

NSF FY 2023 REQUEST FUNDING BY PROGRAM

(Dollars in Millions)

	FY 2021 Actual	FY 2021 ARP Actual	FY 2021 Total	FY 2022 Annualized CR	FY 2023 Request	FY 2023 Request change over FY 2021 Actual	
						Amount	Percent
BIOLOGICAL SCIENCES (BIO)							
BIOLOGICAL INFRASTRUCTURE	\$167.01	-	\$167.01	-	\$221.28	\$54.27	32.5%
EMERGING FRONTIERS	109.51	9.18	118.69	-	185.52	76.01	69.4%
ENVIRONMENTAL BIOLOGY	178.78	-	178.78	-	186.15	7.37	4.1%
INTEGRATIVE ORGANISMAL SYSTEMS	206.89	-	206.89	-	214.81	7.92	3.8%
MOLECULAR & CELLULAR BIOSCIENCES	155.55	-	155.55	-	162.47	6.92	4.5%
TOTAL, BIO	\$817.74	\$9.18	\$826.92	-	\$970.23	\$152.49	18.6%
COMPUTER & INFORMATION SCIENCE & ENGINEERING (CISE)							
ADVANCED CYBERINFRASTRUCTURE	\$230.44	\$6.59	\$237.04	-	\$252.25	\$21.81	9.5%
COMPUTING & COMMUNICATION FOUNDATIONS	200.95	1.75	202.70	-	218.57	17.62	8.8%
COMPUTER & NETWORK SYSTEMS	238.02	4.87	242.90	-	266.06	28.04	11.8%
INFORMATION & INTELLIGENT SYSTEMS	217.78	1.75	219.53	-	248.16	30.38	14.0%
INFORMATION TECHNOLOGY RESEARCH	119.94	20.75	140.69	-	165.74	45.80	38.2%
TOTAL, CISE	\$1,007.13	\$35.72	\$1,042.85	-	\$1,150.78	\$143.65	14.3%
ENGINEERING (ENG)^{1,2}							
CHEMICAL, BIOENGINEERING, ENVIRONMENTAL, & TRANSPORT SYSTEMS	\$199.87	-	\$199.87	-	\$226.17	\$26.30	13.2%
CIVIL, MECHANICAL, & MANUFACTURING INNOVATION	241.58	3.00	244.58	-	265.86	24.28	10.1%
ELECTRICAL, COMMUNICATIONS, & CYBER SYSTEMS	124.00	-	124.00	-	137.20	13.20	10.6%
EMERGING FRONTIERS AND MULTIDISCIPLINARY	71.76	-	71.76	-	166.59	94.83	132.1%
ENGINEERING EDUCATION & CENTERS	127.23	-	127.23	-	144.46	17.23	13.5%
TOTAL, ENG	\$764.43	\$3.00	\$767.43	-	\$940.28	\$175.85	23.0%

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GEOSCIENCES (GEO)							
ATMOSPHERIC & GEOSPACE SCIENCES	\$283.35	\$17.29	\$300.64	-	\$301.37	\$18.02	6.4%
EARTH SCIENCES	201.65	16.74	218.39	-	206.36	4.71	2.3%
RESEARCH, INNOVATION, SYNERGIES and EDUCATION	116.27	15.00	131.27	-	299.54	183.27	157.6%
OCEAN SCIENCES	402.99	22.01	425.00	-	431.78	28.79	7.1%
TOTAL, GEO	\$1,004.27	\$71.04	\$1,075.30	-	\$1,239.05	\$234.78	23.4%
MATHEMATICAL & PHYSICAL SCIENCES (MPS)							
ASTRONOMICAL SCIENCES	\$289.27	-	\$289.27	-	\$294.05	\$4.78	1.7%
CHEMISTRY	259.60	-	259.60	-	284.14	24.54	9.5%
MATERIALS RESEARCH	330.07	-	330.07	-	349.92	19.85	6.0%
MATHEMATICAL SCIENCES	243.66	-	243.66	-	259.47	15.81	6.5%
PHYSICS	304.42	-	304.42	-	316.59	12.17	4.0%
MULTIDISCIPLINARY ACTIVITIES	166.29	20.33	186.62	-	242.68	76.38	45.9%
TOTAL, MPS	\$1,593.31	\$20.33	\$1,613.64	-	\$1,746.85	\$153.54	9.6%
SOCIAL, BEHAVIORAL & ECONOMIC SCIENCES (SBE)							
BEHAVIORAL AND COGNITIVE SCIENCES	\$99.42	\$7.63	\$107.05	-	\$113.14	\$13.72	13.8%
SOCIAL AND ECONOMIC SCIENCES	102.91	7.63	110.54	-	114.56	11.65	11.3%
MULTIDISCIPLINARY ACTIVITIES	24.32	2.90	27.22	-	27.62	3.30	13.6%
NATIONAL CENTER FOR SCIENCE & ENGINEERING	55.46	-	55.46	-	74.89	19.43	35.0%
TOTAL, SBE	\$282.11	\$18.16	\$300.27	-	\$330.21	\$48.10	17.0%

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TECHNOLOGY, INNOVATION & PARTNERSHIPS (TIP)²							
TRANSLATIONAL IMPACTS	\$294.11	\$17.87	\$311.98	-	\$419.00	\$124.89	42.5%
<i>[SBIR/STTR, including operations]</i>	<i>[232.28]</i>	<i>[17.87]</i>	<i>[232.28]</i>	-	<i>[283.06]</i>	<i>[34.83]</i>	<i>[17.0%]</i>
INNOVATION AND TECHNOLOGY ECOSYSTEMS	74.89	2.00	76.89	-	265.00	190.11	253.8%
TECHNOLOGY FRONTIERS	-	-	-	-	145.00	145.00	N/A
STRATEGIC PARTNERSHIPS OFFICE	-	-	-	-	50.87	50.87	N/A
TOTAL, TIP	\$369.01	\$19.87	\$388.88	-	\$879.87	\$510.86	138.4%
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING (OISE)							
OFFICE OF POLAR PROGRAMS (OPP)							
OFFICE OF POLAR PROGRAMS	\$484.04	\$14.52	\$498.56	-	\$547.10	\$63.06	13.0%
<i>[US Antarctic Logistical Support Activities]</i>	<i>[77.00]</i>	<i>[-]</i>	<i>[77.00]</i>	-	<i>[90.00]</i>	<i>[13.00]</i>	<i>[0.17%]</i>
Total, OPP	\$484.04	\$14.52	\$498.56	-	\$547.10	\$63.06	13.0%
INTEGRATIVE ACTIVITIES (IA)							
ESTABLISHED PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)	\$200.16	-	\$200.16	-	\$247.25	\$47.09	23.5%
INTEGRATIVE ACTIVITIES	186.25	2.28	188.53	-	298.61	112.36	60.3%
TOTAL, IA	\$386.42	\$2.28	\$388.70	-	\$545.86	\$159.44	41.3%
UNITED STATES ARCTIC RESEARCH COMMISSION	\$1.60	-	\$1.60	-	\$1.72	\$0.12	7.5%
TOTAL, RESEARCH AND RELATED ACTIVITIES	\$6,761.35	\$195.54	\$6,955.19	\$6,909.77	\$8,425.99	\$1,664.64	24.6%

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STEM EDUCATION (EDU)							
EQUITY FOR EXCELLENCE IN STEM (EES) ³	\$214.00	\$5.00	\$219.00	-	\$323.88	\$109.88	51.3%
GRADUATE EDUCATION ⁴	420.57	9.00	429.57	-	519.12	98.55	23.4%
RESEARCH ON LEARNING IN FORMAL AND INFORMAL SETTINGS	204.16	9.99	214.15	-	242.58	38.42	18.8%
UNDERGRADUATE EDUCATION	272.12	-	272.12	-	291.60	19.48	7.2%
TOTAL, STEM EDUCATION	\$1,110.85	\$23.99	\$1,134.85	\$968.00	\$1,377.18	\$266.33	24.0%
MAJOR RESEARCH EQUIPMENT & FACILITIES CONSTRUCTION	\$161.27	\$8.95	\$170.22	\$266.00	\$187.23	\$25.96	16.1%
AGENCY OPERATIONS AND AWARD MANAGEMENT	\$384.52	\$12.00	\$396.52	\$345.64	\$473.20	\$88.68	23.1%
OFFICE OF INSPECTOR GENERAL	\$17.61	-	\$17.61	\$17.85	\$23.39	\$5.78	32.8%
OFFICE OF THE NATIONAL SCIENCE BOARD	\$4.43	-	\$4.43	\$4.50	\$5.09	\$0.66	14.8%
TOTAL, NATIONAL SCIENCE FOUNDATION	\$8,440.03	\$240.48	\$8,678.81	\$8,511.76	\$10,492.08	\$2,052.05	24.3%

¹ The Division of Industrial Innovation and Partnerships (IIP) is being dissolved in FY 2022, with the bulk of its programs moving to the new Directorate for Technology, Innovation, and Partnerships (TIP) and the remainder to EEC. Funding above is presented in the new structure across all fiscal years for comparability.

² FY 2021 funding is adjusted for comparability to reflect the movement of activities to TIP in FY 2022.

³ Formerly this division was named the Division of Human Resource Development (HRD). NSF proposes to rename this division as shown.

⁴ The Graduate Research Fellowship Program is consolidated within the EDU, Division of Graduate Education in FY 2022, and is restated in prior years for comparability.