

Support U.S. Research and Development (R&D)

Increase funding:

- Increase federal R&D investment in basic research by 4% annually
- Adopt a two-year cycle for U.S. R&D budget appropriations

+7%
NIH

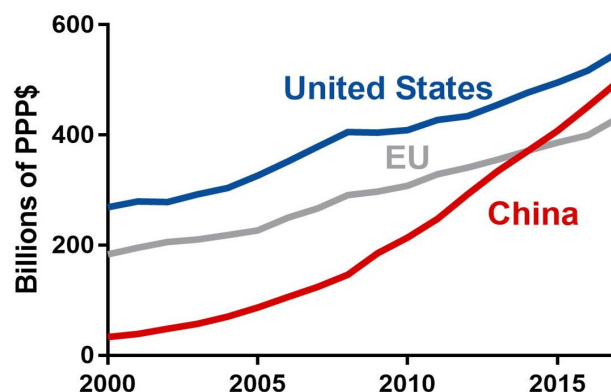
+3%
NSF

+15%
DOE

+3%
NASA

U.S. is losing competitiveness in R&D investment¹

R&D investment is essential to American economic growth and to addressing societal challenges¹



Basic and applied research are crucial for pandemic preparedness



Surveillance

Catch diseases before they become pandemics

01100
10110
11110

Big Data

Track virus transmission and impact on diverse communities



Biomanufacturing

Scale vaccine and drug production quickly



Advanced Communications

Enable remote work, schooling, and medicine



International Research Collaborations

Allow for quicker assessment of and response to novel pandemics

Source: 1. American Academy of Arts & Sciences (AmerAcad) "Perils of Complacency," (AmerAcad, 2020).

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