

NSF FY 2017 REQUEST FUNDING BY PROGRAM

(Dollars in Millions)

PROGRAM	FY 2015 Actual	FY 2016 Estimate	FY 2017 Request (Discretionary)	FY 2017 Request (Mandatory) ¹	FY 2017 Request	FY 2017 Request Change Over FY 2016 Estimate	
						Amount	Percent
BIOLOGICAL SCIENCES (BIO)							
BIOLOGICAL INFRASTRUCTURE	\$144.14	\$144.68	\$135.74	-	\$135.74	-\$8.94	-6.2%
EMERGING FRONTIERS	98.22	105.61	112.65	44.79	157.44	51.83	49.1%
ENVIRONMENTAL BIOLOGY	143.76	144.03	145.17	-	145.17	1.14	0.8%
INTEGRATIVE ORGANISMAL SYSTEMS	215.12	214.32	215.40	-	215.40	1.08	0.5%
MOLECULAR & CELLULAR BIOSCIENCES	134.95	135.53	136.77	-	136.77	1.24	0.9%
TOTAL, BIO	\$736.19	\$744.17	\$745.73	\$44.79	\$790.52	\$46.35	6.2%
COMPUTER & INFORMATION SCIENCE & ENGINEERING (CISE)							
ADVANCED CYBERINFRASTRUCTURE	\$219.19	\$222.30	\$222.92	\$13.39	\$236.31	\$14.01	6.3%
COMPUTING & COMMUNICATION FOUNDATIONS	195.69	194.23	194.77	11.70	206.47	12.24	6.3%
COMPUTER & NETWORK SYSTEMS	231.45	231.10	231.74	13.92	245.66	14.56	6.3%
INFORMATION & INTELLIGENT SYSTEMS	194.58	194.90	195.46	11.74	207.20	12.30	6.3%
INFORMATION TECHNOLOGY RESEARCH	92.07	93.29	93.54	5.62	99.16	5.87	6.3%
TOTAL, CISE	\$932.98	\$935.82	\$938.43	\$56.37	\$994.80	\$58.98	6.3%
ENGINEERING (ENG)							
CHEMICAL, BIOENGINEERING, ENVIRONMENTAL, & TRANSPORT SYSTEMS	\$180.40	\$183.82	\$187.18	\$11.24	\$198.42	\$14.60	7.9%
CIVIL, MECHANICAL, & MANUFACTURING INNOVATION	225.55	216.39	220.67	13.25	233.92	17.53	8.1%
ELECTRICAL, COMMUNICATIONS, & CYBER SYSTEMS	118.97	113.95	115.80	6.97	122.77	8.82	7.7%
INDUSTRIAL INNOVATION & PARTNERSHIPS [SBIR/STTR]	227.26 [177.11]	239.93 [188.56]	254.17 [201.67]	14.73 [11.59]	268.90 [213.26]	28.97 [24.70]	12.1% [13.1%]
ENGINEERING EDUCATION & CENTERS	117.95	107.61	113.50	6.82	120.32	12.71	11.8%
EMERGING FRONTIERS AND MULTIDISCIPLINARY ACTIVITIES	53.41	54.49	55.09	3.31	58.40	3.91	7.2%
TOTAL, ENG	\$923.53	\$916.19	\$946.41	\$56.32	\$1,002.73	\$86.54	9.4%

Technical Information

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GEOSCIENCES (GEO)							
ATMOSPHERIC & GEOSPACE SCIENCES	\$252.18	\$253.67	\$253.67	\$14.25	\$267.92	\$14.25	5.6%
EARTH SCIENCES	178.31	179.39	179.39	12.29	191.68	12.29	6.9%
INTEGRATIVE & COLLABORATIVE EDUCATION AND RESEARCH	84.22	83.74	84.77	10.18	94.95	11.22	13.4%
OCEAN SCIENCES	361.31	359.89	359.89	19.53	379.42	19.53	5.4%
POLAR PROGRAMS <i>[US Antarctic Logistical Support Activities]</i>	443.02 <i>[67.52]</i>	441.85 <i>[67.52]</i>	441.84 <i>[67.52]</i>	23.02 <i>[-]</i>	464.86 <i>[67.52]</i>	23.01 <i>[-]</i>	5.2% <i>[-]</i>
TOTAL, GEO	\$1,319.04	\$1,318.54	\$1,319.56	\$79.27	\$1,398.83	\$80.30	6.1%
MATHEMATICAL & PHYSICAL SCIENCES (MPS)							
ASTRONOMICAL SCIENCES	\$245.23	\$246.73	\$247.73	\$14.88	\$262.61	\$15.88	6.4%
CHEMISTRY	246.29	246.31	247.31	14.85	262.16	15.85	6.4%
MATERIALS RESEARCH	337.62	310.03	311.03	18.68	329.71	19.68	6.3%
MATHEMATICAL SCIENCES	235.43	234.05	235.05	14.12	249.17	15.12	6.5%
PHYSICS	276.10	277.03	278.53	16.73	295.26	18.23	6.6%
MULTIDISCIPLINARY ACTIVITIES	35.65	35.00	35.41	2.13	37.54	2.54	7.3%
TOTAL, MPS	\$1,376.32	\$1,349.15	\$1,355.06	\$81.39	\$1,436.45	\$87.30	6.5%
SOCIAL, BEHAVIORAL & ECONOMIC SCIENCES (SBE)							
BEHAVIORAL AND COGNITIVE SCIENCES	\$97.03	\$95.06	\$95.06	\$7.02	\$102.08	\$7.02	7.4%
SOCIAL AND ECONOMIC SCIENCES	98.36	98.18	98.18	7.24	105.42	7.24	7.4%
MULTIDISCIPLINARY ACTIVITIES	29.86	28.20	27.41	2.10	29.51	1.31	4.6%
NATIONAL CENTER FOR SCIENCE & ENGINEERING STATISTICS	50.94	50.76	51.76	-	51.76	1.00	2.0%
TOTAL, SBE	\$276.19	\$272.20	\$272.41	\$16.36	\$288.77	\$16.57	6.1%
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING (OISE)	\$48.46	\$49.10	\$49.10	\$2.95	\$52.05	\$2.95	6.0%

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INTEGRATIVE ACTIVITIES (IA)							
EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCOR)	165.46	160.00	162.13	8.56	170.69	10.69	6.7%
INTEGRATIVE ACTIVITIES <i>[Major Research Instrumentation (MRI)]</i>	262.00 <i>[74.22]</i>	287.06 <i>[75.69]</i>	289.17 <i>[90.00]</i>	- <i>[-]</i>	289.17 <i>[90.00]</i>	2.11 <i>[14.31]</i>	0.7% <i>[18.9%]</i>
TOTAL, IA	\$427.46	\$447.06	\$451.30	\$8.56	\$459.86	\$12.80	2.9%
UNITED STATES ARCTIC RESEARCH COMMISSION	\$1.41	\$1.43	\$1.43	-	\$1.43	-	-
TOTAL, RESEARCH AND RELATED ACTIVITIES	\$6,041.57	\$6,033.65	\$6,079.43	\$346.01	\$6,425.44	\$391.79	6.5%
EDUCATION & HUMAN RESOURCES (EHR)							
GRADUATE EDUCATION	\$286.14	\$278.48	\$305.26	-	\$305.26	\$26.78	9.6%
HUMAN RESOURCE DEVELOPMENT	143.90	150.23	153.09	2.80	155.89	5.66	3.8%
RESEARCH ON LEARNING IN FORMAL AND INFORMAL SETTINGS	227.20	222.75	201.84	47.44	249.28	26.53	11.9%
UNDERGRADUATE EDUCATION	229.08	228.54	238.68	3.75	242.43	13.89	6.1%
TOTAL, EDUCATION & HUMAN RESOURCES	\$886.33	\$880.00	\$898.87	\$53.99	\$952.86	\$72.86	8.3%
MAJOR RESEARCH EQUIPMENT & FACILITIES CONSTRUCTION	\$144.76	\$200.31	\$193.12	-	\$193.12	-\$7.19	-3.6%
AGENCY OPERATIONS AND AWARD MANAGEMENT	\$306.56	\$330.00	\$373.02	-	\$373.02	\$43.02	13.0%
OFFICE OF THE INSPECTOR GENERAL	\$14.60	\$15.16	\$15.20	-	\$15.20	\$0.04	0.3%
NATIONAL SCIENCE BOARD	\$4.15	\$4.37	\$4.38	-	\$4.38	\$0.01	0.2%
TOTAL, NATIONAL SCIENCE FOUNDATION	\$7,397.97	\$7,463.49	\$7,564.02	\$400.00	\$7,964.02	\$500.53	6.7%

Totals may not add due to rounding.

¹ Includes only new mandatory funding. Excludes H-1B Nonimmigrant Petitioner mandatory funds.