

# 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; [S2,545,700,000] \$2,846,800,000, of which not to exceed [S228,530,000] \$244,960,000, 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, [1999] 2000. 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 \$40,000,000 of the funds available under this heading shall be made available for a comprehensive research initiative on plant genomes for economically significant crops]. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 1998.*)

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

Identification code 49-0100-0-1-999	1997 actual	1998 est.	1999 est.
<b>Obligations by program activity:</b>			
Direct program:			
00.01 Biological sciences .....	324	371	418
00.02 Computer and information science and engineering .....	273	284	331
00.03 Engineering .....	349	358	401
00.05 Geosciences .....	444	455	507
00.06 Mathematical and physical sciences .....	693	716	792
00.07 Social, behavioral and economic sciences .....	123	131	150
00.09 U.S. Polar research program .....	162	166	182
00.10 U.S. Antarctic logistical support activities .....	63	63	63
00.11 Critical Technologies Institute .....	3	3	3
09.01 Reimbursable programs .....	77	123	100
10.00 Total obligations .....	2,511	2,670	2,947
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance available, start of year:			
Uninvested .....	2	2	
22.00 New budget authority (gross) .....	2,510	2,669	2,947
22.10 Resources available from recoveries of prior year obligations .....	3		
22.30 Unobligated balance expiring .....	-1		
23.90 Total budgetary resources available for obligation .....	2,514	2,671	2,947
23.95 New obligations .....	-2,511	-2,670	-2,947
24.40 Unobligated balance available, end of year:			
Uninvested .....	2		
<b>New budget authority (gross), detail:</b>			
Current:			
40.00 Appropriation .....	2,432	2,546	2,847
42.00 Transferred from other accounts .....	1		
43.00 Appropriation (total) .....	2,433	2,546	2,847
Permanent:			
Spending authority from offsetting collections:			
68.00 Offsetting collections (cash) .....	73	121	100
68.10 Change in orders on hand from Federal sources .....	4	2	

68.90	Spending authority from offsetting collections (total) .....	77	123	100
70.00	Total new budget authority (gross) .....	2,510	2,669	2,947
<b>Change in unpaid obligations:</b>				
Unpaid obligations, start of year:				
72.40	Obligated balance: Uninvested .....	2,259	2,522	2,817
72.95	Orders on hand from Federal sources .....	14	18	20
72.99	Total unpaid obligations, start of year .....	2,273	2,540	2,837
73.10	New obligations .....	2,511	2,670	2,947
73.20	Total outlays (gross) .....	-2,232	-2,373	-2,612
73.40	Adjustments in expired accounts .....	-11		
73.45	Adjustments in unexpired accounts .....	-3		
Unpaid obligations, end of year:				
74.40	Obligated balance: Uninvested .....	2,522	2,817	3,152
74.95	Orders on hand from Federal sources .....	18	20	20
74.99	Total unpaid obligations, end of year .....	2,540	2,837	3,172
<b>Outlays (gross), detail:</b>				
86.90	Outlays from new current authority .....	634	662	740
86.93	Outlays from current balances .....	1,525	1,590	1,772
86.97	Outlays from new permanent authority .....	59	103	80
86.98	Outlays from permanent balances .....	14	18	20
87.00	Total outlays (gross) .....	2,232	2,373	2,612
<b>Offsets:</b>				
Against gross budget authority and outlays:				
Offsetting collections (cash) from:				
88.00	Federal sources .....	-73	-98	-100
88.40	Non-Federal sources .....	-23		
88.90	Total, offsetting collections (cash) .....	-73	-121	-100
88.95	Change in orders on hand from Federal sources .....	-4	-2	
<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	2,433	2,546	2,847
90.00	Outlays .....	2,159	2,252	2,512

The research and related activities appropriation enables the United States to uphold world leadership in all aspects of science and engineering. This appropriation provides resources for NSF to achieve the following outcome goals: discoveries at and across the frontier of science and engineering; connections between discoveries and their use in service to society; and a diverse, globally-oriented workforce of scientists and engineers. Research activities will contribute to the achievement of these goals through expansion of the knowledge base; integration of research and education; stimulation of knowledge transfer among academia and the public and private sectors; and bringing the perspectives of many disciplines to bear on complex problems important to the nation. This appropriation supports NSF's active development of performance indicators that tie to the key program functions of Research Project Support, Research Facilities, and Education and Training.

Funding for all program activities in the Research and Related Activities Appropriation, except for U.S. Antarctic Logistical Support Activities, is proposed as part of the Research Fund for America. This proposal highlights the Administration's priority to providing needed and sustained investments in important Federal research programs on a deficit neutral basis. A discussion of the Research Fund for America, and two other funds for the environment and transportation, can be found in section II of the *Budget* volume.

The major research program activities of the Foundation are:

General and special funds—Continued

RESEARCH AND RELATED ACTIVITIES—Continued

**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 which 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, 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 necessary expenses for reimbursing Federal agencies for logistical and other related activities for the United States Antarctic logistical support activities.

**Critical Technologies Institute.**—This activity supports a federally-funded research and development center that provides analytical support to the Executive Branch.

Object Classification (in millions of dollars)			
Identification code 49-0100-0-1-999	1997 actual	1998 est.	1999 est.
Direct obligations:			
21.0 Travel and transportation of persons .....	4	4	4
25.1 Advisory and assistance services .....	5	5	5
25.2 Other services .....	16	17	17
25.3 Purchases of goods and services from Government accounts .....	2	2	2
25.4 Operation and maintenance of facilities .....	98	103	108
25.5 Research and development contracts .....	99	104	109
41.0 Grants, subsidies, and contributions .....	2,210	2,312	2,602
99.0 Subtotal, direct obligations .....	2,434	2,547	2,847
99.0 Reimbursable obligations .....	77	123	100
99.9 Total obligations .....	2,511	2,670	2,947

Personnel Summary			
Identification code 49-0100-0-1-999	1997 actual	1998 est.	1999 est.
1001 Total compensable workyears: Full-time equivalent employment .....	3	3	3

ACADEMIC RESEARCH INFRASTRUCTURE

Program and Financing (in millions of dollars)

Identification code 49-0150-0-1-251	1997 actual	1998 est.	1999 est.
<b>Obligations by program activity:</b>			
10.00 Total obligations (object class 41.0) .....	30		
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance available, start of year:			
Uninvested .....	30		
23.95 New obligations .....	-30		
<b>Change in unpaid obligations:</b>			
72.40 Unpaid obligations, start of year: Obligated balance:			
Uninvested .....	208	139	62
73.10 New obligations .....	30		
73.20 Total outlays (gross) .....	-98	-77	-42
73.40 Adjustments in expired accounts .....	-1		
74.40 Unpaid obligations, end of year: Obligated balance:			
Uninvested .....	139	62	20
<b>Outlays (gross), detail:</b>			
86.93 Outlays from current balances .....	98	77	42
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....			
90.00 Outlays .....	98	77	42

The academic research infrastructure facilities activity was terminated in FY 1997. A program to support the acquisition of major research instrumentation is funded through the Research and related activities appropriation beginning in FY 1997.

MAJOR RESEARCH EQUIPMENT

For necessary expenses of major construction projects pursuant to the National Science Foundation Act of 1950, as amended, **[\$109,000,000] \$94,000,000**, to remain available until expended[, of which \$35,000,000 shall become available on September 30, 1998]. For necessary expenses of the Large Hadron Collider, to become available on October 1 of the fiscal year specified and remain available until expended, as follows: for fiscal year 2000, \$15,900,000; for fiscal year 2001, \$16,370,000; for fiscal year 2002, \$16,860,000; and for fiscal year 2003, \$9,720,000. For necessary expenses of the redevelopment of the South Pole Station and associated costs, to become available on October 1 of the fiscal year specified and remain available until expended, as follows: for fiscal year 2000, \$22,400,000; and for fiscal year 2001, \$13,500,000. (Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 1998.)

Program and Financing (in millions of dollars)			
Identification code 49-0551-0-1-251	1997 actual	1998 est.	1999 est.
<b>Obligations by program activity:</b>			
10.00 Total obligations .....	76	113	94
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance available, start of year:			
Uninvested .....		4	
22.00 New budget authority (gross) .....	80	109	94
23.90 Total budgetary resources available for obligation	80	113	94
23.95 New obligations .....	-76	-113	-94
24.40 Unobligated balance available, end of year:			
Uninvested .....	4		
<b>New budget authority (gross), detail:</b>			
40.00 Appropriation .....	80	109	94
<b>Change in unpaid obligations:</b>			
72.40 Unpaid obligations, start of year: Obligated balance:			
Uninvested .....	166	109	146
73.10 New obligations .....	76	113	94
73.20 Total outlays (gross) .....	-133	-76	-89
74.40 Unpaid obligations, end of year: Obligated balance:			
Uninvested .....	109	146	151

<b>Outlays (gross), detail:</b>				
86.90	Outlays from new current authority .....	5	11	9
86.93	Outlays from current balances .....	128	65	80
87.00	<b>Total outlays (gross) .....</b>	<b>133</b>	<b>76</b>	<b>89</b>
<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	80	109	94
90.00	Outlays .....	133	76	89

Object Classification (in millions of dollars)				
Identification code 49-0551-0-1-251	1997 actual	1998 est.	1999 est.	
25.4	Operation and maintenance of facilities .....	21	78	42
41.0	Grants, subsidies, and contributions .....	55	35	52
99.9	<b>Total obligations .....</b>	<b>76</b>	<b>113</b>	<b>94</b>

The Major research equipment 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.

Funding for Major Research Equipment is proposed as part of the Research Fund for America. This proposal highlights the Administration's priority to providing needed and sustained investments in important Federal research programs on a deficit neutral basis. A discussion of the Research Fund for America, and two other funds for the environment and transportation, can be found in section II of the *Budget* volume.

**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; reimbursement of the General Services Administration for security guard services [and headquarters relocation; \$136,950,000]; \$144,000,000. *Provided*, That contracts may be entered into under "Salaries and expenses" in fiscal year [1998] 1999 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, 1998.*)

Program and Financing (in millions of dollars)				
Identification code 49-0180-0-1-251	1997 actual	1998 est.	1999 est.	
<b>Obligations by program activity:</b>				
00.01	Administration and management .....	134	137	144
09.01	Reimbursable programs .....	4	5	5
10.00	<b>Total obligations .....</b>	<b>138</b>	<b>142</b>	<b>149</b>
<b>Budgetary resources available for obligation:</b>				
22.00	New budget authority (gross) .....	138	142	149
23.95	New obligations .....	-138	-142	-149

<b>New budget authority (gross), detail:</b>				
Current:				
40.00	Appropriation .....	134	137	144
Permanent:				
68.00	Spending authority from offsetting collections: Offsetting collections (cash) .....	4	5	5
70.00	<b>Total new budget authority (gross) .....</b>	<b>138</b>	<b>142</b>	<b>149</b>

<b>Change in unpaid obligations:</b>				
72.40	Unpaid obligations, start of year: Obligated balance: Uninvested .....	21	19	15
73.10	New obligations .....	138	142	149
73.20	Total outlays (gross) .....	-138	-146	-148
73.40	Adjustments in expired accounts .....	-1		

74.40	Unpaid obligations, end of year: Obligated balance: Uninvested .....	19	15	16
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<b>Outlays (gross), detail:</b>				
86.90	Outlays from new current authority .....	119	122	128
86.93	Outlays from current balances .....	15	19	15
86.97	Outlays from new permanent authority .....	4	5	5
87.00	<b>Total outlays (gross) .....</b>	<b>138</b>	<b>146</b>	<b>148</b>

<b>Offsets:</b>				
Against gross budget authority and outlays:				
88.00	Offsetting collections (cash) from: Federal sources .....	-4	-5	-5

<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	134	137	144
90.00	Outlays .....	135	141	143

This account provides funds to administer and manage NSF programs. NSF continues to develop performance measures for use in the administration and management of NSF programs. These measures are used for program development and performance monitoring.

Funding for Salaries and Expenses is proposed as part of the Research Fund for America. This proposal highlights the Administration's priority to providing needed and sustained investments in important Federal research programs on a deficit neutral basis. A discussion of the Research Fund for America, and two other funds for the environment and transportation, can be found in section II of the *Budget* volume.

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

Identification code 49-0180-0-1-251	1997 actual	1998 est.	1999 est.	
<b>Direct obligations:</b>				
Personnel compensation:				
11.1	Full-time permanent .....	67	69	72
11.3	Other than full-time permanent .....	8	8	8
11.5	Other personnel compensation .....	2	2	2
11.9	<b>Total personnel compensation .....</b>	<b>77</b>	<b>79</b>	<b>82</b>
12.1	Civilian personnel benefits .....	14	15	15
21.0	Travel and transportation of persons .....	4	4	4
23.1	Rental payments to GSA .....	16	16	17
23.3	Communications, utilities, and miscellaneous charges .....	3	3	4
24.0	Printing and reproduction .....	1	1	
25.1	Advisory and assistance services .....	1	1	1
25.2	Other services .....	2	2	4
25.3	Purchases of goods and services from Government accounts .....	6	6	1
25.7	Operation and maintenance of equipment .....	4	4	5
26.0	Supplies and materials .....	1	1	2
31.0	Equipment .....	5	5	9
99.0	<b>Subtotal, direct obligations .....</b>	<b>134</b>	<b>137</b>	<b>144</b>
99.0	Reimbursable obligations .....	4	5	5
99.9	<b>Total obligations .....</b>	<b>138</b>	<b>142</b>	<b>149</b>

**Personnel Summary**

Identification code 49-0180-0-1-251	1997 actual	1998 est.	1999 est.	
1001	Total compensable workyears: Full-time equivalent employment .....	1,162	1,150	1,150

**OFFICE OF INSPECTOR GENERAL**

For necessary expenses of the Office of Inspector General as authorized by the Inspector General Act of 1978, as amended, [ \$4,850,000 ] \$5,200,000, to remain available until September 30, [1999] 2000. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 1998.*)

**General and special funds—Continued**

**OFFICE OF INSPECTOR GENERAL—Continued**

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

Identification code 49-0300-0-1-251	1997 actual	1998 est.	1999 est.
<b>Obligations by program activity:</b>			
10.00 Total obligations .....	5	5	5
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance available, start of year:			
Uninvested .....	1		
22.00 New budget authority (gross) .....	5	5	5
23.90 Total budgetary resources available for obligation	6	5	5
23.95 New obligations .....	-5	-5	-5
<b>New budget authority (gross), detail:</b>			
40.00 Appropriation .....	5	5	5
<b>Change in unpaid obligations:</b>			
72.40 Unpaid obligations, start of year: Obligated balance:			
Uninvested .....	1	1	1
73.10 New obligations .....	5	5	5
73.20 Total outlays (gross) .....	-5	-5	-5
74.40 Unpaid obligations, end of year: Obligated balance:			
Uninvested .....	1	1	1
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new current authority .....	4	4	4
86.93 Outlays from current balances .....	1	1	1
87.00 Total outlays (gross) .....	5	5	5
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	5	5	5
90.00 Outlays .....	5	5	5

This appropriation provides agencywide 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).

Funding for Office of Inspector General is proposed as part of the Research Fund for America. This proposal highlights the Administration's priority to providing needed and sustained investments in important Federal research programs on a deficit neutral basis. A discussion of the Research Fund for America, and two other funds for the environment and transportation, can be found in section II of the *Budget* volume.

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

Identification code 49-0300-0-1-251	1997 actual	1998 est.	1999 est.
11.1 Personnel compensation: Full-time permanent .....	3	3	3
12.1 Civilian personnel benefits .....	1	1	1
25.1 Advisory and assistance services .....	1	1	1
99.9 Total obligations .....	5	5	5

**Personnel Summary**

Identification code 49-0300-0-1-251	1997 actual	1998 est.	1999 est.
1001 Total compensable workyears: Full-time equivalent employment .....	46	46	46

**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, **[\$632,500,000] \$683,000,000**, to remain available until September

30, [1999] 2000: *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. (*Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 1998.*)

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

Identification code 49-0106-0-1-251	1997 actual	1998 est.	1999 est.
<b>Obligations by program activity:</b>			
<b>Direct program:</b>			
00.01 Educational system reform .....	103	103	117
00.02 Experimental Program to Stimulate Competitive Research (EPSCoR) .....	38	38	38
00.03 Elementary, secondary and informal education .....	197	183	200
00.04 Undergraduate education .....	87	101	111
00.05 Graduate education .....	71	74	76
00.06 Human resource development .....	73	78	80
00.07 Research, evaluation and communication .....	50	56	61
09.01 Reimbursable programs .....	3	5	5
10.00 Total obligations .....	622	637	688
<b>Budgetary resources available for obligation:</b>			
22.00 New budget authority (gross) .....	622	637	688
22.10 Resources available from recoveries of prior year obligations .....	1		
22.30 Unobligated balance expiring .....	-1		
23.90 Total budgetary resources available for obligation	622	637	688
23.95 New obligations .....	-622	-637	-688
<b>New budget authority (gross), detail:</b>			
<b>Current:</b>			
40.00 Appropriation .....	619	632	683
<b>Permanent:</b>			
68.00 Spending authority from offsetting collections: Offsetting collections (cash) .....	3	5	5
70.00 Total new budget authority (gross) .....	622	637	688
<b>Change in unpaid obligations:</b>			
72.40 Unpaid obligations, start of year: Obligated balance:			
Uninvested .....	783	815	873
73.10 New obligations .....	622	637	688
73.20 Total outlays (gross) .....	-579	-579	-618
73.40 Adjustments in expired accounts .....	-10		
73.45 Adjustments in unexpired accounts .....	-1		
74.40 Unpaid obligations, end of year: Obligated balance:			
Uninvested .....	815	873	943
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new current authority .....	97	101	109
86.93 Outlays from current balances .....	479	473	504
86.97 Outlays from new permanent authority .....	3	5	5
87.00 Total outlays (gross) .....	579	579	618
<b>Offsets:</b>			
<b>Against gross budget authority and outlays:</b>			
88.00 Offsetting collections (cash) from: Federal sources	-3	-5	-5
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	619	632	683
90.00 Outlays .....	576	574	613

Education and human resources (EHR) activities provide a comprehensive set of programs that further NSF's goal of promoting excellence in U.S. science, mathematics, engineering, and technology (SMET) education and scientific literacy. At the pre-kindergarten through grade 12 (pre K-12) level, EHR catalyzes systemic reform of SMET education in states, cities, school districts, and rural areas. Its pre K-12 programs provide new instructional materials and pedagogical techniques that incorporate the latest advances in teaching, learning, and educational technologies. They provide enrichment activities for teachers and students. Undergraduate initiatives improve curriculum in all SMET fields and lead reform efforts in mathematics, chemistry, and other disciplines. EHR pro-

grams strengthen laboratory course offerings and enhance faculty. Programs for advanced technological education strengthen education for students preparing to enter the high-technology workforce. Graduate level support is directed primarily to research fellowships and traineeships to guarantee the U.S. world leadership in science and technology. All EHR programing focuses on broadening participation of groups underrepresented in SMET fields. The experimental program to stimulate competitive research (EPSCoR) broadens participation of states and regions in science and engineering. EHR supports research that advances SMET 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. This appropriation also supports NSF's active development of performance indicators that tie to the key program functions of education and training and research project support.

Funding for Education and Human Research is proposed as part of the Research Fund for America. This proposal highlights the Administration's priority to providing needed and sustained investments in important Federal research programs on a deficit neutral basis. A discussion of the Research Fund for America, and two other funds for the environment and transportation, can be found in section II of the *Budget* volume.

Object Classification (in millions of dollars)

Identification code 49-0106-0-1-251	1997 actual	1998 est.	1999 est.
Direct obligations:			
21.0 Travel and transportation of persons .....	2	2	2
25.1 Advisory and assistance services .....	9	9	9
25.2 Other services .....	8	8	8
25.5 Research and development contracts .....	6	6	6
41.0 Grants, subsidies, and contributions .....	594	607	658
99.0 Subtotal, direct obligations .....	619	632	683
99.0 Reimbursable obligations .....	3	5	5
99.9 Total obligations .....	622	637	688

**Trust Funds**

DONATIONS

Unavailable Collections (in millions of dollars)

Identification code 49-8960-0-7-251	1997 actual	1998 est.	1999 est.
Balance, start of year:			
01.99 Balance, start of year .....			
Receipts:			
02.01 Donations to the National Science Foundation .....	37	40	37
Appropriation:			
05.01 Donations .....	-37	-40	-37
07.99 Total balance, end of year .....			

Program and Financing (in millions of dollars)

Identification code 49-8960-0-7-251	1997 actual	1998 est.	1999 est.
Obligations by program activity:			
00.01 Ocean drilling programs .....	17	17	17

00.02 Gifts and donations .....	7	7	7
00.06 Gemini telescope .....	8	16	13
10.00 Total obligations .....	32	40	37

Budgetary resources available for obligation:

21.40 Unobligated balance available, start of year:			
Uninvested .....	8	14	14
22.00 New budget authority (gross) .....	37	40	37
22.10 Resources available from recoveries of prior year obligations .....	1		
23.90 Total budgetary resources available for obligation .....	46	54	51
23.95 New obligations .....	-32	-40	-37
24.40 Unobligated balance available, end of year:			
Uninvested .....	14	14	14

New budget authority (gross), detail:

60.27 Appropriation (trust fund, indefinite) .....	37	40	37
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Change in unpaid obligations:

72.40 Unpaid obligations, start of year: Obligated balance:			
Uninvested .....	11	17	17
73.10 New obligations .....	32	40	37
73.20 Total outlays (gross) .....	-25	-40	-37
73.45 Adjustments in unexpired accounts .....	-1		
74.40 Unpaid obligations, end of year: Obligated balance:			
Uninvested .....	17	17	17

Outlays (gross), detail:

86.97 Outlays from new permanent authority .....	14	40	37
86.98 Outlays from permanent balances .....	11		
87.00 Total outlays (gross) .....	25	40	37

Net budget authority and outlays:

89.00 Budget authority .....	37	40	37
90.00 Outlays .....	25	40	37

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 construction 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	1997 actual	1998 est.	1999 est.
25.2 Other services .....	1	1	1
25.4 Operation and maintenance of facilities .....	8	9	9
25.5 Research and development contracts .....	9	9	9
41.0 Grants, subsidies, and contributions .....	13	21	18
99.0 Subtotal, direct obligations .....	31	40	37
99.5 Below reporting threshold .....	1		
99.9 Total obligations .....	32	40	37