

# NATIONAL SCIENCE FOUNDATION

## NATIONAL SCIENCE FOUNDATION

### Federal Funds

#### General and special funds:

##### RESEARCH AND RELATED ACTIVITIES

For necessary expenses in carrying out the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861–1875), and the Act to establish a National Medal of Science (42 U.S.C. 1880–1881); services as authorized by 5 U.S.C. 3109; maintenance and operation of aircraft and purchase of flight services for research support; acquisition of aircraft; **[\$4,254,593,000] \$4,333,500,000 to remain available until September 30, 2007, of which not to exceed [\$350,000,000] \$425,000,000 shall remain available until expended for Polar research and operations support, and for reimbursement to other Federal agencies for operational and science support and logistical and other related activities for the United States Antarctic program; the balance to remain available until September 30, 2006]: Provided, That from amounts specified for Polar research and operations support, the National Science Foundation shall reimburse the Coast Guard for such sums as mutually determined to be necessary for Coast Guard operations and maintenance of the U.S. polar icebreaking fleet: Provided further, That receipts for scientific support services and materials furnished by the National Research Centers and other National Science Foundation supported research facilities may be credited to this appropriation: Provided further, That to the extent that the amount appropriated is less than the total amount authorized to be appropriated for included program activities, all amounts, including floors and ceilings, specified in the authorizing Act for those program activities or their subactivities shall be reduced proportionally: Provided further, That \$95,000,000 of the funds available under this heading shall be made available for a comprehensive research initiative on plant genomes for economically significant crops: Provided further, That, not to exceed \$25,954,000 of these funds shall be for all costs, direct and indirect, associated with personnel assignments under the Intergovernmental Personnel Act]. (Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.)**

#### Program and Financing (in millions of dollars)

Identification code 49–0100–0–1–999	2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>			
Direct program:			
00.01 Biological sciences .....	587	577	582
00.02 Computer and information science and engineering .....	605	614	621
00.03 Engineering .....	566	561	581
00.05 Geosciences .....	713	694	709
00.06 Mathematical and physical sciences .....	1,092	1,070	1,086
00.07 Social, behavioral and economic sciences .....	184	197	199
00.08 Office of International Science and Engineering .....	41	34	34
00.09 U.S. polar research programs .....	274	282	319
00.10 U.S. Antarctic logistical support activities .....	68	68	68
00.11 Integrative activities .....	164	131	135
09.01 Reimbursable programs .....	102	120	120
10.00 Total new obligations .....	4,396	4,348	4,454
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	28	7	.....
22.00 New budget authority (gross) .....	4,365	4,341	4,454
22.10 Resources available from recoveries of prior year obligations .....	9	.....	.....
23.90 Total budgetary resources available for obligation .....	4,402	4,348	4,454
23.95 Total new obligations .....	–4,396	–4,348	–4,454
24.40 Unobligated balance carried forward, end of year .....	7	.....	.....
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	4,277	4,255	4,334
40.35 Appropriation permanently reduced .....	–25	–34	.....

42.00 Transferred from other accounts .....	11	.....	.....
43.00 Appropriation (total discretionary) .....	4,263	4,221	4,334
Spending authority from offsetting collections:			
Discretionary:			
68.00 Offsetting collections (cash) .....	64	120	120
68.10 Change in uncollected customer payments from Federal sources (unexpired) .....	38	.....	.....
68.90 Spending authority from offsetting collections (total discretionary) .....	102	120	120
70.00 Total new budget authority (gross) .....	4,365	4,341	4,454
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	4,856	5,318	5,428
73.10 Total new obligations .....	4,396	4,348	4,454
73.20 Total outlays (gross) .....	–3,869	–4,238	–4,309
73.40 Adjustments in expired accounts (net) .....	–17	.....	.....
73.45 Recoveries of prior year obligations .....	–9	.....	.....
74.00 Change in uncollected customer payments from Federal sources (unexpired) .....	–38	.....	.....
74.40 Obligated balance, end of year .....	5,318	5,428	5,573
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new discretionary authority .....	1,136	1,245	1,276
86.93 Outlays from discretionary balances .....	2,733	2,993	3,033
87.00 Total outlays (gross) .....	3,869	4,238	4,309
<b>Offsets:</b>			
Against gross budget authority and outlays:			
88.00 Offsetting collections (cash) from: Federal sources	–64	–120	–120
Against gross budget authority only:			
88.95 Change in uncollected customer payments from Federal sources (unexpired) .....	–38	.....	.....
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	4,263	4,221	4,334
90.00 Outlays .....	3,806	4,118	4,189

The Research and Related Activities appropriation enables the United States to provide leadership and promote progress across the expanding frontiers of scientific and engineering research and education. This appropriation provides resources for NSF to achieve the following strategic outcomes: Ideas—enabling discovery across the frontier of science and engineering, connected to learning, innovation and service of society; People—development of a diverse, competitive and globally engaged U.S. workforce of scientists, engineers, technologists and well-prepared citizens; and Tools—providing broadly accessible, state-of-the-art science and engineering facilities, tools and other infrastructure that enable discovery, learning and innovation. Research activities will contribute to the achievement of these goals through development of intellectual capital, integration of research and education, and promotion of partnerships. This appropriation supports NSF’s active development of performance indicators.

The major research program activities of the Foundation are:

**Biological sciences.**—This activity promotes scientific progress in biology through support of research ranging from the study of molecules, through cells and organisms, to studies of ecosystems. This activity also supports a comprehensive research initiative on plant genomes, including research on economically significant crops.

**Computer and information science and engineering.**—Research is directed at “information technology” in the broadest sense of the term, ranging from fundamental theory to systems engineering.

General and special funds—Continued

RESEARCH AND RELATED ACTIVITIES—Continued

**Engineering.**—Research supported by this activity aims to increase U.S. engineering capability and strength, and focus that capability and strength on areas that are relevant to national problems and long-term needs. This activity also includes small business innovation research.

**Geosciences.**—This research advances knowledge of the properties and dynamics of the planet Earth.

**Mathematical and physical sciences.**—Research in this activity is directed at increasing understanding of natural laws and phenomena. It includes research in mathematical sciences, astronomy, physics, chemistry, and materials science.

**Social, behavioral, and economic sciences.**—This activity supports research in social, behavioral, and economic sciences and funds compilation and analysis of science resources data.

**Office of international science and engineering.**—This activity promotes an integrated strategy for international science and engineering which complements and enhances the Foundation's broader research and education goals and which facilitates international collaboration.

**U.S. polar research programs.**—This activity supports Arctic and Antarctic research and operational science support and other related activities for the United States polar research programs. This activity includes funding for the expenses of the Arctic Research Commission.

**U.S. Antarctic logistical support activities.**—This activity provides funding for reimbursing Federal agencies for logistical and other related activities for the United States Antarctic program.

**Integrative activities.**—This activity supports emerging cross-disciplinary research efforts and major research instrumentation. This activity also provides support for the Science and Technology Policy Institute.

Object Classification (in millions of dollars)

Identification code 49-0100-0-1-999	2004 actual	2005 est.	2006 est.
<b>Direct obligations:</b>			
21.0 Travel and transportation of persons .....	9	10	10
25.1 Advisory and assistance services .....	38	38	38
25.2 Other services .....	3	3	3
25.3 Other purchases of goods and services from Government accounts .....	13	13	13
25.4 Operation and maintenance of facilities .....	196	196	196
25.5 Research and development contracts .....	6	6	6
31.0 Equipment .....	1	1	1
41.0 Grants, subsidies, and contributions .....	4,027	3,961	4,067
99.0 Direct obligations .....	4,293	4,228	4,334
99.0 Reimbursable obligations .....	103	120	120
99.9 Total new obligations .....	4,396	4,348	4,454

Personnel Summary

Identification code 49-0100-0-1-999	2004 actual	2005 est.	2006 est.
<b>Direct:</b>			
1001 Total compensable workyears: Civilian full-time equivalent employment .....	4	4	4

MAJOR RESEARCH EQUIPMENT AND FACILITIES CONSTRUCTION

For necessary expenses for the acquisition, construction, commissioning, and upgrading of major research equipment, facilities, and other such capital assets pursuant to the National Science Foundation Act of 1950, as amended, including authorized travel, **[\$175,050,000]** \$250,000,000, to remain available until expended. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.*)

Program and Financing (in millions of dollars)

Identification code 49-0551-0-1-251	2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>			
00.01 Direct program activity .....	184	211	250
10.00 Total new obligations .....	184	211	250
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	66	37	.....
22.00 New budget authority (gross) .....	155	174	250
23.90 Total budgetary resources available for obligation .....	221	211	250
23.95 Total new obligations .....	-184	-211	-250
24.40 Unobligated balance carried forward, end of year .....	37	.....	.....
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	156	175	250
40.35 Appropriation permanently reduced .....	-1	-1	.....
43.00 Appropriation (total discretionary) .....	155	174	250
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	198	220	223
73.10 Total new obligations .....	184	211	250
73.20 Total outlays (gross) .....	-163	-208	-202
74.40 Obligated balance, end of year .....	220	223	271
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new discretionary authority .....	.....	26	38
86.93 Outlays from discretionary balances .....	163	182	164
87.00 Total outlays (gross) .....	163	208	202
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	155	174	250
90.00 Outlays .....	163	208	202

The Major Research Equipment and Facilities Construction (MREFC) activity supports the construction and procurement of unique national research platforms and major research equipment. Performance is measured against established construction schedules, costs and milestones.

Object Classification (in millions of dollars)

Identification code 49-0551-0-1-251	2004 actual	2005 est.	2006 est.
25.5 Research and development contracts .....	17	17	17
41.0 Grants, subsidies, and contributions .....	167	194	233
99.9 Total new obligations .....	184	211	250

SALARIES AND EXPENSES

For salaries and expenses necessary in carrying out the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-1875); services authorized by 5 U.S.C. 3109; hire of passenger motor vehicles; not to exceed \$9,000 for official reception and representation expenses; uniforms or allowances therefor, as authorized by 5 U.S.C. 5901-5902; rental of conference rooms in the District of Columbia; and reimbursement of the General Services Administration for security guard services; **[\$225,000,000]** \$269,000,000: *Provided*, That contracts may be entered into under "Salaries and expenses" in fiscal year **[2005]** 2006 for maintenance and operation of facilities, and for other services, to be provided during the next fiscal year. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.*)

Program and Financing (in millions of dollars)

Identification code 49-0180-0-1-251	2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>			
00.01 Administration and management .....	219	223	269
09.01 Reimbursable programs .....	5	10	10

10.00	Total new obligations .....	224	233	279
<b>Budgetary resources available for obligation:</b>				
22.00	New budget authority (gross) .....	223	233	279
23.95	Total new obligations .....	-224	-233	-279
<b>New budget authority (gross), detail:</b>				
Discretionary:				
40.00	Appropriation .....	220	225	269
40.35	Appropriation permanently reduced .....	-1	-2	
43.00	Appropriation (total discretionary) .....	219	223	269
Discretionary:				
68.00	Spending authority from offsetting collections: Offsetting collections (cash) .....	4	10	10
70.00	Total new budget authority (gross) .....	223	233	279
<b>Change in obligated balances:</b>				
72.40	Obligated balance, start of year .....	32	44	23
73.10	Total new obligations .....	224	233	279
73.20	Total outlays (gross) .....	-209	-254	-273
73.40	Adjustments in expired accounts (net) .....	-2		
74.40	Obligated balance, end of year .....	44	23	29
<b>Outlays (gross), detail:</b>				
86.90	Outlays from new discretionary authority .....	182	209	249
86.93	Outlays from discretionary balances .....	27	45	24
87.00	Total outlays (gross) .....	209	254	273
<b>Offsets:</b>				
Against gross budget authority and outlays:				
88.00	Offsetting collections (cash) from: Federal sources	-5	-10	-10
Against gross budget authority only:				
88.96	Portion of offsetting collections (cash) credited to expired accounts .....	1		
<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	219	223	269
90.00	Outlays .....	204	244	263

This account provides funds to administer and manage NSF programs and to advance NSF's strategic goal of Organizational Excellence: an agile innovative organization that fulfills its mission through leadership in state-of-the-art business practices. NSF continually develops and refines performance measures for development and monitoring of programs.

**Object Classification** (in millions of dollars)

Identification code 49-0180-0-1-251	2004 actual	2005 est.	2006 est.	
<b>Direct obligations:</b>				
Personnel compensation:				
11.1	Full-time permanent .....	99	107	115
11.3	Other than full-time permanent .....	9	9	10
11.5	Other personnel compensation .....	6	6	6
11.8	Special personal services payments .....	2	2	2
11.9	Total personnel compensation .....	116	124	133
12.1	Civilian personnel benefits .....	25	27	28
21.0	Travel and transportation of persons .....	5	7	9
23.1	Rental payments to GSA .....	19	20	22
23.3	Communications, utilities, and miscellaneous charges .....	2	1	1
25.1	Advisory and assistance services .....	9	5	9
25.2	Other services .....	7	8	9
25.3	Other purchases of goods and services from Government accounts .....	2	2	3
25.6	Medical care .....		1	1
25.7	Operation and maintenance of equipment .....	24	18	36
26.0	Supplies and materials .....	3	3	2
31.0	Equipment .....	7	7	16
99.0	Direct obligations .....	219	223	269
99.0	Reimbursable obligations .....	5	10	10
99.9	Total new obligations .....	224	233	279

**Personnel Summary**

Identification code 49-0180-0-1-251	2004 actual	2005 est.	2006 est.	
<b>Direct:</b>				
1001	Total compensable workyears: Civilian full-time equivalent employment .....	1,196	1,225	1,248

**OFFICE OF THE NATIONAL SCIENCE BOARD**

For necessary expenses (including payment of salaries, authorized travel, hire of passenger motor vehicles, the rental of conference rooms in the District of Columbia, and the employment of experts and consultants under section 3109 of title 5, United States Code) involved in carrying out section 4 of the National Science Foundation Act of 1950 (42 U.S.C. 1863) and Public Law 86-209 (42 U.S.C. 1880 et seq.), \$4,000,000: *Provided*, That not more than \$9,000 shall be available for official reception and representation expenses. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.*)

**Program and Financing** (in millions of dollars)

Identification code 49-0350-0-1-251	2004 actual	2005 est.	2006 est.	
<b>Obligations by program activity:</b>				
00.01	Direct program activity .....	2	4	4
10.00	Total new obligations .....	2	4	4
<b>Budgetary resources available for obligation:</b>				
22.00	New budget authority (gross) .....	4	4	4
23.95	Total new obligations .....	-2	-4	-4
23.98	Unobligated balance expiring or withdrawn .....	-2		
<b>New budget authority (gross), detail:</b>				
Discretionary:				
40.00	Appropriation .....	4	4	4
<b>Change in obligated balances:</b>				
72.40	Obligated balance, start of year .....	2	2	
73.10	Total new obligations .....	2	4	4
73.20	Total outlays (gross) .....	-2	-6	-4
74.40	Obligated balance, end of year .....	2		
<b>Outlays (gross), detail:</b>				
86.90	Outlays from new discretionary authority .....	2	4	4
86.93	Outlays from discretionary balances .....		2	
87.00	Total outlays (gross) .....	2	6	4
<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	4	4	4
90.00	Outlays .....	2	6	4

This appropriation provides policy-making and related responsibilities for NSF and provides guidance on significant national policy issues in science and engineering research and education, as required by law.

**Object Classification** (in millions of dollars)

Identification code 49-0350-0-1-251	2004 actual	2005 est.	2006 est.	
<b>Direct obligations:</b>				
11.1	Personnel compensation: Full-time permanent .....	1	1	1
25.1	Advisory and assistance services .....	1	2	2
99.0	Direct obligations .....	2	3	3
99.5	Below reporting threshold .....		1	1
99.9	Total new obligations .....	2	4	4

**Personnel Summary**

Identification code 49-0350-0-1-251	2004 actual	2005 est.	2006 est.	
<b>Direct:</b>				
1001	Total compensable workyears: Civilian full-time equivalent employment .....	10	12	13

**General and special funds—Continued**

**OFFICE OF THE INSPECTOR GENERAL**

For necessary expenses of the Office of Inspector General as authorized by the Inspector General Act of 1978, as amended, **[\$10,110,000]** \$11,500,000, to remain available until September 30, **[2006]** 2007. (Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.)

**Program and Financing** (in millions of dollars)

Identification code 49-0300-0-1-251	2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>			
00.01 Direct program activity .....	9	11	12
10.00 Total new obligations .....	9	11	12
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year	1	1	
22.00 New budget authority (gross) .....	10	10	12
23.90 Total budgetary resources available for obligation	11	11	12
23.95 Total new obligations .....	-9	-11	-12
24.40 Unobligated balance carried forward, end of year	1		
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	10	10	12
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	3	2	
73.10 Total new obligations .....	9	11	12
73.20 Total outlays (gross) .....	-10	-13	-11
74.40 Obligated balance, end of year .....	2		1
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new discretionary authority .....	7	9	10
86.93 Outlays from discretionary balances .....	3	4	1
87.00 Total outlays (gross) .....	10	13	11
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	10	10	12
90.00 Outlays .....	10	13	11

This appropriation provides agency-wide audit and investigative functions to identify and correct management and administrative deficiencies which create conditions for existing or potential instances of fraud, waste, and mismanagement consistent with the Inspector General Act of 1978, as amended (5 U.S.C. App. 3).

**Object Classification** (in millions of dollars)

Identification code 49-0300-0-1-251	2004 actual	2005 est.	2006 est.
11.1 Personnel compensation: Full-time permanent .....	6	6	6
12.1 Civilian personnel benefits .....	2	2	2
25.1 Advisory and assistance services .....	1	3	4
99.9 Total new obligations .....	9	11	12

**Personnel Summary**

Identification code 49-0300-0-1-251	2004 actual	2005 est.	2006 est.
Direct:			
1001 Total compensable workyears: Civilian full-time equivalent employment .....	62	60	61

**EDUCATION AND HUMAN RESOURCES**

For necessary expenses in carrying out science and engineering education and human resources programs and activities pursuant to the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-1875), including services as authorized by 5 U.S.C. 3109, and rental of conference rooms in the District of Columbia,

**[\$848,207,000]** \$737,000,000, to remain available until September 30, **[2006: Provided]**, That to the extent that the amount of this appropriation is less than the total amount authorized to be appropriated for included program activities, all amounts, including floors and ceilings, specified in the authorizing Act for those program activities or their subactivities shall be reduced proportionally: *Provided further*, That not to exceed \$5,500,000 of these funds shall be for all costs, direct and indirect, associated with personnel assignments under the Intergovernmental Personnel Act] 2007. (Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 2005.)

**Program and Financing** (in millions of dollars)

Identification code 49-0106-0-1-251	2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>			
00.01 EPSCoR .....	94	94	94
00.02 Elementary, secondary and informal education .....	206	182	141
00.03 Undergraduate education .....	163	154	135
00.04 Graduate education .....	155	155	155
00.05 Human resource development .....	120	119	118
00.06 Research, evaluation and communication .....	67	60	34
00.07 Math and science partnership .....	139	79	60
00.91 Subtotal appropriated activities .....	944	843	737
01.01 Low Income Scholarship Program .....	34	76	75
01.02 Private-public partnerships in K-12 .....	23	53	25
01.91 Subtotal H-1B non-immigrant petitioner fee activities .....	57	129	100
02.00 Total direct obligations .....	1,001	972	837
09.01 Reimbursable programs .....	5	10	10
10.00 Total new obligations .....	1,006	982	847
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year	89	31	
22.00 New budget authority (gross) .....	944	951	847
22.10 Resources available from recoveries of prior year obligations .....	3		
23.90 Total budgetary resources available for obligation	1,036	982	847
23.95 Total new obligations .....	-1,006	-982	-847
24.40 Unobligated balance carried forward, end of year	31		
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	945	848	737
40.35 Appropriation permanently reduced .....	-6	-7	
43.00 Appropriation (total discretionary) .....	939	841	737
Mandatory:			
60.20 Appropriation (special fund) .....	1	100	100
Spending authority from offsetting collections:			
Discretionary:			
68.00 Offsetting collections (cash) .....	3	10	10
68.10 Change in uncollected customer payments from Federal sources (unexpired) .....	1		
68.90 Spending authority from offsetting collections (total discretionary) .....	4	10	10
70.00 Total new budget authority (gross) .....	944	951	847
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	1,661	1,768	1,736
73.10 Total new obligations .....	1,006	982	847
73.20 Total outlays (gross) .....	-885	-1,014	-982
73.40 Adjustments in expired accounts (net) .....	-9		
73.45 Recoveries of prior year obligations .....	-3		
74.00 Change in uncollected customer payments from Federal sources (unexpired) .....	-1		
74.40 Obligated balance, end of year .....	1,768	1,736	1,601
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new discretionary authority .....	111	103	91
86.93 Outlays from discretionary balances .....	736	810	790
86.97 Outlays from new mandatory authority .....		11	11
86.98 Outlays from mandatory balances .....	38	90	90
87.00 Total outlays (gross) .....	885	1,014	982

<b>Offsets:</b>				
Against gross budget authority and outlays:				
88.00	Offsetting collections (cash) from: Federal sources	-3	-10	-10
Against gross budget authority only:				
88.95	Change in uncollected customer payments from Federal sources (unexpired)	-1		
<b>Net budget authority and outlays:</b>				
89.00	Budget authority	940	941	837
90.00	Outlays	882	1,004	972

Education and human resources (EHR) activities provide a comprehensive set of programs that further NSF's goal of ensuring a diverse, competitive, and globally-engaged U.S. workforce of scientists, engineers, technologists and well-prepared citizens. At the pre-kindergarten through grade 12 (pre K-12) level, EHR catalyzes reform of science, technology, engineering and mathematics (STEM) education through the development of public-private partnerships. Its pre K-12 programs provide new instructional materials and pedagogical techniques that incorporate the latest advances in teaching, learning, and educational technologies. It also supports training activities for pre-service and in-service STEM teachers. Undergraduate programs improve curricula, strengthen laboratory course offerings, enhance faculty, and lead reform efforts in STEM disciplines. Programs for advanced technological education strengthen education for students preparing to enter the high-technology workforce. Graduate level support is directed primarily to fellowships and traineeships to sustain the U.S. world leadership in science and technology. All EHR programming focuses on broadening participation of groups underrepresented in STEM fields including activities focused on the improvement of infrastructure and academic programs at minority-serving institutions. The Experimental Program to Stimulate Competitive Research (EPSCoR) broadens participation of States and regions in science and engineering by helping institutions expand their research capacity and competitiveness. EHR supports research that advances STEM education, as well as development and effective implementation of learning technologies. Evaluation and communications activities ensure accountability by developing indicators that measure program impact and inform the education community of best practices and relevant information. Also included within EHR are funds resulting from the collection and use of H-1B non-immigrant fees, for undergraduate and graduate scholarships in computer science or other technology and science programs and private-public partnerships in K-12 for STEM education. This appropriation also supports NSF's active development of performance indicators.

<b>Object Classification</b> (in millions of dollars)				
Identification code 49-0106-0-1-251				
Direct obligations:				
21.0	Travel and transportation of persons	2	4	4
25.1	Advisory and assistance services	4	19	19
41.0	Grants, subsidies, and contributions	995	949	814
99.0	Direct obligations	1,001	972	837
99.0	Reimbursable obligations	5	10	10
99.9	Total new obligations	1,006	982	847

**Trust Funds**

**DONATIONS**

**Unavailable Receipts** (in millions of dollars)

Identification code 49-8960-0-7-251				
		2004 actual	2005 est.	2006 est.
Receipts:				
02.00	Donations, National Science Foundation	24	25	25
Appropriations:				
05.00	Donations	-24	-25	-25
07.99	Balance, end of year			

**Program and Financing** (in millions of dollars)

Identification code 49-8960-0-7-251				
		2004 actual	2005 est.	2006 est.
<b>Obligations by program activity:</b>				
00.01	Ocean drilling programs	2	11	9
00.02	Gemini telescope	23	26	15
00.03	NATO - fellowships	1	1	1
00.04	ALMA Construction	4		
10.00	Total new obligations	30	38	25
<b>Budgetary resources available for obligation:</b>				
21.40	Unobligated balance carried forward, start of year	19	13	
22.00	New budget authority (gross)	24	25	25
23.90	Total budgetary resources available for obligation	43	38	25
23.95	Total new obligations	-30	-38	-25
24.40	Unobligated balance carried forward, end of year	13		
<b>New budget authority (gross), detail:</b>				
Mandatory:				
60.26	Appropriation (trust fund)	24	25	25
<b>Change in obligated balances:</b>				
72.40	Obligated balance, start of year	32	10	
73.10	Total new obligations	30	38	25
73.20	Total outlays (gross)	-52	-48	-25
74.40	Obligated balance, end of year	10		
<b>Outlays (gross), detail:</b>				
86.97	Outlays from new mandatory authority	24	25	25
86.98	Outlays from mandatory balances	28	23	
87.00	Total outlays (gross)	52	48	25
<b>Net budget authority and outlays:</b>				
89.00	Budget authority	24	25	25
90.00	Outlays	52	48	25

This account consists of contributions from foreign governments, organizations and individuals to fund various cooperative efforts in science, research and education. These efforts include major international projects, such as operation of the GEMINI telescope, and the NSF Ocean drilling program. Other smaller activities supported include cooperative research, joint seminars, exchange of senior scientists, short-term research development visits, international conferences, and support for certain special functions of NSF and the National Science Board. These funds are not otherwise available.

**Object Classification** (in millions of dollars)

Identification code 49-8960-0-7-251				
		2004 actual	2005 est.	2006 est.
25.4	Operation and maintenance of facilities	4	9	9
41.0	Grants, subsidies, and contributions	26	29	16
99.9	Total new obligations	30	38	25