

HR 4609

National Institute of Standards and Technology for the Future Act of 2021

Congress: 117 (2021–2023, Ended)

Chamber: House

Policy Area: Science, Technology, Communications

Introduced: Jul 21, 2021

Current Status: Placed on the Union Calendar, Calendar No. 177.

Latest Action: Placed on the Union Calendar, Calendar No. 177. (Feb 18, 2022)

Official Text: <https://www.congress.gov/bill/117th-congress/house-bill/4609>

Sponsor

Name: Rep. Stevens, Haley M. [D-MI-11]

Party: Democratic • **State:** MI • **Chamber:** House

Cosponsors (16 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Johnson, Eddie Bernice [D-TX-30]	D · TX		Jul 21, 2021
Rep. Lucas, Frank D. [R-OK-3]	R · OK		Jul 21, 2021
Rep. Waltz, Michael [R-FL-6]	R · FL		Jul 21, 2021
Rep. Bonamici, Suzanne [D-OR-1]	D · OR		Jul 26, 2021
Rep. Bowman, Jamaal [D-NY-16]	D · NY		Jul 27, 2021
Rep. Kim, Young [R-CA-39]	R · CA		Aug 3, 2021
Rep. Garamendi, John [D-CA-3]	D · CA		Aug 20, 2021
Rep. Fitzpatrick, Brian K. [R-PA-1]	R · PA		Dec 7, 2021
Rep. Foster, Bill [D-IL-11]	D · IL		Dec 7, 2021
Rep. Moore, Gwen [D-WI-4]	D · WI		Dec 7, 2021
Rep. Ross, Deborah K. [D-NC-2]	D · NC		Jan 11, 2022
Rep. Trone, David J. [D-MD-6]	D · MD		Jan 11, 2022
Rep. Auchincloss, Jake [D-MA-4]	D · MA		Jan 18, 2022
Rep. Posey, Bill [R-FL-8]	R · FL		Jan 18, 2022
Rep. Cohen, Steve [D-TN-9]	D · TN		Jan 25, 2022
Rep. Moulton, Seth [D-MA-6]	D · MA		Jan 25, 2022

Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Reported By	Feb 18, 2022

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

No related bills are listed.

Summary (as of Feb 18, 2022)

National Institute of Standards and Technology for the Future Act of 2021

This bill reauthorizes the National Institute of Standards and Technology (NIST) through FY2026 and establishes programs and activities.

The bill sets forth requirements for

- supporting basic measurement science, technology research for engineering biology, biomanufacturing, and biometrology;
- developing standards to measure greenhouse gas emissions;
- carrying out research on identity management, cybersecurity, biometric identification, and communications measurement;
- assessing identified vulnerabilities with open-source software;
- operating the National Advanced Spectrum and Communications Test Network;
- a strategic plan concerning the Center for Neutron Research;
- establishing in NIST an organization to facilitate the development of forensic science standards;
- activities in support of green and sustainable chemistry (i.e., clean, safe, and economic alternatives, technologies, and methodologies to traditional chemical products and processes);
- information exchange and coordination among federal agencies and with the private sector to ensure federal engagement in the development and use of international technical standards; and
- establishing a five-year pilot program to award grants to support increased participation by small business and academic interests in international standards organizations.

The Government Accountability Office must conduct a study of NIST's policies and protocols to protect its research and combat undue foreign influence.

NIST shall establish, as a part of the Hollings Manufacturing Extension Partnership, a pilot program of expansion awards among manufacturing extension centers or a consortium of centers to develop and support training and job placement services.

NIST shall establish a National Supply Chain Database to assist the federal government and industry sectors in minimizing disruptions to the United States' supply chain.

Actions Timeline

- **Feb 18, 2022:** Reported (Amended) by the Committee on Science, Space, and Technology. H. Rept. 117-247.
- **Feb 18, 2022:** Placed on the Union Calendar, Calendar No. 177.
- **Jul 27, 2021:** Committee Consideration and Mark-up Session Held.
- **Jul 27, 2021:** Ordered to be Reported (Amended) by Voice Vote.
- **Jul 21, 2021:** Introduced in House
- **Jul 21, 2021:** Referred to the House Committee on Science, Space, and Technology.