

FY 2011 Operating Plan	President's Request (Feb 10)	Authorization Act P.L. 111-267	Full-Year CR P.L. 112-10	0.2% Rescission	Enacted P.L. 112-10 15-Apr-11	Program Estimate	CoF Transfers	Other Transfers	SBIR/STTR Restore	Add'l Program Changes	Initial Operating Plan (June 2011)	Change from 2011 Pres Bud
NASA Total	19,000.0	19,000.0	18,485.0	(37.0)	18,448.0	18,448.0	0.0	0.0	0.0	(0.0)	18,448.0	(552.0)
Science	5,005.6	5,005.6	4,945.3	(9.9)	4,935.4	4,935.4	0.0	(3.7)	0.0	0.0	4,931.7	(73.9)
<u>Earth Science</u>	<u>1,801.8</u>	<u>1,801.8</u>				<u>1,727.0</u>	<u>0.0</u>	<u>(1.3)</u>	<u>20.1</u>	<u>0.0</u>	<u>1,745.8</u>	<u>(56.0)</u>
<i>Earth Science Research</i>	438.1					411.3		(0.3)	50.1	0.0	461.1	23.1
<i>Earth Systematic Missions</i>	809.3					851.8	0.0	(0.6)	0.0	0.0	851.2	41.9
<i>Earth System Science Pathfinder</i>	303.8					226.9	0.0	(0.2)	(30.0)	0.0	196.7	(107.1)
<i>Earth Science Multi-Mission Operations</i>	161.2					147.6		(0.1)			147.4	(13.8)
<i>Earth Science Technology</i>	52.8					52.8		(0.0)			52.8	0.0
<i>Applied Sciences</i>	36.6					36.6		(0.0)			36.6	0.0
<u>Planetary Science</u>	<u>1,485.7</u>	<u>1,485.7</u>				<u>1,484.8</u>	<u>0.0</u>	<u>(1.1)</u>	<u>(14.5)</u>	<u>0.0</u>	<u>1,469.3</u>	<u>(16.4)</u>
<i>Planetary Science Research</i>	180.4					158.9	0.0	(0.1)	0.0	0.0	158.8	(21.6)
<i>Lunar Quest Program</i>	136.6					130.3	0.0	(0.1)	0.0	0.0	130.2	(6.5)
<i>Discovery</i>	202.0					202.2	0.0	(0.1)	0.0	0.0	202.0	0.0
<i>New Frontiers</i>	223.8					223.4	0.0	(0.2)	(5.0)	0.0	218.2	(5.6)
<i>Mars Exploration</i>	532.8					557.9	0.0	(0.4)	(9.5)	0.0	548.0	15.1
<i>Outer Planets</i>	103.5					97.0		(0.1)			96.9	(6.6)
<i>Technology</i>	106.5					115.3		(0.1)			115.2	8.7
<u>Astrophysics</u>	<u>1,076.3</u>	<u>1,076.3</u>				<u>1,078.3</u>	<u>0.0</u>	<u>(0.8)</u>	<u>0.0</u>	<u>0.0</u>	<u>1,077.5</u>	<u>1.2</u>
<i>Astrophysics Research</i>	156.1					148.6	0.0	(0.1)	0.0	0.0	148.5	(7.6)
<i>Cosmic Origins</i>	687.7					674.4	0.0	(0.5)	0.0	0.0	673.9	(13.8)
<i>Physics of the Cosmos</i>	103.3					108.7	0.0	(0.1)	0.0	0.0	108.7	5.3
<i>Exoplanet Exploration</i>	42.5					46.5	0.0	(0.0)	0.0	0.0	46.4	3.9
<i>Astrophysics Explorer</i>	86.7					100.1	0.0	(0.1)	0.0	0.0	100.0	13.3
<u>Heliophysics</u>	<u>641.9</u>	<u>641.9</u>				<u>645.3</u>	<u>0.0</u>	<u>(0.5)</u>	<u>(5.6)</u>	<u>0.0</u>	<u>639.2</u>	<u>(2.7)</u>
<i>Heliophysics Research</i>	166.9					160.9	0.0	(0.1)	0.0	0.0	160.8	(6.2)
<i>Living with a Star</i>	214.3					218.6	0.0	(0.2)	0.0	0.0	218.4	4.1
<i>Solar Terrestrial Probes</i>	162.9					174.0	0.0	(0.1)	(5.6)	0.0	168.3	5.4
<i>Heliophysics Explorer Program</i>	97.7					91.7	0.0	(0.1)	0.0	0.0	91.7	(6.1)
<i>New Millennium</i>	0.1					0.1					0.1	(0.0)
Aeronautics	579.6	579.6	535.0	(1.1)	533.9	533.9	0.0	(0.4)	0.0	0.0	533.5	(46.1)
<i>Aviation Safety</i>	79.3					67.3					67.3	(12.0)
<i>Airspace Systems</i>	82.2					87.2				0.0	87.2	5.0
<i>Fundamental Aeronautics</i>	228.5					221.8		(0.4)		0.0	221.4	(7.2)
<i>Aeronautics Test Program</i>	76.4					76.4					76.4	0.0
<i>Integrated Systems Research</i>	113.1					81.2	0.0	0.0	0.0	0.0	81.2	(31.9)
Space Technology	572.2	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(572.2)
<i>Early Stage Innovation</i>	298.6					0.0	0.0	0.0	0.0	0.0	0.0	(298.6)
<i>Game Changing Technology</i>	129.6					0.0	0.0	0.0	0.0	0.0	0.0	(129.6)
<i>Crosscutting Capability Demonstrations</i>	102.0					0.0	0.0	0.0	0.0	0.0	0.0	(102.0)
<i>Partnership Dev and Strat Integration</i>	42.0										0.0	(42.0)

FY 2011 Operating Plan	President's Request (Feb 10)	Authorization Act P.L. 111-267	Full-Year CR P.L. 112-10	0.2% Rescission	Enacted P.L. 112-10 15-Apr-11	Program Estimate	CoF Transfers	Other Transfers	SBIR/STTR Restore	Add'l Program Changes	Initial Operating Plan (June 2011)	Change from 2011 Pres Bud
Exploration	4,263.4	3,868.0	3,808.3	(7.6)	3,800.7	3,800.7	(9.1)	137.0	0.0	0.0	3,928.6	(334.8)
<u>Human Exploration Capabilities</u>		<u>2,751.0</u>	<u>3,000.0</u>	<u>(6.0)</u>	<u>2,994.0</u>	<u>2,994.0</u>	<u>(9.1)</u>	<u>(2.8)</u>	<u>0.0</u>	<u>0.0</u>	<u>2,982.1</u>	<u>2,982.1</u>
<i>Multi-Purpose Crew Vehicle</i>		1,120.0	1,200.0	(2.4)	1,197.6	1,197.6	(1.6)				1,196.0	1,196.0
<i>Space Launch System</i>		1,631.0	1,800.0	(3.6)	1,796.4	1,796.4	(7.5)	(2.8)	0.0		1,786.1	1,786.1
<u>Exploration Research and Development</u>	<u>1,551.4</u>	<u>505.0</u>				<u>285.1</u>	<u>0.0</u>	<u>54.6</u>	<u>0.0</u>	<u>0.0</u>	<u>339.7</u>	<u>(1,211.7)</u>
<i>Exploration Technology Development</i>	652.4	250.0				130.4		54.6		0.0	185.0	(467.4)
<i>Heavy Lift and Propulsion Technology</i>	559.0										0.0	(559.0)
<i>Exploration Precursor Robotic Missions</i>	125.0	100.0									0.0	(125.0)
<i>Human Research</i>	215.0	155.0				154.7				0.0	154.7	(60.3)
<u>Commercial Spaceflight</u>	<u>812.0</u>	<u>612.0</u>				<u>521.6</u>	<u>0.0</u>	<u>85.2</u>	<u>0.0</u>	<u>0.0</u>	<u>606.8</u>	<u>(205.2)</u>
<i>Commercial Cargo</i>	312.0	300.0				210.2		85.2		4.0	299.4	(12.6)
<i>Commercial Crew</i>	500.0	312.0				311.4				(4.0)	307.4	(192.6)
<u>Constellation Transition</u>	<u>1,900.0</u>										<u>0.0</u>	<u>(1,900.0)</u>
Space Operations	4,887.8	5,508.5	5,508.5	(11.0)	5,497.5	5,497.5	(32.6)	(143.9)	0.0	(0.0)	5,320.9	433.1
<u>Space Shuttle</u>	<u>989.1</u>	<u>1,609.7</u>				<u>1,606.5</u>	<u>0.0</u>	<u>(4.1)</u>	<u>0.0</u>	<u>(9.6)</u>	<u>1,592.9</u>	<u>603.8</u>
<i>Space Shuttle Program</i>	989.1	1,609.7				1,606.5	0.0	(4.1)	0.0	(9.6)	1,592.9	603.8
<u>International Space Station</u>	<u>2,779.8</u>	<u>2,779.8</u>				<u>2,774.2</u>	<u>(6.0)</u>	<u>(54.6)</u>	<u>0.0</u>	<u>0.0</u>	<u>2,713.6</u>	<u>(66.2)</u>
<i>International Space Station Program</i>	2,779.8	2,779.8				2,774.2	(6.0)	(54.6)	0.0	0.0	2,713.6	(66.2)
<u>Space and Flight Support (SFS)</u>	<u>1,119.0</u>	<u>1,119.0</u>				<u>1,116.7</u>	<u>(26.6)</u>	<u>(85.2)</u>	<u>0.0</u>	<u>9.6</u>	<u>1,014.5</u>	<u>(104.5)</u>
<i>21st Century Space Launch Complex</i>	428.6	428.6				427.7	(25.0)	(85.2)		(174.7)	142.8	(285.8)
<i>Space Communications and Navigation</i>	452.9					452.0	(1.6)	0.0	0.0	6.3	456.7	3.8
<i>Human Space Flight Operations</i>	114.4					114.1				(1.3)	112.8	(1.6)
<i>Launch Services</i>	78.9					78.7				4.6	83.3	4.4
<i>Rocket Propulsion Testing</i>	44.3					44.2	0.0			0.0	44.2	(0.1)
<i>Space Technology Program</i>						0.0				174.7	174.7	174.7

FY 2011 Operating Plan	President's Request (Feb 10)	Authorization Act P.L. 111-267	Full-Year CR P.L. 112-10	0.2% Rescission	Enacted P.L. 112-10 15-Apr-11	Program Estimate	CoF Transfers	Other Transfers	SBIR/STTR Restore	Add'l Program Changes	Initial Operating Plan (June 2011)	Change from 2011 Pres Bud
Education	145.8	145.8	145.8	(0.3)	145.5	145.5	0.0	(0.1)	0.0	0.0	145.4	(0.4)
<i>Higher Ed. STEM Education</i>	81.0	70.6				110.5	0.0	(0.1)	0.0	0.0	110.4	29.4
<i>K-12 STEM Education</i>	62.8					34.1	0.0	(0.0)	0.0	0.0	34.1	(28.7)
<i>Informal STEM Education</i>	2.0					0.9	0.0	(0.0)	0.0	0.0	0.9	(1.1)
Cross-Agency Support	3,111.4	3,111.4	3,111.4	(6.2)	3,105.2	3,105.2	0.0	25.5	0.0	0.0	3,130.7	19.3
Center Management and Operations	2,270.2		0.0	0.0	0.0	2,170.5	0.0	18.5	0.0	0.0	2,189.0	(81.2)
<i>Center Management and Operations</i>	2,270.2		0.0	0.0	0.0	2,170.5	0.0	18.5	0.0	0.0	2,189.0	(81.2)
Agency Management and Operations	841.2		0.0	0.0	0.0	934.7	0.0	7.0	0.0	0.0	941.7	100.5
<i>Agency Management</i>	432.0		0.0	0.0	0.0	399.1	0.0	2.4	0.0	0.0	401.5	(30.5)
<i>Safety and Mission Success</i>	201.6		0.0	0.0	0.0	189.7	0.0	1.4	0.0	0.0	191.2	(10.4)
<i>Agency IT Services (AITS)</i>	177.8		0.0	0.0	0.0	143.6	0.0	1.4	0.0	0.0	145.0	(32.9)
<i>Innovative Partnerships Program</i>	0.0		0.0	0.0	0.0	173.1	0.0	1.6	0.0	0.0	174.7	174.7
<i>Strategic Capabilities Assets Program</i>	29.8		0.0	0.0	0.0	29.2	0.0	0.2	0.0	0.0	29.4	(0.4)
Construction and ECR	397.3	394.3	394.3	(0.8)	393.5	393.5	41.7	(14.4)	0.0	0.0	420.9	23.6
<i>Construction</i>	335.2		0.0	0.0	0.0	333.9	41.7	(14.4)	0.0	0.0	361.3	26.1
<i>Environmental Compliance and Restoration</i>	62.1			0.0		59.6	0.0				59.6	(2.5)
Inspector General	37.0	37.0	36.4	(0.1)	36.3	36.3					36.3	(0.7)