

NSF FY 2020 REQUEST FUNDING BY PROGRAM

(Dollars in Millions)

	FY 2018 Actual	FY 2019 Annualized CR ¹	FY 2019 Enacted ²	FY 2020 Request	Change Over FY 2018 Actual	
					Amount	Percent
BIOLOGICAL SCIENCES (BIO)						
BIOLOGICAL INFRASTRUCTURE	\$181.31	-	-	\$163.16	-\$18.15	-10.0%
EMERGING FRONTIERS	85.06	-	-	83.82	-1.24	-1.5%
ENVIRONMENTAL BIOLOGY	155.00	-	-	141.70	-13.30	-8.6%
INTEGRATIVE ORGANISMAL SYSTEMS	192.17	-	-	168.93	-23.24	-12.1%
MOLECULAR & CELLULAR BIOSCIENCES	143.05	-	-	125.75	-17.30	-12.1%
TOTAL, BIO	\$756.60	-	-	\$683.36	-\$73.24	-9.7%
COMPUTER & INFORMATION SCIENCE & ENGINEERING (CISE)						
ADVANCED CYBERINFRASTRUCTURE	\$224.24	-	-	\$199.02	-\$25.22	-11.2%
COMPUTING & COMMUNICATION FOUNDATIONS	195.63	-	-	172.93	-22.70	-11.6%
COMPUTER & NETWORK SYSTEMS	231.88	-	-	205.73	-26.15	-11.3%
INFORMATION & INTELLIGENT SYSTEMS	210.69	-	-	189.51	-21.18	-10.1%
INFORMATION TECHNOLOGY RESEARCH	98.36	-	-	115.85	17.49	17.8%
TOTAL, CISE	\$960.80	-	-	\$883.04	-\$77.76	-8.1%
ENGINEERING (ENG)						
CHEMICAL, BIOENGINEERING, ENVIRONMENTAL, & TRANSPORT SYSTEMS	\$187.19	-	-	\$169.43	-\$17.76	-9.5%
CIVIL, MECHANICAL, & MANUFACTURING INNOVATION	236.95	-	-	204.00	-32.95	-13.9%
ELECTRICAL, COMMUNICATIONS, & CYBER SYSTEMS	116.05	-	-	105.04	-11.01	-9.5%
INDUSTRIAL INNOVATION & PARTNERSHIPS [SBIR/STTR]	271.71 [209.98]	-	-	245.25 [195.15]	-26.46 [-14.83]	-9.7% [-7.1%]
ENGINEERING EDUCATION & CENTERS	116.71	-	-	92.60	-24.11	-20.7%
EMERGING FRONTIERS AND MULTIDISCIPLINARY ACTIVITIES	49.28	-	-	65.10	15.82	32.1%
TOTAL, ENG	\$977.90	-	-	\$881.42	-\$96.48	-9.9%
GEOSCIENCES (GEO)						
ATMOSPHERIC & GEOSPACE SCIENCES	\$276.10	-	-	\$221.97	-\$54.13	-19.6%
EARTH SCIENCES	179.69	-	-	156.97	-22.72	-12.6%
INTEGRATIVE & COLLABORATIVE EDUCATION AND RESEARCH	85.75	-	-	93.20	7.45	8.7%
OCEAN SCIENCES	366.26	-	-	314.91	-51.35	-14.0%
TOTAL, GEO	\$907.80	-	-	\$787.05	-\$120.75	-13.3%
MATHEMATICAL & PHYSICAL SCIENCES (MPS)						
ASTRONOMICAL SCIENCES	\$311.16	-	-	\$217.08	-\$94.08	-30.2%
CHEMISTRY	246.29	-	-	214.18	-32.11	-13.0%
MATERIALS RESEARCH	337.14	-	-	273.78	-63.36	-18.8%
MATHEMATICAL SCIENCES	237.69	-	-	203.26	-34.43	-14.5%
PHYSICS	310.75	-	-	247.50	-63.25	-20.4%
MULTIDISCIPLINARY ACTIVITIES	60.39	-	-	100.02	39.63	65.6%
TOTAL, MPS	\$1,503.41	-	-	\$1,255.82	-\$247.59	-16.5%

Technical Information

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SOCIAL, BEHAVIORAL & ECONOMIC SCIENCES (SBE)						
BEHAVIORAL AND COGNITIVE SCIENCES	\$86.60	-	-	\$78.97	-\$7.63	-8.8%
SOCIAL AND ECONOMIC SCIENCES	87.05	-	-	80.58	-6.47	-7.4%
MULTIDISCIPLINARY ACTIVITIES	23.57	-	-	21.73	-1.85	-7.8%
NATIONAL CENTER FOR SCIENCE & ENGINEERING STATISTICS	53.46	-	-	48.80	-4.66	-8.7%
TOTAL, SBE	\$250.69	-	-	\$230.08	-\$20.61	-8.2%
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING (OISE)						
TOTAL, OISE	\$48.98	-	-	\$46.24	-\$2.74	-5.6%
OFFICE OF POLAR PROGRAMS (OPP)						
OFFICE OF POLAR PROGRAMS	\$501.72	-	-	\$403.39	-\$98.33	-19.6%
<i>[US Antarctic Logistical Support Activities]</i>	<i>[71.13]</i>	-	-	<i>[71.00]</i>	<i>[-0.13]</i>	<i>[-0.2%]</i>
Total, OPP	\$501.72	-	-	\$403.39	-\$98.33	-19.6%
INTEGRATIVE ACTIVITIES (IA)						
ESTABLISHED PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)	\$170.59	-	-	\$151.23	-19.36	-11.3%
INTEGRATIVE ACTIVITIES	300.46	-	-	339.81	39.35	13.1%
TOTAL, IA	\$471.05	-	-	\$491.04	\$19.99	4.2%
UNITED STATES ARCTIC RESEARCH COMMISSION	\$1.43	-	-	\$1.52	\$0.09	6.3%
TOTAL, RESEARCH AND RELATED ACTIVITIES	\$6,380.38	\$6,334.48	\$6,520.00	\$5,662.96	-\$717.42	-11.2%
EDUCATION & HUMAN RESOURCES (EHR)						
GRADUATE EDUCATION	\$258.34	-	-	\$244.06	-\$14.28	-5.5%
HUMAN RESOURCE DEVELOPMENT	162.66	-	-	178.30	15.64	9.6%
RESEARCH ON LEARNING IN FORMAL AND INFORMAL SETTINGS	228.22	-	-	181.72	-46.50	-20.4%
UNDERGRADUATE EDUCATION	254.65	-	-	219.39	-35.26	-13.8%
TOTAL, EDUCATION & HUMAN RESOURCES	\$903.87	\$902.00	\$910.00	\$823.47	-\$80.40	-8.9%
MAJOR RESEARCH EQUIPMENT & FACILITIES CONSTRUCTION	\$186.30	\$182.80	\$295.74	\$223.23	\$36.93	19.8%
AGENCY OPERATIONS AND AWARD MANAGEMENT	\$328.51	\$328.51	\$329.54	\$336.89	\$8.38	2.6%
OFFICE OF THE INSPECTOR GENERAL	\$15.09	\$15.20	\$15.35	\$15.35	\$0.26	1.7%
NATIONAL SCIENCE BOARD	\$4.30	\$4.37	\$4.37	\$4.10	-\$0.20	-4.6%
TOTAL, NATIONAL SCIENCE FOUNDATION	\$7,818.43	\$7,767.36	\$8,075.00	\$7,066.00	-\$752.43	-9.6%

¹ Annualized CR amount shown to be consistent with figures presented with the President's budget, which was locked prior to the enactment of the FY 2019 Omnibus appropriation

² Funding amounts below the account level for the FY 2019 Enacted were not available at the time of printing.