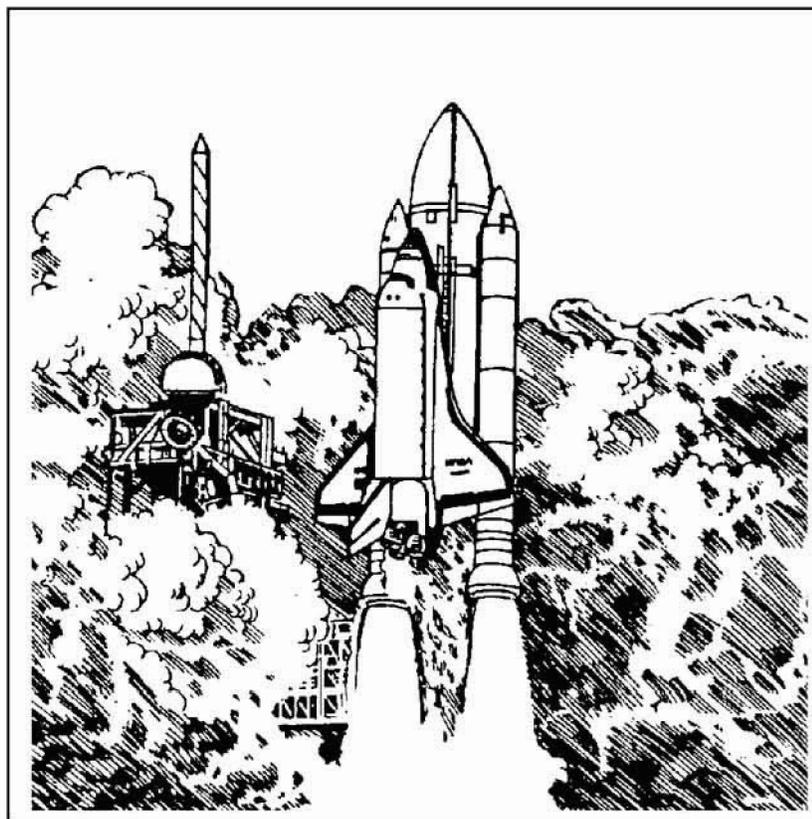




# ANNUAL PROCUREMENT REPORT

Fiscal Year 2011

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## INTRODUCTION

This report presents summary data on all NASA procurement actions and detailed information on contracts, grants, cooperative agreements, and other procurements awarded by NASA during Fiscal Year 2011 using appropriated funds. All data was pulled from the Federal Procurement Data System (FPDS)\* with the exception of awards made through other Government agencies, which was obtained from NASA's financial system, SAP.

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 via email to [Procurement@hq.nasa.gov](mailto:Procurement@hq.nasa.gov), or in writing to:

National Aeronautics and Space Administration  
Office of Procurement  
Washington, DC 20546

\*Data as of November 2011

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## I. TOTAL PROCUREMENTS

Fiscal Year 2011 – NASA’s procurements totaled \$16,699.4 million. The number of procurement actions totaled 51,285.

TRENDS IN  
 PROCUREMENT OBLIGATIONS VS. TOTAL NASA OBLIGATIONS\*  
 FISCAL YEARS 2007-2011  
 (MILLIONS OF DOLLARS)

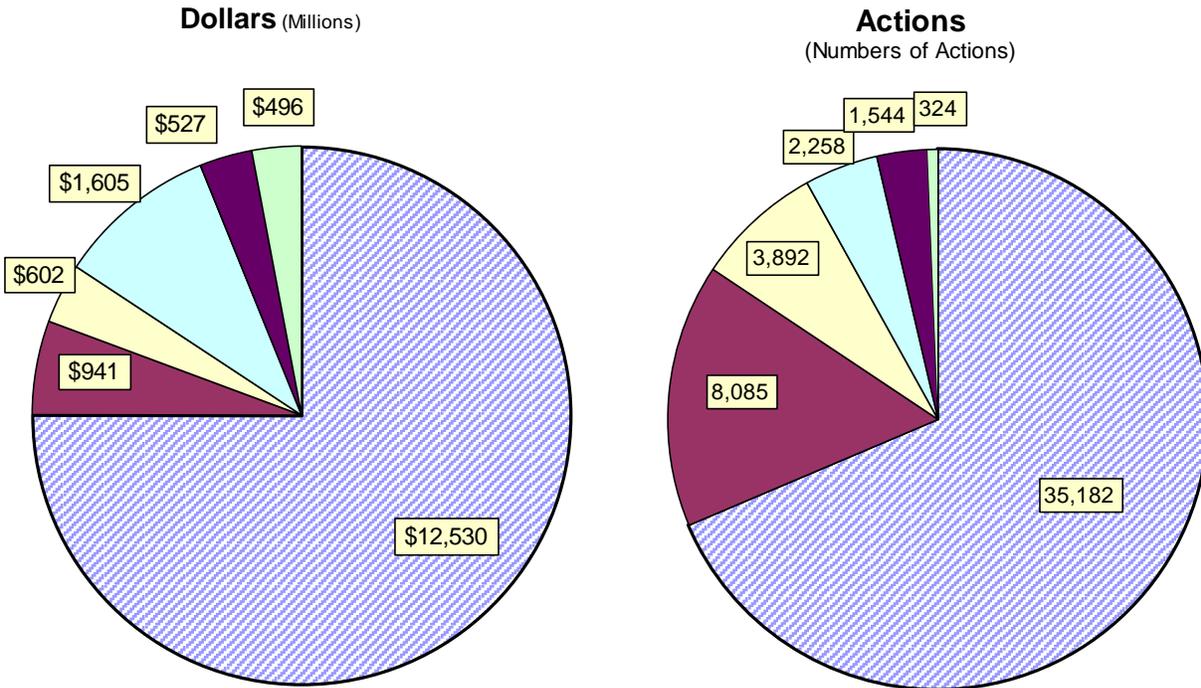
Fiscal Year	Total NASA Obligations	Procurement Obligations	
		Amount	% of Total Obligations
2011	\$20,639.3	\$16,699.4	80.9%
2010	\$20,893.5	\$17,417.4	83.4%
2009	\$20,181.2	\$16,727.0	82.9%
2008	\$20,299.5	\$16,785.4	82.7%
2007	\$17,651.4	\$14,363.3	81.4%

\*Total NASA obligations include salaries, benefits, and travel of NASA employees, as well as 102,169 purchase card transactions in the amount of \$69.4 million. Procurement obligations exclude Funded Space Act Agreements which are done outside of the procurement office.

## II. AWARDS BY TYPE OF CONTRACTOR

Fiscal Year 2011 – 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 2011



<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	\$ 12,529.6	75.0%	35,182	68.6%
Educational Institutions	941.4	5.6%	8,085	15.8%
Nonprofit Organizations	601.7	3.6%	3,892	7.6%
JPL	1,604.5	9.6%	2,258	4.4%
Gov't Agencies	526.5	3.2%	1,544	3.0%
Outside U.S.	495.7	3.0%	324	0.6%
<b>Total:</b>	<b>\$ 16,699.4</b>	<b>100.0%</b>	<b>51,285</b>	<b>100.0%</b>

Figure 1

TRENDS IN AWARDS BY TYPE OF CONTRACTOR  
FISCAL YEARS 2007 - 2011

PROCUREMENT DOLLARS (IN MILLIONS)

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
BUSINESS FIRMS	\$10,549	\$12,372	\$12,305	\$13,186	\$12,530
EDUCATIONAL	853	1,085	1,124	1,035	941
NONPROFIT	467	587	620	660	602
JPL	1,731	1,768	1,708	1,619	1,605
GOV'T AGENCIES	556	665	504	490	526
OUTSIDE U.S.	207	308	466	427	496
TOTAL	<u>\$14,363</u>	<u>\$16,785</u>	<u>\$16,727</u>	<u>\$17,417</u>	<u>\$16,699</u>

PERCENT OF TOTAL DOLLARS

BUSINESS FIRMS	73.4%	73.7%	73.6%	75.7%	75.0%
EDUCATIONAL	5.9%	6.5%	6.7%	5.9%	5.6%
NONPROFIT	3.3%	3.5%	3.7%	3.8%	3.6%
JPL	12.1%	10.5%	10.2%	9.3%	9.6%
GOV'T AGENCIES	3.9%	4.0%	3.0%	2.8%	3.1%
OUTSIDE U.S.	1.4%	1.8%	2.8%	2.5%	3.0%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

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Appendix I shows distribution of NASA procurements by type of contractor for Fiscal Years 1961 - 2011

### **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.

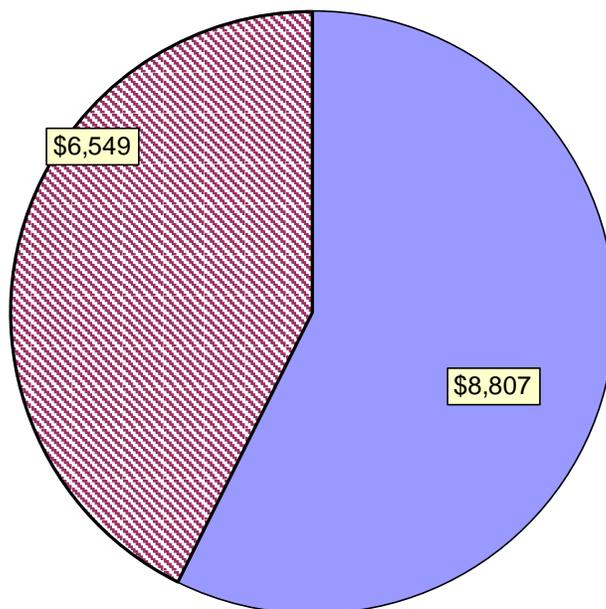
#### **B. Reporting of Competition**

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 prepare and submit an annual report to the agency Senior Procurement Executive and the Chief Acquisition Officer in accordance with agency procedures.

#### **C. Competition During Fiscal Year 2011**

Appendix II shows Competition to Business Firms for the period Fiscal Years 1961 – 2011.

## COMPETITION IN NASA AWARDS TO BUSINESS FIRMS FISCAL YEAR 2011



<u>Total Competition</u>	<u>Value (\$ Millions)</u>	<u>Percent of Total</u>
<b>Competed</b>	8,806.9	57.4%
<b>Not Competed*</b>	6,548.9	42.6%
<b>Follow-on</b>	**	**
<b>Total:</b>	<u><u><b>\$ 15,355.8</b></u></u>	<u><u><b>100.0%</b></u></u>

\*Not Competed includes dollars for awards where only one responsible source is available, as well as for unusual or compelling urgency, industrial mobilization, international agreement, authorized or required by statute, national security, public interest, awards not available for competition, and follow-on awards. This data is pulled from the standard FPDS-NG Competition Report.

Figure 2

Shown below are trends in extent of competition in awards to business firms for Fiscal Years 2007-2011. Beginning in FY 2005, data was pulled from FPDS and not available at the same level of detail as previously captured.

TRENDS IN AWARDS BY EXTENT OF COMPETITION  
FISCAL YEARS 2007 - 2011

TYPE OF ACTION	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Net Value of Awards (Millions)					
<u>Total</u>	<u>\$12,707.6</u>	<u>\$14,967.0</u>	<u>\$15,150.2</u>	<u>\$16,016.5</u>	<u>\$15,355.8</u>
<u>Competed</u>	\$ 6,253.4	\$ 7,645.7	\$ 8,121.4	\$ 8,865.3	\$ 8,806.9
<u>Not Competed*</u>	\$ 4,603.4	\$ 5,537.4	\$ 5,487.1	\$ 5,343.3	\$ 6,548.9
<u>Follow-On</u>	\$ 1,850.8	\$ 1,783.9	\$ 1,541.7	\$ 1,807.9	**
Percent of Total					
<u>Total</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Competed</u>	49.2	51.1	53.6	55.4	57.4
<u>Not Competed</u>	36.2	37.0	36.2	33.4	42.6
<u>Follow-On</u>	14.6	11.9	10.2	11.3	**

\* Beginning in FY 2008, Not Competed includes figures for awards that are not available for competition.

\*\* Beginning in FY 2011, Follow-On actions are included in Not Competed.

## IV. AWARDS TO BUSINESS FIRMS

### A. Awards by Contract Type

Fiscal Year 2011 – The table below depicts the trends in awards to business firms by contract type. Figure 3 on the following page, categorizes Fiscal Year 2011 awards of new contracts and modifications to existing contracts. The large percentage of procurements which have award fee and incentive fee provisions resulted from major procurements for the Space Shuttle, Space Station, ARES, and Orion/MPCV (Multi-Purpose Crew Vehicle) programs.

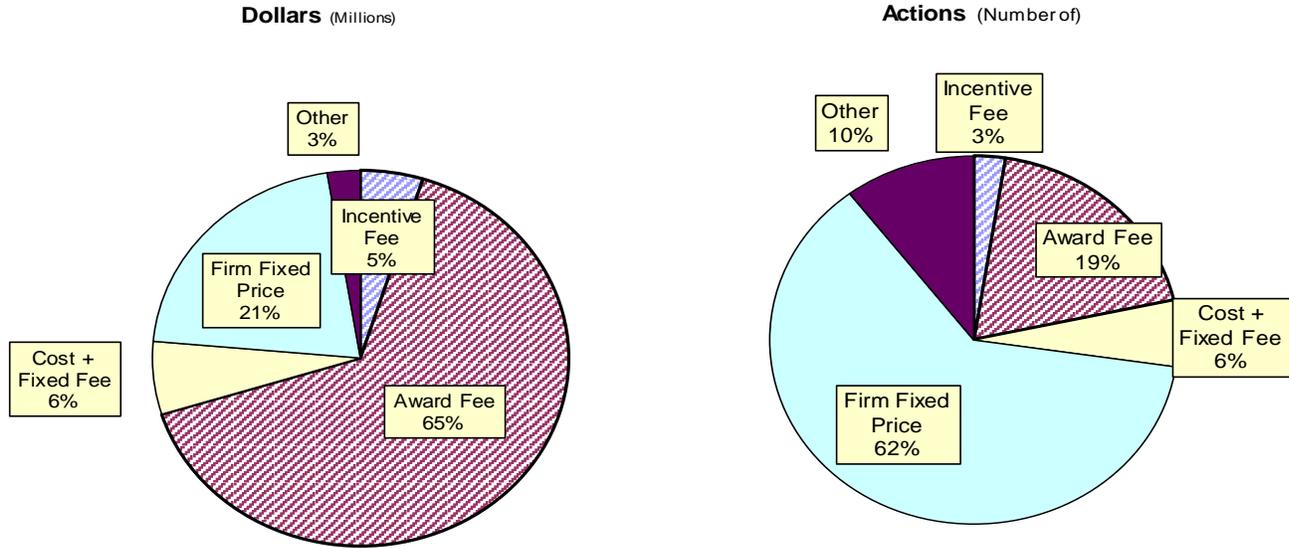
TRENDS IN AWARDS TO BUSINESS FIRMS BY CONTRACT TYPE\*  
FISCAL YEARS 2007 - 2011

	PROCUREMENT DOLLARS (IN MILLIONS)				
	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Firm Fixed Price	\$2,174	\$2,414	\$2,443	\$2,676	\$3,074
Incentive Fee	1,437	925	1,092	806	710
Award Fee	6,402	8,131	9,834	8,985	9,552
Cost Plus Fixed Fee	351	370	527	713	915
Other	392	838	581	428	374
<b>TOTAL BUSINESS</b>	<b>\$10,756</b>	<b>\$12,678</b>	<b>\$14,477</b>	<b>\$13,608</b>	<b>\$14,625</b>

	PERCENT OF TOTAL DOLLARS				
Firm Fixed Price	18%	20%	23%	20%	21%
Incentive Fee	14%	13%	6%	6%	5%
Award Fee	59%	60%	62%	66%	65%
Cost Plus Fixed Fee	3%	3%	4%	5%	6%
Other	6%	4%	5%	3%	3%
<b>TOTAL BUSINESS</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

\*Includes contract awards with place of performance outside the US

**AWARDS BY CONTRACT TYPE  
TO BUSINESS FIRMS  
FISCAL YEAR 2011**



<b>Category</b>	<b>Amount (\$Millions)</b>	<b>Percent of Total</b>	<b>Actions (Number of)</b>	<b>Percent of Total</b>
Firm Fixed Price	\$ 3,073.8	21.0%	23,496	62.3%
FFP Level of Effort	\$ 0.0	0.0%	1	0.0%
<b>Incentive Fee:</b>				
Fixed Price Incentive Fee	63.6	0.4%	52	0.1%
Cost Plus Incentive Fee	646.7	4.4%	884	2.3%
Subtotal Incentive Fee	\$ 710.3	4.8%	936	2.5%
Cost Plus Award Fee	\$ 9,541.4	65.3%	7,160	19.0%
Fixed Price Award Fee	\$ 10.5	0.1%	37	0.1%
Cost Plus Fixed Fee	\$ 914.8	6.3%	2,178	5.8%
<b>Other:</b>				
Fixed Price Redetermination	-	0.0%	-	0.0%
Economic Price Adj.	14.4	0.1%	124	0.3%
Cost No Fee	72.2	0.5%	76	0.2%
Cost Sharing	4.6	0.0%	28	0.1%
Labor Hour	5.7	0.0%	131	0.3%
Time & Material	121.5	0.8%	1,396	3.7%
Order Dependent	(0.2)	0.0%	75	0.2%
Other	64.3	0.4%	550	1.5%
Combination	36.9	0.3%	274	0.7%
Blank*	54.7	0.4%	1,264	3.4%
Subtotal Other:	\$ 374.1	2.6%	3,918	10.4%
<b>Total</b>	<b>\$14,624.9</b>	<b>100.0%</b>	<b>37,726</b>	<b>100.0%</b>

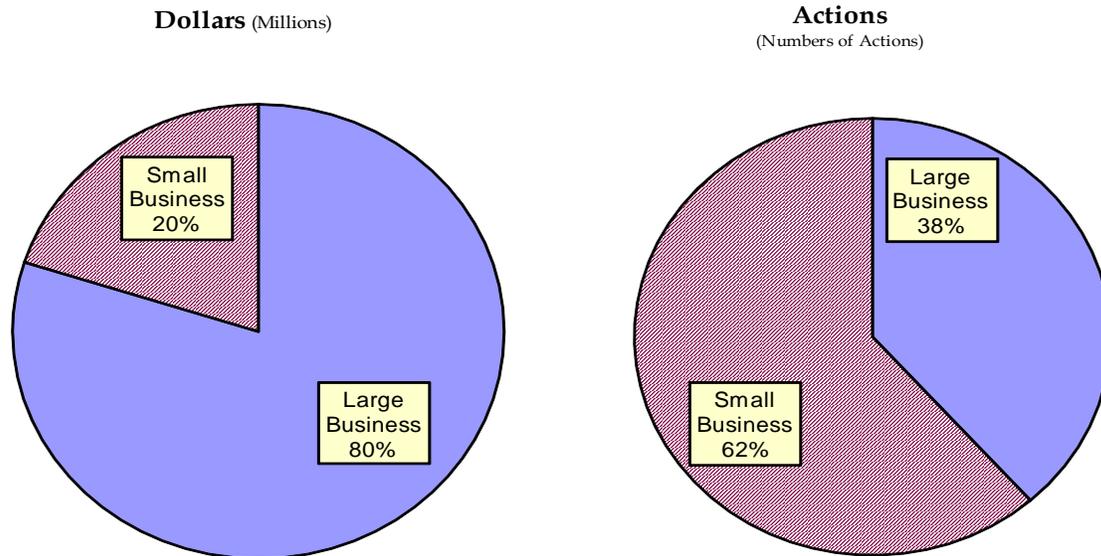
\*Contract type not required on BPA Calls, Grants or Cooperative Agreements

Figure 3

## B. Small Business Participation

Total Small Business – During Fiscal Year 2011, NASA awards to small business firms totaled \$2,511 million (see Figure 4). The number of actions going to small business represents 62% of all actions and 20% of all dollars. In addition, the \$2,511 million includes \$393.2 million in new awards. New awards to small business firms represented 46.4 percent of NASA’s total new contract awards of \$847.9 million to all business firms during Fiscal Year 2011.

### SMALL BUSINESS PARTICIPATION FISCAL YEAR 2011



<u>Category</u>	<u>Amount</u> (\$ Millions)	<u>Percent</u> of Total	<u>Actions</u> (Number of )	<u>Percent</u> of Total
Large Business	10,018.9	80.0%	13,523	38.4%
Small Business	\$ 2,510.7 *	20.0%	21,659	61.6%
Total:	\$ 12,529.6	100.0%	35,182	100.0%

\* Includes \$462.4 million awarded to small disadvantaged firms under Authority of Section 8(a) of the Small Business Act. Also includes \$191 million awarded through Small Business Innovation Research and Small Business Technology Programs.

Figure 4

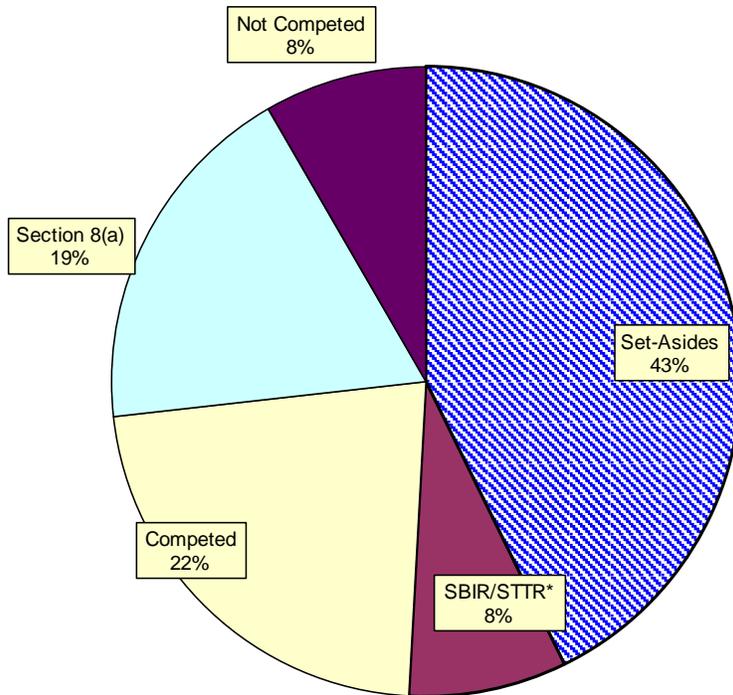
## Small Business Programs & Categories

- (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 2011, these set-asides amounted to \$1,703.1 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 2011, 8(a) awards totaled \$462.4 million.
- (3) **Small Business Innovation Research (SBIR)** – The Small Business Innovation Development Act requires that Federal agencies, whose extramural (research done outside the Agency) budgets for research or research and development exceeded \$100 million, establish a Small Business Innovation Research Program. During Fiscal Year 2011, NASA awarded 646 new SBIR contracts totaling \$19.2 million. Of this amount, 437 were Phase I awards totaling \$3.6 million and 209 were Phase II awards totaling \$15.6 million. Also in Fiscal Year 2011, NASA funded on-going Phase I and II contracts totaling \$145.8 million. Included in the total SBIR awards of \$165.1 million, 71 contracts, or \$13.3 million, were to small disadvantaged business firms, and 108 contracts, or \$19.1 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 2011, NASA awarded 74 new STTR contracts totaling \$2.6 million. Of this amount, 45 were Phase I awards totaling \$187.5 thousand, and 29 were Phase II awards totaling \$2.4 million. One hundred forty-seven on-going Phase II STTR contracts were also funded for a total of \$23.4 million. Included in the total STTR awards of \$25.9 million are 12 contracts for \$2.1 million to small disadvantaged business firms, and 25 contracts amounting to \$4.5 million 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 2011, Women-Owned Small Business firms received prime contract awards totaling \$385.7 million.
- (6) **HubZone Small Business Awards** – NASA awarded \$107.4 million to HubZone Small Business concerns in FY 2011.
- (7) **Veteran-Owned Small Business Awards** – In FY 2011, NASA awarded \$314.7 million to Veteran Owned Small Businesses. Of this amount, \$178.7 million was awarded to Service Disabled Veteran Owned Small Businesses.

## C. Extent of Competition in Small Business Awards

### COMPETITION IN SMALL BUSINESS AWARDS

FISCAL YEAR 2011



Category	Amount (millions)	Percent of Total
Set-Asides	\$ 1,073.1	42.7%
SBIR/STTR*	204.0	8.1%
Competed	561.3	22.4%
Section 8(a)	462.4	18.4%
Not Competed	209.9	8.4%
<b>Total</b>	<b>\$ 2,510.7</b>	<b>100.0%</b>

\*Includes Phase III SBIR/STTR obligations (13.0 Million).

Figure 5

## D. Small Disadvantaged Business Participation

NASA's prime contract awards to small disadvantaged business firms during Fiscal Year 2011 totaled \$859.7 million. The tabulation shown below indicates that NASA had 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 achieved 15.3 percent in Fiscal Year 2011.

TRENDS IN SMALL AND SMALL DISADVANTAGED  
BUSINESS AWARDS  
FISCAL YEARS 2007 – 2011  
(MILLIONS OF DOLLARS)

TYPE OF AWARD	FY 2007	FY 2008	FY 2009	FY 2010	FY2011
Section 8(a)	\$505.4	\$581.5	\$587.4	\$522.5	\$462.4
Other Small Disadv. Business	<u>271.5</u>	<u>461.2</u>	<u>535.7</u>	<u>506.4</u>	<u>397.3</u>
Total	<u>\$776.9</u>	<u>\$1,042.7</u>	<u>\$1,123.1</u>	<u>\$1,028.9</u>	<u>\$859.7</u>

Appendix III shows NASA awards to small business firms for Fiscal Years 1961 – 2011.

## E. 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 2011 are shown below. The awards to these contractors accounted for 89 percent of the direct awards to business firms during the year. The smallest aggregate award to any contractor was in excess of \$12 million. Of the one hundred contractors, 35 were small business firms and of these 8 were disadvantaged firms at the time of award.

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2011

(S=Small Business/D=Disadvantaged Business)

<u>TOTAL AWARDS TO BUSINESS FIRMS</u>	\$13,021,919,066	100.00
1. LOCKHEED MARTIN CORP.	1,759,039,165	13.51
2. UNITED SPACE ALLIANCE LLC	1,139,946,671	8.75
3. BOEING COMPANY	1,132,695,443	8.70
4. JACOBS TECHNOLOGY INC.	662,003,379	5.08
5. ATK LAUNCH SYSTEMS INC.	454,979,843	3.49
6. RUSSIAN SPACE AGENCY	414,009,394	3.18
7. PRATT & WHITNEY ROCKETDYNE INC.	398,779,707	3.06
8. ORBITAL SCIENCES CORP.	350,564,312	2.69
9. UNITED LAUNCH SERVICES LLC	345,210,983	2.65
10. SCIENCE APPLICATIONS INTL CORP.	278,204,055	2.14
11. NORTHROP GRUMMAN SPACE & MISSION SYS	265,358,246	2.04
12. S G T INC.	259,344,435	1.99
13. RAYTHEON COMPANY	233,289,461	1.79
14. URS FEDERAL TECHNICAL SERVICES INC.	201,115,775	1.54
15. SPACE EXPLORATION TECHNOLOGIES CORP.	195,440,755	1.50
16. WYLE LABORATORIES	156,206,125	1.20
17. QINETIQ NORTH AMERICA INC.	155,367,505	1.19
18. BALL AEROSPACE & TECH. CORP.	141,427,186	1.09
19. I T T SPACE SYSTEMS LLC	135,951,146	1.04
20. HONEYWELL TECHNOLOGY SOLUTIONS INC.	132,541,347	1.02
21. I T T CORPORATION	130,784,835	1.00
22. GENERAL DYNAMICS C4 SYSTEMS INC.	124,011,069	0.95
23. COMPUTER SCIENCES CORP.	106,863,148	0.82
24. C S C APPLIED TECHNOLOGIES LLC	102,861,222	0.79
25. ABACUS TECHNOLOGY CORP. (S)	92,726,273	0.71
26. HAMILTON SUNDSTRAND CORP.	90,324,204	0.69
27. M E I TECHNOLOGIES INC.	90,246,180	0.69
28. A S R C RESEARCH & TECHNOLOGY SOLUTIONS (S) (D)	87,821,207	0.67
29. ANALEX CORP.	83,202,605	0.64
30. MCDONNELL DOUGLAS CORP.	72,836,163	0.56
31. TELEDYNE BROWN ENGINEERING INC.	67,140,163	0.52

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2011

(S=Small Business/D=Disadvantaged Business)

32. SCIENCE SYSTEMS & APPLICATIONS INC.	(S)	64,971,992	0.50
33. A S R C AEROSPACE CORP.	(S)	59,832,047	0.46
34. D B CONSULTING GROUP INC.	(S) (D)	56,871,585	0.44
35. DYNETICS TECHNICAL SERVICES INC.	(S)	52,951,173	0.41
36. TRAX INTERNATIONAL CORP.		49,875,485	0.38
37. A S R C MANAGEMENT SERVICES INC.	(S)	46,992,782	0.36
38. ARES CORP.		46,599,367	0.36
39. LOCKHEED MARTIN SERVICES INC.		45,902,983	0.35
40. BOEING SATELLITE SYSTEMS INC.		45,178,213	0.35
41. NORTHROP GRUMMAN SYSTEMS CORP.		44,230,109	0.34
42. SWALES & ASSOCIATES		43,968,436	0.34
43. SPACE GATEWAY SUPPORT		43,299,203	0.33
44. BARRIOS TECHNOLOGY LTD	(S)	43,221,417	0.33
45. ADNET SYSTEMS INC.	(S) (D)	40,966,198	0.31
46. L-3 SERVICES INC.		39,786,290	0.31
47. INDYNE INC.		38,810,740	0.30
48. SIERRA LOBO INC.	(S) (D)	37,926,915	0.29
49. PEROT SYSTEMS GOV'T SERVICES INC.		36,308,791	0.28
50. COLUMBUS TECHNOLOGIES & SERVICES INC.	(S)	33,122,830	0.25
51. INFOPRO CORP.	(S) (D)	31,445,667	0.24
52. TESSADA & ASSOCIATES		31,391,786	0.24
53. CUBE CORP.	(S)	30,147,163	0.23
54. SIGMA SPACE CORP.	(S) (D)	29,505,512	0.23
55. L J T & ASSOCIATES INC.	(S)	28,273,516	0.22
56. COMMONWEALTH SCIENTIFIC & INDUSTRIAL		27,580,147	0.21
57. MANTECH S R S TECHNOLOGIES		26,958,041	0.21
58. ZIN TECHNOLOGIES INC.	(S)	25,771,567	0.20
59. COLSA CORP.	(S)	24,953,948	0.19
60. RAYTHEON TECHNICAL SERVICES CO.		24,806,498	0.19
61. INNOVATIVE HEALTH APPLICATIONS LLC	(S)	24,078,078	0.18
62. INSTITUTO NACTIONAL DE TECNICA AEROESPACIAL		22,507,000	0.17
63. BOOZ ALLEN & HAMILTON INC.		22,496,900	0.17
64. ARCATA ASSOCIATES INC.	(S)	22,304,731	0.17
65. CAPITOL TECHNOLOGY SERVICES INC.	(S)	21,507,201	0.17
66. BASTION TECHNOLOGIES INC.	(S) (D)	21,350,069	0.16
67. PARSONS INFRASTRUCTURE & TECH GROUP		19,492,131	0.15
68. LOCKHEED MARTIN INTEGRATED SYSTEMS INC.		19,312,632	0.15
69. PRIMUS SOLUTIONS INC.	(S)	19,004,317	0.15
70. A I SOLUTIONS INC.	(S)	18,852,231	0.14
71. KNIGHT PROTECTIVE SERVICES INC.		18,505,085	0.14
72. I A P WORLD SERVICES INC.		18,160,128	0.14
73. SIERRA NEVADA CORP.		17,585,942	0.14

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2011

(S=Small Business/D=Disadvantaged Business)

74.	TYBRIN CORP.		17,301,404	0.13
75.	ROY ANDERSON CORP.		16,997,145	0.13
76.	SMART GLOBAL SOLUTIONS JV LLC	(S) (D)	16,951,901	0.13
77.	FIBERTEK INC.	(S)	16,867,698	0.13
78.	OCEANEERING INTERNATIONAL INC.		16,741,040	0.13
79.	MILLENNIUM ENGINEERING & INTEGRATION	(S)	16,252,896	0.12
80.	CANADIAN COMMERCIAL CORP.		15,294,945	0.12
81.	J DIAMOND GROUP INC.		15,084,129	0.12
82.	DELL SERVICES FEDERAL GOVERNMENT INC.		14,494,827	0.11
83.	ETOUCH SYSTEMS CORP.		13,729,569	0.11
84.	MAINTHIA TECHNOLOGIES INC.	(S)	13,202,115	0.10
85.	EARTH RESOURCES TECHNOLOGY INC.	(S)	13,089,301	0.10
86.	CALL HENRY INC.	(S)	13,000,776	0.10
87.	SPEEGLE CONSTRUCTION II INC.	(S)	12,597,465	0.10
88.	COASTAL INTERNATIONAL SECURITY		12,187,734	0.09
89.	AEROS AERONAUTICAL SYSTEMS CORP.	(S)	11,993,000	0.09
90.	SECTEK INC.		11,876,751	0.09
91.	ENTERPRISE ADVISORY SERVICES INC.	(S)	11,257,207	0.09
92.	AIR LIQUIDE LARGE INDUSTRIES US LP		11,144,769	0.09
93.	VALADOR INC.		10,874,423	0.08
94.	REDE-CRITIQUE NSS JOINT VENTURE	(S)	10,766,245	0.08
95.	ANALYTICAL MECHANICS ASSOCIATES	(S)	10,687,423	0.08
96.	AIR PRODUCTS & CHEMICALS INC.		10,383,679	0.08
97.	ADMINISTRATIVE SERVICES INC.	(S)	10,352,910	0.08
98.	P C MALL.GOV INC.		10,129,998	0.08
99.	OHIO EDISON COMPANY		9,922,685	0.08
100.	DANIEL MANN JOHNSON & MENDENHALL INC.		9,762,375	0.08
	OTHER*		1,391,875,874	10.69

## 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 to conduct unmanned lunar, planetary, and deep-space scientific missions.

Total awards during Fiscal Year 2011 amounted to \$1,604.5 million. Of this amount, JPL awarded \$523.1 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 2011, \$1,543.2 million was awarded to educational and other nonprofit institutions. Of this amount, \$941.5 million was awarded to educational institutions and \$601.7 million to other nonprofit organizations. A breakout of these awards between contracts, grants, and cooperative agreements is shown below:

Type of Award	Total (Millions)	Educational Institutions (Millions)	Nonprofit Organizations (Millions)
Contracts	\$685.6	\$384.9	\$300.7
Grants	477.9	378.3	99.6
Cooperative Agreements	301.1	149.9	151.2
Purchase/Delivery Orders	<u>78.6</u>	<u>28.4</u>	<u>50.2</u>
Total	\$1,543.2	\$941.5	\$601.7

Excludes JPL

In addition to the \$477.9 million in grant awards to educational and nonprofit firms, NASA also awarded \$14.7 million in grants to business firms bringing the total grant awards to \$492.6 million. Cooperative Agreements increased to \$318.5 million when awards to business firms of \$17.4 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 2011 are shown below.

The awards to these institutions accounted for 88 percent of the total awards to educational and nonprofit institutions during the period. Sixty-three of the top 100 were educational institutions; 37 were nonprofit organizations.

\*Excludes JPL

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2011  
(N=Nonprofit Institution)

<u>TOTAL AWARDS TO EDUCATIONAL &amp; NONPROFIT INSTITUTIONS</u>		\$1,546,477,817	100.00
1.	JOHNS HOPKINS UNIVERSITY	\$149,617,626	9.67
2.	ASSN UNIV RESEARCH & ASTRONOMY (N)	99,761,943	6.45
3.	SMITHSONIAN INSTITUTION (N)	77,862,893	5.03
4.	SOUTHWEST RESEARCH INSTITUTE (N)	76,095,162	4.92
5.	UNIVERSITIES SPACE RESEARCH ASSOCIATION (N)	70,605,667	4.57
6.	UNIVERSITY OF COLORADO	68,001,489	4.40
7.	UNIVERSITY OF ARIZONA	62,421,139	4.04
8.	CALIFORNIA INSTITUTE OF TECHNOLOGY	36,920,359	2.39
9.	UNIVERSITY OF MARYLAND	36,884,010	2.39
10.	UNIVERSITY OF CALIFORNIA SANTA CRUZ	27,156,109	1.76
11.	NEW MEXICO STATE UNIVERSITY	24,596,080	1.59
12.	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	23,934,152	1.55
13.	NATIONAL INSTITUTE AEROSPACE ASSOCIATES (N)	22,395,799	1.45
14.	UNIVERSITY OF CALIFORNIA BERKELEY	21,610,179	1.40
15.	UNIVERSITY OF ALABAMA HUNTSVILLE	18,083,588	1.17
16.	LELAND STANFORD JUNIOR UNIVERSITY	17,831,495	1.15
17.	AEROSPACE CORP (N)	17,649,144	1.14
18.	BAYLOR COLLEGE OF MEDICINE	17,633,782	1.14
19.	COLUMBIA UNIVERSITY	16,528,935	1.07
20.	UNIVERSITY OF CALIFORNIA LOS ANGELES	15,915,468	1.03
21.	OAK RIDGE ASSOCIATED UNIVERSITIES INC. (N)	14,962,343	0.97
22.	UNIVERSITY OF ALASKA FAIRBANKS	14,928,633	0.97
23.	PENNSYLVANIA STATE UNIVERSITY	14,855,591	0.96
24.	UNIVERSITY OF MICHIGAN	14,008,058	0.84
25.	UNIVERSITY OF HAWAII	13,977,113	0.90
26.	UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH (N)	13,833,656	0.89
27.	UNIVERSITY OF TEXAS, AUSTIN	12,230,455	0.79
28.	ARIZONA STATE UNIVERSITY	11,309,942	0.73
29.	S E T I INSTITUTE (N)	11,304,843	0.73

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2011  
(N=Nonprofit Institution)

30. UNIVERSITY OF WASHINGTON		11,040,051	0.71
31. UNIVERSITY OF CALIFORNIA, BERKELEY		9,950,500	0.64
32. UNIVERSITY OF NEW HAMPSHIRE		9,800,532	0.63
33. UNIVERSITY OF WISCONSIN		9,277,479	0.60
34. SAN JOSE STATE UNIVERSITY RESEARCH FOUNDATION	(N)	9,230,659	0.60
35. CARNEGIE INSTITUTION OF WASHINGTON	(N)	8,912,402	0.58
36. GEORGIA TECH RESEARCH CORP	(N)	8,462,682	0.55
37. OHIO AEROSPACE INSTITUTE	(N)	8,373,113	0.54
38. UNIVERSITY MARYLAND BALTIMORE COUNTY		8,349,789	0.54
39. SOUTHERN RESEARCH INSTITUTE	(N)	8,141,201	0.53
40. CORNELL UNIVERSITY		7,436,446	0.48
41. HARVARD COLLEGE		7,416,700	0.48
42. WASHINGTON UNIVERSITY		7,087,652	0.46
43. COLORADO STATE UNIVERSITY		7,015,726	0.45
44. PLANETARY SCIENCE INSTITUTE	(N)	6,644,033	0.43
45. CHARLES STARK DRAPER LABS	(N)	6,521,606	0.42
46. UNIVERSITY OF ALABAMA, BIRMINGHAM		6,424,692	0.42
47. OSU CENTER FOR INNOVATION & ECONOMIC DEV. INC	(N)	6,305,605	0.41
48. BREVARD ACHIEVEMENT CENTER INC	(N)	6,206,220	0.40
49. WEST VIRGINIA UNIVERSITY		6,159,557	0.40
50. CATHOLIC UNIVERSITY OF AMERICA		5,496,276	0.36
51. MELWOOD HORTICULTURAL TRAINING CTR	(N)	5,461,030	0.35
52. UNIVERSITY OF CALIFORNIA, SAN DIEGO		5,388,635	0.35
53. MONTANA STATE UNIVERSITY		5,251,207	0.34
54. UNITED NEGRO COLLEGE FUND	(N)	5,068,816	0.33
55. NATIONAL ACADEMY SCIENCES	(N)	4,957,167	0.32
56. HAMPTON, CITY OF	(N)	4,949,300	0.32
57. BROWN UNIVERSITY		4,926,435	0.32
58. BAY AREA ENVIRONMENTAL RESEARCH INST.	(N)	4,580,162	0.30
59. UNIVERSITY OF NORTH DAKOTA		4,526,157	0.29
60. UNIVERSITY OF CALIFORNIA, IRVINE		4,429,311	0.29
61. RESEARCH FOUNDATION STATE UNIV NEW YORK	(N)	4,409,657	0.29
62. GEORGE MASON UNIVERSITY		4,222,375	0.27
63. LOGISTICS MANAGEMENT INSTITUTE	(N)	4,050,327	0.26
64. BOSTON UNIVERSITY		4,046,231	0.26
65. UNIVERSITY OF ILLINOIS		3,855,108	0.25
66. PURDUE UNIVERSITY		3,816,317	0.25
67. UNIVERSITY OF MINNESOTA		3,806,725	0.25
68. CENTER FOR ADVANCE SCIENCE IN SPACE INC	(N)	3,750,000	0.24
69. UNIVERSITY OF CALIFORNIA, SANTA BARBARA		3,702,192	0.24
70. UNIVERSITY OF DELAWARE		3,681,794	0.24
71. HAMPTON UNIVERSITY		3,648,455	0.24

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2011  
(N=Nonprofit Institution)

72. UNIVERSITY OF OKLAHOMA		3,581,078	0.23
73. CALIFORNIA ASSN RESEARCH IN ASTRONOMY	(N)	3,577,000	0.23
74. OREGON STATE UNIVERSITY		3,565,836	0.23
75. VON BRAUN CENTER SCIENCE & INNOVATION	(N)	3,498,189	0.23
76. CAL POLY CORP.	(N)	3,339,264	0.22
77. UNIVERSITY OF SOUTHERN CALIFORNIA		3,299,229	0.21
78. WOODS HOLE OCEANOGRAPHIC INSTITUTION	(N)	3,294,739	0.21
79. UNIVERSITY OF CHICAGO		3,265,235	0.21
80. UNIVERSITY OF MIAMI		3,193,630	0.21
81. UNIVERSITY CORP AT MONTEREY BAY	(N)	3,160,417	0.20
82. UNIVERSITY OF TEXAS MEDICAL BRANCH GALVESTON		3,147,194	0.20
83. UNIVERSITY OF VIRGINIA		3,131,157	0.20
84. UAV COLLABORATIVE	(N)	3,113,737	0.20
85. UNIVERSITY OF MARYLAND, COLLEGE PARK		3,003,315	0.19
86. UNIVERSITY OF TEXAS SW MEDICAL CENTER DALLAS	(N)	2,953,909	0.19
87. UNIVERSITY OF CENTRAL FLORIDA		2,861,341	0.19
88. UNIVERSITY OF FLORIDA		2,711,066	0.18
89. UNIVERSITY OF IOWA		2,654,280	0.17
90. UNIVERSITY OF NEBRASKA		2,636,603	0.17
91. US FOUNDATION INSPIRATION & RECOGNITION SCIENCE	(N)	2,619,889	0.17
92. DARTMOUTH COLLEGE		2,576,457	0.17
93. CARNEGIE MELLON UNIVERSITY		2,504,350	0.16
94. WEST VIRGINIA UNIVERSITY RESEARCH CORP.	(N)	2,389,685	0.15
95. EMORY UNIVERSITY		2,314,829	0.15
96. UNIVERSITY OF IDAHO		2,310,791	0.15
97. BATTELLE MEMORIAL INSTITUTE	(N)	2,305,515	0.15
98. INDIANA UNIVERSITY		2,286,380	0.15
99. PRINCETON UNIVERSITY		2,261,921	0.15
100. OHIO STATE UNIVERSITY RESEARCH FNDTN	(N)	2,201,759	0.14
**OTHER		183,123,047	11.84

## VII. AWARDS BY TYPE OF EFFORT

During Fiscal Year 2011, \$16,080.1 million was awarded in categories of research and development, services, and supplies and equipment. A breakout of these awards by category is shown below. Not included are intragovernmental awards and purchases less than \$3,000.

<u>Category</u>	<u>Total (Millions)</u>	<u>Number of Actions</u>
<u>Total</u>	<u>\$ 16,080.1</u>	<u>49,741</u>
<u>Research &amp; Development</u>	<u>\$ 8,238.5</u>	<u>23,630</u>
Space Science & Applications	3,133.9	11,561
Space Flight	1,519.1	245
Space Station	839.1	56
Aeronautics & Space Technology	782.5	8,241
Space Operations	466.3	269
Commercial Programs	1.1	1
Other Space R&D	183.7	116
Other R&D	1,312.8	3,141
<u>Services</u>	<u>\$ 6,756.2</u>	<u>17,828</u>
Professional, Admin. & Mgmt. Support	3,048.9	6,144
ADP & Telecommunications	975.9	2,823
Transportation, Travel & Relocation Svc.	827.7	364
Utilities & Housekeeping	483.8	1,246
Special Studies & Analyses-Not R&D	347.8	690
Operation of Gov't-owned Facilities	288.4	359
Construction of Structures & Facilities	139.9	621
Maint., Repair or Alteration Real Property	139.1	526
Education & Training Services	129.1	2,235
Architect & Engineering Services	102.1	720
Quality Control, Testing & Inspection	72.4	380
Other Services	201.1	1,720
<u>Supplies &amp; Equipment</u>	<u>\$ 1,085.4</u>	<u>8,283</u>
Space Vehicles	771.7	564
ADP Equipment, Software, Supplies & Support Equipment	100.9	2,739
Instruments & Laboratory Equipment	60.9	1,509
Chemicals & Chemical Products	23.4	182
Communication, Detection & Coherent Radiation Equipment	17.8	283
Fire Control Equipment	16.7	30
Fuels, Lubricants, Oils & Waxes	16.2	311
Electrical & Electronic Equip. Components	13.0	500
Aircraft Components & Accessories	7.6	212
Other Supplies & Equipment	57.2	1,953

## VIII. AWARDS THROUGH OTHER GOVERNMENT AGENCIES

During Fiscal Year 2011, \$526.5 million was awarded through other Government agencies. The following table shows the distribution of these awards by agency.

### AWARDS THROUGH OTHER GOVERNMENT AGENCIES FISCAL YEAR 2011

<u>AGENCY</u>	<u>MILLIONS</u>	<u>% OF TOTAL</u>
<u>TOTAL</u>	<u>\$ 526.5</u>	<u>100.0</u>
Air Force	90.9	17.3
Navy	34.3	6.5
Energy Department	96.6	18.3
Army	76.1	14.5
Commerce Department	11.2	2.1
National Science Foundation	11.7	2.2
Interior Department	22.6	4.3
Defense Department	53.8	10.2
Justice Department	0.3	0.1
Other Government Agencies	129.0	24.5

## IX. U.S. GEOGRAPHICAL DISTRIBUTION OF AWARDS

In Fiscal Year 2011, 50 states and the District of Columbia participated in NASA's direct awards. The distribution of awards is also shown by region. (See Page 26).

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. This table excludes awards to other Government agencies and awards outside the US.

US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2011

TOTAL	\$14,520,516,854	\$13,014,315,118	\$1,506,201,736
ALABAMA	816,915,055	787,062,839	29,852,216
ALASKA	23,045,037	8,031,027	15,014,010
ARIZONA	134,545,940	53,154,780	81,391,160
ARKANSAS	2,143,708	849,953	1,293,755
CALIFORNIA	3,329,728,830	3,104,504,469	225,224,361
COLORADO	1,655,792,293	1,562,979,641	92,812,652
CONNECTICUT	39,989,251	37,542,331	2,446,920
DELAWARE	8,001,749	3,780,632	4,221,117
DIST COLUMBIA	135,282,015	106,016,554	29,265,461
FLORIDA	888,817,526	863,075,990	25,741,536
GEORGIA	16,258,108	3,302,001	12,956,107
HAWAII	19,364,969	1,951,346	17,413,623
IDAHO	2,617,310	218,046	2,399,264
ILLINOIS	20,184,976	11,147,326	9,037,650
INDIANA	129,346,401	122,186,393	7,160,008
IOWA	6,057,745	2,413,365	3,644,380
KANSAS	4,641,121	1,539,147	3,101,974
KENTUCKY	2,473,380	1,137,087	1,336,293
LOUISIANA	108,896,740	106,840,943	2,055,797
MAINE	2,896,560	1,111,299	1,785,261
MARYLAND	1,704,676,920	1,346,095,300	358,581,620
MASSACHUSETTS	176,787,781	53,970,357	122,817,424
MICHIGAN	27,113,535	9,697,951	17,415,584
MINNESOTA	9,287,597	5,325,945	3,961,652
MISSISSIPPI	238,571,683	235,080,161	3,491,522
MISSOURI	24,212,979	16,369,448	7,843,531
MONTANA	10,869,104	3,805,582	7,063,522
NEBRASKA	3,065,968	65,540	3,000,428
NEVADA	21,113,139	18,342,830	2,770,309
NEW HAMPSHIRE	23,394,619	8,397,741	14,996,878
NEW JERSEY	15,929,587	10,359,113	5,570,474
NEW MEXICO	73,095,955	45,760,477	27,335,478
NEW YORK	78,959,448	41,704,253	37,255,195
NORTH CAROLINA	10,279,860	2,816,765	7,463,095
NORTH DAKOTA	5,392,415	716,954	4,675,461
OHIO	266,791,671	244,511,040	22,280,631
OKLAHOMA	13,011,360	2,971,725	10,039,635
OREGON	9,300,354	4,525,190	4,775,164
PENNSYLVANIA	39,154,907	18,696,653	20,458,254
RHODE ISLAND	6,170,044	515,812	5,654,232
SOUTH CAROLINA	1,858,638	221,754	1,636,884
SOUTH DAKOTA	3,670,526	3,736	3,666,790
TENNESSEE	31,407,642	13,969,493	17,438,149
TEXAS	3,243,152,985	3,114,486,953	128,666,032

US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2011

UTAH	460,815,931	456,587,099	4,228,832
VERMONT	2,108,246	925,141	1,183,105
VIRGINIA	596,816,631	537,351,525	59,465,106
WASHINGTON	23,983,407	10,530,395	13,453,012
WEST VIRGINIA	40,376,789	29,906,491	10,470,298
WISCONSIN	10,358,479	1,481,812	8,876,667
WYOMING	1,789,940	276,713	1,513,227

NOTE: Excludes awards placed through other Government agencies and awards outside the U.S.

U.S. GEOGRAPHICAL DISTRIBUTION  
OF NASA PRIME CONTRACT AWARDS  
Fiscal Year 2011

GRAND TOTAL \$14,520,516,854

Region & State	Total	Region & State	Total
<hr/>		<hr/>	
NEW ENGLAND	\$251,346,501	PLAINS	\$56,328,351
<hr/>		<hr/>	
Maine	2,896,560	North Dakota	5,392,415
Vermont	2,108,246	South Dakota	3,670,526
Rhode Island	6,170,044	Nebraska	3,065,968
Massachusetts	176,787,781	Kansas	4,641,121
Connecticut	39,989,251	Minnesota	9,287,597
New Hampshire	23,394,619	Iowa	6,057,745
		Missouri	24,212,979
MID ATLANTIC	\$1,982,004,626		
<hr/>		SOUTHWEST	\$3,463,806,240
Maryland	1,704,676,920	<hr/>	
New Jersey	15,929,587	Arizona	134,545,940
New York	78,959,448	New Mexico	73,095,955
Pennsylvania	39,154,907	Oklahoma	13,011,360
Delaware	8,001,749	Texas	3,243,152,985
Dist Columbia	135,282,015		
SOUTHEAST	\$2,754,815,760	ROCKY MOUNTAIN	\$2,131,884,578
<hr/>		<hr/>	
Alabama	816,915,055	Colorado	1,655,792,293
Arkansas	2,143,708	Utah	460,815,931
Florida	888,817,526	Idaho	2,617,310
Georgia	16,258,108	Montana	10,869,104
Louisiana	108,896,740	Wyoming	1,789,940
Mississippi	238,571,683		
North Carolina	10,279,860	FAR WEST	\$3,384,125,730
Tennessee	31,407,642	<hr/>	
Virginia	596,816,631	Washington	23,983,407
West Virginia	40,376,789	California	3,329,728,830
Kentucky	2,473,380	Oregon	9,300,354
South Carolina	1,858,638	Nevada	21,113,139
GREAT LAKES	\$453,795,062		
<hr/>		ALASKA & HAWAII	\$42,410,006
Illinois	20,184,976	<hr/>	
Indiana	129,346,401	Alaska	23,045,037
Michigan	27,113,535	Hawaii	19,364,969
Ohio	266,791,671		
Wisconsin	10,358,479		

## X. AWARDS PLACED OUTSIDE THE UNITED STATES

During Fiscal Year 2011, NASA placed \$495.7 million in awards that are being performed outside the United States. These awards are being performed in twenty-four countries.\*

### Place of Performance

<u>Direct NASA Awards</u>	<u>\$495,690,193</u>
Australia	27,892,214
Austria	12,000
Belgium	18,423
Brazil	133,144
Canada	16,926,187
Czech Republic	18,361
Denmark	590,290
France	1,048,350
Germany	334,089
Hungary	-12
Israel	1,455
Japan	166,850
Kenya	211,759
Nepal	741,432
Netherlands	-278,198
Norway	2,502,768
Peru	158,000
Panama	121,150
Russia	420,202,362
Spain	22,801,322
Sweden	1,375,785
Switzerland	198,258
Taiwan	30,803
United Kingdom	483,401

\* Does not include obligations of \$1.4 million to Puerto Rico which is a U.S. territory.

## XI. PROCUREMENT ACTIVITY BY INSTALLATION

Most of NASA's purchases and contracts are made by the procurement offices of its field installations.

<u>INSTALLATION</u>	AWARD (MILLIONS)	PERCENT
TOTAL	<u>\$16,699.4</u>	<u>100.0</u>
Johnson Space Center	5,196.4	31.1
Goddard Space Flight Center	3,301.1	19.8
Marshall Space Flight Center	2,102.9	12.6
NASA Management Office*	1,791.5	10.7
Kennedy Space Center	1,202.5	7.2
NASA Shared Services Center	972.1	5.8
Ames Research Center	540.6	3.2
Langley Research Center	445.4	2.7
Glenn Research Center	372.7	2.2
Headquarters	432.8	2.6
Stennis Space Center	188.0	1.1
Dryden Flight Research Center	153.4	0.9

\*Includes both JPL & APL

## 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 Federal Procurement Data System (FPDS).
  - b. Detailed data – Information on procurements includes all contracts, grants, and cooperative agreements. Wherever exclusions apply, a generalized footnote is provided.
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 Agreements.
  - g. Supplemental agreements, change orders, administrative changes, and terminations 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.

# APPENDICES

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			86.9	112.9	139.5	150.0	132.9	131.5	131.3	134.3
Nonprofit	24.5	50.2	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	2	3	3	3	3	4	4
Nonprofit	3	3	**	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

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

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 197T**	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

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\* Less than 0.5 percent. \*\*FY197T represents the transition from a June-July Fiscal Year to the October-September Fiscal Year.

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	APPENDIX I	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

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\* Less than 0.5 percent.

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 2000 - 2009

TYPE	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<u>Total</u>	<u>\$12,504.7</u>	<u>\$12,748.1</u>	<u>#####</u>	<u>\$13,273.7</u>	<u>\$13,472.4</u>	<u>\$15,342.0</u>	<u>\$15,846.3</u>	<u>\$14,363.3</u>	<u>\$14,363.3</u>	<u>\$16,727.0</u>
Business Firms	9,272.8	9,209.7	9,568.9	9,510.4	9,025.6	10,358.0	11,467.4	10,548.3	12,371.8	12,305.2
Educational	995.1	1,083.9	1,194.0	1,224.6	1,144.5	1,480.0	1,167.7	853.0	1,085.2	1,124.0
Nonprofit	465.8	523.4	582.5	575.5	614.6	740.0	671.3	467.4	587.1	619.9
JPL	1,291.3	1,451.7	1,404.1	1,290.4	1,963.7	1,771.0	1,700.2	1,730.8	1,767.8	1,707.5
Government	382.4	382.0	486.1	601.1	634.1	830.0	659.9	556.4	665.2	504.2
Outside U.S.	97.3	97.4	66.9	71.6	89.9	163.0	179.8	207.4	308.3	466.1
<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	74	72	72	69	67	68	72	74	74	73
Educational	8	9	9	13	8	10	8	6	6	7
Nonprofit	4	4	4	5	4	5	4	3	3	4
JPL	10	11	11	8	15	11	11	12	11	10
Government	3	3	3	5	5	5	4	4	4	3
Outside U.S.	1	1	1	0	APPENDIX I 1	1	1	1	2	3

\* Less than 0.5 percent.

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 2010 - 2011

TYPE	FY 2010	FY 2011								
<u>Total</u>	<u>\$17,417.4</u>	<u>\$16,699.4</u>								
Business Firms	13,186.4	12,529.6								
Educational	1,035.3	941.4								
Nonprofit	660.1	601.7								
JPL	1,618.7	1,604.5								
Government	490.0	526.5								
Outside U.S.	426.9	495.7								
<u>Total</u>	<u>100</u>	<u>100</u>								
Business Firms	76	75								
Educational	6	6								
Nonprofit	4	4								
JPL	9	9								
Government	3	3								
Outside U.S.	2	3								

\* 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 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.										
**FY 1977 represents the transition from a June-July Fiscal Year to the October-September Fiscal Year										

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

FISCAL YEARS 1980 - 1985\*\*

TYPE OF ACTION	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985				
				Net Value of Awards (Millions)						
<u>Total Business**</u>	<u>\$3,820.4</u>	<u>\$4,208.2</u>	<u>\$4,724.5</u>	<u>\$5,501.2</u>	<u>\$5,859.3</u>	<u>\$6,525.9</u>				
New Awards*	634.3	479.3	717.6	761.0	716.6	775.9				
Modifications	3,186.1	3,728.9	4,006.9	4,740.2	5,142.7	5,750.0				
<u>Competitive</u>	<u>2,858.1</u>	<u>3,127.7</u>	<u>3,436.5</u>	<u>3,845.3</u>	<u>4,286.6</u>	<u>5,030.2</u>				
New Awards*	382.5	257.8	351.9	446.2	426.0	533.5				
Modifications	2,475.6	2,869.9	3,084.6	3,399.1	3,860.6	4,496.7				
<u>Other Than Competitive</u>	<u>962.3</u>	<u>1,080.5</u>	<u>1,288.0</u>	<u>1,655.9</u>	<u>1,572.7</u>	<u>1,495.7</u>				
New Awards*	251.8	221.5	365.7	314.8	290.6	242.4				
Modifications	710.5	859.0	922.3	1,341.1	1,282.1	1,253.3				
				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>				
New Awards*	17	11	15	14	12	12				
Modifications	83	89	85	86	88	88				
<u>Competitive</u>	<u>75</u>	<u>74</u>	<u>72</u>	<u>70</u>	<u>73</u>	<u>77</u>				
New Awards*	10	6	7	8	7	8				
Modifications	65	68	65	62	66	69				
<u>Other Than Competitive</u>	<u>25</u>	<u>26</u>	<u>28</u>	<u>30</u>	<u>27</u>	<u>23</u>				
New Awards*	7	5	8	6	5	4				
Modifications	18	21	20	24	22	19				
* Data on new contracts are restricted to contracts of \$10,000 and over.										
** Excludes 8(a) awards.										

COMPETITION IN NASA AWARDS TO BUSINESS FIRMS

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.

APPENDIX II

## COMPETITION IN NASA AWARDS TO BUSINESS FIRMS

FISCAL YEARS 1996 - 2005

TYPE OF ACTION	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
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>\$9,630.8</u>	<u>\$12,201.9</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>	<u>5,653.5</u>	<u>5,998.7</u>
New Awards	951.1	750.2	792.6	803.4	1,065.2	1,041.6	752.1	861.5	1,198.8	*
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	4,454.7	*
<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>	<u>3,426.9</u>	<u>6,088.5</u>
New Awards	283.5	177.8	182.5	128.2	312.1	140.4	387.3	405.8	159.4	*
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	3,267.5	*
<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>	<u>550.4</u>	<u>114.8</u>
New Awards	0.5	12.3	65.0	208.1	299.8	6.4	1.9	81.1	6.4	*
Modifications	915.9	777.0	732.8	642.0	430.3	457.6	500.3	475.6	544.0	*
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>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>	<u>58.7</u>	<u>49.2</u>
New Awards	9.5	7.5	8.2	8.4	11.1	10.8	7.4	8.3	12.5	*
Modifications	55.0	46.5	46.0	48.3	44.9	48.5	49.5	49.2	46.2	*
<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>	<u>35.5</u>	<u>49.9</u>
New Awards	2.8	1.7	1.9	1.3	3.3	1.4	3.8	3.9	1.6	*
Modifications	23.6	36.4	35.7	33.2	33.2	34.5	34.3	33.2	33.9	*
<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>	<u>5.7</u>	<u>0.9</u>
New Awards	0.0	0.1	0.7	2.1	3.1	0.1	0.1	0.8	0.1	*
Modifications	9.1	7.8	7.5	6.7	4.4	4.7	4.9	4.6	5.6	*

\* FY 2005 data is obtained from the FPDS-NG system. Breakout between New Awards &amp; Modifications is not available.

APPENDIX II

COMPETITION IN NASA AWARDS TO BUSINESS FIRMS

FISCAL YEARS 2006 - 2011

TYPE OF ACTION	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011				
<u>Total Available</u>	<u>\$10,678.3</u>	<u>\$12,707.6</u>	<u>\$14,666.8</u>	<u>\$15,150.2</u>	<u>\$16,016.5</u>	<u>\$15,355.8</u>				
<u>Competed</u>	<u>6,356.4</u>	<u>6,253.4</u>	<u>7,645.7</u>	<u>8,121.4</u>	<u>8,865.3</u>	<u>8,806.9</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				
<u>Not Competed**</u>	<u>4,235.1</u>	<u>4,603.4</u>	<u>5,537.4</u>	<u>5,487.1</u>	<u>5,343.3</u>	<u>6,548.9</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				
<u>Follow-On</u>	<u>86.8</u>	<u>1,850.8</u>	<u>1,783.9</u>	<u>1,541.7</u>	<u>1,807.9</u>	<u>***</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				
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>Competed</u>	<u>49.2</u>	<u>49.1</u>	<u>52.1</u>	<u>53.6</u>	<u>55.3</u>	<u>57.4</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				
<u>Not Competed</u>	<u>49.9</u>	<u>36.3</u>	<u>35.7</u>	<u>36.2</u>	<u>33.4</u>	<u>42.6</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				
<u>Follow-On</u>	<u>0.9</u>	<u>14.6</u>	<u>12.2</u>	<u>10.2</u>	<u>11.3</u>	<u>***</u>				
New Awards	*	*	*	*	*	*				
Modifications	*	*	*	*	*	*				

\* FY 2006- FY 2010 data is obtained from the FPDS-NG system. Breakout between New Awards & Modifications is not available.

\*\* Beginning in FY 2008 Not Competed dollars include Not Available for Competition dollars

\*\*\* Beginning in FY 2011, Not Competed dollars include Follow - Ons

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.

APPENDIX III

SMALL BUSINESS PARTICIPATION IN NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1991 - 2010

(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	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<u>TOTAL BUSINESS</u>	<u>\$9,209.7</u>	<u>\$9,568.9</u>	<u>\$9,510.4</u>	<u>\$9,025.6</u>	<u>\$10,357.8</u>	<u>\$11,467.4</u>	<u>\$10,756.2</u>	<u>\$12,371.7</u>	<u>\$12,305.2</u>	<u>\$13,186.5</u>
<u>SMALL BUSINESS</u>	<u>1,609.9</u>	<u>1,680.0</u>	<u>1,600.1</u>	<u>1,755.5</u>	<u>1,818.9</u>	<u>1,938.1</u>	<u>2,002.7</u>	<u>2,270.7</u>	<u>2,271.8</u>	<u>2,286.0</u>
% OF TOTAL	17.5	17.6	16.8	19.5	17.6	16.9	18.6	18.4	18.5	17.3
<u>SET-ASIDES</u>	<u>568.1</u>	<u>582.4</u>	<u>477.9</u>	<u>552.1</u>	<u>620.2</u>	<u>665.8</u>	<u>747.5</u>	<u>898.1</u>	<u>901.4</u>	<u>926.5</u>
% OF TOTAL	6.2	6.1	5.0	6.1	6.0	5.8	6.9	7.3	7.3	7.0
% OF SMALL	35.3	34.6	29.8	31.4	34.1	34.3	37.3	39.6	39.7	40.5
	FY 2011									
<u>TOTAL BUSINESS</u>	<u>\$12,529.6</u>									
<u>SMALL BUSINESS</u>	<u>2,510.7</u>									
% OF TOTAL	20.0									
<u>SET-ASIDES</u>	<u>1,073.1</u>									
% OF TOTAL	8.6									
% OF SMALL	42.7									