

**National Science Foundation
Research Infrastructure Summary
FY 2009 Budget Request to Congress**

(Dollars in Millions)

	FY 2007 Actual	FY 2008 Estimate	FY 2009 Request	Change over FY 2008 Estimate	
				Amount	Percent
Academic Research Fleet	\$87.95	\$70.66	\$83.96	\$13.30	18.8%
<i>Regional Class Research Vessels</i>	1.57	1.50	10.00	8.50	566.7%
<i>RHOV Construction (R/V Alvin Replacement)</i>	9.05	1.00	1.00	-	-
<i>R/V Langseth Construction (R/V Ewing Replacement)</i>	0.69	2.00	-	-2.00	-100.0%
<i>Ship Operations and Upgrades</i>	76.63	66.16	72.96	6.80	10.3%
Cornell Electron Storage Ring	14.71	13.71	8.50	-5.21	-38.0%
Gemini	20.00	20.00	22.00	2.00	10.0%
EarthScope: USArray, SAFOD, PBO ^{1/}	11.63	17.61	26.29	8.68	49.3%
Incorporated Research Institutions for Seismology	11.77	11.75	12.20	0.45	3.8%
Integrated Ocean Drilling Pgm/ODP/SODV ^{2/}	36.81	39.26	47.74	8.48	21.6%
Large Hadron Collider	18.00	18.00	18.00	-	-
Laser Interferometer Gravitational Wave Observatory	33.00	29.50	28.50	-1.00	-3.4%
Major Research Equipment & Facilities Construction ³	189.60	260.96	200.08	-60.88	-23.3%
Major Research Instrumentation	90.00	93.90	115.00	21.10	22.5%
National Astronomy & Ionosphere Center	10.46	12.15	11.40	-0.75	-6.2%
National Center for Atmospheric Research	85.12	87.54	95.87	8.33	9.5%
National High Magnetic Field Laboratory	26.55	26.50	31.50	5.00	18.9%
National Nanofabrication Infrastructure Network (NNIN)	13.32	13.50	13.50	-	-
National Optical Astronomy Observatories	39.28	38.55	41.83	3.28	8.5%
National Radio Astronomy Observatories	47.03	44.52	49.79	5.27	11.8%
National Science Distributed Learning	18.73	16.25	16.50	0.25	1.5%
National Superconducting Cyclotron Laboratory	18.50	18.50	20.50	2.00	10.8%
Network for Earthquake Engineering Simulation	20.74	22.17	23.02	0.85	3.8%
Polar Environment, Safety & Health	5.79	5.98	6.74	0.76	12.7%
Polar Facilities and Logistics ⁴	317.46	323.54	352.25	28.71	8.9%
Research Resources ⁵	239.93	246.57	271.38	24.81	10.1%
Science and Technology Policy Institute	4.32	2.24	3.04	0.80	35.7%
Science Resource Statistics	29.71	29.55	32.57	3.02	10.2%
Shared Cyberinfrastructure Tools	176.28	158.43	185.73	27.30	17.2%
Other Facilities ⁶	12.01	11.96	18.96	7.00	58.5%
RESEARCH INFRASTRUCTURE TOTAL	\$1,578.69	\$1,633.30	\$1,736.85	\$103.55	6.3%

Totals may not add due to rounding.

^{1/} EarthScope funding includes support provided through the R&RA account for operations and maintenance of the facility. Support provided through the MREFC account for the construction of the project, totaling \$25.93 million in FY 2007, is included in the MREFC projects line.

^{2/} Funding for Integrated Ocean Drilling Program (IODP) includes support for the continued phase-out of program and contract activities for the Ocean Drilling Program (ODP), predecessor to the IODP. ODP funding concludes in FY 2007, at a level of \$2.11 million. This line also includes support for the operations and maintenance of the Scientific Ocean Drilling Vessel (SODV); MREFC funding for the SODV, the final year of which was FY 2007, at \$42.83 million, is included on the MREFC projects line.

^{3/} Funding levels for MREFC projects in this table include support for concept and development associated with these projects, initial support for operations and maintenance (both provided through the R&RA account), and implementation support provided through the MREFC account.

^{4/} Polar Facilities and Logistics includes support for the operations and maintenance of the South Pole Station. Funds provided through the MREFC account for the South Pole Station Modernization (SPSM) project (\$6.19 million in FY 2007 and \$9.10 million in FY 2008) are included in the MREFC projects line.

^{5/} Funding for Research Resources includes support for the operation of the Advanced Modular Incoherent Scatter Radar (AMISR), which is approximately \$3 million per year.

^{6/} Other Facilities includes support for other physics and materials research facilities, and other related costs.