ROSES year	Solicitation or Program Element Title	Submitted	Selected*	% Selected	SMD Division	Avg K$/Yr	Notes * Selected means "encouraged" or "invited" for Step-1 proposals, depending.
2023	Land-Cover/Land-Use Change - Multi-Source Land Imaging	25	7	28%	Earth Science		
2023	Carbon Monitoring System	78	16	21%	Earth Science		Two declined non compliant.
2023	Sea Level Change Science Team	30	14	47%	Earth Science		
2023	Surface Water and Ocean Topography (SWOT) Science Team	99	28	28%	Earth Science		
2023	Modeling, Analysis, and Prediction	26	8	31%	Earth Science		Includes one partial selection
2023	Cryospheric Science	54	15	28%	Earth Science		Two declined non compliant.
2023	Solar Irradiance Science Team	9	6	67%	Earth Science		
2023	Soil Moisture Active-Passive Mission Science Team	89	22	25%	Earth Science		
2023	Earth Surface and Interior	53	14	26%	Earth Science		
2023	Rapid Response and Novel Research in Earth Science	4	1	25%	Earth Science		
2023	CYGNSS Competed Science Team	31	11	35%	Earth Science		
2023	NASA-ISRO Synthetic Aperture Radar (NISAR) Mission Operations Science Team	40			Earth Science		NISAR Lauch now scheduled for March 2025
2023	Global Navigation Satellite System Research	23	7	30%	Earth Science		one declined not compliant
2023	GRACE-FO Science Team	35	16	46%	Earth Science		
2023	SAGE III/ISS Science Team	21	10	48%	Earth Science		One declined non compliant.
2023	Science Team for the OCO Missions	37	16	43%	Earth Science		One declined non compliant.
2023	Earth Surface Mineral Dust Source Investigation (EMIT) Science and Applications Team	51	16	31%	Earth Science		
2023	Understanding Changes in High Mountain Asia	35	12	34%	Earth Science		One declined non compliant.
2023	PACE Science and Applications Team	60	14	23%	Earth Science		Includes 3 partial selections
2023	Early Career Investigator Program in Earth Science	203	34	17%	Earth Science		Includes 20 partial selections
2023	GLOBE Implementation Office	9	2	22%	Earth Science		
2023	Earth Science Applications: Ecological Conservation Impact Assessment	7	4	57%	Earth Science		One declined non compliant.
2023	Earth Action: Community Action for Equity and Environmental Justice	51	10	20%	Earth Science		Two declined non compliant.
2023	Commercial Smallsat Data Acquisition New Vendor Onramp Evaluation	41	23	56%	Earth Science		One declined non compliant.
2023	Instrument Incubator Program	62	11	18%	Earth Science		One declined non compliant. One Selectable remains October 2024
2023	In-space Validation of Earth Science Technologies	15	1	7%	Earth Science		a selectable remains June 2024
2023	Advanced Information Systems Technology	66	24	36%	Earth Science		Also one more partial selection
2023	Technology Development for Support of Wildland Fire Science, Management, and Disaster	55	7	13%	Earth Science		6 declined not compliant.
2023	GEDI Science Team	39	16	41%	Earth Science		
2023	FireSense Implementation Team	62	20	32%	Earth Science		
2023	CYGNSS for Action: Phase-1 Studies	3	3	100%	Earth Science		
2023	Earth Action: Supporting Climate Resilient Communities	91	8	9%	Earth Science		One declined non compliant.
2023	Heliophysics Supporting Research	161	25	16%	Heliophysics		Five declined non compliant. Selections include one partial selection.
2023	Heliophysics Guest Investigators - Open	82	21	26%	Heliophysics		One declined non compliant.
2023	Living with a Star Science	62	17	27%	Heliophysics		
2023	Space Weather Science Applications Research-to-Operations-to-Research	50	8	16%	Heliophysics		
2023	Heliophysics Technology and Instrument Development for Science	26	11	42%	Heliophysics		One declined non compliant.
2023	Heliophysics Low Cost Access to Space	17	3	18%	Heliophysics		One declined non compliant. Three selected includes one partial selection.
2023	Heliophysics Flight Opportunities Studies	6	1	17%	Heliophysics		One declined non compliant.
2023	Heliophysics Innovation in Technology and Science	9	2	22%	Heliophysics		
2023	Heliophysics Artificial Intelligence/Machine Learning-Ready Data	39	4	10%	Heliophysics		One declined non compliant.
2023	Heliophysics Tools and Methods	11	4	36%	Heliophysics		
2023	Heliophysics Citizen Science Investigations	10	6	60%	Heliophysics		One declined non compliant.
2023	Solar Orbiter Guest Investigators	38	7	18%	Heliophysics		
2023	Emerging Worlds	42	21	50%	Planetary Science		One declined non compliant. Also one partial selection.
2023	Solar System Workings	113	32	28%	Planetary Science		One declined non compliant. At least one selectable remains October 2024
2023	Planetary Data Archiving, Restoration, and Tools	55	19	35%	Planetary Science		
2023	Exobiology	55	17	31%	Planetary Science		
2023	Solar System Observations	14	6	43%	Planetary Science		One declined non compliant. Also one Selected - No NASA Funding, in addition to the 6
2023	New Frontiers Data Analysis Program	22	9	41%	Planetary Science		
2023	Lunar Data Analysis	55	8	15%	Planetary Science		One declined non compliant. At least one selectable remains October 2024
2023	Mars Data Analysis	79	22	28%	Planetary Science		two declined non compliant.
2023	Cassini Data Analysis Program	43	15	35%	Planetary Science		
2023	Discovery Data Analysis	21	5	24%	Planetary Science		One declined non compliant.
2023	Planetary Instrument Concepts for the Advancement of Solar System Observations	27	10	37%	Planetary Science		
2023	Planetary Science and Technology Through Analog Research	45	9	20%	Planetary Science		one declined non compliant. Selectables remain October 2024
2023	Planetary Protection Research	8	4	50%	Planetary Science		
2023	Laboratory Analysis of Returned Samples	8	5	63%	Planetary Science		
2023	Planetary Science Early Career Award	29	5	17%	Planetary Science		
2023	Development and Advancement of Lunar Instrumentation	32	5	16%	Planetary Science		one declined non compliant
2023	Yearly Opportunities for Research in Planetary Defense	34	14	41%	Planetary Science		One selected was a partial
2023	Here to Observe	13	8	62%	Planetary Science		
2023	Hera Participating Scientist Program	27	12	44%	Planetary Science		
2023	Astrophysics Data Analysis	160	40	25%	Astrophysics		14 declined not compliant.
2023	Astrophysics Research and Analysis	162	38	23%	Astrophysics		2 declined not compliant. Four partial selections included in the reported in the 38
2023	Astrophysics Theory Program	168	45	27%	Astrophysics		6 declined not compliant.
2023	Neil Gehrels Swift Observatory General Investigator Cycle 20	178	59	33%	Astrophysics		
2023	Fermi General Investigator Cycle 17	113	36	32%	Astrophysics		
2023	Strategic Astrophysics Technology	41	12	29%	Astrophysics		One declined not compliant
2023	Nancy Grace Roman Technology Fellowships for Early Career Researchers	3	3	100%	Astrophysics		
2023	NuSTAR General Observer Cycle 10	178	93	52%	Astrophysics		
2023	TESS General Investigator Cycle 7	123	37	30%	Astrophysics		
2023	NICER General Observer Cycle 6	130	55	42%	Astrophysics		
2023	Theoretical and Computational Astrophysics Networks	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2023	Astrophysics Pioneers	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2023	Nancy Grace Roman Space Telescope Research and Support Participation Opportunities	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2023	Lisa Preparatory Science	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2023	Astrophysics Decadal Survey Precursor Science	58	15	26%	Astrophysics		One declined not compliant
2023	IXPE General Observer - Cycle 1	132	39	30%	Astrophysics		
2023	XRISM General Observer-Cycle 1	6	2	33%	Astrophysics		
2023	Critical Technologies for Large Telescopes	7	3	43%	Astrophysics		One declined not compliant
2023	Physical Sciences Informatics	23	5	22%	Biological and Physical Sciences		1 declined not compliant.
2023	Exoplanets Research Program	116	26	22%	Cross Division		6 declined not compliant.
2023	Future Investigators in NASA Earth and Space Science and Technology Astro	312	24	8%	Cross Division		
2023	Future Investigators in NASA Earth and Space Science and Technology BPS	40	4	10%	Cross Division		
2023	Future Investigators in NASA Earth and Space Science and Technology Earth	433	57	13%	Cross Division		
2023	Future Investigators in NASA Earth and Space Science and Technology Helio	75	16	21%	Cross Division		
2023	Future Investigators in NASA Earth and Space Science and Technology Planetary	258	55	21%	Cross Division		
2023	Habitable Worlds Step-1	70	N/A	N/A	Cross Division		
2023	Habitable Worlds Step-2	40	11	28%	Cross Division		2 declined not compliant
2023	Supplements for Open-Source Science	39	11	28%	Cross Division		Several selectables remain, March 2025
2023	Citizen Science Seed Funding Program	20	10	50%	Cross Division		
2023	Artemis III Deployed Instruments Program	35	3	9%	Cross Division		3 declined not compliant. One of the three selected was no NASA funding
2023	High Priority Open-Source Science	31	7	23%	Cross Division		Closed March 29, 2024. 4 declined not compliant.
2023	Economic, Social, and Policy Analyses of Orbital Debris and Space Sustainability	10	2	20%	Cross Division		
2023	NASA Innovation Corps	12	6	50%	Cross Division		Closed March 29, 2024. 3 declined not compliant.
2023	Research Initiation Awards	73	18	25%	Cross Division		8 declined not compliant.
2023	Bridge Program Seed Funding	83	44	53%	Cross Division		Closed March 29, 2024. 6 declined not compliant.
2022	Astrophysics Data Analysis	176	48	27%	Astrophysics		Six were declined non compliant
2022	Astrophysics Research and Analysis	147	38	26%	Astrophysics		includes two partial selections. Four were declined non compliant.
2022	Astrophysics Theory Program	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2022	Neil Gehrels Swift Observatory General Investigator Cycle 19	148	46	31%	Astrophysics		
2022	Fermi General Investigator Cycle 16	90	36	40%	Astrophysics		
2022	Strategic Astrophysics Technology	37	13	35%	Astrophysics		Includes on partial selection. Four were declined non compliant.
2022	Nancy Grace Roman Technology Fellowships for Early Career Researchers	1	1	100%	Astrophysics		
2022	NuSTAR General Observer Cycle 9	159	86	54%	Astrophysics		
2022	TESS General Investigator Cycle 6	119	41	34%	Astrophysics		
2022	NICER General Observer Cycle 5	136	65	48%	Astrophysics		
2022	Theoretical and Computational Astrophysics Networks	35	4	11%	Astrophysics		7 were declined non compliant.
2022	Astrophysics Pioneers	11	2	18%	Astrophysics		One declined not compliant
2022	Nancy Grace Roman Space Telescope Research and Support Participation Opportunities	91	30	33%	Astrophysics		One declined not compliant. Inclues two partial selections
2022	Lisa Preparatory Science	35	8	23%	Astrophysics		two were declined non compliant.
2022	Astrophysics Decadal Survey Precursor Science	48	10	21%	Astrophysics		
2022	X-Ray Imaging and Spectroscopy Mission Guest Scientist Program	49	21	43%	Astrophysics		Two declined not compliant
2022	Extreme Precision Radial Velocity Foundation Science	14	5	36%	Astrophysics		
2022	Ultraviolet Transient Astronomy Satellite Participating Scientists Program	34	14	41%	Astrophysics		One declined not compliant. Four selected were no NASA funding.
2022	Fundamental Physics Step-1	30	N/A	N/A	Biological and Physical Science		
2022	Fundamental Physics Step-2	21	7	33%	Biological and Physical Sciences		Three declined non compliant. Values in the columns to the left include two partial selections. Selectables remain
2022	Physical Sciences Informatics	14	6	43%	Biological and Physical Science		
2022	Space Biology Research Step-1	111	N/A	N/A	Biological and Physical Science		
2022	Space Biology Research Step-2	94	11	12%	Biological and Physical Sciences		5 declined not compliant.
2022	Research Pathfinder for Beyond LEO Space Biology Investigations Step-1	10	N/A	N/A	Biological and Physical Science		
2022	Research Pathfinder for Beyond LEO Space Biology Investigations Step-2	9	2	22%	Biological and Physical Science		
2022	Topical Workshops, Symposia, and Conferences	79	58	73%	Cross Division		Selections include three partial selections
2022	Exoplanets Research Program	172	31	18%	Cross Division		Four declined not compliant
2022	Future Investigators in NASA Earth and Space Science and Technology Astro	264	27	10%	Cross Division		
2022	Future Investigators in NASA Earth and Space Science and Technology BPS	40	2	5%	Cross Division		
2022	Future Investigators in NASA Earth and Space Science and Technology Earth	369	53	14%	Cross Division		
2022	Future Investigators in NASA Earth and Space Science and Technology Helio	77	24	31%	Cross Division		
2022	Future Investigators in NASA Earth and Space Science and Technology Planetary	216	39	18%	Cross Division		7 decined not compliant.
2022	Habitable Worlds Step-1	57	N/A	N/A	Cross Division		
2022	Habitable Worlds Step-2	39	11	28%	Cross Division		
2022	Supplemental Open Source Software Awards	6	5	83%	Cross Division		
2022	Citizen Science Seed Funding Program	13	5	38%	Cross Division		
2022	Payloads and Research Investigations on the Surface of the Moon Step-1	36	N/A	N/A	Cross Division		
2022	Payloads and Research Investigations on the Surface of the Moon Step-2	22	1	5%	Cross Division		one declined not compliant
2022	Transform to Open Science Training	34	16	47%	Cross Division		
2022	High Priority Open-Source Science	20	8	40%	Cross Division		Two declined not compliant.
2022	Economic, Social, and Policy Analyses of Orbital Debris and Space Sustainability	10	3	30%	Cross Division		
2022	NASA Innovation Corps	10	4	40%	Cross Division		
2022	Multidomain Reusable Artificial Intelligence Tools	18	8	44%	Cross Division		
2022	Land Cover/ Land Use Change Step-1	53	N/A	N/A	Earth Science		
2022	Land Cover/ Land Use Change Step-2	23	11	48%	Earth Science		
2022	Scoping Studies for the Next Terrestrial Ecology Field Campaign	5	2	40%	Earth Science		
2022	Carbon Monitoring System: Continuing Prototype Product Development	48	18	38%	Earth Science		Two declined not compliant.
2022	Physical Oceanography	40	9	23%	Earth Science		
2022	Ocean Vector Winds Science Team	27	12	44%	Earth Science		
2022	Aura Science Team and Atmospheric Composition Modeling and Analysis Program	65	30	46%	Earth Science		
2022	Airborne and Satellite Investigation of Asian Air Quality	24	13	54%	Earth Science		two declined not compliant
2022	Terrestrial Hydrology	17	5	29%	Earth Science		one declined not compliant
2022	Weather and Atmospheric Dynamics	69	13	19%	Earth Science		
2022	Earth Surface and Interior	45	17	38%	Earth Science		
2022	Rapid Response and Novel Research in Earth Science	11	6	55%	Earth Science		Selectables remain
2022	Earth Science U.S. Participating Investigator	21	9	43%	Earth Science		
2022	Making Earth System Data Records for Use in Research Environments	69	25	36%	Earth Science		
2022	Interdisciplinary Research in Earth Science	137	30	22%	Earth Science		includes one "partial" selection
2022	Earth Science Research from Operational Geostationary Satellite Systems	59	9	15%	Earth Science		
2022	Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission Validation	47	23	49%	Earth Science		One was declined for being not compliant. Selectables remain, February 2024
2022	Studies with ICESat-2	50	26	52%	Earth Science		One was declined for being not compliant
2022	ECOSTRESS Science and Applications Team	54	15	28%	Earth Science		One was declined for being not compliant
2022	Earth Science Applications: Agriculture	4	1	25%	Earth Science		

2022	Earth Science Applications: Ecological Conservation	33	15	45%	Earth Science		
2022	Commercial Smallsat Data Acquisition New Vendor Onramp Evaluation	55	39	71%	Earth Science		
2022	Commercial Smallsat Data Scientific Analysis	72	22	31%	Earth Science		
2022	Advanced Component Technology	57	13	23%	Earth Science		
2022	Applications-Oriented Augmentations for Research and Analysis	11	8	73%	Earth Science		two declined not compliant. One of the selections was "partial"
2022	Earth System Science for Building Coastal Resilience	24	6	25%	Earth Science		The six selected includes one partial selection
2022	Technology Development for Support of Wildfire Science and Disaster Mitigation Step-1	108	54	50%	Earth Science		
2022	Technology Development for Support of Wildfire Science and Disaster Mitigation Step-2	24	6	25%	Earth Science		One was declined for being not compliant.
2022	Earth Venture Suborbital-4	42	6	14%	Earth Science		Includes partial selections
2022	Land-Cover/Land-Use Change SARI Synthesis	23	11	48%	Earth Science		
2022	Heliophysics Theory, Modeling and Simulations Step-1	64	N/A	N/A	Heliophysics		
2022	Heliophysics Theory, Modeling and Simulations Step-2	59	11	19%	Heliophysics		Three were declined not compliant.
2022	Heliophysics Guest Investigator Open Step-1	99	N/A	N/A	Heliophysics		
2022	Heliophysics Guest Investigator Open Step-2	87	25	29%	Heliophysics		one declined not compliant
2022	Living With a Star Science Step-1	40	N/A	N/A	Heliophysics		
2022	Living With a Star Science Step-2	39	12	31%	Heliophysics		
2022	Space Weather Science Application Research-to-Operations-to-Research Step-1	22	N/A	N/A	Heliophysics		
2022	Space Weather Science Application Research-to-Operations-to-Research Step-2	17	4	24%	Heliophysics		one declined not compliant
2022	Heliophysics Technology and Instrument Development for Science	24	11	46%	Heliophysics		one declined not compliant
2022	Heliophysics Low Cost Access to Space	19	7	37%	Heliophysics		
2022	Heliophysics Flight Opportunities Studies	7	4	57%	Heliophysics		
2022	Heliophysics Data Environment Enhancements	1	1	100%	Heliophysics		
2022	Heliophysics Early Career Investigator Program Step-1	54	N/A	N/A	Heliophysics		
2022	Heliophysics Early Career Investigator Program Step-2	47	13	28%	Heliophysics		One declined not compliant
2022	Heliophysics Innovations for Technology and Science	10	4	40%	Heliophysics		3 are still no decision February 2024
2022	Heliophysics Artificial Intelligence/Machine Learning-Ready Data	20	4	20%	Heliophysics		
2022	Interdisciplinary Science for Eclipse Step-1	39	N/A	N/A	Heliophysics		
2022	Interdisciplinary Science for Eclipse Step-2	36	5	14%	Heliophysics		2 selectables remain February 2024
2022	Heliophysics Tools and Methods	18	6	33%	Heliophysics		
2022	Heliophysics Citizen Science Investigations	8	3	38%	Heliophysics		
2022	Space Weather Centers of Excellence	17	4	24%	Heliophysics		one of the four is a partial selection
2022	Emerging Worlds	34	17	50%	Planetary Science		One declined not compliant. Selections include one partial and two that are no NASA funding.
2022	Solar System Workings	84	37	44%	Planetary Science		Two declined not compliant. Selections include one with no NASA funding.
2022	Planetary Data Archiving and Restoration	27	8	30%	Planetary Science		One declined not compliant.
2022	Exobiology	60	14	23%	Planetary Science		One declined not compliant. Selections include two partial
2022	Solar System Observations	20	8	40%	Planetary Science		
2022	New Frontiers Data Analysis Step-1	30	N/A	N/A	Planetary Science		
2022	New Frontiers Data Analysis Step-2	22	11	50%	Planetary Science		One declined not compliant
2022	Lunar Data Analysis Step-1	46	N/A	N/A	Planetary Science		
2022	Lunar Data Analysis Step-2	34	8	24%	Planetary Science		One declined not compliant
2022	Mars Data Analysis Step-1	77	N/A	N/A	Planetary Science		
2022	Mars Data Analysis Step-2	55	15	27%	Planetary Science		
2022	Cassini Data Analysis Step-1	35	N/A	N/A	Planetary Science		
2022	Cassini Data Analysis Step-2	27	8	30%	Planetary Science		
2022	Discovery Data Analysis	16	9	56%	Planetary Science		
2022	Planetary Instrument Concepts for the Advancement of Solar System Observations	18	9	50%	Planetary Science		Selections include one "partial"
2022	Maturation of Instruments for Solar System Exploration	37	5	14%	Planetary Science		
2022	Planetary Protection Research	15	5	33%	Planetary Science		
2022	Laboratory Analysis of Returned Samples	12	7	58%	Planetary Science		
2022	Planetary Science Enabling Facilities	25	10	40%	Planetary Science		Selections include three partial selections
2022	Planetary Science Early Career Award	32	5	16%	Planetary Science		
2022	Development and Advancement of Lunar Instrumentation	33	4	12%	Planetary Science		
2022	Interdisciplinary Consortia for Astrobiology Research	28	8	29%	Planetary Science		Selections include one "partial"
2022	Yearly Opportunities for Research in Planetary Defense	18	8	44%	Planetary Science		One declined non compliant
2022	Analog Activities to Support Artemis Lunar Operations (D-RATS)	33	13	39%	Planetary Science		
2022	Martian Moons Exploration Participating Scientist Program	49	10	20%	Planetary Science		
2022	Artemis III Geology Team	9	1	11%	Planetary Science		
2022	Apollo Next Generation Sample Analysis Program	7	3	43%	Planetary Science		One declined not compliant.
2022	Precursor Science Investigations for Europa	28	5	18%	Planetary Science		
2021	Astrophysics Data Analysis	214	48	22%	Astrophysics	154	5 Were declined not compliant
2021	Astrophysics Research and Analysis	155	57	37%	Astrophysics		one declined not compliant. Nine of the selections listed to the left was a partial selection.
2021	Astrophysics Theory Program	181	47	26%	Astrophysics		3 were declined not compliant
2021	Neil Gehrels Swift Observatory General Investigator Cycle 18	140	44	31%	Astrophysics		
2021	Fermi General Investigator Cycle 15	80	34	43%	Astrophysics		
2021	Strategic Astrophysics Technology	40	14	35%	Astrophysics		one declined not compliant. One of the selections listed to the left was a partial selection.
2021	Nancy Grace Roman Technology Fellowships for Early Career Researchers	1	1	100%	Astrophysics		
2021	NuSTAR General Observer Cycle 8	165	81	49%	Astrophysics		
2021	TESS General Investigator Cycle 5	101	49	49%	Astrophysics		
2021	NICER General Observer Cycle 4	107	71	66%	Astrophysics		
2021	X-Ray Imaging and Spectroscopy Mission Guest Scientist Program	see notes	see notes	see notes	Astrophysics		Not Solicited This Year, moved to 2022.
2021	Astrophysics Explorers U.S. Participating Investigators	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2021	Theoretical and Computational Astrophysics Networks	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2021	Astrophysics Pioneers	15	1	7%	Astrophysics		3 declined not compliant.
2021	Physical Sciences Informatics	29	5	17%	Biological and Physical Science		one declined not compliant
2021	Extended Longevity of 3D Tissues and Microphysiological Systems	36	9	25%	Biological and Physical Science		This was not in ROSES, this was a separate solicitation: NNH21ZDA015N.
2021	Space Biology: Animal Studies Step-1	56	56	N/A	Biological and Physical Science		
2021	Space Biology: Animal Studies Step-2	47	12	26%	Biological and Physical Science		Of the 12 selected, one was a partial selection. Three were declined as not compliant. Two remain selectable February 2023
2021	Space Biology: Plant Studies Step-1	45	45	N/A	Biological and Physical Science		
2021	Space Biology: Plant Studies Step-2	35	7	20%	Biological and Physical Science		Two were declined as not compliant. One remains selectable February 2023
2021	Lunar Explorer Instrument for Space Biology Applications	10	3	30%	Biological and Physical Science		
2021	Topical Workshops, Symposia, and Conferences	31	27	87%	Cross Division		
2021	Exoplanets Research Program	183	22	12%	Cross Division		13 declined non-compliant
2021	Future Investigators in NASA Earth and Space Science and Technology Astro	222	29	13%	Cross Division		one declined non compliant
2021	Future Investigators in NASA Earth and Space Science and Technology BPS	38	2	5%	Cross Division		
2021	Future Investigators in NASA Earth and Space Science and Technology Earth	394	62	16%	Cross Division		2 Selected with No NASA Funding and one declined non compliant
2021	Future Investigators in NASA Earth and Space Science and Technology Helio	60	13	22%	Cross Division		one declined non compliant
2021	Future Investigators in NASA Earth and Space Science and Technology Planetary	224	32	14%	Cross Division		six declined non compliant
2021	Future Investigators in NASA Earth and Space Science and Technology Science Engagem	2	1	50%	Cross Division		Proposals were submitted 2/11/2022
2021	Science Activation Program Integration	30	8	27%	Cross Division		and 5 more were partialy Supported.
2021	Supplemental Open Source Software Awards	0	0	N/A	Cross Division		
2021	Citizen Science Seed Funding Program	29	11	38%	Cross Division		two declined non compliant
2021	Payloads and Research Investigations on the Surface of the Moon	31	2	6%	Cross Division		
2021	Land Cover/ Land Use Change	19	8	42%	Earth Science		
2021	Terrestrial Ecology	46	20	43%	Earth Science		
2021	Biodiversity	16	10	63%	Earth Science		
2021	Ocean Salinity Science Team	29	12	41%	Earth Science		plus one partial selection
2021	Cryospheric Science	34	11	32%	Earth Science		one declined as not compliant
2021	Arctic Radiation-Cloud-Aerosol-Surface Interaction Experiment	33	18	55%	Earth Science		
2021	Remote Sensing of Water Quality	38	10	26%	Earth Science		
2021	Earth Surface and Interior	49	18	37%	Earth Science		
2021	Precipitation Measurement Missions Science Team	114	36	32%	Earth Science		
2021	DSCOVR Science Team	26	13	50%	Earth Science		
2021	CloudSat and CALIPSO Science Team Recompete	65	22	34%	Earth Science		
2021	Rapid Response and Novel Research in Earth Science	7	5	71%	Earth Science		one is still no decision remains 09/22. Did not close until 03/29/2022
2021	Earth Science Applications: Water Resources	67	30	45%	Earth Science		
2021	SERVIR Applied Sciences Team	49	20	41%	Earth Science		
2021	Earth Science Applications: Health and Air Quality	68	8	12%	Earth Science		
2021	Instrument Incubator Program	56	17	30%	Earth Science		
2021	Decadal Survey Incubation	76	36	47%	Earth Science		
2021	Advanced Information Systems Technology	66	32	48%	Earth Science		one declined not compliant.
2021	Land-Cover/Land-Use Change: SARI Synthesis	19	8	42%	Earth Science		five declined as not compliant
2021	Earth Science Applications: Socioeconomic Assessments	10	2	20%	Earth Science		one of the two selected was a partial selection.
2021	Earth Science Applications: Equity and Environmental Justice	72	39	54%	Earth Science		
2021	Subseasonal-to-Seasonal Hydrometeorological Prediction	57	13	23%	Earth Science		one declined as not compliant
2021	Increasing Participation of Minority Serving Institutions in Earth Science Division Surface-Ba	22	10	45%	Earth Science		Also 5 partial selections not listed in the 10 to the left
2021	Heliophysics Supporting Research	111	24	22%	Heliophysics		
2021	Heliophysics Guest Investigator Open	75	24	32%	Heliophysics		plus one partial selection
2021	Living With a Star Science	66	20	30%	Heliophysics		
2021	Living With a Star Science Strategic Capabilities	13	4	31%	Heliophysics		
2021	Space Weather Science Application Research-to-Operations-to-Research	14	6	43%	Heliophysics		
2021	Heliophysics Technology and Instrument Development for Science	14	5	36%	Heliophysics		
2021	Heliophysics Low Cost Access to Space	12	4	33%	Heliophysics		
2021	Heliophysics Flight Opportunities Studies	5	2	40%	Heliophysics		
2021	Heliophysics Data Environment Enhancements	4	3	75%	Heliophysics		
2021	Geospace Dynamics Constellation Interdisciplinary Scientists	10	3	30%	Heliophysics		
2021	Heliophysics Mission Concept Studies	14	6	43%	Heliophysics		
2021	Interdisciplinary Science for Eclipse	13	7	54%	Heliophysics		
2021	Heliophysics Living With a Star Tools and Methods Step-1	47	47	N/A	Heliophysics		
2021	Heliophysics Living With a Star Tools and Methods Step-2	39	12	31%	Heliophysics		
2021	Heliophysics Innovations for Technology and Science	9	6	67%	Heliophysics		
2021	Heliophysics Living with a Star Infrastructure	1	1	100%	Heliophysics		
2021	Analog Activities to Support Artemis Lunar Operations (D-RATS)	32	10	31%	Planetary Science		
2021	Cassini Data Analysis Step-1	51	49	N/A	Planetary Science		
2021	Cassini Data Analysis Step-2	38	15	39%	Planetary Science		
2021	Development and Advancement of Lunar Instrumentation Program Step-1	56	56	N/A	Planetary Science		
2021	Development and Advancement of Lunar Instrumentation Program Step-2	44	5	11%	Planetary Science		
2021	Discovery Data Analysis	31	9	29%	Planetary Science		4 declined not compliant
2021	Emerging Worlds	36	11	31%	Planetary Science		3 declined not compliant.
2021	EnVision VenSAR Science Team	42	14	33%	Planetary Science		One declined not compliant. Two selections were without NASA funding
2021	Exobiology	64	17	27%	Planetary Science		3 declined compliant
2021	Hot Operating Temperature Technology	38	7	18%	Planetary Science		
2021	Juno Participating Scientist Program	27	9	33%	Planetary Science		Plus one non-US proposal selected but no NASA funding
2021	Laboratory Analysis of Returned Samples	8	3	38%	Planetary Science		
2021	Lunar Data Analysis Step-1	46	43	N/A	Planetary Science		
2021	Lunar Data Analysis Step-2	35	7	20%	Planetary Science		
2021	Mars Data Analysis Step-1	96	79	N/A	Planetary Science		
2021	Mars Data Analysis Step-2	66	20	30%	Planetary Science		
2021	Mars Science Laboratory Participating Scientist Program	50	25	50%	Planetary Science		one declined not compliant.
2021	New Frontiers Data Analysis Step-1	31	30	N/A	Planetary Science		
2021	New Frontiers Data Analysis Step-2	21	7	33%	Planetary Science		
2021	OSIRIS-REx Sample Analysis Participating Scientist Program	48	9	19%	Planetary Science		Three declined not compliant. Selections include two partial selections.
2021	Planetary Data Archiving, Restoration, and Tools	53	11	21%	Planetary Science		one is a partial selection
2021	Planetary Instrument Concepts for the Advancement of Solar System Observations	22	6	27%	Planetary Science		Three declined not compliant.
2021	Planetary Protection Research	10	5	50%	Planetary Science		
2021	Planetary Science and Technology Through Analog Research	49	14	29%	Planetary Science		14 selections include one partial selection
2021	Solar System Observations	19	8	42%	Planetary Science		2 of the 8 are partial selections
2021	Solar System Workings	81	28	35%	Planetary Science		includes two that are no NASA funding
2021	VIPER Mission Co-Investigator Program	50	8	16%	Planetary Science		
2021	Yearly Opportunities for Research in Planetary Defense	23	11	48%	Planetary Science		
2020	Astrophysics Data Analysis	311	47	15%	Astrophysics	155	Actually, 313 were submitted but only 311 were reviewed as 1 proposal was declared non compliant, and 1 proposal was
2020	Astrophysics Research and Analysis	169	44	26%	Astrophysics		
2020	Astrophysics Theory Program	see notes	see notes	see notes	Astrophysics		Not Solicited This Year

2020	Neil Gehrels Swift Observatory Guest Investigator Cycle 17	127	44	35%	Astrophysics		
2020	Fermi Guest Investigator Cycle 14	87	36	41%	Astrophysics		These are just the Phase-1 results, the Phase-2s were due 06/25/2021
2020	Strategic Astrophysics Technology	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2020	Nancy Grace Roman Technology Fellowships for Early Career Researchers	16	3	19%	Astrophysics		
2020	NuSTAR General Observer Cycle 7	196	84	43%	Astrophysics		These are just the Phase-1 results, the Phase-2s were due 06/18/2021. Of the 84 proposals were selected in Phase 1, 51 of
2020	TESS Guest Investigator Cycle 4	146	62	42%	Astrophysics		
2020	NICER Guest Observer Cycle 3	112	81	72%	Astrophysics		
2020	Astrophysics Explorers U.S. Participating Investigators	0	0	N/A	Astrophysics		
2020	Theoretical and Computational Astrophysics Networks	22	4	18%	Astrophysics		
2020	LISA Preparatory Science	16	6	38%	Astrophysics		
2020	Astrophysics Pioneers	24	4	17%	Astrophysics		
2020	Extreme Precision Radial Velocity Foundation Science Step-1 Proposals	31	28	N/A	Astrophysics		1 declined as non-compliant/not responsive
2020	Extreme Precision Radial Velocity Foundation Science Step-2 Proposals	25	8	32%	Astrophysics		
2020	Space Biology Step-1	104	104	N/A	Biological and Physical Science		
2020	Space Biology Step-2	83	15	18%	Biological and Physical Science		One declined non compliant.
2020	Physical Sciences Informatics	34	5	15%	Biological and Physical Science		This was not in ROSES in 2020, this was a separate solicitation: NNH20ZDA014N
2020	Fluid Physics Experiments on ISS	15	2	13%	Biological and Physical Science		This was not in ROSES in 2020, this was a separate solicitation: NNH20ZDA012N-A_FLUIDS
2020	Land Cover/ Land Use Change	66	13	20%	Earth Science		
2020	Ocean Biology and Biogeochemistry	76	17	22%	Earth Science		plus three partial selections and one declined non-compliant/not responsive
2020	Carbon Cycle Science	103	24	23%	Earth Science		Includes two partial selections.
2020	Carbon Monitoring System	55	17	31%	Earth Science		
2020	Biodiversity	114	13	11%	Earth Science		
2020	Global Ecosystem Dynamics Investigation (GEDI) Science Team	40	18	45%	Earth Science		
2020	Physical Oceanography	41	9	22%	Earth Science		
2020	Ocean Salinity Field Campaign	2	1	50%	Earth Science		
2020	Ocean Surface Topography Science Team	38	17	45%	Earth Science		
2020	Modeling Analysis and Prediction	175	34	19%	Earth Science		
2020	Cryospheric Science	80	18	23%	Earth Science		
2020	Atmospheric Composition: Upper Atmospheric Composition Observations	21	15	71%	Earth Science		
2020	Atmospheric Composition: Laboratory Research	11	3	27%	Earth Science		plus two partial selections
2020	Atmospheric Composition Campaign Data Analysis and Modeling	91	31	34%	Earth Science		
2020	Terrestrial Hydrology	48	11	23%	Earth Science		
2020	Earth and Surface Interior	62	15	24%	Earth Science		one declined not compliant/not responsive.
2020	CYGNSS Competed Science Team	46	14	30%	Earth Science		
2020	Rapid Response and Novel Research in Earth Science	48	21	44%	Earth Science		plus two partial selections and one declined not compliant/not responsive
2020	Earth Science U.S. Participating Investigator	30	6	20%	Earth Science		
2020	New (Early Career) Investigator Program in Earth Science	238	45	19%	Earth Science		1 declined not compliant/not responsive. Two partial selections
2020	The Science of Terra, Aqua, and Suomi-NPP	227	51	22%	Earth Science		includes 7 partial selections
2020	Studies with ICESat-2	24	10	42%	Earth Science		
2020	Health and Air Quality Applied Sciences Team	58	14	24%	Earth Science		
2020	Ecological Forecasting	28	13	46%	Earth Science		
2020	Citizen Science for Earth Systems Program	67	8	12%	Earth Science		
2020	Commercial SmallSat Data Analysis	135	25	19%	Earth Science		
2020	Advanced Component Technology	71	12	17%	Earth Science		
2020	In-space Validation of Earth Science Technologies	13	3	23%	Earth Science		
2020	Solar Irradiance Science Team	9	8	89%	Earth Science		
2020	SAGE III/ ISS Science Team	19	11	58%	Earth Science		
2020	Science Team for the OCO Missions	32	19	59%	Earth Science		
2020	Suomi NPP and JPSS Standard Products for Earth System Data Records	32	25	78%	Earth Science		plus one partial selection
2020	Heliophysics Supporting Research Step-1	134	132	N/A	Heliophysics		2 declined non compliant/not responsive
2020	Heliophysics Supporting Research Step-2	116	41	35%	Heliophysics		
2020	Heliophysics Guest Investigators Open Step-1	139	139	N/A	Heliophysics		
2020	Heliophysics Guest Investigators Open Step-2	119	29	24%	Heliophysics		plus one partial selection. 3 declined non compliant/not responsive
2020	Living With a Star Science Step-1	68	68	N/A	Heliophysics		
2020	Living With a Star Science Step-2	61	26	43%	Heliophysics		plus one partial selection.
2020	Space Weather Science Applications Operations 2 Research Step-1	38	37	N/A	Heliophysics		
2020	Space Weather Science Applications Operations 2 Research Step-2	33	9	27%	Heliophysics		
2020	Heliophysics Technology and Instrument Development for Science	31	15	48%	Heliophysics		2 declined non compliant
2020	Heliophysics Low Cost Access to Space	13	7	54%	Heliophysics		
2020	Heliophysics Flight Opportunities Studies	12	5	42%	Heliophysics		
2020	Heliophysics Flight Opportunities for Research and Technology	16	2	13%	Heliophysics		
2020	Heliophysics Data Environment Enhancements Step-1	20	20	N/A	Heliophysics		
2020	Heliophysics Data Environment Enhancements Step-2	17	9	53%	Heliophysics		
2020	Heliophysics U.S. Participating Investigator Step-1	14	14	N/A	Heliophysics		
2020	Heliophysics U.S. Participating Investigator Step-2	12	3	25%	Heliophysics		one was declined as non-compliant/not responsive
2020	Early Career Investigator Program Step-1	68	67	N/A	Heliophysics		
2020	Early Career Investigator Program Step-2	54	14	26%	Heliophysics		
2020	GOLD-ICON Guest Investigators Step-1	36	36	N/A	Heliophysics		
2020	GOLD-ICON Guest Investigators Step-2	32	14	44%	Heliophysics		
2020	Parker Solar Probe Guest Investigators Step-1	46	46	N/A	Heliophysics		
2020	Parker Solar Probe Guest Investigators Step-2	37	14	38%	Heliophysics		Selection rate overall is 11/46 = 30%. Plus one selected partial. 3 declined non compliant.
2020	HERMES Interdisciplinary Science Teams Step-1	12	11	N/A	Heliophysics		
2020	HERMES Interdisciplinary Science Teams Step-2	11	6	55%	Heliophysics		
2020	Emerging Worlds Step-1	145	142	N/A	Planetary Science	N/A	
2020	Emerging Worlds Step-2	125	22	18%	Planetary Science	195	22 includes one partial selection. One declined non compliant/not responsive
2020	Solar System Workings	253	47	19%	Planetary Science	170	Two declined, not compliant/not responsive.
2020	Exobiology	156	25	16%	Planetary Science	221	Two declined, not compliant/not responsive. Of those 25 selected 9 were partial selections.
2020	Solar System Observations Step-1	59	58	N/A	Planetary Science	N/A	
2020	Solar System Observations Step-2	47	13	28%	Planetary Science	147	
2020	Development and Advancement of Lunar Instrumentation Program Step-1	47	47	N/A	Planetary Science	N/A	
2020	Development and Advancement of Lunar Instrumentation Program Step-2	43	5	12%	Planetary Science	1895	$ value is total awarded amount, all sent in year 1.
2020	Laboratory Analysis of Returned Samples Step-1	36	36	N/A	Planetary Science	N/A	
2020	Laboratory Analysis of Returned Samples Step-2	30	7	23%	Planetary Science	329	Award sizes varied by ~ factor of 10
2020	Planetary Data Archiving, Restoration, and Tools Step-1	172	170	N/A	Planetary Science	N/A	
2020	Planetary Data Archiving, Restoration, and Tools Step-2	131	23	18%	Planetary Science	139	Includes one partial selection.
2020	Cassini Data Analysis Step-1	65	65	N/A	Planetary Science	N/A	
2020	Cassini Data Analysis Step-2	57	17	30%	Planetary Science	179	
2020	New Frontiers Data Analysis Step-1	61	61	N/A	Planetary Science	N/A	
2020	New Frontiers Data Analysis Step-2	44	16	36%	Planetary Science	163	includes one partial Selection. One declined as non-compliant/not responsive
2020	Discovery Data Analysis Step-1	57	57	N/A	Planetary Science	N/A	
2020	Discovery Data Analysis Step-2	48	12	25%	Planetary Science	164	
2020	Mars Data Analysis Step-1	134	103	N/A	Planetary Science	N/A	
2020	Mars Data Analysis Step-2	96	31	32%	Planetary Science	144	
2020	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	125	118	N/A	Planetary Science	N/A	
2020	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	94	10	11%	Planetary Science	318	including a partial selection.
2020	Planetary Protection Research	see notes	see notes	see notes	Planetary Science	N/A	Not Solicited This Year
2020	Lunar Data Analysis Step-1	66	61	N/A	Planetary Science	N/A	
2020	Lunar Data Analysis Step-2	45	7	16%	Planetary Science	187	
2020	Topical Workshops, Symposia, and Conferences	38	21	55%	Cross Division		Includes one partial selection.
2020	Exoplanets Research Program	153	30	20%	Cross Division		7 declined not compliant.
2020	Habitable Worlds Step-1	147	71	N/A	Cross Division	N/A	
2020	Habitable Worlds Step-2	71	8	11%	Cross Division	169	3 declined non compliant.
2020	Future Investigators in NASA Earth and Space Science and Technology Astro	196	21	11%	Cross Division	45	199 received, 2 returned without review, 3 moved to PSD, 2 received from PSD, 196 total reviewed, 21 selected
2020	Future Investigators in NASA Earth and Space Science and Technology Earth	344	58	17%	Cross Division	45	351 received, 2 withdrawn, 5 non compliant, 58 selected
2020	Future Investigators in NASA Earth and Space Science and Technology Helio	36	16	44%	Cross Division	45	36 received. 16 selected. 2 instrument/technology 7 DAP, 1 space weather science application, 6 theory modeling.
2020	Future Investigators in NASA Earth and Space Science and Technology Planetary	247	33	13%	Cross Division	45	
2020	Science Activation Program Integration	32	9	28%	Cross Division	675	Includes two partial selections.
2020	Support for Open Source Tools, Frameworks, and Libraries	61	8	13%	Cross Division		
2020	Supplemental Open Source Software Awards	6	6	100%	Cross Division		
2020	Citizen Science Seed Funding Program	35	9	26%	Cross Division		6 declined not compliant.
2020	Payloads and Research Investigations on the Surface of the Moon Step-1	52	38	N/A	Cross Division	N/A	
2020	Payloads and Research Investigations on the Surface of the Moon Step-2	29	3	10%	Cross Division		2 declined not compliant.
2020	COVID-related Augmentations and Funded Extensions	171	95	56%	Cross Division		
2019	Astrophysics Research and Analysis	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2019	Astrophysics Theory Program	236	52	22%	Astrophysics		
2019	Swift Guest Investigator - Cycle 16	120	44	37%	Astrophysics		
2019	Fermi Guest Investigator - Cycle 13	110	40	36%	Astrophysics		
2019	Strategic Astrophysics Technology	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2019	Nancy Grace Roman Technology Fellowships	2	2	100%	Astrophysics		
2019	NuSTAR General Observer - Cycle 6	173	42	24%	Astrophysics		
2019	TESS Guest Investigator - Cycle 3	155	46	30%	Astrophysics		
2019	NICER Guest Observer - Cycle 2	91	52	57%	Astrophysics		
2019	Astrophysics Science SmallSat Studies	32	8	25%	Astrophysics		
2019	System-Level Segmented Telescope Design - Technology Maturation	3	2	67%	Astrophysics		
2019	Land Cover Land Use Change Step-1	30	29	N/A	Earth Science		Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019	Land Cover Land Use Change Step-2	25	9	36%	Earth Science		
2019	Physical Oceanography	40	8	20%	Earth Science		6 full selections 2 partial selections
2019	Ocean Salinity Science Team	30	11	37%	Earth Science		One declined as non compliant. Two partial selections included in the 11/30
2019	Sea Level Change Science Team	15	7	47%	Earth Science		6 out of the 7 selected were not fully funded.
2019	Surface Water and Ocean Topography Science Team	68	17	25%	Earth Science		The 17 selected includes 2 partial selections.
2019	Modeling Analysis and Prediction	19	10	53%	Earth Science		
2019	Aura Science Team	66	17	26%	Earth Science		17 Includes one partial selection.
2019	Terrestrial Hydrology	53	11	21%	Earth Science		
2019	The Soil Moisture Active-Passive Mission Science Team	103	29	28%	Earth Science		
2019	Weather and Atmospheric Dynamics	85	20	24%	Earth Science		
2019	Earth Surface and Interior	60	14	23%	Earth Science		
2019	GRACE-FO Science Team	38	21	55%	Earth Science		
2019	Rapid Response and Novel Research in Earth Science	6	4	67%	Earth Science		
2019	Airborne Instrument Technology Transition	14	4	29%	Earth Science		
2019	Interdisciplinary Research in Earth Science	118	35	30%	Earth Science		
2019	Earth Science Research from Operational Geostationary Satellite Systems	152	27	18%	Earth Science		
2019	ICESat-2 Research	96	24	25%	Earth Science		
2019	Global Navigation Satellite System Research	24	11	46%	Earth Science		
2019	PACE Science and Applications Team	52	23	44%	Earth Science		Includes 6 partial selections.
2019	Understanding Changes in High Mountain Asia	38	4	11%	Earth Science		
2019	Advancing Collaborative Connections for Earth System Science	72	11	15%	Earth Science		
2019	Instrument Incubator Program	70	19	27%	Earth Science		
2019	Sustainable Land Imaging - Technology	12	6	50%	Earth Science		
2019	Utilization of Airborne L- and S- Band Synthetic Aperture Radar Imagery over North	45	11	24%	Earth Science		2 were declined as non compliant
2019	Decadal Survey Incubation Study Teams: Planetary Boundary Layer and Surface Topograp	62	25	40%	Earth Science		
2019	Heliophysics Supporting Research Step-1	140	140	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics Supporting Research Step-2	122	30	25%	Heliophysics		one Step-2 proposal was declined as non compliant.
2019	Heliophysics Theory, Modeling, and Simulations Step-1	64	64	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics Theory, Modeling, and Simulations Step-2	54	14	26%	Heliophysics		
2019	Heliophysics Guest Investigators Open Step-1	146	146	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics Guest Investigators Open Step-2	128	30	23%	Heliophysics		8 declined as non compliant
2019	Heliophysics Living With a Star Science Step-1	73	73	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics Living With a Star Science Step-2	65	26	40%	Heliophysics		
2019	Space Weather Science Applications Operations 2 Research Step-1	56	56	N/A	Heliophysics		Step-1 all "Invited"
2019	Space Weather Science Applications Operations 2 Research Step-2	48	13	27%	Heliophysics		
2019	Heliophysics Technology and Instrument Development for Science	31	12	39%	Heliophysics		
2019	Heliophysics Flight Opportunities for Research and Technology	42	15	36%	Heliophysics		one declined non compliant.
2019	Living With a Star Strategic Capabilities	see notes	see notes	see notes	Heliophysics		Not solicited in ROSES-2019

2019	Heliophysics Data Environment Emphasis Step-1	18	18	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics Data Environment Emphasis Step-2	15	11	73%	Heliophysics		
2019	Heliophysics U.S. Participating Investigator	see notes	see notes	see notes	Heliophysics		Not solicited in ROSES-2019
2019	Outer Heliosphere Guest Investigators Step-1	19	18	N/A	Heliophysics		One Step-1 was declined as non compliant
2019	Outer Heliosphere Guest Investigators Step-2	16	5	31%	Heliophysics		One Step-2 was declined as non compliant
2019	Heliophysics System Observatory Data Support	6	4	67%	Heliophysics		
2019	Heliophysics System Observatory - Connect Step-1	17	17	N/A	Heliophysics		Step-1 all "Invited"
2019	Heliophysics System Observatory - Connect Step-2	14	4	29%	Heliophysics		
2019	Emerging Worlds Step-1	138	130	N/A	Planetary Science	N/A	
2019	Emerging Worlds Step-2	100	23	23%	Planetary Science	244	4 declined non compliant. Of those 23 selected 5 were partial selections.
2019	Exobiology	159	18	11%	Planetary Science	259	7 declined non compliant.
2019	Solar System Observations Step-1	66	65	N/A	Planetary Science	N/A	
2019	Solar System Observations Step-2	49	9	18%	Planetary Science	151	
2019	Development and Advancement of Lunar Instrumentation Program Step-1	51	49	N/A	Planetary Science	N/A	
2019	Development and Advancement of Lunar Instrumentation Program Step-2	44	5	11%	Planetary Science	1027	one declined non compliant
2019	Laboratory Analysis of Returned Samples Step-1	31	25	N/A	Planetary Science	N/A	
2019	Laboratory Analysis of Returned Samples Step-2	23	6	26%	Planetary Science	634	Plus one partial selection. Two declined non compliant. Award sizes range from ~100K-1M
2019	Planetary Data Archiving, Restoration, and Tools Step-1	144	139	N/A	Planetary Science	N/A	
2019	Planetary Data Archiving, Restoration, and Tools Step-2	112	18	16%	Planetary Science	150	
2019	Cassini Data Analysis Step-1	85	85	N/A	Planetary Science	N/A	
2019	Cassini Data Analysis Step-2	61	18	30%	Planetary Science	187	
2019	New Frontiers Data Analysis Step-2	27	11	41%	Planetary Science	159	
2019	Lunar Data Analysis Step-1	62	59	N/A	Planetary Science	N/A	
2019	Lunar Data Analysis Step-2	31	8	26%	Planetary Science	127	
2019	Planetary Science and Technology Through Analog Research Step-1	81	69	N/A	Planetary Science	N/A	
2019	Planetary Science and Technology Through Analog Research Step-2	49	6	12%	Planetary Science	761	
2019	Discovery Data Analysis Step-1	57	56	N/A	Planetary Science	N/A	
2019	Discovery Data Analysis Step-2	43	8	19%	Planetary Science	158	
2019	Mars Data Analysis Step-1	163	129	N/A	Planetary Science	N/A	
2019	Mars Data Analysis Step-2	103	21	20%	Planetary Science	160	
2019	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	128	116	N/A	Planetary Science	N/A	
2019	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	97	12	12%	Planetary Science	299	One of the selections was a feasibility study. Average annual award size of the other 11 = 321
2019	Planetary Protection Research	see notes	see notes	see notes	Planetary Science	N/A	Not solicited in ROSES-2019
2019	Planetary Major Equipment and Facilities: Stand-alone proposals	see notes	see notes	see notes	Planetary Science	N/A	Not solicited in ROSES-2019
2019	Planetary Science Early Career Award Program	35	6	17%	Planetary Science		
2019	Interdisciplinary Consortia for Astrobiology Research Step-1	46	34	N/A	Planetary Science	N/A	Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019	Interdisciplinary Consortia for Astrobiology Research Step-2	30	6	20%	Planetary Science	823	In addtion to the 6 listed, there were also two "partially" selected
2019	Europa Clipper Gravity/Radio Science Team	44	8	18%	Planetary Science		1/11 for Team Lead, 7/33 for Co-I
2019	Akatsuki Participating Scientist Program Mandatory NOI	18	N/A	N/A	Planetary Science	N/A	
2019	Akatsuki Participating Scientist Program Proposals	11	4	36%	Planetary Science	191	
2019	Mars 2020 Participating Scientist Program Mandatory NOI	195	N/A	N/A	Planetary Science	N/A	
2019	Mars 2020 Participating Scientist Program Proposals	120	13	11%	Planetary Science	83	13 selected includes 3 from foreign organizations
2019	Solar System Workings	371	42	11%	Planetary Science	176	
2019	Topical Workshops, Symposia, and Conferences	47	32	68%	Cross Division		Proposers are instructed to contact funding program manager; most proposals are not submitted without NASA acquiescence
2019	Exoplanets Research Program	see notes	see notes	see notes	Cross Division		not solicited in ROSES-19 see Second Exoplanets Research Program in 2018
2019	Habitable Worlds Step-1	111	70	N/A	Cross Division		Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019	Habitable Worlds Step-2	65	7	11%	Cross Division		
2019	Applied Information Systems Research Step-1	21	18	N/A	Cross Division		Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019	Applied Information Systems Research Step-2	17	2	12%	Cross Division		Step-2 proposals were due 4/17/2020
2019	Future Investigators in NASA Earth and Space Science and Technology	797	131	16%	Cross Division		Astro = 20/158, Earth = 63/341, Helio = 14/44, Planetary = 34/254
2018	Astrophysics Data Analysis	246	53	22%	Astrophysics	122	6 Declined as Non-Compliant.
2018	Second Astrophysics Data Analysis	247	38	15%	Astrophysics		This takes the place of the 2019 solicitation, it was added to ROSES-2018 to maintain the normal schedule because ROSES-19
2018	Astrophysics Research and Analysis	164	31	19%	Astrophysics		Plus 19 partial selections. Including partial selections the rate is 30%.
2018	Astrophysics Science SmallSat Studies	38	9	24%	Astrophysics	144	
2018	Astrophysics Theory Program	see notes	see notes	see notes	Astrophysics		Not Solicited This Year
2018	Fermi Guest Investigator - Cycle 12	97	35	36%	Astrophysics		Number submitted based on Phase-1 via ARK RPS
2018	K2 Guest Observer - Cycle 7	see notes	see notes	see notes	Astrophysics	N/A	Not Solicited This Year
2018	LISA Preparatory Science	30	9	N/A	Astrophysics	219	43 mandatory NOIs received.
2018	Nancy Grace Roman Technology Fellowships	1	1	100%	Astrophysics		
2018	NICER Guest Observer - Cycle 1	84	49	58%	Astrophysics		Number submitted based on Phase-1 via ARK RPS
2018	NuSTAR Guest Observer - Cycle 5	198	67	41%	Astrophysics		Number submitted based on Phase-1 via ARK RPS
2018	SOFIA Next Generation Instrumentation	6	0	0%	Astrophysics		
2018	Strategic Astrophysics Technology	30	12	40%	Astrophysics		
2018	Swift Guest Investigator - Cycle 15	141	22	16%	Astrophysics		Number submitted based on Phase-1 via ARK RPS
2018	Transiting Exoplanet Survey Satellite Cycle-2	151	37	25%	Astrophysics		Number submitted based on Phase-1 via ARK RPS
2018	Apollo Next Generation Sample Analysis Program	23	9	39%	Planetary Science	286	
2018	Astrodynamics in Support of Icy Worlds Missions Step-1	38	37	N/A	Planetary Science	N/A	
2018	Astrodynamics in Support of Icy Worlds Missions Step-2	33	4	12%	Planetary Science	301	
2018	Cassini Data Analysis Step-1	79	79	N/A	Planetary Science	N/A	
2018	Cassini Data Analysis Step-2	61	18	30%	Planetary Science	121	Plus one partial selection
2018	Cassini Data Analysis:PDS Cassini Data Release 54 Step-1	10	9	N/A	Planetary Science	N/A	
2018	Cassini Data Analysis: PDS Cassini Data Release 54 Step-2	7	2	29%	Planetary Science	125	
2018	Development and Advancement of Lunar Instrumentation Program Step-1	72	72	N/A	Planetary Science	N/A	
2018	Development and Advancement of Lunar Instrumentation Program Step-2	48	10	21%	Planetary Science	1070	
2018	Discovery Data Analysis Step-1	33	32	N/A	Planetary Science	N/A	
2018	Discovery Data Analysis Step-2	22	5	23%	Planetary Science	129	plus one partial selection
2018	Emerging Worlds Step-1	161	135	N/A	Planetary Science	N/A	
2018	Emerging Worlds Step-2	110	26	24%	Planetary Science	187	
2018	Exobiology	156	24	15%	Planetary Science	215	
2018	Instrument Concepts for Europa Exploration 2 Step-1	49	48	N/A	Planetary Science	N/A	
2018	Instrument Concepts for Europa Exploration 2 Step-2	44	14	32%	Planetary Science	1020	
2018	Korea Pathfinder Lunar Orbiter Participating Scientist Program Step-1	40	40	N/A	Planetary Science	N/A	
2018	Korea Pathfinder Lunar Orbiter Participating Scientist Program Step-2	26	9	35%	Planetary Science	110	Launch date delayed review postponed. Selections made late 2020.
2018	Laboratory Analysis of Returned Samples Step-1	33	29	N/A	Planetary Science	N/A	
2018	Laboratory Analysis of Returned Samples Step-2	26	9	35%	Planetary Science	299	
2018	Lunar Data Analysis Step-1	66	63	N/A	Planetary Science	N/A	
2018	Lunar Data Analysis Step-2	37	9	24%	Planetary Science	110	
2018	Lunar Surface Instrument and Technology Payloads Step-1	69	61	N/A	Planetary Science	N/A	
2018	Lunar Surface Instrument and Technology Payloads Step-2	51	12	24%	Planetary Science	1275	
2018	Mars 2020 Returned Sample Science Participating Scientist Program	54	10	19%	Planetary Science	87	Of the 10 awards one was to a foreign proposer.
2018	Mars Data Analysis Step-1	160	129	N/A	Planetary Science	N/A	
2018	Mars Data Analysis Step-2	103	23	22%	Planetary Science	136	Plus one partial selection
2018	Maturation of Instruments for Solar System Exploration Step-1	75	66	N/A	Planetary Science	N/A	
2018	Maturation of Instruments for Solar System Exploration Step-2	55	6	11%	Planetary Science	1000	
2018	New Frontiers Data Analysis Step-1	44	34	N/A	Planetary Science	N/A	
2018	New Frontiers Data Analysis Step-2	25	9	36%	Planetary Science	129	
2018	Planetary Data Archiving, Restoration, and Tools Step-1	122	113	N/A	Planetary Science	N/A	
2018	Planetary Data Archiving, Restoration, and Tools Step-2	91	16	18%	Planetary Science	157	
2018	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	124	116	N/A	Planetary Science	N/A	
2018	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	91	11	12%	Planetary Science	318	
2018	Planetary Major Equipment and Facilities Step-1	22	14	N/A	Planetary Science	N/A	
2018	Planetary Major Equipment and Facilities Step-2	9	1	11%	Planetary Science	1,053	
2018	Planetary Mission Concept Studies	54	10	19%	Planetary Science	120	1-year awards only
2018	Planetary Protection Research	35	10	29%	Planetary Science	195	one declined non compliant
2018	Planetary Science and Technology Through Analog Research Step-1	N/A	N/A	N/A	Planetary Science	N/A	Not Solicited This Year
2018	Planetary Science and Technology Through Analog Research Step-2	N/A	N/A	N/A	Planetary Science	N/A	Not Solicited This Year
2018	Scientific Exploration Subsurface Access Mechanism for Europa Technology Development	10	10	N/A	Planetary Science	N/A	
2018	Scientific Exploration Subsurface Access Mechanism for Europa Technology Development	9	5	56%	Planetary Science	1087	
2018	Solar System Observations Step-1	82	81	N/A	Planetary Science	N/A	
2018	Solar System Observations Step-2	66	14	21%	Planetary Science	146	14 selected include three partial selections
2018	Solar System Workings	338	74	22%	Planetary Science	149	
2018	Rosetta Data Analysis Step-1	26	26	N/A	Planetary Science	N/A	
2018	Rosetta Data Analysis Step-2	23	7	30%	Planetary Science	174	
2018	Exoplanets Research Program Step-1	152	151	N/A	Cross Division	N/A	1 late proposal returned without review
2018	Exoplanets Research Program Step-2	117	16	14%	Cross Division	159	
2018	Second Exoplanets Research Program Step-1	184	184	N/A	Cross Division	N/A	This takes the place of the 2019 solicitation, it was added to ROSES-2018 to maintain the normal schedule because ROSES-19
2018	Second Exoplanets Research Program Step-2	139	21	15%	Cross Division		of the 21 selected, two were partial and of those declined, one was non compliant.
2018	Habitable Worlds Step-1	127	72	N/A	Cross Division	N/A	
2018	Habitable Worlds Step-2	60	10	17%	Cross Division	185	9 full selection and one partial selection and one decline as non compliant
2018	Topical Workshops, Symposia, and Conferences	52	38	73%	Cross Division		Proposers are instructed to contact funding program manager; most proposals are not submitted without NASA acquiescence.
2018	Ocean Salinity Field Campaign SPURS-2 Processing and Synthesis	4	4	100%	Earth Science	137	
2018	Earth Surface and Interior	55	19	35%	Earth Science	169	
2018	Sustaining Living Systems in a Time of Climate Variability and Change	63	17	27%	Earth Science		
2018	Earth Science Applications: Disaster Risk Reduction and Response	40	10	25%	Earth Science	358	
2018	Precipitation Measurement Missions (PMM) Science Team	130	40	31%	Earth Science	131	
2018	Physical Oceanography	56	12	21%	Earth Science	153	
2018	Earth Science U.S. Participating Investigator	26	8	31%	Earth Science		The 8th was funded later by Physical Oceanography program funds
2018	CloudSat and CALIPSO Science Team Recompete	101	21	21%	Earth Science		
2018	Earth Science Applications: Water Resources Step-1	106	49	46%	Earth Science	N/A	
2018	Earth Science Applications: Water Resources Step-2	46	9	20%	Earth Science	312	Plus four more partial selections
2018	Atmospheric Composition: Modeling and Analysis	114	24	21%	Earth Science	179	Plus one bridge funding
2018	NASA Energy and Water Cycle Study	13	2	15%	Earth Science		
2018	Science Team for the NASA ISRO Synthetic Aperture Radar (NISAR) Mission	51	25	49%	Earth Science		
2018	Land Cover Land Use Change Step-1	52	23	44%	Earth Science	N/A	
2018	Land Cover Land Use Change Step-2	22	9	41%	Earth Science		Overall selection rate vs. Step-1s is 17%
2018	Rapid Response and Novel Research in Earth Science	8	7	88%	Earth Science		
2018	SERVIR Applied Sciences Team Step-1	94	58	62%	Earth Science		
2018	SERVIR Applied Sciences Team Step-2	54	20	37%	Earth Science		
2018	Terrestrial Ecology	72	17	24%	Earth Science		
2018	DSCOVR Science Team	29	13	45%	Earth Science	154	
2018	ECOSTRESS Science Team	73	15	21%	Earth Science		
2018	Advanced Information Systems Technology	100	22	22%	Earth Science		
2018	Remote Sensing Theory for Earth Science	134	23	17%	Earth Science		
2018	Plankton, Aerosol, Cloud, Ocean Ecosystem (PACE) Mission System Vicarious Calibration	4	2	50%	Earth Science		
2018	Carbon Monitoring System: Continuing Prototype Product Development	54	15	28%	Earth Science		
2018	Heliophysics Data Environment Enhancements Step-1	9	6	N/A	Heliophysics	N/A	
2018	Heliophysics Data Environment Enhancements Step-2	4	4	100%	Heliophysics	59	
2018	Heliophysics - Early Career Investigator Program Step-1	101	55	54%	Heliophysics	N/A	
2018	Heliophysics - Early Career Investigator Program Step-2	50	9	18%	Heliophysics		9 full selection and three partial selections
2018	Heliophysics Guest Investigators Step-1	160	159	N/A	Heliophysics	N/A	
2018	Heliophysics Guest Investigators Step-2	142	37	26%	Heliophysics		
2018	Heliophysics Living With a Star Science Step-1	120	120	N/A	Heliophysics	N/A	
2018	Heliophysics Living With a Star Science Step-2	104	29	28%	Heliophysics		two declined as non compliant.
2018	Heliophysics Phase I DRIVE Science Centers Step-1	44	43	N/A	Heliophysics	N/A	
2018	Heliophysics Phase I DRIVE Science Centers Step-2	39	9	23%	Heliophysics		
2018	Heliophysics Space Weather Operations-to-Research	19	9	47%	Heliophysics		
2018	Second Heliophysics Space Weather Operations-to-Research Step-1	12	12	N/A	Heliophysics	N/A	
2018	Second Heliophysics Space Weather Operations-to-Research Step-2	12	7	58%	Heliophysics		
2018	Heliophysics Supporting Research Step-1	190	189	N/A	Heliophysics	N/A	Step-1 break out by discipline: HSPHR: 42, ITM: 19, MAG: 71, Sun: 58
2018	Heliophysics Supporting Research Step-2	169	33	20%	Heliophysics		Step-2 break out by discipline: HSPHR: 8/37, ITM: 4/18 , MAG: 12/69 , Sun: 9/54
2018	Heliophysics Technology and Instrument Development for Science Step-1	92	92	N/A	Heliophysics	N/A	
2018	Heliophysics Technology and Instrument Development for Science Step-2	74	4	5%	Heliophysics		
2017	Astrophysics Data Analysis	264	43	16%	Astrophysics		
2017	Astrophysics Research and Analysis	169	36	21%	Astrophysics		52 total selections, of which 14 were partial selections.

2017	Astrophysics Theory Program	219	51	23%	Astrophysics		Four proposals were declined as non compliant.
2017	Fermi Guest Investigator - Cycle 11 Phase-1	138	41	30%	Astrophysics		138 proposals were received for Fermi Cycle 11 via ARK RPS 02/23/2018. That includes 5 Large Project proposals. The
2017	K2 Guest Observer - Cycle 6 Phase-1	69	65	N/A	Astrophysics		65 proposals were ranked "Good" or better and received pixel resources.
2017	K2 Guest Observer - Cycle 6 Phase-2	42	23	55%	Astrophysics		
2017	Nancy Grace Roman Technology Fellowships	2	0	0%	Astrophysics		The two proposals that were submitted were declined as non-compliant
2017	NuSTAR Guest Observer - Cycle 4	196	83	42%	Astrophysics		
2017	Strategic Astrophysics Technology	25	11	44%	Astrophysics		
2017	Swift Guest Investigator - Cycle 14	146	30	21%	Astrophysics		8 were from non-US organizations and thus not funded and 1 belongs to a category of unfunded proposals (the so-called "Fill-In"
2017	Theoretical and Computational Astrophysics Networks	32	3	9%	Astrophysics		One proposal declined non compliant.
2017	Transiting Exoplanet Survey Satellite Cycle-1	143	38	27%	Astrophysics		Of those selected 4 were programs from non-US Organizations and thus not eligible for funding
2017	Exoplanets Research Program Step-1	146	145	N/A	Cross Division	N/A	
2017	Exoplanets Research Program Step-2	111	19	17%	Cross Division	148	
2017	Habitable Worlds Step-1	101	59	N/A	Cross Division	N/A	
2017	Habitable Worlds Step-2	46	8	17%	Cross Division	186	
2017	Topical Workshops, Symposia, and Conferences	54	32	59%	Cross Division		
2017	Advanced Component Technology	88	12	14%	Earth Science		
2017	Advancing Collaborative Connections for Earth System Science	39	5	13%	Earth Science		52 NOIs were submitted.
2017	Atmospheric Composition: Laboratory Research	20	8	40%	Earth Science		
2017	Computational Modeling Algorithms and CyberInfrastructure	13	5	38%	Earth Science		10 NOIs submitted
2017	Cryospheric Science	67	13	19%	Earth Science		
2017	CYGNSS Competed Science Team	44	14	32%	Earth Science		
2017	Earth Science Applications: Health and Air Quality	62	11	18%	Earth Science		
2017	Earth Surface and Interior	39	13	33%	Earth Science		
2017	Earth Venture Suborbital-3	30	5	17%	Earth Science		One of the 5 was a partial selection
2017	Fire Impacts on Regional to Global Scales: Emissions, Chemistry, Transport, and Models	38	17	45%	Earth Science		Only 9 were fully funded. One proposal was from a foreign organization 7 were partially funded.
2017	In-space Validation of Earth Science Technologies	25	4	16%	Earth Science		
2017	Land Cover/Land Use Change	33	8	24%	Earth Science		
2017	Making Earth Systems Data Records for Use in Research Environments	96	24	25%	Earth Science		One declined non compliant.
2017	New (Early Career) Investigator Program in Earth Science	141	33	23%	Earth Science		One declined non compliant.
2017	Ocean Salinity Science Team	28	7	25%	Earth Science		
2017	Ocean Vector Winds Science Team	48	15	31%	Earth Science		2 declined non compliant
2017	Phyical Oceanography	27	12	44%	Earth Science		29 NOIs submitted
2017	Rapid Response and Novel Research in Earth Science	5	2	40%	Earth Science		
2017	SAGE III/ISS Science Team	34	10	29%	Earth Science		4 declined non compliant
2017	Science Team for the OCO Missions	41	17	41%	Earth Science		Plus four proposals from foreign organizations not eligible for NASA funding
2017	Solar Irradiance Science Team	11	8	73%	Earth Science		10 NOIs were submitted. Proposals came in 10/06/2017. One proposal was declined as non compliant.
2017	Terrestrial Hydrology	92	20	22%	Earth Science		17 fully funded, 3 partially funded.
2017	The Science of Terra, Aqua, Suomi, NPP, and JPSS	230	66	29%	Earth Science		
2017	Heliophysics Guest Investigators Step-1	193	191	N/A	Heliophysics		
2017	Heliophysics Guest Investigators Step-2	175	32	18%	Heliophysics		Sun = 12/69; MAG = 10/53 (incl a partial); ITM =4/20 (incl a partial); HSPH = 6/33
2017	Heliophysics Infrastructure and Data Environment Enhancements Step-1	15	11	N/A	Heliophysics	N/A	
2017	Heliophysics Infrastructure and Data Environment Enhancements Step-2	9	9	100%	Heliophysics	53	
2017	Heliophysics Living With a Star Science Step-1	136	136	N/A	Heliophysics	N/A	
2017	Heliophysics Living With a Star Science Step-2	117	30	26%	Heliophysics		
2017	Heliophysics Space Weather Operations-to-Research	21	8	38%	Heliophysics		2 proposals are under consideration for funding by another Agency.
2017	Heliophysics Supporting Research Step-1	198	198	N/A	Heliophysics		
2017	Heliophysics Supporting Research Step-2	177	37	21%	Heliophysics		The 37 (21%) selected doesnt include the 7 partial selections. Sun 56 submitted, 12 selected, 3 partially selected, 0 declined
2017	Heliophysics Technology and Instrument Development for Science Step-1	101	100	N/A	Heliophysics		
2017	Heliophysics Technology and Instrument Development for Science Step-2	88	33	38%	Heliophysics		
2017	Magnetospheric Multiscale Guest Investigators Step-1	54	54	N/A	Heliophysics		
2017	Magnetospheric Multiscale Guest Investigators Step-2	47	16	34%	Heliophysics		Two declined as non compliant.
2017	Cassini Data Analysis Step-1	92	84	N/A	Planetary Science	N/A	
2017	Cassini Data Analysis Step-2	73	20	27%	Planetary Science	120	
2017	Discovery Data Analysis Step-1	54	53	N/A	Planetary Science	N/A	
2017	Discovery Data Analysis Step-2	35	7	20%	Planetary Science	165	
2017	Emerging Worlds Step-1	172	158	N/A	Planetary Science	N/A	
2017	Emerging Worlds Step-2	128	30	23%	Planetary Science	164	The 30 (23%) selected dont include 5 partial selections
2017	Exobiology Step-1	200	177	N/A	Planetary Science	N/A	
2017	Exobiology Step-2	150	30	20%	Planetary Science	230	The 27 (20%) selected does include the three partially selected.
2017	InSight Participating Scientist Program	67	19	28%	Planetary Science		Plus four proposals from foreign organizations are selectable and under consideration for funding by a foreign government
2017	Laboratory Analysis of Returned Samples Step-1	27	27	N/A	Planetary Science	N/A	
2017	Laboratory Analysis of Returned Samples Step-2	22	6	27%	Planetary Science	221	
2017	Lunar Data Analysis Step-1	65	64	N/A	Planetary Science	N/A	
2017	Lunar Data Analysis Step-2	48	11	23%	Planetary Science	127	Pus three partial selections
2017	Mars Data Analysis Step-1	154	131	N/A	Planetary Science	N/A	
2017	Mars Data Analysis Step-2	103	21	20%	Planetary Science	131	
2017	OSIRIS REx Participating Scientists Program Step-1	79	77	NA	Planetary Science	N/A	
2017	OSIRIS REx Participating Scientists Program Step-2	61	13	21%	Planetary Science	93	Two were from foreign proposers
2017	Planetary Data Archiving, Restoration, and Tools Step-1	108	100	NA	Planetary Science	N/A	
2017	Planetary Data Archiving, Restoration, and Tools Step-2	80	16	20%	Planetary Science	157	plus one partial selection not included in data to the left
2017	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	136	125	NA	Planetary Science	N/A	2 non-compliant, 9 discouraged.
2017	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	106	12	11%	Planetary Science	308	
2017	Planetary Protection Research	14	1	7%	Planetary Science	97	1 was fully selected, four were partially selected, and one was declined as non compliant. The remainder were declined.
2017	Planetary Science and Technology Through Analog Research Step-1	60	49	N/A	Planetary Science	N/A	
2017	Planetary Science and Technology Through Analog Research Step-2	47	6	13%	Planetary Science	820	wide range of award sizes
2017	Solar System Observations Step-1	90	90	N/A	Planetary Science	N/A	
2017	Solar System Observations Step-2	71	19	27%	Planetary Science	370	plus 5 partial selections in NEOO not included in the 19 listed. Avg award size for 10 PAST selections is ~157/year and for the 9
2017	Solar System Workings	366	74	20%	Planetary Science	146	
2017	Rosetta Data Analysis Step-1	45	43	N/A	Planetary Science	N/A	one non compliant and one discouraged
2017	Rosetta Data Analysis Step-2	31	9	29%	Planetary Science	135	One declined non compliant.
2016	Astrophysics Data Analysis	238	52	22%	Astrophysics	120	3 Proposals not reviewed as non-responsive/non-compliant. Total of awards: 17,900,460 over the period FY17-FY20. Selection
2016	Astrophysics Explorers U.S. Participating Investigators	1	0	0%	Astrophysics		
2016	Astrophysics Probe Mission Concept Studies	28	10	36%	Astrophysics		
2016	Astrophysics Research and Analysis	140	54	39%	Astrophysics		16 of there were partial awards.
2016	Astrophysics Theory Program	200	31	16%	Astrophysics	162	
2016	Exoplanet Research Program Step-2 Astro only, redundant with Xdiv XRP row	50	9	18%	Astrophysics		
2016	Fermi Guest Investigator - Cycle 10	183	42	23%	Astrophysics		
2016	K2 Guest Observer - Cycle 5 Step-1	104	104	N/A	Astrophysics		See also https://keplerscience.arc.nasa.gov/
2016	K2 Guest Observer - Cycle 5 Step-2	91	24	26%	Astrophysics		4 foreign PI's selected with no funding.
2016	Nancy Grace Roman Technology Fellowships	N/A	N/A	N/A	Astrophysics	NA	Not solicited this year
2016	NuSTAR Guest Observer - Cycle 3	216	47	22%	Astrophysics		47 awards include foreign investigators. 33 proposers from US organizations received funds.
2016	Strategic Astrophysics Technology	30	9	30%	Astrophysics		
2016	Swift Guest Investigator - Cycle 13	156	23	15%	Astrophysics		
2016	Exoplanets Research Program Step-1	140	139	N/A	Cross Division	NA	
2016	Exoplanets Research Program Step-2	110	20	18%	Cross Division	123	Plus a couple of partial selections
2016	Habitable Worlds Step-1	117	66	NA	Cross Division	NA	
2016	Habitable Worlds Step-2	61	14	23%	Cross Division	175	
2016	Interdisciplinary Science For Eclipse 2017 Step-1	41	41	NA	Cross Division	NA	
2016	Interdisciplinary Science For Eclipse 2017 Step-2	39	11	28%	Cross Division	95	
2016	Topical Workshops, Symposia, and Conferences	51	42	82%	Cross Division		Proposers are instructed to contact funding program manager; most proposals are not submitted without NASA acquiescence
2016	Land Cover/Land Use Change Step-1	53	27	NA	Earth Science		
2016	Land Cover/Land Use Change Step-2	25	9	36%	Earth Science		
2016	Ocean Biology and Biogeochemistry-1	67	65	NA	Earth Science		
2016	Ocean Biology and Biogeochemistry-2	49	13	27%	Earth Science		
2016	Terrestrial Ecology	34	9	26%	Earth Science		
2016	Carbon Cycle Science	135	28	21%	Earth Science		
2016	Carbon Monitoring System	76	16	21%	Earth Science		
2016	Physical Oceanography	34	11	32%	Earth Science		
2016	Ocean Salinity Science Team	38	17	45%	Earth Science		
2016	Sea Level Change Science Team	20	8	40%	Earth Science		
2016	Ocean Surface Topography Science Team	56	26	46%	Earth Science		
2016	Modeling, Analysis, and Prediction	161	39	24%	Earth Science		
2016	Atmospheric Composition: Upper Atmospheric Composition Observations	35	24	69%	Earth Science		
2016	Cloud and Aerosol Monsoonal Processes - Philippines Experiment	32	14	44%	Earth Science		
2016	Atmospheric Composition: Aura Science Team and Atmospheric Composition Modeling an	100	39	39%	Earth Science		
2016	Terrestrial Hydrology	29	14	48%	Earth Science		
2016	Weather and Atmospheric Dynamics	68	28	41%	Earth Science		
2016	Earth Surface and Interior	45	18	40%	Earth Science		
2016	Rapid Response and Novel Research in Earth Science	13	6	46%	Earth Science		
2016	Applied Science - Water Resources Step-1	75	44	59%	Earth Science		
2016	Applied Science - Water Resources Step-2	45	8	18%	Earth Science		
2016	IceBridge Science Team	16	6	38%	Earth Science		
2016	Sludies with ICESat and CryoSat-2	28	13	46%	Earth Science		
2016	Airborne Instrument Technology Transition	24	4	17%	Earth Science		
2016	Earth Science U.S. Participating Investigator	17	7	41%	Earth Science		
2016	Interdisciplinary Science	96	28	29%	Earth Science		
2016	NASA Data for Operation and Assessment	56	15	27%	Earth Science		
2016	Remote Sensing of Water Quality	44	9	20%	Earth Science		
2016	Utilization of Airborne Visible/Infrared Imaging Spectrometer - Next Generation Data from	27	10	37%	Earth Science		
2016	Advanced Information Systems Technology	137	21	15%	Earth Science		
2016	Instrument Incubator Program	80	19	24%	Earth Science		
2016	Earth Science Applications: Ecological Forecasting	33	13	39%	Earth Science		
2016	Citizen Science for Earth Systems Program	103	16	16%	Earth Science		
2016	Space Geodesy Research Program	8	4	50%	Earth Science		
2016	Group on Earth Observations Work Programme	111	33	30%	Earth Science		
2016	Earth Science Applications: Food Security and Agriculture	12	1	8%	Earth Science		
2016	Heliophysics Grand Challenges Research Step-1	44	44	NA	Heliophysics		
2016	Heliophysics Grand Challenges Research Step-2	40	10	25%	Heliophysics		
2016	Heliophysics Guest Investigators Step-1	198	197	NA	Heliophysics		
2016	Heliophysics Guest Investigators Step-2	181	30	17%	Heliophysics		Plus four partial selections
2016	Heliophysics Infrastructure and Data Environment Enhancements Step-1	28	28	N/A	Heliophysics	N/A	
2016	Heliophysics Infrastructure and Data Environment Enhancements Step-2	24	7	29%	Heliophysics	53	
2016	Heliophysics Living With a Star Science Step-1	74	74	100%	Heliophysics		
2016	Heliophysics Living With a Star Science Step-2	63	21	33%	Heliophysics		
2016	Heliophysics Supporting Research Step-1	235	233	N/A	Heliophysics		
2016	Heliophysics Supporting Research Step-2	211	31	15%	Heliophysics		
2016	Heliophysics Technology and Instrument Development for Science Step-1	87	86	N/A	Heliophysics		
2016	Heliophysics Technology and Instrument Development for Science Step-2	71	16	23%	Heliophysics		
2016	Heliophysics U.S. Participating Investigator Step-1	7	7	N/A	Heliophysics		
2016	Heliophysics U.S. Participating Investigator Step-2	5	2	40%	Heliophysics		
2016	Magnetospheric Multiscale Guest Investigators Step-1	57	55	NA	Heliophysics		
2016	Magnetospheric Multiscale Guest Investigators Step-2	40	10	25%	Heliophysics		
2016	Cassini Data Analysis Step-1	87	71	N/A	Planetary Science	N/A	
2016	Cassini Data Analysis Step-2	66	12	18%	Planetary Science		
2016	Concepts for Ocean worlds Life Detection Technology Step-1	104	104	N/A	Planetary Science	N/A	
2016	Concepts for Ocean worlds Life Detection Technology Step-2	83	16	19%	Planetary Science		
2016	Discovery Data Analysis Step-1	55	53	N/A	Planetary Science	N/A	1 was discouraged from this program but redirected and 1 was discouraged as non compliant
2016	Discovery Data Analysis Step-2	34	10	29%	Planetary Science	135	plus one partial selection not included in data to the left
2016	Dynamic Power Convertors for Radioisotope Power Systems Step-1	17	16	N/A	Planetary Science	N/A	
2016	Dynamic Power Convertors for Radioisotope Power Systems Step-2	14	4	29%	Planetary Science	see note	Phase 1s were around $800k each. Total cost estimates for Phase 1, 2, and 3, all came in at around $3M each.
2016	Emerging Worlds Step-1	204	201	N/A	Planetary Science	N/A	
2016	Emerging Worlds Step-2	155	34	22%	Planetary Science	177	This does not include stand alone PMEs which are funded from a separate source. One of the 34 selections was funded by
2016	Exobiology Step-1	239	217	N/A	Planetary Science	N/A	
2016	Exobiology Step-2	173	27	16%	Planetary Science	178	Plus three partial selections not included in the 27 selected to the left.
2016	Exoplanet Research Program Step-2 PSD only, redundant with Xdiv XRP row	60	11	18%	Planetary Science	123	
2016	Hot Operating Temperature Technology	30	12	40%	Planetary Science	600	
2016	Laboratory Analysis of Returned Samples Step-1	31	31	N/A	Planetary Science	N/A	
2016	Laboratory Analysis of Returned Samples Step-2	28	12	43%	Planetary Science	252	Plus one partial selection
2016	Lunar Data Analysis Step-1	63	63	N/A	Planetary Science	N/A	
2016	Lunar Data Analysis Step-2	48	10	21%	Planetary Science	120	
2016	Mars Data Analysis Step-1	166	156	N/A	Planetary Science	N/A	
2016	Mars Data Analysis Step-2	118	29	25%	Planetary Science	123	Plus two partial selections

2016	Maturation of Instruments for Solar System Exploration (MatISSE) Step-1	80	79	N/A	Planetary Science	N/A	
2016	Maturation of Instruments for Solar System Exploration (MatISSE) Step-2	62	8	13%	Planetary Science	906	
2016	New Frontiers Data Analysis Program Step-1	50	33	NA	Planetary Science	N/A	
2016	New Frontiers Data Analysis Program Step-2	27	6	22%	Planetary Science		
2016	Planetary Data Archiving, Restoration, and Tools Step-1	116	113	N/A	Planetary Science	N/A	
2016	Planetary Data Archiving, Restoration, and Tools Step-2	89	19	21%	Planetary Science	146	Plus two partial selections
2016	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	119	113	N/A	Planetary Science	N/A	
2016	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	85	17	20%	Planetary Science	311	5 declined as non compliant
2016	Planetary Science and Technology Through Analog Research Step-1	82	62	N/A	Planetary Science	N/A	
2016	Planetary Science and Technology Through Analog Research Step-2	50	6	12%	Planetary Science	855	wide range of award sizes
2016	Planetary Science Deep Space SmallSat Studies NOI's	107	107	N/A	Planetary Science	N/A	
2016	Planetary Science Deep Space SmallSat Studies Step-2	102	19	19%	Planetary Science	348	
2016	Solar System Observations Step-1	110	104	N/A	Planetary Science	N/A	
2016	Solar System Observations Step-2	90	30	33%	Planetary Science		plus 5 partial selections
2016	Solar System Workings Step-1	429	376	N/A	Planetary Science	N/A	
2016	Solar System Workings Step-2	299	60	20%	Planetary Science	156	
2015	Astrophysics Data Analysis	252	51	20%	Astrophysics	129	
2015	Astrophysics Research and Analysis	159	54	34%	Astrophysics		
2015	Astrophysics Theory Program	N/A	N/A	N/A	Astrophysics		not solicited this year
2015	Exoplanet Research Program Step-2 Astro only, redundant with Xdiv XRP row	39	6	15%	Astrophysics		this line is redundant with Xdiv XRP line, its here so that one can see all of the APD selections in one place.
2015	Fermi Guest Investigator - Cycle 9	184	36	20%	Astrophysics		
2015	K2 Guest Observer - Cycle 3 Step-1	83	N/A	N/A	Astrophysics		
2015	K2 Guest Observer - Cycle 3 Step-2	75	31	41%	Astrophysics		
2015	K2 Guest Observer - Cycle 4 Step-1	127	N/A	N/A	Astrophysics		
2015	K2 Guest Observer - Cycle 4 Step-2	109	36	33%	Astrophysics		
2015	Nancy Grace Roman Technology Fellowships	5	3	60%	Astrophysics		
2015	NuSTAR Guest Observer - Cycle 2	185	50	27%	Astrophysics		
2015	SOFIA Third Generation Science Instrument Step-1	4	N/A	N/A	Astrophysics		
2015	SOFIA Third Generation Science Instrument Step-2	3	2	67%	Astrophysics		
2015	Strategic Astrophysics Technology	29	7	24%	Astrophysics	843	
2015	Swift Guest Investigator - Cycle 12	185	29	16%	Astrophysics		
2015	WFIRST Science Investigation Teams and Adjutant Scientists	38	8	21%	Astrophysics		8 fully funded plus 5 partial selections as well.
2015	Exoplanet Research Program Step-1	137	N/A	N/A	Cross division	N/A	
2015	Exoplanet Research Program Step-2	112	20	18%	Cross division	114	Astro funded 7 and PSD funded 13 and one pilot study so a total of 20 not including pilot study
2015	Advancing Collaborative Connections for Earth System Science	52	8	15%	Earth Science		
2015	Biodiversity	21	7	33%	Earth Science		
2015	Carbon Monitoring System	68	15	22%	Earth Science		
2015	CloudSat and CALIPSO Science Team Recompete	97	25	26%	Earth Science		
2015	Cryospheric Science	84	17	20%	Earth Science		
2015	Earth Science Applications: Socioeconomic Benefits	20	1	5%	Earth Science		
2015	Earth Surface and Interior	59	25	42%	Earth Science		
2015	GRACE and GRACE-FO Science Team	32	20	63%	Earth Science		
2015	Health and Air Quality Applied Sciences Team	58	13	22%	Earth Science		
2015	IceBridge Observations	8	5	63%	Earth Science		
2015	In-Space Validation of Earth Science Technologies	24	4	17%	Earth Science		
2015	KORUS-AQ: An International Cooperative Air Quality Field Study in Korea	66	22	33%	Earth Science		
2015	Land Cover / Land Use Change	70	13	19%	Earth Science		This program uses a binding two Step submission. The 13/70 reflects the fact that 70 were submitted to Step-1, only 27 were
2015	Modeling, Analysis, and Prediction	8	5	63%	Earth Science		
2015	NASA ISRO Synthetic Aperture Radar mission Science Definition Team	44	20	45%	Earth Science		
2015	New (Early Career) Investigator Program in Earth Science	115	22	19%	Earth Science		
2015	Ocean Biology and Biogeochemistry	71	15	21%	Earth Science		
2015	Physical Oceanography	37	8	22%	Earth Science		
2015	Precipitation Measurement Missions Science Team	136	60	44%	Earth Science		
2015	Satellite Calibration Interconsistency Studies	85	12	18%	Earth Science		
2015	Science Utilization of the Soil Moisture Active-Passive Mission	117	37	32%	Earth Science		
2015	SERVIR Applied Sciences Team	43	16	37%	Earth Science		
2015	Surface Water and Ocean Topography Science Team	67	22	33%	Earth Science		
2015	Sustainable Land Imaging-Technology	30	6	20%	Earth Science		
2015	Understanding Changes in High Mountain Asia	61	12	20%	Earth Science		
2015	Heliophysics Guest Investigators Step-1	202	137	68%	Heliophysics	NA	
2015	Heliophysics Guest Investigators Step-2	150	24	16%	Heliophysics		
2015	Heliophysics Infrastructure and Data Environment Enhancements Step-1	15	15	100%	Heliophysics	NA	
2015	Heliophysics Infrastructure and Data Environment Enhancements Step-2	14	8	57%	Heliophysics	51	
2015	Heliophysics Living With a Star Science Step-1	103	101	98%	Heliophysics	NA	In this program selected at Step-1 really is binding these were "invited" to submit a Step-2. Normally, Step-1 proposals not
2015	Heliophysics Living With a Star Science Step-2	92	20	22%	Heliophysics		
2015	Heliophysics Supporting Research Step-1	377	226	N/A	Heliophysics	NA	
2015	Heliophysics Supporting Research Step-2	251	46	18%	Heliophysics		SOLR = 14/78; MAG = 15/77; ITM = 6/30; HSPHR = 11/66 (three were returned as non-compliant)
2015	Heliophysics Technology and Instrument Development for Science Step-1	135	134	N/A	Heliophysics	NA	
2015	Heliophysics Technology and Instrument Development for Science Step-2	106	14	13%	Heliophysics		
2015	Cassini Data Analysis Step-1	97	85	N/A	Planetary Science	NA	
2015	Cassini Data Analysis Step-2	84	21	25%	Planetary Science	116	
2015	Citizen science Asteroid Data, Education, and Tools Step-1	10	10	N/A	Planetary Science	NA	This program is actually being run by another Directorate, see solicitation.
2015	Citizen science Asteroid Data, Education, and Tools Step-2	8	2	25%	Planetary Science	112	This program is actually being run by another Directorate, see solicitation.
2015	Discovery Data Analysis Step-1	50	47	N/A	Planetary Science	NA	
2015	Discovery Data Analysis Step-2	39	9	23%	Planetary Science	137	Plus two partial selections
2015	Emerging Worlds Step-1	169	164	N/A	Planetary Science	NA	
2015	Emerging Worlds Step-2	132	29	22%	Planetary Science	167	There were 29 selections include three partial selections one of which was a very narrow pilot to preserve a collection of
2015	Exobiology Step-1	247	225	N/A	Planetary Science	NA	
2015	Exobiology Step-2	190	30	16%	Planetary Science	167	There were 30 selections include two descopes and three pilot studies. The average award size not including those five was
2015	Exoplanet Research Program Step-2 PSD only, redundant with Xdiv XRP row	72	13	18%	Planetary Science	99	This line is redundant with Xdiv XRP line, its here so that one can see all of the PSD selections in one place.
2015	Habitable Worlds Step-1	121	81	N/A	Planetary Science	NA	
2015	Habitable Worlds Step-2	63	10	16%	Planetary Science	151	
2015	Hayabusa2 Participating Scientist Step-1	69	69	N/A	Planetary Science	NA	
2015	Hayabusa2 Participating Scientist Step-2	46	9	20%	Planetary Science	56	One is a partial selection
2015	Laboratory Analysis of Returned Samples Step-1	22	20	N/A	Planetary Science	NA	
2015	Laboratory Analysis of Returned Samples Step-2	18	8	44%	Planetary Science	230	The average award size in year 1 ranges from ~$65K to nearly $600K
2015	Lunar Data Analysis Step-1	71	70	99%	Planetary Science	NA	
2015	Lunar Data Analysis Step-2	47	12	26%	Planetary Science	115	
2015	Mars Data Analysis Step-1	133	126	N/A	Planetary Science	NA	
2015	Mars Data Analysis Step-2	101	20	20%	Planetary Science	102	
2015	Mars Science Laboratory Participating Scientist Program Step-1	105	104	N/A	Planetary Science	NA	
2015	Mars Science Laboratory Participating Scientist Program Step-2	88	28	32%	Planetary Science		Of the 28 selected four were not for NASA funding and four were partial selections.
2015	New Frontiers Homesteader-1	134	117	N/A	Planetary Science	N/A	
2015	New Frontiers Homesteader-2	84	8	10%	Planetary Science	990	
2015	Planetary Data Archiving, Restoration, and Tools Step-1	117	113	N/A	Planetary Science	NA	
2015	Planetary Data Archiving, Restoration, and Tools Step-2	97	24	25%	Planetary Science	112	one of the 24 was a partial selection, but it had no effect on the average award size.
2015	Planetary Protection Research	9	3	33%	Planetary Science	152	3 were funded as proposed, two were one-year pilot studies.
2015	Planetary Science and Technology Through Analog Research Step-1	68	57	N/A	Planetary Science	NA	
2015	Planetary Science and Technology Through Analog Research Step-2	48	8	17%	Planetary Science	558	Awards range from ~$100K to ~$1M
2015	Solar System Observations New Step-1	70	69	N/A	Planetary Science	NA	
2015	Solar System Observations Step-2	52	13	25%	Planetary Science	118	
2015	Solar System Workings Step-1	485	403	N/A	Planetary Science	NA	
2015	Solar System Workings Step-2	314	66	21%	Planetary Science	132	
2014	Astrophysics Data Analysis	303	71	23%	Astrophysics	118	
2014	Astrophysics Explorer U.S. Participating Investigators	4	0	0%	Astrophysics		
2014	Astrophysics Research and Analysis	151	35	23%	Astrophysics		plus 10 partial selections
2014	Astrophysics Theory Program	216	32	15%	Astrophysics	155	
2014	Exoplanet Research Program Step-2 Astro only, redundant with Xdiv XRP row	62	14	23%	Astrophysics		
2014	Extreme Precision Doppler Spectrometer Instrument Step-1	6	N/A	N/A	Astrophysics		
2014	Extreme Precision Doppler Spectrometer Instrument Step-2	6	2	33%	Astrophysics		
2014	Fermi Guest Investigator – Cycle 8	190	35	18%	Astrophysics		
2014	K2 Guest Observer – Cycle 1 Step-1	110	N/A	N/A	Astrophysics		
2014	K2 Guest Observer – Cycle 1 Step-2	93	27	29%	Astrophysics		There were also 9 selected with no funding, presumably proposal from foreign organizations
2014	K2 Guest Observer – Cycle 2 Step-1	90	N/A	N/A	Astrophysics		
2014	K2 Guest Observer – Cycle 2 Step-2	76	26	34%	Astrophysics		There were also 9 selected with no funding, presumably proposal from foreign organizations
2014	Nancy Grace Roman Technology Fellowships	8	3	38%	Astrophysics	166	
2014	NuSTAR Guest Observer - Cycle 1	194	33	17%	Astrophysics		
2014	Strategic Astrophysics Technology	28	10	36%	Astrophysics		9 were fully funded, the 10th was a partial selection.
2014	Swift Guest Investigator – Cycle 11	168	32	19%	Astrophysics		
2014	WFIRST Preparatory Science	53	17	32%	Astrophysics	131	wide range, from $50K-$200K
2014	Exoplanet Research Program Step-1	169	163	96%	Cross division		
2014	Exoplanet Research Program Step-2	134	24	18%	Cross division		PSD funded 10 out of 72 = 14%, average award size = $131K. Plus, later, PSD funded two more with a one time only $50K
2014	Advanced Information Systems Technology	124	24	19%	Earth Science		
2014	Atmospheric Composition: Laboratory Research	45	13	29%	Earth Science		
2014	Atmospheric Composition: Modeling and Analysis	95	18	19%	Earth Science		
2014	Atmospheric Composition: Spectral Climate Signal	21	7	33%	Earth Science		
2014	Carbon Monitoring System	71	15	21%	Earth Science	313	
2014	Climate Indicators and Data Products for Future National Climate Assessments	94	25	27%	Earth Science		
2014	Computational Modeling Algorithms and Cyberinfrastructure	23	7	30%	Earth Science		
2014	DSCOVR Earth Science Algorithms	19	9	47%	Earth Science		
2014	Earth Science U.S. Participating Investigator	20	7	35%	Earth Science		
2014	GNSS Remote Sensing Science Team	30	10	33%	Earth Science		
2014	HyspIRI Preparatory Airborne Activities and Associated Science: Coral Reef and Volcano R	21	10	48%	Earth Science		
2014	IceBridge Research	23	9	39%	Earth Science		
2014	ICESat2 Science Definition Team	25	12	48%	Earth Science		
2014	Land Cover / Land Use Change: Multi-Source Land Imaging Science	42	7	17%	Earth Science		
2014	Ocean Biology and Biogeochemistry: Ocean Color Remote Sensing Vicarious (In Situ) Calil	12	3	25%	Earth Science		
2014	Ocean Salinity Field Campaign	21	12	57%	Earth Science		
2014	Physical Oceanography	35	7	20%	Earth Science		
2014	Rapid Response and Novel Research in Earth Science	15	5	33%	Earth Science		
2014	Remote Sensing Theory for Earth Science	118	22	19%	Earth Science		
2014	Science Team for the OCO-2 Mission	47	21	45%	Earth Science		
2014	Severe Storm Research	37	12	32%	Earth Science		
2014	Solar Irradiance Science Team	13	7	54%	Earth Science		
2014	Terrestrial Ecology	101	21	21%	Earth Science		
2014	Weather	37	12	32%	Earth Science		
2014	Heliophysics Guest Investigators Step-1	117	95	N/A	Heliophysics	N/A	
2014	Heliophysics Guest Investigators Step-2	90	37	41%	Heliophysics		Interface Region Imaging Spectrograph 9/21 selected. Open Data Development Element 20/51 selected. Van Allen Probes-
2014	Heliophysics Infrastructure and Data Environment Enhancements Step-1	22	21	N/A	Heliophysics	N/A	1 discouraged
2014	Heliophysics Infrastructure and Data Environment Enhancements Step-2	17	10	59%	Heliophysics		
2014	Heliophysics Living With a Star Science Step-1	118	N/A	N/A	Heliophysics	N/A	Step-1 proposals in this program are not evaluated, selected or declined.
2014	Heliophysics Living With a Star Science Step-2	103	22	21%	Heliophysics		
2014	Heliophysics Supporting Research Step-1	323	168	N/A	Heliophysics	N/A	The 168 encouraged break down as follows: Heliosphere 45/91, ITM = 21/40, Magnetosphere = 41/105 and Solar: = 61/102
2014	Heliophysics Supporting Research Step-2	221	39	18%	Heliophysics		Submitted proposals break down as follows: Heliosphere 60, ITM 24, Magnetosphere 61, and Solar 76. no decisions that I know
2014	Heliophysics Technology and Instrument Development for Science Step-1	98	N/A	N/A	Heliophysics	N/A	Step-1 proposals in this program are not evaluated, selected or declined.
2014	Heliophysics Technology and Instrument Development for Science Step-2	85	14	16%	Heliophysics		
2014	Cassini Data Analysis Step-1	101	100	N/A	Planetary Science	N/A	Only 1 Step-1 was discouraged for non compliance.
2014	Cassini Data Analysis Step-2	78	19	24%	Planetary Science	122	Of the 78 proposals submitted to CDAPS, 18 US organizations were seleted, plus one foreign investigator was selected. In
2014	Dawn at Ceres Guest Investigator Program Step-1	80	N/A	N/A	Planetary Science	N/A	Step-1 proposals in this program are not evaluated, selected or declined.
2014	Dawn at Ceres Guest Investigator Program Step-2	48	9	19%	Planetary Science	91	8 selected from US organizations and one to a foreign PI. The award sizes spanned a wide range
2014	Discovery Data Analysis Step-1	32	30	N/A	Planetary Science	N/A	1 was discouraged from this program but redirected and 1 was discouraged as non compliant
2014	Discovery Data Analysis Step-2	27	9	33%	Planetary Science	123	Plus one partial selection.
2014	Emerging Worlds Step-1	219	196	N/A	Planetary Science	N/A	19 were discouraged from this program but redirected and 4 were discouraged as non compliant
2014	Emerging Worlds Step-2	155	33	21%	Planetary Science	160	One selection was bridge funding, and was done as an augmentation. First year budgets: mean = $160, median = $144, Total
2014	Exobiology Step-1	186	174	N/A	Planetary Science	N/A	9 were discouraged from this program but redirected and 3 were discouraged as non compliant
2014	Exobiology Step-2	144	30	21%	Planetary Science	183	The 30 selected and the average award size for year 1 include 4 partial selections.
2014	Exoplanet Research Program Step-2 PSD only, redundant with Xdiv XRP row	70	10	14%	Planetary Science	131	PSD funded 10 out of 72 = 14%, average award size = $131K. Plus, later, PSD funded two more with a one time only $50K
2014	Habitable Worlds Step-1	110	100	N/A	Planetary Science	N/A	10 were discouraged
2014	Habitable Worlds Step-2	72	15	21%	Planetary Science	160	
2014	Laboratory Analysis of Returned Samples Step-1	29	29	N/A	Planetary Science	N/A	
2014	Laboratory Analysis of Returned Samples Step-2	24	9	38%	Planetary Science	245	
2014	Lunar Data Analysis Step-1	82	72	N/A	Planetary Science	N/A	8 were discouraged from this program but redirected and 2 were discouraged as non compliant

2014	Lunar Data Analysis Step-2	51	14	27%	Planetary Science	102	
2014	Mars Data Analysis Step-1	139	N/A	N/A	Planetary Science	N/A	
2014	Mars Data Analysis Step-2	104	28	27%	Planetary Science	105	One was a descope, one other asked for 4 years but is only getting 3 (not exactly a descope). No one year awards.
2014	Maturation of Instruments for Solar System Exploration (MatISSE) Step-1	55	54	N/A	Planetary Science	N/A	Only one was discouraged as non compliant
2014	Maturation of Instruments for Solar System Exploration (MatISSE) Step-2	44	5	11%	Planetary Science	937	
2014	Planetary Data Archiving, Restoration, and Tools Step-1	143	129	N/A	Planetary Science	N/A	14 were discouraged from this program but redirected
2014	Planetary Data Archiving, Restoration, and Tools Step-2	105	23	22%	Planetary Science	120	The 105 is a combination of 100 proposals submitted to PDART directly and another 5 that were sent from other programs. 2 out
2014	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-1	112	N/A	N/A	Planetary Science	N/A	Three were discouraged.
2014	Planetary Instrument Concepts for the Advancement of Solar System Observations Step-2	96	12	13%	Planetary Science	323	
2014	Planetary Protection Research	19	4	21%	Planetary Science	135	There were also three one year pilot studies. In this case the average award size is average of all years, not just year 1, as FY 15
2014	Planetary Science and Technology Through Analog Research Step-1	69	55	N/A	Planetary Science	N/A	14 were discouraged from this program but redirected
2014	Planetary Science and Technology Through Analog Research Step-2	45	7	16%	Planetary Science	600	Awards ranged from ~$100K to ~$1M
2014	Small, Innovative Missions for Planetary Exploration Step-1	56	50	N/A	Planetary Science	N/A	
2014	Small, Innovative Missions for Planetary Exploration Step-2	22	5	23%	Planetary Science		Two were fully selected, but three others were selected for technology development.
2014	Solar System Observations Step-1	99	86	N/A	Planetary Science	N/A	13 were discouraged from this program without redirect
2014	Solar System Observations Step-2	71	21	30%	Planetary Science	284	For SSO as a whole, the average is $284K. For the NEOO part it's $423K and for PAST (non-NEOO) it's $117
2014	Solar System Workings Step-1	509	474	N/A	Planetary Science	N/A	35 were discouraged from this program but redirected
2014	Solar System Workings Step-2	386	82	21%	Planetary Science	126	The average award size is based on the 76 in the SSW portfolio, it doesn't include those that were moved and funded out of other
2013	Astrophysics Data Analysis	276	41	15%	Astrophysics	109	278 proposals submitted but 2 proposals were returned as non-responsive. 41 selected, including a partial selection, so Success
2013	Astrophysics Research and Analysis	177	38	21%	Astrophysics		181 were submitted but only 177 were deemed compliant. 5 were partially funded
2013	Astrophysics Theory Program	198	27	14%	Astrophysics		
2013	Fermi Guest Investigator – Cycle 7	217	43	20%	Astrophysics		
2013	Origins of Solar Systems (Astro)	39	5	13%	Astrophysics	121	
2013	Strategic Astrophysics Technology	18	9	50%	Astrophysics	599	All proposers notified by18-Aug-14, 150 days after the proposal due date.
2013	Swift Guest Investigator – Cycle 10	175	35	20%	Astrophysics		
2013	Advanced Component Technology	82	11	13%	Earth Science		
2013	Advancing Collaborative Connections for Earth System Science	58	12	21%	Earth Science		
2013	Atmospheric Composition Campaign Data Analysis and Modeling	116	36	31%	Earth Science		
2013	Atmospheric Composition: Aura Science Team	68	27	40%	Earth Science		
2013	Carbon Cycle Science	235	41	17%	Earth Science	310	This was an interagency call and the 41/235 = 17% reflects the overall selections. Here is the breakout: 23 ½ selected by NASA
2013	Carbon Monitoring System	37	17	46%	Earth Science		
2013	Cryospheric Science	32	10	31%	Earth Science	100	
2013	Earth Science Applications: Health and Air Quality	67	9	13%	Earth Science		
2013	Earth Science Applications: Water Resources	75	9	12%	Earth Science		
2013	Earth Surface and Interior	37	18	49%	Earth Science		
2013	Earth Venture Suborbital -2	33	5	15%	Earth Science		
2013	IceBridge Science Team	18	10	56%	Earth Science		
2013	Land Cover / Land Use Change	31	9	29%	Earth Science		
2013	Land Cover / Land Use Change Step-1	71	33	46%	Earth Science		
2013	NASA Data for Operation and Assessment	44	13	30%	Earth Science		
2013	NASA Energy and Water Cycle Study	60	19	32%	Earth Science		
2013	New (Early Career) Investigator Program in Earth Science	131	22	17%	Earth Science	79	
2013	Ocean Biology and Biogeochemistry	11	2	18%	Earth Science		
2013	Ocean Salinity Field Campaign Analysis and Planning	2	2	100%	Earth Science		
2013	Ocean Salinity Science Team	31	14	45%	Earth Science		
2013	Ocean Vector Winds Science Team	53	20	38%	Earth Science		
2013	PACE Science Team	49	19	39%	Earth Science		
2013	Physical Oceanography	41	11	27%	Earth Science		
2013	Sea Level Rise	36	9	25%	Earth Science	520	proposers notified by 2/20/2014
2013	Suomi NPP Science Team and Processing Systems for Data Records	119	45	38%	Earth Science		
2013	Terra and Aqua – Algorithms – Existing Data Products	40	32	80%	Earth Science	162	
2013	Terrestrial Ecology	56	6	11%	Earth Science		
2013	Terrestrial Hydrology	70	15	21%	Earth Science		
2013	The GLOBE Program Implementation Office	4	1	25%	Earth Science		
2013	The Science of Terra and Aqua	208	56	27%	Earth Science		214 submitted. 2 were moved to A.46 and others withdrawn or non compliant
2013	Weather	52	16	31%	Earth Science	500	All decisions communicated by email on 10/24
2013	Heliophysics Grand Challenges	47	11	23%	Heliophysics		this is the theory program in 2013
2013	Heliophysics Guest Investigators Step-1	174	73	N/A	Heliophysics		Only 73 were encouraged to submit a Step-2 proposal but more than that did, see Heliophysics Guest Investigators Step-2
2013	Heliophysics Guest Investigators Step-2	83	22	27%	Heliophysics		
2013	Heliophysics Infrastructure and Data Environment Enhancements	34	14	41%	Heliophysics		
2013	Heliophysics Living With a Star Science	187	25	13%	Heliophysics		
2013	Heliophysics Supporting Research Step-1	306	294	N/A	Heliophysics		only 12 were deemed Non-Compliant. All others were invited to submit a Step-2.
2013	Heliophysics Supporting Research Step-2	261	35	13%	Heliophysics		
2013	Heliophysics Technology and Instrument Development for Science	92	13	14%	Heliophysics		
2013	Solar and Heliospheric Physics	N/A	N/A	N/A	Heliophysics		Wasn't competed.
2013	Astrobiology: Exobiology and Evolutionary Biology	148	27	18%	Planetary Science	158	Note: only 144 were reviewed
2013	Cassini Data Analysis	99	10	10%	Planetary Science	98	108 proposals total, 99 from US institutions. 10 DAPs were funded, three of which include participating scientist; 6 partial awards
2013	Cosmochemistry	92	24	26%	Planetary Science	155	There were 6 severe descopes in COS, one of which was a partial-year bridge award which I don't normally count as a selection.
2013	Instrument Concepts for Europa Exploration	30	15	50%	Planetary Science	1080	2 noncompliant proposals were not reviewed. ICEE was limited to one year grants. Average awarded budget was $1.080M
2013	Laboratory Analysis of Returned Samples	23	12	52%	Planetary Science	212	
2013	Mars Data Analysis	102	30	29%	Planetary Science	112	30 were selected for funding (in full or in part) out of 103 submitted but one declared non compliant
2013	Mars Fundamental Research (MFRP)	135	27	20%	Planetary Science	138	
2013	Moon and Mars Analog Mission Activities (MMAMA)	20	2	10%	Planetary Science	95	
2013	Near Earth Object Observations (NEOO)	32	11	34%	Planetary Science	252	4 remain selectable. Award sizes range from ~85 to ~600 K
2013	Origins of Solar Systems (Planetary)	90	13	14%	Planetary Science	124	On 12/05 first 5 selections have been made. In spring more selections were made bringing the total up to 13. 2 selectables
2013	Outer Planets Research	154	22	14%	Planetary Science	105	
2013	Planetary Astronomy (PAST)	49	20	41%	Planetary Science	94	Initial 15 selections plus 1 partial from fall 2013 increased to 20 fully-funded plus 1 partial in Spring 2014
2013	Planetary Atmospheres (PATM)	113	23	20%	Planetary Science	125	Initial 14 selections from fall 2013 increased to 23 fully-funded out of 113 (20%) plus 1 partial in Spring 2014
2013	Planetary Geology and Geophysics (PGG)	131	32	24%	Planetary Science	114	135 were submitted, 4 were withdrawn and one non-compliant returned without review.
2013	Planetary Instrument Concepts for the Advancement of Solar System Observations	113	12	11%	Planetary Science	280	We received 117 proposals, 4 were found non-compliant so only 113 were peer reviewed
2013	Planetary Mission Data Analysis	40	13	33%	Planetary Science	135	PMDAP received 42 proposals in 2013, but one was withdrawn by the proposer and one non-compliant proposal was returned
2012	Astrophysics Data Analysis	291	90	31%	Astrophysics	97	
2012	Astrophysics Research and Analysis	178	33	19%	Astrophysics	383	9/11 APRA PIs informed of decisions, 173 days after the due date and 12 weeks after the end of the review. 23 of 178 compliant
2012	Astrophysics Theory Program	181	28	15%	Astrophysics	137	
2012	Euclid Science Team	8	3	38%	Astrophysics		
2012	Fermi Guest Investigator – Cycle 6	223	50	22%	Astrophysics	76	PIs were notified 118 days after the due date.
2012	Kepler Guest Observer – Cycle 5	63	0	0%	Astrophysics		Originally it was 25 Proposals selected (22 were to be funded; 3 foreign PIs not funded) but then the failure of a second of
2012	Kepler Participating Scientist Program	34	10	29%	Astrophysics		
2012	Nancy Grace Roman Technology Fellowships	12	2	17%	Astrophysics	200	PIs notified 118 days after the due date and 7 1/2 weeks after the last review day
2012	Origins of Solar Systems (Astro)	46	12	26%	Astrophysics	152	
2012	SOFIA GO Cycle 2	112	35	31%	Astrophysics		
2012	Spitzer GO Cycle 12	137	38	28%	Astrophysics		
2012	Strategic Astrophysics Technology	38	9	24%	Astrophysics	580	9 proposals totaling $5.2M in Year 1 awards were selected. In addition, there were 4 SAT TDEM proposals that were highly-
2012	Swift Guest Investigator – Cycle 9	158	45	28%	Astrophysics	30	Of the 45 recommended for selection 7 do not receive any funding. Received 38 proposals with Budgets but one was a Large
2012	Theoretical and Computational Astrophysics Networks	53	10	19%	Astrophysics	150	This program is joint with NSF. NASA selected 10 proposals (3 investigations) and NSF plans to select the same number (their
2012	Airborne Instrument Technology Transition	33	6	18%	Earth Science		
2012	Atmospheric Composition: Modeling and Analysis	85	18	21%	Earth Science		
2012	Atmospheric Composition: Upper Atmospheric Composition Observations	34	25	74%	Earth Science		
2012	CloudSat and CALIPSO Science Team Recompete	94	26	28%	Earth Science		
2012	Cryospheric Science	51	10	20%	Earth Science	120	
2012	Development and Testing of Potential Indicators For The National Climate Assessment	63	14	22%	Earth Science		
2012	Earth Science U.S. Participating Investigator	14	8	57%	Earth Science		
2012	Ecological Forecasting for Conservation and Natural Resource Management	66	11	17%	Earth Science		
2012	IceBridge	10	7	70%	Earth Science		
2012	In-Space Validation of Earth Science Technologies	23	4	17%	Earth Science		
2012	Interdisciplinary Research in Earth Science	145	19	13%	Earth Science		11/13, selections made for one Subelement but the others are still to come, thus the selection rate will rise.
2012	Land Cover/Land Use Change Step-1	24	16	67%	Earth Science		
2012	Land Cover/Land Use Change Step-2	16	10	63%	Earth Science		24 proposals submitted to Step-1 of which 16 were invited to submit a Step-2 proposal. 10 of 16 selected from Step-2 proposals.
2012	Making Earth System data records for Use in Research Environments	81	27	33%	Earth Science		
2012	Modeling, Analysis, and Prediction	161	36	22%	Earth Science		
2012	Ocean Biology and Biogeochemistry	72	17	24%	Earth Science		
2012	Physical Oceanography	43	13	30%	Earth Science		
2012	Precipitation Measurement Missions (PMM) Science Team	129	57	44%	Earth Science	132	
2012	Studies with ICESat and CryoSat-2	41	12	29%	Earth Science		
2012	Surface Water and Ocean Topography Mission SDT	45	20	44%	Earth Science		
2012	Terrestrial Ecology	89	12	13%	Earth Science	170	Step-1: 89 proposals received, 29 encouraged for Step-2. Step-2: 30 proposals received, 12 recommended for selection.
2012	Geospace Heliophysics Guest Investigators program	58	10	17%	Heliophysics		Step-2 only. The Guest Investigators program (GIP) was not offered as a stand-alone element of the ROSES 2012 NRA, but it
2012	Geospace Instrument Development and Enabling Science	10	2	20%	Heliophysics		Step-2 only. The IDES was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an element of B.3
2012	Geospace Low Cost Access to Space	55	12	22%	Heliophysics		Step-2 only. The LCAS was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an element of B.3
2012	Geospace Supporting Research Program	134	16	12%	Heliophysics		Step-2 only. The SR was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an element of B.3 Geospace
2012	Heliophysics Data Environment Enhancements	29	10	34%	Heliophysics		Step-2 only
2012	Solar and Heliospheric Physics	232	43	19%	Heliophysics		Step-2 only
2012	Cassini Data Analysis	112	23	21%	Planetary Science	95	Of these 9 were selected as participating scientists as well. Two more partial awards were made. The average award size
2012	Cosmochemistry	85	29	34%	Planetary Science	150	
2012	In-Space Propulsion	25	3	12%	Planetary Science	100	
2012	Laboratory Analysis of Returned Samples	24	8	33%	Planetary Science	230	1 also received bridge funding, not included in the 8 given in column E.
2012	LADEE Guest Investigator Program	18	5	28%	Planetary Science	98	
2012	Lunar Advanced Science and Exploration Research	102	13	13%	Planetary Science	100	
2012	Mars Data Analysis	93	29	31%	Planetary Science	101	
2012	Mars Fundamental Research (MFRP)	123	30	24%	Planetary Science	114	
2012	Maturation of Instruments for Solar System Exploration (MatISSE)	35	6	17%	Planetary Science	871	
2012	Maven Participating Scientist Program	35	7	20%	Planetary Science	107	Stats given are for US investigations only. Non-US Institutions: 2/9 (22%) selection rate
2012	Moon and Mars Analog Mission Activities (MMAMA)	27	3	11%	Planetary Science	86	Note that the avg award size has nearly doubled from previous years, due in large part to HEO's lack of field campaigns that
2012	Near Earth Object Observations (NEOO)	26	12	46%	Planetary Science	546	
2012	Origins of Solar Systems (Planetary)	101	13	13%	Planetary Science	121	In addition there was a single one year "bridge" award. Updated 8/13 need to update average first year award
2012	Outer Planets Research	143	32	22%	Planetary Science	105	
2012	Planetary Astronomy (PAST)	42	7	17%	Planetary Science	85	Award sizes ranged from $37K to $160K. Hope to make more selections later in the year
2012	Planetary Atmospheres (PATM)	90	12	13%	Planetary Science	112	12 full plus two partial selections as well. Award size is $108K when partials averaged in with full awards. Awards ranged from
2012	Planetary Geology and Geophysics (PGG)	140	19	14%	Planetary Science	101	Average award size does not include Carto, NESSF, ECF, etc. Plus 6 seed or bridge awards
2012	Planetary Mission Data Analysis	41	13	32%	Planetary Science	91	
2012	Planetary Protection Research	21	1	5%	Planetary Science	150	NOTE: Was covered by the MATisse Program
2011	Astrophysics Data Analysis	278	63	23%	Astrophysics	101	
2011	Astrophysics Research and Analysis	163	31	19%	Astrophysics		
2011	Astrophysics Theory Program	199	33	17%	Astrophysics	134	
2011	Fermi Guest Investigator – Cycle 5	224	67	30%	Astrophysics	80	85 normal and 2 large awards made. Average for the 65 one and two year proposals was ~ 80 K (75 K for one year, about 84 K
2011	Kepler Guest Observer – Cycle 4	61	21	34%	Astrophysics	59	Plus 4 from foreign PIs/Institutions.17 proposals were funded.Proposals due: 20 January 2012, Proposers notified of selection
2011	Nancy Grace Roman Technology Fellowships	16	3	19%	Astrophysics	195	
2011	Origins of Solar Systems (Astro)	36	3	8%	Astrophysics	223	Average award size skewed by one large award. Subsequently two one year awards were selected. If those two are
2011	Strategic Astrophysics Technology	48	10	21%	Astrophysics		50 submitted but 2 were non compliant. Including additional late selections
2011	Swift Guest Investigator – Cycle 8	152	32	21%	Astrophysics		only 28 Accepted for funding
2011	Opportunities in Education and Public Outreach for Earth and Space Science EPOESS	75	19	25%	Cross division	185	134 days after the May 20 proposal due date
2011	Opportunities in Education and Public Outreach for Earth and Space Science EPOESS	74	18	24%	Cross division		
2011	Supplemental Education Awards for ROSES Investigators I	23	5	22%	Cross division	32	I indicates the Sept 2010 due date
2011	Supplemental Outreach Awards for ROSES Investigators I	10	2	20%	Cross division	10	I indicates the Sept 2010 due date
2011	ACCESS Advancing Collaborative Connections for Earth System Science	37	12	32%	Earth Science		
2011	Advanced Information Systems Technology	88	18	20%	Earth Science		
2011	Atmospheric Composition: Laboratory Research	50	16	32%	Earth Science		
2011	Carbon Monitoring System	62	18	29%	Earth Science		
2011	Computational Modeling Algorithms and Cyberinfrastructure	54	8	15%	Earth Science		
2011	Earth Science Applications: Disasters	65	17	26%	Earth Science		
2011	Earth Science Applications: Water Resources	65	12	18%	Earth Science		
2011	Earth Science Applications: Wildland Fires	46	17	37%	Earth Science		
2011	GNSS Remote Sensing Science Team	21	9	43%	Earth Science		
2011	Hurricane Science Research Program	50	11	22%	Earth Science		
2011	HyspIRI Preparatory Airborne Activities and Associated Science	49	14	29%	Earth Science		
2011	IceBridge	33	9	27%	Earth Science		
2011	IceSAT 2 Science Definition Team	35	16	46%	Earth Science		
2011	Impacts of Climate Variability and Change on NASA Centers and Facilities	11	6	55%	Earth Science		
2011	Interdisciplinary Research in Earth Science	51	9	18%	Earth Science		
2011	Land Cover/Land Use Change Step-1	90	26	29%	Earth Science		
2011	Land Cover/Land Use Change Step-2	26	10	38%	Earth Science		the overall selection rate was 10/90 = 11%
2011	New (Early Career) Investigator Program in Earth Science	73	15	21%	Earth Science	88	

2011	Physical Oceanography	40	9	23%	Earth Science		
2011	Satellite Calibration Interconsistency Studies	41	11	27%	Earth Science		
2011	Science Definition Team for the DESDynI-Radar Mission	38	15	39%	Earth Science		
2011	Science Team for the OCO-2 Mission	30	24	80%	Earth Science		
2011	SERVIR Applied Sciences Team	58	11	19%	Earth Science		
2011	Space Archaeology	17	6	35%	Earth Science		
2011	Terrestrial Ecology	107	16	15%	Earth Science	230	Final selection made in late May 2012
2011	Geospace Science	145	29	20%	Heliophysics	144	The average award amount is somewhat more complicated than implied: the average for the three categories within Geospace
2011	Heliophysics Data Environment Enhancements	23	9	39%	Heliophysics	78	
2011	Heliophysics Guest Investigators Program (Geospace)	80	10	13%	Heliophysics	122	
2011	Heliophysics Guest Investigators Program (S&H only)	91	12	13%	Heliophysics	105	
2011	Living With a Star Targeted Research and Technology	122	31	25%	Heliophysics	161	
2011	Astrobiology Science and Technology for Exploring Planets (ASTEP)	23	2	9%	Planetary Science	1679	One of the two awards was not full funding.
2011	Astrobiology Science and Technology Instrument Development (ASTID)	37	7	19%	Planetary Science	292	
2011	Astrobiology: Exobiology and Evolutionary Biology	161	28	17%	Planetary Science	187	including 2 partial selections, 4 pilot studies.
2011	Cassini Data Analysis	92	18	20%	Planetary Science	89	92 proposals from US institutions. 8 of the 18 selected included Participating Scientist (PS) awards as well. All 18 are US
2011	Cosmochemistry	80	27	34%	Planetary Science	154	PME proposal not included. 27 full selects, 2 partial bridge funding awards not included in selected column
2011	GRAIL Guest Scientist Program	24	9	38%	Planetary Science	65	
2011	Laboratory Analysis of Returned Samples	17	5	29%	Planetary Science	119	
2011	Lunar Advanced Science and Exploration Research	123	26	21%	Planetary Science	117	
2011	Mars Data Analysis	98	21	21%	Planetary Science	105	
2011	Mars Fundamental Research (MFRP)	128	20	16%	Planetary Science	93	
2011	Moon and Mars Analog Mission Activities (MMAMA)	32	5	16%	Planetary Science	42	
2011	Near Earth Object Observations (NEOO)	33	14	42%	Planetary Science	407	
2011	Origins of Solar Systems (Planetary)	103	20	19%	Planetary Science	100	
2011	Outer Planets Research	131	27	21%	Planetary Science	105	
2011	Planetary Astronomy (PAST)	60	14	23%	Planetary Science	99	Also one partial (1 Yr) selection not included. This is actually out of 61 proposals because I took on one PCG submission
2011	Planetary Atmospheres (PATM)	106	23	22%	Planetary Science	114	
2011	Planetary Geology and Geophysics (PGG)	128	31	24%	Planetary Science	98	Average award size does not include Carto, NESSF, ECF, etc. Also 6 seed or bridge awards
2011	Planetary Instrument Definition and Development	91	11	12%	Planetary Science	273	
2011	Planetary Mission Data Analysis	45	12	27%	Planetary Science	107	
2011	Planetary Protection Research	19	3	16%	Planetary Science	150	In addition to the 3 full selections (one for three years in duration, two for four years in duration) two more were selected for one
2010	Astrophysics Data Analysis	186	66	35%	Astrophysics	86	
2010	Astrophysics Research and Analysis	166	39	23%	Astrophysics	275	This refers to proposals, not investigations -- suborbital projects may be split
2010	Astrophysics Theory Program	193	33	17%	Astrophysics	139	
2010	Fermi Guest Investigator – Cycle 4	208	87	42%	Astrophysics		
2010	Kepler Guest Observer – Cycle 3	40	22	55%	Astrophysics		
2010	Kepler Participating Scientists 2	30	12	40%	Astrophysics		Success rate by dollars awarded/requested = $1.0M/$2.75M = 36%
2010	Members of the Euclid Science Team	2	0	0%	Astrophysics		
2010	Origins of Solar Systems (Astro)	36	6	17%	Astrophysics	109	
2010	Strategic Astrophysics Technology	59	17	29%	Astrophysics		
2010	Suzaku Guest Observer - Cycle 6	91	40	44%	Astrophysics		Notified on 28 February 2011 101 days after due date (by posting the target list on the Suzaku web page)
2010	Swift Guest Investigator – Cycle 7	168	39	23%	Astrophysics	20	61 proposals were selected (for time) out of a total of 182 submitted, which represents ~34% success rate, but those 182
2010	Opportunities in Education and Public Outreach for Earth and Space Science EPOESS	92	22	24%	Cross division		
2010	Supplemental Education Awards for ROSES Investigators I	17	6	35%	Cross division		I indicates the Sept 2010 due date
2010	Supplemental Education Awards for ROSES Investigators II	16	5	31%	Cross division		II indicates the March 2011 due date
2010	Supplemental Outreach Awards for ROSES Investigators I	12	6	50%	Cross division		I indicates the Sept 2010 due date
2010	Supplemental Outreach Awards for ROSES Investigators II	12	6	50%	Cross division		II indicates the March 2011 due date
2010	Accelerating Operational Use of Research Data	28	12	43%	Earth Science		
2010	Advanced Component Technology (ACT)	99	15	15%	Earth Science		One was non compliant so it was 15/98 viable proposals
2010	Atmospheric Composition: Aura Science Team	44	27	61%	Earth Science		
2010	Atmospheric Composition: Modeling and Analysis	59	18	31%	Earth Science		
2010	Carbon Cycle Science	139	34	24%	Earth Science		
2010	Carbon Monitoring System	24	16	67%	Earth Science		
2010	CLARREO Science Team	21	11	52%	Earth Science		
2010	Climate and Biological Response: Research and Applications	152	15	10%	Earth Science		
2010	Cryospheric Science	47	16	34%	Earth Science		
2010	Earth Science Applications Feasibility Studies: Public Health	24	9	38%	Earth Science		
2010	Earth Science U.S. Participating Investigator	16	6	38%	Earth Science		
2010	Earth Surface and Interior	39	20	51%	Earth Science		
2010	Earth System Data Records Uncertainty Analysis	41	21	51%	Earth Science		
2010	Geodesy	20	15	75%	Earth Science		
2010	Geodetic Imaging	31	15	48%	Earth Science		
2010	HyspIRI Preparatory Activities Using Existing Imagery	19	5	26%	Earth Science		
2010	Instrument Incubator	83	16	19%	Earth Science		
2010	Land Cover/Land Use Change	49	7	14%	Earth Science		The selection rate is for all proposers. There were only 25 step-2 proposals so the selection rate for step-2 proposers was 7/25 =
2010	Modeling, Analysis, and Prediction	15	6	40%	Earth Science		
2010	NASA Energy and Water Cycle Study	96	18	19%	Earth Science		
2010	NPP Science Team for Climate Data Records	71	34	48%	Earth Science		
2010	Ocean Salinity Field Campaign	18	7	39%	Earth Science		
2010	Ocean Salinity Science Team	32	11	34%	Earth Science		
2010	Southeast Asia Composition, Cloud, Climate Coupling Regional Study (SEAC4RS)	117	66	56%	Earth Science		
2010	Geospace Science	119	25	21%	Heliophysics	132	Avg new award in program year 1: LCAS = 220 K; IDP = N/A and Reg = 124 K
2010	Heliophysics Data Environment Enhancements	18	10	56%	Heliophysics	68	
2010	Heliophysics Theory	32	10	31%	Heliophysics	369	
2010	Living With a Star Targeted Research and Technology	141	31	22%	Heliophysics		
2010	Solar and Heliospheric Physics	175	30	17%	Heliophysics	155	Avg new award in program year 1: LCAS = 326 K; IDP = 171 and Reg = 125 K
2010	Astrobiology Science and Technology for Exploring Planets (ASTEP)	37	5	14%	Planetary Science	959	
2010	Astrobiology Science and Technology Instrument Development (ASTID)	42	8	19%	Planetary Science	279	
2010	Astrobiology: Exobiology and Evolutionary Biology	159	31	19%	Planetary Science	160	137 proposals received. 1 declared non-compliant and returned. 136 reviewed; 32 fully selected, 6 partially selected, & 2 pilot
2010	Cassini Data Analysis	79	16	20%	Planetary Science	83	Triage letters sent after 140 days. Final Letters sent after 290 days. Seleclables remain pending budget.
2010	Cosmochemistry	60	24	40%	Planetary Science	156	PME proposal not included. 24 full selects, 6 partial bridge funding awards not included in selected column
2010	In-Space Propulsion	12	3	25%	Planetary Science	250	Each for a $250K, 6 month Phase-I study effort "with the possibility to continue via down-select to Phase II and Phase III" as
2010	Laboratory Analysis of Returned Samples	20	9	45%	Planetary Science	337	
2010	Lunar Advanced Science and Exploration Research	121	23	19%	Planetary Science	132	
2010	Mars Data Analysis	95	24	25%	Planetary Science	95	
2010	Mars Fundamental Research (MFRP)	128	25	20%	Planetary Science	112	
2010	Moon and Mars Analog Mission Activities (MMAMA)	16	6	38%	Planetary Science	58	Plus two partial selections
2010	MSL Participating Scientists Program	148	29	20%	Planetary Science		
2010	Near Earth Object Observations (NEOO)	15	0	0%	Planetary Science	N/A	We were hoping to be able to fund with the anticipated plus-up to the NEOO program but we were under a CR that fiscal year
2010	Origins of Solar Systems (Planetary)	93	17	18%	Planetary Science	80	One full PME not included here. Triage letters sent after 140 days, final letters sent after 290 days. Selectables remain pending
2010	Outer Planets Research	123	29	24%	Planetary Science	102	
2010	Planetary Astronomy (PAST)	45	10	22%	Planetary Science	89	only 9 full one was a partial (one year) award
2010	Planetary Atmospheres (PATM)	93	25	27%	Planetary Science	107	
2010	Planetary Geology and Geophysics (PGG)	106	30	28%	Planetary Science	98	Max thinks that there were 9 additional partial selections this year
2010	Planetary Instrument Definition and Development	96	11	11%	Planetary Science	269	
2010	Planetary Mission Data Analysis	18	6	33%	Planetary Science	80	
2010	Planetary Protection Research	4	1	25%	Planetary Science	160	
2009	Astrophysics Data Analysis	165	73	44%	Astrophysics		
2009	Astrophysics Research and Analysis	143	45	31%	Astrophysics	250	This refers to proposals, not investigations -- suborbital projects may be split
2009	Astrophysics Theory Program	200	37	19%	Astrophysics	120	36 selected 10/21/2009. Addnl selection 2/23/2010
2009	Fermi Guest Investigator – Cycle 3	182	77	42%	Astrophysics		
2009	GALEX Guest investigator – Cycle 6	81	33	41%	Astrophysics		
2009	Kepler Guest Observer – Cycle 2	54	27	50%	Astrophysics		
2009	MOST U.S. Guest Observer – Cycle 2	12	4	33%	Astrophysics		
2009	Origins of Solar Systems (Astro)	30	9	30%	Astrophysics	93	
2009	SPICA Science Investigation Concept Studies	3	3	100%	Astrophysics		
2009	Suzaku Guest Observer – Cycle 5	88	48	55%	Astrophysics		
2009	Swift Guest Investigator – Cycle 6	169	56	33%	Astrophysics		
2009	Technology Development for Exoplanet Missions	34	7	21%	Astrophysics		
2009	Opportunities in Education and Public Outreach for Earth and Space Science EPOESS	103	27	26%	Cross division		
2009	Supplemental Education Awards for ROSES Investigators I	10	7	70%	Cross division	21	
2009	Supplemental Education Awards for ROSES Investigators II	10	7	70%	Cross division		
2009	Supplemental Outreach Awards for ROSES Investigators I	9	6	67%	Cross division	17	
2009	Supplemental Outreach Awards for ROSES Investigators II	9	6	67%	Cross division		
2009	ACCESS Advancing Collaborative Connections for Earth System Science	35	11	31%	Earth Science		
2009	Air Quality Applied Sciences Team	48	19	40%	Earth Science		
2009	Airborne Instrument Technology Transition	31	7	23%	Earth Science		
2009	Atmospheric CO2 Observations from Space	15	7	47%	Earth Science		
2009	Atmospheric Composition: Mid-Latitude Airborne Cirrus Propert/Earth Science Experiment	26	14	54%	Earth Science		
2009	Atmospheric Composition: Modeling and Analysis	77	18	23%	Earth Science		
2009	CloudSat and CALIPSO Science Team Recompete	83	33	40%	Earth Science		
2009	Earth Science for Decision Making: Gulf of Mexico Region	54	13	24%	Earth Science		
2009	ESSP Venture-class Science Investigations: Earth Venture-1	35	5	14%	Earth Science		
2009	Glory Science Team	30	14	47%	Earth Science		
2009	Hurricane Field Experiment	26	11	42%	Earth Science		
2009	HyspIRI Preparatory Activities Using Existing Imagery	28	6	21%	Earth Science		
2009	IceBridge	44	22	50%	Earth Science		
2009	IceBridge: Support for 2010 Activities	6	5	83%	Earth Science		
2009	Interdisciplinary Research in Earth Science	112	25	22%	Earth Science		
2009	Land Cover/Land Use Change	62	9	15%	Earth Science		
2009	New (Early Career) Investigator Program in Earth Science	71	18	25%	Earth Science		
2009	Ocean Biology and Biogeochemistry	34	8	24%	Earth Science		
2009	Ocean Vector Winds Science Team	38	20	53%	Earth Science		
2009	Physical Oceanography	32	12	38%	Earth Science		
2009	Precipitation Science	126	58	46%	Earth Science		
2009	Remote Sensing Theory	112	20	18%	Earth Science		
2009	Space Archaeology	12	6	50%	Earth Science		
2009	StudEarth Science with ICEarth Scienceat and CryoSat-2	37	15	41%	Earth Science		
2009	TerrEarth Sciencetrial Ecology	64	12	19%	Earth Science		
2009	The Science of Terra and Aqua	325	87	27%	Earth Science		
2009	Causes and Consequences of Solar Cycle 24 CCMSC	56	15	27%	Heliophysics	109	
2009	Causes and Consequences of the Minimum of Solar Cycle 24	58	15	26%	Heliophysics		
2009	Geospace Science	70	16	23%	Heliophysics	150	Avg new award in program year 1: LCAS = 359 K; IDP = 147 K and Reg = 121 K
2009	Heliophysics Data Environment Enhancements	18	11	61%	Heliophysics	67	
2009	Heliophysics Guest Investigators Program (Geospace)	74	14	19%	Heliophysics	114	
2009	Heliophysics Guest Investigators Program (S&H only)	66	15	23%	Heliophysics	103	
2009	Living With a Star Targeted Research and Technology	137	31	23%	Heliophysics		
2009	Solar and Heliospheric Physics	120	20	17%	Heliophysics	129	Avg new award in program year 1: LCAS = 330 K; IDP = 220 K and Reg = 113 K
2009	Astrobiology: Exobiology and Evolutionary Biology	136	40	29%	Planetary Science	155	137 proposals received. 1 declared non-compliant and returned. 136 reviewed; 32 fully selected, 6 partially selected, & 2 pilot
2009	Cassini Data Analysis	80	23	29%	Planetary Science	89	
2009	Cosmochemistry	62	29	47%	Planetary Science	148	
2009	Dawn at Vesta Participating Scientists	60	18	30%	Planetary Science	62	
2009	Laboratory Analysis of Returned Samples	21	12	57%	Planetary Science	215	
2009	Lunar Advanced Science and Exploration Research	96	31	32%	Planetary Science	104	
2009	Mars Data Analysis	105	39	37%	Planetary Science	102	
2009	Mars Fundamental Research (MFRP)	131	26	20%	Planetary Science	96	
2009	Moon and Mars Analog Mission Activities (MMAMA)	NA	NA	NA	Planetary Science	NA	Not Solicited in ROSES 2009
2009	Near Earth Object Observations (NEOO)	21	11	52%	Planetary Science	312	
2009	Origins of Solar Systems (Planetary)	101	29	29%	Planetary Science	97	
2009	Outer Planets Research	128	25	20%	Planetary Science	86	
2009	Planetary Astronomy (PAST)	35	10	29%	Planetary Science	105	
2009	Planetary Atmospheres (PATM)	96	25	26%	Planetary Science	97	
2009	Planetary Geology and Geophysics (PGG)	114	36	32%	Planetary Science	78	
2009	Planetary Instrument Definition and Development	110	15	14%	Planetary Science	258	
2009	Planetary Mission Data Analysis	41	15	37%	Planetary Science	89	
2009	Planetary Protection Research	10	6	60%	Planetary Science	137	
2008	Astrophysics Data Analysis	95	34	36%	Astrophysics		Letters sent 10/20
2008	Astrophysics Research and Analysis	137	37	27%	Astrophysics	267	Total proposed = 134 if you include Co-I proposals. 125 independent investigations proposed. 28 fully-funded and 5
2008	Astrophysics Theory Program	177	39	22%	Astrophysics	111	emails selecting 30 on 10/27/08 and nine additional selections were made in Feb. 2009
2008	Fermi Guest Investigator - Cycle 2	198	81	41%	Astrophysics		There is one foreign proposal
2008	GALEX Guest Investigator - Cycle 5	70	37	53%	Astrophysics		3400ksec proposed, 1300 ksec selected

2008	Kepler Guest Observer - Cycle 1	19	11	58%	Astrophysics		Two were to foreign PIs
2008	MOST U.S. Guest Observer- Cycle 1	12	4	33%	Astrophysics		
2008	Suzaku Guest Observer - Cycle 4	99	34	34%	Astrophysics		
2008	Swift Guest Investigator - Cycle 5	154	57	37%	Astrophysics	38	1 grant at 135 K, a bunch of grants at 38 and a few at 25 K and some smaller ones and 13 unfunded foreign PIs
2008	Applied Information Systems Research	110	12	11%	Cross division	151	email sent March 27, 2009. Official letters went out 4/10/2009
2008	Opportunities in Science Mission Directorate Education and Public Outreach	74	18	24%	Cross division	132	Average total for the entire duration of the award was 426,000
2008	Origins of Solar Systems	94	31	33%	Cross division		This is the total for the entire cross division program both Astro and PSD
2008	Supplemental Education I (Dec 08 due date)	16	6	38%	Cross division		
2008	Supplemental Education II (April 09 due date)	15	5	33%	Cross division		
2008	Supplemental Outreach I (Dec 08 due date)	12	7	58%	Cross division		
2008	Supplemental Outreach II (April 09 due date)	19	10	53%	Cross division		
2008	Advanced Component Technology (ACT)	85	16	19%	Earth Science		budgets under negotiation, ~ 1M each over three years
2008	Advanced Information Systems Technology (AIST)	100	20	20%	Earth Science		A total dollar value over a three-year period of approximately $25 million
2008	Atmospheric Composition, field: Surface, Balloon, and Airborne Observations	56	37	66%	Earth Science		
2008	Atmospheric Composition: Laboratory Research	51	19	37%	Earth Science		
2008	Biodiversity	54	9	17%	Earth Science		
2008	Carbon Cycle Science	offerred this year			Earth Science		
2008	Cryospheric Science	offerred this year			Earth Science		
2008	Decision Support through Earth Science Research Results	142	36	25%	Earth Science		Initial selections announced: 4/24/2009, then addnl selections 5/12/2009)
2008	Earth Science Applications Feasibility Studies	80	31	39%	Earth Science		Initial selections announced: 4/24/2009, then addnl selections 5/12/2009)
2008	Earth Science for Decision Making: Gulf of Mexico Region	69	35	51%	Earth Science		26 selected in may, +9 more 8/20/09
2008	Earth Science U.S. Participating Investigator	16	6	38%	Earth Science		
2008	Geospace Science	118	30	25%	Earth Science		
2008	Hurricane Science Research	51	17	33%	Earth Science		3 additional selections made 1/23/09
2008	ICESat-II Science Definition Team	38	14	37%	Earth Science		14 of 38 SDT selected; 1 Team Leader selected on 9/18/08
2008	Land Cover/Land Use Change	66	18	27%	Earth Science		Received 66 step1 proposals, out of which 48 proposals were invited to submit full proposals. Selected 18 proposals.
2008	Modeling, Analysis, and Prediction	158	52	33%	Earth Science		
2008	NASA Energy and Water Cycle Study - Water Quality	16	4	25%	Earth Science		
2008	Ocean Biology and Biogeochemistry	50	10	20%	Earth Science		intial selections 10/17/08 two more made 3/13
2008	Ocean Salinity Science Team	41	15	37%	Earth Science		
2008	Physical Oceanography	26	12	46%	Earth Science		
2008	SMAP Science Definition Team	44	14	32%	Earth Science		
2008	Terrestrial Ecology	77	20	26%	Earth Science		Results for subelements 1&2 (Decadal Survey Mission Preparation and Scoping Studies) only 9 selected 1/16/2009. Results for
2008	Geospace Science	96	26	27%	Heliophysics	146	Avg new award in program year 1: LCAS = 483 K; IDP = 102 K and Reg = 119 K
2008	Guest Investigator Studies with C/NOFS	22	5	23%	Heliophysics		
2008	Heliophysics Guest Investigators Program (Geospace)	62	15	24%	Heliophysics	115	
2008	Heliophysics Guest Investigators Program (S&H only)	70	26	37%	Heliophysics	104	
2008	Living With a Star Targeted Research and Technology	105	34	32%	Heliophysics		
2008	Living With a Star Targeted Research and Technology: Strategic Capability	4	2	50%	Heliophysics		
2008	Solar and Heliospheric Physics	131	35	27%	Heliophysics	146	Avg new award in program year 1: LCAS = 621 K; IDP = 133 K and Reg = 115 K
2008	Solar Dynamics Observatory Science Center	8	2	25%	Heliophysics	700	5 years each at 700 K/year
2008	Astrobiology Science and Technology Instrument Development (ASTID)	72	8	11%	Planetary Science	250	
2008	Astrobiology: Exobiology and Evolutionary Biology	113	28	25%	Planetary Science	136	
2008	Cassini Data Analysis	61	22	36%	Planetary Science	96	2 additional selections made in June 2009
2008	Concept Studies for Human Tended Suborbital Science	17	1	6%	Planetary Science	49	
2008	Cosmochemistry	68	31	46%	Planetary Science	153	
2008	Jupiter Data Analysis	40	14	35%	Planetary Science	101	
2008	Lunar Advanced Science and Exploration Research	27	11	41%	Planetary Science	92	
2008	Lunar and Planetary Science U.S. Participating Investigator (SALMON H1)	17	5	29%	Planetary Science	128	5 selected doesn't inclue one in the selectable category. Grant sizes range from 50-259 K
2008	Mars Data Analysis	88	32	36%	Planetary Science	86	Additional selection 8/12/09
2008	Mars Fundamental Research (MFRP)	94	21	22%	Planetary Science	109	
2008	Moon and Mars Analog Mission Activities (MMAMA)	38	11	29%	Planetary Science	51	Plus two partial selections
2008	Near Earth Object Observations (NEOO)	15	5	33%	Planetary Science	325	
2008	Origins of Solar Systems (Planetary)	73	19	26%	Planetary Science	101	PSD only
2008	Outer Planets Research	110	24	22%	Planetary Science	112	Additional selections were made in Sept 09 and again in Nov. Some selectables may remain. 110 proposals were received but
2008	Planetary Astronomy (PAST)	46	18	39%	Planetary Science	125	
2008	Planetary Atmospheres (PATM)	81	32	40%	Planetary Science	125	2 additional selections made in early Feb 2009
2008	Planetary Geology and Geophysics (PGG)	114	30	26%	Planetary Science	81	2 additional selections made in June 2009
2008	Planetary Instrument Definition and Development	95	16	17%	Planetary Science	244	
2008	Planetary Mission Data Analysis	28	11	39%	Planetary Science	116	New awards in 2009 range from less than 50 to over 200 K
2008	Planetary Protection Research	5	2	40%	Planetary Science	120	
2008	Sample Return Laboratory Instruments and Data Analysis	28	15	54%	Planetary Science	245	
2007	Astrophysics Data Analysis	100	49	49%	Astrophysics		
2007	Astrophysics Research and Analysis	151	41	27%	Astrophysics		
2007	Astrophysics Strategic Mission Concept Studies	43	19	44%	Astrophysics	680	Approximate. $12 million total in FY 08 and 09, grants from $250,000 to $1 million
2007	Astrophysics Theory Program	184	37	20%	Astrophysics	112	
2007	FUSE Guest Investigator -- Cycle 9	Cancelled	Cancelled	Cancelled	Astrophysics		Cancelled
2007	FUSE Legacy Science Program	Cancelled	Cancelled	Cancelled	Astrophysics		Cancelled
2007	GALEX Guest Investigator -- Cycle 4	100	35	35%	Astrophysics		
2007	GLAST Cycle I	167	44	26%	Astrophysics		
2007	Kepler Participating Scientists	37	8	22%	Astrophysics		
2007	Suzaku Guest Observer -- Cycle 3	120	79	66%	Astrophysics		
2007	Swift Guest Investigator -- Cycle 4	144	49	34%	Astrophysics		
2007	Applied Information Systems Research	Deferred	Deferred	Deferred	Cross division		Deferred
2007	Origins of Solar Systems	104	27	26%	Cross division	87	
2007	Accelerating Operational Use of Research Data	16	6	38%	Earth Science		budgets being negotiated
2007	ACCESS Advancing Collaborative Connections for Earth System Science	31	10	32%	Earth Science	320	two year awards
2007	Airborne Instrument Technology Transition	35	5	14%	Earth Science		
2007	Atmospheric Composition: Aura Science Team	76	39	51%	Earth Science		
2007	Atmospheric Composition: Science Advisory Group for the Glory Science Mission	12	12	100%	Earth Science	42	Selected 7/13/07
2007	Carbon Cycle Science	113	35	31%	Earth Science	245	The average 3-year grant size is $734K (year by year averages: Yr1-$245K, Yr2-$252K, Yr3-$236K). The range in grant size
2007	Cryospheric Science	54	20	37%	Earth Science		Budgets under negotiation. It is currently estimated that total funding for the selected investigations will total $9 million dollars to
2007	Decision Support through Earth Science Research Results	120	33	28%	Earth Science		
2007	Earth Surface and Interior	58	21	36%	Earth Science		
2007	EarthScope: The InSAR and Geodetic Imaging Component	20	12	60%	Earth Science		6 Million total over the life of the awards
2007	Instrument Incubator Program	78	21	27%	Earth Science	1049	
2007	Land-Cover/Land-Use Change	77	17	22%	Earth Science		
2007	NASA Energy and Water Cycle Study	48	10	21%	Earth Science		
2007	New (Early Career) Investigator Program in Earth Science	78	18	23%	Earth Science		
2007	Ocean Biology and Biogeochemistry	8	1	13%	Earth Science		
2007	Ocean Surface Topography Science Team	60	27	45%	Earth Science		
2007	Physical Oceanography	37	11	30%	Earth Science		
2007	Space Archaeology	17	7	41%	Earth Science		265 total over the duration of the grant
2007	Terrestrial Ecology	59	10	17%	Earth Science		
2007	Terrestrial Hydrology	49	9	18%	Earth Science		
2007	Tropospheric Chemistry: Arctic Research of the Composition of the Troposphere from Aircra	73	41	56%	Earth Science	150	
2007	Wind Lidar Science	13	5	38%	Earth Science		
2007	Geospace Science	85	32	38%	Heliophysics	158	Avg new award in program year 1 for Geospace SR&t is 158 but it breaks out as follows: LCAS = 448 K; IDP = 109 K and Reg =
2007	Heliophysics Guest Investigators Program (Geospace)	64	20	31%	Heliophysics	120	This number is approximate. Average was 116 for S&H portion (not Geospace)
2007	Heliophysics Guest Investigators Program (S&H only)	80	29	36%	Heliophysics	121	solar only
2007	Heliophysics Theory	25	10	40%	Heliophysics	431	The averages of awards for FY2009 and 2010 are $436K
2007	Living With a Star Space Environment Testbeds	Cancelled	Cancelled	Cancelled	Heliophysics		cancelled
2007	Living With a Star Targeted Research and Technology	163	51	31%	Heliophysics	110	
2007	Living with a Star Targeted Research and Technology: Strategic Capability	Deferred	Deferred	Deferred	Heliophysics		Deferred
2007	Solar and Heliospheric Physics	78	28	36%	Heliophysics	191	Avg new award in program year 1 for SHP SR&T is 191 but it breaks out as follows: LCAS = 490 K; IDP = 154 K and Reg = 140 K
2007	Virtual Observatories for Heliophysics Data	28	18	64%	Heliophysics	94	Approved amounts were $1,695k, $1,537k & $1,267k in FY9, 10, & 11 respectively.
2007	Astrobiology Science and Technology for Exploring Planets (ASTEP)	54	7	13%	Planetary Science	148	but the average planned per year awarded amount integrated over all four years is ~ 120 K
2007	Astrobiology Science and Technology Instrument Development (ASTID)	97	17	18%	Planetary Science	301	Average Duration of Awards: 3.25 years
2007	Astrobiology: Exobiology and Evolutionary Biology	113	33	29%	Planetary Science	167	Avg of 471 K total if funded for all three years as budgeted.
2007	Cassini Data Analysis	77	41	53%	Planetary Science	93	
2007	Cosmochemistry	58	27	47%	Planetary Science	154	Does not include PME. $4.151 M in new awards, $14.4 M total awarded in 2007
2007	Discovery and Scout Mission Capabilities Expansion	40	9	23%	Planetary Science	260	
2007	Discovery Data Analysis	30	15	50%	Planetary Science	137	Program officer notes that $2,051,942 was total for an average of $136,796 per award. "This is a little high due to a few large
2007	Fellowships for Early Career Researchers				Planetary Science		
2007	Fellowships for Early Career Researchers				Planetary Science		
2007	LRO Participating Scientists	56	24	43%	Planetary Science	76	
2007	Lunar Advanced Science and Exploration Research	162	43	27%	Planetary Science	109	
2007	Mars Data Analysis	78	33	42%	Planetary Science	96	
2007	Mars Fundamental Research (MFRP)	101	40	40%	Planetary Science	99	5 addnl selection letters went out 3/28/08
2007	Mars Instrument Development Project	63	7	11%	Planetary Science	450	4 remain selectable. The 7 awards are worth a total of $9.2M over three years, with an average of $450,000 each for the first
2007	Moon and Mars Analog Mission Activities (MMAMA)	21	11	52%	Planetary Science	63	
2007	Near Earth Object Observations (NEOO)	18	3	17%	Planetary Science	304	364 is the average for all awards old and new
2007	Outer Planets Research	120	44	37%	Planetary Science	85	11 more awards were selected on 2/6/2009, bringing the total up to 44/120. These were the "geophysics portion" of the program.
2007	Planetary Astronomy (PAST)	61	34	56%	Planetary Science	83	103 is the average for all awards old and new
2007	Planetary Atmospheres (PATM)	81	27	33%	Planetary Science	104	
2007	Planetary Geology and Geophysics (PGG)	120	40	33%	Planetary Science	97	
2007	Planetary Instrument Definition and Development	115	15	13%	Planetary Science	247	The start of 2 awards delayed until Year 2
2007	Planetary Protection Research	13	5	38%	Planetary Science	120	Total value of the selected proposals ~ 2.6 M
2007	Sample Return Laboratory Instruments and Data Analysis	10	7	70%	Planetary Science	366	
2006	Astrophysics Data Analysis	99	35	35%	Astrophysics		
2006	Astrophysics Research and Analysis	143	39	27%	Astrophysics		
2006	Astrophysics Research and Analysis	179	55	31%	Astrophysics	298	There were two versions of this in ROSES-2006
2006	Astrophysics Theory Program	118	20	17%	Astrophysics	99	
2006	Beyond Einstein Foundation Science	56	12	21%	Astrophysics	135	
2006	FUSE Guest Investigator -- Cycle 8	108	68	63%	Astrophysics		
2006	GALEX Guest Investigator -- Cycle 3	76	32	42%	Astrophysics		
2006	Origins of Solar Systems (Astro)	20	9	45%	Astrophysics		
2006	Suzaku Guest Observer -- Cycle 2	156	81	52%	Astrophysics	28	(US PIs only)
2006	Swift Guest Investigator -- Cycle 3	88	45	51%	Astrophysics		
2006	Applied Information Systems Research	160	33	21%	Cross division		
2006	Concept Studies for Lunar Sortie Science Opportunities	77	14	18%	Cross division	100	
2006	History of Scientific Exploration of Earth and Space	41	12	29%	Cross division		
2006	Opportunities in Science Mission Directorate Education and Public Outreach	80	16	20%	Cross division		
2006	Advancing Collaborative Connections for Earth System Science (ACCESS)	14	2	14%	Earth Science	150	Selected 10/30/06
2006	Atmospheric Composition: Modeling and Analysis	64	13	20%	Earth Science	138	The average grant size is: $137878, $146822, $144376, per year for the next three years For ROSES06 selections. There were
2006	Atmospheric Composition: Research and Modeling-A (Ground Net.)	19	6	32%	Earth Science	833	Selected 12/8/06
2006	Atmospheric Composition: Research and Modeling-B	51	20	39%	Earth Science		
2006	Atmospheric Composition: Tropical Composition, Cloud, and Climate Coupling Experiment	79	56	71%	Earth Science	214	Selected 2/7/07. First year funding
2006	Earth System Science Research using Data and Products from TERRA, AQUA and ACRIM	322	125	39%	Earth Science	200	approximate
2006	GNSS Remote Sensing Science Team	18	7	39%	Earth Science		
2006	Interdisciplinary Research in Earth Science	127	33	26%	Earth Science	354	Selected 12/6/06
2006	International Polar Year	93	34	37%	Earth Science	176	Selected 5/17/07
2006	International Polar Year Education and Public Outreach	24	9	38%	Earth Science	100	Selected 5/17/07. Second year funding
2006	Making Earth System data records for Use in Research Environment	86	29	34%	Earth Science		
2006	Ocean Biology and Biogeochemistry	28	12	43%	Earth Science	183	Selected 6/4/07
2006	Precipitation Science	127	55	43%	Earth Science	145	Selected 10/30/06
2006	Recompetition of the GRACE Science Team	32	22	69%	Earth Science	136	
2006	Geospace Science	94	24	26%	Heliophysics		
2006	Heliophysics Guest Investigators	92	26	28%	Heliophysics		geospace only
2006	Heliophysics Guest Investigators	96	25	26%	Heliophysics	106	solar only
2006	International Heliophysical Year Research	29	9	31%	Heliophysics		
2006	Living With a Star Targeted Research and Technology	150	42	28%	Heliophysics		
2006	Living with a Star Targeted Research and Technology: Strategic Capability	7	1	14%	Heliophysics		
2006	Solar and Heliospheric Physics	118	33	28%	Heliophysics		
2006	Virtual Observatories for Heliophysics Data	33	13	39%	Heliophysics	82	82 is approximate. Approved amounts were 1,069k in FY 08 $ 396k in FY 09 and $ 358k in FY 10
2006	Astrobiology: Exobiology and Evolutionary Biology	103	23	22%	Planetary Science	117	
2006	Cassini Data Analysis	71	27	38%	Planetary Science	95	
2006	Cosmochemistry	75	36	48%	Planetary Science	127	
2006	Discovery Data Analysis	41	24	59%	Planetary Science	92	
2006	Mars Data Analysis	100	23	23%	Planetary Science	83	
2006	Mars Fundamental Research (MFRP)	126	35	28%	Planetary Science	89	
2006	Mars Reconnaissance Orbiter Participating Scientists	71	17	24%	Planetary Science	42	

2006	MESSENGER Mission Participating Scientists	52	23	44%	Planetary Science	59	
2006	Near Earth Object Observations (NEOO)	14	5	36%	Planetary Science	344	
2006	Origins of Solar Systems (Planetary)	73	25	34%	Planetary Science	62	
2006	Outer Planets Research	51	13	25%	Planetary Science	98	
2006	Planetary Astronomy (PAST)	52	19	37%	Planetary Science	79	
2006	Planetary Atmospheres (PATM)	63	21	33%	Planetary Science	108	
2006	Planetary Geology and Geophysics (PGG)	99	48	48%	Planetary Science	67	
2006	Planetary Instrument Definition and Development	104	18	17%	Planetary Science	231	
2006	Planetary Protection Research	22	4	18%	Planetary Science	130	
2006	Sample Return Laboratory Instruments and Data Analysis	18	6	33%	Planetary Science	472	
2006	Stardust Sample Analysis	30	22	73%	Planetary Science	107	
2005	Astro E2/Suzaku Guest Observer -- Cycle 1 Resolicitation	158	59	37%	Astrophysics		
2005	Astrophysics Research and Analysis	160	45	28%	Astrophysics		
2005	Astrophysics Theory Program	128	20	16%	Astrophysics	89	
2005	Beyond Einstein Foundation Science	54	6	11%	Astrophysics	118	
2005	Concept Studies for the Joint Dark Energy Mission	6	3	50%	Astrophysics		
2005	FUSE Guest Investigator -- Cycle 7	81	49	60%	Astrophysics		
2005	GALEX Guest Investigator -- Cycle 2	64	25	39%	Astrophysics		
2005	Rossi X-ray Timing Explorer Guest Observer -- Cycle 11	131	59	45%	Astrophysics		
2005	Swift Guest Investigator -- Cycle 2	67	33	49%	Astrophysics		
2005	Terrestrial Planet Finder / Foundation Science	25	3	12%	Astrophysics		
2005	Terrestrial Planet Finder Coronagraph / Instrument Concept Studies	13	5	38%	Astrophysics		
2005	Applied Information Systems Research	174	33	19%	Cross division		
2005	Interdisciplinary Exploration Science	100	3	3%	Cross division		
2005	Origins of Solar Systems	98	31	32%	Cross division	66	
2005	Advanced Component Technology	92	14	15%	Earth Science		
2005	Advanced Information Systems Technology	99	28	28%	Earth Science	375	Selected 6/21/06
2005	Advancing Collaborative Connections for Earth-Sun System Science	50	16	32%	Earth Science	194	Selected 10/14/05
2005	Atmospheric Composition- A (Ozone Monitoring Instrument; OMI)	12	8	67%	Earth Science	113	Selected 3/31/06
2005	Atmospheric Composition- B (Kinetics)	23	16	70%	Earth Science	188	Selected 11/14/05
2005	Atmospheric Composition- C	67	30	45%	Earth Science	110	Selected 3/31/06
2005	CloudSat and CALIPSO Science Team and Modeling/Analysis of A-Train Related Data	120	40	33%	Earth Science	150	Selected 5/22/07
2005	Decision Support through Earth-Sun Science Research Results	94	33	35%	Earth Science	N/A	Selected 4/7/06
2005	Earth Surface and Interior	71	35	49%	Earth Science	86	Selected 8/1/07
2005	Ice Cloud and Land Elevation Satellite (ICESat) and Cryosat	71	19	27%	Earth Science	216	Selected 4/17/06
2005	Land Cover/Land Use Change (LCLUC)	83	14	17%	Earth Science	143	Selected 11/4/05. 83 Step-2 proposals were submitted, there were 173 Step-1.
2005	Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA)	37	22	59%	Earth Science	286	Selected 9/1/05
2005	NASA African Monsoon Multidisciplinary Activities (NAMMA)	49	23	47%	Earth Science	96	Selected 3/31/06. The award amount is the average over 3 years Jack Kaye notes higher at start, then declining.
2005	NASA Energy and Water Cycle Study (NEWS)	50	5	10%	Earth Science	200	Selected 12/29/06
2005	New (Early Career) Investigator Program in Earth Science	84	25	30%	Earth Science	100	Selected 5/8/06
2005	North American Carbon Program	79	12	15%	Earth Science	225	Selected 6/28/06.
2005	Ocean Biology and Biogeochemistry	22	7	32%	Earth Science	243	Selected 4/7/06
2005	Ocean Vector Winds Science Team	57	22	39%	Earth Science	205	Selected 4/4/06
2005	Remote Sensing Science for Carbon and Climate	44	10	23%	Earth Science	180	Selected 4/4/06
2005	Terrestrial Ecology and Biodiversity	34	7	21%	Earth Science	143	Selected 4/17/06
2005	Terrestrial Hydrology	59	12	20%	Earth Science	125	Selected 5/1/07
2005	Geospace Science	156	27	17%	Heliophysics		
2005	Living With a Star Targeted Research and Technology	163	51	31%	Heliophysics		
2005	Living With a Star Targeted Research and Technology: NASA/NSF Partnership for Collabor	18	6	33%	Heliophysics		
2005	Magnetospheric Multiscale Mission Interdisciplinary Science Teams	18	3	17%	Heliophysics		
2005	Solar and Heliospheric Physics	150	18	12%	Heliophysics		
2005	Virtual Observatories for Solar and Space Physics Data	17	11	65%	Heliophysics		Funds sent out in FY 08 & 09 were $1,952k & $1,376k respectively
2005	2001 Mars Odyssey Participating Scientists	24	16	67%	Planetary Science	48	
2005	Astrobiology Science and Technology for Exploring Planets (ASTEP)	88	0	0%	Planetary Science	N/A	
2005	Astrobiology Science and Technology Instrument Development (ASTID)	88	0	0%	Planetary Science	N/A	
2005	Astrobiology: Exobiology and Evolutionary Biology	160	28	18%	Planetary Science	133	
2005	Cosmochemistry	84	43	51%	Planetary Science	130	
2005	Discovery Data Analysis	21	14	67%	Planetary Science	93	
2005	Mars Data Analysis	96	27	28%	Planetary Science	67	
2005	Mars Exploration Rovers (MER) Participating Scientists	35	8	23%	Planetary Science	90	
2005	Mars Fundamental Research (MFRP)	120	37	31%	Planetary Science	80	
2005	Near Earth Object Observations (NEOO)	10	5	50%	Planetary Science	257	
2005	Outer Planets Research	81	29	36%	Planetary Science	81	
2005	Planetary Astronomy (PAST)	38	23	61%	Planetary Science	89	
2005	Planetary Atmospheres (PATM)	84	29	35%	Planetary Science	104	
2005	Planetary Geology and Geophysics (PGG)	121	58	48%	Planetary Science	67	
2005	Planetary Instrument Definition and Development	100	10	10%	Planetary Science	234	
2005	Planetary Protection Research	11	2	18%	Planetary Science	130	
2005	Sample Return Laboratory Instruments and Data Analysis	12	6	50%	Planetary Science	266	
2004	Astrophysics Data Analysis	84	23	27%	Astrophysics		
2004	Astrophysics Research and Analysis	163	69	42%	Astrophysics		
2004	Astrophysics Theory Program	111	22	20%	Astrophysics	103	
2004	Beyond Einstein Foundation Science	69	16	23%	Astrophysics	117	
2004	FUSE Guest Investigator - Cycle 6	143	45	31%	Astrophysics		
2004	GALEX Guest Investigator -- Cycle 1	101	53	52%	Astrophysics		
2004	INTEGRAL	35	26	74%	Astrophysics		
2004	Long-Term Space Astrophysics	88	19	22%	Astrophysics		
2004	Origins Science Mission Concept Studies	26	9	35%	Astrophysics		
2004	RXTE Guest Investigator - Cycle 10	150	69	46%	Astrophysics		
2004	Terrestrial Planet Finder Foundation Science	15	4	27%	Astrophysics		
2004	New Millennium Space Technology 9	37	11	30%	Cross division		
2004	Carbon Cycle Science	303	59	19%	Earth Science		
2004	EARTH SCIENCE OUTREACH INVESTIGATOR AWARDS	24	2	8%	Earth Science		
2004	INSPIRING THE NEXT GENERATION OF EARTH EXPLORERS; INTEGRATED SOLUTION	146	33	23%	Earth Science		
2004	Instrument Incubator Program	83	23	28%	Earth Science		
2004	Modeling, Analysis and Prediction Climate Variability and Change	225	65	29%	Earth Science		
2004	NASA Energy & Water Cycle Step-2	196	33	17%	Earth Science		
2004	Oceans & Ice	293	53	18%	Earth Science		
2004	Tropical Cloud Systems and Processes	198	25	13%	Earth Science		
2004	Geospace Science	121	41	34%	Heliophysics		
2004	Living With a Star Targeted Research and Technology	148	49	33%	Heliophysics		
2004	SEC Guest Investigator	172	64	37%	Heliophysics		
2004	SEC Theory	26	9	35%	Heliophysics		
2004	Solar and Heliospheric Physics	150	51	34%	Heliophysics		
2004	Astrobiology Science and Technology for Exploring Planets (ASTEP)	39	9	23%	Planetary Science	682	
2004	Astrobiology Science and Technology Instrument Development (ASTID)	91	9	10%	Planetary Science	296	
2004	Astrobiology: Exobiology and Evolutionary Biology	130	51	39%	Planetary Science	134	
2004	Cosmochemistry	69	36	52%	Planetary Science	121	
2004	Critical Issues in Electric Propulsion	13	4	31%	Planetary Science		
2004	Discovery Data Analysis	15	12	80%	Planetary Science		
2004	Hyabusa Participating Scientists	3	1	33%	Planetary Science	44	
2004	In-Space Propulsion - Cycle 3	12	1	8%	Planetary Science	600	
2004	Mars Data Analysis	108	45	42%	Planetary Science	69	
2004	Mars Fundamental Research (MFRP)	101	43	43%	Planetary Science	75	
2004	Near Earth Object Observations (NEOO)	6	5	83%	Planetary Science	317	
2004	Origins of Solar Systems (Planetary)	92	39	42%	Planetary Science	69	
2004	Outer Planets Research	166	54	33%	Planetary Science	87	
2004	Planetary Astronomy (PAST)	41	29	71%	Planetary Science	74	
2004	Planetary Atmospheres (PATM)	75	43	57%	Planetary Science	85	
2004	Planetary Geology and Geophysics (PGG)	117	73	62%	Planetary Science	87	
2004	Planetary Instrument Definition and Development	66	11	17%	Planetary Science	201	
2004	Planetary Protection Research	10	4	40%	Planetary Science		
2004	Sample Return Laboratory Instruments and Data Analysis	17	7	41%	Planetary Science	289	
2004	Stardust Participating Scientists	24	18	75%	Planetary Science		
2004	Venus Express	13	9	69%	Planetary Science	67	
2003	Astrophysics Data Analysis	111	31	28%	Astrophysics		
2003	Astrophysics Research and Analysis	133	51	38%	Astrophysics		
2003	Astrophysics Theory Program	133	32	24%	Astrophysics		
2003	Einstein Probes	10	10	100%	Astrophysics		
2003	FUSE Guest Investigator - Cycle 5	168	62	37%	Astrophysics		
2003	Long Term Astrophysics	94	17	18%	Astrophysics		
2003	Swift Guest Investigator - Cycle 1	63	35	56%	Astrophysics		
2003	Terrestrial Planet Finder	45	16	36%	Astrophysics		
2003	Space Science Vision Missions	27	15	56%	Cross division		
2003	Earth System Science Research using Data and Products from TERRA, AQUA and ACRIM	566	199	35%	Earth Science		
2003	Interdisciplinary Science in the NASA Earth Science Enterprise	346	60	17%	Earth Science		
2003	New (Early Career) Investigator Program in Earth Science	126	31	25%	Earth Science		
2003	The Ocean Surface Topography Science Team (OSTST)	80	43	54%	Earth Science		
2003	Advanced Information Systems Research	123	33	27%	Heliophysics		
2003	Geospace Sciences LCAS	27	11	41%	Heliophysics		
2003	Geospace Sciences SR&T	95	24	25%	Heliophysics		
2003	Living With a Star Targeted Research and Technology	187	52	28%	Heliophysics		
2003	SEC Guest Investigators	82	33	40%	Heliophysics		
2003	Solar and Heliospheric Physics	119	25	21%	Heliophysics		
2003	Advanced Electric Propulsion	9	2	22%	Planetary Science		
2003	Astrobiology Science and Technology for Exploring Planets (ASTEP)	35	10	29%	Planetary Science		
2003	Astrobiology Science and Technology Instrument Development (ASTID)	47	20	43%	Planetary Science		
2003	Astrobiology: Exobiology and Evolutionary Biology	105	44	42%	Planetary Science		
2003	Cosmochemistry	66	36	55%	Planetary Science	140	
2003	Discovery Data Analysis	25	16	64%	Planetary Science		
2003	High Capability Instruments for Planetary Exploration	29	11	38%	Planetary Science		
2003	Mars Data Analysis	85	37	44%	Planetary Science		
2003	Mars Exploration Advanced Technologies	131	60	46%	Planetary Science		
2003	Near Earth Object Observations (NEOO)	15	7	47%	Planetary Science		
2003	Origins of Solar Systems (Planetary)	85	19	22%	Planetary Science		
2003	Planetary Astronomy (PAST)	65	30	46%	Planetary Science		
2003	Planetary Atmospheres (PATM)	80	44	55%	Planetary Science		
2003	Planetary Data System Nodes NRA	7	5	71%	Planetary Science		
2003	Planetary Geology and Geophysics (PGG)	115	62	54%	Planetary Science		
2003	Planetary Instrument Definition and Development	58	15	26%	Planetary Science		
2003	Planetary Protection Research	10	2	20%	Planetary Science		
2003	Sample Return Laboratory Instruments and Data Analysis	21	9	43%	Planetary Science		