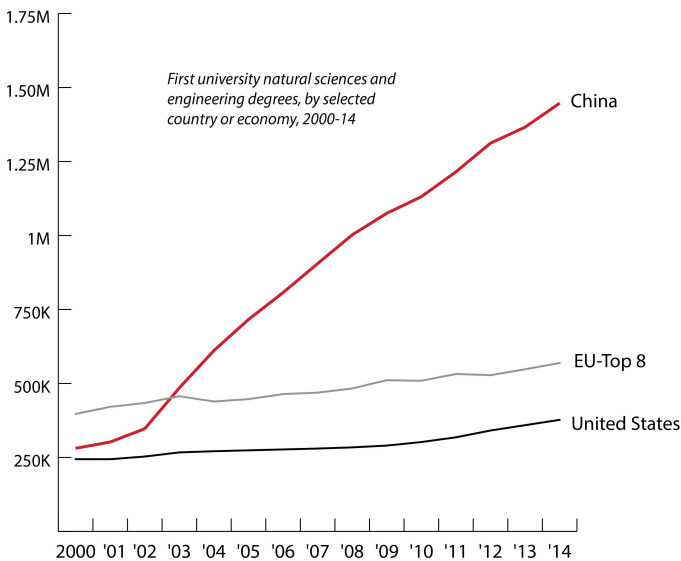


# The Truth About: China & U.S. Degree Production



## We are Falling Behind China in Degree Production

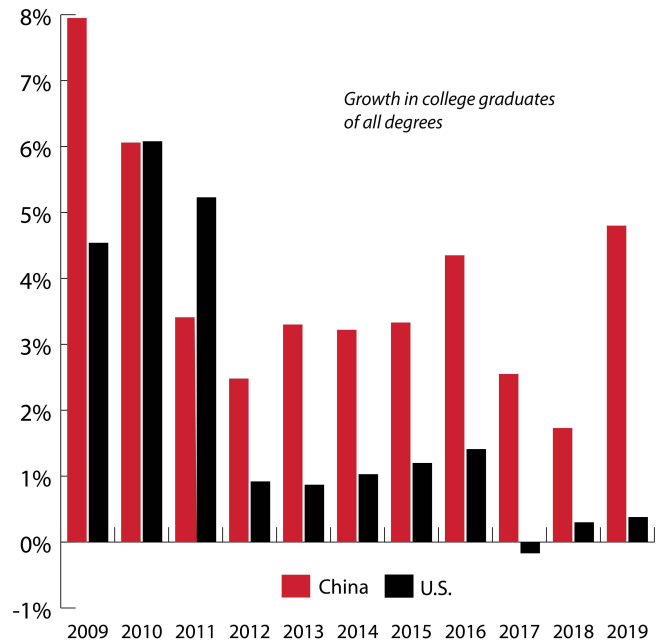
As the 2010s have come to a close. The U.S. can look back on a decade of declining human capital production, while our main competitor, China, rapidly expands its human capital. The Chinese government is **spending hundreds of billions of dollars** to educate millions of young people as they move from farms to cities. Just as the U.S. lost low-skill manufacturing jobs to China, as China industrializes, their next target are white collar U.S. jobs as they **shed low-skill jobs to other Asian countries.**



Note: EU-Top 8 includes: UK, Germany, France, Poland, Italy, Spain, Romania, Netherlands  
Source: "Science and Engineering Indicators" (2018)

## Ohio Needs to Catch Up in R&D Spending

As the seventh largest state, **Ohio needs to be doing more** to encourage research and development spending to seed innovation. Ohio significantly lags behind other states in R&D spending, contributing only **\$12B out of a total \$495B**. By encouraging more research spending to drive innovation, Ohio will play its role in ensuring the U.S. maintains its competitive advantage in innovation in science and technology.

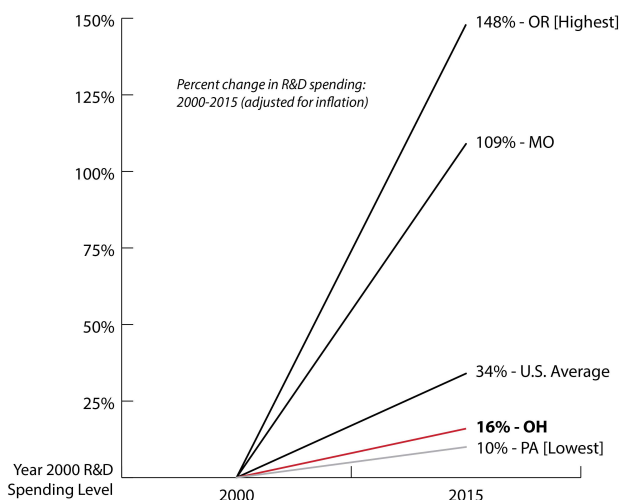


Note: Data includes PhDs and Associate degrees. U.S. Data for 2017-18 through 2019-20 are projected. All figures are rounded.

Source: China Ministry of Education (China); National Center for Education Statistics (U.S.)

## China's Science & Engineering Degree Production

Not only is China producing college graduates generally speaking, they are also **producing science and engineering graduates at a breakneck pace**. These graduates will be competing with U.S. graduates in the coming decades to determine who the most innovative superpower will be. The U.S. must meet the challenge and invest in the human capital and other policies that will **sustain our innovative competitive advantage.**



Source: NSF, National Center for Science and Engineering Statistics, National Patterns of R&D Resources (2018)