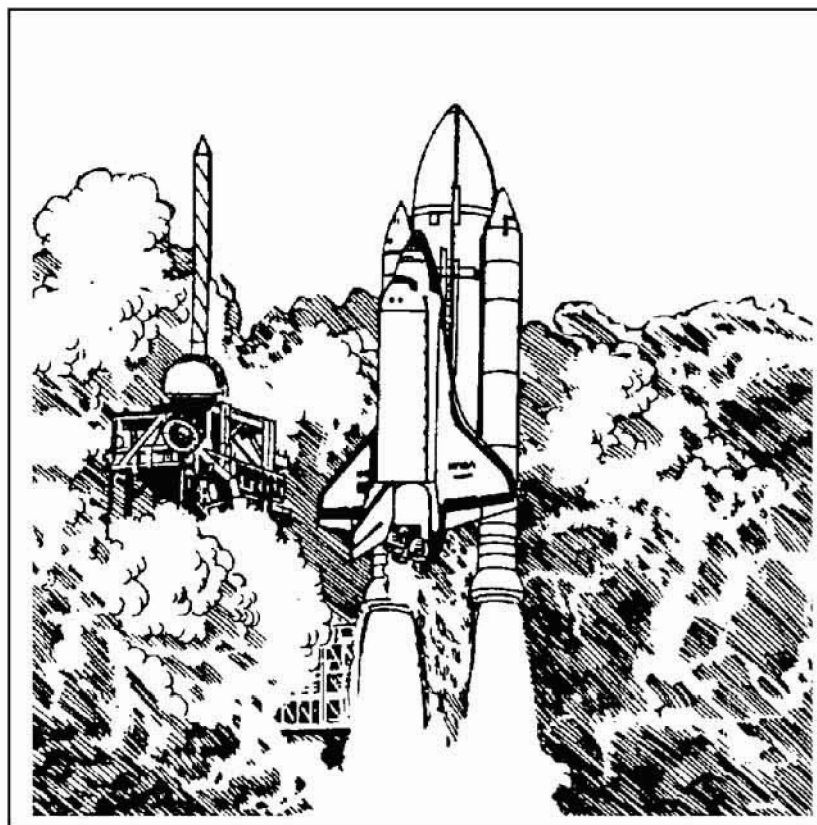




# ANNUAL PROCUREMENT REPORT

**Fiscal Year 2008**

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## INTRODUCTION

This report presents summary data on all NASA procurement actions and detailed information on contracts, grants, agreements, and other procurements awarded by NASA during Fiscal Year 2008 using appropriated funds. All data was pulled from the Federal Procurement Data System-Next Generation (FPDS-NG)\* with the exception of data on 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 December 2008

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I. TOTAL PROCUREMENTS

Fiscal Year 2008 - NASA's procurements totaled \$16,785.4 million. The number of procurement actions totaled 43,937.

TRENDS IN  
PROCUREMENT OBLIGATIONS VS. TOTAL NASA OBLIGATIONS \*  
FISCAL YEARS 2004 - 2008  
(MILLIONS OF DOLLARS)

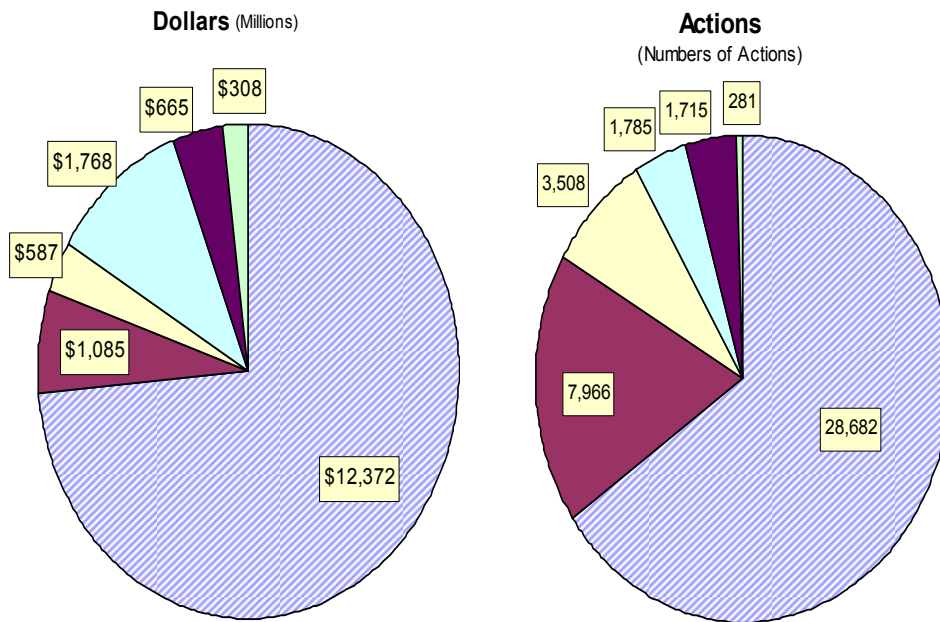
Fiscal Year	Total NASA Obligations	Procurement Obligations	
		Amount	% of Total Obligations
2008	20,299.5	\$16,785.4	82.7%
2007	17,651.4	14,363.3	81.4%
2006	17,773.4	15,846.3	89.2%
2005	18,069.1	15,342.4	84.9%
2004	16,049.9	13,472.4	83.9%

\*Total NASA obligations include salaries, benefits and travel of NASA employees, as well as 129,809 credit card purchases in the amount of \$70.9 million.

II. AWARDS BY TYPE OF CONTRACTOR

Fiscal Year 2008 - 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 2008**



<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	\$ 12,371.8	73.7%	28,682	65.3%
Educational Institutions	1,085.2	6.5%	7,966	18.1%
Nonprofit Organizations	587.1	3.5%	3,508	8.0%
JPL	1,767.8	10.5%	1,785	4.1%
Govt Agencies	665.2	4.0%	1,715	3.9%
Outside U.S.	308.3	1.8%	281	0.6%
<b>Total:</b>	<b>\$ 16,785.4</b>	<b>100.0%</b>	<b>43,937</b>	<b>100.0%</b>

Figure 1

TRENDS IN AWARDS BY TYPE OF CONTRACTOR  
FISCAL YEARS 2004 - 2008

PROCUREMENT DOLLARS (IN MILLIONS)

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>
BUSINESS FIRMS	\$9,026	\$10,358	\$11,467	\$10,549	\$12,372
EDUCATIONAL	1,144	1,480	1,168	853	1,085
NONPROFIT	614	740	671	467	587
JPL	1,964	1,771	1,700	1,731	1,768
GOV'T AGENCIES	634	830	660	556	665
OUTSIDE U.S.	90	163	180	207	308
TOTAL	<u>\$13,472</u>	<u>\$15,342</u>	<u>\$15,846</u>	<u>\$14,363</u>	<u>\$16,785</u>

PERCENT OF TOTAL DOLLARS

BUSINESS FIRMS	67.0%	67.5%	72.4%	73.4%	73.7%
EDUCATIONAL	8.5%	9.6%	7.4%	5.9%	6.5%
NONPROFIT	4.6%	4.8%	4.2%	3.3%	3.5%
JPL	14.6%	11.5%	10.7%	12.1%	10.5%
GOV'T AGENCIES	4.7%	5.4%	4.2%	3.9%	4.0%
OUTSIDE U.S.	0.7%	1.1%	1.1%	1.4%	1.8%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

Appendix I shows distribution of NASA direct procurements by type of contractor for Fiscal Years 1961 - 2008.

### 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.

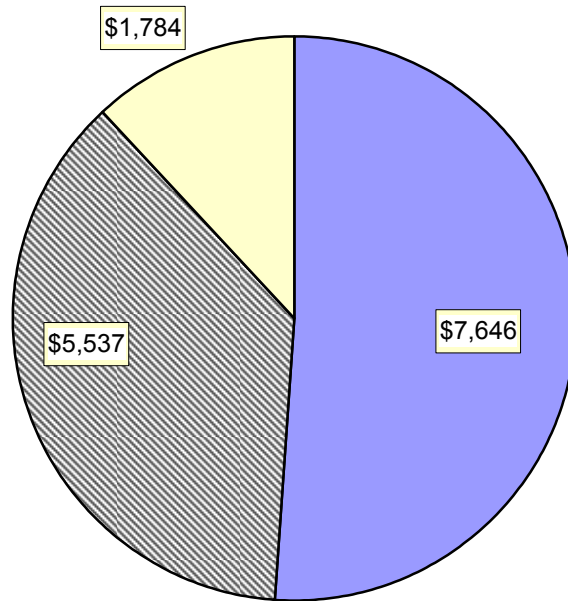
#### B. Reporting of Competition

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 2008

Appendices II and IIA show Competition to Business Firms for the period Fiscal Year 1961 – 2008.

## COMPETITION IN NASA AWARDS FISCAL YEAR 2008



<u>Total Available for Competition</u>	<u>Value (\$ Millions)</u>	<u>Percent of Total</u>
<b>Competed</b>	7,645.7	51.1%
<b>Not Competed*</b>	5,537.4	37.0%
<b>Follow-on</b>	1,783.9	11.9%
<b>Total:</b>	<b><u>\$ 14,967.0</u></b>	<b><u>100.0%</u></b>

\*Not Competed includes dollars that are not available for competition.

Figure 2



Shown below are the trends in extent of competition for Fiscal Years 2004-2008. Beginning with FY 2005 data was pulled from the Federal Procurement Data System – Next Generation (FPDS-NG) and not available at the same level of detail as previously captured.

TRENDS IN AWARDS BY EXTENT OF COMPETITION  
FISCAL YEARS 2004 - 2008

TYPE OF ACTION	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Net Value of Awards (Millions)					
<u>Total Available</u>	<u>\$9,630.8</u>	<u>\$12,202.1</u>	<u>\$10,678.3</u>	<u>\$12,707.6</u>	<u>\$14,666.8</u>
<u>Competed</u>	<u>\$ 5,653.5</u>	<u>\$ 5,998.8</u>	<u>\$ 6,356.4</u>	<u>\$ 6,253.4</u>	<u>\$ 7,645.7</u>
New Awards	1,198.8	*	*	*	*
Modifications	4,454.7	*	*	*	*
<u>Not Competed**</u>	<u>\$ 3,426.9</u>	<u>\$ 6,088.5</u>	<u>\$ 4,235.1</u>	<u>\$ 4,603.4</u>	<u>\$5,537.4</u>
New Awards	159.4	*	*	*	*
Modifications	3,267.5	*	*	*	*
<u>Follow-On</u>	<u>\$ 550.4</u>	<u>\$ 114.8</u>	<u>\$ 86.8</u>	<u>\$ 1,850.8</u>	<u>\$ 1,783.9</u>
New Awards	6.4	*	*	*	*
Modifications	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>102.0</u>
<u>Competed</u>	<u>57.5</u>	<u>58.7</u>	<u>59.5</u>	<u>49.2</u>	<u>52.1</u>
New Awards	8.3	12.4	*	*	*
Modifications	49.2	46.3	*	*	*
<u>Not Competed</u>	<u>37.1</u>	<u>35.6</u>	<u>39.7</u>	<u>36.2</u>	<u>37.8</u>
New Awards	3.9	1.7	*	*	*
Modifications	33.2	33.9	*	*	*
<u>Follow-On</u>	<u>5.4</u>	<u>5.7</u>	<u>0.8</u>	<u>14.6</u>	<u>12.2</u>
New Awards	0.8	0.1	*	*	*
Modifications	4.6	5.6	*	*	*

\*FY 2005 - FY 2008 data is obtained from the FPDS-NG system. Breakout between New Awards & Modifications is not available.

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

IV. AWARDS TO BUSINESS FIRMS

A. Awards by Contract Type

Fiscal Year 2008 – The table below depicts the trends in awards to business firms by contract type. Figure 3, on the following page, categorizes Fiscal Year 2008 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.

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TRENDS IN AWARDS TO BUSINESS FIRMS BY CONTRACT TYPE  
FISCAL YEARS 2004 - 2008

PROCUREMENT DOLLARS (IN MILLIONS)

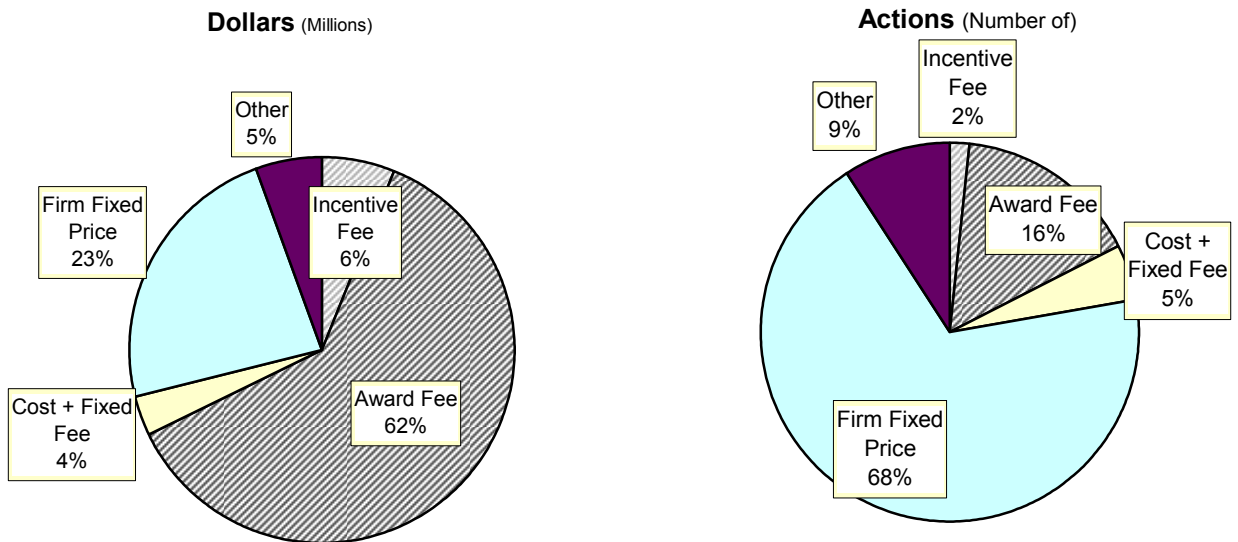
	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>
Firm Fixed Price	\$1,471	\$2,113	\$1,980	\$2,174	\$3,761
Incentive Fee	3,165	1,386	1,480	1,437	983
Award Fee	5,605	5,846	6,310	6,402	9,934
Cost Plus Fixed Fee	574	371	331	351	578
Other	460	811	682	392	880
<u>TOTAL BUSINESS</u>	<u>\$11,275</u>	<u>\$10,527</u>	<u>\$10,783</u>	<u>\$10,756</u>	<u>\$16,136</u>

PERCENT OF TOTAL DOLLARS

Firm Fixed Price	13%	20%	18%	20%	23%
Incentive Fee	28%	13%	14%	13%	6%
Award Fee	50%	55%	59%	60%	62%
Cost Plus Fixed Fee	5%	4%	3%	3%	4%
Other	4%	8%	6%	4%	5%
<u>TOTAL BUSINESS</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

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**AWARDS BY CONTRACT TYPE  
TO BUSINESS FIRMS  
FISCAL YEAR 2008**



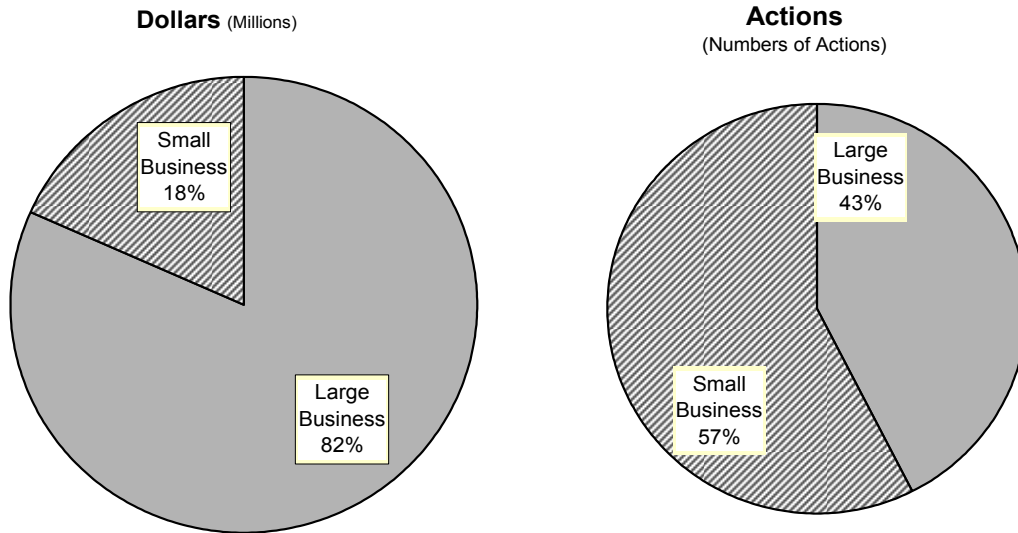
<b>Category</b>	<b>Amount (\$Millions)</b>	<b>Percent of Total</b>	<b>Actions (Number of)</b>	<b>Percent of Total</b>
Firm Fixed Price	\$ 3,760.9	23.3%	29,017	68.6%
FFP Level of Effort	\$ 0.5	0.0%	4	0.0%
Incentive Fee:				
Fixed Price Incentive Fee	266.7	1.7%	68	0.2%
Cost Plus Incentive Fee	716.6	4.4%	670	1.6%
Subtotal Incentive Fee	\$ 983.3	6.1%	738	1.7%
Cost Plus Award Fee	\$ 9,905.5	61.4%	6,570	15.5%
Fixed Price Award Fee	\$ 28.9	0.2%	103	0.2%
Cost Plus Fixed Fee	\$ 578.4	3.6%	2,021	4.8%
Other:				
Fixed Price Redermination	-	0.0%	-	0.0%
Economic Price Adj.	28.1	0.2%	116	0.3%
Cost No Fee	494.8	3.1%	483	1.1%
Cost Sharing	2.6	0.0%	12	0.0%
Labor Hour	29.2	0.2%	211	0.5%
Time & Material	95.3	0.6%	550	1.3%
Order Dependent	-	0.0%	81	0.2%
Other	155.5	1.0%	2,236	5.3%
Combination	73.9	0.5%	176	0.4%
Subtotal Other:	\$ 879.4	5.4%	3,865	9.1%
<b>Total</b>	<b>\$16,136.9</b>	<b>100.0%</b>	<b>42,318</b>	<b>100.0%</b>

Figure 3

B. Small Business Participation

Total Small Business - During Fiscal Year 2008, NASA awards to small business firms totaled \$2,270.7 million (See Figure 4). The \$2,270.7 million includes \$569.9 million in new awards. New awards to small business firms represented 49.3 percent of NASA's total new contract awards of \$1,155 million to all business firms during Fiscal Year 2008.

**SMALL BUSINESS PARTICIPATION  
FISCAL YEAR 2008**



<u>Category</u>	<u>Amount</u> (\$ Millions)	<u>Percent</u> of Total	<u>Actions</u> (Number of )	<u>Percent</u> of Total
Large Business	10,101.1	81.6%	12,220	42.6%
Small Business	\$ 2,270.7 *	18.4%	16,462	57.4%
Total:	\$ 12,371.8	100.0%	28,682	100.0%

\* Includes \$581.5 million awarded to small disadvantaged firms under Authority of Section 8(a) of the Small Business Act. Also includes \$99.7 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 2008, these set-asides amounted to \$898.1 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 2008, 8(a) awards totaled \$581.5 million.

(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 \$100 million, establish a Small Business Innovation Research Program. During Fiscal Year 2008, NASA awarded 380 new SBIR contracts totaling \$36.9 million. Of this amount, 278 were Phase I awards totaling \$27.6 million and 102 were Phase II awards totaling \$9.3 million. Also in Fiscal Year 2008, NASA funded on-going Phase II contracts with a total of \$47.3 million. Included in the total SBIR awards of \$84.4 million, 55 contracts, or \$4 million, were to small disadvantaged business firms, and 90 contracts, or \$6.7 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 2008, NASA awarded 43 new STTR contracts totaling \$6.3 million. Of this amount, 28 were Phase I awards totaling \$2.8 million, and 15 were Phase II awards totaling \$3.5 million. One hundred two on-going Phase II STTR contracts were also funded for a total of \$8.6 million. Included in the total STTR awards of \$15.3 million are 11 contracts for \$1.6 million to small disadvantaged business firms, and 39 contracts amounting to \$3.5 million to women-owned firms.

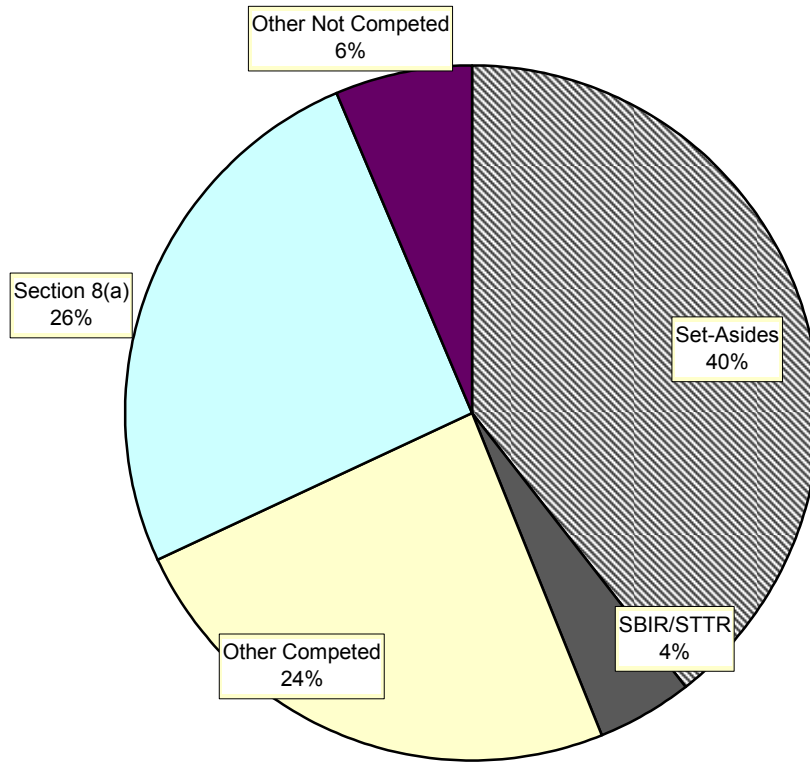
(5) Women-Owned Small Business Participation - In accordance with Executive Order 12138, Women's Business Enterprise, NASA extends a particular effort to ensure that business firms owned and controlled by women have an equitable opportunity to participate in NASA's procurement program. In Fiscal Year 2008, Women-Owned Small Business firms received prime contract awards totaling \$368.5 million.

(6) HubZone Small Business Awards – NASA awarded \$128.1 million to Hubzone Small Business Concerns in FY 2008.

(7) Veteran-Owned Small Business Awards – In FY 2008, NASA awarded over \$539.2 million to Veteran Owned Small Businesses. Of this amount, \$194 million was to Service Disabled Veteran Owned Small Businesses.

C. Extent of Competition in Small Business Awards

**COMPETITION IN SMALL BUSINESS AWARDS  
FISCAL YEAR 2008**



<b>Category</b>	<b>Amount (millions)</b>	<b>Percent of Total</b>
Set-Asides	\$ 898.1	39.6%
SBIR/STTR	99.7	4.4%
Other Competed	547.9	24.1%
Section 8(a)	581.5	25.6%
Other Not Competed	143.5	6.3%
<b>Total</b>	<b>\$ 2,270.7</b>	<b>100.0%</b>

Figure 5

D. Small Disadvantaged Business Participation

NASA's prime contract awards to small disadvantaged business firms during Fiscal Year 2008 totaled \$1,042.7 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 16.8 percent in Fiscal Year 2008, surpassing the 8 percent goal for the sixteenth year in a row.

TRENDS IN SMALL AND SMALL DISADVANTAGED  
BUSINESS AWARDS  
FISCAL YEARS 2004 - 2008  
(MILLIONS OF DOLLARS)

TYPE OF AWARD	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Section 8(a)	\$546.0	\$424.2	\$476.4	\$505.4	\$581.5
Other Small Disadv. Business	<u>375.0</u>	<u>260.2</u>	<u>279.3</u>	<u>271.5</u>	<u>461.2</u>
Total	<u>\$921.0</u>	<u>\$684.4</u>	<u>\$755.7</u>	<u>\$776.9</u>	<u>\$1,042.7</u>

Appendix III shows NASA awards to small business firms for Fiscal Years 1961-2008.

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 2008 are shown below. The awards to these contractors accounted for 88 percent of the direct awards to business firms during the year. The smallest aggregate award to any contractor was in excess of \$11 million. Of the one hundred contractors, 37 were small business firms and of these 11 were disadvantaged firms at the time of award.

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2008  
(S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>	<u>AWARDS</u>	
	<u>(DOLLARS)</u>	<u>PERCENT</u>
<u>TOTAL AWARDS TO BUSINESS FIRMS</u>	\$12,677,244,839	100.00
1. UNITED SPACE ALLIANCE LLC	1,748,395,906	13.79
2. LOCKHEED MARTIN CORP.	1,250,459,596	9.86
3. JACOBS TECHNOLOGY INC.	695,335,699	5.48
4. ATK LAUNCH SYSTEMS INC.	594,522,518	4.69
5. BOEING CO.	551,539,831	4.35
6. PRATT & WHITNEY ROCKETDYNE INC.	496,784,657	3.92
7. SCIENCE APPLICATIONS INTL CORP.	365,245,591	2.88
8. NORTHROP GRUMMAN SPACE & MISSION SYS	304,368,016	2.40
9. BOEING SATELLITE SYSTEMS INC.	283,450,298	2.24
10. S G T INC. (S)	275,867,799	2.18
11. SPACE GATEWAY SUPPORT	266,761,144	2.10
12. RUSSIAN SPACE AGENCY	199,782,273	1.58
13. MCDONNELL DOUGLAS CORP.	178,930,229	1.41
14. HONEYWELL TECHNOLOGY SOLUTIONS INC.	168,860,493	1.33
15. WYLE LABORATORIES	151,804,294	1.20
16. BALL AEROSPACE & TECH. CORP.	142,562,685	1.12
17. A S R C AEROSPACE CORP. (S) (D)	131,914,815	1.04
18. COMPUTER SCIENCES CORP.	115,103,223	0.91
19. DELTA LAUNCH SERVICES INC.	112,788,950	0.89
20. C S C APPLIED TECHNOLOGIES LLC	111,069,723	0.88
21. LOCKHEED MARTIN SPACE OPERATIONS	109,786,279	0.87
22. HENSEL PHELPS CONSTRUCTION CO.	108,464,473	0.86
23. O A O CORP.	107,356,944	0.85
24. UNITED LAUNCH SERVICES LLC	106,995,229	0.84
25. HAMILTON SUNDSTRAND CORP.	103,054,795	0.81
26. ROCKWELL INTERNATIONAL CORP.	102,535,149	0.81
27. ORBITAL SCIENCES CORP.	100,852,291	0.80
28. INDYNE INC. (S)	100,330,220	0.79
29. TELEDYNE BROWN ENGINEERING INC.	97,220,511	0.77
30. I T T INDUSTRIES SPACE SYSTEMS LLC	93,042,574	0.73
31. SPACE EXPLORATION TECHNOLOGIES CORP.	78,986,666	0.62
32. SCIENCE SYSTEMS & APPLICATIONS INC. (S)	78,917,467	0.62
33. GENERAL DYNAMICS C4 SYSTEMS INC.	66,516,330	0.52
34. E G & G TECHNICAL SERVICES INC.	61,572,614	0.49



ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2008  
 (S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>		<u>AWARDS</u>	
		<u>(DOLLARS)</u>	<u>PERCENT</u>
35. M E I TECHNOLOGIES INC.	(S)	60,688,193	0.48
36. LOCKHEED MARTIN GOV'T SERVICES INC.		60,351,779	0.48
37. LOCKHEED MARTIN SPACE SYSTEMS CO		58,801,015	0.46
38. TRAX INTERNATIONAL CORP.		58,361,526	0.46
39. ADNET SYSTEMS INC.	(S)	56,018,815	0.44
40. SWALES & ASSOCIATES INC.		53,072,217	0.42
41. ANALEX CORP.		52,894,206	0.42
42. Q S S GROUP INC.	(S)	51,615,375	0.41
43. TESSADA & ASSOCIATES INC.	(S) (D)	51,005,017	0.40
44. RAYTHEON COMPANY		48,520,044	0.38
45. ENTERPRISE ADVISORY SERVICES INC.	(S) (D)	44,445,382	0.35
46. RAYTHEON TECHNICAL SERVICES CO.		40,853,352	0.32
47. ARES CORP.	(S)	37,051,445	0.29
48. MANTECH SYSTEMS ENGINEERING CORP.		34,411,159	0.27
49. NORTHROP GRUMMAN TECHNICAL SVCS INC.		34,352,716	0.27
50. CUBE CORP.	(S)	34,321,409	0.27
51. BARRIOS TECHNOLOGY LTD	(S)	33,827,936	0.27
52. RAYTHEON INFORMATION SYSTEMS CO		30,619,552	0.24
53. CANADIAN COMMERCIAL CORP.		30,195,820	0.24
54. PARSONS INFRASTRUCTURE & TECH		30,118,641	0.24
55. COLSA CORP.	(S)	28,741,250	0.23
56. SIERRA LOBO INC.	(S) (D)	28,398,020	0.22
57. HAMILTON SUNDSTRAND SPACE SYS INTL.		25,454,494	0.20
58. SAUER INC.		24,878,710	0.20
59. SP KOROLEV ROCKET & SPACE PUBLIC CORP		24,646,772	0.19
60. I K B I INC.	(S) (D)	24,439,698	0.19
61. NORTHROP GRUMMAN SYSTEMS CORP.		23,800,044	0.19
62. COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH		23,162,620	0.18
63. BOOZ ALLEN & HAMILTON INC.		22,252,698	0.18
64. HERNANDEZ ENGINEERING INC.	(S)	21,416,983	0.17
65. S R S TECHNOLOGIES	(S)	20,484,279	0.16
66. DIVERSIFIED GLOBAL RESOURCES JV LLC	(S) (D)	20,325,024	0.16
67. INSTITUTO NACIONAL DE TECNICA AEROESPACIAL		20,148,000	0.16
68. PRAXAIR INC.		20,138,330	0.16
69. SECTEK INC.	(S)	19,779,640	0.16
70. MANHATTAN CONSTRUCTION CO.		19,692,666	0.16
71. MAINTHIA TECHNOLOGIES	(S) (D)	19,539,904	0.15
72. AIR PRODUCTS & CHEMICALS INC.		17,700,366	0.14
73. INFOPRO CORP.	(S) (D)	17,315,549	0.14
74. INDUS CORP.	(S)	16,669,640	0.13
75. I A P WORLD SERVICES INC.		16,560,606	0.13
76. CAPITOL TECHNOLOGY SERVICES INC.	(S) (D)	16,102,781	0.13
77. SILICON GRAPHICS FEDERAL INC.		15,014,639	0.12
78. DYNAMAC CORP.	(S)	14,561,154	0.11

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2008  
 (S=Small Business/D=Disadvantaged Business)

	<u>CONTRACTOR</u>		<u>AWARDS</u>	
			<u>(DOLLARS)</u>	<u>PERCENT</u>
79.	BASTION TECHNOLOGIES INC.	(S) (D)	14,057,051	0.11
80.	OCEANEERING INTERNATIONAL INC.		13,986,364	0.11
81.	GOTTFRIED CONTRACTING LLC	(S)	13,914,438	0.11
82.	MUNIZ ENGINEERING INC.	(S)	13,882,924	0.11
83.	EDEN CRYOGENICS LLC	(S)	13,837,009	0.11
84.	J DIAMOND GROUP INC.	(S)	13,828,612	0.11
85.	BENHAM COMPANIES LLC		13,515,000	0.11
86.	PRENTEX ALLOY FABRICATORS INC.	(S)	13,137,376	0.10
87.	ELORET CORP.	(S)	12,977,507	0.10
88.	POTOMAC ELECTRIC POWER COMPANY		12,909,346	0.10
89.	AEROJET GENERAL CORP.		12,867,668	0.10
90.	SENSIS CORP.	(S)	12,830,209	0.10
91.	REDE CRITIQUE	(S) (D)	12,666,623	0.10
92.	ASSURANCE TECHNOLOGY CORP.		12,464,744	0.10
93.	MISSISSIPPI POWER COMPANY		12,198,483	0.10
94.	ARCATA ASSOCIATES INC.	(S)	12,181,105	0.10
95.	TXU ENERGY RETAIL COMPANY LP		12,150,931	0.10
96.	ANALYTICAL MECHANICS ASSOCIATES	(S)	12,094,101	0.10
97.	TYBRIN CORP.	(S)	11,857,584	0.09
98.	TITAN CORP.		11,653,202	0.09
99.	E TOUCH SYSTEMS CORP.		11,582,976	0.09
100.	COASTAL INTERNATIONAL SECURITY		11,413,753	0.09
	OTHER*		1,531,289,085	12.08

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

Net awards during Fiscal Year 2008 totaled \$1,767.8 million. Of this amount, JPL awarded \$731 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 2008, \$1,713.6 million was awarded to educational and other nonprofit institutions. Of this amount, \$1,085.2 million was awarded to educational institutions and \$628.5 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*	\$635.3	\$327.5	\$307.8
Grants	581.9	460.0	121.9
Cooperative Agreements	385.8	245.9	139.8
Space Act Agreements	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Total	\$1,603.0	\$1,033.4	\$569.5

Excludes JPL. \*Does not include Delivery Orders or Purchase Orders

In addition to the \$581.9 million in grant awards to educational and nonprofit firms, NASA also awarded \$16.8 million in grants to business firms bringing the total grant awards to \$598.7 million. Agreements (both Space Act and Cooperative) increased to \$526.5 million when awards to business firms of \$140.7 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 2008 are shown on Pages 18-20.

The awards to these institutions accounted for 85 percent of the total awards to educational and nonprofit institutions during the period. Sixty-seven of the top 100 were educational institutions; 33 were nonprofit organizations.

\*Excludes JPL.

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2008  
(N=Nonprofit Institution)

<u>INSTITUTION</u>	<u>AWARDS</u> (DOLLARS) (PERCENT)
<u>TOTAL AWARDS TO EDUCATIONAL &amp; NONPROFIT INSTITUTIONS</u>	\$1,672,371,028 100.00
1. JOHNS HOPKINS UNIVERSITY	\$162,696,752 9.73
2. ASSN UNIV RESEARCH & ASTRONOMY (N)	94,642,379 5.66
3. SMITHSONIAN INSTITUTION (N)	81,396,242 4.87
4. SOUTHWEST RESEARCH INSTITUTE (N)	63,977,436 3.83
5. UNIVERSITY OF ARIZONA	60,408,578 3.61
6. UNIVERSITY OF COLORADO BOULDER	59,761,979 3.57
7. UNIVERSITY OF MARYLAND COLLEGE PARK	54,072,310 3.23
8. UNIVERSITIES RESEARCH ASSOCIATION (N)	51,613,296 3.09
9. STANFORD UNIVERSITY	42,167,426 2.52
10. UNIVERSITY MARYLAND BALTIMORE CNTY	38,340,626 2.29
11. CALIFORNIA INSTITUTE OF TECHNOLOGY	35,147,237 2.10
12. UNIVERSITY OF CALIFORNIA BERKELEY	33,815,951 2.02
13. NATIONAL INSTITUTE AEROSPACE ASSOC. (N)	24,732,983 1.48
14. MASSACHUSETTS INSTITUTE OF TECHNOLOGY	23,567,374 1.41
15. NEW MEXICO STATE UNIVERSITY	22,974,834 1.37
16. PENNSYLVANIA STATE UNIVERSITY	22,323,312 1.33
17. BAYLOR COLLEGE OF MEDICINE	20,568,414 1.23
18. OAK RIDGE ASSOCIATED UNIVERSITIES INC. (N)	16,905,606 1.01
19. UNIVERSITY OF HAWAII	16,542,605 0.99
20. UNIVERSITY CORP. ATMOSPHERIC RESEARCH (N)	16,426,780 0.98
21. UNIVERSITY OF ALABAMA	16,420,516 0.98
22. COLUMBIA UNIVERSITY	15,238,721 0.91
23. UNIVERSITY OF CALIFORNIA LOS ANGELES	15,218,562 0.91
24. GEORGIA TECH RESEARCH CORP (N)	15,092,358 0.90
25. S E T I INSTITUTE (N)	14,722,470 0.88
26. UNIVERSITY OF ALASKA	14,663,793 0.88
27. UNIVERSITY OF NEW HAMPSHIRE	12,647,354 0.76
28. UNIVERSITY OF WISCONSIN MADISON	12,148,081 0.73
29. UNIVERSITY OF WASHINGTON	12,016,729 0.72

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2008  
(N=Nonprofit Institution)

	<u>INSTITUTION</u>	<u>AWARDS</u>	
		<u>(DOLLARS)</u>	<u>(PERCENT)</u>
30.	AEROSPACE CORP	(N) 11,713,852	0.70
31.	UNIVERSITY OF MICHIGAN	11,657,839	0.70
32.	UNIVERSITY OF TEXAS AUSTIN	11,356,639	0.68
33.	GEORGE MASON UNIVERSITY	11,105,954	0.66
34.	COLORADO STATE UNIVERSITY	11,090,428	0.66
35.	UNITED NEGRO COLLEGE FUND	(N) 10,440,925	0.62
36.	NATIONAL ACADEMY SCIENCES	(N) 10,068,731	0.60
37.	ARIZONA STATE UNIVERSITY	10,005,201	0.60
38.	CHARLES STARK DRAPER LABS	(N) 9,424,167	0.56
39.	WEST VIRGINIA UNIVERSITY	8,377,117	0.50
40.	O S U CENTER FOR INNOVATION & ECONOMIC DEV. INC	(N) 8,120,258	0.49
41.	CORNELL UNIVERSITY	7,675,424	0.46
42.	UNIVERSITY OF CALIFORNIA SAN DIEGO	7,564,348	0.45
43.	OHIO AEROSPACE INSTITUTE	(N) 7,417,219	0.44
44.	WASHINGTON UNIVERSITY	7,099,326	0.42
45.	SAN JOSE STATE UNIVERSITY RESEARCH FOUNDATION	(N) 7,087,666	0.42
46.	UNIVERSITY OF ILLINOIS	6,886,892	0.41
47.	HARVARD UNIVERSITY	6,843,679	0.41
48.	PRINCETON UNIVERSITY	6,791,835	0.41
49.	CARNEGIE INSTITUTION OF WASHINGTON	(N) 6,738,194	0.40
50.	UNIVERSITY MINNESOTA	6,648,832	0.40
51.	BOSTON UNIVERSITY	6,516,946	0.39
52.	WHEELING JESUIT UNIVERSITY	6,172,218	0.37
53.	CATHOLIC UNIVERSITY OF AMERICA	6,134,131	0.37
54.	UNIVERSITY OF NORTH DAKOTA	5,741,820	0.34
55.	UNIVERSITY OF CALIFORNIA IRVINE	5,725,653	0.34
56.	OHIO STATE UNIVERSITY RESEARCH FNDTN	(N) 5,695,490	0.34
57.	BAY AREA ENVIRONMENTAL RESEARCH INST. INC.	(N) 5,564,903	0.33
58.	UNIVERSITY OF CALIFORNIA SANTA CRUZ	5,526,446	0.33
59.	PRIDE INDUSTRIES	(N) 5,141,229	0.31
60.	UNIVERSITY OF ALABAMA BIRMINGHAM	5,093,707	0.30
61.	UNIVERSITY OF NEBRASKA	4,790,948	0.29
62.	UNIVERSITY OF SOUTHERN MISSISSIPPI	4,761,448	0.28
63.	BROWN UNIVERSITY	4,696,007	0.28
64.	UNIVERSITY OF IOWA	4,665,065	0.28
65.	TEXAS ENGINEERING EXPERIMENT STATION	(N) 4,642,152	0.28
66.	MELWOOD HORTICULTURE TRAIN CTR	(N) 4,572,329	0.27
67.	LOMA LINDA UNIVERSITY	4,561,632	0.27
68.	MONTANA STATE UNIVERSITY	4,445,837	0.27
69.	MORGAN STATE UNIVERSITY	4,428,444	0.26
70.	STATE UNIV NEW YORK RESEARCH FNDTN	(N) 4,239,316	0.25
71.	UNIVERSITY OF VIRGINIA	4,228,746	0.25

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2008  
(N=Nonprofit Institution)

<u>INSTITUTION</u>		<u>AWARDS</u>	
		<u>(DOLLARS)</u>	<u>(PERCENT)</u>
72. INSTITUTE OF GLOBAL ENVIRONMENT & SOCIETY	(N)	4,161,478	0.25
73. PURDUE UNIVERSITY		4,160,357	0.25
74. PLANETARY SCIENCE INSTITUTE	(N)	4,021,275	0.24
75. UNIVERSITY OF CALIFORNIA SANTA BARBARA		3,943,188	0.24
76. HAMPTON UNIVERSITY		3,891,276	0.23
77. HAMPTON CITY	(N)	3,850,205	0.23
78. S R I INTERNATIONAL	(N)	3,837,729	0.23
79. OREGON STATE UNIVERSITY		3,792,585	0.23
80. UNIVERSITY OF DELAWARE		3,765,531	0.23
81. UNIVERSITY OF VERMONT & STATE AGRICULTURE CLG		3,760,397	0.22
82. NATIONAL SPACE GRANT FOUNDATION	(N)	3,743,444	0.22
83. UNIVERSITY OF MISSISSIPPI		3,674,471	0.22
84. VON BRAUN CENTER SCIENCE & INNOVATION	(N)	3,547,988	0.21
85. UNIVERSITY OF FLORIDA		3,515,753	0.21
86. UNIVERSITY OF TOLEDO		3,506,604	0.21
87. UNIV TEXAS SOUTHWESTERN MEDICAL CTR	(N)	3,431,521	0.21
88. DARTMOUTH COLLEGE		3,321,803	0.20
89. CALIFORNIA ASSN RESEARCH IN ASTRONOMY	(N)	3,140,000	0.19
90. UNIVERSITY OF CALIFORNIA DAVIS		3,101,865	0.19
91. UNIVERSITY OF CENTRAL FLORIDA		3,060,355	0.18
92. RESEARCH FNDTN CITY UNIV NEW YORK	(N)	3,059,295	0.18
93. OLD DOMINION UNIVERSITY RESEARCH FNDTN	(N)	2,951,705	0.18
94. UNIVERSITY OF MIAMI		2,907,887	0.17
95. UNIVERSITY OF TENNESSEE		2,866,554	0.17
96. UNIVERSITY OF CHICAGO		2,793,481	0.17
97. UNIVERSITY OF PUERTO RICO		2,676,106	0.16
98. NORTH CAROLINA STATE UNIVERSITY		2,640,413	0.16
99. VANDERBILT UNIVERSITY		2,626,503	0.16
100. UNIVERSITY OF UTAH		2,617,421	0.16
**OTHER		212,921,223	12.73

## VII. AWARDS BY TYPE OF EFFORT

During Fiscal Year 2008, \$16,137.0 million was awarded 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 Actions</u>
<u>Total</u>	<u>\$ 16,137.0</u>	<u>42,064</u>
<u>Research &amp; Development</u>	<u>\$ 7,147.6</u>	<u>18,337</u>
Space Science & Applications	3,199.1	10,492
Space Flight	1,176.0	561
Space Station	505.2	59
Aeronautics & Space Technology	557.4	4,959
Space Operations	480.1	149
Commercial Programs	0.5	14
Other Space R&D	193.7	283
Other R&D	1,035.6	1,820
<u>Services</u>	<u>\$ 7,528.1</u>	<u>14,359</u>
Professional, Admin. & Mgmt. Support	3,801.8	5,182
ADP & Telecommunications	834.5	2,131
Operation of Gov't-owned Facilities	614.5	484
Special Studies & Analyses-Not R&D	437.9	745
Construction of Structures & Facilities	382.8	627
Transportation, Travel & Relocation Svc.	356.9	357
Utilities & Housekeeping	288.4	726
Quality Control, Testing & Inspection	143.2	322
Architect & Engineering Services	137.2	746
Maint., Repair or Alteration Real Property	131.5	554
Other Services	399.4	2,485
<u>Supplies &amp; Equipment</u>	<u>\$ 1,461.3</u>	<u>9,368</u>
Space Vehicles	1,009.1	329
ADP Equipment, Software, Supplies & Support Equipment	133.0	2,825
Instruments & Laboratory Equipment	66.0	2,171
Fuels, Lubricants, Oils & Waxes	52.7	307
Electrical & Electronic Equip. Components	45.4	608
Furnace, Steam Plant & Drying Equipment	23.3	23
Chemicals & Chemical Products	22.5	223
Special Industry Machinery	18.3	97
Other Supplies & Equipment	91.0	2,785

VIII. AWARDS THROUGH OTHER GOVERNMENT AGENCIES

During Fiscal Year 2008, \$665.2 million was awarded through other Government agencies. The following table shows the distribution of these awards by agency.

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<u>AWARDS THROUGH OTHER GOVERNMENT AGENCIES</u>		
<u>FISCAL YEAR 2008</u>		
<u>AGENCY</u>	<u>MILLIONS</u>	<u>% OF TOTAL</u>
<u>TOTAL</u>	<u>\$ 665.2</u>	<u>100.0</u>
Air Force	107.0	16.1
Navy	67.1	10.1
Energy Department	114.5	17.2
Army	76.8	11.5
Commerce Department	20.6	3.1
National Science Foundation	9.6	1.4
Interior Department	19.8	3.0
Defense Department	104.6	15.7
Justice Department	0.4	0.1
Other Government Agencies	144.8	21.8

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IX. U.S. GEOGRAPHICAL DISTRIBUTION OF AWARDS

In Fiscal Year 2008, 50 states and the District of Columbia participated in NASA's direct awards. The distribution of awards is also shown by region (See Page 25).

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, awards outside the US, and actions against the JPL contract.



US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2008

STATE	TOTAL	BUSINESS	EDUCATIONAL & NONPROFIT
TOTAL	\$13,848,152,165	\$12,179,934,723	\$1,668,217,442
ALABAMA	754,391,103	719,715,894	34,675,209
ALASKA	20,613,485	5,925,213	14,688,272
ARIZONA	183,485,931	108,366,967	75,118,963
ARKANSAS	2,688,116	315,968	2,372,148
CALIFORNIA	2,147,247,133	1,890,324,030	256,923,103
COLORADO	865,710,334	778,473,423	87,236,911
CONNECTICUT	147,488,926	144,098,367	3,390,559
DELAWARE	10,732,660	6,902,708	3,829,953
DIST COLUMBIA	144,519,931	108,295,930	36,224,001
FLORIDA	1,144,410,110	1,129,038,499	15,371,611
GEORGIA	24,607,333	7,187,900	17,419,433
HAWAII	19,297,335	71,258	19,226,077
IDAHO	3,048,429	366,555	2,681,874
ILLINOIS	30,333,381	17,246,310	13,087,071
INDIANA	102,386,156	95,947,822	6,438,334
IOWA	8,358,081	1,351,981	7,006,100
KANSAS	2,865,618	333,897	2,531,721
KENTUCKY	4,728,683	598,105	4,130,578
LOUISIANA	378,254,457	374,953,091	3,301,366
MAINE	4,759,088	323,623	4,435,465
MARYLAND	1,579,227,876	1,189,535,903	389,691,973
MASSACHUSETTS	186,762,068	57,733,823	129,028,245
MICHIGAN	21,763,824	6,892,246	14,871,578
MINNESOTA	17,382,898	10,455,967	6,926,931
MISSISSIPPI	373,430,064	361,434,615	11,995,450
MISSOURI	19,996,706	9,397,682	10,599,024
MONTANA	8,617,866	2,646,826	5,971,040
NEBRASKA	4,900,936	111,730	4,789,206
NEVADA	4,883,173	2,783,452	2,099,722
NEW HAMPSHIRE	25,260,726	7,035,421	18,225,305
NEW JERSEY	72,408,767	59,638,831	12,769,936
NEW MEXICO	111,561,307	85,675,702	25,885,606
NEW YORK	65,168,281	28,812,355	36,355,925
NORTH CAROLINA	9,444,550	3,404,631	6,039,919
NORTH DAKOTA	5,818,535	78,790	5,739,746
OHIO	243,631,007	215,463,761	28,167,246
OKLAHOMA	10,101,231	249,067	9,852,164
OREGON	9,973,875	4,856,332	5,117,543
PENNSYLVANIA	49,437,943	19,550,695	29,887,247
RHODE ISLAND	5,912,831	742,808	5,170,023
SOUTH CAROLINA	4,099,924	1,193,389	2,906,535
SOUTH DAKOTA	3,484,128	22,797	3,461,331
TENNESSEE	33,396,961	9,518,457	23,878,504
TEXAS	3,609,974,858	3,477,304,481	132,670,377

US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2008 (cont'd)

STATE	TOTAL	BUSINESS	EDUCATIONAL & NONPROFIT
UTAH	606,541,445	601,282,957	5,258,488
VERMONT	4,577,628	817,231	3,760,397
VIRGINIA	667,204,581	592,484,439	74,720,141
WASHINGTON	32,593,662	15,873,795	16,719,867
WEST VIRGINIA	41,548,177	20,998,372	20,549,805
WISCONSIN	17,339,565	3,810,759	13,528,806
WYOMING	1,780,478	289,870	1,490,608

NOTE: Excludes awards placed through other Government agencies, awards outside the U.S., and actions on the JPL contracts.

U.S. GEOGRAPHICAL DISTRIBUTION  
OF NASA PRIME CONTRACT AWARDS  
Fiscal Year 2008

GRAND TOTAL 13,848,152,161

Region & State	Total
<b>NEW ENGLAND</b>	374,761,267
Maine	4,759,088
Vermont	4,577,628
Rhode Island	5,912,831
Massachusetts	186,762,068
Connecticut	147,488,926
New Hampshire	25,260,726
<b>MIDEAST</b>	1,921,495,458
Maryland	1,579,227,876
New Jersey	72,408,767
New York	65,168,281
Pennsylvania	49,437,943
Delaware	10,732,660
Dist Columbia	144,519,931
<b>SOUTHEAST</b>	3,438,204,059
Alabama	754,391,103
Arkansas	2,688,116
Florida	1,144,410,110
Georgia	24,607,333
Louisiana	378,254,457
Mississippi	373,430,064
North Carolina	9,444,550
Tennessee	33,396,961
Virginia	667,204,581
West Virginia	41,548,177
Kentucky	4,728,683
South Carolina	4,099,924
<b>GREAT LAKES</b>	415,453,933
Illinois	30,333,381
Indiana	102,386,156
Michigan	21,763,824
Ohio	243,631,007
Wisconsin	17,339,565

Region & State	Total
<b>PLAINS</b>	62,806,902
North Dakota	5,818,535
South Dakota	3,484,128
Nebraska	4,900,936
Kansas	2,865,618
Minnesota	17,382,898
Iowa	8,358,081
Missouri	19,996,706
<b>SOUTHWEST</b>	3,915,123,327
Arizona	183,485,931
New Mexico	111,561,307
Oklahoma	10,101,231
Texas	3,609,974,858
<b>ROCKY MOUNTAIN</b>	1,485,698,552
Colorado	865,710,334
Utah	606,541,445
Idaho	3,048,429
Montana	8,617,866
Wyoming	1,780,478
<b>FAR WEST</b>	2,194,697,843
Washington	32,593,662
California	2,147,247,133
Oregon	9,973,875
Nevada	4,883,173
<b>ALASKA &amp; HAWAII</b>	39,910,820
Alaska	20,613,485
Hawaii	19,297,335

X. AWARDS PLACED OUTSIDE THE UNITED STATES

During Fiscal Year 2008, NASA placed \$308.8 million in awards that are being performed outside the United States. These awards are being performed in twenty-seven countries and one U.S. territory.

Place of Performance

<u>Direct NASA Awards</u>	<u>\$308,823,968</u>
Albania	\$60,000
Australia	23,189,570
Austria	884,367
Belgium	200
Brazil	92,000
Canada	31,469,544
China	-150
Costa Rica	55,942
Denmark	212,230
Ireland	6,000
Finland	26,050
France	937,019
Gabon	57,471
Germany	1,060,122
Hungary	19,653
Israel	62,950
Italy	-34,250
Japan	35,459
Kenya	470,950
Norway	1,142,010
Peru	278,568
Panama	381,011
Puerto Rico	-28,163
Russia	225,049,434
Spain	22,088,532
Sweden	34,744
Switzerland	528,623
United Kingdom	804,082

XI. PROCUREMENT ACTIVITY BY INSTALLATION

Most of NASA's purchases and contracts are made by the procurement offices of its field installations. During Fiscal Year 2008, these offices accounted for 96 percent of the total procurement dollars.

<u>INSTALLATION</u>	AWARD (MILLIONS)	PERCENT
TOTAL	<u>\$16,136.7</u>	<u>100.0</u>
Johnson Space Center	4,732.2	29.3
Goddard Space Flight Center	2,911.9	18.0
Marshall Space Flight Center	2,532.5	15.7
NASA Management Office*	1,951.3	12.1
Kennedy Space Center	1,202.3	7.5
NASA Shared Services Center	685.9	4.3
Langley Research Center	491.7	3.0
Ames Research Center	480.4	3.0
Glenn Research Center	412.2	2.6
Stennis Space Center	353.1	2.2
Headquarters	260.7	1.6
Dryden Flight Research Center	122.5	0.8

\*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 agency's fiscal records.
  - b. Detailed data - Information on procurements includes all contracts, grants, and 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 and Space Act 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

\*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 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.

APPENDIX I

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 2000 - 2004

TYPE	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	
<u>Total</u>	<u>\$12,504.7</u>	<u>\$12,748.1</u>	<u>\$13,302.5</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>	
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	
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	
Nonprofit	465.8	523.4	582.5	575.5	614.6	740.0	671.3	467.4	587.1	
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	
Government	382.4	382.0	486.1	601.1	634.1	830.0	659.9	556.4	665.2	
Outside U.S.	97.3	97.4	66.9	71.6	89.9	163.0	179.8	207.4	308.3	
<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>	
Business Firms	74	72	72	69	67	68	72	74	74	
Educational	8	9	9	13	8	10	8	6	6	
Nonprofit	4	4	4	5	4	5	4	3	3	
JPL	10	11	11	8	15	11	11	12	11	
Government	3	3	3	5	5	5	4	4	4	
Outside U.S.	1	1	1	0	1	1	1	1	2	

\* Less than 0.5 percent.

APPENDIX I

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 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

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 - 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 & Modifications is not available.

APPENDIX IIA

COMPETITION IN NASA AWARDS

FISCAL YEARS 2006 -

TYPE OF ACTION	FY 2006	FY 2007	FY 2008						
<u>Total Available</u>	<u>\$10,678.3</u>	<u>\$12,707.6</u>	<u>\$14,666.8</u>						
<u>Competed</u>	<u>6,356.4</u>	<u>6,253.4</u>	<u>7,645.7</u>						
New Awards	*	*	*						
Modifications	*	*	*						
<u>Not Competed**</u>	<u>4,235.1</u>	<u>4,603.4</u>	<u>5,537.4</u>						
New Awards	*	*	*						
Modifications	*	*	*						
<u>Follow-On</u>	<u>86.8</u>	<u>1,850.8</u>	<u>1,783.9</u>						
New Awards	*	*	*						
Modifications	*	*	*						
				Percent of Total					
<u>Total Available</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>						
New Awards	*	*	*						
Modifications	*	*	*						
<u>Not Competed</u>	<u>49.9</u>	<u>36.3</u>	<u>35.7</u>						
New Awards	*	*	*						
Modifications	*	*	*						
<u>Follow-On</u>	<u>0.9</u>	<u>14.6</u>	<u>12.2</u>						
New Awards	*	*	*						
Modifications	*	*	*						

\* FY 2006- FY 2008 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

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 - 2004

(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		
<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>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>		
% OF TOTAL	17.5	17.6	16.8	19.5	17.6	16.9	18.6	18.4		
<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>		
% OF TOTAL	6.2	6.1	5.0	6.1	6.0	5.8	6.9	7.3		
% OF SMALL	35.3	34.6	29.8	31.4	34.1	34.3	37.3	39.6		
<u>TOTAL BUSINESS</u>										
<u>SMALL BUSINESS</u>										
% OF TOTAL										
<u>SET-ASIDES</u>										
% OF TOTAL										
% OF SMALL										