

**National Science Foundation
Tools by Investment Category
FY 2007 Budget Request to Congress**

(Dollars in Millions)

	FY 2005 Actual	FY 2006 Current Plan	FY 2007 Request	Change over FY 2006 Amount Percent	
Facilities^{1,2,3}	\$475.13	\$514.32	\$580.30	\$65.98	12.8%
Academic Research Fleet	83.20	84.60	97.70	13.10	15.5%
Regional Class Research Vessels	2.00	3.60	15.10	11.50	319.4%
RHOV Construction (R/V Alvin Replacement)	2.23	5.50	5.10	-0.40	-7.3%
R/V Langseth Construction (R/V Ewing Replacement)	8.00	2.50	-	-2.50	-100.0%
Other Academic Research Fleet	70.97	73.00	77.50	4.50	6.2%
Advanced Modular Incoherent Scatter Radar	10.50	8.00	-	-8.00	-100.0%
Cornell Electron Storage Ring	16.62	14.56	14.71	0.15	1.0%
Gemini	15.48	18.26	20.00	1.74	9.5%
Incorporated Research Institutions for Seismology	11.90	12.00	12.90	0.90	7.5%
Large Hadron Collider	10.51	13.36	18.00	4.64	34.7%
Laser Interferometer Gravitational Wave Observatory	32.00	31.68	33.00	1.32	4.2%
Major Research Equipment & Facilities Construction ^{1/}	165.60	209.83	284.97	75.14	35.8%
Nanofabrication (NNIN)	13.90	13.76	13.89	0.13	0.9%
National High Magnetic Field Laboratory	25.50	25.74	26.50	0.76	3.0%
National Superconducting Cyclotron Laboratory	17.50	17.32	17.60	0.28	1.6%
Network for Earthquake Engineering Simulation	17.94	20.31	21.27	0.96	4.7%
Integrated Ocean Drilling Pgm/Ocean Drilling Program	40.19	31.80	6.50	-25.30	-79.6%
Other Facilities ^{2/}	14.29	13.10	13.26	0.16	1.2%
Infrastructure & Instrumentation	\$464.04	\$479.40	\$565.30	\$85.90	17.9%
Major Research Instrumentation	89.26	88.39	90.00	1.61	1.8%
National STEM Digital Library	20.30	17.61	18.11	0.50	2.8%
Research Resources	213.31	244.97	265.16	20.19	8.2%
Science Resource Statistics	25.49	24.69	27.31	2.62	10.6%
Shared Cyberinfrastructure Tools	115.68	103.74	164.72	60.98	58.8%
Polar Tools, Facilities and Logistics^{3/}	\$278.16	\$306.95	\$345.56	\$38.61	12.6%
Antarctic Facilities and Operations	146.53	141.76	161.09	19.33	13.6%
Antarctic Logistics	70.26	66.66	67.52	0.86	1.3%
Arctic Logistics	35.06	35.20	44.90	9.70	27.6%
Icebreakers O&M Reprogramming	9.20	58.20	57.00	-1.20	-2.1%
Polar Environment, Safety & Health	0.25	5.13	5.92	0.79	15.4%
South Pole Station ^{1/}	16.86	-	9.13	9.13	N/A
Federally-funded R&D Centers	\$182.10	\$187.45	\$194.08	\$6.63	3.5%
National Astronomy & Ionosphere Center	12.42	12.16	12.16	-	-
National Center for Atmospheric Research	80.68	83.36	86.85	3.49	4.2%
National Optical Astronomy Observatories	37.94	36.91	40.05	3.14	8.5%
National Radio Astronomy Observatories	47.03	50.74	50.74	-	-
Science and Technology Policy Institute	4.03	4.28	4.28	-	-
Total, Tools Support	\$1,399.44	\$1,488.12	\$1,685.24	\$197.12	13.2%

Totals may not add due to rounding.

^{1/}All MREFC projects are included in Facilities, except South Pole Station. Funding levels for MREFC projects in this table include initial support for operations and maintenance funded through R&RA (and EHR) as well as construction, acquisition and commissioning costs funded through MREFC.

^{2/}Other Facilities includes support for other physics and materials research facilities.

^{3/}Polar Tools, Facilities and Logistics includes South Pole Station, an MREFC project, with funding as described above.