

Table II-7. NSF R&D

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

	FY 2004 Actual	FY 2005 Estimate	FY 2006 Budget	Change FY 05-06	
				Amount	Percent
1. Research and Related Activities (R&RA)					
Mathematical and Physical Sciences (MPS)					
Astronomical Sciences	197	195	199	4	1.8%
Chemistry	185	179	181	2	1.1%
Materials Research	251	241	246	5	2.2%
Mathematical Sciences	200	200	200	0	0.0%
Physics	228	225	230	5	2.3%
Multidisciplinary Activities	31	29	30	1	1.7%
Total MPS	1,092	1,070	1,086	16	1.5%
Engineering (ENG)					
Bioengineering & Env. Sys.	51	48	51	2	5.1%
Chemical & Transport System	69	66	69	3	4.9%
Civil & Mechanical Systems	67	82	84	2	2.7%
Design and Manuf. Innovation	66	64	67	4	5.6%
Electrical & Commun. Sys.	75	72	74	3	3.8%
Engineering Edu. & Centers	134	127	130	3	2.1%
Office of Industrial Innovation	104	103	105	3	2.5%
Total ENG	566	561	581	19	3.5%
Biological Sciences (BIO)					
Molecular and Cellular Bioscis	121	118	110	-8	-7.1%
Integrative Organismal Biology	107	104	102	-2	-1.7%
Environmental Biology	108	106	107	1	1.1%
Biological Infrastructure	81	81	83	2	2.9%
Emerging Frontiers	80	74	86	12	16.0%
Plant Genome Research	89	94	94	0	0.0%
Total BIO	587	577	582	5	0.9%
Geosciences (GEO)					
Atmospheric Sciences	238	233	240	6	2.7%
Earth Sciences	152	149	154	5	3.4%
Ocean Sciences	323	312	315	3	1.1%
Total GEO	713	694	709	15	2.2%
Computer and Information Science and Engineering (CISE)					
Computing & Commun. Foun.	80	91	103	11	12.2%
Computer & Network Sys.	115	132	143	11	8.0%
Information & Intelligent Systems	80	93	105	12	13.1%

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	FY 2004	FY 2005	FY 2006	Change FY 05-06	
	Actual	Estimate	Budget	Amount	Percent
Shared Cyberinfrastructure	112	124	125	1	1.1%
Information Tech. Research	218	174	145	-28	-16.3%
Total CISE	605	614	621	7	1.1%
Social, Behavioral, and Economic Sciences (SBE)					
Social & Economic Scis.	86	92	93	1	0.9%
Behavioral & Cognitive Scis.	71	79	80	1	1.1%
Science Resources Statistics	26	26	26	0	0.8%
Total SBE	184	197	199	2	1.0%
Office of International Sci & Eng	41	34	35	1	2.3%
US Polar Programs					
Polar Research Programs 1/ Antarctic Logistical Support	274	277	319	43	15.4%
Antarctic Logistical Support	68	68	68	0	0.0%
Total Polar Programs	342	344	387	43	12.4%
Integrative Activities	164	130	135	5	3.8%
BA Adjustment *	-17	0	0	0	--
Total R&RA *	4,277	4,221	4,333	113	2.7%
2. Major Research Equipment & Facilities Construction	156	174	250	76	44.0%
3. Education & Human Resources (EHR)					
Math & Science Partnerships	139	79	60	-19	-24.4%
EPSCoR 2/	94	94	94	0	0.3%
Elemen., Secondary & Informal	206	182	141	-41	-22.6%
Undergraduate Education	163	154	135	-19	-12.1%
Graduate Education	155	155	155	0	0.2%
Human Resource Development	120	119	118	0	-0.1%
Res., Eval.. And Commun.	66	60	34	-26	-43.2%
BA Adjustment *	0	0	0	0	--
Total EHR	945	841	737	-104	-12.4%

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	FY 2004	FY 2005	FY 2006	Change FY 05-06	
	Actual	Estimate	Budget	Amount	Percent
4. Salaries and Expenses	220	223	269	46	20.5%
5. National Science Board	4	4	4	0	0.8%
6. Inspector General	10	10	12	1	14.7%
Total NSF Budget *	5,611	5,473	5,605	132	2.4%
Deduct non-R&D Activities:					
<i>R&RA non-R&D</i>	-462	-477	-529	52	10.8%
<i>EHR non-R&D</i>	-792	-701	-622	-79	-11.3%
<i>Salaries and Expenses</i>	-220	-223	-269	46	20.5%
<i>National Science Board</i>	-4	-4	-4	0	0.8%
<i>Inspector General</i>	-10	-10	-12	1	14.7%
Total NSF R&D	4,123	4,057	4,170	113	2.8%
Conduct of R&D	3,780	3,695	3,741	46	1.2%
R&D Facilities	343	362	429	67	18.5%

Source: NSF budget justification and Quantitative Data Tables.

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

1/ FY 2006 includes \$48 million proposed transfer from Coast Guard for icebreakers.

2/ Experimental Program to Stimulate Competitive Research.

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

Please see Chapter 7 for information on the NSF budget.