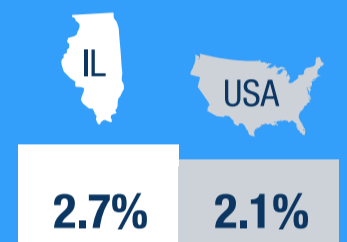
STEM jobs % of total workforce

IL **12.2%** USA **12.7%**

9 of the top 10 STEM occupations are in health or computer science

STEM job growth

IL **2.7%** USA **2.1%**

ILLINOIS SCIENCE & TECHNOLOGY COALITION

Illinois Innovation Index

TALENT DEMAND

Top Industries for
SOFTWARE ENGINEERS

16,000 Software & IT Services

$ 5,500 Finance

3,100 Healthcare

Computer related job growth

IL **5.1%** USA **3.9%**
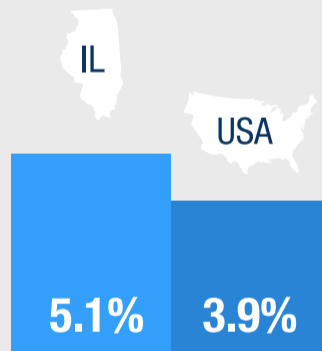
41,000 Software engineers in Chicago

Chicago is the number one destination for software engineering graduates from the Midwest.

1

Chicago has the **3rd** longest average tenure for software engineers out of top 10 biggest US cities.

Chicago ranks **15th** of 50 top cities for retention of software engineering graduates.