

**NSF FY 2009 FUNDING BY PROGRAM**

(Dollars in Millions)

PROGRAM	FY 2007 Actual	FY 2008 Estimate	FY 2009 Request	Change Over	
				FY 2008 Estimate Amount	Percent
<b>BIOLOGICAL SCIENCES</b>					
MOLECULAR AND CELLULAR BIOSCIENCES	\$111.50	\$112.51	\$126.10	\$13.59	12.1%
INTEGRATIVE ORGANISMAL SYSTEMS	202.31	199.86	216.27	16.41	8.2%
ENVIRONMENTAL BIOLOGY	109.60	110.86	125.64	14.78	13.3%
BIOLOGICAL INFRASTRUCTURE	80.23	86.94	86.99	0.05	0.1%
<i>Research Resources</i>	48.22	55.61	55.66	0.05	0.1%
<i>Human Resources</i>	32.01	31.33	31.33	-	0.0%
EMERGING FRONTIERS	104.90	101.85	120.06	18.21	17.9%
<b>Total, BIO</b>	\$608.54	\$612.02	\$675.06	\$63.04	10.3%
<b>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</b>					
COMPUTING & COMMUNICATION FOUNDATIONS	\$122.76	\$143.45	\$180.01	\$36.56	25.5%
COMPUTER & NETWORK SYSTEMS	162.77	173.91	206.91	33.00	19.0%
INFORMATION & INTELLIGENT SYSTEMS	119.25	138.93	173.60	34.67	25.0%
INFORMATION TECHNOLOGY RESEARCH	121.89	78.24	78.24	0.00	0.0%
<b>Total, CISE</b>	\$526.68	\$534.53	\$638.76	\$104.23	19.5%
<b>ENGINEERING</b>					
CHEMICAL, BIOENGINEERING, ENVIRONMENTAL & TRANSPORT SYSTEMS	\$128.27	\$131.00	\$173.34	\$42.34	32.3%
CIVIL, MECHANICAL & MANUFACTURING INNOVATION	157.30	159.81	201.88	42.07	26.3%
ELECTRICAL, COMMUNICATIONS & CYBER SYSTEMS	83.24	83.50	94.36	10.86	13.0%
INDUSTRIAL INNOVATION & PARTNERSHIPS SBIR/STTR	120.78 [108.67]	121.67 [109.37]	140.90 [127.00]	19.23 [17.63]	15.8% [16.1%]
ENGINEERING EDUCATION & CENTERS	115.16	115.89	119.85	3.96	3.4%
EMERGING FRONTIERS IN RESEARCH & INNOVATION	25.25	25.00	29.00	4.00	16.0%
<b>Total, ENG</b>	\$629.99	\$636.87	\$759.33	\$122.46	19.2%

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<b>GEOSCIENCES</b>					
ATMOSPHERIC SCIENCES	\$227.44	\$229.30	\$260.58	\$31.28	13.6%
<i>Atmospheric Sciences Research Support</i>	<i>142.32</i>	<i>142.88</i>	<i>165.16</i>	<i>22.28</i>	<i>15.6%</i>
<i>National Center for Atmospheric Research</i>	<i>85.12</i>	<i>86.42</i>	<i>95.42</i>	<i>9.00</i>	<i>10.4%</i>
EARTH SCIENCES	152.83	156.08	177.73	21.65	13.9%
<i>Earth Sciences Project Support</i>	<i>117.66</i>	<i>120.90</i>	<i>139.57</i>	<i>18.67</i>	<i>15.4%</i>
<i>Instrumentation and Facilities</i>	<i>35.17</i>	<i>35.18</i>	<i>38.16</i>	<i>\$2.98</i>	<i>8.5%</i>
INNOVATIVE & COLLABORATIVE EDUCATION AND RESEARCH	56.82	56.82	56.82	-	-
OCEAN SCIENCES	308.76	310.46	353.54	43.08	13.9%
<i>Ocean Section</i>	<i>115.64</i>	<i>115.64</i>	<i>130.70</i>	<i>15.06</i>	<i>13.0%</i>
<i>Integrative Programs Section</i>	<i>112.54</i>	<i>112.54</i>	<i>128.54</i>	<i>16.00</i>	<i>14.2%</i>
<i>Marine Geosciences Section</i>	<i>80.58</i>	<i>82.28</i>	<i>94.30</i>	<i>12.02</i>	<i>14.6%</i>
<b>Total, GEO</b>	<b>\$745.85</b>	<b>\$752.66</b>	<b>\$848.67</b>	<b>\$96.01</b>	<b>12.8%</b>
<b>MATHEMATICAL AND PHYSICAL SCIENCES</b>					
ASTRONOMICAL SCIENCES	\$215.39	\$217.86	\$250.01	\$32.15	14.8%
CHEMISTRY	191.22	194.22	244.67	50.45	26.0%
MATERIALS RESEARCH	257.27	260.22	324.59	64.37	24.7%
MATHEMATICAL SCIENCES	205.74	211.79	245.70	33.91	16.0%
PHYSICS	248.47	250.52	297.70	47.18	18.8%
MULTIDISCIPLINARY ACTIVITIES	32.64	32.70	40.00	7.30	22.3%
<b>Total, MPS</b>	<b>\$1,150.73</b>	<b>\$1,167.31</b>	<b>\$1,402.67</b>	<b>\$235.36</b>	<b>20.2%</b>
<b>SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES</b>					
SOCIAL AND ECONOMIC SCIENCES	\$99.86	\$100.42	\$107.49	\$7.07	7.0%
BEHAVIORAL AND COGNITIVE SCIENCES	84.64	84.63	92.78	8.15	9.6%
SCIENCE RESOURCES STATISTICS	30.04	30.08	33.21	3.13	10.4%
<b>Total, SBE</b>	<b>\$214.54</b>	<b>\$215.13</b>	<b>\$233.48</b>	<b>\$18.35</b>	<b>8.5%</b>

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<b>OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING</b>	\$40.36	\$41.34	\$47.44	\$6.10	14.8%
<b>OFFICE OF CYBERINFRASTRUCTURE</b>	\$182.42	\$185.33	\$220.08	\$34.75	18.8%
<b>OFFICE OF POLAR PROGRAMS</b>					
ARCTIC SCIENCES	\$89.27	\$90.85	\$103.97	\$13.12	14.4%
ANTARCTIC SCIENCES	56.65	60.35	71.24	10.89	18.0%
ANTARCTIC INFRASTRUCTURE & LOGISTICS	233.76	228.36	255.02	26.66	11.7%
U.S. Antarctic Logistical Support Activities	[67.52]	[67.52]	[67.52]	-	-
POLAR ENVIROMENT, SAFETY & HEALTH	5.79	5.98	6.74	0.76	12.7%
USCG POLAR ICEBREAKING	52.96	57.00	54.00	-3.00	-5.3%
<b>Total, OPP</b>	\$438.43	\$442.54	\$490.97	\$48.43	10.9%
<b>INTEGRATIVE ACTIVITIES<sup>1</sup></b>					
EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)	[102.11]	[111.10]	[113.50]	[2.00]	[2.2%]
COMMUNICATING SCIENCE BROADLY	-	-	{4.00}	-	-
<b>U.S. ARCTIC RESEARCH COMMISSION</b>	\$1.45	\$1.47	\$1.53	\$0.06	4.1%
<b>Total, RESEARCH AND RELATED ACTIVITIES</b>	\$4,758.44	\$4,821.47	\$5,593.99	\$772.52	16.0%
<b>EDUCATION AND HUMAN RESOURCES</b>					
RESEARCH ON LEARNING IN FORMAL AND INFORMAL SETTINGS	\$208.99	\$214.00	\$226.50	\$12.50	5.8%
UNDERGRADUATE EDUCATION	204.96	211.05	219.83	8.78	4.2%
<i>Curriculum, Laboratory and Instructional Development</i> <sup>2</sup>	84.41	83.45	85.41	1.96	2.3%
<i>Workforce Development</i> <sup>2</sup>	74.60	79.10	83.42	4.32	5.5%
<i>Math and Science Partnership</i>	45.95	48.50	51.00	2.50	5.2%
GRADUATE EDUCATION	155.90	160.10	190.70	30.60	19.1%
HUMAN RESOURCE DEVELOPMENT	125.80	140.45	153.38	12.93	9.2%
<i>Undergraduate/Graduate Student Support</i>	76.36	83.35	86.85	3.50	4.2%
<i>Research &amp; Education Infrastructure</i>	34.11	40.35	47.28	6.93	17.2%
<i>Opportunities for Women and Persons with Disabilities</i>	15.33	16.75	19.25	2.50	14.9%
<b>Total, EHR<sup>3</sup></b>	\$695.65	\$725.60	\$790.41	\$64.81	8.9%

<sup>1</sup> In FY 2008 EPSCoR was transferred from the EHR activity to Integrative Activities and is shown here for all years for comparability.

<sup>2</sup> The Robert Noyce Teacher Scholarship program is included in the Workforce Development line. NSF proposes to move this program from the Curriculum, Laboratory and Instructional Development line as of FY 2008 in order to better align with the program's purpose.

<sup>3</sup> Excludes \$145.94 million in obligations in FY 2007 and an estimated \$100.0 million in FY 2008 and FY 2009 receipts from H-1B Nonimmigrant Petitioner Fees.

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<b>MAJOR RESEARCH EQUIPMENT AND FACILITIES CONSTRUCTION</b>	\$166.21	\$220.74	\$147.51	-\$73.23	-33.2%
<b>AGENCY OPERATIONS AND AWARD MANAGEMENT<sup>4</sup></b>	\$248.49	\$281.79	\$305.06	\$23.27	8.3%
<b>NATIONAL SCIENCE BOARD</b>	\$3.65	\$3.97	\$4.03	\$0.06	1.5%
<b>OFFICE OF INSPECTOR GENERAL</b>	\$11.92	\$11.43	\$13.10	\$1.67	14.6%
<b>NATIONAL SCIENCE FOUNDATION</b>	\$5,884.37	\$6,065.00	\$6,854.10	\$789.10	13.0%

Totals may not add due to rounding.

<sup>4</sup>The FY 2007 Actual includes a transfer of \$250,000 from the U.S. Department of State for processing an award to the U.S. Civilian Research and Development Foundation.