ROSES	Solicitation or Program Element Title	Submitte d	Selected*	%Selected	SMD Division	Avg K\$/Yr	Notes * Selected means *encouraged* or *invited* for Step-1 proposals, depending.
2022 As 2022 As 2022 As	stroohvsics Data Analvsis strophysics Research and Analysis strophysics Theory Program	176 147	48 38	27% 26%	Astrophysics Astrophysics		Six were declined non compliant includes two partial selections. Four were declined non compliant.
2022 No 2022 Fe	eil Gehrels Swift Observatory General Investigator Cycle 19 ermi General Investigator Cycle 16	see notes 148 90	see notes 46 36	31% 40%	Astrophysics Astrophysics Astrophysics		Not Solicited This Year
2022 Ni 2022 Ni 2022 Ni	trategic Astrophysics Technology ancy Grace Roman Technology Fellowships for Early Career Researchers uSTAR General Observer Cycle 9	37 1 159	13 1 86	100% 54%	Astrophysics Astrophysics Astrophysics		Includes on partial selection. Four were declined non compliant.
2022 N 2022 Tr	SS General investigator Cycle 6 ICER General Observer Cycle 5 seoretical and Computational Astrophysics Networks	136 35	65 4	48% 11%	Astrophysics Astrophysics Astrophysics		7 were declined non comoliant.
2022 No 2022 Li	strochvsics Pioneers ancy Grace Roman Space Telescope Research and Support Participation Oppor sa Preparatory Science	91 35 48	30 8	33% 23%	Astrophysics Astrophysics Astrophysics		One declined not compliant One declined not compliant. Inclues two partial selections two were declined non compliant.
	stroohvaics Decadal Survev Precursor Science Ray Imaging and Spectroscopy Mission Guest Scientist Program streme Precision Radial Velocity Foundation Science Itaviolet Transient Astronomy Satellite Participating Scientists Program	49 14 34	21 5	21% 43% 36% 41%	Astrophysics Astrophysics Astrophysics Astrophysics		Two declined not compliant
2022 Fu	undamental Physics Step-1	30	N/A	N/A	Biological and Ph	ysical Sc	One declined not compliant. Four selected were no NASA funding.
2022 P	undamental Physics Stec-2 rivatical Sciences Informatics pace Biology Research Stec-1 pace Biology Research Stec-2	14 111	6 N/A 11	33% 43% N/A			Three declined non compliant. Values in the columns to the left include two partial selections. Selectables ience
	pace Biology Research Step-2 essearch Pathinder for Beyond LEO Space Biology Investigations Step-1 essearch Pathinder for Beyond LEO Space Biology Investigations Step-2	94 10 9	11 N/A 2	N/A	Biological and Ph Biological and Ph Biological and Ph	vsical Sc	cience
2022 To 2022 Er	coical Workshops, Symposia, and Conferences scolanets Research Program uture Investigators in NASA Earth and Soace Science and Technology Astro	79 172	58 31	18%	Cross Division Cross Division Cross Division		Selections include three partial selections Four declined not compliant
2022 Ft	uture Investigators in NASA Earth and Space Science and Technology BPS	264 40 369	2 53 24	10% 5% 14%	Cross Division Cross Division		
2022 St	ature Investigators in NASA Earth and Space Science and Technology Helio ature Investigators in NASA Earth and Space Science and Technology Planetary upplemental Open Source Software Awards	216 6 13	39 5	83%	Cross Division Cross Division Cross Division		7 decined not compliant.
2022 Pa	titizen Science Seed Funding Program avloads and Research Investigations on the Surface of the Moon Step-1 avloads and Research Investigations on the Surface of the Moon Step-2	36 22	N/A 1	38% N/A 5%	Cross Division Cross Division Cross Division		one declined not compliant
2022 E	ansform to Open Science Training ich Priority Open-Source Science conomic, Social, and Policy Analyses of Orbital Debris and Space Sustainability	20 10 10	6 3		Cross Division Cross Division		Two declined not compliant, Selectables remain
	ASA Innovation Corps ultidomain Reusable Artificial Intelligence Tools and Cover/ Land Use Change Step-1	18	8 N/A	40% 44% N/A	Cross Division Cross Division		
2022 La 2022 Sa	and Cover/ Land Use Change Step-2 coping Studies for the Next Terrestrial Ecology Field Campaign	23 5 48	11 2 18	48%	Earth Science Earth Science		Two declined not compliant.
2022 Pr	arbon Monitoring System: Continuing Prototype Product Development hysical Oceanography cean Vector Winds Science Team	40 27 65	9 12 30	23%	Earth Science Earth Science Earth Science Earth Science		TWO GELINED HOL COMPANIE.
	cean vector winds science learn ura Science Team and Amnostheric Composition Modeling and Analysis Program irborne and Satellite Investigation of Asian Air Quality strestfial Hydrology (College and Analysis Program)	24 17 69	13 5	54% 29% 19%	Earth Science		two declined not compliant one declined not compliant
	eather and Atmoscheric Dynamics arth Surface and Interior acid Response and Novel Research in Earth Science	45 11	17 6	38%	Earth Science Earth Science Earth Science Earth Science		Selectables remain
2022 In	arth Science U.S. Participatina Investigator akina Earth Svstem Data Records for Use in Research Environments terdisciplinary Research in Earth Science arth Science Research from Operational Geostationary Satellite Systems	69 137	25 30	36%	Earth Science Earth Science Earth Science		includes one "partial" selection
2022 PI 2022 St	Sankton. Aerosol. Cloud. ocean Ecosystem (PACE) Mission Validation udies with ICESat-2 COSTRESS Science and Applications Team	47 50 54	23 26 15	49% 52%	Earth Science Earth Science Earth Science		One was declined for being not compliant. Selectables remain, February 2024 One was declined for being not compliant One was declined for being not compliant
2022 Es	anth Science Applications: Anciculum anth Science Applications: Ecological Conservation ommercial Smallsat Data Acquisition New Vendor Onramp Evaluation	4 33 55	1 15 39	25% 45% 71%	Earth Science Earth Science Earth Science		Const Walls designated the Leening Rev Commission
2022 Cr 2022 Ar	ommercial Smallat Data Acquisition new venuor creamp evaluation ommercial Smallat Data Acquisition new venuor creamp evaluation ommercial Smallat Data Acquisition new venuor creamp evaluation ommercial Smallat Data Acquisition new venuor creamper evaluation ommercial Smallat Data Acquisition new venuor creamper evaluation of commercial Smallat Smallat Data Acquisition of commercial Smallat Smallat Data Acquisition of commercial Smallat Smallat Data Acquisition of commercial Smallat	72 57	22 13 8	31% 23%	Earth Science Earth Science Earth Science		two declined not compliant. One of the selections was "partial"
2022 Es 2022 Te	arth System Science for Building Coastal Resilience	24 108 24	6 54 6	25% 50%	Earth Science Earth Science Earth Science		two declined includes no control and contr
2022 Es 2022 Es	echnology Development for Support of Wildlire Science and Disaster Mitigation S arth Venture Suppristal-4 and-Cover/Land-Use Change SARI Synthesis	42 23	11	48%	Earth Science Earth Science		Proposals were received 0.4/27/2023. Decisions expected in March 2024
2022 Hi 2022 Hi 2022 Hi	eliophysics Theory, Modeling and Simulations Step-1 etophysics Theory, Modeling and Simulations Step-2 etophysics Quest Investigator Open Step-1	64 59	N/A 11	19%	Heliophysics Heliophysics Heliophysics		Three were declined not compliant.
2022 Hi 2022 Li	elicohvsica Guest Investicator Coen Step-2 sing With a Star Science Step-1 ving With a Star Science Step-2	87 40	N/A 25 N/A	29% N/A	Heliophysics Heliophysics Heliophysics		one declined not compliant
2022 St	win virin a said science asserve sace Weather Science Application Research-to-Operations-to-Research Step-1 page Weather Science Application Research-to-Operations-to-Research Step-2 elophysics Technology and Instrument Development for Science	22 17	N/A 4	N/A 24%	Heliophysics Heliophysics Heliophysics		one declined not compliant one declined not compliant
2022 Hi 2022 Hi	eligibrusius Low Cost Access to Space eligibrusius Low Cost Access to Space eligibrusius Flight Opportunities Studies eligibrusius Data Environment Enhancements	19 7	7 4	37% 57%	Heliophysics Heliophysics Heliophysics		Greened in company
2022 Hi 2022 Hi	eliophysics Early Career Investicator Program Step-1 eliophysics Early Career Investicator Program Step-2 eliophysics Innovations for Technology and Science	54 47 10	N/A 13 4	N/A 28%	Heliophysics Heliophysics Heliophysics		One declined not compliant 3 are still no decision February 2024
2022 H	eliophysics Artificial Intelligence/Machine Learning-Ready Data terdisciplinary Science for Eclipse Step-1 terdisciplinary Science for Eclipse Step-2	20 39 36	4 N/A 5	20%	Heliophysics Heliophysics Heliophysics		2 selectables remain February 2024
	elicohysics Tools and Methods elicohysics Citizen Science Investigations oace Weather Centers of Excellence	18 8 17	6 3 4	33% 38% 24%	Heliophysics Heliophysics		one of the four is a partial selection
2022 Et	merging Worlds olar System Workings	34 84 27	17 37 8		Planetary Planetary		One declined not compliant. Selections include one partial and two that are no NASA funding. Two declined not compliant. Selections include one with no NASA funding.
2022 PI 2022 Es	anetary Data Archiving and Restoration	27 60 20	8 14 8	30%	Planetary Planetary Planetary		One declined not compliant. One declined not compliant. Selections include two partial
2022 No 2022 No 2022 Lu	ew Frontiers Data Analysis Steo-1 ew Frontiers Data Analysis Steo-2 unar Data Analysis Step-1	30 22 46	N/A 11 N/A	N/A	Planetary Planetary Planetary		One declined not compliant
2022 Lt 2022 M 2022 M	unar Data Analysis Steo-2 ars Data Analysis Steo-1 ars Data Analysis Steo-2	34 77 55	8 N/A 15	24% N/A 27%	Planetary Planetary Planetary		One declined not compliant
2022 C	assini Data Analysis Steo-1 assini Data Analysis Steo-2 iscover Data Analysis ianetary Instrument Concepts for the Advancement of Solar System Observations	35 27 16	N/A 8 9	N/A 30% 56%	Planetary Planetary Planetary		
2022 M	aturation of Instruments for Solar System Exploration	18 37 15	5 5	50% 14% 33%	Planetary Planetary Planetary		Selections include one "partial"
2022 PI	aboratory Analysis of Returned Samoles anetary Science Enabling Facilities anetary Science Early Career Award evelocment and Advancement of Lunar Instrumentation	12 25 32	7 10 5	58% 40% 16%	Planetary Planetary Planetary		Selections include three partial selections
	evelopment and Advancement of Lunar Instrumentation terdisciplinary Consortia for Astrobiology Research early Cocortunities for Research in Planetary Defense nalog Activities to Support Artemis Lunar Operations (D-RATS)	28 18	8 8	12% 29% 44%	Planetary Planetary Planetary		Selections include one "partial" One declined non compliant
2022 Ar 2022 M 2022 Ar	nation Activities to Support Arternis Lunar Coertations (D-KAIS) artisin Moons Exploration Participating Scientist Program ternis III Geology Team pollo Next Generation Sample Analysis Program	49 9	10	11%	Planetary Planetary Planetary		
2022 PI	recursor Science investigations for Europa	28	5	43% 18%	Planetary Planetary		One declined not compliant.
	strophysics Data Analysis strophysics Research and Analysis strophysics Theory Program eil Gehrels Swift Observatory General Investigator Cycle 18	214 155 181 140	48 57 47 44	22% 37% 26% 31%	Astrophysics Astrophysics Astrophysics Astrophysics	104	5 Were declined not compliant. One declined not compliant. Nine of the selections listed to the left was a partial selection. 3 were declined not compliant.
2021 Fe	ami General Investigator Cycle 15 rrategic Astrophysics Technology ancy Grace Roman Technology Fellowships for Early Career Researchers	80 40	34 14	43% 35%	Astrophysics Astrophysics Astrophysics		one declined not compliant. One of the selections listed to the left was a partial selection.
2021 No	SSTAR General Observer Cycle 8 ESS General Investigator Cycle 5 CER General Observer Cycle 4	165 101 107	81 49 71	49% 49% 66%	Astrophysics Astrophysics Astrophysics		
2021 X- 2021 As	-Ray Imaging and Spectroscopy Mission Guest Scientist Program strophysics Explorers U.S. Participating Investigators neoretical and Computational Astrophysics Networks	see notes see notes	see notes see notes	see notes see notes	Astrophysics Astrophysics Astrophysics		Not Solicited This Year, moved to 2022. Not Solicited This Year Not Solicited This Year
2021 As	strooksid sid Companion Pariodinana Vervinia strooksid Sciences Informatics	15	1 5		Astrophysics	l	3 declined not compliant, one declined not compliant
2021 Ex	rivatical Sciences automatics steended Longevity of 3D Tissues and Microphysiological Systems page Biology, Animal Studies Step-1 page Biology, Animal Studies Step-2	36 56 47	9 56	25%	Biological and Ph	ysical Sc	One occurred the Commission This was not ROSES, this was a separate solicitation: NN#121ZDA015N. This was not in ROSES, this was a separate solicitation: NN#121ZDA015N. Jointon Of the 12 selected, one was a partial selection. Three were declined as not compliant. Two remain
	pace Biology. Animal studies Steb-2 pace Biology. Plant Studies Step-1 pace Biology. Plant Studies Step-2 unar Explorer Instrument for Space Biology Applications	45 35 10	45 7 3	N/A	Biological and Ph	vsical Sc	Lt the Lx seetcast, one was a partial structure. The common structure is a common structure of the common structure of the common structure. The common structure of the common structure of the common structure of the common structure of the common structure.
2021 To	opical Workshops, Symposia, and Conferences	31	27 22	87%	Cross Division Cross Division	and di	13 declined non-compliant
2021 Fr	scolainets: Research Program uture Investigators in NASA Earth and Soace Science and Technology Astro uture Investigators in NASA Earth and Soace Science and Technology BPS uture Investigators in NASA Earth and Space Science and Technology Earth	183 222 38 394	29 2 62	12% 13% 5% 16%	Cross Division Cross Division Cross Division		13 decined non-composition cone declined non-composition cone declined non-composition 2 Selected with No NASA Funding and one declined non-compliant
2021 Ft	uture Investigators in NASA Earth and Space Science and Technology Earth uture Investigators in NASA Earth and Soace Science and Technology Helio uture Investigators in NASA Earth and Soace Science and Technology Planetary uture Investigators in NASA Earth and Soace Science and Technology Science E	60 224 2	13 32 1	22% 14% 50%	Cross Division Cross Division Cross Division		2 selected with no rusps running and one declined non compilant one declined non compilant six declined non compilant six declined non compilant process are submitted 211/2022
2021 St 2021 St 2021 C	cience Activation Program Integration upplemental Open Source Software Awards tizzen Science Seed Funding Program	30 0 29	8 0	27% N/A 38%	Cross Division Cross Division Cross Division		Problems were submitted 27 in 2002 and 5 more partially Supported. two declined non compliant
2021 Pa	ayloads and Research Investigations on the Surface of the Moon and Cover/ Land Use Change	31 19	2 8	6% 42%	Cross Division Earth Science		- 101 201 201 201 201 201 201 201 201 201
2021 Te	errestrial Ecology	46 16 29	20 10 12	43% 63%	Earth Science		nlus one natrial selection
2021 Ci	cean Salimity Science learn rosobleric Science rctic Radiation-Cloud-Aerosol-Surface Interaction Experiment emote Sensing of Water Quality	34 33 38	11 18 10	32%	Earth Science Earth Science Earth Science		olus one partial selection one declined as not compliant
2021 Pr	arth Surface and Interior recipitation Measurement Missions Science Team	49 114 26	18 36 13	37% 32% 50%	Earth Science Earth Science Farth Science		
2021 R	SCOVR Science Team oudSat and CALIPSO Science Team Recompete apid Response and Novel Research in Earth Science arth Science Applications: Water Resources	65 7 67	22 5 30	34% 71% 45%	Earth Science Earth Science Earth Science Earth Science		one is still no decision remains 09/22. Did not close until 03/29/2022
2021 SI	ERVIR Applied Sciences Team	49 68 56	20 8 17	41%	Earth Science Earth Science		
2021 A	strument incubation program secadal Survey Incubation dvanced Information Systems Technology and Cover/Land-Use Chance: SARI Synthesis	76 66 19	36 32 8	47% 48% 42%	Earth Science Earth Science Earth Science Earth Science		one declined not compliant. five declined as not compliant
	arth 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 2021 Subseasonal-to-Seasonal Hydrometeorological Prediction 2021 Increasing Participation of Minority Serving Institutions in Earth Science Division S	72 57	39 13	54% 23%	Earth Science Earth Science		one declined as not compliant Also 5 cartial selections not listed in the 10 to the left
2021 Increasing Participation of Minority Serving Institutions in Earth Science Division S 2021 Helicohysics Supporting Research 2021 Helicohysics Guest Investigator Open	111	24 24	22% 32%	Heliophysics Heliophysics		Also 5 Dathial selections not asset in the 10 to the left plus one partial selection
2021 Living With a Star Science Strategic Capabilities 2021 Living With a Star Science Strategic Capabilities 2021 Living With a Star Science Strategic Capabilities 2021 Space Weather Science Adolication Research-to-Operations-to-Research	66 13 14	20 4 6	30% 31% 43%	Heliophysics Heliophysics Heliophysics		Dus one parties serectors
2021 Heliophysics Technology and Instrument Development for Science 2021 Heliophysics Low Cost Access to Space 2021 Heliophysics Flight Opportunities Studies	14 12 5	5 4 2		Heliophysics Heliophysics Heliophysics		
2021 Heliophysics Data Environment Enhancements 2021 Geospace Dynamics Constellation Interdisciplinary Scientists 2021 Heliophysics Mission Concept Studies	4 10 14	3 3 6	75%	Heliophysics Heliophysics Heliophysics		
2021 Interdisciplinary Science for Eclipse 2021 Hetiophysics Living With a Star Tools and Methods Step-1 2021 Hetiophysics Living With a Star Tools and Methods Step-2	13 47 39	7 47 12	54%	Heliophysics Heliophysics Heliophysics		
2021 Heliophysics Innovations for Technology and Science 2021 Heliophysics Living with a Star Infrastructure	9	6	67% 100%	Heliophysics Heliophysics		
2021 Analoo Activities to Support Artemis Lunar Operations (D-RATS) 2021 Cassain Data Analosis Step-1 2021 Cassain Data Analosis Step-1 2021 Cassain Data Analosis Step-1	32 51 38	10 49 15	31% N/A 39%	Planetary Planetary Planetary		
2021 Development and Advancement of Lunar Instrumentation Program Step-1 2021 Development and Advancement of Lunar Instrumentation Program Step-2 2021 Discovery Data Analysis	56 44 31	56 5 9	N/A 11% 29%	Planetary Planetary Planetary		4 declined not compliant
2021 Emeraina Worlds 2021 EnVision VenSAR Science Team	36 42 64	11 14 17	31% 33% 27%	Planetary Planetary Planetary		3 declined not compliant. One declined not compliant. Two selections were without NASA funding 3 declined compliant
2021 Excipiology 2021 Hot Operating Temperature Technology 2021 Juno Participating Scientist Program 2021 Laboratory Analysis of Returned Samples	38 27 8	7 9 3	18% 33% 38%	Planetary Planetary Planetary		Plus one non-US proposal selected but no NASA funding
2021 Laboratory Analysis of Returned Samples 2021 Lunar Data Analysis Steo-1 2021 Lunar Data Analysis Steo-2 2021 Mars Data Analysis Steo-2	46 35 96	43 7 79	N/A 20% N/A	Planetary Planetary Planetary		
2021 Mars Data Analysis Step-2 2021 Mars Science Laboratory Participating Scientist Program	66 50 31	20 25 30	30% 50% N/A	Planetary Planetary Planetary		one declined not compliant
2021 New Frontiers Data Analysis Steo-1 2021 New Frontiers Data Analysis Steo-2 2021 OSIRS-REx Samole Analysis Participating Scientist Program 2021 Planetary Data Archiving, Restoration, and Tools	21 48 53	7 9 11	33%	Planetary Planetary Planetary Planetary		Three declined not compliant. Selections include two partial selections one is a partial selection
2021 Planetary Instrument Concepts for the Advancement of Solar System Observation 2021 Planetary Protection Research	10 10 49	6 5 14	27% 50% 29%	Planetary Planetary Planetary		Three declined not compliant. 14 selections include one partial selection
2021 Planetary Science and Technoloxy Through Analog Research 2021 Solar System Observations 2021 Solar System Workings 2021 VIPER Mission Co-Investigator Program	19 81 50	8 28 8	42%	Planetary Planetary Planetary		2 of the 8 are partial selections includes two that are no NASA funding
2021 Yearly Ocoortunities for Research in Planetary Defense	23	11		Planetary		
2020 Astrophysics Data Analysis 2020 Astrophysics Research and Analysis 2020 Astrophysics Theory Program	311 169 see notes	47 44 see notes	26%	Astrophysics Astrophysics	155	Actually, 313 were submitted but only 311 were reviewed as 1 proposal was declared non compliant, and 1 Not Solicited This Year
2020 Neil Gehrels Swift Observatory Guest Investigator Cycle 17 2020 Fermi Guest Investigator Cycle 14 2020 Strategic Astrophysics Technology	127 87 see notes	44 36 see notes	35% 41% see notes	Astrophysics Astrophysics		These are just the Phase-1 results, the Phase-2s were due 06/25/2021 Not Solicited This Year
2020 Nancy Grace Roman Technology Fellowships for Early Career Researchers 2020 NuSTAR General Observer Cycle 7	16 196 146	3 84 62	19% 43%	Astrophysics Astrophysics Astrophysics		These are just the Phase-1 results, the Phase-2s were due 06/18/2021. Of the 84 proposals were selected
2020 TESS Guest Investigator Cvcle 4 2020 NICER Guest Observer Cycle 3 2020 Astrophysics Explores U.S. Participating Investigators 2020 Theoretical and Computational Astrophysics Networks	112 0 22	81 0 4	72% N/A 18%	Astrophysics Astrophysics Astrophysics		
2020 LISA Preparatory Science 2020 Astrophysics Pioneers 2020 Extreme Precision Radial Velocity Foundation Science Step-1 Proposals	16 24 31	6 4 28	38% 17% N/A	Astrophysics Astrophysics Astrophysics		1 declined as non-compliant/not responsive
2020 Extreme Precision Radial Velocity Foundation Science Step-2 Proposals 2020 Space Biology Step-1	25 104 83	8 104 15	32% N/A	Astrophysics Biological and Phy	sical Sc	ience
2020 Space Biology Step-2 2020 Physical Sciences Informatics 2020 Fluid Physics Experiments on ISS	83 34 15	15 5 2	18% 15% 13%	Biological and Phy Biological and Phy Biological and Phy	vsical Sc vsical Sc vsical Sc	One declined non compliant. This was not in ROSES in 2020, this was a separate solicitation: NNH20ZDA014N This was not in ROSES in 2020. this was a separate solicitation: NNH20ZDA012N-A FLUIDS
2020 Land Cover/ Land Use Chance 2020 Ocean Biology and Biogeochemistry	66 76	13 17	20% 22%	Earth Science Earth Science		plus three partial selections and one declined non-compliant/not responsive
2020 Carbon Cycle Science 2020 Carbon Monitorina System 2020 Biodremstry 2020 Biodremstry	103 55 114	24 17 13	23% 31% 11%	Earth Science Earth Science		includes two partial selections.
2020 Global Ecosystem Dynamics Investigation (GEDI) Science Team 2020 Physical Creanography 2020 Ocean Salinity Field Campaign	40 41 2	18 9 1	45% 22%	Earth Science Earth Science Earth Science		
2020 Ocean Surface Topography Science Team 2020 Modeling Analysis and Prediction 2020 Crosopheric Science	38 175 80	17 34 18		Earth Science Earth Science Earth Science		
2020 Atmospheric Composition: Uncert Atmospheric Composition Observations 2020 Atmospheric Composition: Laboratory Research 2020 Atmospheric Composition Campaign Data Analysis and Modeling	21 11 91	15 3 31	71% 27% 34%	Earth Science Earth Science Earth Science		plus two partial selections
2020 Terrestrial Hydroloov 2020 Earth and Surface Interior 2020 CYGNSS Competed Science Team	48 62 46	11 15 14	23% 24% 30%	Earth Science Earth Science		one declined not compliant/not responsive.
2020 Racid Response and Novel Research in Earth Science 2020 Earth Science U.S. Participating Investigator 2020 New (Earth Career) Investigator Program in Earth Science 2020 The Science of Terra, Aqua, and Suomi-NPP	48 30 238	21 6 45	44% 20% 19%	Earth Science Earth Science Earth Science		plus two partial selections and one declined not compliant/not responsive 1 declined not compliant/not responsive. Two partial selections
2020 The Science of Terra, Aqua, and Suomi-NPP 2020 Studies with ICESat/2 2020 Health and Air Quality Applied Sciences Team 2020 Ecological Forecasting	227 24 58	51 10 14	22% 42%	Earth Science Earth Science Earth Science		includes 7 partial selections
2020 Ecological Forecasting 2020 Citizen Science for Earth Systems Program 2020 Commercial SmallSat Data Analysis	28 67 135	13 8 25	24% 46% 12% 19%	Earth Science Earth Science Earth Science		
2020 Advanced Component Technology 2020 In-space Validation of Earth Science Technologies 2020 Solar Irradiance Science Team	71 13 9	12 3 8	17% 23% 89%	Earth Science Earth Science Earth Science		
2020 SAGE III/ISS Science Team 2020 Science Team for the OCO Missions 2020 Suomi NPP and JPSS Standard Products for Earth System Data Records	19 32 32	11 19 25	58% 59% 78%	Earth Science Earth Science Earth Science		plus one partial selection
2020 Heliophysics Supporting Research Step-1	134 118 139	132	N/A	Heliophysics Heliophysics		2 declined non compliant/not responsive
2020 Hefiophysics Supporting Research Step-2 2020 Hefiophysics Guest Investigators Open Step-1 2020 Hefiophysics Guest Investigators Open Step-2 2020 Living With a Star Science Step-1	139 119 68	139 29 68	N/A	Heliophysics Heliophysics		plus one partial selection. 3 declined non compliant/not responsive
2020 Living With a Star Science Step-2 2020 Space Weather Science Applications Operations 2 Research Step-1	61 38 33	26 37 9		Heliophysics Heliophysics		plus one partial selection.
2020 Space Weather Science Applications Operations 2 Research Step-2 2020 Heliophysics Technology and Instrument Development for Science 2020 Heliophysics Low Cost Access to Space 2020 Heliophysics Plotht Opportunities Studies	31 13 12	15 7 5	48% 54% 42%	Heliophysics Heliophysics Heliophysics Heliophysics		2 declined non compliant
2020 Hefiophysics Flight Opportunities Studies 2020 Hefiophysics Flight Opportunities for Research and Technology 2020 Hefiophysics Data Environment Enhancements Steo-1 2020 Hefiophysics Data Environment Enhancements Steo-2	16 20 17	2 20 9	13% N/A 53%	Heliophysics Heliophysics Heliophysics		
2020 Heliophysics U.S. Participating Investigator Step-1 2020 Heliophysics U.S. Participating Investigator Step-1 2020 Heliophysics U.S. Participating Investigator Step-1 2020 Early Career Investigator Program Step-1	14 12 68	14 3 67	N/A 25% N/A	Heliophysics Heliophysics Heliophysics Heliophysics		one was declined as non-compliant/not responsive
2020 Early Career Investicator Procram Step-2 2020 GOLD-ICON Guest Investigators Step-1 2020 GOLD-ICON Guest Investigators Step-2	54 36 32	14 36 14	44%	Heliophysics Heliophysics Heliophysics		
2020 Parker Solar Probe Guest Investigators Steo-1 2020 Parker Solar Probe Guest Investigators Step-2 2020 HERMES Interdisciplinary Science Teams Step-1	46 37 12	46 14 11	N/A 38% N/A	Heliophysics Heliophysics Heliophysics		Selection rate overall is 11/46 = 30%. Plus one selected partial. 3 declined non compliant.
2020 HERMES Interdisciplinary Science Teams Step-2 2020 Emerging Worlds Step-1	11	6 142	55% N/A	Heliophysics Planetary	N/A	
2020 Emerging Worlds Step-2 2020 Solar System Workinas 2020 Exobiolacy	125 253 156	22 47 25	18% 19% 16%	Planetary Planetary Planetary	221	22 includes one partial selection. One declined non compliant/not responsive Two declined, not compliant/not responsive. Two declined, not compliant/not responsive. Of those 25 selected 9 were partial selections.
2020 Solar System Observations Step-1 2020 Solar System Observations Step-2 2020 Development and Advancement of Lunar Instrumentation Program Step-1 2020 Development and Advancement of Lunar Instrumentation Program Step-1	47 47 43	58 13 47	N/A 28% N/A	Planetary Planetary Planetary	N/A 147 N/A	Supplies in table according agreement all agest in large 5
2020 Development and Advancement of Lunar Instrumentation Program Step-2 2020 Laboratory Analysis of Returned Samples Step-1 2020 Laboratory Analysis of Returned Samples Step-2	36 30	36 7	12% N/A 23%	Planetary Planetary Planetary	329	S value is total awarded amount, all sent in year 1. Award sizes varied by ~ factor of 10
2020 Planetary Data Archiving, Restoration, and Tools Step-1 2020 Planetary Data Archiving, Restoration, and Tools Step-2 2020 Cassini Data Analysis Step-1	172 131 65	170 23 65	N/A 18% N/A	Planetary Planetary Planetary	N/A	Includes one partial selection.
2020 Cassini Data Analysis Step-2	57 61 44 57	17 61 16	30% N/A 36% N/A	Planetary Planetary Planetary	179 N/A 163 N/A	includes one_partial Selection. One declined as non-compliant/not responsive
2020 Discovery Data Analysis Step-1 2020 Discovery Data Analysis Step-2 2020 Mars Data Analysis Step-1	48 134	12 103	25% N/A	Planetary Planetary Planetary	164 N/A	
2020 Mars Data Analysis Step-2 2020 Planetary Instrument Concepts for the Advancement of Solar System Observation 2020 Planetary Instrument Concepts for the Advancement of Solar System Observation 2020 Planetary Instrument Concepts for the Advancement of Solar System Observation 2020 Planetary Protection Research	96 1 125 94 see notes	118 10 see notes	32% N/A 11%	Planetary Planetary Planetary Planetary	144 N/A 318 N/A	including a partial selection. Not Solicited This Year
2020 Planetary Protection Kesearch	66 45	61 7	N/A 16%	Planetary Planetary Planetary	N/A N/A 187	THE SUBSECT HE TEST
2020 Tooical Workshoos, Symposia, and Conferences 2020 Expolanets Research Program 2020 Habitable Worlds Step-1	38 153 147	21 30 71	55% 20% N/A	Cross Division Cross Division Cross Division	N/A	Includes one partial selection. 7 declined not compliant.
2020 Habitable Worlds Step-2 2020 Future Investigators in NASA Earth and Space Science and Technology Astro	147 71 196 344	71 8 21 58	11% 11%	Cross Division Cross Division Cross Division	169 45	3 declined non compliant. 199 received. 2 returned without review. 3 moved to PSD. 2 received from PSD. 196 total reviewed. 21 351 received. 2 withdrawn. 5 non compliant. 58 selected
2020 Future Investicators in NASA Earth and Soace Science and Technology Earth 2020 Future Investigators in NASA Earth and Space Science and Technology Helio 2020 Future Investigators in NASA Earth and Space Science and Technology Planetary 2020 Science activation Procram betweenting.	344 36 247 32	16 33	44% 13%	Cross Division Cross Division	45 45	36 received. 16 selected. 2 instrument/technology 7 DAP, 1 space weather science application, 6 theory
2020 Science Activation Program Integration 2020 Support for Open Source Tools, Frameworks, and Libraries 2020 Supplemental Open Source Software Awards	32 61 6 35	8 6	13% 100%	Cross Division Cross Division Cross Division		Includes two partial selections. 6 declined not compliant.
2020 Olizen Science Seed Funding Program 2020 Payloads and Research Investigations on the Surface of the Moon Step-1 2020 Payloads and Research Investigations on the Surface of the Moon Step-2	52 29	38 3	N/A 10%	Cross Division Cross Division Cross Division	N/A	8 declined not compliant. 2 declined not compliant.
2020 COVID-related Augmentations and Funded Extensions 2019 Astrophysics Decearch and Anabasis	171	95	56%	Cross Division		Nat Calinhard Tric Vene
2019 Astrochysics Research and Analysis 2019 Astrochysics Theory Program 2019 Swift Guest Investigator - Cycle 16 2019 Fermi Guest Investigator - Cycle 13	236 120 110	52 44	22% 37%	Astrophysics Astrophysics		Not Solicited This Vestr
2019 Fermi Guest Investigator - Cycle 13 2019 Strategic Astrophysics Technology 2019 Nancy Grace Roman Technology Fellowships 2019 NuSTAR General Observer - Cycle 6	110 see notes 2 173	see notes 2	see notes 100%	Astrophysics Astrophysics		Not Solicited This Year
2019 INSS IAW General Observer - Cycle 6 2019 ITSS Guest Investions r - Cycle 3 2019 INCER Guest Observer - Cycle 2 2019 INCER Guest Observer - Cycle 2 2019 Astrophysics Science SmallSat Studies 2019 Astrophysics Science SmallSat Studies	173 155 91 32	42 46 52	30% 57%	Astrophysics Astrophysics		
2019 System-Level Segmented Telescope Design - Technology Maturation	32	2	25% 67%	Astrophysics Astrophysics		

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2019 Lan 2019 Phy	d Cover Land Use Change Step-1 d Cover Land Use Change Steo-2 sical Oceanggraphy	30 25 40	29 9 8	N/A 36% 20%	Earth Science Earth Science Earth Science		Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2 6 full selections 2 partial selections
2019 Oce 2019 Sea 2019 Sur	sical Oceanography an Salinity Science Team Lewel Change Science Team face Water and Ocean Topography Science Team face Water and Ocean Topography Science Team feling Analysis and Prediction	30 15 68 19	11 7 17 10	37% 47% 25% 53%	Earth Science Earth Science Earth Science Earth Science		One declined as non compliant. Two partial selections included in the 11/30 8 out of the 7 selected were not fully funded. The 17 selected includes 2 partial selections.
2019 Aur 2019 Ten 2019 The	a Science Learn restrial Hydrology Soil Mojesura Active Pessive Mission Science Tearn	66 53 103	17 11 29	26% 21% 28%	Earth Science Earth Science Earth Science		17 Includes one partial selection.
2019 Ear 2019 GR	ante and Antiospheric Dynamics th Surface and Interior ACE-FO Science Team	85 60 38	20 14 21	24% 23% 55%	Earth Science Earth Science Earth Science		
2019 Airt	id Response and Novel Research in Earth Science orne Instrument Technoloov Transition rdisciplinary Research in Earth Science th Science Research from Operational Geostationary Satellite Systems	6 14 118 152	4 4 35 27	67% 29% 30% 18%	Earth Science Earth Science Earth Science		
2019 ICE 2019 Glo	Sat-2 Research bal Navigation Satellite System Research	152 96 24 52	24 11 23	25% 46% 44%	Earth Science Earth Science Earth Science		includes 6 partial sefections.
2019 Und 2019 Adv 2019 Inst	terstanding Changes in High Mountain Asia ancing Collaborative Connections for Earth System Science rument Incubator Program	38 72 70	11 19	11% 15% 27%	Earth Science Earth Science		
2019 Utili 2019 Dec	tainable Land Imaging - Technology zation of Airborne L- and S- Band Synthetic Aperture Radar Imagery over adal Survey Incubation Study Teams: Pfanetary Boundary Layer and Surface 1	45 62	11 25	50% 24% 40%	Earth Science Earth Science Earth Science		2 were declined as non compliant
2019 Heli 2019 Heli	ophysics Supporting Research Step-1 ophysics Supporting Research Step-2 ophysics Theory, Modeling, and Simulations Step-1	140 122 64	140 30 64	25% N/A	Heliophysics Heliophysics Heliophysics		Step-1 all "Invited" one Step-2 procosal was declined as non compliant. Step-1 all "Invited"
019 Heli 019 Heli	ophysics Theory, Modeling, and Simulations Step-2 ophysics Guest Investigators Open Step-1 ophysics Guest Investigators Open Step-2 ophysics Living With a Star Science Step-1	54 146 128 73	14 146 30 73	26% N/A 23% N/A	Heliophysics Heliophysics Heliophysics Heliophysics		Step-1 all "Invited" 8 declined as non comoliant Steo-1 all "invited"
2019 Heli 2019 Spa 2019 Spa	lophysics Living With a Star Science Step-2 ce Weather Science Applications Operations 2 Research Step-1 ce Weather Science Applications Operations 2 Research Step-2	65 56 48	26 56 13	40% N/A 27%	Heliophysics Heliophysics Heliophysics		Step-1 all "invited"
	ophysics Technology and Instrument Development for Science ophysics Flight Opportunities for Research and Technology no With a Star Strategic Capabilities ophysics Data Environment Emphasis Step-1	31 42 see notes 18	12 15 see notes 18	36% 36% see notes N/A	Heliophysics Heliophysics Heliophysics Heliophysics		one declined non compliant. Not solicited in ROSES-2019 Steen 1 all "Intellet"
019 Heli 019 Heli	ophysics Data Environment Emphasis Step-2 ophysics U.S. Participating Investigator or Heliosohere Guest Investigators Steo-1 er Heliosohere Guest Investigators Steo-2	15 see notes 19	11 see notes 18	73% see notes N/A	Heliophysics Heliophysics Heliophysics Heliophysics		Not solicited in ROSES-2019 Che Steo I was declined as non compliant One Steo 2 was declined as non compliant
019 Hei 019 Hei	er Helioschere Guest Investidators Step-2 ophysics System Observatory Data Support ophysics System Observatory - Connect Step-1 ophysics System Observatory - Connect Step-2	16 6 17 14	5 4 17 4	N/A	Heliophysics Heliophysics Heliophysics Heliophysics		One Step-2 was declined as non compliant Step-1 all "hvited"
019 Em	erging Worlds Step-1 erging Worlds Step-2	138 100	130 23	N/A 23%	Planetary Planetary	N/A 244	4 declined non compliant. Of those 23 selected 5 were partial selections.
2019 Exc 2019 Soli 2019 Soli 2019 Dev	biology ar System Observations Step-1 ar System Observations Step-2 elopment and Advancement of Lunar Instrumentation Program Step-1	159 66 49 51	18 65 9 49	11% N/A 18% N/A	Planetary Planetary Planetary Planetary	259 N/A 151 N/A	7 declined non combinant.
019 Dev 019 Lab 019 Lab	elopment and Advancement of Lunar Instrumentation Program Step-2 oratory Analysis of Returned Samples Step-1 oratory Analysis of Returned Samples Step-2	44 31 23	5 25 6	11% N/A 26%	Planetary Planetary Planetary	1027 N/A 634	one declined non compliant Plus one partial selection. Two declined non compliant. Award sizes range from ~100K-1M
019 Plas 019 Plas 019 Cas 019 Cas	netary Data Archiving, Restoration, and Tools Step-1 netary Data Archiving, Restoration, and Tools Step-2 sini Data Analysis Step-1 sini Data Analysis Step-2	144 112 85 61	139 18 85 18	N/A 16% N/A	Planetary Planetary Planetary Planetary	N/A 150 N/A 187	
2019 Nev 2019 Lun	v Frontiers Data Analysis Step-2 ar Data Analysis Step-1 ar Data Analysis Step-2	27 62 31	11 59 8	41% N/A 26%	Planetary Planetary Planetary	159 N/A 127	
	netary Science and Technology Through Analog Research Step-1 netary Science and Technology Through Analog Research Step-2 covery Data Analysis Step-1	81 49 57 43	69 6 56 8	N/A 12% N/A 19%	Planetary Planetary Planetary	N/A 761 N/A 158	
019 Mar 019 Plar	covery Data Analysis Step-2 © Data Analysis Step-1 © Data Analysis Step-2 netary Instrument Concepts for the Advancement of Solar System Observation	163 103 128	129 21 116	N/A 20% N/A	Planetary Planetary Planetary Planetary	N/A 160 N/A	
019 Plan	netary Instrument Concepts for the Advancement of Solar System Observations netary Protection Research netary Major Equipment and Facilities: Stand-alone proposals	97 see notes see notes	see notes see notes	see notes	Planetary Planetary Planetary	299 N/A N/A	One of the selections was a feasibility study. Average annual award size of the other 11 = 321 Not selicited in ROSES-2019 Not selicited in ROSES-2019
019 Inte 019 Inte	netary Science Early Career Award Program rdisciplinary Consortia for Astrobiology Research Step-1 rdisciplinary Consortia for Astrobiology Research Step-2 pos Clipper Gravity/Radio Science Team	46 30 44	34 6 8	17% N/A 20% 18%	Planetary Planetary Planetary Planetary	823	Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2 in addition to the 6 listed, there were also two "partially" selected 1/11 for Team Lead 7/33 for Co-1
019 Aka	tsuki Particioatina Scientist Program Mandatory NOI tsuki Participating Scientist Program Proposals s 2020 Participating Scientist Program Mandatory NOI s 2020 Participating Scientist Program Proposals	18 11 195 120	N/A 4 N/A	N/A 36% N/A	Planetary Planetary Planetary	N/A 191 N/A	
019 Sol	s 2020 Participating Scientist Program Proposals ar System Workings ical Workshops, Symposia, and Conferences	371 47	13 42 32	11% 11% 68%	Planetary Planetary Cross Division	83 176	13 selected includes 3 from foreign organizations Proposers are instructed to contact funding program manager, most proposals are not submitted without
019 Exc 019 Hat 019 Hat	olanets Research Program idtable Worlds Step-1 idtable Worlds Step-2	see notes 111 65 21	see notes 70 7	see notes N/A 11%	Cross Division Cross Division Cross Division		not solcited in ROSES-19 see Second Expolanets Research Program in 2018 Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019 Apc	slied Information Systems Research Step-1 lied Information Systems Research Step-2 ure Investigators in NASA Earth and Space Science and Technology	17 797	18 2 131	N/A 12% 16%	Cross Division Cross Division Cross Division		Steo-1 merelv 'encouraced' vs. discouraced. but all may proceed to submit a Steo-2 Steo-2 processits were due 41/7/2020 Astro = 20/158, Earth = 63/341, Helio = 14/44, Planetary = 34/254
018 Sec 018 Astr	rophysics Data Analysis cond Astrophysics Data Analysis rophysics Research and Analysis	246 247	53 38	22% 15%	Astrophysics Astrophysics	122	6 Declined as Non-Compliant. This takes the place of the 2019 solicitation, it was added to ROSES-2018 to maintain the normal schedule Plus 19 oardis elections. Including partial selections the rate is 30%.
		164	31	19%	Astrophysics		
	rophysics Science SmallSatt Studies rophysics Theory Program mit Guest Investigator - Cycle 12 Suest Observer - Cycle 7	164 38 see notes 97 see notes	9 see notes 35	24% see notes 36%	Astrophysics Astrophysics Astrophysics	144 N/A	Not Solicited This Year Number submitted based on Phase-1 via ARK RPS
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018 Fen 018 K2 018 LIS 018 Nar 018 NIC 018 NuS 018 SOI 018 Stra	in Guiset Investigator - Cycle 12 Guiset Diseaver - Cycle 7 Pregnantory Science AP Pregnantory Science BE Guiset Diseaver - Cycle 1 TAR Guiset Chieser - Cycle 1 TAR Guiset Chieser - Cycle 1 TAR Guiset Chieser - Cycle 5 TAR Sugest Chieser - Cycle 5 TAR Sugest Chieser - Cycle 5 TAR Sug	38 see notes 97 see notes 30 1 84 198 6	9 see notes 35 see notes 9 1 49 67 0 12	24% see notes 36% see notes N/A 100% 58% 41% 40%	Astrophysics	N/A 219	Not Solicited This Year Vernifer Jackmitted based on Phase 1 via ABK RPS Vernifer Jackmitted based on Phase 1 via ABK RPS Vernifer Jackmitted Cased on Phase 2 via ABK RPS Vernifer submitted based on Phase 1 via ABK RPS Vernifer submitted based on Phase 1 via ABK RPS
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1982 1982	In Carel Treestands** Cycles 129 In Carel Treestands** Cycles 129 In Carel Treestands** Cycles 129 In Pagestands** Science** Cycles 169 In Carel Treestands** Cycles 169 In	388	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	26% 160 160 160 160 160 160 160 160 160 160	Association Associ	286 A	Note Section That Year Not Societied That Year Sanddarin York Technolog Place one cardial selection Place one cardial selection John one partial selection Of the 10 apartics one was to a foreign proposer. Place one partial selection Of the 10 apartics one was to a foreign proposer. Place one partial selection 14 selected include three partial selections 14 selected include three partial selections 15 the trends only. 16 the 18 section on one partial selections The 8th section on was and selections The 8th section on was not administration of those decirons on was non-content. The total selected include three partial selections The 8th was funded later by Physical Consportation in was added to ROSSE 2018 to manners the normal scheduler of the 2019 societation, it was added to ROSSE 2018 to manners the normal scheduler of the 2019 societation, it was added to ROSSE 2018 to manners the normal scheduler of the 2019 societation of those decirons on was non-content Proposers are instructed to cortex funding propagam manager, most proposal are not submitted without. The 8th was funded later by Physical Oceanoproschy strongam funds. Place four more partial selections
1985 1985	In Carel Treestable C. Vojes 127 Pagestatisty Science C. Vojes 127 Pagestatisty Science C. Vojes 127 Pagestatisty Science C. Vojes 127 A Read Chemical Control Con	388	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	26% 1997 1997 1997 1997 1997 1997 1997 199	Association Associ	286 286 381 122 102 102 102 102 102 102 102 102 10	Notes and Table Value Notes and the Value Notes of Secretary to the Control of Secretary Value of Secretar
10	In Carel To investigate C. yoles 12 Pagestatery Science C. yoles 12 Pagestatery Science C. yoles 12 Pagestatery Science C. yoles 12 A Read Street, Code S	38	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	26% 1997 1997 1997 1997 1997 1997 1997 199	Association Associ	286 219 229 229 229 229 229 229 229 229 229	New Section This Year. New Societies and Philippe Committee Standard This ARK RPS Not Societies The Year S Not Societies This Year S Not

2018	Terrestrial Ecology DSCOVR Science Team	72 29	17 13	24% 45%	Earth Science Earth Science	154	
2018	HCONTRESS Science Team Advanced Information Sustains Technology	73 100	15 22		Earth Science Earth Science		
2018 2018	Remote Sensing Theory for Earth Science Plankton. Aerosol. Cloud. Ocean Ecosystem (PACE) Mission System Vicarious Carbon Monitoring System: Continuing Prototype Product Development	4 54	2 15	50% 28%	Earth Science Earth Science		
	Heliophysics Data Environment Enhancements Steo-1 Heliophysics Data Environment Enhancements Steo-2	9	6	N/A 100%	Heliophysics Heliophysics	N/A 59	
	Heliophysics - Early Career Investigator Program Step-1 Heliophysics - Early Career Investigator Program Step-2 Heliophysics Guest Investigators Steo-1 Heliophysics Guest Investigators Steo-1	101 50 160	9 159	18% N/A	Heliophysics Heliophysics Heliophysics	N/A N/A	9 full selection and three partial selections
	Telefortwise Guest Investigators Step 2 Heliophysics Living With a Star Science Step 1 Heliophysics Living With a Star Science Step 2	142 120 104	37 120 29	28%	Heliophysics Heliophysics Heliophysics	N/A	two declined as non compliant.
2018 2018 2018	Heliophysics Phase I DRIVE Science Centers Step-1 Heliophysics Phase I DRIVE Science Centers Step-2 Heliophysics Space Weather Operations-to-Research	44 39 19	43 9 9	23% 47%	Heliophysics Heliophysics Heliophysics	N/A	
2018 2018 2018	Second Heliophysics Space Weather Operations-to-Research Steo-1 Second Heliophysics Space Weather Operations-to-Research Steo-2 Heliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-2	12 12 190	12 7 189	N/A 58% N/A	Heliophysics Heliophysics Heliophysics	N/A N/A	Step-1 break out by discipline: HSPHR: 42. ITM: 19. MAG: 71. Sun: 58
2018 2018 2018	Heliophysics Supporting Research Step-2 Heliophysics Technology and Instrument Development for Science Step-1 Heliophysics Technology and Instrument Development for Science Step-2	169 92 74	33 92 4	20% N/A	Heliophysics Heliophysics Heliophysics	N/A	Step-1 break out by discipline: HSPHR: 42, ITM: 19, MAG: 71, Sun: 58 Step-2 break out by discipline: HSPHR: 8/37, ITM: 4/18 , MAG: 12/59 , Sun: 9/54
2017	Astrophysics Data Analysis Astrophysics Research and Analysis	264 169	43 36	16%	Astrophysics Astrophysics		52 total selections, of which 14 were partial selections.
	Astrophysics Theory Program Fermi Guest Investigator - Cycle 11 Phase-1 K2 Guest Observer - Cycle 6 Phase-1	219 138 69	51 41 65	23% 30%	Astrophysics Astrophysics Astrophysics		Four proposals were declined as non compliant. 138 proposals were received for Fermi Code 11 via ARK RPS 02/23/2018. That includes 5 Large Project 55 proposals were ranked *Codor of better and received dixel resources.
	K2 Guest Observer - Cycle 6 Phase-2 Nancy Grace Roman Technology Fellowships NuSTAR Guest Observer - Cycle 4	42 2 196	23 0 83	55%	Astrophysics Astrophysics Astrophysics		The two proposals that were submitted were declined as non-compliant
	Strategic Astronomics Technology Swift Guest Investigator - Cycle 14 Theoretical and Computational Astrophysics Networks Transiting Exoplanet Survey Satellite Cycle-1	25 146	11 30	21%	Astrophysics Astrophysics		8 were from non-US organizations and thus not funded and 1 belongs to a category of unfunded proposals
2017 2017 2017	Transiting Exoplanet Survey Satellite Cycle-1 Exoplanets Research Program Steo-1 Exoplanets Research Program Steo-2	143 146 111	38 145	9% 27% N/A 17%	Astrophysics Astrophysics Cross Division Cross Division	N/A	One proposal declined non compliant. Of those selected 4 were orgarams from non-US Organizations and thus not eligible for funding
2017	Exposariets Research Prodram Steb-2 Habitable Worlds Steb-1 Habitable Worlds Steb-2 Topical Workshops, Symposia, and Conferences	101 46	19 59 8	N/A 17%	Cross Division Cross Division	148 N/A 186	
		88 39	12 5	59% 14% 13%	Cross Division Earth Science Earth Science Earth Science		52 NOIs were submitted.
2017 2017 2017	Advancing Collaborative Connections for Earth System Science Atmoscheric Composition: Laboratory Research Computational Modeling Algorithms and Cyberinfrastructure Cryospheric Science	20 13 67	5 13	40% 38% 19%	Earth Science		10 NOIs submitted
	Chospheric Science CYGNSS Competed Science Team Earth Science Applications: Health and Air Quality Earth Surface and Interior	44 62 39	14 11 13	33%	Earth Science Earth Science Earth Science		
2017	Earth Venture Suborbital-3 Fire Impacts on Recional to Global Scales: Emissions, Chemistry, Transport, and In-space Validation of Earth Science Technologies	30 38 25	5 17 4	17% 45% 16%	Earth Science Earth Science Earth Science		One of the 5 was a partial selection Only 9 were fully funded. One proposal was from a foreign organization 7 were partially funded.
	Land CoveriLand Use Chance Making Earth Systems Data Records for Use in Research Environments New (Earth Career) Investigator Program in Earth Science	33 96 141	8 24 33	23%	Earth Science Earth Science Earth Science		One declined non compliant. One declined non compliant.
	Ocean Salinity Science Team Ocean Vector Winds Science Team Physical Oceanography	28 48 27	7 15 12	25% 31% 44%	Earth Science Earth Science Earth Science		2 declined non compliant 28 NOIs submitted
2017	Rapid Response and Novel Research in Earth Science SAGE III/ISS Science Team Science Team for the OCO Missions	5 34 41	2 10 17	40% 29% 41%	Earth Science Earth Science Earth Science		4 declined non compliant Plus four proposals from foreign prospirations not eligible for NASA funding
2017	Solar Irradiance Science Team	11 92 230	8 20 66	73% 22% 29%	Earth Science Earth Science Earth Science		10 NOIs were submitted. Proposals came in 10/06/2017. One proposal was declined as non compliant. 17 fully funded, 3 partially funded.
2017 2017 2017	refrestrait rygroxogy The Science of Terra. Acua. Suomi. NPP. and JPSS Helicohvsics Guest Investicators Steo-1 Helicohvsics Guest Investicators Step-2 Helicohvsics Infrastructure and Data Environment Enhancements Step-1	193 175 15	191 32 11	N/A 18% N/A	Heliophysics Heliophysics Heliophysics	N/A	Sun = 12/69; MAG = 10/53 (incl a partial); ITM =4/20 (incl a partial); HSPH = 6/33
2017 2017 2017	Heliophysics Intrastructure and Data Environment Enhancements Steo-2 Heliophysics Living With a Star Science Step-1 Heliophysics Living With a Star Science Step-2	9 136 117 21	9 136 30	100% N/A 26%	Heliophysics Heliophysics Heliophysics	53 N/A	
2017	Heliophysics Scace Weather Operations-to-Research Heliophysics Supporting Research Steo-1 Heliophysics Supporting Research Step-2	198 177	8 198 37	38% N/A	Heliophysics Heliophysics Heliophysics		2 proposals are under consideration for funding by another Agency. The 37 (21%) selected doesnt include the 7 partial selections. Sun 56 submitted, 12 selected, 3 partially
2017	Heliophysics Technology and Instrument Development for Science Step-1 Heliophysics Technology and Instrument Development for Science Step-2 Magnetospheric Multiscale Guest Investigators Step-1	101 88 54	100 33 54	N/A 38%	Heliophysics Heliophysics Heliophysics		
2017	Magnetospheric Multiscale Guest Investigators Step-2 Cassini Data Analysis Step-1 Cassini Data Analysis Step-2	47 92 73	16 84 20	34% N/A	Heliophysics Planetary Science Planetary Science	N/A 120	Two declined as non compliant.
	Discovery Data Analysis Step-1 Discovery Data Analysis Step-2 Emercing Worlds Step-1	54 35 172	53 7 158	N/A	Planetary Science Planetary Science Planetary	N/A 165 N/A	
2017	Emercino Worlds Steo-2 Exobiology Steo-1 Exobiology Steo-2	128 200	30 177	23% N/A 20%	Planetary Planetary Science Planetary Science		The 30 (23%) selected dont include 5 partial selections The 27 (20%) selected does include the three partially selected.
	InSight Participating Scientist Program Laboratory Analysis of Returned Samples Step-1 Laboratory Analysis of Returned Samples Step-2	150 67 27 22	30 19 27	28% N/A	Planetary Science Planetary Science	N/A	Plus four proposals from foreign organizations are selectable and under consideration for funding by a
	Lunar Data Analysis Step-1 Lunar Data Analysis Step-2 Mars Data Analysis Step-1	22 65 48 154	6 64 11 131	N/A 23% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	N/A 127	Pus three cartial selections
	Mars Data Analysis Step-2 OSIRIS REx Participating Scientists Program Step-1 OSIRIS REx Participating Scientists Program Step-2	154 103 79	77	20%	Planetary Science Planetary Science Planetary Science	N/A 131 N/A	Two were from foreign proposers
2017	Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	61 108 80 136	13 100 16 125	NA 20% NA	Planetary Science Planetary Science Planetary Science	157	olus one partial selection not included in data to the left 2 non-compliant. 9 discouraged.
2017		136 106 14 60	12 1 49		Planetary Science Planetary Science Planetary Science	308 97 N/A	1 was fully selected, four were partially selected, and one was declined as non compliant. The remainder
2017 2017 2017	Planetary Protection Research Planetary Science and Technology Through Analog Research Steo-1 Planetary Science and Technology Through Analog Research Step-2 Solar System Observations Step-1 Solar System Observations Step-1 Solar System Observations Step-2	47 90 71	6 90 19	13% N/A 27%	Planetary Science Planetary Planetary	820 N/A	wide range of award sizes plus 5 partial selections in NEOO not included in the 19 listed. Avo award size for 10 PAST selections is
2017	Solar System Workings Rosetta Data Analysis Step-1	366 45 31	74 43 9	20% N/A 29%	Planetary Planetary Planetary	146 N/A	one non compliant and one discouraged
2016	Astrophysics Data Analysis Astrophysics Explorers LLS Participating Investigators	238 1 28	52 0 10	22%	Astrophysics Astrophysics		One declined non compliant. 3 Proposals not reviewed as non-responsive/non-compliant. Total of awards: 17,900,460 over the period
	Astrophysics Probe Mission Concept Studies Astrophysics Research and Analysis Astrophysics Theory Program Expolanet Research Program Step-2 Astro only, redundant with Xdiy XRP row	140 200 50	54 31 9	39% 16% 18%	Astrophysics Astrophysics Astrophysics Astrophysics	162	16 of there were partial awards.
2016 2016 2016	Exoplanet Research Program Step-2 Astro only, redundant with Xdiv XRP row Fermi Guest Investigator - Cycle 10 K2 Guest Observer - Cycle 5 Step-1 K2 Guest Observer - Cycle 5 Step-2	183 104 91	42 104 24	23% N/A 26%	Astrophysics Astrophysics Astrophysics Astrophysics		See also https://keplerscience.arc.nasa.gov/ 4 foreign PTs selected with no funding.
2016 2016 2016	K2 Guest Observer - Cycle 5 Step-2 Nancy Grace Roman Technology Fellowships NuSTAR Guest Observer - Cycle 3 Strategic Astrophysics Technology	N/A 216 30	N/A 47 9	N/A 22% 30%	Astrophysics Astrophysics	NA	Not solicited this year 47 awards include foreign investigators, 33 proposers from US organizations received funds.
2016 2016 2016	Swift Guest Investigator - Cycle 13 Excolanets Research Program Step-1 Fxonlanets Research Program Step-2	156 140 110	23 139 20	30% 15% N/A 18%	Astrophysics Astrophysics Cross Division Cross Division		Plus a couple of partial selections
2016 2016	Habitable Worlds Step-1 Habitable Worlds Step-2	117 61 41	66 14 41	NA 23% NA	Cross Division Cross Division Cross Division	NA 175 NA	
2016 2016 2016	Interdisciplinary Science For Eclipse 2017 Step-2 Topical Workshops, Symposisia, and Conferences Land Cowell and Like Change Step-1	39 51 53	11 42 27	28% 82%	Cross Division Cross Division Earth Science	95	Proposers are instructed to contact funding program manager, most proposals are not submitted without
2016 2016 2016	Land CoverfLand Use Change Step-2 Ocean Biology and Biogeochemistry-1 Ocean Biology and Biogeochemistry-2	25 67 49	9 65 13	36% NA	Earth Science Earth Science Earth Science		
2016 2016 2016	Terrestrial Ecology Carbon Cvole Science Carbon Monitorina System	34 135 76	9 28 16	26% 21% 21%	Earth Science Earth Science		
2016 2016 2016	Physical Oceanography Ocean Salinity Science Team Sea Level Change Science Team	34 38 20	11 17 8	32% 45% 40%	Earth Science Earth Science Earth Science		
2016 2016 2016	Ocean Surface Topography Science Team Modelina, Analysis, and Prediction Atmospheric Composition: Upper Atmospheric Composition Observations	56 161 35	26 39 24	46% 24% 69%	Earth Science Earth Science Earth Science		
2016 2016	Cloud and Aerosol Monsoonal Processes - Philippines Experiment Atmospheric Composition: Aura Science Team and Atmospheric Composition Mon Towardial Huttelan.	32 100 29	14 39 14	44% 39% 48%	Earth Science Earth Science Earth Science		
2016	Reneation Production Weather and Ammostheric Dynamics Earth Surface and Interior Rapid Response and Novel Research in Earth Science Applied Science - Water Resources Step-1	68 45 13	28 18 6	41% 40% 46%	Earth Science Earth Science Earth Science		
2016 2016 2016	Applied Science - Water Resources Step-1 Applied Science - Water Resources Steo-2 losBridge Science Team Studies with ICESat and CryoSat-2	75 45 16	44 8 6	59% 18% 38%	Earth Science Earth Science Earth Science		
2016	Airborne Instrument Technology Transition Earth Science U.S. Participating Investigator	28 24 17	13 4 7	46% 17% 41%	Earth Science Earth Science Earth Science		
2016 2016 2016	Interdisciplinary Science NASA Data for Operation and Assessment Remote Sensing of Water Quality	96 56 44	28 15 9	29% 27% 20%	Earth Science Earth Science Earth Science		
2016 2016 2016	Utilization of Airborne Visible/Infrared Imaging Spectrometer - Next Generation Advanced Information Systems Technology Instrument Incubator Program	27 137 80	10 21 19	37% 15%	Earth Science Earth Science Earth Science		
2016 2016 2016	Earth Science Applications: Ecological Forecasting Citizen Science for Earth Systems Program Space Geodesv Research Program	33 103 8	13 16 4	39% 16% 50%	Earth Science Earth Science Earth Science		
2016 2016 2016	Group on Earth Observations Work Programme Earth Science Applications: Food Security and Agriculture Heliophysics Grand Challenges Research Step-1	111 12 44	33 1 44	30% 8% NA	Earth Science Earth Science Heliophysics		
2016 2016 2016	Heliophysics Grand Challenoes Research Steo-2 Heliophysics Guest Investigators Step-1 Heliophysics Guest Investigators Step-2	40 198 181	10 197	25% NA 17%	Heliophysics Heliophysics Heliophysics		Plus four partial selections
	Heliophysics Infrastructure and Data Environment Enhancements Step-1 Heliophysics Infrastructure and Data Environment Enhancements Step-2 Heliophysics Living With a Star Science Step-1 Heliophysics Living With a Star Science Step-2	28 24 74	30 28 7 74	N/A 29% 100%	Heliophysics Heliophysics	N/A 53	
2016	Heliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-2	63 235 211	21 233 31	33% N/A 15%	Heliophysics Heliophysics Heliophysics		
2016	Heliophysics Technology and Instrument Development for Science Steo-1 Heliophysics Technology and Instrument Development for Science Steo-2 Heliophysics U.S. Participating Investigator Steo-1	87 71 7	86 16 7	N/A 23% N/A	Heliophysics Heliophysics Heliophysics		
2016	Heliophysics U.S. Participating Investigator Step-2 Magnetospheric Multiscale Guest Investigators Step-1 Magnetospheric Multiscale Guest Investigators Step-1 Magnetospheric Multiscale Guest Investigators Step-2	5 57 40	2 55 10	40% NA 25%	Heliophysics Heliophysics Heliophysics		
2016	Cassini Data Analysis Step-1 Cassini Data Analysis Step-2	87 66 104	71 12 104	N/A 18% N/A	Planetary Science Planetary Science Planetary	N/A N/A	
2016 2016 2016	Concepts for Ocean worlds Life Detection Technology Step-1 Concepts for Ocean worlds Life Detection Technology Step-2 Discovery Data Analysis Step-1 Discovery Data Analysis Step-1	104 83 55	104 16 53	19% N/A	Planetary Planetary Planetary Science	N/A	was discouraged from this program but redirected and 1 was discouraged as non-compliant

2016	Discovery Data Analysis Steo-2 Dynamic Power Convertors for Radioisotope Power Systems Steo-1 Dynamic Power Convertors for Radioisotope Power Systems Steo-2	34 17 14	10 16 4	N/A 29%	Planetary Science Planetary Planetary	N/A	obus one partial selection not included in data to the left Phase 1s were around \$800k each. Total cost estimates for Phase 1.2. and 3. all came in at around \$3M
2016 2016 2016 2016	Emerging Worlds Step-1 Emerging Worlds Step-2 Exobioloav Step-1 Evolution Step-2	204 155 239 173	201 34 217 27	N/A 22% N/A 16%	Planetary Planetary Planetary Science Planetary Science	N/A 177 N/A 178	This does not include stand alone PMEs which are funded from a separate source. One of the 34 selections Plus three parial selections not included in the 27 selected to the left.
	Excelanet Research Program Stee-2 PSD only, redundant with Xdiv XRP row Hot Coerating Temperature Technology Laboratory Analysis of Returned Samples Stee-1 Laboratory Analysis of Returned Samples Stee-2	60 30 31 28	11 12 31	18% 40% N/A 43%	Planetary Science Planetary Science Planetary Science Planetary Science	123 600 N/A 252	Pilus one partial selection
2016	Laboratory Analysis of Returned Samples Step-2 Lunar Data Analysis Step-1 Lunar Data Analysis Step-2 Mars Data Analysis Steo-1	63 48 166	63 10 156	N/A 21% N/A	Planetary Science Planetary Science Planetary Science	N/A 120 N/A	
2016 2016 2016	Mars Data Analysis Steo-2 Maturation of Instruments for Solar System Exploration (MatISSE) Steo-1 Maturation of Instruments for Solar System Exploration (MatISSE) Steo-2 New Frontiers Data Analysis Program Step-1	118 80 62 50	79 8 33	13% NA	Planetary Science Planetary Science Planetary Science Planetary Science	N/A	Plus two partial selections
2016 2016 2016	New Frontiers Data Analysis Program Step-2 Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	27 116 89 119	113 19 113	22% N/A 21%	Planetary Science Planetary Science Planetary Science Planetary Science	N/A 146	Plus two partial selections
2016 2016 2016	Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Science and Technolow Through Analog Research Step-1 Planetary Science and Technology Through Analog Research Step-2 Planetary Science Deep Space SmallSat Studies NOTs	85 82 50 107	17 62 6 107	20% N/A 12% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	311 N/A	5 declined as non compliant wide range of award sizes
2016 2016	Planetary Science Deep Space SmallSat Studies Step-2 Solar System Observations Step-1 Solar System Observations Step-2	102 110 90	19 104 30	19% N/A 33%	Planetary Science Planetary Planetary	348 N/A N/A	plus 5 partial selections
2016	Solar System Workings Step-1 Solar System Workings Step-1 Solar System Workings Step-2 Astrophysics Data Analysis Astrophysics Research and Analysis Astrophysics Research and Analysis Astrophysics Research and Satrophysics Machanis	299 252 159	376 60 51 54	20% 20% 34%	Planetary Planetary Astrophysics Astrophysics	156 120	
	Astrophysics Theory Program Excellent Research Program Step-2 Astro only, redundant with Xdiv XRP row Fermi Guest Investigator - Cycle 9 K2 Guest Observer - Cycle 3 Step-1 K2 Guest Observer - Cycle 3 Step-2	N/A 39 184 83	N/A 6 36 N/A 31	15% 20% N/A	Astrophysics Astrophysics Astrophysics		not solicited this wear this line is redundant with Xdv XRP line, its here so that one can see all of the APD selections in one place.
2015 2015 2015 2015	K2 Guest Diseaver - Cycle 3 Step 2 K2 Guest Diseaver - Cycle 4 Step 2 K2 Guest Diseaver - Cycle 4 Step 2 K2 Guest Diseaver - Cycle 4 Step 2 K3 Guest - Cycle 4 Step 2 K3 Guest - Cycle 4 Step 2 K3 Guest - Cycle 4 Guest - Cycle 4 Guest - Cycle 4 K3 Guest - Cycle 4 Guest - Cycle 4 K3 Guest - Cycle 4 Guest - Cycle 4 K3 Guest - Cy	75 127 109 5	31 N/A 36 3	41% N/A 33%	Astrophysics Astrophysics Astrophysics Astrophysics		
2015 2015 2015 2015	NuSTAR Guest Observer - Cycle 2 SOFIA Third Generation Science Instrument Step-1 SOFIA Third Generation Science Instrument Step-2 Strategic Astrophysics Technology	185 4 3 29	50 N/A 2 7	27% N/A	Astrophysics Astrophysics Astrophysics Astrophysics	8.43	
2015 2015 2015	Swift Guest Investigator - Cvcle 12 WFIRST Science Investigation Teams and Adjutant Scientists Expolainet Research Program Step-1	185 38 137 112	29 8 N/A	16% 21% N/A	Astrophysics Astrophysics Cross division	N/A	8 fully funded plus 5 partial selections as well. Astro funded 7 and PSD funded 13 and one pilot study so a total of 20 not including pilot study
2015 2015 2015	Excolanet Research Program Steo-2 Advancing Collaborative Connections for Earth System Science Biodivestity Carbon Monitoring System	52 21 68	8 7 15	18% 15% 33% 22%	Cross division Earth Science Earth Science Earth Science	114	Astro funded 7 and PSD funded 13 and one oilot study so a total of 20 not including oilot study
2015 2015 2015 2015	Cloudsat and CALIPSO Science Team Recompete Chyospheric Science Earth Science Applications: Socioeconomic Benefits Earth Surface and Interior	97 84 20 59	25 17 1 25	20% 5%	Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015 2015	GRACE and GRACE-FO Science Team Health and Air Quality Applied Sciences Team losBridge Observations In-Space Validation of Earth Science Technologies	32 58 8 24	20 13 5 4	63% 22% 63%	Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015	KORUS-AQ: An International Cooperative Air Quality Field Study in Korea Land Cover / Land Use Change Modeling Analysis; and Prediction	66 70 8 44	22 13 5	33% 19%	Earth Science Earth Science Earth Science Earth Science Earth Science		This program uses a binding two Step submission. The 13/70 reflects the fact that 70 were submitted to
	NASA ISRO Synthetic Apenture Radar mission Science Definition Team New Early Catreer! Investigator Program in Earth Science Ocean Biology and Bioseochemistry Physical Oceanography Physical Oceanography Precipitation Measurement Missions Science Team	115 71 37	20 22 15 8	45% 19% 21% 22% 44%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015	Satellite Calibration interconsistency Studies Science Utilization of the Soil Moisture Active-Passive Mission SERVIR Applied Sciences Team	136 65 117 43	60 12 37 16	18% 32% 37%	Earth Science Earth Science Earth Science		
	Surface Water and Ocean Topography Science Team Sustainable Land Imaging-Technology Understanding Changes in High Mountain Asia Heliophysics Guest Investigators Step-1	67 30 61 202	22 6 12 137	33% 20% 20% 68%	Earth Science Earth Science Earth Science Heliophysics	NA .	
2015 2015 2015	Heliophysics Guest Investigators Step-2 Heliophysics Infrastructure and Data Environment Enhancements Step-1 Heliophysics Infrastructure and Data Environment Enhancements Step-2 Heliophysics I joing With a Star Science Step-1	150 15 14 103	24 15 8 101	16% 100% 57%	Heliophysics Heliophysics Heliophysics	NA 51	In this program selected at Step-1 really is binding these were "imited" to submit a Step-2. Normally, Step-1
2015 2015 2015	Heliophysics Living With a Star Science Step-2 Heliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-2	92 377 251	20 226 46 134	22% N/A	Heliophysics Heliophysics Heliophysics	NA	SOLR = 14/78: MAG = 15/77; TIM = 6/30: HSPHR = 11/66 (three were returned as non-compliant)
2015	Helicohysics Technology and Instrument Development for Science Step-1 Helicohysics Technology and Instrument Development for Science Step-2 Cassini Data Analysis Step-1 Cassini Data Analysis Step-2 (Citizen science Asteroid Data, Education, and Tools Step-1	106 97 84 10	14 85 21	N/A 13% N/A 25% N/A	Heliophysics Heliophysics Planetary Science Planetary Science Planetary Science	116	
2015	Citizen science Asteroid Data. Education. and Tools Step-1 Citizen science Asteroid Data. Education. and Tools Step-2 Discovery Data Analysis Step-1 Discovery Data Analysis Step-2	50	10 2 47 9	N/A 25% N/A 23%	Planetary Science Planetary Science Planetary Science Planetary Science	NA 112 NA	This crooram is actually being run by another Directorate, see solicitation. This crooram is actually being run by another Directorate, see solicitation. Plus two partial selections
2015 2015 2015 2015	Emercina Worlds Step-1 Emercina Worlds Step-2 Exobiology Step-1 Evolution Step-2	39 169 132 247 190 72	164 29 225 30	N/A 22% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	NA 167 NA	There were 29 selections include three cartial selections one of which was a very narrow cilot to preserve a There were 30 selections include two descopes and three pilot studies. The average award size not
2015 2015 2015	Excolanet Research Program Steo-2 PSD only, redundant with Xdiv XRP row Habitable Worlds Step-1 Habitable Worlds Step-2	72 121 63 69	13 81 10 69	18% N/A 16%	Planetary Science Planetary Science Planetary Science	99 NA 151	This line is redundant with Xdiv XRP line, its here so that one can see all of the PSD selections in one place,
2015	Havabusa2 Participating Scientist Step-1 Havabusa2 Participating Scientist Step-2 Laborator Vandivsis of Returned Samples Step-1 Laborator Vandivsis of Returned Samples Step-2	46 22 18 71	9 20 8 70	N/A 44%	Planetary Science Planetary Science Planetary Science Planetary Science	NA 230	One is a partial selection The average award size in year 1 rances from ~\$85K to nearly \$600K
2015	Lunar Data Anahsis Steo-1 Lunar Data Anahsis Steo-2 Mars Data Anahvasis Steo-2 Mars Data Anahvasis Steo-1 Mars Data Anahvasis Steo-1 Mars Science Laboration Participating Scientist Program Steo-1	47 133 101	12 126 20	20%	Planetary Science Planetary Science Planetary Science Planetary Science	115 NA 102	
2015	Mars Science Laboratory Participating Scientist Program Step-1 Mars Science Laboratory Participating Scientist Program Step-2 New Frontiers Homesteader-1 New Frontiers Homesteader-2	105 88 134 84	104 28 117 8	N/A 32% N/A 10%	Planetary Science Planetary Science Planetary Science Planetary Science		Of the 28 selected four were not for NASA funding and four were partial selections.
2015 2015 2015 2015	Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Protection Research Planetary Science and Technology Through Analog Research Step-1	117 97 9 68	113 24 3 57	25% 33%	Planetary Science Planetary Science Planetary Science Planetary Science	112 152	one of the 24 was a partial selection, but it had no effect on the average award size. 3 were funded as proposed, two were one-year pilot studies.
2015 2015 2015	Planetary Science and Technology Through Analog Research Step-2 Solar System Observations Step-1 Solar System Observations Step-2	48 70 52 485	8 69 13 403	17% N/A 25%	Planetary Science Planetary Science Planetary Science	558 NA 118	Awards range from ~\$100K to ~\$1M
2014	Solar Svistem Workines Step-1 Solar Svistem Workines Step-2 Astrophysics Data Analysis Astrophysics Data Analysis Astrophysics Explorer U.S. Participating Investigators Astrophysics Research and Analysis	314 303 4 151	66 71 0	N/A 21% 23% 0%	Planetary Science Planetary Science Astrophysics Astrophysics	118	plus 10 partial selections
2014 2014 2014	Astrophysics: Theory Program Step-2 Astro only, redundant with Xdiv XRP row Extreme Precision Dopoler Spectrometer Instrument Step-1	216 62 6	32 14 N/A	23% N/A	Astrophysics Astrophysics Astrophysics	155	John TV patrons descendents
2014 2014 2014	Extreme Precision Doppler Spectrometer Instrument Step-2 Fermi Quest Investigator — Cycle 8 K2 Guest Observer — Cycle 1 Step-1 K2 Guest Observer — Cycle 1 Step-2	190 110 93	35 N/A 27	18% N/A 29%	Astrophysics Astrophysics Astrophysics Astrophysics		There were also 9 selected with no funding, presumably proposal from foreign organizations
2014	K2 Guest Observer – Cycle 2 Step-1 K2 Guest Observer – Cycle 2 Step-2 Nancy Grace Roman Technolow Fellowshios NuSTAR Guest Observer - Cycle 1	90 76 8 194	N/A 26 3 33	34% 38%	Astrophysics Astrophysics Astrophysics	166	There were also 9 selected with no funding, presumably croposal from foreign prearizations
2014	Strategic Astrophysics Technology Swift Guest Investigator – Cycle 11 WFIRST Preparatory Science Excelant Research Program Steo-1	28 168 53 169	10 32 17 163	36% 19% 32% 96%	Astrophysics Astrophysics Astrophysics Cross division	131	9 were fully funded, the 10th was a partial selection, wide range, from \$50K-\$200K
2014	Exoslanet Research Program Step-1 Exoslanet Research Program Step-2 Advanced Information Systems Technology Almospheric Composition: Laboratory Research Almospheric Composition: Underling and Analysis	169 134 124 45 95	24 24 13 18	18%	Cross division Earth Science Earth Science Earth Science		PSD funded 10 out of 72 = 14%, average award size = \$131K. Plus, later, PSD funded two more with a one
2014 2014 2014 2014	Atmospheric Composition: Spectral Climate Signal Carbon Monitoring System Climate Indicators and Data Products for Future National Climate Assessments Computational Modeling Algorithms and Cyberinfrastructure	21 71 94 23	7 15 25 7	33% 21% 27% 30%	Earth Science Earth Science Earth Science Earth Science	313	
2014 2014 2014	DSCOVR Earth Science Aloorithms Earth Science U.S. Participating Investigator GNSS Remote Sensing Science Team	19 20 30 21	9 7 10	47% 35% 33%	Earth Science Earth Science		
2014	HyspIRI Preparatory Airborne Activities and Associated Science: Coral Reef and Vi loeBridge Research (CESatZ Science Definition Team Land Cover / Land Use Change: Multi-Source Land Imaging Science	23 25 42	9 12 7	48% 39% 48% 17%	Earth Science Earth Science Earth Science Earth Science		
2014 2014 2014	Ocean Biology and Biodeochemistry. Ocean Color Remote Sensing Vicarious. Iln S Ocean Salmity Field Campaign Physical Oceanography Racid Response and Novel Research in Earth Science	12 21 35 15	12 7 5	20% 33%	Earth Science Earth Science Earth Science Earth Science		
2014 2014 2014 2014	Remote Sensina Theory for Earth Science Science Team for the OCO-2 Mission Severe Storm Research Solar Irradiance Science Team	118 47 37 13	22 21 12 7	32% 54%	Earth Science Earth Science Earth Science Earth Science		
2014 2014 2014 2014	Jerrestrial Ecology Weather Meanher Helicohvsics Guest Investigators Step-1 Helicohvsics Guest Investigators Step-2	101 37 117 90	21 12 95 37	21% 32% N/A	Earth Science Earth Science Heliophysics Heliophysics	N/A	Interface Region Imaging Spectrograph 9/21 selected. Open Data Development Element 20/51 selected.
2014 2014 2014	Heliophysics Infrastructure and Data Environment Enhancements Steo-1 Heliophysics Infrastructure and Data Environment Enhancements Steo-2 Heliophysics I Julyin Wilh a Star Science Steo-1	22 17 118 103	21 10 N/A 22	N/A 59% N/A	Heliophysics Heliophysics Heliophysics		1 discouraged Step-1 proposals in this program are not evaluated, selected or declined.
2014	Heliophysics Living With a Star Science Step-2 Heliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-2 Heliophysics Technology and Instrument Development for Science Step-1 Heliophysics Technology and Instrument Development for Science Step-2	323 221 98	168 39 N/A	N/A 18% N/A 16%	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics	N/A N/A	The 168 encouraged break down as follows: Heliosophere 45/91. TM = 2140. Magnetosophere = 41/105 and solumited orocosals break down as follows: Heliosophere 60. TM 24. Magnetosophere 61 and Solar 76. no Siteo-1 orocosals in this program are not evaluated. Selected or declined.
2014 2014 2014	Cassini Data Analvsis Stec-1 Cassini Data Analvsis Stec-2 Dawn at Ceres Guest Investigator Program Stec-1	85 101 78 80	14 100 19 N/A	N/A 24% N/A	Planetary Science Planetary Science Planetary Science	122 N/A	Only 1 Step-1 was discouraged for non compliance. Of the 78 proposals submitted to CDAPS, 18 US organizations were seleted, clus one foreign investigator Step-1 proposals in this program are not evaluated, selected or declined. 8 selected from US organizations and one to a foreign PT. The award sizes spanned a wide range
2014 2014 2014	Dawn at Ceres Guest Investigator Program Step-2 Discovery Data Analysis Step-1 Discovery Data Analysis Step-2 Emerging Worlds Step-1	32 27 219	9 30 9 196	N/A 33% N/A	Planetary Science Planetary Science	91 N/A 123 N/A	Is selected from US organizations and one to a foreion PL. The award sizes sonined a wide rance 1 was discourated from this program but redirected and 1 was discourated as non combinant Plus one partial selection. 19 were discouraged from this program but redirected and 4 were discouraged as non compliant 19 were discouraged from this program but redirected and 4 were discouraged as non compliant
2014 2014 2014	Emeraina Worlds Step-2 Exobioloay Step-1 Exobioloay Step-2 Exoblanet Research Program Step-2 PSD only, redundant with Xdiy XRP row	155 186 144 70	33 174 30 10	21% N/A 21% 14%	Planetary Science Planetary Science Planetary Science Planetary Science	N/A 183	One selection was bridee funding, and was done as an augmentation. First year budgets: mean = \$160, 9 were discouraged from this program but redirected and 3 were discouraged as non compilant. The 30 selected and the average award size for year 1 include 4 partial selections. PSD funded 10 up of 72 = 14%, evenpage award size = \$313K. Plus. later, PSD funded two more with a one
	Habitable Worlds Step-1 Habitable Worlds Step-2 Laboratory Analysis of Returned Samples Step-1	110 72 29	100 15 29	N/A 21% N/A	Planetary Science Planetary Science Planetary Science	N/A 160	10 were discouraged

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2014	aboratory Analysis of Returned Samples Step-2	24 82	9 72	38% N/A	Planetary Science Planetary Science	245 N/A	8 were discouraged from this program but redirected and 2 were discouraged as non-compliant
2014	unar Data Analysis Step-1 unar Data Analysis Step-2 Mars Data Analysis Step-1	51 139	14 N/A 28	27% N/A	Planetary Science	102 N/A	One was a descope, one other asked for 4 years but is only getting 3 (not exactly a descope). No one year
2014	Mars Data Analysis Steo-2 Maturation of Instruments for Solar System Exploration (MatISSE) Steo-1 Maturation of Instruments for Solar System Exploration (MatISSE) Step-2	104 55 44	54 5	N/A 11%	Planetary Science Planetary Science	N/A 937	Only one was discouraged as non compliant
2014	Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	143 105 112	23 N/A	N/A 22% N/A	Planetary Science Planetary Science Planetary Science	N/A	14 were discouraged from this program but redirected. The 105 is a combination of 100 proposals submitted to PDART directly and another 5 that were sent from Three were discouraged.
2014	Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Protection Research Planetary Science and Technology Through Analog Research Step-1	96 19 69	12 4 55	13% 21% N/A	Planetary Science Planetary Science Planetary Science	323 135	There were also three one year oilot studies. In this case the average award size is average of all years, not 14 were discouraged from this program but redirected
2014	Planetary Science and Technology Through Analog Research Step-2 Small, Innovative Missions for Planetary Exploration Step-1	45 56	7 50	16% N/A	Planetary Science Planetary Science	600 N/A	Awards ranged from ~S100K to ~S1M
2014 2014 2014	Small. Innovative Missions for Planetary Exploration Step-2 Solar System Observations Step-1 Solar System Observations Step-2	99 71	86 21	23% N/A 30%	Planetary Science Planetary Science Planetary Science	N/A 284	Two were fully selected, but three others were selected for technology development. 13 were discouraged from this program without redirect For SSO as a whole, the average is \$284K. For the NEOO part it's \$423K and for PAST (non-NEOO) it's
	Solar Svatem Workings Step-1 Solar Svatem Workings Step-2 Astroohysics Data Analysis	509 386	474 82	N/A	Planetary Science Planetary Science Astrophysics		36 were discouraced from this program but redirected. The averace award size is based on the 76 in the SSW portfolio, it doesn't include those that were moved 276 proposals submitted but 2 proposals were returned as non-responsive. 41 selected, including a partial
2013	Astrophysics Research and Analysis	276 177 198	38 27	21% 14%	Astrophysics Astrophysics	103	181 were submitted but only 177 were deemed compliant, 5 were partially funded
	remi Guest Investigator – Cocle 7 Drigins of Solar Systems (Astro) Stratenic Astrophysics Technology Organic Astrophysics Technology	217 39 18	43 5 9	20% 13% 50%	Astrophysics Astrophysics	121	All proposers notified by18-Aug-14, 150 days after the proposal due date.
2013 2013	Sufficies. Astronomical recurrency with Guest Investigator — Cycle 10 dysanced Component Technology dysanced Collaborative Connections for Earth System Science	175 82	35 11	20%	Astrophysics Earth Science Earth Science		
2013	Atmospheric Composition Campaign Data Analysis and Modeling Atmospheric Composition: Aura Science Team	116 68	36 27	31% 40%	Earth Science Earth Science		
2013 2013 2013	Carbon Cycle Science Carbon Monitoring System Cryospheric Science	235 37 32	41 17 10	17% 46% 31%	Earth Science Earth Science	100	This was an interagency call and the 41/235 = 17% reflects the overall selections. Here is the breakout: 23
2013	Earth Science Applications: Health and Air Quality Earth Science Applications: Water Resources Earth Surface and Interior Earth Venture Suborbital -2	67 75	9	13%	Earth Science		
2013 2013	Earth Venture Suborbital -2 ceBridge Science Team and Cover / Land Use Change	33 18	5	49% 15% 56% 29%	Earth Science Earth Science Earth Science Earth Science		
2013	and Cover / Land Use Change Step-1 VASA Data for Operation and Assessment	71 44	33 13	29% 46% 30%	Earth Science Earth Science		
	NASA Energy and Water Cycle Study Yew (Early Career) Investigator Program in Earth Science Jocean Biology and Biogeochemistry Jocean Salinity Field Campaien Analysis and Planning Jocean Salinity (Science Team	60 131 11	19 22 2	32% 17% 18%	Earth Science Earth Science	79	
2013	Ocean Salinity Field Campaign Analysis and Planning Ocean Salinity Science Team	2 31	2 14	100% 45%	Earth Science Earth Science Earth Science		
2013 2013 2013	Dean Vector Winds Science Team PACE Science Team Physical Oceanography	49 41	19 11	38% 39% 27%	Earth Science Earth Science Earth Science		
2013	Suomi NPP Science Team and Processing Systems for Data Records	36 119 40	9 45 32	25%	Earth Science Earth Science Earth Science	520 162	proposers notified by 2/20/2014
2013 2013	Ferra and Agua – Algorithms – Existing Data Products Ferrestrial Ecology Ferrestrial Hydrology The GLOBE Program Implementation Office	56 70	6 15	11% 21%	Earth Science Earth Science		
2013	The Science of Terra and Aqua Weather Heliophysics Grand Challenoes	208 52 47	56 16	25% 27% 31% 23%	Earth Science Earth Science Earth Science Heliophysics	500	214 submitted. 2 were moved to A.46 and others withdrawn or non compliant All decisions communicated by email on 10/24 this is the theory contamn and 21/24
2013	feliophysics Guest Investigators Step-1	47 174 83	73 22	N/A	Heliophysics		this is the theory program in 2013. Only 73 were encouraged to submit a Step-2 proposal but more than that did. see Helicohysics Guest
	Heliophysics Guest Investigators Step-2 Heliophysics Infrastructure and Data Environment Enhancements Heliophysics Living With a Star Science Heliophysics Europaining Regarch Step-1	34 187 306	14 25 294	27% 41% 13% N/A	Heliophysics Heliophysics Heliophysics		only 12 were deemed Non-Compliant. All others were invited to submit a Step-2.
	leliophysics Supporting Research Step-1 leliophysics Supporting Research Step-2 leliophysics Technology and Instrument Development for Science	261 92	35 13	14%	Heliophysics Heliophysics Heliophysics		
	Solar and Heliosoheric Physics strobiology: Exobiology and Evolutionary Biology Assini Data Analysis	N/A 148 99	N/A 27 10	18%	Heliophysics Planetary Science Planetary Science		Wasn't competed. Note: only 144 were reviewed 108 proposals total. 99 from US institutions. 10 DAPs were funded, three of which include participating
2013 2013	-desam ceta rysarvas Cosmochemistry nstrument Concepts for Europa Exploration .aboratory Analysis of Returned Samoles	92 30 23	24 15	26% 50% 52%	Planetary Science Planetary Science Planetary Science	155 1080	There were 8 severe descopes in COS one of which was a partial-vear bridge award which I don't normally 2 noncompliant proposals were not reviewed. ICEE was limited to one year grants. Average awarded
2013	Jacotatory analysis of returned Sambles Mars Data Analysis Mars Fundamental Research (MFRP) Moon and Mars Analog Mission Activities (MMAMA)	102 135	30 27	29% 20% 10%	Planetary Science Planetary Science	112 138	30 were selected for funding fin full or in part) out of 103 submitted but one declared non compliant
2013 2013 2013	Moon and Mars Analog Mission Activities (MMAMA) Vear Earth Obiect Observations (NEOO) Drigns of Solar Systems (Planetary) Duter Planets Research	20 32 90	2 11 13	10% 34% 14%	Planetary Science Planetary Science Planetary Science	252	4 remain selectable. Award sizes rance from ~85 to ~800 K On 12/05 first 5 selections have been made. In softing more selections were made bringing the total up to
		154 49 113	22 20	14% 41%	Planetary Science Planetary Science Planetary Science	105	Initial 15 calections plus 1 partial from fall 2013 increased to 20 fully funded plus 1 partial in Spring 2014
2013	Hanetary Antioscheres (PATM) Hanetary Geoloov and Geochvisics (PGG) Hanetary Strutument Concepts for the Advancement of Solar System Observations	131 113	32 12	24% 11%	Planetary Science Planetary Science		hebal 14 selections from fall 2013 increased to 23 full-bunded out of 113 2025 bits 1 carial in Spring 2014. 135 were submitted. 4 were withdrawn and one non-compliant returned without review. We received 117 proposals 4, were found non-compliant so only 113 were peer reviewed.
2013 2012 2012	Planetary Mission Data Analysis strophysics Data Analysis Astrophysics Research and Analysis	40 291 178	13 90 33	33% 31% 19%	Planetary Science Astrophysics Astrophysics	135 97 383	The received 117 proposans, a were found not rough all to 117 lives peer retrieved. PMDAP received 42 proposals in 2013, but one was withdrawn by the proposer and one non-compliant. 9/11 APRA Pls informed of decisions, 173 days after the due date and 12 weeks after the end of the review.
2012 2012	Astroohysics Theory Program Euclid Science Team Termi Guest Investigator – Cycle 6	181 8 223	28 3 50	15% 38%	Astrophysics Astrophysics Astrophysics	137	Pls were notified 118 days after the due date.
2012 2012	Cepler Guest investigation — Cycle 5 Keoler Participating Scientist Program Nancy Grace Roman Technology Fellowships	63 34 12	0	0% 29%	Astrophysics Astrophysics		Originally it was 25 Proposals selected (22 were to be funded; 3 foreign Pis not funded) but then the failure
2012 2012 2012	Vancy Crace Roman I echnology Fellowships Drioins of Solar Systems (Astro) SOFIA GO Cycle 2 Spitzer GO Cycle 12	12 46 112	12 35		Astrophysics Astrophysics	152	Pls notified 118 days after the due date and 7 1/2 weeks after the last review day
2012 2012	Spitzer GO Cycle 12 Strateaic Astrochysics Technology Swift Guest Investigator – Cycle 9	137 38 158	38 9	28% 24% 28%	Astrophysics Astrophysics Astrophysics	580	9 crocosals totalino \$5.2M in Year 1 awards were selected. In addition, there were 4 SAT TDEM crocosals. Of the 45 recommended for selection 7 do not receive any funding. Received 38 proposals with Budgets but his procama is giorn with NSE NASA selected 10 procosals (2 immediations) and NSE clams to select the
		33	10	19% 18%	Astrophysics Earth Science	150	This program is joint with NSF. NASA selected 10 proposals (3 investigations) and NSF plans to select the
2012 2012 2012	Airborne Instrument Technology Transition Atmospheric Composition: Modeling and Analysis Atmospheric Composition: Upper Atmospheric Composition Observations JoudSat and CALIPSO Science Team Recompete	85 34 94	18 25 26	21% 74% 28%	Earth Science Earth Science		
2012 2012 2012	Indigitation California Copper transplants Composition Consistence Con- putation of the California	51 63 14	10 14 8	20% 22% 57%	Earth Science Earth Science	120	
	Ecological Forecasting for Conservation and Natural Resource Management ceBridge	66 10	11 7	17%	Earth Science Earth Science Earth Science		
2012 2012	nterdisciplinary Research in Earth Science and Cover/Land Use Change Step-1	145 24	19 16	13% 67%	Earth Science Earth Science		11/13, selections made for one Subelement but the others are still to come, thus the selection rate will rise.
2012	and Cover/Land Use Change Step-2 Making Faith System data records for Use in Research Environments	16 81 161	10 27 36	63% 33% 22%	Earth Science Earth Science		24 proposals submitted to Steo-1 of which 16 were invited to submit a Steo-2 proposal. 10 of 16 selected
	Modelina, Analysis, and Prediction Ocean Biclotov and Bioaeochemistry Physical Oceanography Precipitation Measurement Missions (PMM) Science Team Studies with IESS at and CyroSat-2	72 43	17 13	24%	Earth Science Earth Science Earth Science	122	
2012	Surface Water and Ocean Topography Mission SDT	129 41 45	12 20	29% 44%	Earth Science	132	
	Terrestrial Ecology 3eosoace Helicophysics Guest Investigators program 3eosoace Instrument Development and Enabling Science	58 10	10	13% 17% 20%	Earth Science Heliophysics Heliophysics	170	Step-1: 89 proposals received, 29 encouraged for Step-2, Step-2: 30 proposals received, 12 recommended, Step-2 only. The Guest Investigators program (GIP) was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an
2012	Seospace Insurant Development and Enabling Science Seospace Low Cost Access to Space Seospace Supporting Research Program Telophysics Data Environment Enhancements	55 134 29	12 16 10	22% 12% 34%	Heliophysics Heliophysics Heliophysics Heliophysics	Ħ	Sec-2 only. The IDES was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Step-2 only. The LCAS was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Step-2 only. The SR was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Step-2 only. The SR was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Step-2 only.
2012	Solar and Helioscheric Physics Sassini Data Analysis Cosmochemistry	232 112 85	43 23	19%	Heliophysics Planetary Science Planetary Science	95	Stee-2 only Of these 9 were selected as participating scientists as well. Two more partial awards were made. The
2012 2012	n-Space Propulsion aboratory Analysis of Returned Samples	25 24	3	12% 33%	Planetary Science Planetary Science	100	1 also received bridge funding, not included in the 8 given in column E.
2012 2012	ADEE Guest Investigator Program unas Advanced Science and Exploration Research Mars Data Analysis	18 102 93	5 13 29	13% 31%	Planetary Science Planetary Science Planetary Science	100	
2012	Mars Fundamental Research (MRPP) daturation of Instruments for Solar System Exploration (MatiSSE) Maven Participating Scientist Program	123 35 35	30 6 7	24% 17% 20%	Planetary Science Planetary Science Planetary Science	114	Stats given are for US investigations only. Non-US Institutions: 2/9 (22%) selection rate
2012	valven Faricicanno Scientist Prodram Moon and Mars Analoo Mission Activities (MMAMA) Vear Earth Obiect Obsensations (NEOO) Origins of Solar Systems (Planetary)	27 26	12	11% 46%	Planetary Science Planetary Science Planetary Science Planetary Science	546	Note that the avg award size has nearly doubled from previous years, due in large part to MEO's lack of field
	Jingins of Solar Systems (Planetary) Duter Planets Research Planetary Astronomy (PAST) Planetary Atmospheres (PATM)	101 143 42	13 32 7	13% 22% 17%	Planetary Science	121 105 85	
		90 140 41	12 19 13	13%	Planetary Science Planetary Science Planetary Science Planetary Science	91	Award sizes ranged from \$37K to \$160K. Hope to make more selections later in the year 12 full plus has postalla selections as well. Award size in \$100K when centraliss awarded in with full awards. Average award size does not include Carto. NESSF, ECF, etc. Plus 6 seed or bridge awards.
	Planetary Mission Data Analysis Planetary Protection Research astrophysics Data Analysis	21 278 163	63	5% 23% 19%	Planetary Science Astrophysics Astrophysics	150 101	NOTE: Was covered by the MATisse Program
	Astrophysics Research and Analysis Astrophysics Theory Program Fermi Guest Investigator — Cycle 5	199 224	33 67	17% 30%	Astrophysics Astrophysics		65 normal and 2 large awards made. Average for the 65 one and two year proposals was - 80 K (75 K for
2011 2011 2011	Keoler Guest Observer – Cycle 4 Vancy Grace Roman Technology Fellowships Origins of Solar Systems (Astro)	61 16 36	21 3 3	34% 19% 8%	Astrophysics Astrophysics	195	Plus 4 from foreign Pla/institutions.17 proposals were funded.Proposals due; 20 January 2012. Proposers Average award size skewed by one large award. Subsequently two one year awards were selected. If those
2011	Strategic Astrophysics Technology Swift Guest Investigator – Cycle 8 Deportunities in Education and Public Outreach for Earth and Space Science EPO	48 152 75	10 32	21% 21% 25%	Astrophysics Astrophysics Cross division		Needlet award 522 septembly of intitle darked consolidate for your other year awards were servation in most 50 submitted but 2 were non compliant. Including additional late selections only 28 Accepted for funding 134 days after the May 20 proposal due date
2011	Apportunities in Education and Public Outreach for Earth and Space Science EPO Departunities in Education and Public Outreach for Earth and Space Science EPO Supplemental Education Awards for ROSES Investigators I Supplemental Outreach Awards for ROSES Investigators I	74 23	18 5	24% 22%	Cross division Cross division		134 days aret me way 20 proposal to the date thindicates the Sect 2010 due date thindicates the Sect 2010 due date to the date thindicates the Sect 2010 due date the date thindicates the Sect 2010 due date thindicates the Sect
	Supplemental Outreach Awards for ROSES Investigators: I ACCESS Advancing Collaborative Connections for Earth System Science Advanced Information Systems Technology Atmospheric Composition: Laboratory Research	10 37 88 50	12 18	20% 32% 20%	Cross division Earth Science Earth Science	10	IIIIAICARES UNE SEDI ZUTU QUE CISTE
		62 54	16 18 8	20% 32% 29% 15%	Earth Science Earth Science Earth Science	Ħ	
	Computational Modelina Algorithms and Cyberinfrastructure Earth Science Applications: Disasters Earth Science Applications: Water Resources	65 65	17	26% 18%	Earth Science Earth Science		
2011 2011 2011	arth Science Applications: Wildfand Fires SNSS Remote Sensing Science Team furricane Science Research Program	46 21 50	9 11	37% 43% 22%	Earth Science Earth Science Earth Science		
2011 2011 2011	tyspiRI Preparatory Airborne Activities and Associated Science ceBridge cosAT 2 Science Definition Team	49 33 35	14 9 16	29% 27%	Earth Science Earth Science Earth Science	Ē	
2011	mpacts of Climate Variability and Change on NASA Centers and Facilities nterdisciplinary Research in Earth Science	11 51	6 9	55% 18%	Earth Science Earth Science		
2011 2011	and Cover/Land Use Change Step-1 and Cover/Land Use Change Step-2 New (Early Career) Investigator Program in Earth Science	26 73	10	29% 38% 21%	Earth Science Earth Science	88	the overall selection rate was 10/90 = 11%
2011 2011 2011	Physical Oceanography Satellite Calibration Interconsistency Studies Science Definition Team for the DESDvnl-Radar Mission	40 41 38	9 11 15	23% 27% 39%	Earth Science Earth Science Earth Science	E	
2011	Science Team for the OCO-2 Mission SERVIR Applied Sciences Team Space Archaeology	30 58 17	24 11 8	80% 19% 35%	Earth Science Earth Science		
	Ferrestrial Ecology	107 145	16 29	15% 20%	Earth Science Heliophysics	230 144	Final selection made in late May 2012 The average award amount is somewhat more complicated than implied: the average for the three
2011 2011 2011	telisohvsics Data Environment Enhancements telisohvsics Guest Investigators Program (Geospace) telisohvsics Guest Investigators Program (S&H only)	23 80 91	9 10 12	39% 13% 13%	Heliophysics Heliophysics Heliophysics	78 122 105	

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2011	iving With a Star Targeted Research and Technology	122	31	25%	Heliophysics Planetary Science	161	One of the two awards was not full funding.
	iving With a Star Targeted Research and Technology strobiology Science and Technology for Exploring Planets (ASTEP) surphiclogy Science and Technology Instrument Development (ASTID) strobiology, Exobiology and Evolutionary Biology	37 161	7 28	9% 19% 17%	Planetary Science Planetary Science	292	instruction 2 postial adjustings of silest struction
2011	Jassini Data Analysis Cosmochemistry SRAIL Guest Scientist Program	92 80	18 27	20% 34% 38%	Planetary Science Planetary Science Planetary Science	89 154 65	institutioning 2 parinal selections, a plant studies. 25 proposals from US institutions. 8 of the 18 selected included Participating Scientist (PS) awards as well. EME proposal not included, 27 full selects, 2 partial bridge funding awards not included in selected column.
2011	aboratory Analysis of Returned Samples unar Advanced Science and Exploration Research	24 17 123	5 26	29% 21%	Planetary Science Planetary Science	119 117	
	flars Data Analysis Arar Fundamental Research (MFRP) floon and Mars Analoa Mission Activities (MMAMA)	98 128	21 20	21% 16%	Planetary Science Planetary Science Planetary Science	93	
	ncon and wate shandon meaner recurrency lear Earth Obiect Observations (NEOO) Origins of Solar Systems (Planetary) Juter Planets Research	33 103	14 20	16% 42% 19%	Planetary Science Planetary Science Planetary Science	100	
		131 60 106	27 14	21% 23% 22%	Planetary Science Planetary Science Planetary Science	105 99 114	Also one partial (1 Yr) selection not included. This is actually out of 61 proposals because I took on one
	Planetary Atmosoberes (PATM) Planetary Geology and Geophysics (PGG) Planetary Instrument Definition and Development	128	31 11	24% 12%	Planetary Science Planetary Science	98 273	Average award size does not include Carto, NESSF, ECF, etc. Also 6 seed or bridge awards
2011	Planetary Mission Data Analysis Planetary Protection Research	45 19	12 3	27% 16%	Planetary Science	107 150	In addition to the 3 full selections (one for three years in duration, two for four years in duration) two more
2010	strophysics Data Analysis strophysics Research and Analysis strophysics Theory Program ermi Guest Investigator – Cycle 4	186 166 193	39 33	35% 23% 17%	Astrophysics Astrophysics Astrophysics	275 139	This refers to proposals, not investigations suborbital projects may be split
		208 40 30	87 22 12	42% 55%	Astrophysics Astrophysics		A CAMPA TALL COM
	leater Suest Outer tet a Code 3 lecter Participating Scientists 2 fembers of the Euclid Science Team Nigins of Solar Systems (Astro)	2 36	0	40% 0% 17%	Astrophysics Astrophysics	109	Success rate by dollars awarded/requested = \$1.0M/\$2.75M = 36%
2010	Strategic Astrophysics Technology suzaku Guest Observer - Cycle 6 wift Guest Investigator - Cycle 7	59 91 168	17 40	29% 44% 23%	Astrophysics Astrophysics Astrophysics	-	Notified on 28 February 2011 101 days after due date (by posting the target list on the Suzaku web page) 61 proposals were selected (for time) out of a total of 182 submitted, which represents ~34% success rate,
2010	Reportunities in Education and Public Outreach for Earth and Space Science EPO Supplemental Education Awards for ROSES Investigators.	92 17	22 6	24% 35%	Cross division Cross division		Lindicates the Sept 2010 due date
2010	Supplemental Education Awards for ROSES Investigators II Supplemental Outreach Awards for ROSES Investigators I Supplemental Outreach Awards for ROSES Investigators II	16 12	5 6	31% 50%	Cross division Cross division Cross division		Il indicates the March 2011 due date Il indicates the Sept 2010 due date Il indicates the March 2011 due date
	Advanced Component Technology (ACT) Atmospheric Composition: Aura Science Team	28 99	12 15	50% 43% 15% 61%	Earth Science Earth Science Earth Science		One was non compliant so it was 15/98 viable proposals
2010	Atmospheric Composition: Modeling and Analysis	44 59 139	27 18 34	61% 31% 24%	Earth Science Earth Science		
2010	Carbon Monitoring System CLARREO Science Team	24 21	16 11	67% 52%	Earth Science Earth Science		
2010	Zation Monitoring System ARREG Selence Team Jimate and Biological Response: Research and Applications Prospostering Science (Selence Selence Selence Selence Selence Selence Selence Selence Applications Feasibility Studies: Public Health and Science U.S. Participating Investigator	152 47 24	15 16	10% 34% 38% 38%	Earth Science Earth Science Earth Science		
2010	arth Science U.S. Participating Investigator arth Surface and Interior arth System Data Records Uncertainty Analysis	16 39	6 20	51%	Earth Science Earth Science		
		20 31	21 15 15	51% 75% 48%	Earth Science Earth Science		
	exception Second	19 83	5 16	26% 19%	Earth Science		The calculation care in far all accessors. There were calculated as
	and Coverl and Use Change and Coverl and Use Change fodeling, Analysis, and Prediction AASA Energy and Water Cycle Study	49 15 96	6 18	14% 40% 19%	Earth Science Earth Science Earth Science		The selection rate is for all proposers. There were only 25 step-2 proposals so the selection rate for step-2
2010	IPP Science Team for Climate Data Records Desan Salinity Field Campaign	71 18	34 7	48% 39%	Earth Science Earth Science Earth Science		
2010	Southeast Asia Composition, Cloud, Climate Coupling Regional Study (SEAC4RS, Seospace Science	32 117 119 18	11 66 25	34% 56% 21%	Earth Science Heliophysics		Ava new award in program year 1: LCAS = 220 K: IDP = N/A and Reg = 124 K
	feliophysics Data Environment Enhancements feliophysics Theory Jung With a Starr Targeted Research and Technology	32	10 10 31	56% 31% 22%	Heliophysics Heliophysics Heliophysics	68 369	
		141 175 37	31 30 5	17%	Heliophysics	155 959	Ava new award in program year 1: LCAS = 326 K: IDP = 171 and Reg = 125 K
2010	strobiology Science and Technology for Exploring Planets (ASTEP) strobiology Science and Technology Instrument Development (ASTID) strobiology. Expiriology and Evolutionary Biology astrobiology. Expiriology and Evolutionary Biology assini Data Analysis	42 159 79	8 31 16	19% 19% 20%	Planetary Science Planetary Science Planetary Science Planetary Science		137 proposals received 1 declared non-compliant and returned, 136 reviewed; 32 fully selected, 6 partially. Triago letters sent after 140 days. Final Letters sent after 290 days. Selectables remain pending budget.
2010	strobiology: Exobiology and Evolutionary Biology Jassini Data Analysis Osemochemistry n-Space Propulsion	60 12	24	20% 40% 25%	Planetary Science Planetary Science Planetary Science	156 250	Triace letters sent after 140 days. Final Letters sent after 290 days. Selectables remain oendino budoet. PME proposal not included. 24 full selects, 6 partial bridge funding awards not included in selected column Each for a \$250K, 6 month Phase-I study effort with the possibility to continue via down-select to Phase II and the proposal prop
2010	aboratory Analysis of Returned Samoles unar Advanced Science and Exploration Research fars Data Analysis	20 121 95	9 23	45% 19% 25%	Planetary Science Planetary Science Planetary Science	337 132	
2010	Mars Fundamental Research (MFRP) Moon and Mars Analog Mission Activities (MMAMA)	128 16	25 6	20% 38%	Planetary Science Planetary Science	112 58	Plus two partial selections
	ISL Participating Scientists Program fear Farth Object Observations (NECO) higher Systems (Planetary) Juter Planets Research	148 15	29 0	20% 0% 18%	Planetary Science		We were hoping to be able to fund with the anticipated plus-up to the NECO program but we were under a One full PME not included here. Triage letters sent after 140 days, final letters sent after 290 days.
		123 45	29 10	24% 22%	Planetary Science Planetary Science Planetary Science	89	only 9 full one was a partial (one year) award
2010	Planetary Atmosoheres (PATM) Planetary Geology and Geophysics (PGG) Planetary Instrument Definition and Development	93 106 96	25 30 11	27% 28% 11%	Planetary Science Planetary Science Planetary Science	107 98 269	Max thinks that there were 9 additional partial selections this year
2010 2010	Valentary Mission Data Analysis Valentary Mission Data Analysis Valentary Protection Research Valentary Protection Research Valentary Protection Research	18	6	33% 25%	Planetary Science	80 160	
	kstrophysics Data Analysis Istrophysics Research and Analysis Istrophysics Theory Program	165 143	73 45	44% 31% 19%	Astrophysics Astrophysics	250	This refers to proposals, not investigations suborbital projects may be split 36 selected 10/21/2006. Addel selection 2/23/2010
		200 182 81	37 77 33	42% 41%	Astrophysics Astrophysics	120	30 Senti-Stu 1021/2007, Attain Sente-Bull 2/20/2010
2009	Teilli Signes intestitation — Voter 3 Septer Guest Observer — Cycle 2 Septer Guest Observer — Cycle 2 Signes Construction — Cycle 2 Signes — Cycle 3 Signes — C	54 12 30	27 4	50% 33% 30%	Astrophysics Astrophysics Astrophysics	03	
		3 88	3 48	30% 100% 55%	Astrophysics Astrophysics		
2009	owift Guest Investigator - Cycle 6 echnology Development for Expolanet Missions Deportunities in Education and Public Quireach for Earth and Space Science EPO	169 34 103	56 7 27	33% 21% 26%	Astrophysics Astrophysics Cross division		
2009	Supplemental Education Awards for ROSES Investigators I Supplemental Education Awards for ROSES Investigators II Supplemental Outreach Awards for ROSES Investigators I	10	7	70% 70%	Cross division Cross division	21	
2009	Supplemental Outreach Awards for ROSES Investigators II ACCESS Advancing Collaborative Connections for Earth System Science	9 9 35	6 6 11	67% 67%	Cross division Cross division Earth Science	17	
2009	Air Quality Applied Sciences Team Lithorne Instrument Technology Transition	48 31	19 7	40% 23%	Earth Science Earth Science		
	Atmospheric CO2 Obsenations from Soace htmospheric Composition: Mid-Latitude Airborne Citrus PropertiEarth Science Exp throspheric Composition: Modelina and Analysis	26 77	14 18	47% 54% 23%	Earth Science Earth Science Earth Science		
2000	CoudSat and CALIPSO Science Team Recompete arth Science for Decision Making: Gulf of Mexico Region SSP Venture-class Science Investigations: Earth Venture-1	83 54	33 13	40% 24%	Earth Science Earth Science		
2009	furricane Field Experiment	35 30 26	14 11	14% 47% 42%	Earth Science Earth Science		
2009	rysolKI Preparatory Activities Using Existing Imagery ceBridge	28 44	6 22	21% 50%	Earth Science		
	zeBridae: Support for 2010 Activities nterdisciplinary Research in Earth Science and Cover/L and Use Change	112 62	25 9	83% 22% 15%	Earth Science Earth Science		
	and Coverif.and Use Change lew (Early Career) Investigator Program in Earth Science Doean Biology and Biogeochemistry Doean Verort Winds Science Team	71 34 38	18 8 20	25% 24% 53%	Earth Science Earth Science Earth Science Earth Science	Ħ	
2009	Physical Oceanography Precipitation Science	32 126	12 58	38% 46%	Earth Science Earth Science		
2009 2009	kemote Sensing Theory Space Archaeolopy StudiEarth Science with ICEarth Sciencest and CryoSat-2	112 12 37	20 6 15	18% 50% 41%	Earth Science Earth Science Earth Science		
2009	errEarth Sciencetrial Ecology The Science of Terra and Agua	64 325	12 87	19% 27%	Earth Science Earth Science		
2009	Causes and Consequences of Solar Cycle 24 CUMSC	56 58 70	15 15 16	27% 26% 23%	Heliophysics Heliophysics Heliophysics	109	Ava new award in program year 1: LCAS = 359 K: IDP = 147 K and Req = 121 K
	Seospace Science felicohysics Data Erwironment Enhancements felicohysics Guest Investigators Program (Geospace)	18 74	11 14	23% 61% 19%	Heliophysics Heliophysics	114	
	feliophysics Guest Investigators Program (S&H only) iving With a Star Targeted Research and Technology solar and Heliosoberic Physics	66 137 120	15 31 20	23% 23% 17%	Heliophysics Heliophysics Heliophysics	103	Avo new award in program year 1: LCAS = 330 K: IDP = 220 K and Reo = 113 K 137 proposals received 1 declared non-compliant and returned. 136 m/e/ewed: 32 July selected. 6 partially
2009	Astrobiology: Exobiology and Evolutionary Biology Cassini Data Analysis	136 80 62	40 23 29	29% 29%	Planetary Science Planetary Science	89	
2009	Cosmochemistry Down at Vesta Participating Scientists Aboratory Analysis of Returned Samples	62 60 21	29 18 12	47% 30% 57%	Planetary Science Planetary Science Planetary Science	148 62 215	
2009	Mars Advanced Science and Exploration Research Mars Data Analysis Mars Fundamental Research (MFRP)	96 105	31 39	32% 37% 20%	Planetary Science Planetary Science Planetary Science	104 102	
2009	Moon and Mars Analog Mission Activities (MMAMA)	131 NA 21	NA 11	20% NA 52%	Planetary Science Planetary Science	96 NA 312	Not Solicited in ROSES 2009
	Drigins of Solar Systems (Planetary) Duter Planets Research Salnetary Astronomy (PAST)	101 128 35	29 25 10	29% 20% 29%	Planetary Science Planetary Science Planetary Science	97 86 105	
2009	Planetary Atmospheres (PATM) Planetary Geology and Geophysics (PGG)	96 114	25 36	26% 32%	Planetary Science	97 78	
	Planetary Instrument Definition and Development Planetary Mission Data Analysis Planetary Protection Research	110 41 10	15 15 6	14% 37% 60%	Planetary Science Planetary Science Planetary Science	258 89 137	
2008	satistative Foliation Research strophysics Data Analysis strophysics Research and Analysis strophysics Theory Program	95 137	34 37	36% 27% 22%	Astrophysics Astrophysics		Letters sent 10/20. Total repossed = 134 if you include Co-I proposals. 125 independent investigations proposed. 28 fully- emails selection 30 on 10/27/08 and nine additional selections were made in Feb. 2009
2008	emi Guest Investigator - Cycle 2	177 198 70	39 81 37	22% 41% 53%	Astrophysics Astrophysics Astrophysics		There is one foreign proposal
	SALEX Guest Investigator - Cycle 5 (coler Guest Observer - Cycle 1 MOST U.S. Guest Observer- Cycle 1	19 12	11 4	58% 33%	Astrophysics Astrophysics		3400ksec.proposed, 1300 ksec selected Two were to foreign Pls
2008	Suzaku Guest Observer - Cycle 4 lowlif Guest Investigator - Cycle 5 looplied Information Systems Research	99 154 110	34 57 12	34% 37% 11%	Astrophysics Astrophysics Cross division	38 151	1 orant at 135 K, a bunch of orants at 38 and a few at 25 K and some smaller ones and 13 unfunded foreign email sent March 27, 2009. Official letters went out 4/10/2009
2008	Opportunities in Science Mission Directorate Education and Public Outreach Origins of Solar Systems	74 94	18 31	24% 33%	Cross division Cross division	132	ternal seria indicat 27, 2009. Omitian letters were 100 un 4702009 Average total for the entire duration of the award was 426,000 This is the total for the entire cross division program both Astro and PSD
2008	Supplemental Education I (Dec 08 due date) Supplemental Education II (April 09 due date) Supplemental Outreach I (Dec 08 due date)	16 15 12	5 7	38% 33% 58%	Cross division Cross division Cross division	Ħ	
	Supplemental Outreach II (April 09 due date) Advanced Component Technology (ACT) Advanced Information Systems Technology (AIST)	19 85	10 16	53% 19%	Cross division Earth Science		budgets under negotistion. ~ 1M each over three years A total deliar value over a three-year period of approximately \$25 million
2008	Atmospheric Composition, field: Surface, Balloon, and Airborne Observations	100 56 51	37 19	20% 66% 37%	Earth Science Earth Science		A total dollar value over a three-year period of approximately \$25 million
2008	inframetric Science Sarbon Cycle Science Trosschein Science	54 offerred this offerred this		17%	Earth Science Earth Science Earth Science		
2008	Decision Support through Earth Science Research Results Earth Science Applications Feasibility Studies	142	36 31	25% 39%	Earth Science Earth Science		Initial selections announced: 4/24/2009, then addnl selections 5/12/2009) Initial selections announced: 4/24/2009, then addnl selections 5/12/2009)
	sarh Science for Decision Makino: Gulf of Mexico Region sarth Science U.S. Participating Investigator Seosoace Science	69 16 118	35 6 30	51% 38% 25%	Earth Science Earth Science		26 selected in may. +9 more 8/20/09
	furricane Science Research	51	17	33%	Earth Science		3 additional selections made 1/23/09

2008 2008	ICESSEL Science Definition Team Land Covert and Use Change Modeline, Analysis, and Prediction NASA Energy and Water Cycle Study - Water Quality Ocean Biology and Biosposchemistry Decom Biology and Biosposchemistry	38 66 158 16	14 18 52 4	27% 33%	Earth Science Earth Science Earth Science Earth Science Earth Science		14 of 38 SDT selected: 1 fearn Leader selected on 91808 Received 66 stero I reconsals, out of which 48 processls were invited to submit full crocosals. Selected 18 initial selections 1017708 two more made 3/13.
2008 2008 2008 2008	Ocean Salinety Science Learn Physical Oceanography SMAP Science Definition Tearn Terrestrial Ecoloov Generation Science	41 26 44 77 96	15 12 14 20 26	46% 32% 26% 27%	Earth Science Earth Science Earth Science Earth Science Heliophysics	146	Results for subelements 182 (Decade) Survey Mission Precaration and Scoping Studies) only 9 selected Ake new award in orocram year 1: LCAS = 483 K DP = 102 K and Rea = 118 K
2008 2008 2008 2008	Guest Investigator Studies with CNIOFS Guest Investigator Program (Geospace) Heliochvoisc Guest Investigators Program (Self-roll) Living With a Star Transeled Research and Technology Living With a Star Taroeted Research and Technology: Living With a Star Taroeted Research and Technology: Strategic Capability Solar and Heliosopheric Physics:	62 70 105 4 131	15 26 34 2 35	24% 37% 32% 50%	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics	115 104 146	Ava new awast in ossoram year 1: LCAS = 621 K. DP = 133 K and Reg = 115 K
2008 2008 2008 2008	Solar Drammics Observatory Science Center Astrobiolory Science and Technology Instrument Development (ASTID) Astrobiolory Exploitory and Evolutionary Biology Cassini Data Analysis Concect Studies for Human Tended Suborbital Science Cosmochemistry	72 113 61 17 68	28 28 22 1 31	25% 36% 6% 46%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	250 136 96 49 153	5 vears each at 700 K/vear 2 additional selections made in June 2009
2008 2008 2008 2008	Juniter Data Analysis Lunar Advanced Science and Exploration Research Lunar and Planetary Science U.S. Participating Investigator (SALMON H1) Mars Data Analysis	40 27 17 88 94 38	14 11 5 32 21	35% 41% 29% 36% 22% 29%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	86 109	5 selected doesn't inclue one in the selectable category, Grant sizes range from 50-259 K. Additional selection 81/209 Plus two cartial selections
2008 2008 2008	Moon and Ment Analos Mission Activities (MMAMA) Ness Earth (Sect Observations (NEOCO) Onlight of Solar Systems (Planetary) One Planetary (Solar Systems (Planetary) One Planetary (Solar Systems (Planetary) Planetary Amousthearth (The Commission (Planetary) Planetary Amousthearth (The Commission (PSG)) Planetary Amousthearth (PSG)	15 73 110 46 81	5 19 24 18 32 30	33% 26% 22% 39% 40%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	325 101 112 125	PSD order) Additional selections were made in Sect 09 and again in Nov. Some selectables may remain. 110 2 additional selections made in Jene 109 2 additional selections made in Jene 2009
2008 2008 2008 2008	Planetary Institute (Bestion and Secondaria (PSS) Planetary Institute (Bellindin and Coelectoment Planetary Institute (Bellindin and Coelectoment Planetary Christian (Bellindin and Coelectoment) Sancie Reburn Laboratory Institutements and Data Analysis Astrochrisis Data Analysis Astrochrisis Data Analysis Astrochrisis Christian and Analysis Astrochrisis Christian and Analysis Astrochrisis Christian and Analysis	95 28 5 28 100	16 11 2 15 49	39% 40%	Planetary Science Planetary Science Planetary Science Planetary Science Astrophysics	244	2 additional selections made in June 2009 New awards in 2009 range from less than 50 to over 200 K
2007 2007 2007 2007	Astronivsics Strategic Mission Concent Studies Astronivsics Theory Program FUSE Guest Investigator Cycle 9 FUSE League, Science Program	151 43 184 Cancelled Cancelled 100	41 19 37 Cancelled Cancelled 35	20% Cancelled	Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics	680 112	Accrovimate, \$12 million total in FY 08 and 09, crants from \$250,000 to \$1 million Cancelled Cancelled
2007 2007 2007 2007	GALEX (senset Investigator — Ducler 4 GLAST Cycle 1 GLAST Cycle 1 Keater Particiosatina Scientistas Suraha (senset Rosener — Cycle 3 Swith (Senset Rosener — Cycle 3 Swith (Senset Rosener — Cycle 3 Cycle 2 Swith Care Structure — Cycle 3 Cycle 2 Swith Care Structure — Cycle 3 Cycle 2 Swith Care Structure — Cycle 3 Cycle 2 Swith Care Swith Ca	167 37 120 144 Deferred 104	44 8 79 49 Deferred	26% 22% 66%	Astrophysics Astrophysics Astrophysics Astrophysics Cross division Cross division	87	Deferred
2007 2007 2007 2007 2007	Acceleratino Operational Use of Research Data ACCESS Advancino Collaborative Connections for Earth System Science Airborne Instrument Technologuv Transition Atmosthetic Composition: Aura Science Team Atmosthetic Composition: Aura Science Team	16 31 35 76 12	6 10 5 39 12	38% 32% 14% 51% 100%	Earth Science Earth Science Earth Science Earth Science Earth Science	320 42	budbets being neoptiated two year awards
2007 2007 2007 2007 2007	Carbon Cycle Science Chosshelin Science Research Results Becision Support through Earth Science Research Results Earth Surface and Interior Earth Science: The InSAR and Geodetic Imaging Component Instrument Inculsion of Program Instrument	113 54 120 58 20 78	35 20 33 21 12 21	37% 28% 36% 60% 27%	Earth Science		The serange 3-year grant size is \$734K (year br year averages: YV1-\$240K, YV2-\$220K, YV3-\$230K). The Buddets under neociation. It is currently estimated that total funding for the selected investigations will total & Million total over the life of the awards.
2007 2007 2007	Land-CoverLand-Use Chance NASA Energy and Water Cycle Study New (Fark) Careen Investigator Program in Earth Science Ocean Biology and Bioseochemistry Ocean Surface Teocorrachy Science Team Physical Oceanography	77 48 78 8 60 37	17 10 18 1 27	22% 21% 23%	Earth Science		
2007 2007 2007 2007	Soare Archaeology Terrestrial Ecology Terrestrial Hydrology Terrestrial Hydrology Terrestrial Hydrology Terrossphere for	17 59 49 73 13	7 10 9 41 5	41% 17% 18%	Earth Science Earth Science Earth Science Earth Science Earth Science Heliophysics	150	265 total over the duration of the crant
2007 2007 2007	Wind Lists Science Geostoacs Science Helsophysics Guest Investigators Program (Geospace) Helsophysics Guest Investigators Program (Geospace) Helsophysics Guest Investigators Program (SAH only) Linco Win a Sim Space Environment Testinods Linco Win a Sim Tamested Research and Technology	85 64 80 25 Cancelled 163	20 29 10 Cancelled 51	31% 36% 40% Cancelled 31%	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics	120 121 431	As new award in opcoram veer 1 for Geospace SRA is 158 but it breaks out as follows: LCAS = 448 K (DP This number is approximate, Avenage was 116 or 584 to proton (not Geospace) solar colv: The averages of awards for FY2009 and 2010 are \$436K cancelled
2007 2007 2007 2007	Livina unit a Stat Taroeted Research and Technology, Strategic Capability Solar and Heliosoberic Physics Virtual Observatories for Heliophysics Data Astrobiology Science and Technology for Exploring Planets (ASTEP) Astrobiology Science and Technology for Exploring Planets (ASTID) Astrobiology Science and Technology in Strument Development (ASTID) Astrobiology Science and Technology in Strument Development (ASTID)	Deferred 78 28 54 97 113	28 18 7 17 33	36% 64% 13% 18% 29%	Heliophysics Heliophysics Heliophysics Planetary Science Planetary Science Planetary Science	191 94 148 301 167	Deferred. Ann new award in opcoram vear 1 for SHP SRAT is 191 but it breaks out as follows: LCAS = 490 K: DP = Approved amounts were \$1,080%, \$1,537 k 31;267 k: PTP, 10, 8.11 respectively. But the avenue Sentend of or vear awarded amount interced amount interced amount interced amount interced amount interced. Avenue Duration of Awards: 3,25 vears. AN or 47 K 10 kind I fixed life of life veexa.
2007 2007 2007 2007 2007 2007	Cassini Data Analvsis Cosmochemistry Discovery and Scout Mission Caoabilities Expansion Discovery Data Analysis Fellowshots for Early Cateer Researchers Fellowshots for Early Cateer Researchers	77 58 40 30	41 27 9 15	23% 50%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	93 154 260	Does not include PME. \$4.151 M in new awards, \$14.4 M total awarded in 2007 Program officer notes that \$2,051,942 was total for an average of \$136,796 per award. "This is a little high
2007 2007 2007 2007 2007	R.P. Particiostino Scientists Lunar Adhanced Scientes at Exploration Research Mars Data Analysis Mars Fundamental Research (MRPP) Mars Instrument Development Project Moon and Mars Analoo Mission Activities (MMAMA)	56 162 78 101 63	24 43 33 40 7	43% 27% 42% 40% 11%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science		5 addni selection letters went out 3/28/08. 4 remain selectable. The 7 awards are worth a total of \$9.2M over three years, with an average of \$450,000.
2007 2007 2007 2007 2007	Near Earth Object Observations (NEOO) Outer Planets Research Planetary Astronomy (PAST) Planetary Astronomy (PAST) Planetary Amosoberes (PATM) Planetary Amosoberes (PATM)	18 120 61 81 120	3 44 34 27 40	17% 37% 56% 33% 33%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	104 97	384 is the average for all awards old and new 11 more awards were selected on 29/2009. Enforing the total up to 44/120. These were the "occohvsics 103 is the average for all awards old and new
2007 2007 2006 2006 2006	Planetary Instrument Definition and Development Planetary Protection Research Samole Return Laboratory Instruments and Data Analysis Astrophysics Data Analysis Astrophysics Research and Analysis Astrophysics Research and Analysis	115 13 10 99 143 179 118	5 7 35 39 55	70% 35% 27% 31%	Planetary Science Planetary Science Planetary Science Astrophysics Astrophysics Astrophysics	120 366	The start of 2 awards delayed unit Year 2 Total value of the selected encossals = 2.6 M There were two versions of this in ROSES-2006
2006 2006	Astrochysics Theory Procram Beword Einstein Foundation Science FLUSE Guest Investigator — Cycle 8 GALEX Cuest Investigator — Cycle 3 Onions of Solar Systems (Astro) Suzuku Guest Observer — Cycle 2	56 108 76 20 156	20 12 68 32 9 81	21% 63% 42%	Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics	99 135 28	(US Pis only)
2006 2006 2006 2006	Swift Guest Investigator — Cords 3 Accided Information Systems Research Contexed Studies for Lurar Sorial Science Occordunities Contexed Studies for Lurar Sorial Science Occordunities Contexed Studies for Lurar Sorial Science Occordunities Contexed Studies Cont	88 160 77 41 80 14	45 33 14 12 16 2	18% 29%	Astrophysics Cross division Cross division Cross division Cross division Cross division Earth Science		Selected 10/30/08
2006 2006 2006	Atmospheric Composition: Research and Modelino-A (Ground Net.) Atmospheric Composition: Research and Modelino-B Atmospheric Composition: Tropical Composition. Cloud. and Climate Coupling Ex	64 19 51 79 322 18	13 6 20 56 125 7	20% 32% 39% 71% 39% 39%	Earth Science		The average grant size is: \$137878, \$146822, \$144376, per year for the next three years For ROSES06 Selected 12/8/06. Selected 27/07, First year funding approximate.
2006 2006	GMSS Remote Sension Science Team Interestacionary Research in Earth Science interestacional Polar Year Interestacional Polar Year Education and Public Cutreach Malance Earth Sustain data records for Use in Research Environment Precipitation Science Science Precipitation Science Science Precipitation Science Science Precipitation Science Science Precipitation Science Science Precipitation Science Science Precipitation Science Precipitation Precipitation Precipitation Precipitation Prec	127 93 24 86 28 127	33 34 9 29 12	38%	Earth Science	100	Selected 17:000 Selected 517:07 Selected 517:07, Second year funding Selected 617:07, Second year funding Selected 610:000 Selected 10:000 Selected 10:000 Selected 10:0000 Selected 10:0000
2006 2006 2006 2006 2006	Reconnection of the GRACE Science Team Geospace Science Heliophysics Guest Investigators Heliophysics Guest Investigators Heliophysics Guest Investigators Heliophysics Heliophysical Year Research	32 94 92 96 29	22 24 26 25 9	69% 26% 28% 26% 31%	Earth Science Heliophysics Heliophysics Heliophysics Heliophysics	136	geospace only
2006 2006 2006 2006 2006 2006	Livino With a Star Larceteld Research and Technology: Strategic Capability Living with a Star Targeted Research and Technology: Strategic Capability Solar and Heliosoberic Privaics Virtual Obsenatories for Heliothysics Data Astrobiology: Exobiology and Evolutionary Biology Cassini Data Analysis	150 7 118 33 103 71	42 1 33 13 23 27	28% 14% 28% 39% 22% 38%	Heliophysics Heliophysics Heliophysics Heliophysics Planetary Science Planetary Science	117 95	82 is approximate. Approved amounts were 1,089k in FY 08 \$ 398k in FY 09 and \$ 358k in FY 10
2006 2006 2006 2006	Cosmochemistry Discovery Data Analysis Mars Data Analysis Mars Fundamental Research (MFRP) Mars Reconnaissance Other Particioating Scientists MESSENGER Mission Particioating Scientists	75 41 100 126 71 52	36 24 23 35 17 23	59% 23% 28%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	127 92 83 89 42	
2006 2006 2006 2006 2006	Near Earth Chiesct Observations (NECO) Origins of Solar Systems (Planetary) Outer Planets Research Planets Research Planetary Attronomy (PAST) Planetary Atmospheres (PATM) Planetary Atmospheres (PATM)	14 73 51 52 63	5 25 13 19 21 48	36% 34% 25% 37% 33% 48%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	344 62 98 79 108	
2006 2006 2006 2006 2005	Planetary Instrument Delinntion and Development Planetary Protection Research Sample Return Laboratory Instruments and Data Analysis Stardust Sample Analysis Astro E/Sizusku Guest Observer — Cycle 1 Resolicitation	104 22 18 30 158	18 4 6 22 59	17% 18% 33% 73% 37%	Planetary Science Planetary Science Planetary Science Planetary Science Astrophysics	231 130 472 107	
2005 2005 2005 2005	Astroohvisc Research and Anahois Astroohvisc Theory Program Bewond Einstein Foundation Science Concept Studies for the Joint Dark Energy Mission FLISE Guest Investigator — Cocle 7 GALEX Custel Investigator — Orde 2 GALEX Custel Investigator — Orde 2	160 128 54 6 81 64	45 20 6 3 49 25	50% 60% 39%	Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics	89 118	
2005 2005 2005 2005	Rossi K-ray Timing Explorer Guest Observer - Cycle 11 Swift Guest Investigation - Cycle 2 Terrestrial Planet Finder / Foundation Science Terrestrial Planet Finder Coronascianch / Instrument Conceot Studies Applied Information Systems Research Interfescionary Subortation Science	131 67 25 13 174 100	59 33 3 5 33 3	12% 38% 19% 3%	Astrophysics Astrophysics Astrophysics Astrophysics Cross division Cross division		
2005 2005 2005 2005 2005 2005	Oricins of Solar Systems Advanced Component Technology Advanced Information Systems Technology Advanced Information Systems Technology Advancina Collaborative Connections for Earth-Sun System Science Almosaberic Composition - B (Kinefact) Almosaberic Composition - B (Kinefact)	98 92 99 50 12 23	31 14 28 16 8	32% 15% 28% 32% 67% 70%	Cross division Earth Science Earth Science Earth Science Earth Science Earth Science Earth Science	375 194 113 188	Selected 6/21/06 Selected 10/14/05 Selected 3/31/06 Selected 10/14/05 Selected 11/14/05
2005 2005 2005 2005	Altmospheric Composition: B. inveness) Altmospheric Composition: B. inveness Internative Composition: B. Inveness Decision Succest Team and Modelino/Analysis of A-Train Related if Decision Succest Trains and Earth-Sun Science Research Results Decision Succest Trains and Internative Composition State of the Composition S	23 67 120 94 71 71	30 40 33 35 19	45% 33% 35% 49% 27%	Earth Science Earth Science Earth Science Earth Science Earth Science	110 150 N/A 86 216	Selected 3/31/06 Selected 5/2207 Selected 6/106 Selected 8/107 Selected 4/106
2005 2005	Land Cover/Land Use Change (LCLUC) Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA)	83 37	14 22	17% 59%	Earth Science Earth Science	143 286	Selected 11/4/05. 83 Step-2 proposals were submitted, there were 173 Step-1. Selected 9/1/05

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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 Kave notes higher at start, then
2005	NASA Energy and Water Cycle Study (NEWS) New (Early Career) Investigator Program in Earth Science	50 84	5 25	10%	Earth Science Earth Science	200	Selected 12/29/06 Selected 5/8/06
2005	North American Carbon Program	79	12	15%	Earth Science	225	Selected 6/29/06.
2005	Ocean Biology and Biogeochemistry Ocean Vector Winds Science Team	57 57	22	32% 39%	Earth Science Earth Science	243	Selected 4/7/06 Selected 4/4/06
2005	Remote Sensing Science for Carbon and Climate Terrestrial Ecology and Biodiversity	44 34	10	23%	Earth Science Earth Science	180	Selected 4/4/06 Selected 4/17/06
2005	Terrestrial Hydrology	59	12	20%	Earth Science	125	Selected 5/1/05 Selected 5/1/07
	Geospace Science Living With a Star Targeted Research and Technology	156 163	27 51	17% 31%	Heliophysics Heliophysics		
2005	Living With a Star Targeted Research and Technology: NASA/NSF Partnership for	18	6	33%	Heliophysics		
2005	Magnetospheric Multiscale Mission Interdisciplinary Science Teams Solar and Heliospheric Physics	18 150	18		Heliophysics Heliophysics		
2005	Virtual Observatories for Solar and Space Physics Data	17	11 16		Heliophysics	ľ	Funds sent out in FY 08 & 09 were \$1.952k & \$1.376k respectively
2005	2001 Mars Odvssev Participating Scientists Astrobiology Science and Technology for Exploring Planets (ASTEP)	88	0		Planetary Science Planetary Science		
2005	Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Exobiology and Evolutionary Biology	88 160	0 28	0% 18%	Planetary Science	N/A 133	
2005	Cosmochemistry	84	43	51%	Planetary Science	130	
2005	Discovery Data Analysis Mars Data Analysis	21 96	14 27		Planetary Science	93 67	
2005	Mars Exploration Rovers (MER) Participating Scientists	35 120	8	23%	Planetary Science	90	
2005	Mars Fundamental Research (MFRP) Near Earth Object Observations (NEOO)	120	5		Planetary Science Planetary Science	80 257	
2005	Outer Planets Research Planetary Astronomy (PAST)	81 38	29	36% 61%	Planetary Science Planetary Science	81 89	
2005	Planetary Atmospheres (PATM)	84 121	29		Planetary Science	104	
2005	Planetary Geology and Geophysics (PGG) Planetary Instrument Definition and Development	121	58 10		Planetary Science Planetary Science	67 234	
2005	Planetary Protection Research	11	2	18%	Planetary Science	130	
2005	Sample Return Laboratory Instruments and Data Analysis Astrophysics Data Analysis	12 84	23	50% 27%	Planetary Science Astrophysics	266	
2004	Astrophysics Research and Analysis	163	69	42% 20%	Astrophysics	103	
2004	Astrophysics Theory Program Beyond Einstein Foundation Science	69	16	23%	Astrophysics Astrophysics	103	
2004	FUSE Guest Investigator - Cycle 6 GALEX Guest Investigator Cycle 1	143 101	45 53	31% 52%	Astrophysics Astrophysics		
2004	INTEGRAL	35	26	74%	Astrophysics		
2004	Long-Term Space Astrophysics Origins Science Mission Concept Studies	88 26 150	19 9	35%	Astrophysics Astrophysics		
2004	RXTE Guest Investigator - Cycle 10 Terrestrial Planet Finder Foundation Science	150 15	69	46% 27%	Astrophysics		
2004	New Millennium Space Technology 9	37	11	30%	Astrophysics Cross division		
2004	Carbon Cycle Science EARTH SCIENCE OUTREACH INVESTIGATOR AWARDS	303	59	19% 8%	Earth Science Earth Science		
2004	INSPIRING THE NEXT GENERATION OF FARTH EXPLORERS: INTEGRATED SE	24 146	33	23%	Earth Science		
2004	Instrument Incubator Program Modeling, Analysis and Prediction Climate Variability and Change	83 225	65	28% 29%	Earth Science Earth Science		
2004	NASA Energy & Water Cycle Step-2 Oceans & Ice	196 293	33 53	17%	Earth Science		
	Oceans & Ice Tropical Cloud Systems and Processes	198	25	13%	Earth Science		
2004	Geospace Science Living With a Star Targeted Research and Technology	121 148	41 49	34% 33%	Heliophysics Heliophysics		
2004	SEC Guest Investigator	172	64	37%	Heliophysics		
2004	SEC Theory Solar and Heliospheric Physics	26 150	9 51	35% 34%	Heliophysics Heliophysics		
2004	Astrobiology Science and Technology for Exploring Planets (ASTEP)	39 91	9	23%	Planetary Science	682	
2004	Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Exobiology and Evolutionary Biology	130	51 36	10% 39%	Planetary Science Planetary Science	296 134	
2004	Cosmochemistry Critical Issues in Electric Propulsion	69 13	4	52% 31%	Planetary Science Planetary Science	121	
2004	Discovery Data Analysis	15	12	80%	Planetary Science	44	
2004	Hyabusa Participating Scientists In-Space Propulsion - Cycle 3	3 12	1	33% 8%	Planetary Science Planetary	600	
2004	Mars Data Analysis	108	45 43	42%	Planetary Science	69	
2004	Mars Fundamental Research (MFRP) Near Earth Object Observations (NEOO)	6	5	83%	Planetary Science Planetary Science	75 317	
2004	Origins of Solar Systems (Planetary) Outer Planets Research	92 166	39 54	42% 33%	Planetary Science Planetary Science	69 87	
2004	Planetary Astronomy (PAST)	41	29	71%	Planetary Science	74	
	Planetary Atmospheres (PATM) Planetary Geology and Geophysics (PGG)	75 117	43 73	57% 62%	Planetary Science Planetary Science	85 87	
2004	Planetary Instrument Definition and Development Planetary Protection Research	66 10	11	17% 40%	Planetary Science	201	
2004	Sample Return Laboratory Instruments and Data Analysis	17	7	41%	Planetary Science Planetary Science	289	
2004	Stardust Participating Scientists Venus Express	24 13	18	75% 69%	Planetary Science Planetary Science	67	
2003	Astrophysics Data Analysis	111	31	28%	Astrophysics	U,	
2003	Astrophysics Research and Analysis Astrophysics Theory Program	133 133	51 32	38% 24%	Astrophysics Astrophysics		
2003	Einstein Probes FUSE Guest Investigator - Cycle 5	10 168	10 62	100%	Astrophysics Astrophysics		
2003	Long Term Astrophysics	94	17	37% 18%	Astrophysics		
2003	Swift Guest Investigator - Cycle 1 Terrestrial Planet Finder	63 45	35 16	56% 36%	Astrophysics Astrophysics	$-\overline{}$	
2003	Space Science Vision Missions	27 566	15 199	56%	Cross division		
2003	Earth System Science Research using Data and Products from TERRA. AQUA an Interdisciplinary Science in the NASA Earth Science Enterprise	566 346	199 60	35% 17%	Earth Science Earth Science		
2003	New (Early Career) Investigator Program in Earth Science	126 80	31 43	25%	Earth Science		
2003	The Ocean Surface Topography Science Team (OST/ST) Advanced Information Systems Research	123	33 11	27%	Earth Science Heliophysics		
2003	Geospace Sciences LCAS Geospace Sciences SR&T	27 95		41% 25%	Heliophysics Heliophysics		
2003	Living With a Star Targeted Research and Technology	187	52	28%	Heliophysics		
2003	SEC Guest Investigators Solar and Heliospheric Physics	82 119	33 25	40% 21%	Heliophysics Heliophysics		
2003	Advanced Electric Propulsion	9	10	22%	Planetary Science		
2003	Astrobiology Science and Technology for Exploring Planets (ASTEP) Astrobiology Science and Technology Instrument Development (ASTID)	35 47	20	43%	Planetary Science Planetary Science		
2003	Astrobiology: Exobiology and Evolutionary Biology Cosmochemistry	105 66	44 36	42% 55%	Planetary Science Planetary Science	140	
2003	Discovery Data Analysis	25	16	64%	Planetary Science	140	
	High Capability Instruments for Planetary Exploration Mars Data Analysis	29 85	11 37	38% 44%	Planetary Science Planetary Science	_	
2003	Mars Exploration Advanced Technologies	131	60		Planetary Science		
2003	Near Earth Object Observations (NEOO) Origins of Solar Systems (Planetary)	15 85	19	22%	Planetary Science Planetary Science		
2003	Planetary Astronomy (PAST) Planetary Atmospheres (PATM)	65 80	30 44	46% 55%	Planetary Science Planetary Science		
2003	Planetary Data System Nodes NRA	7	5	71%	Planetary Science		
2003	Planetary Geology and Geophysics (PGG) Planetary Instrument Definition and Development	115 58	62 15	54% 26%	Planetary Science Planetary Science		
2003	Planetary Instrument Definition and Development Planetary Protection Research	10	2	20%	Planetary Science		
2003	Sample Return Laboratory Instruments and Data Analysis	21	9	43%	Planetary Science		