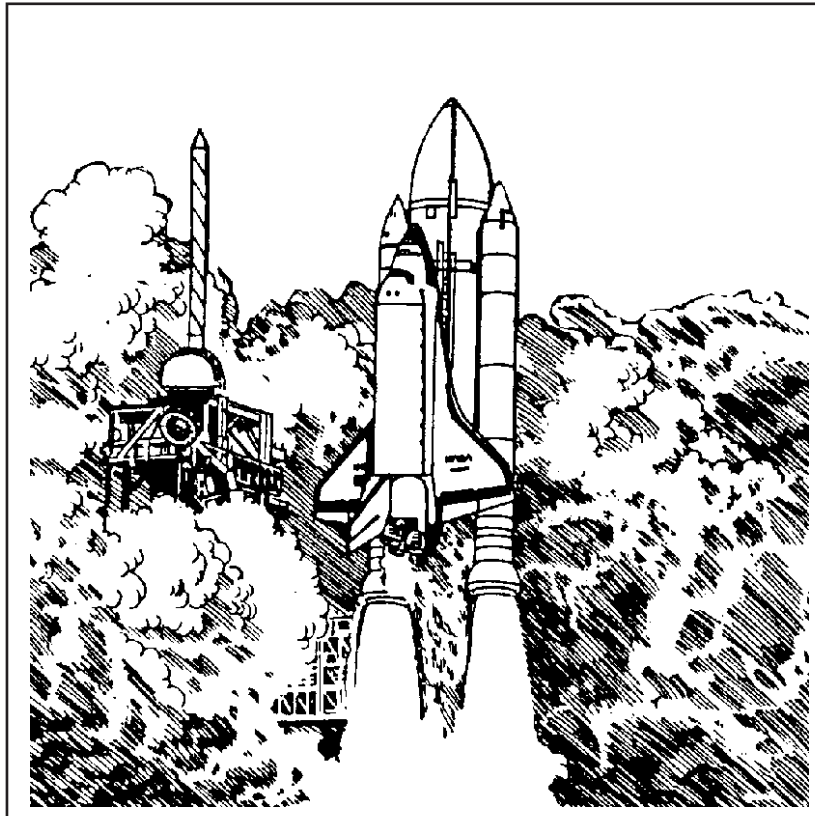


ANNUAL PROCUREMENT REPORT

Fiscal Year 2003



National Aeronautics and
Space Administration

INTRODUCTION

This report presents summary data on all NASA procurement actions and detailed information on contracts, grants, agreements, and other procurements over \$25,000 awarded by NASA during Fiscal Year 2003 using appropriated funds. The dollar value of these procurements amounted to 98.8 percent of the total dollar value of procurement actions completed during Fiscal Year 2003. They accounted for 89 percent of the total actions.

Procurement action, as used in this report, means contractual actions to obtain supplies, services or construction that increase or decrease funds. A procurement action thus may be a new procurement, or a modification such as a supplemental agreement, change order, or termination to an existing contract that changes the total amount of funds obligated. An obligation is a contractual commitment to pay for supplies or services that are specified in the contract. (See Glossary for more information.)

The Annual Procurement Report is available via the internet on the Procurement homepage. The address is: <http://www.hq.nasa.gov/office/procurement/>. The report was prepared by the Analysis Division, Office of Procurement, NASA Headquarters. Inquiries should be addressed to:

National Aeronautics and Space Administration
Office of Procurement (Code HC)
Washington, DC 20546

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I. TOTAL PROCUREMENTS

Fiscal Year 2003 - NASA's procurements (including those under \$25,000) totaled \$13,273.6 million. The number of procurement actions totaled 72,687.

TRENDS IN PROCUREMENT OBLIGATIONS VS. TOTAL NASA OBLIGATIONS * FISCAL YEARS 1999 - 2003 (MILLIONS OF DOLLARS)

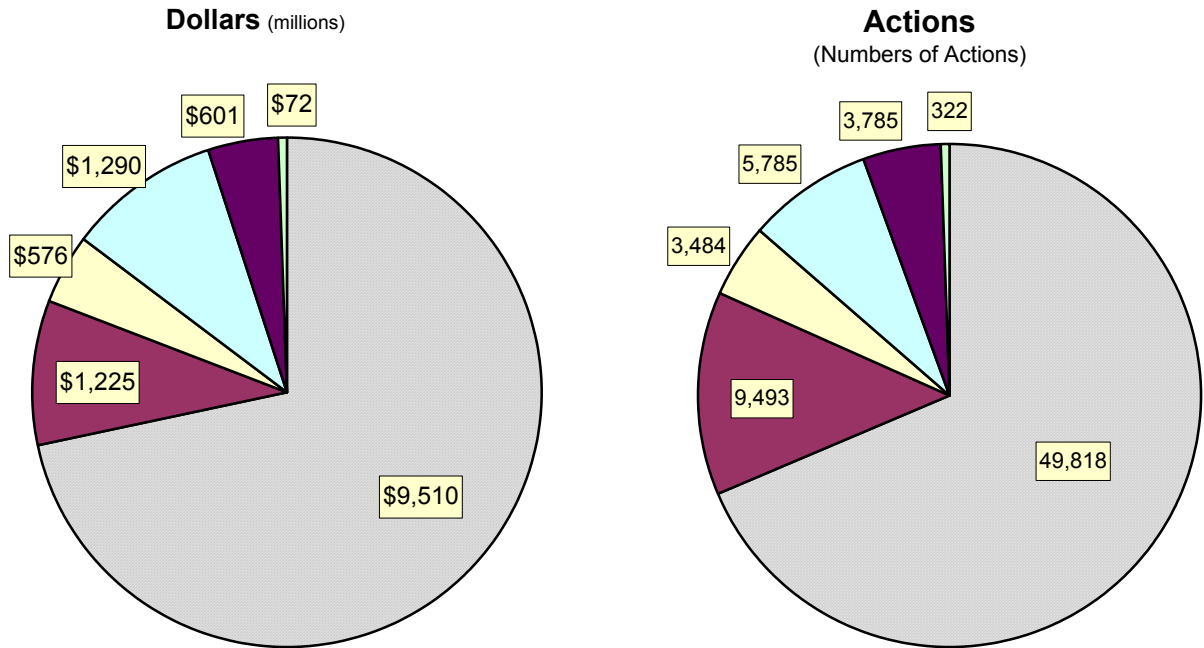
Fiscal Year	Total NASA Obligations	Procurement Obligations	
		Amount	% of Total Obligations
2003	\$15,657.7	\$13,273.7	84.8%
2002	15,519.5	13,302.5	85.7%
2001	14,157.4	12,748.1	90.0%
2000	14,484.1	12,504.7	86.3%
1999	14,530.1	12,674.6	87.2%

*Total NASA obligations include salaries, benefits and travel of NASA employees, as well as 102,830 credit card purchases in the amount of \$52.9 million.

II. AWARDS BY TYPE OF CONTRACTOR

Fiscal Year 2003 - The distribution of NASA's procurement dollars obligated and the number of actions is shown in Figure 1.

**AWARDS BY TYPE OF CONTRACTOR
FISCAL YEAR 2003**



<u>Category</u>	<u>Value</u> <u>(\$ millions)</u>	<u>Percent</u> <u>of Total</u>	<u>Actions</u> <u>(Number of)</u>	<u>Percent</u> <u>of Total</u>
Business Firms	\$ 9,510.4	71.6%	49,818	68.5%
Educational Institutions	1,224.6	9.2%	9,493	13.1%
Nonprofit Organizations	575.5	4.3%	3,484	4.8%
JPL	1,290.4	9.7%	5,785	8.0%
Gov't Agencies	601.1	4.5%	3,785	5.2%
Outside U.S.	71.6	0.5%	322	0.4%
Total:	\$ 13,273.6	100.0%	72,687	100.0%

Figure 1

TRENDS IN AWARDS BY TYPE OF CONTRACTOR
FISCAL YEARS 1999 - 2003

PROCUREMENT DOLLARS (IN MILLIONS)

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
BUSINESS FIRMS	\$9,386	\$9,273	\$9,210	\$9,569	\$9,510
EDUCATIONAL	1,019	995	1,084	1,194	1,225
NONPROFIT	431	466	523	583	576
JPL	1,295	1,291	1,452	1,404	1,290
GOV'T AGENCIES	390	382	382	486	601
OUTSIDE U.S.	154	97	97	67	72
TOTAL	<u>\$12,675</u>	<u>\$12,504</u>	<u>\$12,748</u>	<u>\$13,303</u>	<u>\$13,274</u>

PERCENT OF TOTAL DOLLARS

BUSINESS FIRMS	74%	74%	72%	72%	72%
EDUCATIONAL	8%	8%	9%	9%	9%
NONPROFIT	4%	4%	4%	4%	4%
JPL	10%	10%	11%	11%	10%
GOV'T AGENCIES	3%	3%	3%	3%	4%
OUTSIDE U.S.	<u>1%</u>	<u>1%</u>	<u>1%</u>	<u>1%</u>	<u>1%</u>
TOTAL	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

Appendix I shows distribution of NASA direct procurements by type of contractor for Fiscal Years 1961 - 2003 (See Page 40).

III. COMPETITION IN NASA AWARDS

A. Competition in Contracting Act

The Competition in Contracting Act (P.L. 98-369), with limited exceptions, requires full and open competition within the federal government. Full and open competition means that all responsible sources are permitted to submit sealed bids or competitive proposals on a given procurement.

Contracting without providing for full and open competition is allowable under certain circumstances. Written justifications are required to award procurements on an other than full and open competition basis.

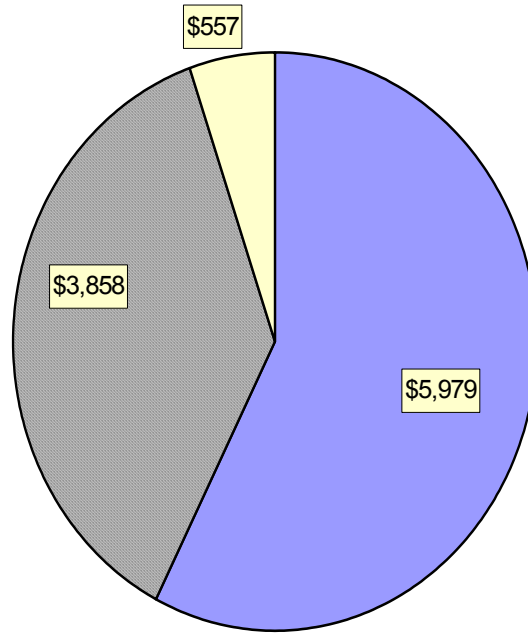
B. Reporting of Competition

NASA developed a competition advocacy program to enhance and promote competition and to eliminate barriers to full and open competition. NASA has appointed an agency competition advocate to oversee the program and each NASA center has a designated competition advocate. Federal agencies are required to submit uniform competition statistics to Congress in an annual report that summarizes the accomplishments of the agency's competition advocacy program during the past year and describes proposed actions for the current year to increase competition and reduce noncompetitive contract awards.

C. Competition During Fiscal Year 2003

Appendix II and IIA shows Competition to Business Firms for the period Fiscal Year 1961 – 2003 (see page 41).

COMPETITION IN NASA AWARDS FISCAL YEAR 2003



<u>Total Available for Competition *</u>	<u>Value (\$ millions)</u>	<u>Percent of Total</u>
Competed:		
New awards:		
Sealed bids	\$ 57.7	0.6%
Negotiated	803.8	7.7%
Subtotal New Awards	<u>\$ 861.5</u>	<u>8.3%</u>
Modifications:		
Sealed bids	\$ 15.9	0.2%
Negotiated	5,101.6	49.1%
Subtotal Modifications	<u>\$ 5,117.5</u>	<u>49.2%</u>
Subtotal Competed	<u>\$ 5,979.0</u>	57.5%
Not Competed		
New Awards	\$ 405.8	3.9%
Modifications	3,451.8	33.2%
Subtotal Not Competed	<u>\$ 3,857.6</u>	<u>37.1%</u>
Follow-on		
New Awards	\$ 81.1	0.8%
Modifications	475.6	4.6%
Subtotal Follow-on	<u>\$ 556.7</u>	<u>5.4%</u>
Total:	<u>\$ 10,393.3</u>	<u>100.0%</u>

Figure 2

TRENDS IN AWARDS BY EXTENT OF COMPETITION
FISCAL YEARS 1999 - 2003

TYPE OF ACTION	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Net Value of Awards (Millions)					
<u>Total Available</u>	<u>\$9,635.0</u>	<u>\$9,626.9</u>	<u>\$9,690.6</u>	<u>\$10,124.5</u>	<u>\$10,393.3</u>
<u>Competed</u>	<u>\$ 5,459.6</u>	<u>\$ 5,384.4</u>	<u>\$ 5,743.9</u>	<u>\$ 5,763.5</u>	<u>\$ 5,979.0</u>
New Awards	803.4	1,065.2	1,041.6	752.1	861.5
Modifications	4,656.2	4,319.2	4,702.3	5,011.4	5,117.5
<u>Not Competed</u>	<u>\$ 3,325.3</u>	<u>\$ 3,512.4</u>	<u>\$ 3,482.7</u>	<u>\$ 3,858.8</u>	<u>\$ 3,857.6</u>
New Awards	128.2	312.1	140.4	387.3	405.8
Modifications	3,197.1	3,200.3	3,342.3	3,471.5	3,451.8
<u>Follow-On</u>	<u>\$ 850.1</u>	<u>\$ 730.1</u>	<u>\$ 464.0</u>	<u>\$ 502.2</u>	<u>\$ 556.7</u>
New Awards	208.1	299.8	6.4	1.9	81.1
Modifications	642.0	430.3	457.6	500.3	475.6
Percent of Total					
<u>Total Available</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Competed</u>	<u>56.7</u>	<u>56.0</u>	<u>59.3</u>	<u>56.9</u>	<u>57.5</u>
New Awards	8.4	11.1	10.8	7.4	8.3
Modifications	48.3	44.9	48.5	49.4	49.2
<u>Not Competed</u>	<u>34.5</u>	<u>36.5</u>	<u>35.9</u>	<u>38.1</u>	<u>37.1</u>
New Awards	1.3	3.3	1.4	3.8	3.9
Modifications	33.2	33.2	34.5	34.2	33.2
<u>Follow-On</u>	<u>8.8</u>	<u>7.5</u>	<u>4.8</u>	<u>5.0</u>	<u>5.4</u>
New Awards	2.1	3.1	0.1	0.1	0.8
Modifications	6.7	4.4	4.7	4.9	4.6

IV. AWARDS TO BUSINESS FIRMS

A. Awards By Contract Type

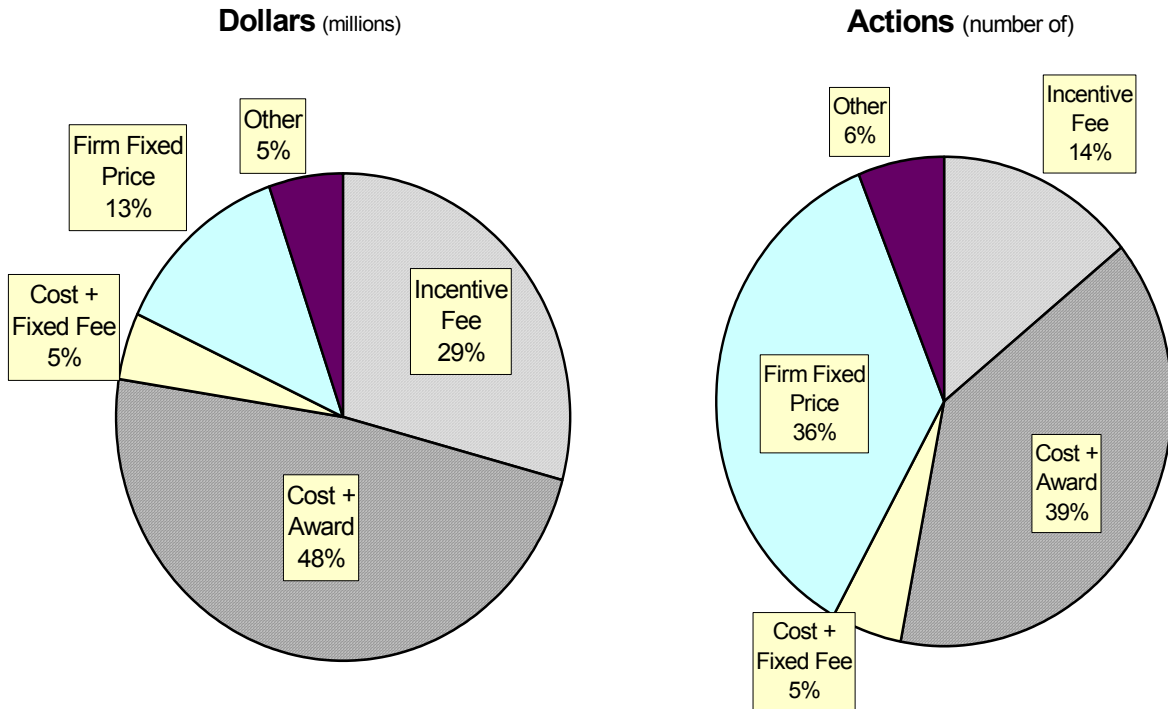
Fiscal Year 2003 – The table below depicts the trends in awards to business firms by contract type. Figure 3, on the following page, categorizes Fiscal Year 2003 awards of new contracts and modifications to existing contracts. The large percentage of procurements which have award fee and incentive provisions resulted from major procurements for the Space Shuttle and Space Station programs.

TRENDS IN AWARDS TO BUSINESS FIRMS BY CONTRACT TYPE*
FISCAL YEAR 1999 - 2003

	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
<u>AWARDS IN MILLIONS</u>					
Firm-Fixed-Price	\$1,197	\$1,168	\$1,358	\$1,309	\$1,421
Incentive	2,227	2,628	3,053	3,238	3,234
Cost-Plus-Award-Fee	4,451	4,342	3,896	4,154	5,349
Cost-Plus-Fixed-Fee	466	401	253	224	514
Other	454	290	234.8	175	571
<u>TOTAL BUSINESS</u>	<u>\$8,795</u>	<u>\$8,829</u>	<u>\$8,795</u>	<u>\$9,100</u>	<u>\$11,089</u>
<u>PERCENT OF TOTAL</u>					
Firm-Fixed-Price	14%	13%	15%	14%	13%
Incentive	25%	30%	35%	36%	29%
Cost-Plus-Award-Fee	51%	49%	44%	46%	48%
Cost-Plus-Fixed-Fee	5%	5%	3%	2%	5%
Other	5%	3%	3%	2%	5%
<u>TOTAL BUSINESS</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

*Excludes smaller procurements, generally those of \$25,000 or less and orders placed against GSA Federal Supply Schedule contracts.

**AWARDS BY CONTRACT TYPE
TO BUSINESS FIRMS*
FISCAL YEAR 2003**



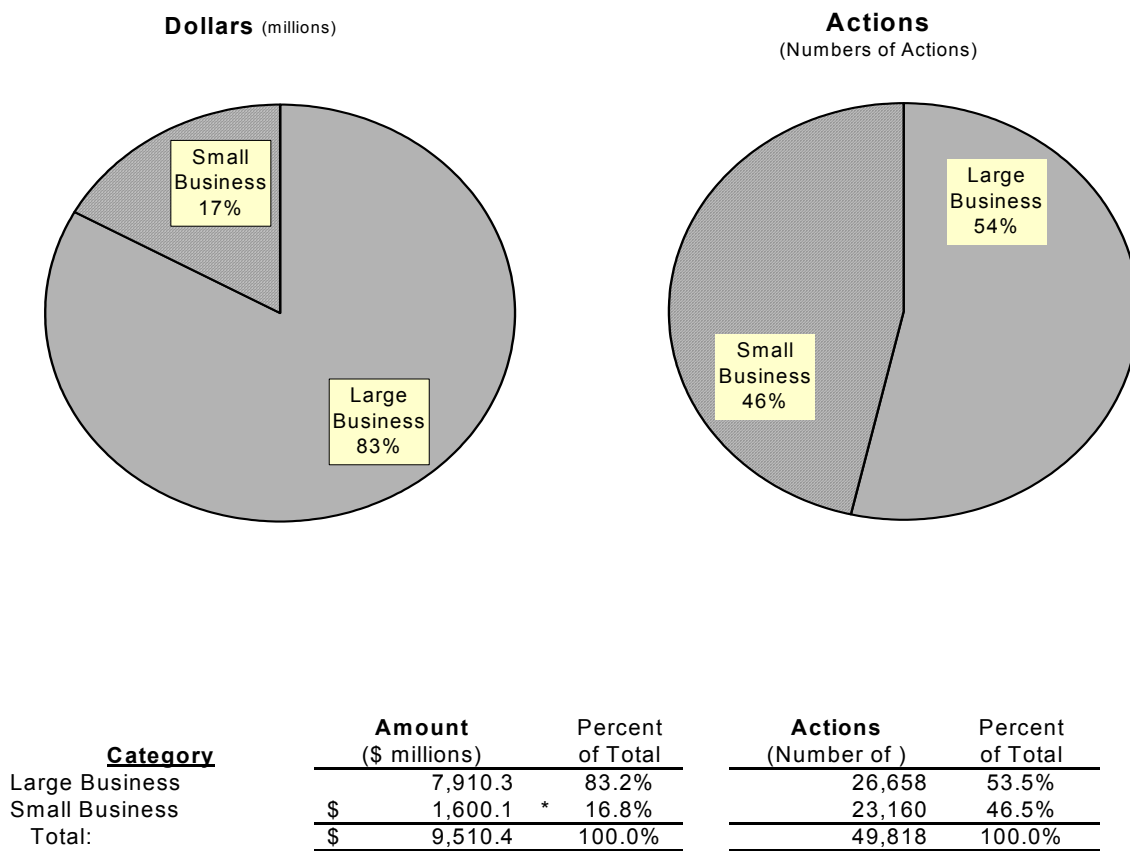
Category	Amount (\$millions)	Percent of Total	Actions (number of)	Percent of Total
Firm Fixed Price	\$ 1,421.4	12.8%	16,813	35.8%
Incentive Fee:				
Fixed Price Incentive Fee	114.1	1.0%	149	0.3%
Cost Plus Incentive Fee	3,119.9	28.1%	6,546	13.9%
Subtotal Incentive Fee	\$ 3,234.0	29.2%	6,695	14.3%
Cost Plus Award Fee	\$ 5,349.3	48.2%	18,207	38.8%
Cost Plus Fixed Fee	\$ 513.8	4.6%	2,356	5.0%
Other:				
Fixed Price Redermination	3.0	0.0%	33	0.1%
Economic Price Adj.	100.7	0.9%	195	0.4%
Cost No Fee	442.4	4.0%	1,235	2.6%
Cost Sharing	0.5	0.0%	9	0.0%
Labor Hour	14.3	0.1%	1,216	2.6%
Time & Material	9.5	0.1%	167	0.4%
Subtotal Other:	\$ 570.4	5.1%	2,855	6.1%
Total	\$ 11,089	100.0%	46,926	100.0%

Figure 3

B. Small Business Participation

Total Small Business - During Fiscal Year 2003, NASA awards to small business firms totaled \$1,600.1 million (See Figure 4). The \$1,600.1 million includes \$393.8 million in new awards. New awards to small business firms represented 41 percent of NASA's total new contract awards of \$956.8 million to all business firms during Fiscal Year 2003. Awards of \$25,000 or less to business firms during Fiscal Year 2003 totaled \$102.5 million. Of these smaller awards, small business firms received \$57.4 million or 42.6 percent.

**SMALL BUSINESS PARTICIPATION
FISCAL YEAR 2003**



* Includes \$466.1 million awarded to small disadvantaged firms under Authority of Section 8(a) of the Small Business Act. Also includes \$118.3 million awarded through Small Business Innovation Research and Small Business Technology Programs.

Figure 4

Small Business Programs & Categories

(1) Small Business Set-Asides- Small business set-asides are defined as competitive awards that are limited only to small business. The small business set-aside program continues to exert a strong influence on the capability of small business firms to participate in the space program. In Fiscal Year 2003, these set-asides amounted to \$447.9 million.

(2) Section 8(a) Business Development Program Awards – NASA awards contracts under the SBA’s 8(a) program to eligible firms (typically small disadvantaged businesses). Awards are made on either a competitive or sole source basis. In FY 2003, 8(a) awards totaled \$466.1million.

(3) Small Business Innovation Research (SBIR) - The Small Business Innovation Development Act requires that Federal agencies, whose extramural budgets for research or research and development exceeded a stated threshold, establish a Small Business Innovation Research Program. During Fiscal Year 2003, NASA awarded 284 new SBIR contracts totaling \$24.4 million. Of this amount, 268 were Phase I awards totaling \$18.7 million and 16 were Phase II awards totaling \$5.7 million. Also in Fiscal Year 2003, NASA funded on-going Phase II contracts with a total of \$85.2 million. Included in the total SBIR awards of \$109.6 million, 78 contracts, or \$12.8 million, were to small disadvantaged business firms, and 63 contracts, or \$10.9 million, were to women-owned firms.

(4) Small Business Technology Transfer (STTR) - The Small Business Technology Transfer Act authorizes Federal agencies, whose extramural budgets are in excess of \$1 billion, to establish a Small Business Technology Transfer Program. During Fiscal Year 2003, NASA awarded 34 new STTR contracts totaling \$4.4 million. Of this amount, 24 were Phase I awards totaling \$2.4 million, and 10 were Phase II awards totaling \$2 million. Twenty-one on-going Phase II STTR contracts were also funded for a total of \$2.4 million. Included in the STTR awards are 7 contracts for \$1 million to small disadvantaged business firms, and 3 contracts amounting to \$300,000 to women-owned firms.

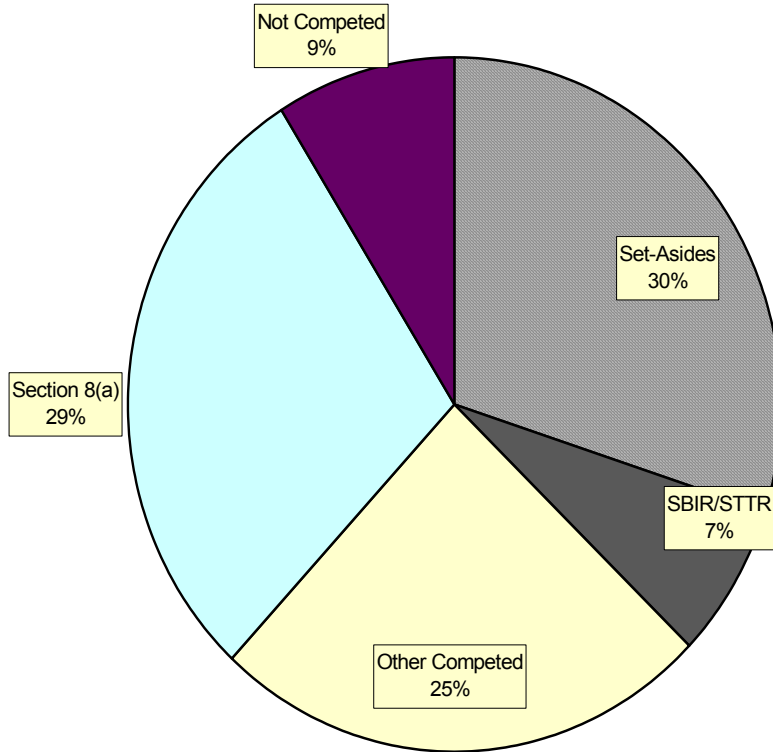
(5) Women-Owned Small Business Participation - In accordance with Executive Order 12138, Women’s Business Enterprise, NASA extends a particular effort to ensure that business firms owned and controlled by women have an equitable opportunity to participate in NASA’s procurement program. In Fiscal Year 2003, Women-Owned Small Business firms received prime contract awards totaling \$283.8 million.

(6) HubZone Small Business Awards – NASA awarded \$53.5 million to Hubzone Small Business Concerns in FY 2003. This is an increase of \$35.5 million or 66% over FY 2002.

(7) Veteran-Owned Small Business Awards – In FY 2003, NASA awarded over \$59.7 million to Veteran Owned Small Businesses. Of this amount, \$35.9 million was to Service Disabled Veteran Owned Small Businesses.

C. Extent of Competition in Small Business Awards

**COMPETITION IN SMALL BUSINESS AWARDS
FISCAL YEAR 2003**



Category	Amount (millions)	Percent of Total
Set-Asides	\$ 477.9	29.9%
SBIR/STTR	118.3	7.4%
Other Competed	396.1	24.8%
Section 8(a)	466.1	29.1%
Not Competed	141.7	8.9%
Total	\$ 1,600.1	100.0%

Figure 5

D. Small Disadvantaged Business Participation

NASA's prime contract awards to small disadvantaged business firms during Fiscal Year 2003 totaled \$818 million. The tabulation shown below indicates that NASA has made continuing efforts to increase disadvantaged business participation in NASA's procurements through direct awards and awards placed under the provisions of Section 8(a) of the Small Business Act.

Public Laws 101-144 and 101-507 mandated that NASA establish a goal of awarding at least 8 percent of the value of its prime and subcontracts to small disadvantaged and women-owned small business firms, Historically Black Colleges and Universities, and other minority institutions. NASA developed a plan for achieving the prescribed goal by Fiscal Year 1994, but exceeded it in Fiscal Year 1993. NASA achieved 17.1 percent in Fiscal Year 2003, surpassing the 8 percent goal for the eleventh year in a row.

TRENDS IN SMALL AND SMALL DISADVANTAGED
BUSINESS AWARDS
FISCAL YEARS 1999 - 2003
(MILLIONS OF DOLLARS)

TYPE OF AWARD	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Section 8(a)	\$351.0	\$419.9	\$445.8	\$479.1	\$466.1
Other Small Disadv. Businesses	215.0	310.0	352.2	334.4	352.4
Total	\$566.0	\$729.9	\$798.0	\$813.5	\$818.5

Appendix III shows NASA awards to small business firms for Fiscal Years 1961-2003 (See Page 45).

E. Awards by Type of Effort. During Fiscal Year 2003, \$9,413 million was awarded to business firms in the categories of research and development, services, and supplies and equipment. A breakout of these awards by category is shown below:

<u>Category</u>	<u>Total (Millions)</u>	<u>Number of Awards</u>
<u>Total</u>	<u>\$ 9,413.0</u>	<u>5,284</u>
<u>Research & Development</u>	<u>\$ 2,146.6</u>	<u>1,760</u>
Space Station	695.6	8
Aeronautics & Space Technology	552.3	835
Space Flight	377.1	96
Space Science & Applications	249.2	290
Space Operations	18.1	11
Commercial Programs	15.3	44
Other Space R&D	157.0	144
Other R&D	82.0	332
<u>Services</u>	<u>\$ 5,702.4</u>	<u>1,752</u>
Professional, Admin. & Mgmt. Support	2,945.0	532
ADP & Telecommunications	1,073.8	198
Operation of Gov't-owned Facilities	528.7	28
Special Studies & Analyses-Not R&D	221.9	154
Transportation, Travel & Relocation Svc.	165.3	29
Quality Control, Testing & Inspection	137.5	27
Maint., Repair & Reblgd. of Equipment	105.4	58
Maint., Repair or Alteration Real Property	99.7	223
Other Services	425.1	503
<u>Supplies & Equipment</u>	<u>\$ 1,564.0</u>	<u>1,772</u>
Space Vehicles	1,287.6	41
ADP Equipment, Software, Supplies & Support Equipment	81.9	758
Maintenance & Repair Shop Equip.	42.2	6
Instruments & Laboratory Equipment	27.5	346
Fuels, Lubricants, Oils & Waxes	27.2	40
Chemicals & Chemical Products	26.3	45
Electrical & Electronic Equip. Components	23.9	81
Aircraft Launch, Landing & Ground Equip.	9.3	6
Other Supplies & Equipment	38.1	449

*Excludes smaller procurements, generally those of \$25,000 or less.

F. One Hundred Principal Contractors (Business Firms)

The one hundred contractors that received the largest dollar value of NASA direct awards to business firms during Fiscal Year 2003 are shown below. The awards to these contractors accounted for 90 percent of the direct awards to business firms during the year. The smallest aggregate award to any contractor was in excess of \$7 million. Of the one hundred contractors, 40 were small business firms and of these 23 were disadvantaged firms at the time of award.

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED
ACCORDING TO TOTAL AWARDS RECEIVED
FISCAL YEAR 2003
(S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>	<u>AWARDS</u>	
	<u>(THOUSANDS)</u>	<u>PERCENT</u>
<u>TOTAL AWARDS TO BUSINESS FIRMS</u>	\$9,510,405	100.00
1. UNITED SPACE ALLIANCE	1,759,972	18.51
2. BOEING CO.	898,223	9.44
3. LOCKHEED MARTIN SPACE OPERATIONS	624,353	6.56
4. LOCKHEED MARTIN CORP.	552,218	5.81
5. THIOKOL CORP.	395,847	4.16
6. BOEING NORTH AMERICAN INC.	380,875	4.00
7. SPACE GATEWAY SUPPORT	297,256	3.13
8. LOCKHEED MARTIN ENGRG & SCIENCE CO.	223,030	2.35
9. SCIENCE APPLICATIONS INTL. CORP.	192,071	2.02
10. BOEING SATELLITE SYSTEMS INC.	164,414	1.73
11. COMPUTER SCIENCES CORP.	140,646	1.48
12. Q S S GROUP INC.	(S) (D) 135,601	1.43
13. RAYTHEON INFORMATION SYSTEMS CO.	110,970	1.17
14. BALL AEROSPACE & TECH. CORP.	109,612	1.15
15. DELTA LAUNCH SERVICES INC.	107,126	1.13
16. MCDONNELL DOUGLAS CORP.	105,339	1.11
17. BOEING SPACE OPERATIONS CO.	96,953	1.02
18. RAYTHEON TECHNICAL SERVICES CO.	90,822	.95
19. SWALES & ASSOCIATES INC.	(S) 79,150	.83
20. O A O CORP.	74,363	.78
21. WYLE LABORATORIES	(S) 73,752	.78
22. SVERDRUP TECHNOLOGY INC.	73,494	.77
23. T R W INC.	73,478	.77
24. HAMILTON SUNDSTRAND SPACE SYSTEMS	70,514	.74

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED
 ACCORDING TO TOTAL AWARDS RECEIVED
 FISCAL YEAR 2003
 (S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>			<u>AWARDS</u>	
			<u>(THOUSANDS)</u>	<u>PERCENT</u>
25. HONEYWELL TECHNOLOGY SOLUTIONS INC.			62,963	.66
26. SCIENCE SYSTEMS APPLICATIONS	(S)	(D)	62,891	.66
27. NORTHROP GRUMMAN SYSTEMS CORP.			60,378	.63
28. ORBITAL SCIENCES CORP.			58,053	.61
29. MISSISSIPPI SPACE SERVICES			53,068	.56
30. DYNCORP TECHNICAL SERVICES			50,963	.54
31. NORTHROP GRUMMAN INFO TECH INC.			49,911	.52
32. A C S GOVERNMENT SOLUTIONS GRP			49,910	.52
33. INDYNE INC.	(S)	(D)	45,349	.48
34. ACCENTURE LLP			44,819	.47
35. SPACEHAB INC.	(S)		42,317	.44
36. DYNCORP			39,322	.41
37. JOHNSON CONTROLS WORLD SERVICES			37,880	.40
38. NORTHROP GRUMMAN CORP.			34,167	.36
39. CORTEZ III SERVICE CORP.			32,038	.34
40. CUBE CORP.	(S)	(D)	31,768	.33
41. RAYTHEON S T X CORP.			31,518	.33
42. GLOBAL SCIENCE & TECH INC.	(S)	(D)	30,772	.32
43. A S R C AEROSPACE CORP.	(S)	(D)	29,831	.31
44. UNITED TECHNOLOGIES CORP.			27,318	.29
45. ADVANCED MANAGEMENT TECH. INC.	(S)	(D)	27,202	.29
46. GENERAL ELECTRIC COMPANY			27,109	.29
47. I T T INDUSTRIES INC.			26,946	.28
48. MANTECH SYSTEMS ENGINEERING CORP.			26,493	.28
49. TELEDYNE INDUSTRIES INC.			25,494	.27
50. BOLAND DAVID A. INC.	(S)		23,989	.25
51. P R C INC.			23,852	.25
52. R S INFORMATION SYSTEMS INC.	(S)	(D)	21,900	.23
53. SPACEHAB GOVERNMENT SERVICES INC	(S)		21,352	.22
54. SPECTRUM ASTRO INC	(S)		20,294	.21
55. PRAXAIR INC.			18,575	.20
56. BOOZ ALLEN & HAMILTON INC.			18,566	.20
57. S G T INC.	(S)	(D)	18,147	.19
58. RAYTHEON SYSTEMS CO.			18,029	.19
59. HONEYWELL INTERNATIONAL INC.			17,717	.19

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED
 ACCORDING TO TOTAL AWARDS RECEIVED
 FISCAL YEAR 2003
 (S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>	<u>AWARDS</u>	
	<u>(THOUSANDS)</u>	<u>PERCENT</u>
60. AVERSTAR INC.	17,683	.19
61. ANALEX CORP. (S)	17,405	.18
62. HERNANDEZ ENGINEERING INC. (S)	16,886	.18
63. S A P PUBLIC SERVICES INC.	15,784	.17
64. NORTHROP GRUMMAN SPACE TECH	15,342	.16
65. L B & B ASSOCIATES INC. (S) (D)	15,292	.16
66. E G & G ALABAMA INC.	15,178	.16
67. ARCATA ASSOCIATES INC. (S) (D)	15,161	.16
68. MUNIZ ENGINEERING INC. (S) (D)	15,119	.16
69. DYNAMAC CORP. (S)	15,085	.16
70. ANALYTICAL SERVICES & MAT INC (S) (D)	15,106	.16
71. TITAN SYSTEMS CORP.	14,319	.15
72. AKIMA CORP. (S) (D)	13,411	.14
73. A I SIGNAL RESEARCH INC. (S) (D)	13,311	.14
74. PARSONS INFRASTRUCTURE & TECH	12,691	.13
75. VIRGINIA ELECTRIC & POWER CO.	12,597	.13
76. SECTEK INC. (S) (D)	12,592	.13
77. DYNACS ENGINEERING CO. INC. (S) (D)	12,411	.13
78. FIRST ENERGY CORP.	12,088	.13
79. ELORET CORP. (S)	11,051	.12
80. UNISYS CORP.	10,676	.11
81. TESADA & ASSOCIATES INC. (S) (D)	10,471	.11
82. GILCREST ELECTRIC & SUPPLY CO. (S) (D)	10,422	.11
83. AIR PRODUCTS & CHEMICALS INC.	10,245	.11
84. E G & G TECHNICAL SERVICES INC.	10,225	.11
85. P A I CORP. (S) (D)	10,083	.11
86. INDUS CORP. (S) (D)	10,078	.11
87. VALADOR VA INC. (S)	9,572	.10
88. CALL HENRY INC (S)	9,225	.10
89. S R S INFORMATION SERVICES (S)	8,908	.09
90. DANIEL MANN JOHNSON MENDENHAL	8,828	.09
91. TECHTRANS INTERNATIONAL INC. (S)	8,805	.09
92. CREARE INC. (S)	8,741	.09
93. AIR LIQUIDE AMERICA CORP.	8,554	.09
94. GOVERNMENT TECHNOLOGY SER INC.	8,488	.09
95. SIERRA LOBO INC. (S) (D)	8,213	.09

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED
 ACCORDING TO TOTAL AWARDS RECEIVED
 FISCAL YEAR 2003
 (S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>		<u>AWARDS</u> <u>(THOUSANDS)</u>	<u>PERCENT</u>
96. DIAMOND GROUP INC.	(S)	8,204	.09
97. KELSEY SEYBOLD MEDICAL GROUP		8,216	.09
98. LOCKHEED MARTIN LOGST MGMT INC.		8,089	.09
99. ZIN TECHNOLOGIES INC.	(S) (D)	8,033	.08
100. ORBITAL TECHNOLOGIES CORP.	(S)	7,889	.08
OTHER*		989,103	10.40

*Includes other awards over \$25,000 and smaller procurements of \$25,000 or less.

V. CONTRACT FOR OPERATION OF JET PROPULSION LABORATORY

The Jet Propulsion Laboratory (JPL) is a Government-owned research and development facility, operated for NASA by the California Institute of Technology. The Laboratory carries out research programs and flight projects and conceives and executes advanced development and experimental engineering investigations to further the technology required for the Nation's space program. The primary emphasis of the Laboratory's effort is on the carrying out of unmanned lunar, planetary and deep-space scientific missions.

Net awards during Fiscal Year 2003 totaled \$1,290.4 million. Of this amount, JPL awarded \$583.2 million as subcontracts with business firms.

VI. AWARDS TO EDUCATIONAL AND OTHER NONPROFIT INSTITUTIONS*

A. Distribution by Type of Institution and Award

During Fiscal Year 2003, \$1,800.1 million was awarded to educational and other nonprofit institutions. Of this amount, \$1,224.5 million was awarded to educational institutions and \$575.5 million to other nonprofit organizations. A breakout of these awards between contracts, grants and agreements is shown below:

Type of Award	Total (Millions)	Educational Institutions (Millions)	Nonprofit Organizations (Millions)
Contracts	\$728.8	\$451.1	\$277.7
Grants	584.5	455.3	129.1
Cooperative Agreements	459.9	316.7	143.2
Space Act Agreements	<u>26.9</u>	<u>1.4</u>	<u>25.5</u>
Total	\$1,800.1	\$1,224.5	\$575.5

*Excludes JPL.

In addition to the \$584.5 million in grant awards to educational and nonprofit firms, NASA also awarded \$7.4 million in grants to business firms and \$1.6 million to foreign firms bringing the total grant awards to \$593.5 million. Agreements (both Space Act and Cooperative) increased to \$519.9 million when awards to business firms of \$30.3 million and awards to foreign firms of \$2.8 million are included.

B. One Hundred Principal Educational & Nonprofit Institutions*

The one hundred educational and nonprofit institutions that received the largest dollar value of NASA awards during Fiscal Year 2003 are shown on Pages 23-26.

The awards to these institutions accounted for 93 percent of the total awards to educational and nonprofit institutions during the period. Seventy-two of the top 100 were educational institutions; 28 were nonprofit organizations.

*Excludes JPL.

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)
LISTED ACCORDING TO TOTAL AWARDS RECEIVED
FISCAL YEAR 2003
(N=Nonprofit Institution)

<u>INSTITUTION</u>	<u>AWARDS</u> (<u>THOUSANDS</u>) (<u>PERCENT</u>)	
<u>TOTAL AWARDS TO EDUCATIONAL & NONPROFIT INSTITUTIONS</u>	\$1,800,145	100.00
1. CALIFORNIA INSTITUTE OF TECHNOLOGY	259,932	14.44
2. JOHNS HOPKINS UNIVERSITY	187,085	10.39
3. STANFORD UNIVERSITY	87,512	4.86
4. UNIVERSITIES SPACE RESEARCH (N)	85,624	4.76
5. ASSN UNIV RESEARCH & ASTRONOMY (N)	75,025	4.17
6. SMITHSONIAN INSTITUTION (N)	73,085	4.06
7. UNIVERSITY OF COLORADO BOULDER	43,440	2.41
8. BAYLOR COLLEGE OF MEDICINE	33,272	1.85
9. UNIVERSITY OF CALIFORNIA BERKELEY	33,009	1.83
10. UNIVERSITY OF MARYLAND COLLEGE PARK	28,755	1.60
11. SOUTHWEST RESEARCH INSTITUTE (N)	25,066	1.39
12. UTAH STATE UNIVERSITY	21,863	1.21
13. UNIVERSITY OF ALABAMA HUNTSVILLE	21,858	1.21
14. MASSACHUSETTS INSTITUTE OF TECHNOLOGY	21,620	1.20
15. INSTITUTE OF SCIENTIFIC RESEARCH INC. (N)	20,450	1.14
16. NATIONAL ACADEMY OF SCIENCES (N)	18,796	1.04
17. UNIVERSITY OF ARIZONA	18,435	1.02
18. NEW MEXICO STATE UNIV LAS CRUCES	18,013	1.00
19. OKLAHOMA STATE UNIVERSITY	17,111	.95
20. PENNSYLVANIA STATE UNIVERSITY UP	17,051	.95
21. UNIVERSITY MARYLAND BALTIMORE CNTY	16,511	.92
22. BATTELLE MEMORIAL INSTITUTE (N)	15,941	.89
23. BOSTON UNIVERSITY	15,395	.86
24. NATIONAL CONSORTIUM AVIATION MOBILITY (N)	14,947	.83
25. OHIO AEROSPACE INSTITUTE (N)	14,578	.81
26. UNIVERSITY OF CALIFORNIA LOS ANGELES	13,254	.74
27. HAMPTON UNIVERSITY	12,541	.70
28. UNIVERSITY OF ALASKA FAIRBANKS	12,524	.70
29. COLUMBIA UNIVERSITY	11,677	.65
30. UNIVERSITY OF HAWAII	11,150	.62
31. WHEELING JESUIT UNIVERSITY	10,928	.61

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)
LISTED ACCORDING TO TOTAL AWARDS RECEIVED
FISCAL YEAR 2003
(N=Nonprofit Institution)

	<u>INSTITUTION</u>	<u>AWARDS</u>	
		<u>(THOUSANDS)</u>	<u>(PERCENT)</u>
32.	SAN JOSE STATE UNIVERSITY	10,693	.59
33.	UNIVERSITY OF CALIFORNIA SAN DIEGO	10,617	.59
34.	TEXAS A&M UNIVERSITY	10,552	.59
35.	UNIVERSITY OF TEXAS AUSTIN	9,850	.55
36.	HARVARD UNIVERSITY	9,743	.54
37.	NATIONAL INSTITUTE AEROSPACE ASSOC.	(N) 9,613	.53
38.	UNIVERSITY OF MICHIGAN ANN ARBOR	9,471	.53
39.	UNIVERSITY OF NEW HAMPSHIRE	9,361	.52
40.	CARNEGIE MELLON UNIVERSITY	9,263	.51
41.	UNIVERSITY OF WISCONSIN MADISON	9,104	.51
42.	UNIVERSITY OF ALABAMA BIRMINGHAM	8,856	.49
43.	UNIVERSITY OF FLORIDA	8,794	.49
44.	AMERICAN TECHNOLOGY ALLIANCES	(N) 8,431	.47
45.	GEORGE MASON UNIVERSITY	8,423	.47
46.	UNIVERSITY OF WASHINGTON	8,249	.46
47.	COLLEGE OF CHARLESTON	7,987	.44
48.	BROWN UNIVERSITY	7,825	.43
49.	PRINCETON UNIVERSITY	7,670	.43
50.	AEROSPACE CORPORATION	(N) 6,955	.39
51.	MONTANA STATE UNIVERSITY	6,937	.39
52.	UNIVERSITY OF CENTRAL FLORIDA	6,896	.38
53.	CORNELL UNIVERSITY	6,792	.38
54.	GEORGIA TECH RESEARCH CORP.	(N) 6,759	.38
55.	S E T I INSTITUTE	(N) 6,719	.37
56.	OHIO STATE UNIVERSITY	6,569	.36
57.	LOMA LINDA UNIVERSITY	6,499	.36
58.	UNIVERSITY OF MIAMI	6,234	.35
59.	PURDUE UNIVERSITY	6,223	.35
60.	UNIVERSITY CORP ATMOSPHERIC RESRCH	(N) 6,186	.34
61.	UNIVERSITY MINNESOTA MINNPL ST PAUL	6,053	.34
62.	OREGON STATE UNIVERSITY	6,015	.33
63.	UNIVERSITY OF NEW ORLEANS	5,875	.33
64.	COLORADO STATE UNIVERSITY	5,813	.32

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)
LISTED ACCORDING TO TOTAL AWARDS RECEIVED
FISCAL YEAR 2003
(N=Nonprofit Institution)

<u>INSTITUTION</u>	<u>AWARDS</u>	
	<u>(THOUSANDS)</u>	<u>(PERCENT)</u>
65. TECHNOLOGICAL RESEARCH & DEV AUTH	(N) 5,762	.32
66. CASE WESTERN RESERVE UNIVERSITY	5,528	.31
67. CALIFORNIA ASSN RESEARCH ASTRONOMY	(N) 5,507	.31
68. UNIVERSITY OF SOUTHERN CALIFORNIA	5,426	.30
69. WEST VIRGINIA UNIVERSITY	5,421	.30
70. UNIVERSITY OF CALIFORNIA IRVINE	5,331	.30
71. WASHINGTON UNIVERSITY ST. LOUIS	5,242	.29
72. MELWOOD HORTICULTURE TRAINING CTR.	(N) 4,965	.26
73. COLORADO SCHOOL OF MINES	4,963	.28
74. RESEARCH TRIANGLE INSTITUTE	(N) 4,917	.27
75. ROTORCRAFT INDUSTRY TECH ASSOC.	(N) 4,854	.27
76. MISSISSIPPI STATE UNIVERSITY	4,848	.27
77. CHARLES STARK DRAPER LABS	(N) 4,839	.27
78. MORGAN STATE UNIVERSITY	4,729	.26
79. UNIVERSITY OF IOWA	4,553	.25
80. OLD DOMINION UNIV RESEARCH FNDTN	(N) 4,517	.25
81. IOWA STATE UNIVERSITY	4,479	.25
82. INFOTONICS TECHNOLOGY CTR INC.	(N) 4,465	.25
83. UNIVERSITY OF NORTH DAKOTA	4,434	.25
84. UNIVERSITY OF NEW MEXICO	4,414	.25
85. UNIVERSITY CALIFORNIA SANTA BARBARA	4,320	.24
86. NATIONAL SCIENCE TEACHERS ASSN	(N) 4,236	.24
87. ARIZONA STATE UNIVERSITY	4,236	.24
88. UNIVERSITY OF ILLINOIS URBANA	4,235	.24
89. UNIVERSITY OF MISSISSIPPI UNIVERSITY	4,101	.23
90. UNIVERSITY OF SOUTHERN MISSISSIPPI	4,036	.22
91. UNIVERSITY OF TOLEDO	3,885	.22
92. CARNEGIE INSTITUTION OF WASHINGTON	(N) 3,760	.21
93. GEORGIA TECH APPLIED RESEARCH CORP.	(N) 3,665	.20
94. GEORGIA INSTITUTE OF TECHNOLOGY	3,640	.20
95. AMERICAN MUSEUM NATURAL HISTORY	(N) 3,621	.20
96. UNIVERSITY OF CHICAGO	3,593	.20
97. CITY OF HAMPTON	(N) 3,560	.20
98. BOWIE STATE UNIVERSITY	3,551	.20

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)
 LISTED ACCORDING TO TOTAL AWARDS RECEIVED
 FISCAL YEAR 2003
 (N=Nonprofit Institution)

<u>INSTITUTION</u>	<u>AWARDS</u>	
	<u>(THOUSANDS)</u>	<u>(PERCENT)</u>
99. UNIVERSITY MISSOURI ROLLA	3,545	.20
100. INSTITUTE TECHNOLOGY DEVELOPMENT (N)	3,500	.19
**OTHER	121,992	6.78
*Includes other awards over \$25,000 and smaller procurements of \$25,000 or less.		

VII. AWARDS THROUGH OTHER GOVERNMENT AGENCIES

During Fiscal Year 2003, \$601.1 million was awarded through other Government agencies. The following table shows the distribution of these awards by agency.

<u>AWARDS THROUGH OTHER GOVERNMENT AGENCIES</u>		
<u>FISCAL YEAR 2003</u>		
<u>AGENCY</u>	<u>MILLIONS</u>	<u>% OF TOTAL</u>
<u>TOTAL</u>	<u>\$ 601.1</u>	<u>100.0</u>
<u>OVER \$25,000</u>	<u>\$ 560.2</u>	<u>93.2</u>
Air Force	120.4	20.0
Navy	67.7	11.3
Energy Department	107.8	17.9
Army	50.5	8.4
Commerce Department	23.6	3.9
National Science Foundation	14.9	2.5
Interior Department	17.5	2.9
Defense Department	80.3	13.4
Other Government Agencies	77.5	12.9
<u>\$25,000 AND UNDER</u>	<u>\$ 40.9</u>	<u>6.8</u>

VIII. U.S. GEOGRAPHICAL DISTRIBUTION OF AWARDS

In Fiscal Year 2003, 50 states and the District of Columbia participated in NASA's direct awards over \$25,000. These larger awards were distributed among 12,119 contracts and went to 3,422 different organizations in 1,083 different cities. Of the 3,422 organizations, 2,613 are business firms located in 841 cities in 46 states and the District of Columbia; 809 are educational and nonprofit institutions located in 415 cities in 50 states and the District of Columbia (See Page 28). The distribution of awards is also shown by region (See Page 30).

The categorization of NASA procurements by state is based on the location where the items are to be produced or supplied from stock; where the services will be performed; or with respect to construction contracts, the construction site.

U.S. GEOGRAPHICAL DISTRIBUTION
OF NASA PRIME CONTRACT AWARDS
FISCAL YEAR 2003

STATE	TOTAL (THOUSANDS)	BUSINESS (THOUSANDS)	EDUCATIONAL & NONPROFIT (THOUSANDS)
TOTAL	\$11,201,501	\$9,407,946	\$1,793,555
ALABAMA	531,828	477,629	54,199
ALASKA	13,142	0	13,142
ARIZONA	84,368	65,738	18,630
ARKANSAS	1,674	0	1,674
CALIFORNIA	1,778,990	1,429,052	349,938
COLORADO	251,845	188,356	63,489
CONNECTICUT	110,978	101,780	9,198
DELAWARE	2,901	1,402	1,499
DIST COLUMBIA	96,111	55,998	40,113
FLORIDA	800,592	764,069	36,523
GEORGIA	31,443	8,341	23,102
HAWAII	18,593	722	17,871
IDAHO	3,949	397	3,552
ILLINOIS	18,643	4,214	14,429
INDIANA	30,704	24,818	5,886
IOWA	11,746	2,071	9,675
KANSAS	3,252	332	2,920
KENTUCKY	7,105	871	6,234
LOUISIANA	323,546	309,081	14,465
MAINE	1,979	0	1,979
MARYLAND	1,143,802	787,837	355,965
MASSACHUSETTS	193,778	52,456	141,322
MICHIGAN	17,328	4,028	13,300
MINNESOTA	13,267	6,949	6,318
MISSISSIPPI	140,727	119,275	21,452
MISSOURI	16,465	3,779	12,686
MONTANA	9,515	1,306	8,209
NEBRASKA	2,855	70	2,785
NEVADA	3,810	529	3,281
NEW HAMPSHIRE	25,948	10,523	15,425
NEW JERSEY	57,121	41,735	15,386
NEW MEXICO	81,711	57,566	24,145
NEW YORK	63,904	19,158	44,746
NORTH CAROLINA	28,982	17,318	11,664
NORTH DAKOTA	4,845	0	4,845
OHIO	243,072	192,269	50,803
OKLAHOMA	22,441	1,931	20,510
OREGON	10,968	3,269	7,699
PENNSYLVANIA	39,588	13,076	26,512
RHODE ISLAND	10,500	1,105	9,395
SOUTH CAROLINA	15,968	1,316	14,652
SOUTH DAKOTA	1,302	37	1,265
TENNESSEE	22,123	13,499	8,624
TEXAS	3,790,849	3,687,017	103,832
UTAH	423,636	397,062	26,574

VERMONT	1,612	701	911
VIRGINIA	593,992	505,064	88,928
WASHINGTON	13,525	4,535	8,990
WEST VIRGINIA	61,295	19,820	41,475
WISCONSIN	21,856	9,621	12,235
WYOMING	1,327	224	1,103

NOTE: Excludes smaller procurements, generally those of \$25,000 or less; also excludes awards placed through other Government agencies, awards outside the U.S. and actions on JPL contracts.

U.S. GEOGRAPHICAL DISTRIBUTION
OF NASA PRIME CONTRACT AWARDS
Fiscal Year 2003

GRAND TOTAL 11,434,407

Region & State	Total
NEW ENGLAND	343,572
Maine	1,979
Vermont	1,612
Rhode Island	10,500
Massachusetts	192,555
Connecticut	110,978
New Hampshire	25,948
MIDEAST	1,402,660
Maryland	1,143,602
New Jersey	57,121
New York	63,534
Pennsylvania	39,588
Delaware	2,790
Dist Columbia	96,025
SOUTHEAST	2,558,748
Alabama	531,828
Arkansas	1,674
Florida	800,065
Georgia	31,443
Louisiana	323,546
Mississippi	140,727
North Carolina	28,982
Tennessee	22,123
Virginia	593,992
West Virginia	61,295
Kentucky	7,105
South Carolina	15,968
GREAT LAKES	331,603

Region & State	Total
PLAINS	53,732
North Dakota	4,845
South Dakota	1,302
Nebraska	2,855
Kansas	3,252
Minnesota	13,267
Iowa	11,746
Missouri	16,465
SOUTHWEST	3,979,159
Arizona	84,368
New Mexico	81,568
Oklahoma	22,441
Texas	3,790,782
ROCKY MOUNTAIN	690,272
Colorado	251,845
Utah	423,636
Idaho	3,949
Montana	9,515
Wyoming	1,327
FAR WEST	2,042,926
Washington	13,525
California	2,014,623
Oregon	10,968
Nevada	3,810
ALASKA & HAWAII	31,735
Alaska	13,142
Hawaii	18,593

IX. AWARDS PLACED OUTSIDE THE UNITED STATES*

During Fiscal Year 2003, NASA placed \$72.2 million in awards that are being performed outside the United States.

As indicated in the following tabulation, \$72.2 million represented NASA awards and \$957,000 constituted awards placed through other Government agencies. The awards are being performed in eighteen countries and three U.S. territories.

<u>Place of Performance</u>	<u>(Thousands)</u>
<u>Total</u>	<u>\$72,249</u>
<u>Direct NASA Awards</u>	<u>\$71,292</u>
Australia	12,566
Canada	29,180
Chile	318
Denmark	144
France	277
Germany	997
Ireland	32
Italy	11,335
Japan	139
Netherlands	45
Norway	59
Peru	155
Puerto Rico	4,675
Russia	534
Spain	10,036
Sweden	388
United Kingdom	412
<u>Awards Place Through</u>	
<u>Other Government Agencies</u>	<u>\$957</u>
Guam	697
Puerto Rico	147
United Kingdom	113

*Excludes smaller procurements, generally those of \$25,000 or less.

X. PROCUREMENT ACTIVITY BY INSTALLATION

Most of NASA's purchases and contracts are made by the procurement offices of its field installations. During Fiscal Year 2003, these offices accounted for 99 percent of the total procurement dollars.

<u>INSTALLATION</u>	<u>AWARD (MILLIONS)</u>	<u>PERCENT</u>
TOTAL	<u>\$13,273.7</u>	<u>100.0</u>
Johnson Space Center	4,090.4	30.8
Goddard Space Flight Center	2,403.8	18.1
Marshall Space Flight Center	2,219.3	16.7
NASA Management Office/JPL	1,318.8	9.9
Kennedy Space Center	863.4	6.5
Ames Research Center	588.2	4.5
Glenn Research Center	567.8	4.3
Langley Research Center	525.4	4.0
Headquarters	344.9	2.6
Stennis Space Center	203.0	1.5
Dryden Flight Research Center	148.7	1.1

GLOSSARY

The data contained in this publication were compiled on the basis of the definitions given below:

1. Sealed Bids - Procurement actions resulting from acceptance of bids made by contractors in response to invitations for bid.
2. Award - See procurement action.
3. Coverage
 - a. Summary data are provided in terms of obligations on all procurement actions (see item 8). The obligation data are obtained from the agency's fiscal records.
 - b. Detailed data - Information on procurements includes all contracts, grants, agreements and all other procurements over \$25,000. Wherever exclusions apply, a generalized footnote is provided, e.g., "excludes smaller procurements, generally those of \$25,000 or less".
4. Intragovernmental - Procurement actions placed through other Government agencies; except orders placed under Federal Supply Schedule contracts and awards to small disadvantaged business through the Small Business Administration under Section 8(a) of the Small Business Act.
5. Modifications - Any written alteration in the specifications, delivery point, contract period, price, quantity, or other contract requirement of an existing contract, whether accomplished by unilateral action in accordance with a contract clause or by mutual agreement of the parties to the contract. It includes (a) bilateral actions, such as supplemental agreements, and (b) unilateral actions, such as change orders, notices of termination, and notices of the exercise of an option.
6. Competitive - Procurements where offers are solicited from more than one responsible offeror capable of satisfying the Government's requirements wholly or partially, and the award or awards were made on the basis of price, design, or technical competition.
7. Other Than Competitive - Procurements where an offer was solicited and received from only one responsible offeror capable of satisfying the Government's requirements wholly or partially. (Includes contracts resulting from unsolicited proposals.)
8. Procurement Action (Award) - Any contractual action to obtain supplies, services or construction that increases or decreases funds, including:

- a. Letter contracts or other preliminary notices of negotiated awards.
 - b. Definitive contracts, including purchase orders.
 - c. Orders under GSA Federal Supply Schedule contracts, basic ordering agreements, and against indefinite delivery type contracts.
 - d. Intragovernmental orders.
 - e. Grants.
 - f. Cooperative and Space Act Agreements.
 - g. Supplemental agreements, change orders, administrative changes and termination's to existing procurements.
9. Small Business - For purposes of Government procurement, is a profit making concern, including its affiliates, which is independently owned and operated, is not dominant in its field and further qualifies under the size standards criteria of the Small Business Administration (SBA). These criteria are published under Title 13 of the Code of Federal Regulations, Section 121.3-8, and in the Federal Acquisition Regulation, Part 19, Subpart 19.1. For service industries, the size standard generally is based on average annual receipts over a three-year period, depending on the service to be procured. Generally, in the case of agricultural or manufactured products, the size standards are determined on the basis of number of employees. The applicable size standard is prescribed in each NASA solicitation.

APPENDIXES

DISTRIBUTION OF DIRECT NASA PROCUREMENTS

FISCAL YEARS 1961 - 1970

TYPE	FY 1961	FY 1962	FY 1963	FY 1964	FY 1965	FY 1966	FY 1967	FY 1968	FY 1969	FY 1970
Net Value of Awards (Millions)										
<u>Total</u>	<u>\$755.5</u>	<u>\$1,550.6</u>	<u>\$3,230.5</u>	<u>\$4,593.9</u>	<u>\$5,187.4</u>	<u>\$5,031.6</u>	<u>\$4,650.9</u>	<u>\$4,132.7</u>	<u>\$3,652.0</u>	<u>\$3,405.6</u>
Business Firms	423.3	1,030.1	2,261.7	3,521.1	4,141.4	4,087.7	3,864.1	3,446.7	3,022.3	2,759.2
Educational	24.5	50.2	86.9	112.9	139.5	150.0	132.9	131.5	131.3	134.3
Nonprofit			15.3	29.1	25.3	27.7	39.6	33.6	32.3	33.0
JPL	86.0	148.5	230.2	226.2	247.2	230.3	222.2	207.2	156.3	179.8
Government	221.7	321.8	628.5	692.6	622.8	512.5	366.9	287.0	279.0	265.8
Outside U.S.	*	*	7.9	12.0	11.2	23.4	25.2	26.7	30.8	33.5
Percent of Total										
<u>Total</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
Business Firms	56	66	70	77	79	81	83	83	83	81
Educational	3	3	3	2	3	3	3	3	4	4
Nonprofit			**	1	1	1	1	1	1	1
JPL	12	10	7	5	5	5	5	5	4	5
Government	29	21	20	15	12	10	8	7	7	8
Outside U.S.	*	*	**	**	**	**	**	1	1	1

*Included in Government. ** Less than 0.5 percent.

APPENDIX I

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1971 - 1979

TYPE	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	
Net Value of Awards (Millions)										
<u>Total</u>	<u>\$2,858.2</u>	<u>\$2,737.8</u>	<u>\$2,673.4</u>	<u>\$2,713.6</u>	<u>\$2,866.4</u>	<u>\$3,204.6</u>	<u>\$829.8</u>	<u>\$3,532.3</u>	<u>\$3,659.6</u>	<u>\$4,211.8</u>
Business Firms	2,279.5	2,143.3	2,063.8	2,118.6	2,255.0	2,536.1	663.2	2,838.1	2,953.8	3,416.4
Educational	133.9	118.8	111.7	97.8	111.4	123.0	27.7	125.5	137.2	147.2
Nonprofit	29.3	28.0	26.4	39.3	33.0	32.0	7.6	32.0	42.8	50.8
JPL	173.3	210.8	202.3	215.2	234.5	263.7	63.6	289.0	283.8	338.6
Government	212.5	207.8	235.2	208.6	198.3	222.4	63.9	223.2	216.0	221.4
Outside U.S.	29.7	29.1	34.0	34.1	34.2	27.4	3.8	24.5	26.0	37.4
Percent of Total										
<u>Total</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
Business Firms	80	78	77	78	79	79	80	80	81	81
Educational	5	4	4	4	4	4	3	4	4	4
Nonprofit	1	1	1	1	1	1	1	1	1	1
JPL	6	8	8	8	8	8	8	8	8	8
Government	7	8	9	8	7	7	8	6	5	5
Outside U.S.	1	1	1	1	1	1	*	1	1	1

* Less than 0.5 percent.

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1980 - 1989

TYPE	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989
Net Value of Awards (Millions)										
<u>Total</u>	<u>\$4,842.6</u>	<u>\$5,408.3</u>	<u>\$5,883.7</u>	<u>\$6,796.8</u>	<u>\$7,354.1</u>	<u>\$8,298.0</u>	<u>\$8,179.7</u>	<u>\$8,609.8</u>	<u>\$9,545.1</u>	<u>\$10,876.4</u>
Business Firms	3,868.3	4,272.8	4,805.6	5,586.0	5,967.4	6,652.9	6,356.0	6,540.5	7,274.9	8,567.6
Educational	177.0	192.5	187.0	211.3	222.6	256.9	276.6	315.4	370.3	464.2
Nonprofit	82.2	155.1	108.8	102.5	98.6	103.1	119.0	119.1	129.5	180.0
JPL	397.2	410.8	426.3	454.9	533.1	724.6	891.3	1,005.6	979.9	1,058.1
Government	271.8	321.9	308.1	394.2	494.3	525.1	489.7	594.9	734.6	543.2
Outside U.S.	46.1	55.2	47.9	47.9	38.1	35.4	47.1	34.3	55.9	63.3
Percent of Total										
<u>Total</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
Business Firms	80	79	82	82	81	80	78	76	76	79
Educational	3	3	3	3	3	3	3	4	4	4
Nonprofit	2	3	2	1	1	1	1	1	1	2
JPL	8	8	7	7	7	9	11	12	10	10
Government	6	6	5	6	7	6	6	7	8	5
Outside U.S.	1	1	1	1	1	1	1	*	1	*

* Less than 0.5 percent.

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1990 - 1999

TYPE	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
	Net Value of Awards (Millions)									
<u>Total</u>	<u>\$12,565.2</u>	<u>\$13,159.0</u>	<u>\$13,478.2</u>	<u>\$13,160.4</u>	<u>\$12,913.1</u>	<u>\$13,341.4</u>	<u>\$12,699.2</u>	<u>\$12,789.5</u>	<u>\$12,561.2</u>	<u>\$12,674.6</u>
Business Firms	10,071.5	10,417.3	10,716.7	10,497.9	9,965.7	10,311.5	9,800.8	9,817.2	9,550.5	9,386.5
Educational	513.6	592.0	659.3	707.8	730.9	814.4	745.7	807.7	898.1	1,019.0
Nonprofit	200.6	244.0	297.8	336.6	311.0	311.1	287.9	383.4	406.3	431.2
JPL	1,106.8	1,139.6	1,229.6	1,029.8	1,093.4	1,135.0	1,188.3	1,126.2	1,171.3	1,294.6
Government	610.4	693.4	498.6	508.4	642.6	562.7	484.7	464.3	407.7	389.6
Outside U.S.	62.3	72.7	76.2	79.9	169.5	206.7	191.8	190.7	127.3	153.7
	Percent of Total									
<u>Total</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
Business Firms	80	79	79	80	77	77	77	77	76	74
Educational	4	4	5	5	6	6	6	6	7	8
Nonprofit	2	2	2	3	2	2	2	3	3	4
JPL	9	9	9	8	9	9	9	9	9	10
Government	5	5	4	4	5	4	4	4	4	3
Outside U.S.	*	1	1	*	1	2	2	1	1	1

* Less than 0.5 percent.

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 2000 - 2003

TYPE	FY 2000	FY 2001	FY 2002	FY 2003						
<u>Total</u>	<u>\$12,504.7</u>	<u>\$12,748.1</u>	<u>\$13,302.5</u>	<u>\$13,273.7</u>						
Business Firms	9,272.8	9,209.7	9,568.9	9,510.4						
Educational	995.1	1,083.9	1,194.0	1,224.6						
Nonprofit	465.8	523.4	582.5	575.5						
JPL	1,291.3	1,451.7	1,404.1	1,290.4						
Government	382.4	382.0	486.1	601.1						
Outside U.S.	97.3	97.4	66.9	71.6						
<u>Total</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>						
Business Firms	74	72	72	69						
Educational	8	9	9	13						
Nonprofit	4	4	4	5						
JPL	10	11	11	8						
Government	3	3	3	5						
Outside U.S.	1	1	1	0						

* Less than 0.5 percent.

COMPETITION IN NASA AWARDS TO BUSINESS FIRMS

FISCAL YEARS 1961 - 1970

TYPE OF ACTION	FY 1961	FY 1962	FY 1963	FY 1964	FY 1965	FY 1966	FY 1967	FY 1968	FY 1969	FY 1970
Net Value of Awards (Millions)										
<u>Total Business</u>	<u>\$423.3</u>	<u>\$1,030.1</u>	<u>\$2,261.7</u>	<u>\$3,521.1</u>	<u>\$4,141.4</u>	<u>\$4,087.7</u>	<u>\$3,864.1</u>	<u>\$3,446.7</u>	<u>\$3,022.3</u>	<u>\$2,759.2</u>
New Awards*	**	322.6	758.6	685.4	629.2	536.4	694.7	483.7	496.5	619.7
Modifications	**	707.5	1,503.1	2,835.7	3,512.2	3,551.3	3,169.4	2,963.0	2,525.8	2,139.5
<u>Competitive</u>	<u>276.8</u>	<u>565.8</u>	<u>1,302.0</u>	<u>2,119.5</u>	<u>2,630.1</u>	<u>2,692.5</u>	<u>2,698.4</u>	<u>2,185.1</u>	<u>1,632.7</u>	<u>1,628.7</u>
New Awards*	**	167.1	427.1	375.9	334.5	304.2	325.2	271.9	186.7	277.5
Modifications	**	398.7	874.9	1,743.6	2,295.6	2,388.3	2,373.2	1,913.2	1,446.0	1,351.2
<u>Noncompetitive</u>	<u>146.5</u>	<u>464.3</u>	<u>959.7</u>	<u>1,401.6</u>	<u>1,511.3</u>	<u>1,395.2</u>	<u>1,165.7</u>	<u>1,261.6</u>	<u>1,389.6</u>	<u>1,130.5</u>
New Awards*	**	155.5	331.5	309.5	294.7	232.2	369.5	211.8	309.8	342.2
Modifications	**	308.8	628.2	1,092.1	1,216.6	1,163.0	796.2	1,049.8	1,079.8	788.3
Percent of Total										
<u>Total Business</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
New Awards*	**	31	34	20	15	13	18	14	16	22
Modifications	**	69	66	80	85	87	82	86	84	78
<u>Competitive</u>	<u>65</u>	<u>55</u>	<u>58</u>	<u>60</u>	<u>63</u>	<u>66</u>	<u>70</u>	<u>63</u>	<u>54</u>	<u>59</u>
New Awards*	**	16	19	11	8	7	8	8	6	10
Modifications	**	39	39	49	55	59	62	55	48	49
<u>Noncompetitive</u>	<u>35</u>	<u>45</u>	<u>42</u>	<u>40</u>	<u>37</u>	<u>34</u>	<u>30</u>	<u>37</u>	<u>46</u>	<u>41</u>
New Awards*	**	15	15	9	7	6	10	6	10	12
Modifications	**	30	27	31	30	28	20	31	36	29
* Data on new contracts are restricted to contracts of \$10,000 and over.										
** Data not compiled.										

COMPETITION IN NASA AWARDS TO BUSINESS FIRMS (Cont'd)

FISCAL YEARS 1971 - 1979

TYPE OF ACTION	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	
Net Value of Awards (Millions)										
<u>Total Business</u>	<u>\$2,279.5</u>	<u>\$2,143.3</u>	<u>\$2,063.8</u>	<u>\$2,118.6</u>	<u>\$2,255.0</u>	<u>\$2,536.1</u>	<u>\$663.2</u>	<u>\$2,838.1</u>	<u>\$2,953.8</u>	<u>\$3,416.4</u>
New Awards*	563.0	462.5	489.5	552.4	452.0	486.3	76.4	552.5	633.1	516.6
Modifications	1,716.5	1,680.8	1,574.3	1,566.2	1,803.0	2,049.8	586.8	2,285.6	2,320.7	2,899.8
<u>Competitive</u>	<u>1,331.8</u>	<u>1,311.8</u>	<u>1,275.6</u>	<u>1,394.9</u>	<u>1,554.6</u>	<u>1,879.5</u>	<u>490.9</u>	<u>2,060.4</u>	<u>2,111.5</u>	<u>2,541.1</u>
New Awards*	306.6	257.0	308.1	279.5	223.9	291.3	46.8	301.7	362.1	304.0
Modifications	1,025.2	1,054.8	967.5	1,115.4	1,330.7	1,588.2	444.1	1,758.7	1,749.4	2,237.1
<u>Noncompetitive</u>	<u>947.7</u>	<u>831.5</u>	<u>788.2</u>	<u>723.7</u>	<u>700.4</u>	<u>656.6</u>	<u>172.3</u>	<u>777.7</u>	<u>842.3</u>	<u>875.3</u>
New Awards*	256.4	205.5	181.4	272.9	228.1	195.0	29.6	250.8	271.0	212.6
Modifications	691.3	626.0	606.8	450.8	472.3	461.6	142.7	526.9	571.3	662.7
Percent of Total										
<u>Total Business</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
New Awards*	24	22	24	26	20	19	11	20	22	15
Modifications	76	78	76	74	80	81	89	80	78	85
<u>Competitive</u>	<u>58</u>	<u>61</u>	<u>62</u>	<u>66</u>	<u>69</u>	<u>74</u>	<u>74</u>	<u>73</u>	<u>72</u>	<u>74</u>
New Awards*	13	12	15	13	10	11	7	11	13	9
Modifications	45	49	47	53	59	63	67	62	59	65
<u>Noncompetitive</u>	<u>42</u>	<u>39</u>	<u>38</u>	<u>34</u>	<u>31</u>	<u>26</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>26</u>
New Awards*	11	10	9	13	10	8	4	9	9	6
Modifications	31	29	29	21	21	18	22	18	19	20
* Data on new contracts are restricted to contracts of \$10,000 and over.										

COMPETITION IN NASA AWARDS

FISCAL YEARS 1986 - 1995

TYPE OF ACTION	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995
Net Value of Awards (Millions)										
<u>Total Available</u>	<u>\$7,310.3</u>	<u>\$6,575.3</u>	<u>\$7,350.4</u>	<u>\$8,705.5</u>	<u>\$10,202.3</u>	<u>\$10,562.7</u>	<u>\$10,877.3</u>	<u>\$10,649.1</u>	<u>\$10,138.4</u>	<u>\$10,525.6</u>
<u>Competed</u>	<u>4,950.1</u>	<u>5,031.7</u>	<u>5,890.3</u>	<u>6,995.8</u>	<u>8,318.4</u>	<u>8,169.8</u>	<u>8,660.9</u>	<u>8,635.6</u>	<u>7,202.3</u>	<u>6,944.6</u>
New Awards	772.5	827.3	1,091.0	891.7	1,059.6	679.5	699.1	766.7	1,155.9	874.2
Modifications	4,177.6	4,204.4	4,799.3	6,104.1	7,258.8	7,490.3	7,961.8	7,868.9	6,046.4	6,070.4
<u>Not Competed</u>	<u>2,143.1</u>	<u>1,445.7</u>	<u>1,279.4</u>	<u>1,376.3</u>	<u>1,338.5</u>	<u>782.8</u>	<u>780.2</u>	<u>699.0</u>	<u>1,790.2</u>	<u>2,532.2</u>
New Awards	289.4	404.5	193.0	214.7	244.5	123.6	161.8	241.4	1,267.9	456.5
Modifications	1,853.7	1,041.2	1,086.4	1,161.6	1,094.0	659.2	618.4	457.6	522.3	2,075.7
<u>Follow-On</u>	<u>217.1</u>	<u>97.9</u>	<u>180.7</u>	<u>333.4</u>	<u>545.4</u>	<u>1,610.1</u>	<u>1,436.2</u>	<u>1,314.5</u>	<u>1,145.9</u>	<u>1,048.8</u>
New Awards	15.1	0.5	160.1	1.2	138.4	595.5	6.8	0.5	9.9	106.5
Modifications	202.0	97.4	20.6	332.2	407.0	1,014.6	1,429.4	1,314.0	1,136.0	942.3
Percent of Total										
<u>Total Available</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Competed</u>	<u>67.7</u>	<u>76.5</u>	<u>80.1</u>	<u>80.4</u>	<u>81.5</u>	<u>77.3</u>	<u>79.6</u>	<u>81.1</u>	<u>71.0</u>	<u>66.0</u>
New Awards	10.6	12.6	14.8	10.3	10.4	6.4	6.4	7.2	11.4	8.3
Modifications	57.1	63.9	65.3	70.1	71.1	70.9	73.2	73.9	59.6	57.7
<u>Not Competed</u>	<u>29.3</u>	<u>22.0</u>	<u>17.4</u>	<u>15.8</u>	<u>13.1</u>	<u>7.4</u>	<u>7.2</u>	<u>6.6</u>	<u>17.7</u>	<u>24.0</u>
New Awards	3.9	6.2	2.6	2.5	2.4	1.2	1.5	2.3	12.5	4.3
Modifications	25.4	15.8	14.8	13.3	10.7	6.2	5.7	4.3	5.2	19.7
<u>Follow-On</u>	<u>3.0</u>	<u>1.5</u>	<u>2.5</u>	<u>3.8</u>	<u>5.4</u>	<u>15.3</u>	<u>13.2</u>	<u>12.3</u>	<u>11.3</u>	<u>10.0</u>
New Awards	0.2	*	2.2	*	1.4	5.7	0.1	*	0.1	1.0
Modifications	2.8	1.5	0.3	3.8	4.0	9.6	13.1	12.3	11.2	9.0

* Less than .05 percent.

COMPETITION IN NASA AWARDS

FISCAL YEARS 1996 - 2003

TYPE OF ACTION	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003		
Net Value of Awards (Millions)										
<u>Total Available</u>	<u>\$10,064.4</u>	<u>\$10,004.8</u>	<u>\$9,696.2</u>	<u>\$9,635.0</u>	<u>\$9,626.9</u>	<u>\$9,690.6</u>	<u>\$10,124.5</u>	<u>\$10,393.3</u>		
<u>Competed</u>	<u>6,486.7</u>	<u>5,399.4</u>	<u>5,255.3</u>	<u>5,459.6</u>	<u>5,384.4</u>	<u>5,743.9</u>	<u>5,763.5</u>	<u>5,979.0</u>		
New Awards	951.1	750.2	792.6	803.4	1,065.2	1,041.6	752.1	861.5		
Modifications	5,535.6	4,649.2	4,462.7	4,656.2	4,319.2	4,702.3	5,011.4	5,117.5		
<u>Not Competed</u>	<u>2,661.2</u>	<u>3,816.1</u>	<u>3,643.1</u>	<u>3,325.3</u>	<u>3,512.4</u>	<u>3,482.7</u>	<u>3,858.8</u>	<u>3,857.6</u>		
New Awards	283.5	177.8	182.5	128.2	312.1	140.4	387.3	405.8		
Modifications	2,377.7	3,638.3	3,460.6	3,197.1	3,200.3	3,342.3	3,471.5	3,451.8		
<u>Follow-On</u>	<u>916.4</u>	<u>789.3</u>	<u>797.8</u>	<u>850.1</u>	<u>730.1</u>	<u>464.0</u>	<u>502.2</u>	<u>556.7</u>		
New Awards	0.5	12.3	65.0	208.1	299.8	6.4	1.9	81.1		
Modifications	915.9	777.0	732.8	642.0	430.3	457.6	500.3	475.6		
Percent of Total										
<u>Total Available</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>		
<u>Competed</u>	<u>64.5</u>	<u>54.0</u>	<u>54.2</u>	<u>56.7</u>	<u>56.0</u>	<u>59.3</u>	<u>56.9</u>	<u>57.5</u>		
New Awards	9.5	7.5	8.2	8.4	11.1	10.8	7.4	8.3		
Modifications	55.0	46.5	46.0	48.3	44.9	48.5	49.5	49.2		
<u>Not Competed</u>	<u>26.4</u>	<u>38.1</u>	<u>37.6</u>	<u>34.5</u>	<u>36.5</u>	<u>35.9</u>	<u>38.1</u>	<u>37.1</u>		
New Awards	2.8	1.7	1.9	1.3	3.3	1.4	3.8	3.9		
Modifications	23.6	36.4	35.7	33.2	33.2	34.5	34.3	33.2		
<u>Follow-On</u>	<u>9.1</u>	<u>7.9</u>	<u>8.2</u>	<u>8.8</u>	<u>7.5</u>	<u>4.8</u>	<u>5.0</u>	<u>5.4</u>		
New Awards	0.0	0.1	0.7	2.1	3.1	0.1	0.1	0.8		
Modifications	9.1	7.8	7.5	6.7	4.4	4.7	4.9	4.6		

* Less than .05 percent.

SMALL BUSINESS PARTICIPATION IN NASA PROCUREMENTS

FISCAL YEARS 1961 - 1990
(Millions of Dollars)

	FY 1961	FY 1962	FY 1963	FY 1964	FY 1965	FY 1966	FY 1967	FY 1968	FY 1969	FY 1970
<u>TOTAL BUSINESS</u>	<u>\$423.3</u> *	<u>\$1,030.1</u> *	<u>\$2,261.7</u>	<u>\$3,521.1</u>	<u>\$4,141.4</u>	<u>\$4,087.7</u>	<u>\$3,864.1</u>	<u>\$3,446.1</u>	<u>\$3,022.3</u>	<u>\$2,759.2</u>
<u>SMALL BUSINESS</u>	<u>63.5</u>	<u>123.6</u>	<u>191.3</u>	<u>240.3</u>	<u>286.3</u>	<u>255.9</u>	<u>216.9</u>	<u>189.6</u>	<u>162.8</u>	<u>161.2</u>
% OF TOTAL	15.0	12.0	8.5	6.8	6.9	6.3	5.6	5.5	5.4	5.8
<u>SET-ASIDES</u>	<u>6.0</u>	<u>14.0</u>	<u>26.0</u>	<u>39.5</u>	<u>67.4</u>	<u>50.6</u>	<u>45.7</u>	<u>34.0</u>	<u>31.4</u>	<u>35.7</u>
% OF TOTAL	1.4	1.3	1.1	1.1	1.6	1.2	1.2	1.0	1.0	1.3
% OF SMALL	9.4	11.3	13.6	16.4	23.5	19.8	21.1	17.9	19.3	22.1
	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980
<u>TOTAL BUSINESS</u>	<u>\$2,279.5</u>	<u>\$2,143.3</u>	<u>\$2,063.8</u>	<u>\$2,118.6</u>	<u>\$2,255.0</u>	<u>\$2,536.1</u>	<u>\$2,838.1</u>	<u>\$2,953.8</u>	<u>\$3,416.4</u>	<u>\$3,868.3</u>
<u>SMALL BUSINESS</u>	<u>178.1</u>	<u>160.9</u>	<u>155.3</u>	<u>181.2</u>	<u>216.0</u>	<u>218.3</u>	<u>255.0</u>	<u>281.5</u>	<u>325.4</u>	<u>384.6</u>
% OF TOTAL	7.8	7.5	7.5	8.6	9.6	8.6	9.0	9.5	9.5	9.9
<u>SET-ASIDES</u>	<u>41.1</u>	<u>45.1</u>	<u>47.3</u>	<u>61.5</u>	<u>62.6</u>	<u>66.8</u>	<u>83.7</u>	<u>92.5</u>	<u>99.4</u>	<u>175.2</u>
% OF TOTAL	1.9	2.1	2.3	3.0	2.8	2.6	3.0	3.1	3.0	4.5
% OF SMALL	23.1	28.0	30.5	33.9	29.0	30.6	32.8	32.9	30.5	45.6
	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990
<u>TOTAL BUSINESS</u>	<u>\$4,272.8</u>	<u>\$4,805.6</u>	<u>\$5,586.0</u>	<u>\$5,967.4</u>	<u>\$6,652.9</u>	<u>\$6,356.0</u>	<u>\$6,540.5</u>	<u>\$7,274.9</u>	<u>\$8,567.6</u>	<u>\$10,071.5</u>
<u>SMALL BUSINESS</u>	<u>409.4</u>	<u>430.1</u>	<u>482.3</u>	<u>556.2</u>	<u>644.7</u>	<u>671.3</u>	<u>786.3</u>	<u>801.4</u>	<u>857.3</u>	<u>924.3</u>
% OF TOTAL	9.6	8.9	8.6	9.3	9.7	10.6	12.0	11.0	10.0	9.2
<u>SET-ASIDES</u>	<u>195.8</u>	<u>209.3</u>	<u>212.0</u>	<u>222.5</u>	<u>270.0</u>	<u>260.9</u>	<u>297.2</u>	<u>326.1</u>	<u>322.5</u>	<u>307.3</u>
% OF TOTAL	4.6	4.4	3.8	3.7	4.1	4.1	4.5	4.5	3.8	3.1
% OF SMALL	47.8	48.6	43.9	40.0	41.9	38.9	37.8	40.7	37.6	33.2

* Excludes procurements placed under General Services Administration contracts.

SMALL BUSINESS PARTICIPATION IN NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1991 - 2003

(Millions of Dollars)

	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000
<u>TOTAL BUSINESS</u>	<u>\$10,417.3</u>	<u>\$10,716.7</u>	<u>\$10,497.9</u>	<u>\$9,965.7</u>	<u>\$10,311.5</u>	<u>\$9,800.8</u>	<u>\$9,817.2</u>	<u>\$9,550.5</u>	<u>\$9,386.5</u>	<u>\$9,272.8</u>
<u>SMALL BUSINESS</u>	<u>968.3</u>	<u>1,010.6</u>	<u>1,060.7</u>	<u>1,150.2</u>	<u>1,171.2</u>	<u>1,162.5</u>	<u>1,244.2</u>	<u>1,218.3</u>	<u>1,287.0</u>	<u>1,485.5</u>
% OF TOTAL	9.3	9.4	10.1	11.5	11.4	11.9	12.7	12.8	13.7	16.0
<u>SET-ASIDES</u>	<u>324.3</u>	<u>274.9</u>	<u>315.1</u>	<u>330.4</u>	<u>366.7</u>	<u>348.5</u>	<u>429.4</u>	<u>457.2</u>	<u>530.4</u>	<u>565.1</u>
% OF TOTAL	3.1	2.6	3.0	3.3	3.6	3.6	4.4	4.8	5.6	6.1
% OF SMALL	33.5	27.2	29.7	28.7	31.3	30.0	34.5	37.5	41.2	38.1
	FY 2001	FY 2002	FY 2003							
<u>TOTAL BUSINESS</u>	<u>\$9,209.7</u>	<u>\$9,568.9</u>	<u>\$9,510.4</u>							
<u>SMALL BUSINESS</u>	<u>1,609.9</u>	<u>1,680.0</u>	<u>1,600.1</u>							
% OF TOTAL	17.5	17.6	16.8							
<u>SET-ASIDES</u>	<u>568.1</u>	<u>582.4</u>	<u>477.9</u>							
% OF TOTAL	6.2	6.1	5.0							
% OF SMALL	35.3	34.6	29.8							
<u>TOTAL BUSINESS</u>										
<u>SMALL BUSINESS</u>										
% OF TOTAL										
<u>SET-ASIDES</u>										
% OF TOTAL										
% OF SMALL										