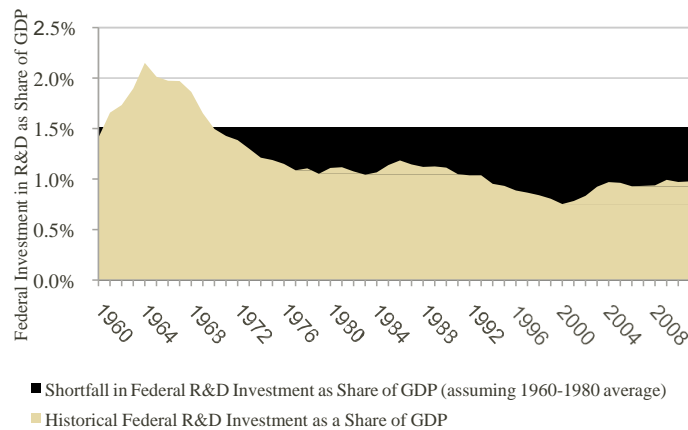


American Innovation Act

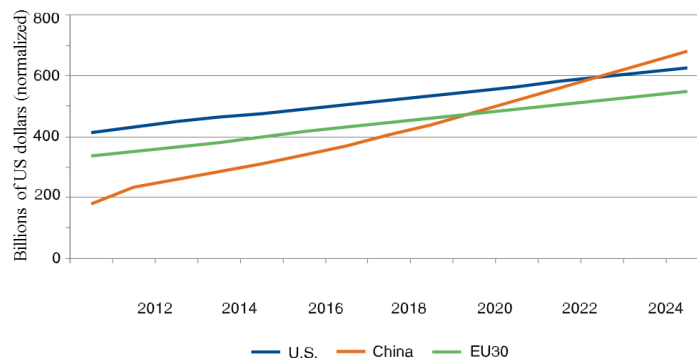
The American Innovation Act renews America's commitment to innovation with steady growth in federal investment in basic research in science and technology. Since World War II, these investments have helped the U.S. lead the world in new innovations, grow the economy, create millions of jobs, and provide critical advancements to our national security. Sustained support for research has sent a man to the moon, created Google, and sequenced the human genome.

However, federal R&D funding in the U.S. has been lagging in recent decades:

- In 1960's the U.S. invested 17% of its discretionary budget on research and development—that number is now down to 9%.
- Between 1960 and 1980, federal R&D spending as a share of GDP averaged 1.52% per year. However, federal R&D investments now average just under 0.8% year. This steady decline has led to a cumulative \$1.5 trillion research investment deficit.



Meanwhile, China's research intensity (spending as a percent of GDP) has increased sharply since the 1990s—if this trend continues, China will surpass the U.S. in a little over five years.



American Innovation Act

The bill would increase funding for five science research programs at a rate of GDP-indexed inflation plus five percent by lifting the budget caps. Based on projections from the Congressional Budget Office, investment at this pace would provide over \$110 billion in total additional funding over 10 years for the:

- Department of Energy's Office of Science;
- National Science Foundation;
- Department of Defense Science and Technology Programs;
- National Aeronautics and Space Administration Science Directorate; and
- National Institute of Standards and Technology Scientific and Technical Research Services

The bill is supported by The Science Coalition, the Information Technology and Innovation Foundation, IBM Corporation, Association of American Universities, Association of Public and Land-grant Universities, and Close the Innovation Deficit campaign.