

NATIONAL SCIENCE FOUNDATION

Federal 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; and authorized travel; **[\$5,183,100,000] \$5,733,240,000**, to remain available until September 30, **[2010] 2011**, of which not to exceed **[\$540,000,000] \$570,000,000** 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: *Provided*, That from funds specified in the fiscal year **[2009] 2010** budget request for icebreaking services, up to \$54,000,000 shall be available for the procurement of polar icebreaking services: *Provided further*, That the National Science Foundation shall only reimburse the Coast Guard for such sums as are agreed to according to the existing memorandum of agreement: *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 not less than \$133,000,000 shall be available for activities authorized by section 7002(b)(2)(A)(iv) of Public Law 110-69]. (*Science Appropriations Act, 2009.*)

Program and Financing (in millions of dollars)

Identification code 49-0100-0-1-999	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Biological sciences	613	914	733
00.02 Computer and information science and engineering	535	809	633
00.03 Engineering	640	949	765
00.04 EPSCoR	120	147	147
00.05 Geosciences	758	1,154	909
00.06 Mathematical and physical sciences	1,171	1,746	1,380
00.07 Social, behavioral and economic sciences	215	315	257
00.08 Office of International Science and Engineering	48	58	49
00.09 U.S. polar research programs	380	578	448
00.10 U.S. Antarctic logistical support activities	68	67	68
00.11 Integrative activities	119	666	123
00.12 Office of Cyberinfrastructure	185	279	219
00.13 Arctic Research Commission	2	2	2
09.01 Reimbursable programs	88	120	120
10.00 Total new obligations	4,942	7,804	5,853
Budgetary resources available for obligation:			
21.40 Unobligated balance carried forward, start of year	23	1	.....
22.00 New budget authority (gross)	4,913	7,803	5,853
22.10 Resources available from recoveries of prior year obligations ...	7	.....	.....
23.90 Total budgetary resources available for obligation	4,943	7,804	5,853
23.95 Total new obligations	-4,942	-7,804	-5,853
24.40 Unobligated balance carried forward, end of year	1	.....	.....
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	4,844	5,183	5,733
40.01 Appropriation, Recovery Act .....	.....	2,500	.....
40.36 Unobligated balance permanently reduced	-17	.....	.....
41.00 Transferred to other accounts	-2	.....	.....
43.00 Appropriation (total discretionary)	4,825	7,683	5,733
Spending authority from offsetting collections:			
58.00 Offsetting collections (cash)	102	120	120
58.10 Change in uncollected customer payments from Federal sources (unexpired)	-14	.....	.....
58.90 Spending authority from offsetting collections (total discretionary)	88	120	120
70.00 Total new budget authority (gross)	4,913	7,803	5,853
Change in obligated balances:			
72.40 Obligated balance, start of year	6,142	6,536	9,045
73.10 Total new obligations	4,942	7,804	5,853

73.20 Total outlays (gross)	-4,553	-5,295	-6,674
73.40 Adjustments in expired accounts (net)	-28	.....	.....
73.45 Recoveries of prior year obligations	-7	.....	.....
74.00 Change in uncollected customer payments from Federal sources (unexpired)	14	.....	.....
74.10 Change in uncollected customer payments from Federal sources (expired)	26	.....	.....
74.40 Obligated balance, end of year	6,536	9,045	8,224
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority	823	1,655	1,654
86.93 Outlays from discretionary balances	3,730	3,640	5,020
87.00 Total outlays (gross)	4,553	5,295	6,674
Offsets:			
Against gross budget authority and outlays:			
88.00 Offsetting collections (cash) from: Federal sources	-128	-120	-120
Against gross budget authority only:			
88.95 Change in uncollected customer payments from Federal sources (unexpired)	14	.....	.....
88.96 Portion of offsetting collections (cash) credited to expired accounts	26	.....	.....
Net budget authority and outlays:			
89.00 Budget authority	4,825	7,683	5,733
90.00 Outlays	4,425	5,175	6,554

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 outcome goals: Discovery—fostering research that will advance the frontiers of knowledge, emphasizing areas of greatest opportunity and potential benefit and establishing the Nation as a global leader in fundamental and transformational science and engineering; Learning—cultivating a world-class, broadly inclusive science and engineering workforce and expanding the scientific literacy of all citizens; and Research Infrastructure—building the Nation's research capability through critical investments in advanced instrumentation, facilities, cyberinfrastructure, and experimental tools. Research activities will contribute to the achievement of these goals by advancing discovery, innovation, and education beyond the frontiers of current knowledge and empowering future generations in science and engineering.

The major research program activities of NSF are:

Biological Sciences.—This activity promotes scientific progress in biology through support of research on all levels, including molecules, cells, organisms, and 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 within and across the many sub-fields of computing, contributing to the education and training of computing professionals and informing the preparation of a U.S. workforce with computing competencies essential to success in an increasingly competitive, global market.

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 activity supports research and associated infrastructure to advance knowledge of the properties and dynamics of the planet on which we live. Research includes understanding the causes and implications of climate change, as well as disruptive processes such as earthquakes and storms.

RESEARCH AND RELATED ACTIVITIES—Continued

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, education, and infrastructure in the social, behavioral, cognitive, and economic sciences and funds the collection and dissemination of statistics on the science and engineering enterprise.

Office of International Science and Engineering.—This activity promotes an integrated strategy for international science and engineering which complements and enhances NSF'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 United States polar research programs.

U.S. Antarctic Logistical Support Activities.—This activity provides funding to reimburse Federal agencies for logistical and other related activities supported by 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. The Experimental Program to Stimulate Competitive Research broadens participation of States and regions in science and engineering by helping institutions expand their research capacity and competitiveness.

Office of Cyberinfrastructure.—This activity supports acquisitions, operations, and upgrades of cyberinfrastructure in support of the Nation's science and engineering research and education community.

The United States Arctic Research Commission promotes Arctic research and recommends national Arctic research policies to guide Federal agencies in developing and implementing their research programs in the Arctic region.

Object Classification (in millions of dollars)

Identification code 49-0100-0-1-999	2008 actual	2009 est.	2010 est.
Direct obligations:			
21.0 Travel and transportation of persons	16	16	16
25.1 Advisory and assistance services	51	50	50
25.2 Other services	2	2	2
25.3 Other purchases of goods and services from Government accounts	16	10	10
25.4 Operation and maintenance of facilities	369	369	369
25.5 Research and development contracts	6	6	6
31.0 Equipment	1	2	2
41.0 Grants, subsidies, and contributions	4,393	7,229	5,278
99.0 Direct obligations	4,854	7,684	5,733
99.0 Reimbursable obligations	88	120	120
99.9 Total new obligations	4,942	7,804	5,853

Employment Summary

Identification code 49-0100-0-1-999	2008 actual	2009 est.	2010 est.
Direct:			
1001 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 (42 U.S.C. 1861-1875), including authorized travel, **[\$152,010,000] \$117,290,000**, to remain available until expended. (*Science Appropriations Act, 2009.*)

Program and Financing (in millions of dollars)

Identification code 49-0551-0-1-251	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Direct program activity	167	619	117
10.00 Total new obligations	167	619	117
Budgetary resources available for obligation:			
21.40 Unobligated balance carried forward, start of year	28	67	.....
22.00 New budget authority (gross)	206	552	117
23.90 Total budgetary resources available for obligation	234	619	117
23.95 Total new obligations	-167	-619	-117
24.40 Unobligated balance carried forward, end of year	67	.....	.....
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	221	152	117
40.01 Appropriation, Recovery Act .....	.....	400	.....
40.36 Unobligated balance permanently reduced	-15	.....	.....
43.00 Appropriation (total discretionary)	206	552	117
Change in obligated balances:			
72.40 Obligated balance, start of year	222	177	631
73.10 Total new obligations	167	619	117
73.20 Total outlays (gross)	-212	-165	-248
74.40 Obligated balance, end of year	177	631	500
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority .....	.....	39	18
86.93 Outlays from discretionary balances	212	126	230
87.00 Total outlays (gross)	212	165	248
Net budget authority and outlays:			
89.00 Budget authority	206	552	117
90.00 Outlays	212	165	248

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

Object Classification (in millions of dollars)

Identification code 49-0551-0-1-251	2008 actual	2009 est.	2010 est.
Direct obligations:			
25.5 Research and development contracts	13	43	13
41.0 Grants, subsidies, and contributions	154	576	104
99.9 Total new obligations	167	619	117

AGENCY OPERATIONS AND AWARD MANAGEMENT

For agency operations and award management 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 Department of Homeland Security for security guard services; **[\$294,000,000] \$318,370,000**: *Provided*, That contracts may be entered into under this heading in fiscal year **[2009] 2010** for maintenance and operation of facilities, and for other services, to be provided during the next fiscal year. (*Science Appropriations Act, 2009.*)

Program and Financing (in millions of dollars)

Identification code 49-0180-0-1-251	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Administration and management	282	294	318
09.01 Reimbursable programs	5	10	10
10.00 Total new obligations	287	304	328
Budgetary resources available for obligation:			
22.00 New budget authority (gross)	287	304	328
23.95 Total new obligations	-287	-304	-328
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	282	294	318
58.00 Spending authority from offsetting collections: Offsetting collections (cash)	5	10	10
70.00 Total new budget authority (gross)	287	304	328
Change in obligated balances:			
72.40 Obligated balance, start of year	50	72	33
73.10 Total new obligations	287	304	328
73.20 Total outlays (gross)	-264	-343	-326
73.40 Adjustments in expired accounts (net)	-2		
74.10 Change in uncollected customer payments from Federal sources (expired)	1		
74.40 Obligated balance, end of year	72	33	35
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority	222	272	294
86.93 Outlays from discretionary balances	42	71	32
87.00 Total outlays (gross)	264	343	326
Offsets:			
Against gross budget authority and outlays:			
88.00 Offsetting collections (cash) from: Federal sources	-5	-10	-10
Net budget authority and outlays:			
89.00 Budget authority	282	294	318
90.00 Outlays	259	333	316

This account provides funds to administer and manage NSF programs and to advance NSF's strategic goal of Stewardship—supporting excellence in science and engineering research and education through a capable and responsive organization. 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	2008 actual	2009 est.	2010 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent	122	134	146
11.3 Other than full-time permanent	12	12	13
11.5 Other personnel compensation	7	7	8
11.8 Special personal services payments	1	2	2
11.9 Total personnel compensation	142	155	169
12.1 Civilian personnel benefits	33	37	39
21.0 Travel and transportation of persons	7	9	11
23.1 Rental payments	22	25	26
23.3 Communications, utilities, and miscellaneous charges	5	2	2
25.1 Advisory and assistance services	52	19	25
25.2 Other services	9	10	12
25.3 Other purchases of goods and services from Government accounts	3	4	4
25.7 Operation and maintenance of equipment		24	21
26.0 Supplies and materials	3	4	4
31.0 Equipment	4	5	5
41.0 Grants, subsidies, and contributions	2		
99.0 Direct obligations	282	294	318
99.0 Reimbursable obligations	5	10	10
99.9 Total new obligations	287	304	328

Employment Summary

Identification code 49-0180-0-1-251	2008 actual	2009 est.	2010 est.
Direct:			
1001 Civilian full-time equivalent employment	1,256	1,305	1,360

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, as amended (42 U.S.C. 1863) and Public Law 86-209 (42 U.S.C. 1880 et seq.), **[\$4,030,000] \$4,340,000: Provided.** That not to exceed \$2,500 shall be available for official reception and representation expenses. (*Science Appropriations Act, 2009.*)

Program and Financing (in millions of dollars)

Identification code 49-0350-0-1-251	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Direct program activity	4	4	4
10.00 Total new obligations	4	4	4
Budgetary resources available for obligation:			
22.00 New budget authority (gross)	4	4	4
23.95 Total new obligations	-4	-4	-4
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	4	4	4
Change in obligated balances:			
72.40 Obligated balance, start of year	2	3	1
73.10 Total new obligations	4	4	4
73.20 Total outlays (gross)	-3	-6	-4
74.40 Obligated balance, end of year	3	1	1
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority	3	4	4
86.93 Outlays from discretionary balances		2	
87.00 Total outlays (gross)	3	6	4
Net budget authority and outlays:			
89.00 Budget authority	4	4	4
90.00 Outlays	3	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	2008 actual	2009 est.	2010 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent	2	2	2
21.0 Travel and transportation of persons	1	1	1
25.1 Advisory and assistance services	1	1	1
99.9 Total new obligations	4	4	4

OFFICE OF THE NATIONAL SCIENCE BOARD—Continued
Employment Summary

Identification code 49-0350-0-1-251	2008 actual	2009 est.	2010 est.
Direct:			
1001 Civilian full-time equivalent employment	16	16	17

OFFICE OF INSPECTOR GENERAL

For necessary expenses of the Office of Inspector General as authorized by the Inspector General Act of 1978, as amended, **[\$12,000,000]** \$14,000,000. (Science Appropriations Act, 2009.)

Program and Financing (in millions of dollars)

Identification code 49-0300-0-1-251	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Direct program activity	12	14	14
10.00 Total new obligations	12	14	14
Budgetary resources available for obligation:			
21.40 Unobligated balance carried forward, start of year	1		
22.00 New budget authority (gross)	11	14	14
23.90 Total budgetary resources available for obligation	12	14	14
23.95 Total new obligations	-12	-14	-14
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	11	12	14
40.01 Appropriation, Recovery Act		2	
43.00 Appropriation (total discretionary)	11	14	14
Change in obligated balances:			
72.40 Obligated balance, start of year	4	3	4
73.10 Total new obligations	12	14	14
73.20 Total outlays (gross)	-13	-13	-15
74.40 Obligated balance, end of year	3	4	3
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority	10	10	12
86.93 Outlays from discretionary balances	3	3	3
87.00 Total outlays (gross)	13	13	15
Net budget authority and outlays:			
89.00 Budget authority	11	14	14
90.00 Outlays	13	13	15

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	2008 actual	2009 est.	2010 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent	7	8	8
12.1 Civilian personnel benefits	2	3	3
25.2 Other services	3	3	3
99.9 Total new obligations	12	14	14

Employment Summary

Identification code 49-0300-0-1-251	2008 actual	2009 est.	2010 est.
Direct:			
1001 Civilian full-time equivalent employment	67	64	67

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, authorized travel, and rental of conference rooms in the District of Columbia, **[\$845,260,000]** \$857,760,000, to remain available until September 30, **[2010: Provided further, That not less than \$55,000,000 shall be available until expended for activities authorized by section 7030 of Public Law 110-69] 2011.** (Science Appropriations Act, 2009.)

Program and Financing (in millions of dollars)

Identification code 49-0106-0-1-251	2008 actual	2009 est.	2010 est.
Obligations by program activity:			
00.01 Undergraduate education	254	368	290
00.02 Graduate education	160	196	181
00.03 Human resource development	140	154	157
00.04 Research on learning in formal and informal settings	212	227	230
00.91 Subtotal appropriated activities	766	945	858
01.01 Low income scholarship program	92	75	75
01.02 Private-public partnerships in K-12	29	25	25
01.91 Subtotal H-1B non-immigrant petitioner fee activities	121	100	100
02.00 Total direct obligations	887	1,045	958
09.01 Reimbursable programs	10	15	15
10.00 Total new obligations	897	1,060	973
Budgetary resources available for obligation:			
21.40 Unobligated balance carried forward, start of year	63	50	50
22.00 New budget authority (gross)	879	1,060	973
22.10 Resources available from recoveries of prior year obligations	5		
23.90 Total budgetary resources available for obligation	947	1,110	1,023
23.95 Total new obligations	-897	-1,060	-973
24.40 Unobligated balance carried forward, end of year	50	50	50
New budget authority (gross), detail:			
Discretionary:			
40.00 Appropriation	766	845	858
40.01 Appropriation, Recovery Act		100	
43.00 Appropriation (total discretionary)	766	945	858
Spending authority from offsetting collections:			
58.00 Offsetting collections (cash)	10	15	15
58.10 Change in uncollected customer payments from Federal sources (unexpired)	-1		
58.90 Spending authority from offsetting collections (total discretionary)	9	15	15
Mandatory:			
60.20 Appropriation (special fund)	104	100	100
70.00 Total new budget authority (gross)	879	1,060	973
Change in obligated balances:			
72.40 Obligated balance, start of year	1,663	1,636	1,747
73.10 Total new obligations	897	1,060	973
73.20 Total outlays (gross)	-913	-949	-998
73.40 Adjustments in expired accounts (net)	-11		
73.45 Recoveries of prior year obligations	-5		
74.00 Change in uncollected customer payments from Federal sources (unexpired)	1		
74.10 Change in uncollected customer payments from Federal sources (expired)	4		
74.40 Obligated balance, end of year	1,636	1,747	1,722
Outlays (gross), detail:			
86.90 Outlays from new discretionary authority	131	118	110

86.93	Outlays from discretionary balances	708	661	748
86.97	Outlays from new mandatory authority		11	11
86.98	Outlays from mandatory balances	74	159	129
87.00	Total outlays (gross)	913	949	998
Offsets:				
Against gross budget authority and outlays:				
88.00	Offsetting collections (cash) from: Federal sources	-13	-15	-15
Against gross budget authority only:				
88.95	Change in uncollected customer payments from Federal sources (unexpired)	1		
88.96	Portion of offsetting collections (cash) credited to expired accounts	3		
Net budget authority and outlays:				
89.00	Budget authority	870	1,045	958
90.00	Outlays	900	934	983

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. science, technology, engineering, and mathematics (STEM) workforce, as well as scientifically literate citizens. At the pre-kindergarten through grade 12 (pre-K-12) levels, EHR catalyzes reform of STEM education through the development of public-private partnerships. Its pre-K-12 programs provide new instructional materials for students and teachers that incorporate the latest advances in teaching, learning, and educational technologies; growth in the knowledge base; and teacher education opportunities that support the full continuum of STEM teacher education from pre-service and in-service, through life-long learning. 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. EHR supports education research that advances our knowledge of how people learn in the STEM disciplines; it also supports the development and effective implementation of learning technologies. Evaluation and communication activities ensure accountability by developing indicators that measure program impact and inform the education community of best practices and relevant information. EHR activities also include programs supported by H-1B non-immigrant visa fees. These programs provide undergraduate and graduate scholarships in STEM fields, support for private-public partnerships in K-12, and support for STEM education by providing research opportunities for STEM teachers and students in grades 7-12.

Object Classification (in millions of dollars)

Identification code 49-0106-0-1-251		2008 actual	2009 est.	2010 est.
Direct obligations:				
21.0	Travel and transportation of persons	3	4	3
25.1	Advisory and assistance services	27	32	29
41.0	Grants, subsidies, and contributions	857	1,009	926
99.0	Direct obligations	887	1,045	958
99.0	Reimbursable obligations	10	15	15
99.9	Total new obligations	897	1,060	973

Trust Funds

DONATIONS

Special and Trust Fund Receipts (in millions of dollars)

Identification code 49-8960-0-7-251		2008 actual	2009 est.	2010 est.
01.00	Balance, start of year	1	1	45
01.99	Balance, start of year	1	1	45
Receipts:				
02.00	Donations, National Science Foundation	62	69	25
04.00	Total: Balances and collections	63	70	70
Appropriations:				
05.00	Donations	-62	-25	-25
07.99	Balance, end of year	1	45	45

Program and Financing (in millions of dollars)

Identification code 49-8960-0-7-251		2008 actual	2009 est.	2010 est.
Obligations by program activity:				
00.01	Atacama Large Millimeter Array	23	27	10
00.02	Gemini telescope	26	42	15
10.00	Total new obligations	49	69	25
Budgetary resources available for obligation:				
21.40	Unobligated balance carried forward, start of year	31	44	
22.00	New budget authority (gross)	62	25	25
23.90	Total budgetary resources available for obligation	93	69	25
23.95	Total new obligations	-49	-69	-25
24.40	Unobligated balance carried forward, end of year	44		
New budget authority (gross), detail:				
Mandatory:				
60.26	Appropriation (trust fund)	62	25	25
Change in obligated balances:				
72.40	Obligated balance, start of year	24	37	43
73.10	Total new obligations	49	69	25
73.20	Total outlays (gross)	-36	-63	-25
74.40	Obligated balance, end of year	37	43	43
Outlays (gross), detail:				
86.97	Outlays from new mandatory authority		25	25
86.98	Outlays from mandatory balances	36	38	
87.00	Total outlays (gross)	36	63	25
Net budget authority and outlays:				
89.00	Budget authority	62	25	25
90.00	Outlays	36	63	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		2008 actual	2009 est.	2010 est.
Direct obligations:				
25.4	Operation and maintenance of facilities	6	9	9
41.0	Grants, subsidies, and contributions	43	60	16

DONATIONS—Continued
Object Classification —Continued

Identification code 49-8960-0-7-251	2008 actual	2009 est.	2010 est.
99.9 Total new obligations	49	69	25

GENERAL FUND RECEIPT ACCOUNT

(in millions of dollars)

	2008 actual	2009 est.	2010 est.
Offsetting receipts from the public:			
49-322000 All Other General Fund Proprietary Receipts Including			
Budget Clearing Accounts	1	2	2
General Fund Offsetting receipts from the public	1	2	2