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; and acquisition of aircraft; [and authorized travel; \$4,276,600,000] \$4,452,310,000, of which not to exceed [\$345,000,000] \$350,000,000 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, [2005] 2006: Provided, 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 \$90,000,000 of the funds available under this heading shall be made available for a comprehensive research initiative on plant genomes for economically significant crops]. (Division G, H.R. 2673, Consolidated Appropriations Bill, 2004.)

Program and Financing (in millions of dollars)

Identific	ation code 49-0100-0-1-999	2003 actual	2004 est.	2005 est.
0	bligations by program activity:			
	Direct program:			
00.01	Biological sciences	570	587	600
00.02	Computer and information science and engineering	589	605	618
00.02	Engineering	542	565	576
00.05	Geosciences	692	713	728
00.05	Mathematical and physical sciences	1,041	1,092	1,115
00.07	Social, behavioral and economic sciences	1,041	213	225
00.07	U.S. polar research programs	255	274	282
00.09	U.S. Antarctic logistical support activities	69	68	68
00.10	Integrative activities	98	162	240
09.01		99		
09.01	Reimbursable programs	99	100	100
10.00	Total new obligations	4,154	4,379	4,552
	udgetary resources available for obligation:			
21.40	Unobligated balance carried forward, start of year	3	28	
22.00	New budget authority (gross)	4,168	4,351	4,552
22.10	Resources available from recoveries of prior year obli-			
	gations	13		
23.90	Total budgetary resources available for obligation	4,184	4,379	4,552
23.95	Total new obligations	- 4.154	-4,379	-4.552
23.98	Unobligated balance expiring or withdrawn			
24.40	Unobligated balance carried forward, end of year			
N	ew budget authority (gross), detail:			
	Discretionary:			
40.00	Appropriation	4.083	4,276	4.452
40.35	Appropriation permanently reduced	- 27		.,,
42.00	Transferred from other accounts			
	Transferred from Cities accounts from the Cities and Ci			
43.00	Appropriation (total discretionary) Spending authority from offsetting collections:	4,069	4,251	4,452
	Discretionary:			
68.00		12	100	100
68.10	Offsetting collections (cash)	12	100	100
06.10	Change in uncollected customer payments from	0.7		
	Federal sources (unexpired)	8/		

68.90	Spending authority from offsetting collections (total discretionary)	99	100	100
70.00	Total new budget authority (gross)	4,168	4,351	4,552
C	hange in obligated balances:			
72.40	Obligated balance, start of year	4.441	4.856	5.264
73.10	Total new obligations	4.154	4,379	4.552
73.20	Total outlays (gross)		-3,971	
73.40	Adjustments in expired accounts (net)			
73.45	Recoveries of prior year obligations			
74.00	Change in uncollected customer payments from Fed-			
	eral sources (unexpired)	- 87		
74.40	Obligated balance, end of year	4,856	5,264	
86.90 86.93 87.00	utlays (gross), detail: Outlays from new discretionary authority Outlays from discretionary balances Total outlays (gross)	850 2,771 3,621	1,235 2,736 3,971	1,290 2,933 4,223
0	ffsets:			
88.00	Against gross budget authority and outlays: Federal sources	-12	-100	- 100
88.95	Change in uncollected customer payments from Federal sources (unexpired)	-87		
M	et budget authority and outlays:			
89.00	Budget authority and outlays:	4.069	4.251	4.452
90.00	Outlays	3,609	3,871	4,123
50.00	Outlays	3,003	3,071	4,123

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: Ideasenabling discovery across the frontier of science and engineering, connected to learning, innovation and service of society; People—development of a diverse, competitive and globallyengaged 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 sciences and engineering.—Research is directed at "information technology" in the broadest sense of the term, ranging from fundamental theory to systems engineering.

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.

General and special funds-Continued

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 in social, behavioral and economic sciences, facilitates international scientific cooperation, and funds science resources studies.

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)

ldentifi	cation code 49-0100-0-1-999	2003 actual	2004 est.	2005 est.
[Direct obligations:			
21.0	Travel and transportation of persons	9	9	10
25.1	Advisory and assistance services	34	34	34
25.2	Other services	2	2	2
25.3	Other purchases of goods and services from Govern-			
	ment accounts	16	16	16
25.4	Operation and maintenance of facilities	180	180	180
25.5	Research and development contracts	9	9	g
31.0	Equipment	1	1	1
41.0	Grants, subsidies, and contributions	3,804	4,028	4,200
99.0	Subtotal, obligations, Direct obligations	4,055	4,279	4,452
99.0	Subtotal, obligations, Reimbursable obligations	99	100	100
99.9	Total new obligations	4,154	4,379	4,552

Personnel Summary (in millions of dollars)

Identific	ation code 49-0100-0-1-999	2003 actual	2004 est.	2005 est.
_	irect:			
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, including authorized travel, [\$155,900,000] \$213,270,000, to remain available until expended. (Division G, H.R. 2673, Consolidated Appropriations Bill, 2004.)

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Identific	ation code 49-0551-0-1-251	2003 actual	2004 est.	2005 est.
00.01	bligations by program activity: Direct program activity	179	221	213
00.01	brook program doctvity			
10.00	Total new obligations	179	221	213
В	udgetary resources available for obligation:			
21.40	Unobligated balance carried forward, start of year	97	66	
22.00	New budget authority (gross)	149	155	213
23.90	Total budgetary resources available for obligation	246	221	213
23.95	Total new obligations	-179	-221	-213
24.40	Unobligated balance carried forward, end of year	66		

N	ew budget authority (gross), detail: Discretionary:			
40.00	Appropriation	150	156	213
40.35	Appropriation permanently reduced	-1		
43.00	Appropriation (total discretionary)	149	155	213
C	hange in obligated balances:			
72.40	Obligated balance, start of year	137	198	208
73.10	Total new obligations	179	221	213
73.20	Total outlays (gross)	-118	-211	-188
74.40	Obligated balance, end of year	198	208	233
0	utlays (gross), detail:			
86.90	Outlays from new discretionary authority	22	23	32
86.93	Outlays from discretionary balances	96	188	156
87.00	Total outlays (gross)	118	211	188
N	et budget authority and outlays:			
89.00	Budget authority	149	155	213
90.00	Outlays	118	211	188

The major research equipment and facilities construction 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)

Identi	fication code 49-0551-0-1-251	2003 actual	2004 est.	2005 est.
25.5 41.0	Direct obligations: Research and development contracts Grants, subsidies, and contributions	17 162	17 204	17 196
99.9	Total new obligations	179	221	213

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; [\$220,000,000] \$294,000,000: Provided, That contracts may be entered into under "Salaries and expenses" in fiscal year [2004] 2005 for maintenance and operation of facilities, and for other services, to be provided during the next fiscal year. (Division G, H.R. 2673, Consolidated Appropriations Bill, 2004.)

Program and Financing (in millions of dollars)

Identific	ation code 49–0180–0–1–251	2003 actual	2004 est.	2005 est.
0	bligations by program activity:			
00.01	Administration and management	189	219	294
09.01	Reimbursable programs	5	6	6
10.00	Total new obligations	194	225	300
В	sudgetary resources available for obligation:			
22.00	New budget authority (gross)	194	225	300
23.95	Total new obligations	-194	- 225	- 300
N	lew budget authority (gross), detail:			
	Discretionary:			
40.00	Appropriation	190	220	294
40.35	Appropriation permanently reduced			
43.00	Appropriation (total discretionary)	189	219	294
	Discretionary:			
68.00	Offsetting collections (cash)	5	6	6
70.00	Total new budget authority (gross)	194	225	300
	change in obligated balances:			
72.40	Obligated balance, start of year	24	32	25

73.10 73.20 73.40 74.40	Total new obligations		225 — 233 	
0	lutlays (gross), detail:			
86.90	Outlays from new discretionary authority	167	201	268
86.93	Outlays from discretionary balances	18	32	24
87.00	Total outlays (gross)	185	233	292
0	Iffsets:			
	Against gross budget authority and outlays:			
88.00	Federal sources	-5	-6	<u>-6</u>
N	let budget authority and outlays:			
89.00	Budget authority	189	219	294
90.00	Outlays	180	227	286

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)

Identifi	cation code 49-0180-0-1-251	2003 actual	2004 est.	2005 est.
[Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent	94	97	102
11.3	Other than full-time permanent	7	7	7
11.5	Other personnel compensation	4	4	5
11.8	Special personal services payments	1	1	1
11.9	Total personnel compensation	106	109	115
12.1	Civilian personnel benefits	23	30	31
21.0	Travel and transportation of persons	4	6	7
22.0	Transportation of things			1
23.1	Rental payments to GSA	17	18	19
23.3	Communications, utilities, and miscellaneous charges	2	3	3
25.1	Advisory and assistance services	6	7	23
25.2	Other services	5	8	13
25.3	Other purchases of goods and services from Govern-			
	ment accounts	2	2	2
25.6	Medical care			1
25.7	Operation and maintenance of equipment	9	10	43
26.0	Supplies and materials	3	3	3
31.0	Equipment	12	23	33
99.0	Subtotal, obligations, Direct obligations	189	219	294
99.0	Subtotal, obligations, Reimbursable obligations	5	6	6
99.9	Total new obligations	194	225	300

Personnel Summary (in millions of dollars)

Identific	cation code 49-0180-0-1-251	2003 actual	2004 est.	2005 est.
	Direct:			
1001	Civilian full-time equivalent employment	1,178	1,224	1,249

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 and Public Law 86–209, \$3,950,000: Provided, That not more than \$9,000 shall be available for official reception and representation expenses. (42 U.S.C 1863, 1880 et seq.)

Program and Financing (in millions of dollars)

Identification code 49-0350-0-1-251	2003 actual	2004 est.	2005 est.
Obligations by program activity: 00.01 Direct program activity	3	4	4

10.00	Total new obligations	3	4	4
В	udgetary resources available for obligation:			
22.00	New budget authority (gross)	4	4	4
23.95	Total new obligations	-3	-4	-4
23.98	Unobligated balance expiring or withdrawn	-1		
N	ew budget authority (gross), detail:			
	Discretionary:			
40.00	Appropriation	4	4	4
C	hange in obligated balances:			
72.40	Obligated balance, start of year		2	
73.10	Total new obligations	3	4	4
73.20	Total outlays (gross)	-1	-6	-4
74.40	Obligated balance, end of year	2		
0	utlays (gross), detail:			
86.90	Outlays from new discretionary authority	1	4	4
86.93	Outlays from discretionary balances		2	
87.00	Total outlays (gross)	1	6	4
N	et budget authority and outlays:			
89.00	Budget authority	4	4	4
90.00	Outlavs	1	6	4

This appropriation provides policy-making and oversight 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)

Identifi	cation code 49-0350-0-1-251	2003 actual	2004 est.	2005 est.
	Direct obligations:			
11.1	Full-time permanent	1	1	1
25.1	Advisory and assistance services	1	1	1
99.0	Subtotal, obligations, Direct obligations	2	2	2
99.5	Below reporting threshold	1	2	
99.9	Total new obligations	3	4	L
	Personnel Summary (in millions	of dollars)		
ldentifi	Personnel Summary (in millions cation code 49-0350-0-1-251	of dollars)	2004 est.	2005 est.
	•		2004 est.	2005 est.

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, [\$10,000,000] \$10,110,000, to remain available until September 30, [2005] 2006. (Division G, H.R. 2673, Consolidated Appropriations Bill, 2004.)

Program and Financing (in millions of dollars)

Identific	ation code 49-0300-0-1-251	2003 actual	2004 est.	2005 est.
00.01	Ibligations by program activity: Direct program activity	9	11	10
00.01	Direct program activity			
10.00	Total new obligations	9	11	10
В	sudgetary resources available for obligation:			
21.40	Unobligated balance carried forward, start of year		1	
22.00	New budget authority (gross)	9	10	10
23.90	Total budgetary resources available for obligation	9	11	
23.95	Total new obligations	-9	-11	
24.40	Unobligated balance carried forward, end of year	1		
N	lew budget authority (gross), detail:			
	Discretionary:			
40.00	Appropriation	9	10	10
C	change in obligated balances:			
72.40	Obligated balance, start of year	2	3	2

General and special funds-Continued

OFFICE OF THE INSPECTOR GENERAL—Continued

Program and Financing (in millions of dollars)—Continued

Identific	ation code 49-0300-0-1-251	2003 actual	2004 est.	2005 est.
73.10	Total new obligations	9	11	10
73.20	Total outlays (gross)	-8	-12	-10
74.40	Obligated balance, end of year	3	2	1
0	utlays (gross), detail:			
86.90	Outlays from new discretionary authority	6	9	9
86.93	Outlays from discretionary balances	2	3	1
87.00	Total outlays (gross)	8	12	10
N	et budget authority and outlays:			
89.00	Budget authority	9	10	10
90.00	Outlays	8	12	10

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)

Identific	cation code 49-0300-0-1-251	2003 actual	2004 est.	2005 est.
0	Direct obligations:			,
11.1	Full-time permanent	5	6	6
12.1	Civilian personnel benefits	2	2	2
25.1	Advisory and assistance services	1	2	2
99.0	Subtotal, obligations, Direct obligations	8	10	10
99.5	Below reporting threshold	1	1	
99.9	Total new obligations	9	11	10

Personnel Summary (in millions of dollars)

Identific	ation code 49-0300-0-1-251	2003 actual	2004 est.	2005 est.
1001	irect: Civilian full-time equivalent employment	55	60	60

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, [\$944,550,000] \$771,360,000, to remain available until September 30, [2005: 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 2006. (Division G, H.R. 2673, Consolidated Appropriations Bill, 2004.)

Program and Financing (in millions of dollars)

Identification	on code 49-0106-0-1-251	2003 actual	2004 est.	2005 est.
Obli	gations by program activity:			
0	bligations by progam activity::			
	Direct program::			
	Appropriated activities::			
00.01	EPSCoR	89	94	84
00.02	Elementary, secondary and informal education	216	206	173
00.03	Undergraduate education	179	162	159
00.04	Graduate education	140	156	174
00.05	Human resource development	99	121	108
00.06	Research, evaluation and communication	67	66	74
00.07	Math and science partnership	144	139	

772	944	934	Subtotal appropriated activities	00.91
			H-1B non-immigrant petitioner fee activities:: Computer science, engineering, and mathe-	01.01
	49 40	25 22	matics scholarships (CSEMS) Private-public partnerships in K-12	01.02
			Subtotal H—1B non-immigrant petitioner fee ac-	01.91
	89	47	tivities	01.51
772	1,033	981	Total direct obligations	02.00
10	10	5	Reimbursable programs	09.01
782	1,043	986	Total new obligations	10.00
			Budgetary resources available for obligation:	В
		93	Unobligated balance carried forward, start of year	21.40
782	949	973	New budget authority (gross)	22.00 22.10
	5	10	gations	
782	1,043	1,076	Total budgetary resources available for obligation	23.90
– 782	- 1,043	$-986 \\ -1$.	Total new obligations Unobligated balance expiring or withdrawn	23.95 23.98
			Unobligated balance carried forward, end of year	24.40
			lew budget authority (gross), detail: Discretionary:	N
772	945	909	Appropriation	40.00
	<u>-6</u>	<u>-6</u>	Appropriation permanently reduced	40.35
772	939	903	Appropriation (total discretionary)	43.00
		65 .	Appropriation (special fund)	60.20
10	10	1	Offsetting collections (cash)	68.00
		4 .	Change in uncollected customer payments from Federal sources (unexpired)	68.10
			Spending authority from offsetting collections	68.90
10	10	5	(total discretionary)	
782	949	973	Total new budget authority (gross)	70.00
			Change in obligated balances:	
1,709	1,661	1,499	Obligated balance, start of year	72.40
782 — 960	1,043 — 990	986 798	Total new obligations Total outlays (gross)	73.10 73.20
			Adjustments in expired accounts (net)	73.40
	-5	-10	Recoveries of prior year obligations	73.45
			Change in uncollected customer payments from Fed-	74.00
1,531	1,709	— 4 . 1,661	eral sources (unexpired) Obligated balance, end of year	74.40
			N. H	
95	114	118	Outlays (gross), detail: Outlays from new discretionary authority	86.90
804	767	645	Outlays from discretionary balances	86.93
61	109	35	Outlays from mandatory balances	86.98
960	990	798	Total outlays (gross)	87.00
			Offsets:	0
-10	-10	-1	Against gross budget authority and outlays: Federal sources	88.00
-10	- 10	-1	Against gross budget authority only:	00.00
		-4 .	Change in uncollected customer payments from Federal sources (unexpired)	88.95
			·	
772	939	968	let budget authority and outlays: Budget authority	89.00
950	980	797	Outlays	90.00

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, mathematics, and engineering and private-public partnerships in K-12 for STEM education. This appropriation also supports NSF's active development of performance indicators.

Object Classification (in millions of dollars)

Identifi	entification code 49-0106-0-1-251		2004 est.	2005 est.
	Direct obligations:			
21.0	Travel and transportation of persons	2	3	4
25.1	Advisory and assistance services	17	18	19
41.0	Grants, subsidies, and contributions	962	1,012	749
99.0	Subtotal, obligations, Direct obligations	981	1,033	772
99.0	Subtotal, obligations, Reimbursable obligations	5	10	10
99.9	Total new obligations	986	1,043	782

Trust Funds

DONATIONS

Unavailable Receipts (in millions of dollars)

Identification code 49–8960–0–7–251	2003 actual	2004 est.	2005 est.
Receipts: 02.00 Donations, National Science Foundation [49–896010–			
0-R-000000]	42	39	25
05.00 Donations [49–8960–0-P–6026]			
07.99 Balance, end of year			

Program and Financing (in millions of dollars)

Identific	ation code 49-8960-0-7-251	2003 actual	2004 est.	2005 est.
0	bligations by program activity:			
00.01	Ocean drilling programs	19	2	9
00.02	Gemini telescope	16	28	15
00.03	Taiwan rocket (NCAR)	8	3	
00.04	NATO - fellowships	1	2	1
00.05	ALMA Construction		4	
10.00	Total new obligations	44	39	25
В	udgetary resources available for obligation:			
21.40	Unobligated balance carried forward, start of year	21	19	19
22.00	New budget authority (gross)	42	39	25
23.90	Total budgetary resources available for obligation	63	58	44
23.95	Total new obligations	- 44	-39	-25
24.40	Unobligated balance carried forward, end of year	19	19	19
N	ew budget authority (gross), detail:			
60.26	Mandatory: Appropriation (trust fund)	42	39	25
	hange in obligated balances:			
72.40	Obligated balance, start of year	11	32	32
73.10	Total new obligations	44	39	25
73.20	Total outlays (gross)	- 23	- 39	- 25
74.40	Obligated balance, end of year	32	32	32
0	utlays (gross), detail:			
86.97	Outlays from new mandatory authority	23	39	25
N	et budget authority and outlays:			
89.00	Budget authority	42	39	25
90.00	Outlays	23	39	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)

Identif	dentification code 49–8960–0–7–251		2004 est.	2005 est.
	Direct obligations:			
25.4	Operation and maintenance of facilities	19	2	9
41.0	Grants, subsidies, and contributions	25	37	16
00.0	***			
99.9	Total new obligations	44	39	25