

Table II-7. NSF R&amp;D

**Table II-7.** R&D in the National Science Foundation  
(budget authority in millions of dollars) \*

	FY 2005 Actual	FY 2006 Estimate	FY 2007 Budget	Change FY 06-07 Amount Percent	
1. Research and Related Activities (R&RA)					
Mathematical and Physical Sciences (MPS)					
Astronomical Sciences	195	200	<b>215</b>	15	7.7%
Chemistry	179	181	<b>191</b>	10	5.7%
Materials Research	240	243	<b>257</b>	15	6.0%
Mathematical Sciences	200	199	<b>206</b>	6	3.2%
Physics	225	233	<b>249</b>	15	6.6%
Multidisciplinary Activities	30	30	<b>32</b>	3	9.2%
Total MPS	1,069	1,085	<b>1,150</b>	65	6.0%
Engineering (ENG)					
Chem, Bioeng, Env & Transport	112	123	<b>124</b>	2	1.3%
Civil, Mechanical & Manuf. Innov	141	147	<b>152</b>	5	3.7%
Electrical Commun & Cyber Sys	71	77	<b>81</b>	4	4.7%
Industrial Innovation Partnersh. - SBIR/ STTR	113	111	<b>120</b>	10	8.6%
Engineering Edu. & Centers	120	123	<b>126</b>	3	2.1%
Emerging Frontiers in Res. Innov	0	0	<b>25</b>	25	--
Total ENG	557	581	<b>629</b>	48	8.2%
Biological Sciences (BIO)					
Molecular and Cellular Bioscis	118	108	<b>111</b>	3	2.7%
Integrative Organismal Biology	103	100	<b>101</b>	0	0.3%
Environmental Biology	106	107	<b>110</b>	3	2.7%
Biological Infrastructure	81	82	<b>86</b>	4	5.0%
Emerging Frontiers	74	81	<b>99</b>	18	22.7%
Plant Genome Research	94	99	<b>101</b>	3	2.5%
Total BIO	577	577	<b>608</b>	31	5.4%
Geosciences (GEO)					
Atmospheric Sciences	215	216	<b>227</b>	11	5.0%
Earth Sciences	137	140	<b>152</b>	12	8.7%
Innov. & Collab. Edu. & Res.	54	58	<b>59</b>	0	0.3%
Ocean Sciences	291	288	<b>307</b>	19	6.5%
Total GEO	697	703	<b>745</b>	42	6.0%
Computer and Information Science and Engineering (CISE)					
Computing & Communic. Foun.	91	105	<b>123</b>	17	16.5%
Computer & Network Sys.	132	142	<b>163</b>	21	15.2%
Info. & Intelligent Sys.	92	104	<b>119</b>	16	15.1%

(continued)

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	FY 2005	FY 2006	FY 2007	Change FY 06-07	
	Actual	Estimate	Budget	Amount	Percent
Information Tech. Research	174	146	<b>122</b>	-24	-16.6%
Total CISE	490	496	<b>527</b>	30	6.1%
Office of Cyberinfrastructure 1/	123	127	<b>182</b>	55	43.5%
Social, Behavioral, and Economic Sciences (SBE)					
Social & Economic Scis.	92	93	<b>100</b>	7	7.3%
Behavioral & Cognitive Scis.	79	80	<b>84</b>	4	5.5%
Science Resources Statistics	26	27	<b>30</b>	3	10.1%
Total SBE	197	200	<b>214</b>	14	6.9%
Office of International Sci & Eng	43	35	<b>41</b>	6	17.6%
US Polar Programs					
Polar Research Programs 2/	278	323	<b>371</b>	48	14.8%
Antarctic Logistical Support	70	67	<b>68</b>	1	1.3%
Total Polar Programs	349	389	<b>438</b>	49	12.5%
Integrative Activities	131	137	<b>131</b>	-6	-4.2%
Arctic Research Commission 3/	1	1	<b>1</b>	0	23.9%
BA Adjustment *	-5	0	<b>0</b>	0	--
<b>Total R&amp;RA *</b>	4,230	4,331	<b>4,666</b>	334	7.7%
2. Major Research Equipment & Facilities Construction	174	191	<b>240</b>	50	26.0%
3. Education & Human Resources (EHR) 4/					
Research on Learning in Formal and Informal Settings 4/	239	215	<b>215</b>	0	-0.1%
EPSCoR 5/	93	99	<b>100</b>	1	1.3%
Undergraduate Education 4/	238	212	<b>197</b>	-15	-7.0%
Graduate Education	155	153	<b>161</b>	8	4.9%
Human Resource Develop. 4/	119	118	<b>144</b>	26	21.8%
BA Adjustment *	-2	0	<b>0</b>	0	--
Total EHR	841	797	<b>816</b>	20	2.5%

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	FY 2005	FY 2006	FY 2007	Change FY 06-07	
	Actual	Estimate	Budget	Amount	Percent
4. Salaries and Expenses	223	247	<b>282</b>	35	14.2%
5. National Science Board	4	4	<b>4</b>	0	-1.0%
6. Inspector General	10	11	<b>12</b>	1	4.4%
Total NSF Budget *	5,482	5,581	<b>6,020</b>	439	7.9%
<b>Deduct non-R&amp;D Activities:</b>					
<i>R&amp;RA non-R&amp;D</i>	-451	-488	<b>-528</b>	40	8.2%
<i>EHR non-R&amp;D</i>	-692	-657	<b>-672</b>	16	2.4%
<i>Salaries and Expenses</i>	-223	-247	<b>-282</b>	35	14.2%
<i>National Science Board</i>	-4	-4	<b>-4</b>	0	-1.0%
<i>Inspector General</i>	-10	-11	<b>-12</b>	1	4.4%
<b>Total NSF R&amp;D</b>	4,102	4,175	<b>4,523</b>	348	8.3%
Conduct of R&D	3,738	3,782	<b>4,049</b>	268	7.1%
R&D Facilities	364	393	<b>473</b>	80	20.5%

Source: NSF budget justification and Quantitative Data Tables.

\* - Directorate detailed figures are in obligations. BA adjustment converts obligations to budget authority.

1/ New organization in 2005. Transfer of some CISE activities to new office.

2/ FY 2006 and FY 2007 figures include transfer from Coast Guard of polar icebreaking responsibilities.

3/ Currently funded in Polar Programs. FY 2007 budget proposes separate line item.

4/ FY 2007 budget proposes to restructure E.H.R. accounts.

All years shown in proposed new structure for comparability.

5/ Experimental Program to Stimulate Competitive Research.

**REVISED February 8, 2006**

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

**Please see Chapter 7 for information on the NSF budget.**