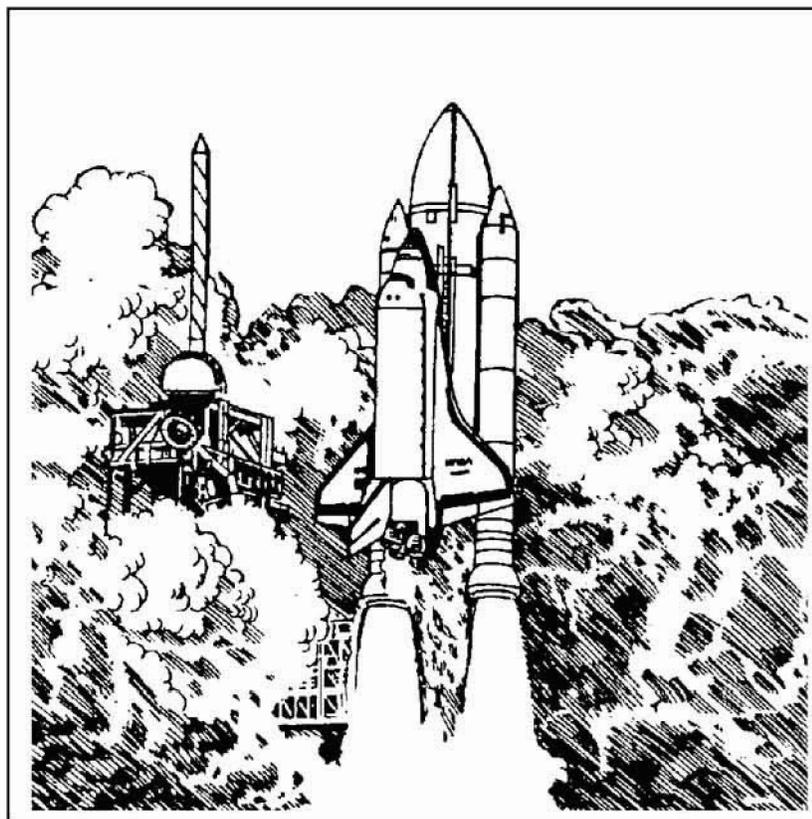




# ANNUAL PROCUREMENT REPORT

Fiscal Year 200-

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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 2009 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 January 2010

## TABLE OF CONTENTS

	<u>Page</u>
I. TOTAL PROCUREMENTS .....	2
II. AWARDS BY TYPE OF CONTRACTOR.....	3
III. COMPETITION IN NASA AWARDS.....	5
A. Competition in Contracting Act.....	5
B. Reporting of Competition .....	5
C. Competition During Fiscal Year 2009.....	5
IV. AWARDS TO BUSINESS FIRMS.....	8
A. Awards By Contract Type .....	8
B. Small Business Participation.....	10
C. Extent of Competition on Small Business Awards.....	13
D. Small Disadvantaged Business Participation.....	14
E. One Hundred Principal Contractors .....	15
V. CONTRACT FOR OPERATION OF JET PROPULSION LABORATORY .....	18
VI. AWARDS TO EDUCATIONAL & OTHER NONPROFIT INSTITUTIONS.....	18
A. Distribution by Type of Institution & Award.....	18
B. One Hundred Principal Educational & Nonprofit Institutions.....	19
VII. AWARDS BY TYPE OF EFFORT.....	22
VIII. AWARDS THROUGH OTHER GOVERNMENT AGENCIES.....	23
IX. U.S. GEOGRAPHICAL DISTRIBUTION OF AWARDS.....	23
X. AWARDS PLACED OUTSIDE THE UNITED STATES.....	27
XI. PROCUREMENT ACTIVITY BY INSTALLATION.....	28
GLOSSARY .....	29
APPENDICES .....	31

I. TOTAL PROCUREMENTS

Fiscal Year 2009 - NASA's procurements totaled \$16,729.4 million. The number of procurement actions totaled 43,667.

TRENDS IN  
PROCUREMENT OBLIGATIONS VS. TOTAL NASA OBLIGATIONS \*  
FISCAL YEARS 2005 - 2009  
(MILLIONS OF DOLLARS)

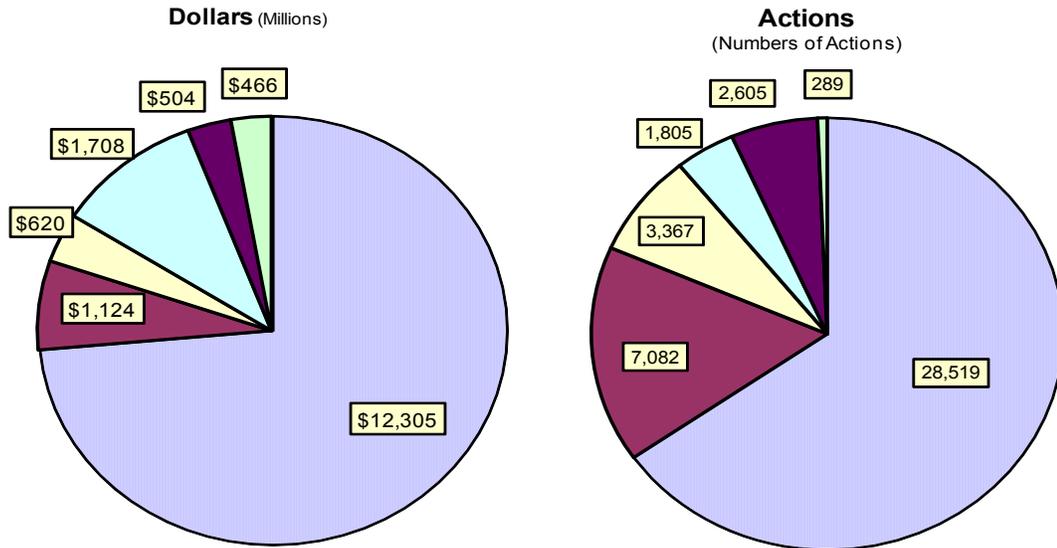
Fiscal Year	Total NASA Obligations	Procurement Obligations	
		Amount	% of Total Obligations
2009	\$20,181.2	\$16,727.0	82.9%
2008	\$20,299.5	\$16,785.4	82.7%
2007	\$17,651.4	\$14,363.3	81.4%
2006	\$17,773.4	\$15,046.2	84.6%
2005	\$18,069.1	\$15,342.4	84.9%

\*Total NASA obligations include salaries, benefits and travel of NASA employees, as well as 116,972 credit card purchases in the amount of \$80.6 million.

II. AWARDS BY TYPE OF CONTRACTOR

Fiscal Year 2009 - 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 2009**



<u>Category</u>	<u>Value</u> (\$ millions)	<u>Percent</u> of Total	<u>Actions</u> (Number of )	<u>Percent</u> of Total
Business Firms	\$ 12,305.2	73.6%	28,519	65.3%
Educational Institutions	1,124.0	6.7%	7,082	16.2%
Nonprofit Organizations	619.9	3.7%	3,367	7.7%
JPL	1,707.5	10.2%	1,805	4.1%
GoVt Agencies	504.3	3.0%	2,605	6.0%
Outside U.S.	466.1	2.8%	289	0.7%
<b>Total:</b>	<b>\$ 16,727.0</b>	<b>100.0%</b>	<b>43,667</b>	<b>100.0%</b>

Figure 1

TRENDS IN AWARDS BY TYPE OF CONTRACTOR  
FISCAL YEARS 2005 - 2009

PROCUREMENT DOLLARS (IN MILLIONS)

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
BUSINESS FIRMS	\$10,358	\$11,467	\$10,549	\$12,372	\$12,305
EDUCATIONAL	1,480	1,168	853	1,085	1,124
NONPROFIT	740	671	467	587	620
JPL	1,771	1,700	1,731	1,768	1,708
GOV'T AGENCIES	830	660	556	665	504
OUTSIDE U.S.	163	180	207	308	466
TOTAL	<u>\$15,342</u>	<u>\$15,846</u>	<u>\$14,363</u>	<u>\$16,785</u>	<u>\$16,727</u>

PERCENT OF TOTAL DOLLARS

BUSINESS FIRMS	67.5%	72.4%	73.4%	73.7%	73.6%
EDUCATIONAL	9.6%	7.4%	5.9%	6.5%	6.7%
NONPROFIT	4.8%	4.2%	3.3%	3.5%	3.7%
JPL	11.5%	10.7%	12.1%	10.5%	10.2%
GOV'T AGENCIES	5.4%	4.2%	3.9%	4.0%	3.0%
OUTSIDE U.S.	1.1%	1.1%	1.4%	1.8%	2.8%
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 direct procurements by type of contractor for Fiscal Years 1961 - 2009.

### 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.

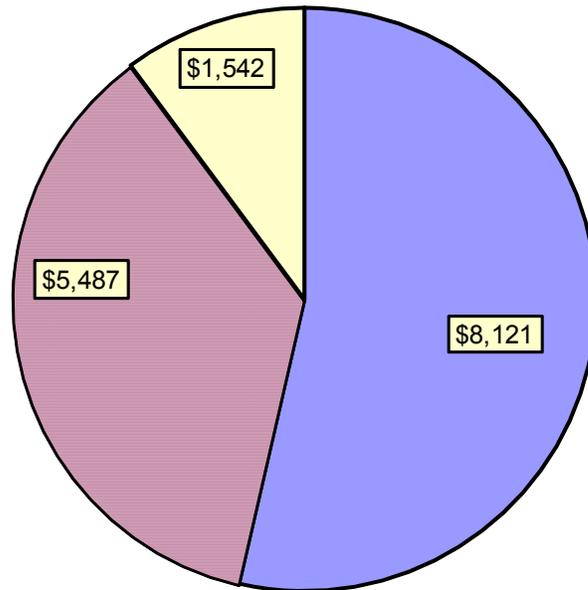
#### B. Reporting of Competition

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 2009

Appendices II and IIA show Competition to Business Firms for the period Fiscal Year 1961 – 2009.

## COMPETITION IN NASA AWARDS TO BUSINESS FIRMS FISCAL YEAR 2009



<u>Total Competition</u>	<u>Value (\$ Millions)</u>	<u>Percent of Total</u>
<b>Competed</b>	7,879.0	54.4%
<b>Not Competed*</b>	5,056.2	34.9%
<b>Follow-on</b>	1,542.2	10.7%
<b>Total:</b>	<b><u>\$ 14,477.4</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 in awards to business firms for Fiscal Years 2005-2009. 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 2005 - 2009

TYPE OF ACTION	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Net Value of Awards (Millions)					
<u>Total</u>	<u>\$12,202.1</u>	<u>\$10,678.3</u>	<u>\$12,707.6</u>	<u>\$14,666.8</u>	<u>\$14,477.4</u>
<u>Competed</u>	\$ 5,998.8	\$ 6,356.4	\$ 6,253.4	\$ 7,645.7	\$ 7,879.0
<u>Not Competed**</u>	\$ 6,088.5	\$ 4,235.1	\$ 4,603.4	\$ 5,537.4	\$ 5,056.2
<u>Follow-On</u>	\$ 114.8	\$ 86.8	\$ 1,850.8	\$ 1,783.9	\$ 1,542.2
Percent of Total					
<u>Total Available</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Competed</u>	58.7	49.2	59.5	49.2	54.4
<u>Not Competed</u>	35.6	49.9	39.7	36.2	34.9
<u>Follow-On</u>	5.7	0.9	0.8	14.6	10.7

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

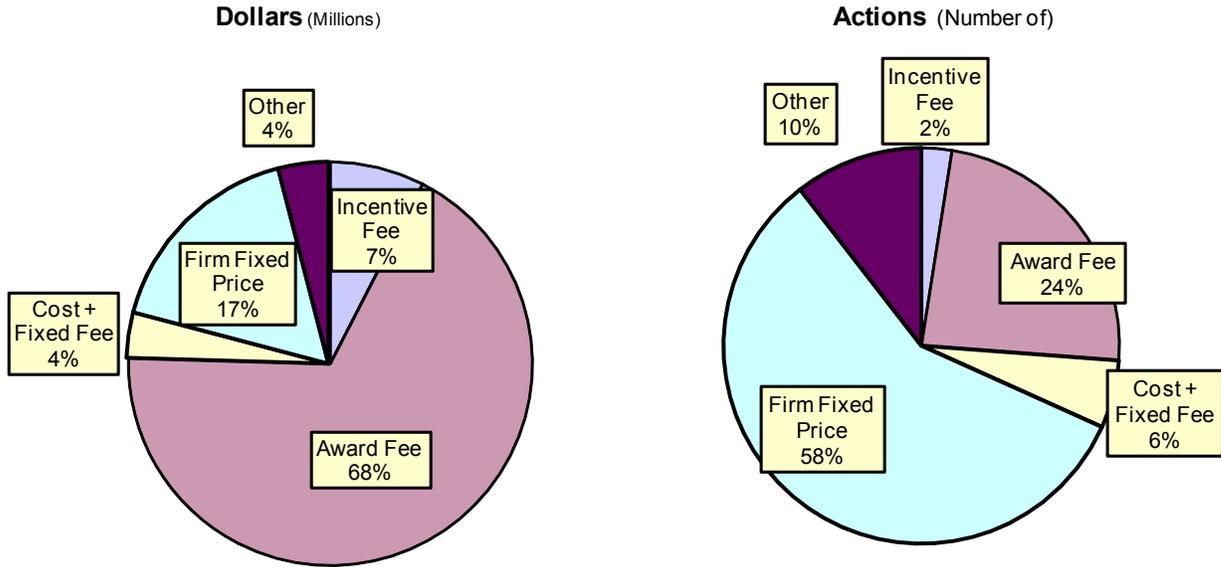
IV. AWARDS TO BUSINESS FIRMS

A. Awards by Contract Type

Fiscal Year 2009 – The table below depicts the trends in awards to business firms by contract type. Figure 3, on the following page, categorizes Fiscal Year 2009 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 and Space Station programs.

TRENDS IN AWARDS TO BUSINESS FIRMS BY CONTRACT TYPE					
FISCAL YEARS 2005 - 2009					
PROCUREMENT DOLLARS (IN MILLIONS)					
	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Firm Fixed Price	\$2,113	\$1,980	\$2,174	\$2,414	\$2,443
Incentive Fee	1,386	1,480	1,437	925	1,092
Award Fee	5,846	6,310	6,402	8,131	9,834
Cost Plus Fixed Fee	371	331	351	370	527
Other	811	682	392	838	581
<u>TOTAL BUSINESS</u>	<u>\$10,527</u>	<u>\$10,783</u>	<u>\$10,756</u>	<u>\$12,678</u>	<u>\$14,477</u>
PERCENT OF TOTAL DOLLARS					
Firm Fixed Price	20%	18%	20%	23%	17%
Incentive Fee	13%	14%	13%	6%	8%
Award Fee	55%	59%	60%	62%	68%
Cost Plus Fixed Fee	4%	3%	3%	4%	4%
Other	8%	6%	4%	5%	4%
<u>TOTAL BUSINESS</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

**AWARDS BY CONTRACT TYPE  
TO BUSINESS FIRMS  
FISCAL YEAR 2009**



<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	\$ 2,443.2	16.9%	16,873	55.2%
FFP Level of Effort	\$ 0.0	0.0%	1	0.0%
Incentive Fee:				
Fixed Price Incentive Fee	295.9	2.0%	14	0.0%
Cost Plus Incentive Fee	796.0	5.5%	708	2.3%
Subtotal Incentive Fee	\$ 1,091.9	7.5%	722	2.4%
Cost Plus Award Fee	\$ 9,806.4	67.7%	6,864	22.4%
Fixed Price Award Fee	\$ 27.3	0.2%	63	0.2%
Cost Plus Fixed Fee	\$ 526.9	3.6%	1,607	5.3%
Other:				
Fixed Price Redermination	-	0.0%	-	0.0%
Economic Price Adj.	25.3	0.2%	134	0.4%
Cost No Fee	57.2	0.4%	67	0.2%
Cost Sharing	0.4	0.0%	13	0.0%
Labor Hour	22.4	0.2%	139	0.5%
Time & Material	104.3	0.7%	808	2.6%
Order Dependent	-	0.0%	47	0.2%
Other	75.0	0.5%	880	2.9%
Combination	56.6	0.4%	244	0.8%
Blank*	240.5	1.7%	2,116	6.9%
Subtotal Other:	\$ 581.7	4.0%	4,448	14.5%
<b>Total</b>	<b>\$14,477.4</b>	<b>100.0%</b>	<b>30,578</b>	<b>100.0%</b>

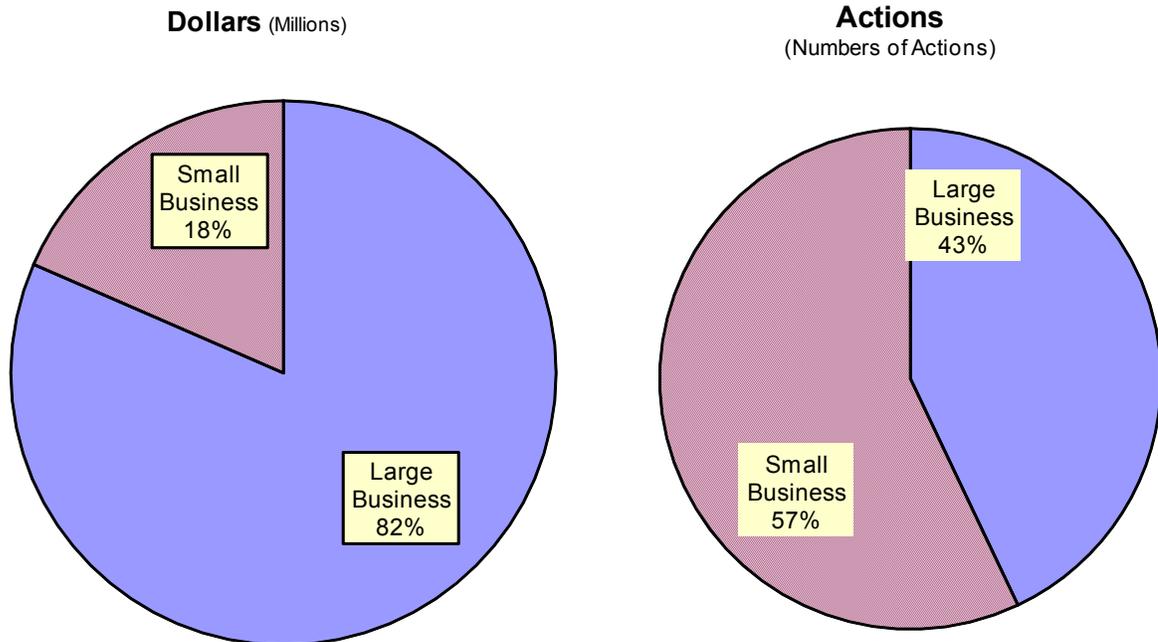
\*Contract type not required on BPA Calls, Grants or Cooperative Agreements

Figure 3

B. Small Business Participation

Total Small Business - During Fiscal Year 2009, NASA awards to small business firms totaled \$2,271.8 million (See Figure 4). The \$2,271.8 million includes \$455.5 million in new awards. New awards to small business firms represented 47.7 percent of NASA's total new contract awards of \$985.3 million to all business firms during Fiscal Year 2009.

## SMALL BUSINESS PARTICIPATION FISCAL YEAR 2009



<u>Category</u>	<u>Amount</u> (\$ Millions)	<u>Percent</u> of Total	<u>Actions</u> (Number of )	<u>Percent</u> of Total
Large Business	10,033.4	81.5%	12,251	43.0%
Small Business	\$ 2,271.8 *	18.5%	16,268	57.0%
Total:	\$ 12,305.2	100.0%	28,519	100.0%

\* Includes \$587.4 million awarded to small disadvantaged firms under Authority of Section 8(a) of the Small Business Act. Also includes \$133.1 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 2009, these set-asides amounted to \$901.4 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 2009, 8(a) awards totaled \$587.4 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 2009, NASA awarded 513 new SBIR contracts totaling \$62.6 million. Of this amount, 348 were Phase I awards totaling \$34.5 million and 165 were Phase II awards totaling \$28.1 million. Also in Fiscal Year 2009, NASA funded on-going Phase I and II contracts with a total of \$33 thousand and \$51.2 million respectively. Included in the total SBIR awards of \$113.9 million, 34 contracts, or \$2.9 million, were to small disadvantaged business firms, and 137 contracts, or \$12.5 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 2009, NASA awarded 52 new STTR contracts totaling \$8.9 million. Of this amount, 32 were Phase I awards totaling \$3.2 million, and 20 were Phase II awards totaling \$5.7 million. Seventy-two on-going Phase II STTR contracts were also funded for a total of \$4.7 million. Included in the total STTR awards of \$13.9 million are 14 contracts for \$1.2 million to small disadvantaged business firms, and 32 contracts amounting to \$3.6 million to women-owned firms.

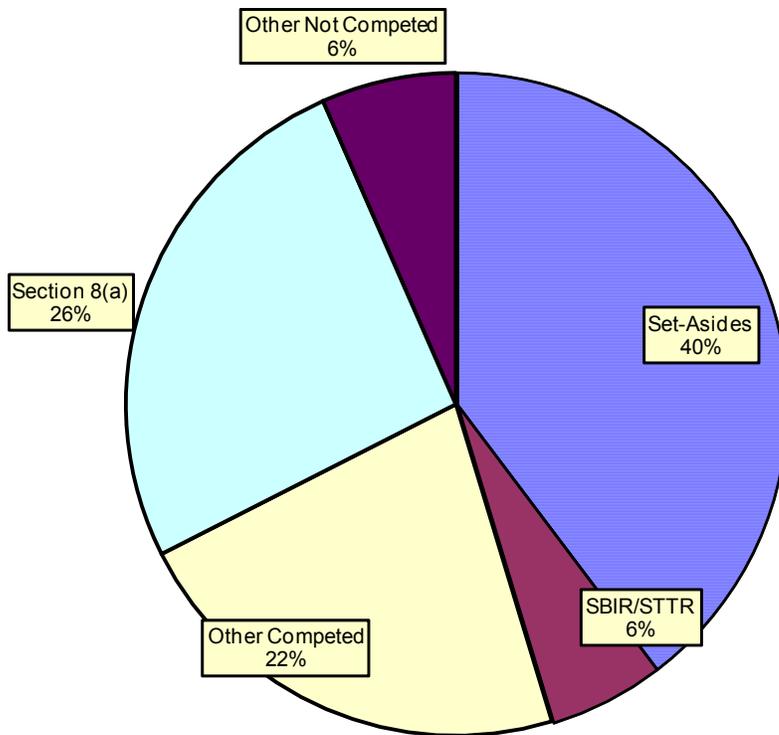
(5) Women-Owned Small Business Participation - In accordance with Executive Order 12138, Women's Business Enterprise, NASA extends a particular effort to ensure that business firms owned and controlled by women have an equitable opportunity to participate in NASA's procurement program. In Fiscal Year 2009, Women-Owned Small Business firms received prime contract awards totaling \$353.2 million.

(6) HubZone Small Business Awards – NASA awarded \$106.9 million to Hubzone Small Business Concerns in FY 2009.

(7) Veteran-Owned Small Business Awards – In FY 2009, NASA awarded over \$483.4 million to Veteran Owned Small Businesses. Of this amount, \$211.7 million was to Service Disabled Veteran Owned Small Businesses.

C. Extent of Competition in Small Business Awards

**COMPETITION IN SMALL BUSINESS AWARDS  
FISCAL YEAR 2009**



Category	Amount (millions)	Percent of Total
Set-Asides	\$ 901.4	39.7%
SBIR/STTR	127.8	5.6%
Other Competed	505.2	22.2%
Section 8(a)	587.4	25.9%
Other Not Competed	149.9	6.6%
<b>Total</b>	<b>\$ 2,271.7</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 2009 totaled \$1,123.1 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 18.6 percent in Fiscal Year 2009, surpassing the 8 percent goal for the seventeenth year in a row.

TRENDS IN SMALL AND SMALL DISADVANTAGED  
BUSINESS AWARDS  
FISCAL YEARS 2005 - 2009  
(MILLIONS OF DOLLARS)

TYPE OF AWARD	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Section 8(a)	\$424.2	\$476.4	\$505.4	\$581.5	\$587.4
Other Small Disadv. Business	<u>260.2</u>	<u>279.3</u>	<u>271.5</u>	<u>461.2</u>	<u>535.7</u>
Total	<u>\$684.4</u>	<u>\$755.7</u>	<u>\$776.9</u>	<u>\$1,042.7</u>	<u>\$1,123.1</u>

Appendix III shows NASA awards to small business firms for Fiscal Years 1961-2009.

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 2009 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 \$11 million. Of the one hundred contractors, 37 were small business firms and of these 21 were disadvantaged firms at the time of award.

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2009  
 (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>	\$12,781,679,442	100.00
1. LOCKHEED MARTIN CORP.	1,687,353,120	13.20
2. UNITED SPACE ALLIANCE LLC	1,523,343,961	11.92
3. JACOBS TECHNOLOGY INC.	676,043,913	5.29
4. BOEING CO.	673,332,092	5.27
5. ATK LAUNCH SYSTEMS INC.	659,583,468	5.16
6. RUSSIAN SPACE AGENCY	387,192,261	3.03
7. PRATT & WHITNEY ROCKETDYNE INC.	359,892,533	2.82
8. SCIENCE APPLICATIONS INTL CORP.	348,368,401	2.73
9. BOEING SATELLITE SYSTEMS INC.	307,854,849	2.41
10. NORTHROP GRUMMAN SPACE & MISSION SYS	302,493,701	2.37
11. S G T INC. (S)	278,031,147	2.18
12. HONEYWELL TECHNOLOGY SOLUTIONS INC.	276,592,654	2.16
13. UNITED LAUNCH SERVICES LLC	275,818,871	2.16
14. ORBITAL SCIENCES CORP.	161,671,778	1.26
15. E G & G TECHNICAL SERVICES INC.	155,405,438	1.22
16. A S R C AEROSPACE CORP. (S) (D)	145,929,180	1.14
17. WYLE LABORATORIES	140,120,539	1.10
18. BALL AEROSPACE & TECH. CORP.	138,774,804	1.09
19. C S C APPLIED TECHNOLOGIES LLC	137,832,040	1.08
20. COMPUTER SCIENCES CORP.	115,904,142	0.91
21. MCDONNELL DOUGLAS CORP.	105,307,576	0.82
22. I T T INDUSTRIES SPACE SYSTEMS LLC	104,232,130	0.82
23. O A O CORP.	96,567,593	0.76
24. ABACUS TECHNOLOGY CORP. (S)	92,350,333	0.72
25. ANALEX CORP.	87,249,848	0.68
26. TELEDYNE BROWN ENGINEERING INC.	77,819,587	0.61
27. HAMILTON SUNDSTRAND CORP.	75,661,683	0.59
28. TRAX INTERNATIONAL CORP.	71,637,617	0.56
29. LOCKHEED MARTIN GOV'T SERVICES INC.	68,783,217	0.54
30. M E I TECHNOLOGIES INC. (S) (D)	63,128,759	0.49
31. SPACE EXPLORATION TECHNOLOGIES CORP. (S)	60,657,218	0.47

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

FISCAL YEAR 2009

(S=Small Business/D=Disadvantaged Business)

<u>CONTRACTOR</u>	<u>AWARDS</u>	
	<u>(DOLLARS)</u>	<u>(PERCENT)</u>
32. GENERAL DYNAMICS ADVANCED INFO. SYS. INC.	57,491,873	0.45
33. SCIENCE SYSTEMS & APPLICATIONS INC. (S)	56,091,249	0.44
34. TESSADA & ASSOCIATES INC. (S) (D)	54,725,785	0.43
35. PEROT SYSTEMS GOV'T. SERVICES INC.	54,406,734	0.43
36. CUBE CORP. (S)	52,450,489	0.41
37. RAYTHEON COMPANY	50,854,701	0.40
38. INDYNE INC.	48,934,095	0.38
39. BASTION TECHNOLOGIES INC. (S) (D)	48,597,080	0.38
40. SPACE GATEWAY SUPPORT	48,258,722	0.38
41. RAYTHEON TECHNICAL SERVICES CO.	47,377,976	0.37
42. LOCKHEED MARTIN SPACE SYSTEMS CO	46,774,925	0.37
43. NORTHROP GRUMMAN TECHNICAL SVCS INC.	44,220,164	0.35
44. SWALES & ASSOCIATES INC.	44,084,768	0.34
45. ADNET SYSTEMS INC. (S) (D)	41,449,525	0.32
46. HENSEL PHELPS CONSTRUCTION CO.	37,002,412	0.29
47. BOOZ ALLEN & HAMILTON INC.	35,721,759	0.28
48. A S R C RESEARCH & TECH. SOLUTIONS LLC (S) (D)	34,762,335	0.27
49. ARES CORP. (S)	33,185,725	0.26
50. L-3 SERVICES INC.	32,625,928	0.26
51. BARRIOS TECHNOLOGY LTD (S)	32,099,093	0.25
52. CAPITOL TECHNOLOGY SERVICES INC. (S) (D)	31,687,761	0.25
53. ENTERPRISE ADVISORY SERVICES INC. (S) (D)	30,961,282	0.24
54. COLSA CORP. (S)	25,978,753	0.20
55. INFOPRO CORP. (S) (D)	25,766,655	0.20
56. BENHAM COMPANIES LLC	25,136,357	0.20
57. SIERRA LOBO INC. (S) (D)	25,053,726	0.20
58. PARSONS INFRASTRUCTURE & TECH GROUP	22,803,772	0.18
59. AMERICAN TANK & VESSEL INC.	22,195,510	0.17
60. ARCATA ASSOCIATES INC. (S) (D)	21,165,415	0.17
61. CANADIAN COMMERCIAL CORP.	21,098,332	0.17
62. MANTECH S R S TECHNOLOGIES	20,946,057	0.16
63. SWINERTON BUILDERS	20,002,588	0.16
64. DIVERSIFIED GLOBAL RESOURCES JV LLC	19,707,605	0.15
65. NORTHROP GRUMMAN SYSTEMS CORP.	19,606,251	0.15
66. LOCKHEED MARTIN SPACE OPERATIONS	18,559,970	0.15
67. D B CONSULTING GROUP INC. (S) (D)	18,332,330	0.14
68. SECTEK INC.	18,240,520	0.14
69. AIR PRODUCTS & CHEMICALS INC.	18,108,696	0.14
70. SIGMA SPACE CORP. (S) (D)	17,847,324	0.14
71. TYBRIN CORP. (S)	16,584,116	0.13
72. INDUS CORP. (S)	16,378,323	0.13
73. DYNAMAC CORP. (S)	16,311,595	0.13

ONE HUNDRED CONTRACTORS (BUSINESS FIRMS) LISTED  
 ACCORDING TO TOTAL AWARDS RECEIVED  
 FISCAL YEAR 2009  
 (S=Small Business/D=Disadvantaged Business)

	<u>CONTRACTOR</u>	<u>AWARDS</u>	
		<u>(DOLLARS)</u>	<u>(PERCENT)</u>
74.	INNOVATIVE HEALTH APPLICATIONS LLC (S)	16,281,318	0.13
75.	ASSURANCE TECHNOLOGY CORP.	16,123,000	0.13
76.	I A P WORLD SERVICES INC.	15,847,832	0.12
77.	T X U ENERGY RETAIL COMPANY LP	15,797,766	0.12
78.	SAUER INC.	15,700,318	0.12
79.	PRAXAIR INC.	15,562,083	0.12
80.	COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH	15,146,802	0.12
81.	INSTITUTO NACIONAL DE TECNICA AEROESPACIAL	15,006,500	0.12
82.	E TOUCH SYSTEMS CORP. (S)	14,594,783	0.11
83.	J DIAMOND GROUP INC. (S) (D)	14,025,256	0.11
84.	POTOMAC ELECTRIC POWER COMPANY	13,869,182	0.11
85.	REYNOLDS SMITH & HILLS INC.	13,809,983	0.11
86.	ROY ANDERSON CORP.	13,805,297	0.11
87.	ZIN TECHNOLOGIES INC. (S)	13,798,068	0.11
88.	OCEANEERING INTERNATIONAL INC.	13,538,147	0.11
89.	VIRGINIA ELECTRIC & POWER CO.	13,413,681	0.10
90.	P C MALL GOV INC.	13,296,804	0.10
91.	REDE CRITIQUE (S) (D)	12,801,638	0.10
92.	MAINTHIA TECHNOLOGIES (S) (D)	12,726,247	0.10
93.	MUNIZ ENGINEERING INC. (S) (D)	12,712,344	0.10
94.	CLAUSS CONSTRUCTION (S)	12,638,582	0.10
95.	COASTAL INTERNATIONAL SECURITY	12,619,555	0.10
96.	SPEEGLE CONSTRUCTION II INC. (S)	12,543,885	0.10
97.	DIGITAL FUSION SOLUTIONS INC. (S)	12,025,024	0.09
98.	I K B I INC. (S) (D)	11,639,279	0.09
99.	HAMILTON SUNDSTRAND SPACE SYS INTL.	11,487,716	0.09
100.	MISSISSIPPI POWER COMPANY	11,384,467	0.09
	OTHER*	1,380,961,157	10.80

\*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 2009 totaled \$1,707.5 million. Of this amount, JPL awarded \$660 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 2009, \$1,743.9 million was awarded to educational and other nonprofit institutions. Of this amount, \$1,124.0 million was awarded to educational institutions and \$619.9 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	\$713.9	\$429.0	\$284.9
Grants	591.5	447.5	144.0
Cooperative Agreements	320.5	186.1	134.4
Purchase/Delivery Orders	118.0	61.4	56.6
Total	\$1,743.9	\$1,124.0	\$619.9

Excludes JPL.

In addition to the \$591.5 million in grant awards to educational and nonprofit firms, NASA also awarded \$15.1 million in grants to business firms bringing the total grant awards to \$606.6 million. Agreements increased to \$465.5 million when awards to business firms of \$115 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 2009 are shown on Pages 19-21.

The awards to these institutions accounted for 85 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 2009  
(N=Nonprofit Institution)

<u>INSTITUTION</u>	<u>AWARDS</u> <u>(DOLLARS)</u> <u>(PERCENT)</u>
<u>TOTAL AWARDS TO EDUCATIONAL &amp; NONPROFIT INSTITUTIONS</u>	\$1,745,392,552 100.00
1. JOHNS HOPKINS UNIVERSITY	\$234,915,491 13.46
2. UNIVERSITY OF COLORADO BOULDER	104,035,548 5.96
3. SMITHSONIAN INSTITUTION (N)	82,150,679 4.71
4. ASSN UNIV RESEARCH & ASTRONOMY (N)	80,642,199 4.62
5. SOUTHWEST RESEARCH INSTITUTE (N)	76,390,338 4.38
6. UNIVERSITY OF ARIZONA	56,845,901 3.26
7. UNIVERSITIES SPACE RESEARCH ASSOCIATION (N)	56,347,345 3.23
8. UNIVERSITY OF MARYLAND COLLEGE PARK	42,724,461 2.45
9. CALIFORNIA INSTITUTE OF TECHNOLOGY	39,365,981 2.26
10. NEW MEXICO STATE UNIVERSITY	26,385,744 1.51
11. BAYLOR COLLEGE OF MEDICINE	26,018,063 1.49
12. UNIVERSITY OF CALIFORNIA SANTA CRUZ	24,906,307 1.43
13. UNIVERSITY OF CALIFORNIA BERKELEY	23,537,197 1.35
14. UNIVERSITY MARYLAND BALTIMORE COUNTY	21,885,500 1.25
15. NATIONAL INSTITUTE AEROSPACE ASSOC. (N)	21,505,295 1.23
16. OAK RIDGE ASSOCIATED UNIVERSITIES INC. (N)	18,121,225 1.04
17. UNIVERSITY OF HAWAII	17,726,735 1.02
18. AEROSPACE CORP (N)	16,789,026 1.00
19. UNIVERSITY OF ALABAMA HUNTSVILLE	16,649,021 0.95
20. UNIVERSITY OF CALIFORNIA LOS ANGELES	16,416,777 0.94
21. UNIVERSITY CORP. ATMOSPHERIC RESEARCH (N)	15,608,048 0.89
22. MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15,126,705 0.87
23. LELAND STANFORD JUNIOR UNIVERSITY	15,123,596 0.87
24. PENNSYLVANIA STATE UNIVERSITY	14,786,968 0.85
25. COLUMBIA UNIVERSITY	13,387,303 0.77
26. UNIVERSITY OF ALASKA	12,615,577 0.72
27. UNIVERSITY OF MICHIGAN	12,598,174 0.75
28. ARIZONA STATE UNIVERSITY	12,476,926 0.75
29. UNIVERSITY OF TEXAS AUSTIN	12,143,824 0.73

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2009  
(N=Nonprofit Institution)

<u>INSTITUTION</u>		<u>AWARDS</u> <u>(DOLLARS)</u>	<u>(PERCENT)</u>
30. GEORGIA TECH RESEARCH CORP	(N)	11,760,880	0.67
31. S E T I INSTITUTE	(N)	11,345,893	0.65
32. UNIVERSITY OF WISCONSIN MADISON		11,130,836	0.64
33. WEST VIRGINIA UNIVERSITY		11,109,845	0.66
34. NATIONAL ACADEMY SCIENCES	(N)	10,658,009	0.64
35. COLORADO STATE UNIVERSITY		10,165,265	0.61
36. UNIVERSITY OF WASHINGTON		8,623,332	0.49
37. CHARLES STARK DRAPER LABS	(N)	8,486,155	0.51
38. UNIVERSITY OF NEW HAMPSHIRE		7,793,727	0.45
39. O S U CENTER FOR INNOVATION & ECONOMIC DEV. INC	(N)	7,726,198	0.46
40. BREVARD ACHIEVEMENT CENTER INC	(N)	7,644,636	0.46
41. BOSTON UNIVERSITY		7,482,331	0.45
42. UNIVERSITY OF CALIFORNIA SAN DIEGO		7,480,037	0.45
43. OHIO AEROSPACE INSTITUTE	(N)	7,094,262	0.42
44. CARNEGIE INSTITUTION OF WASHINGTON	(N)	6,845,254	0.41
45. WASHINGTON UNIVERSITY		6,732,390	0.40
46. HARVARD COLLEGE		6,250,284	0.37
47. UNIVERSITY OF NORTH DAKOTA		6,236,529	0.37
48. CORNELL UNIVERSITY		5,938,052	0.36
49. OLD DOMINION UNIVERSITY RESEARCH FNDTN	(N)	5,837,362	0.35
50. VON BRAUN CENTER SCIENCE & INNOVATION	(N)	5,832,182	0.35
51. UNIVERSITY OF MINNESOTA		5,675,720	0.34
52. BROWN UNIVERSITY		5,674,829	0.34
53. SAN JOSE STATE UNIVERSITY RESEARCH FOUNDATION	(N)	5,628,373	0.34
54. UNIVERSITY OF ILLINOIS		5,614,089	0.34
55. GEORGE MASON UNIVERSITY		5,068,097	0.30
56. UNIVERSITY OF CALIFORNIA IRVINE		5,033,594	0.30
57. PRINCETON UNIVERSITY		4,930,386	0.29
58. OHIO STATE UNIVERSITY RESEARCH FNDTN	(N)	4,727,444	0.28
59. MONTANA STATE UNIVERSITY		4,727,115	0.28
60. CATHOLIC UNIVERSITY OF AMERICA		4,692,474	0.28
61. HAMPTON CITY	(N)	4,478,355	0.27
62. LOGISTICS MANAGEMENT INSTITUTE	(N)	4,375,567	0.26
63. MELWOOD HORTICULTURAL TRAINING CTR	(N)	4,373,944	0.26
64. UNITED NEGRO COLLEGE FUND	(N)	4,369,758	0.26
65. UNIVERSITY OF FLORIDA		4,346,205	0.26
66. RESEARCH FNDTN STATE UNIV NEW YORK	(N)	4,301,572	0.26
67. PLANETARY SCIENCE INSTITUTE	(N)	4,091,435	0.24
68. BAY AREA ENVIRONMENTAL RESEARCH INST. INC.	(N)	4,000,460	0.24
69. PURDUE UNIVERSITY		3,920,918	0.23
70. MORGAN STATE UNIVERSITY		3,899,946	0.23
71. OREGON STATE UNIVERSITY		3,888,149	0.23

ONE HUNDRED EDUCATIONAL AND NONPROFIT INSTITUTIONS (Excluding JPL)  
LISTED ACCORDING TO TOTAL AWARDS RECEIVED  
FISCAL YEAR 2009  
(N=Nonprofit Institution)

INSTITUTION	AWARDS	
	(DOLLARS)	(PERCENT)
72. UNIVERSITY OF DELAWARE	3,845,983	0.22
73. TEXAS ENGINEERING EXPERIMENT STATION (N)	3,792,072	0.22
74. HAMPTON UNIVERSITY	3,684,250	0.21
75. UNIVERSITY OF CALIFORNIA SANTA BARBARA	3,641,094	0.21
76. UNIVERSITY OF MIAMI	3,557,022	0.20
77. UNIV TEXAS SOUTHWESTERN MEDICAL CTR (N)	3,415,673	0.20
78. BATTELLE MEMORIAL INSTITUTE (N)	3,359,669	0.19
79. UNIVERSITY OF UTAH	3,349,076	0.19
80. UNIVERSITY OF PUERTO RICO	3,298,292	0.19
81. WOODS HOLE OCEANOGRAPHIC INSTITUTION (N)	3,290,699	0.19
82. WILLIAM MARSH RICE UNIVERSITY	3,278,585	0.19
83. UNIVERSITY OF ALABAMA BIRMINGHAM	3,240,707	0.19
84. CALIFORNIA ASSN RESEARCH IN ASTRONOMY (N)	3,233,000	0.19
85. UNIVERSITY OF NEBRASKA	3,230,231	0.19
86. UNIVERSITY OF CALIFORNIA DAVIS	3,163,296	0.18
87. UNIVERSITY OF OKLAHOMA	3,143,648	0.18
88. UNIVERSITY OF CHICAGO	3,133,310	0.18
89. CARNEGIE MELLON UNIVERSITY	3,124,859	0.18
90. PRIDE INDUSTRIES (N)	3,107,734	0.18
91. VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIV	3,011,195	0.17
92. UNIVERSITY OF VERMONT & STATE AGRICULTURE CLG	2,990,950	0.17
93. U.S. FOUNDTN INSPIRATION & RECOGNITION OF S&T (N)	2,920,979	0.17
94. UNIVERSITY OF VIRGINIA	2,888,588	0.17
95. UNIVERSITY OF CENTRAL FLORIDA	2,884,003	0.17
96. EDUCATIONAL ADVANCEMENT ALLIANCE INC. (N)	2,750,000	0.16
97. NATIONAL SCIENCE TEACHERS ASSOCIATION (N)	2,717,585	0.16
98. UNIVERSITY OF ARKANSAS	2,712,342	0.16
99. S R I INTERNATIONAL (N)	2,685,752	0.15
100. UNIVERSITY OF IOWA	2,651,386	0.15
**OTHER	256,072,719	14.67

## VII. AWARDS BY TYPE OF EFFORT

During Fiscal Year 2009, \$16,235.1 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>\$ 16,235.1</u>	<u>41,111</u>
<u>Research &amp; Development</u>	<u>\$ 7,757.4</u>	<u>16,926</u>
Space Science & Applications	3,242.3	9,776
Space Flight	1,627.4	390
Space Station	575.4	41
Aeronautics & Space Technology	590.3	4,571
Space Operations	696.9	176
Commercial Programs	0.2	8
Other Space R&D	219.7	156
Other R&D	805.2	1,808
<u>Services</u>	<u>\$ 7,023.8</u>	<u>15,303</u>
Professional, Admin. & Mgmt. Support	3,487.1	5,775
ADP & Telecommunications	909.1	2,238
Utilities & Housekeeping	437.3	887
Transportation, Travel & Relocation Svc.	384.9	351
Special Studies & Analyses-Not R&D	384.1	757
Operation of Gov't-owned Facilities	338.9	364
Construction of Structures & Facilities	222.7	690
Maint., Repair or Alteration Real Property	180.1	655
Training Services	137.4	1306
Architect & Engineering Services	117.8	640
Quality Control, Testing & Inspection	103.5	321
Other Services	320.9	1,319
<u>Supplies &amp; Equipment</u>	<u>\$ 1,453.9</u>	<u>8,882</u>
Space Vehicles	1,045.2	367
ADP Equipment, Software, Supplies & Support Equipment	108.1	2,807
Instruments & Laboratory Equipment	89.3	1,943
Fuels, Lubricants, Oils & Waxes	44.8	314
Electrical & Electronic Equip. Components	34.1	655
Chemicals & Chemical Products	19.4	215
Furnace, Steam Plant & Drying Equipment	13.5	33
Miscellaneous	12.1	93
Metal Bars, Sheets & Shapes	11.8	82
Other Supplies & Equipment	75.6	2,373

VIII. AWARDS THROUGH OTHER GOVERNMENT AGENCIES

During Fiscal Year 2009, \$504.2 million was awarded through other Government agencies. The following table shows the distribution of these awards by agency.

<u>AWARDS THROUGH OTHER GOVERNMENT AGENCIES</u>			
<u>FISCAL YEAR 2009</u>			
	<u>AGENCY</u>	<u>MILLIONS</u>	<u>% OF TOTAL</u>
<u>TOTAL</u>		<u>\$ 504.2</u>	<u>100.0</u>
	Air Force	73.2	14.5
	Navy	35.5	7.0
	Energy Department	86.4	17.1
	Army	54.1	10.7
	Commerce Department	9.8	1.9
	National Science Foundation	8.6	1.7
	Interior Department	25.0	5.0
	Defense Department	124.2	24.6
	Justice Department	0.8	0.2
	Other Government Agencies	86.6	17.2

IX. U.S. GEOGRAPHICAL DISTRIBUTION OF AWARDS

In Fiscal Year 2009, 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, awards outside the US, and actions against the JPL contract.

US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2009

STATE	TOTAL	BUSINESS	EDUCATIONAL & NONPROFIT
TOTAL	\$13,718,917,851	\$11,981,003,340	\$1,737,914,511
ALABAMA	764,143,005	729,295,709	34,847,296
ALASKA	23,988,248	11,349,037	12,639,211
ARIZONA	146,068,374	70,924,791	75,143,583
ARKANSAS	2,920,209	207,867	2,712,342
CALIFORNIA	1,910,578,858	1,683,765,691	226,813,167
COLORADO	1,366,084,521	1,232,991,546	133,092,975
CONNECTICUT	106,836,242	103,798,517	3,037,725
DELAWARE	8,668,000	2,344,052	6,323,948
DIST COLUMBIA	154,488,459	115,892,937	38,595,522
FLORIDA	976,841,921	949,470,552	27,371,369
GEORGIA	22,624,325	5,492,860	17,131,465
HAWAII	21,255,172	17,014	21,238,158
IDAHO	2,761,969	164,380	2,597,589
ILLINOIS	30,007,746	14,192,742	15,815,004
INDIANA	113,701,045	106,297,056	7,403,989
IOWA	19,799,547	11,771,367	8,028,180
KANSAS	5,162,101	239,307	4,922,794
KENTUCKY	3,137,665	513,050	2,624,615
LOUISIANA	324,782,483	318,936,187	5,846,296
MAINE	4,266,258	87,162	4,179,096
MARYLAND	1,627,923,197	1,206,554,997	421,368,200
MASSACHUSETTS	175,361,383	51,835,862	123,525,521
MICHIGAN	23,977,293	5,989,133	17,988,160
MINNESOTA	8,348,589	1,667,722	6,680,867
MISSISSIPPI	341,409,656	336,097,889	5,311,767
MISSOURI	17,491,355	8,441,304	9,050,051
MONTANA	8,342,502	1,746,137	6,596,365
NEBRASKA	3,329,980	99,749	3,230,231
NEVADA	2,302,343	105,335	2,197,008
NEW HAMPSHIRE	19,913,223	6,764,545	13,148,678
NEW JERSEY	35,721,155	23,193,453	12,527,702
NEW MEXICO	111,001,104	81,884,963	29,116,141
NEW YORK	59,399,877	21,618,294	37,781,583
NORTH CAROLINA	11,870,754	2,658,520	9,212,234
NORTH DAKOTA	6,850,053	21,024	6,829,029
OHIO	264,121,500	238,255,709	25,865,791
OKLAHOMA	13,439,887	1,976,287	11,463,600
OREGON	9,156,297	3,734,250	5,422,047
PENNSYLVANIA	43,011,616	16,164,312	26,847,304
RHODE ISLAND	7,041,714	573,225	6,468,489
SOUTH CAROLINA	4,622,094	490,740	4,131,354
SOUTH DAKOTA	5,042,340	18,279	5,024,061
TENNESSEE	31,919,041	7,293,601	24,625,440
TEXAS	3,476,175,214	3,324,660,086	151,515,128

US GEOGRAPHICAL DISTRIBUTION OF NASA PRIME CONTRACT AWARDS  
FISCAL YEAR 2009 (cont'd)

STATE	TOTAL	BUSINESS	EDUCATIONAL & NONPROFIT
UTAH	667,922,400	661,665,700	6,256,700
VERMONT	5,372,202	888,548	4,483,654
VIRGINIA	641,498,283	569,235,830	72,262,453
WASHINGTON	25,732,689	14,213,335	11,519,354
WEST VIRGINIA	47,143,643	32,367,527	14,776,116
WISCONSIN	14,067,479	2,929,610	11,137,869
WYOMING	1,292,840	105,550	1,187,290

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 2009

GRAND TOTAL 13,718,917,851

Region & State	Total
<b>NEW ENGLAND</b>	318,791,022
Maine	4,266,258
Vermont	5,372,202
Rhode Island	7,041,714
Massachusetts	175,361,383
Connecticut	106,836,242
New Hampshire	19,913,223
<b>MIDEAST</b>	1,929,212,304
Maryland	1,627,923,197
New Jersey	35,721,155
New York	59,399,877
Pennsylvania	43,011,616
Delaware	8,668,000
Dist Columbia	154,488,459
<b>SOUTHEAST</b>	3,172,913,079
Alabama	764,143,005
Arkansas	2,920,209
Florida	976,841,921
Georgia	22,624,325
Louisiana	324,782,483
Mississippi	341,409,656
North Carolina	11,870,754
Tennessee	31,919,041
Virginia	641,498,283
West Virginia	47,143,643
Kentucky	3,137,665
South Carolina	4,622,094
<b>GREAT LAKES</b>	445,875,063
Illinois	30,007,746
Indiana	113,701,045
Michigan	23,977,293
Ohio	264,121,500
Wisconsin	14,067,479

Region & State	Total
<b>PLAINS</b>	66,023,965
North Dakota	6,850,053
South Dakota	5,042,340
Nebraska	3,329,980
Kansas	5,162,101
Minnesota	8,348,589
Iowa	19,799,547
Missouri	17,491,355
<b>SOUTHWEST</b>	3,746,684,579
Arizona	146,068,374
New Mexico	111,001,104
Oklahoma	13,439,887
Texas	3,476,175,214
<b>ROCKY MOUNTAIN</b>	2,046,404,232
Colorado	1,366,084,521
Utah	667,922,400
Idaho	2,761,969
Montana	8,342,502
Wyoming	1,292,840
<b>FAR WEST</b>	1,947,770,187
Washington	25,732,689
California	1,910,578,858
Oregon	9,156,297
Nevada	2,302,343
<b>ALASKA &amp; HAWAII</b>	45,243,420
Alaska	23,988,248
Hawaii	21,255,172

X. AWARDS PLACED OUTSIDE THE UNITED STATES

During Fiscal Year 2009, NASA placed \$466.2 million in awards that are being performed outside the United States. These awards are being performed in twenty-nine countries.\*

Place of Performance

<u>Direct NASA Awards</u>	<u>\$466,221,480</u>
American Samoa	\$1,400
Australia	15,211,802
Austria	57,530
Brazil	321,188
Canada	23,440,579
Chile	-21,709
Columbia	68,993
Costa Rica	48,800
Czech Republic	13,133
Denmark	29,927
France	191,997
Germany	1,427,296
Hungary	28,568
Israel	4,270
Italy	915,750
Japan	86,116
Mexico	24,800
Netherlands	8,667,210
Norway	229,647
Panama	974,866
Portugal	17,440
Russia	397,753,799
Singapore	33,673
Spain	15,356,500
Sweden	130,452
Switzerland	336,923
Thailand	10,000
Taiwan	41,796
United Kingdom	818,734

\* Does not include obligations of \$3.6 million to Puerto Rico which is a US territory.

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 2009, these offices accounted for 97 percent of the total procurement dollars.

<u>INSTALLATION</u>	<u>AWARD (MILLIONS)</u>	<u>PERCENT</u>
TOTAL	<u>\$16,223.6</u>	<u>100.0</u>
Johnson Space Center	5,242.9	32.3
Goddard Space Flight Center	2,915.2	18.0
Marshall Space Flight Center	2,248.5	13.9
NASA Management Office*	1,965.1	12.1
Kennedy Space Center	1,080.6	6.7
NASA Shared Services Center	790.8	4.9
Ames Research Center	447.3	2.8
Langley Research Center	446.1	2.7
Glenn Research Center	417.8	2.6
Stennis Space Center	294.7	1.8
Headquarters	248.9	1.5
Dryden Flight Research Center	125.7	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.

APPENDIX I

DISTRIBUTION OF DIRECT NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1971 - 1979

TYPE	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 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.

APPENDIX I

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>									
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.

APPENDIX I

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 - 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>\$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>	<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>									
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	1	1	1	1	2	3

\* 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

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 IIA

## 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 - 2009

TYPE OF ACTION	FY 2006	FY 2007	FY 2008	FY 2009						
<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>Competed</u>	<u>6,356.4</u>	<u>6,253.4</u>	<u>7,645.7</u>	<u>8,121.4</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>						
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>						
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>Competed</u>	<u>49.2</u>	<u>49.1</u>	<u>52.1</u>	<u>53.6</u>						
New Awards	*	*	*	*						
Modifications	*	*	*	*						
<u>Not Competed</u>	<u>49.9</u>	<u>36.3</u>	<u>35.7</u>	<u>36.2</u>						
New Awards	*	*	*	*						
Modifications	*	*	*	*						
<u>Follow-On</u>	<u>0.9</u>	<u>14.6</u>	<u>12.2</u>	<u>10.2</u>						
New Awards	*	*	*	*						
Modifications	*	*	*	*						

\* FY 2006- FY 2009 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.

SMALL BUSINESS PARTICIPATION IN NASA PROCUREMENTS (Cont'd)

FISCAL YEARS 1991 - 2009

(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	
<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>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>	
% OF TOTAL	17.5	17.6	16.8	19.5	17.6	16.9	18.6	18.4	18.5	
<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>	
% OF TOTAL	6.2	6.1	5.0	6.1	6.0	5.8	6.9	7.3	7.3	
% OF SMALL	35.3	34.6	29.8	31.4	34.1	34.3	37.3	39.6	39.7	
<u>TOTAL BUSINESS</u>										
<u>SMALL BUSINESS</u>										
% OF TOTAL										
<u>SET-ASIDES</u>										
% OF TOTAL										
% OF SMALL										