

NATIONAL SCIENCE FOUNDATION CURRENT AUTHORIZATIONS

(Dollars in Millions)

LEGISLATION	FY 2022	FY 2023	FY 2024	Authorization Levels		
	Actual	Estimate	Request	FY 2022	FY 2023	FY 2024
National Science Foundation Act of 1950, P.L. 81-507¹				<i>within limits of funds made available for this purpose within the limits of available appropriations to make such expenditures as may be necessary within the limit of appropriated funds utilize appropriations available</i>		
CHIPS and Science Act, P.L. 117-167 - see table below						
SBIR and STTR reauthorized through 2025 at current levels under the SBIR and STTR Extension act of 2022, P.L. 117-183						
<i>Small Business Innovation Research (SBIR) Program²</i>	\$202.41	\$229.14	\$262.84	3.25% of research funds in 2022, 2023, and 2024		
<i>Small Business Technology Transfer (STTR) Program²</i>	\$28.48	\$32.20	\$35.84	0.45% of research funds in 2022, 2023, and 2024		
National Earthquake Hazards Reduction Program Reauthorization Act of 2018, P.L. 115-307	\$52.00	\$52.00	\$54.00	\$54.00	\$54.00	\$54.00
<i>Amends the Earthquake Hazards Reduction Act of 1977 to expand activities under the National Earthquake Hazards Reduction Program to include: (1) gathering information on community resilience (i.e., the ability of a community to prepare for, recover from, and adapt to earthquakes); (2) publishing a systematic set of maps of active faults and folds, liquefaction susceptibility, susceptibility for earthquake-induced landslides, and other seismically induced hazards; and (3) continuing the development of the Advanced National Seismic System, including earthquake early warning capabilities.</i>						
<i>With respect to earthquake hazard reduction activities, the bill revises or expands the duties of: (1) the Interagency Coordinating Committee on Earthquake Hazards Reduction, (2) the National Institute of Standards and Technology (NIST), (3) the Federal Emergency Management Agency (FEMA), (4) the U.S. Geological Survey (USGS), and (5) the National Science Foundation.³</i>						
National Quantum Initiative Act, P.L. 115-368				<i>(Does not authorize appropriations)</i>		
<i>Authorizes the National Science Foundation to carry out a basic research and education program on quantum information science and engineering, and award grants for the establishment of at least 2 but not more than 5 Multidisciplinary Centers for Quantum Research and Education up to \$10 million each for each of fiscal years 2019 through 2023.</i>	*	*	*			

NSF Authorizations and Other Reports

NATIONAL SCIENCE FOUNDATION CURRENT AUTHORIZATIONS

(Dollars in Millions)

LEGISLATION	FY 2022 Actual	FY 2023 Estimate	FY 2024 Request	Authorization Levels		
				FY 2022	FY 2023	FY 2024
National Defense Authorization Act for Fiscal Year 2021, P.L. 116-283						
<i>Sec 5401(f) Establishes the National Science Foundation Pilot Program of Grants for Research in Rapidly Evolving, High Priority Topics to assess the feasibility and advisability of awarding grants for the conduct of research in rapidly evolving, high priority topics using funding mechanisms that require brief project descriptions and internal merit review, and that may include accelerated external review.</i> ⁴	*	*	*	\$868.00	\$911.40	\$956.97
H.R. 8810 - National Landslide Preparedness Act, P.L. 116-323				NA	\$11.00	\$11.00
<i>Provide grants, on a competitive basis, to State, territorial, local, and Tribal governments to research, map, assess, and collect data on landslide hazards within the jurisdictions of those governments. For each of fiscal years 2021 through 2024 there is authorized to be appropriated to the National Science Foundation, \$11,000,000 to carry out this section.</i>	*	*	*			
H.R. 4704 - Advancing Research to Prevent Suicide Act, P.L. 116-339				<i>(Does not authorize appropriations)</i>		
<i>Directs NSF to award competitive, merit-reviewed grants to institutions of higher education (or their consortia) to support multidisciplinary, fundamental research with potential relevance to suicide, including potential relevance to prevention and treatment.</i>						
<i>In awarding such grants, the NSF shall encourage applications submitted by early career researchers, including doctoral students and postdoctoral researchers, to promote the researchers' development.</i>						
S. 2904 Identifying Outputs of Generative Adversarial Networks (IOGAN) Act, P.L. 116-258				<i>(Does not authorize appropriations)</i>		
<i>Sec. 3 Directs National Science Foundation, in consultation with other relevant Federal agencies, shall support merit reviewed and competitively awarded research on manipulated or synthesized content and information authenticity,</i>						

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H.R. 3153 - Expanding Findings for Federal Opioid Research and Treatment Act, P.L. 116-335						
<i>Sec. 2 Directs National Science Foundation, in collaboration with National Institutes of Health shall support merit-reviewed and competitively awarded research on the science of opioid addiction.</i>						<i>(Does not authorize appropriations)</i>
S. 153 - Supporting Veterans in STEM Careers Act, P.L. 116-115						
<i>Sec. 3 Directs National Science Foundation through the research and education activities of the Foundation, encourage veterans to study and pursue careers in STEM and computer science, in coordination with other Federal agencies that serve veterans.</i>						<i>(Does not authorize appropriations)</i>

* NSF only reports actual amounts in the Authorizations Table.

¹ Organic legislation establishing NSF.

² SBIR and STTR are reauthorized through September 30, 2025.

³ Authorizes \$54.0 million for the National Earthquake Hazards Reduction Program at NSF for each of fiscal years FY 2019 through FY 2023.

⁴ Authorizes appropriation of funds for the Pilot Program of Grants for Research in Rapidly Evolving, High Priority Topics. Outyear funding is \$1,004,820,000 for fiscal year 2024; and \$1,055,060,000 for fiscal year 2025.

NSF Authorizations and Other Reports

CHIPS Act Funding Levels

Sec. 10303 Authorization of Appropriations

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Mid-scale RI-1	\$55.00	\$60.00	\$70.00	\$75.00	\$80.00
TIP Directorate	1,500.00	3,350.00	3,550.00	3,800.00	4,100.00
Unspecified Funding	7,495.00	8,640.00	9,230.00	9,925.00	10,520.00
Research & Related Activities	\$9,050.00	\$12,050.00	\$12,850.00	\$13,800.00	\$14,700.00
NOYCE	73.70	80.40	87.10	93.80	100.50
NSF Research Traineeship (NRT)	59.50	64.91	70.32	75.73	81.14
GRFP	416.30	454.14	491.99	529.83	567.68
Cybercorps SFS	70.00	72.00	78.00	84.00	90.00
Fellowships, traineeships, per section 10393	350.00	800.00	900.00	950.00	1,000.00
STEM Teacher Corps Pilot (pg. 393)	60.00	60.00	60.00	60.00	60.00
Sec. 5 Auth. of Approps. (pg. 410)	150.00	150.00	150.00	150.00	150.00
Unspecified Funding	770.50	818.55	862.59	906.64	950.68
STEM Education	\$1,950.00	\$2,500.00	\$2,700.00	\$2,850.00	\$3,000.00
Mid-scale RI-2	76.25	80.00	85.00	90.00	100.00
MREFC	\$249.00	\$355.00	\$370.00	\$372.00	\$375.00
AOAM	\$620.00	\$710.00	\$750.00	\$770.00	\$800.00
OIG	\$23.39	\$26.61	\$31.11	\$34.61	\$38.11
NSB	\$5.09	\$5.32	\$5.56	\$5.81	\$6.07
Total, NSF	\$11,897.48	\$15,646.93	\$16,706.67	\$17,832.42	\$18,919.18