



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

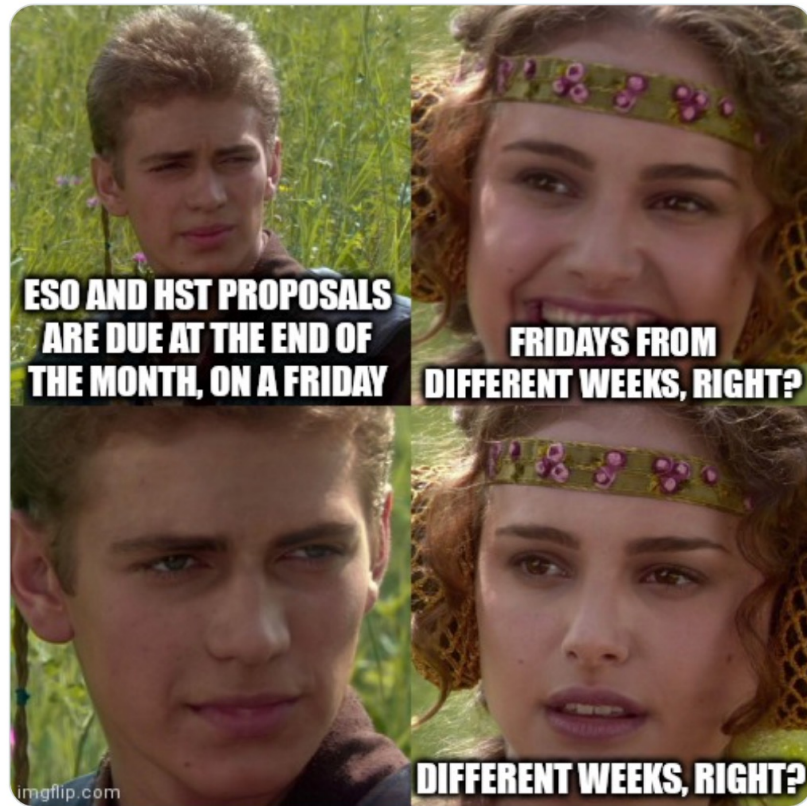
HST Cycle 30 Submission Statistics

Brett Blacker
Science Mission Office

April 1, 2022



And so it begins



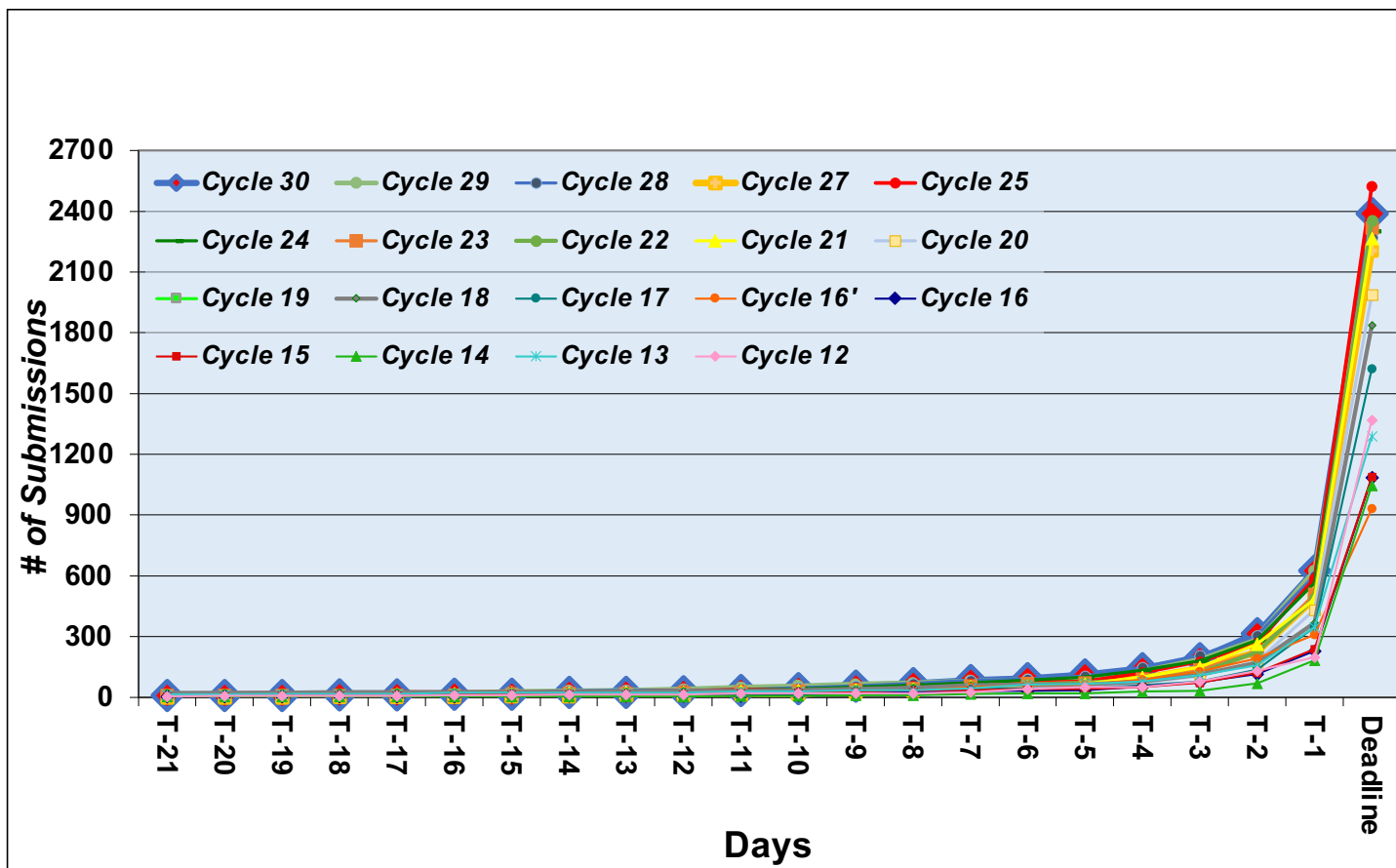


Cycle 30 Review Schedule

Date	Milestone
March 25, 2022	Cycle 30 Proposal Deadline
April 8, 2022	STScI releases proposals to panelists for review
May 2022	Orientation meeting for Panel Chairs
April 12, 2022	Orientation meeting for Virtual panelists
April 15, 2022	Deadline for panelists to identify conflicts of interest
April 13, 2022	Orientation meeting for External panelists
May 13, 2022	Deadline for Virtual panelists to submit preliminary grades for their assigned proposals
May 13, 2022	Deadline for External panelists to submit grades for their assigned proposals
May 15, 2022	STScI sends each virtual panelist the list of proposals to be discussed by their panel
May 20, 2022	Deadline for EC to submit preliminary grades for Large, Treasury and AR Legacy proposals
May 22, 2022	STScI releases list of proposals to be discussed during the EC meeting
June 1 – 3, 2022	Virtual panels meet
June 6 – 8, 2022	Executive Committee meets
June 10, 2022	Deadline for Panel Chairs to submit final consensus reports
July 1, 2022	STScI releases the Cycle 30 Science Program



Just another Normal Deadline

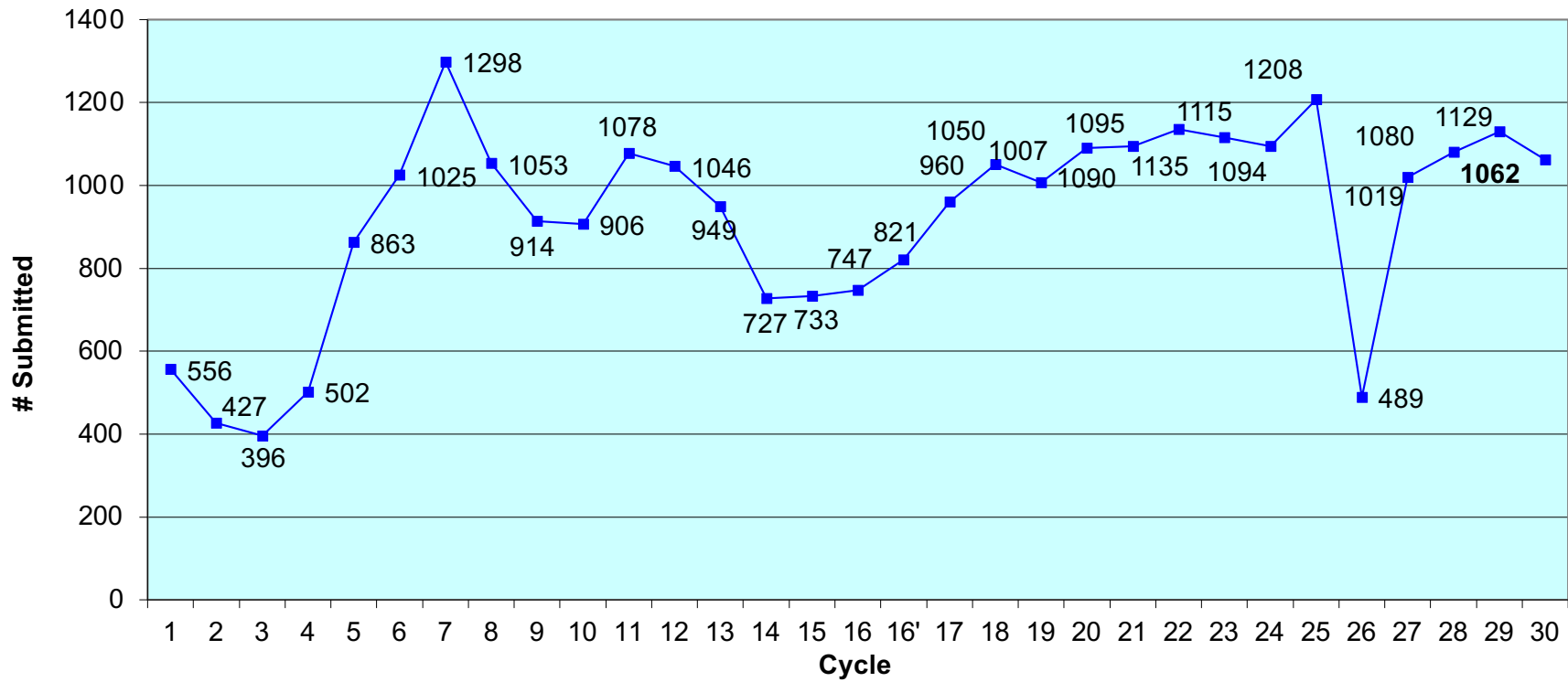




Proposal Statistics

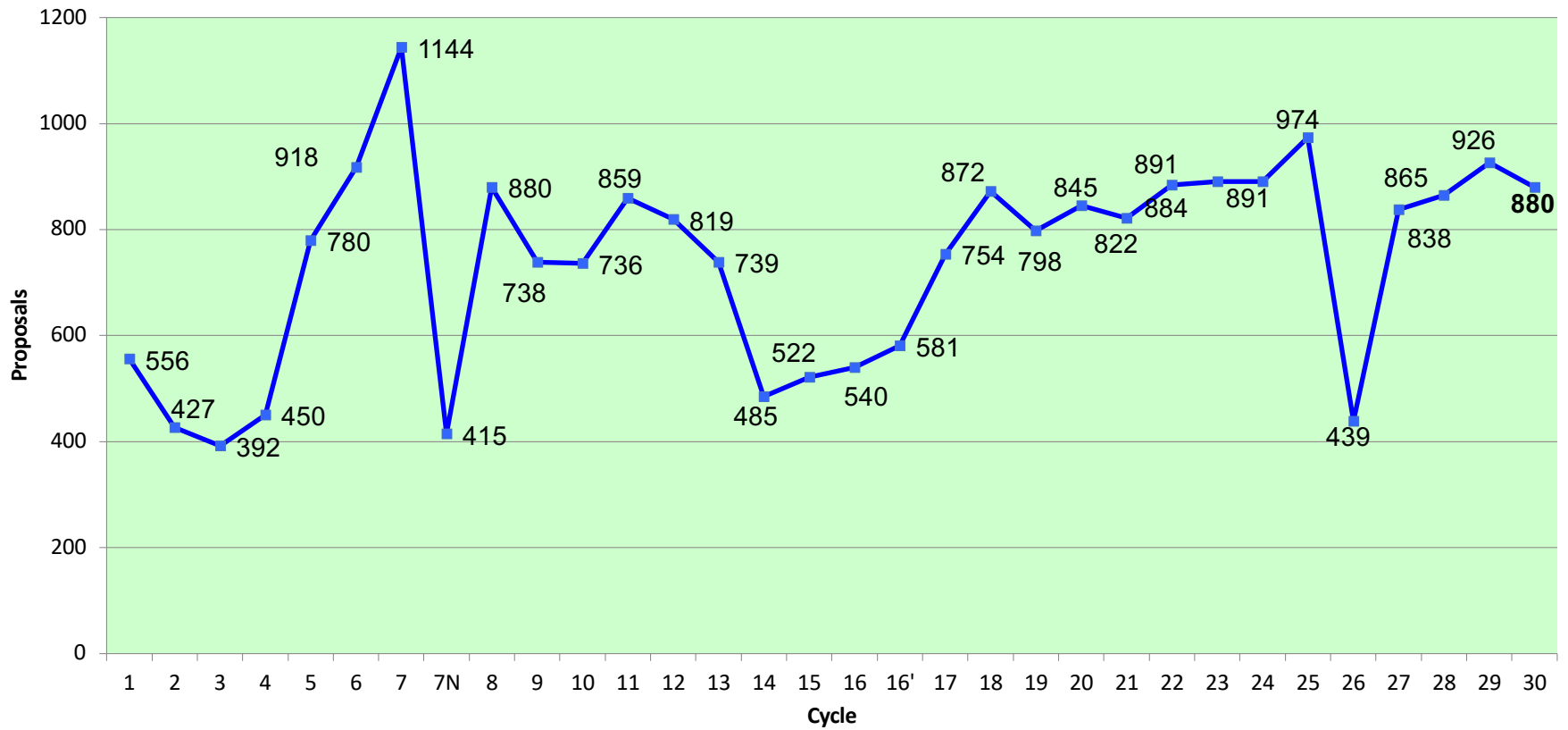


HST Proposal Submissions



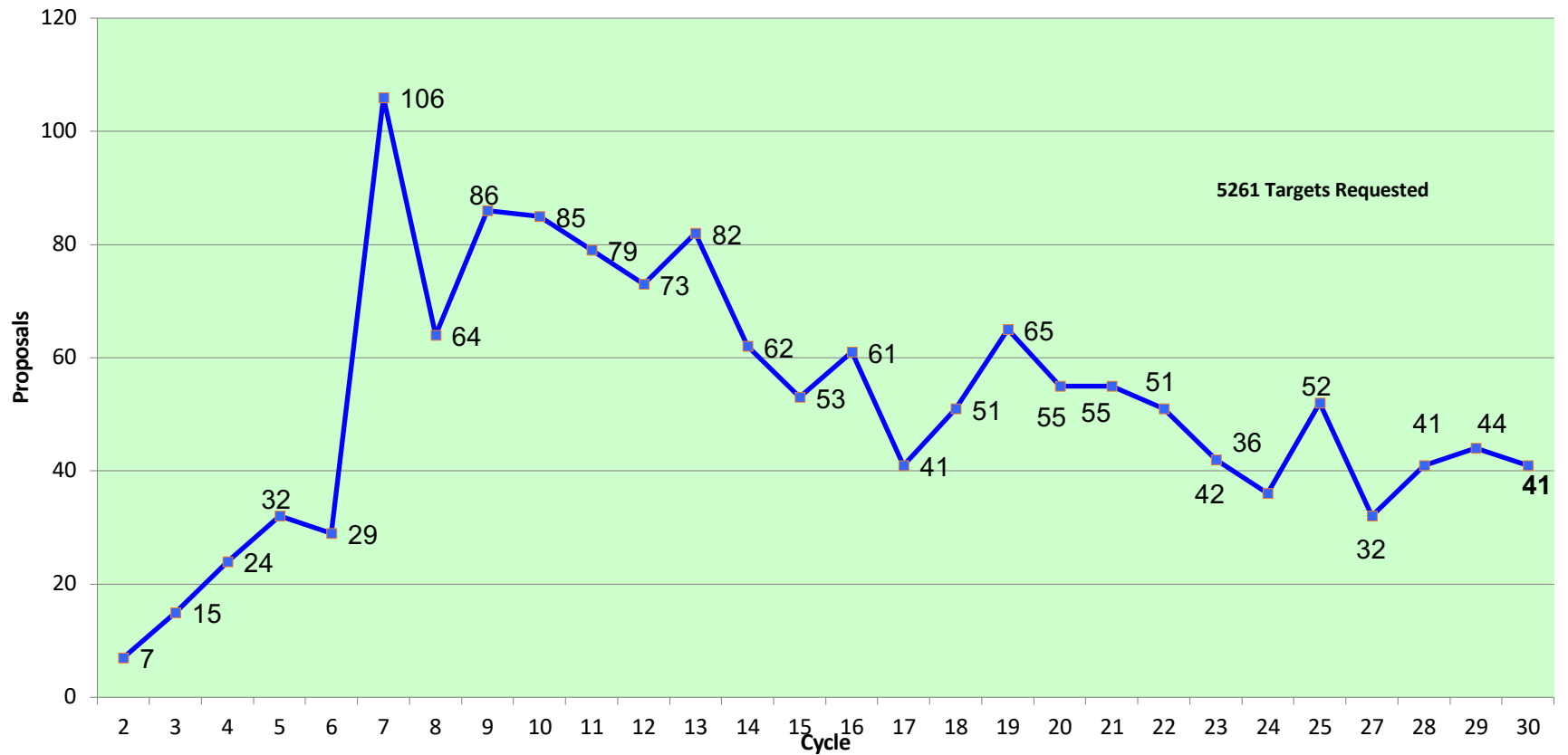


GO Proposal Submissions



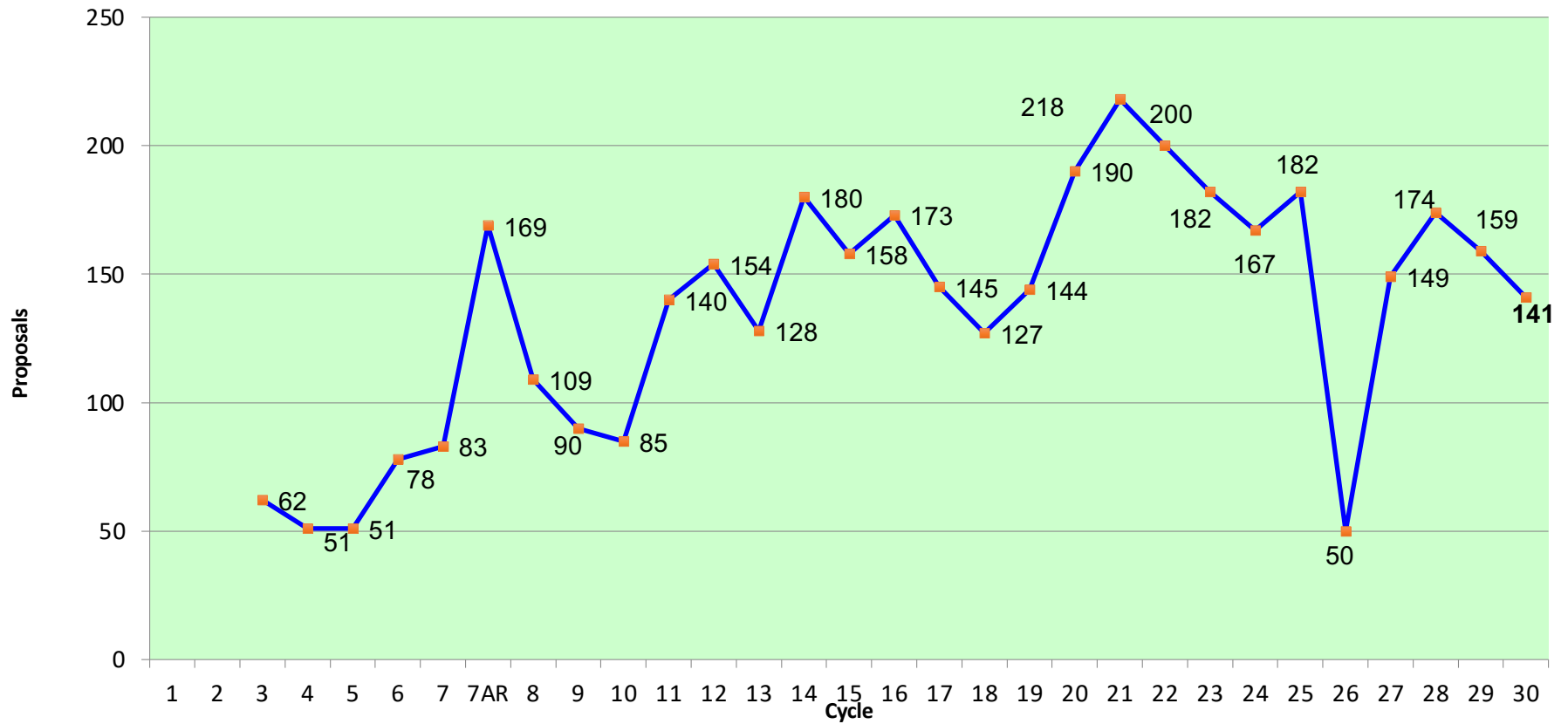


Snapshot Proposal Submissions



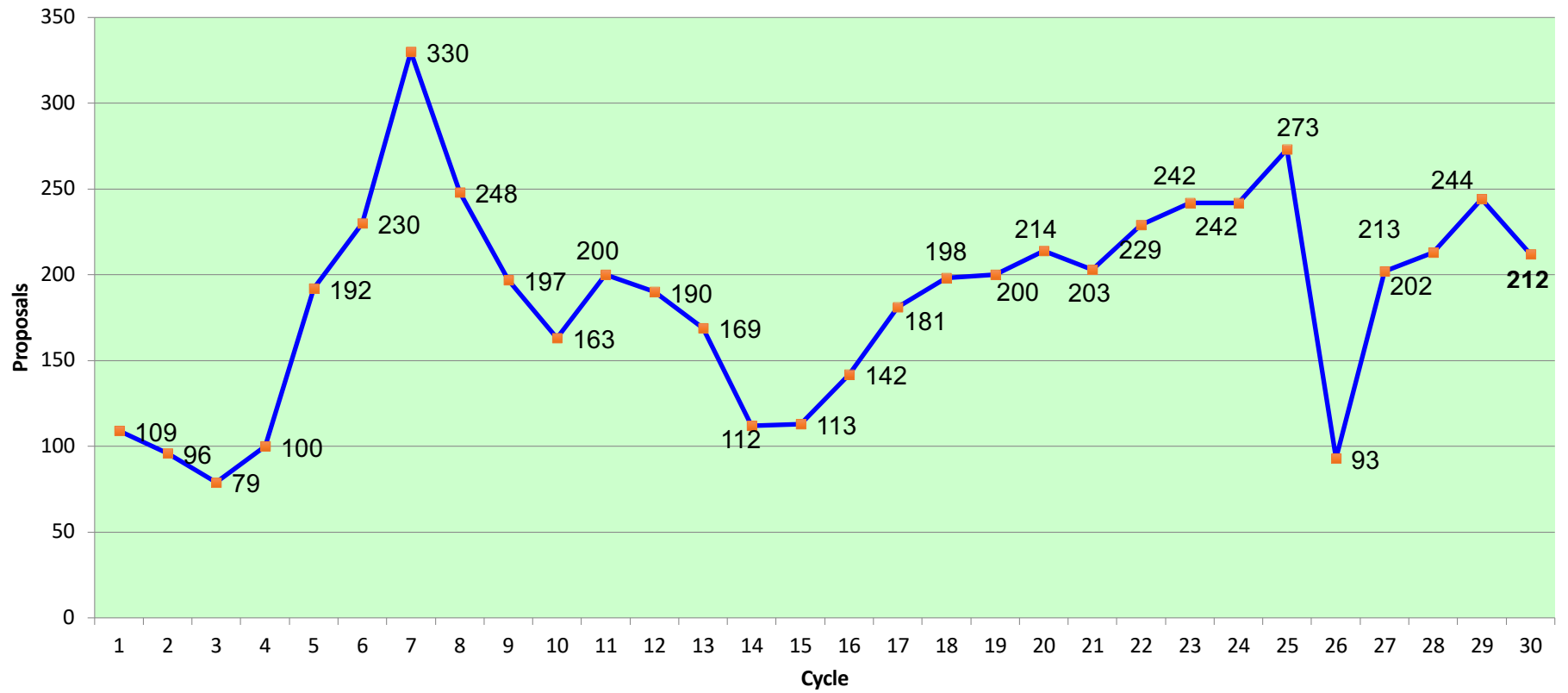


Archival Research Proposal Submissions



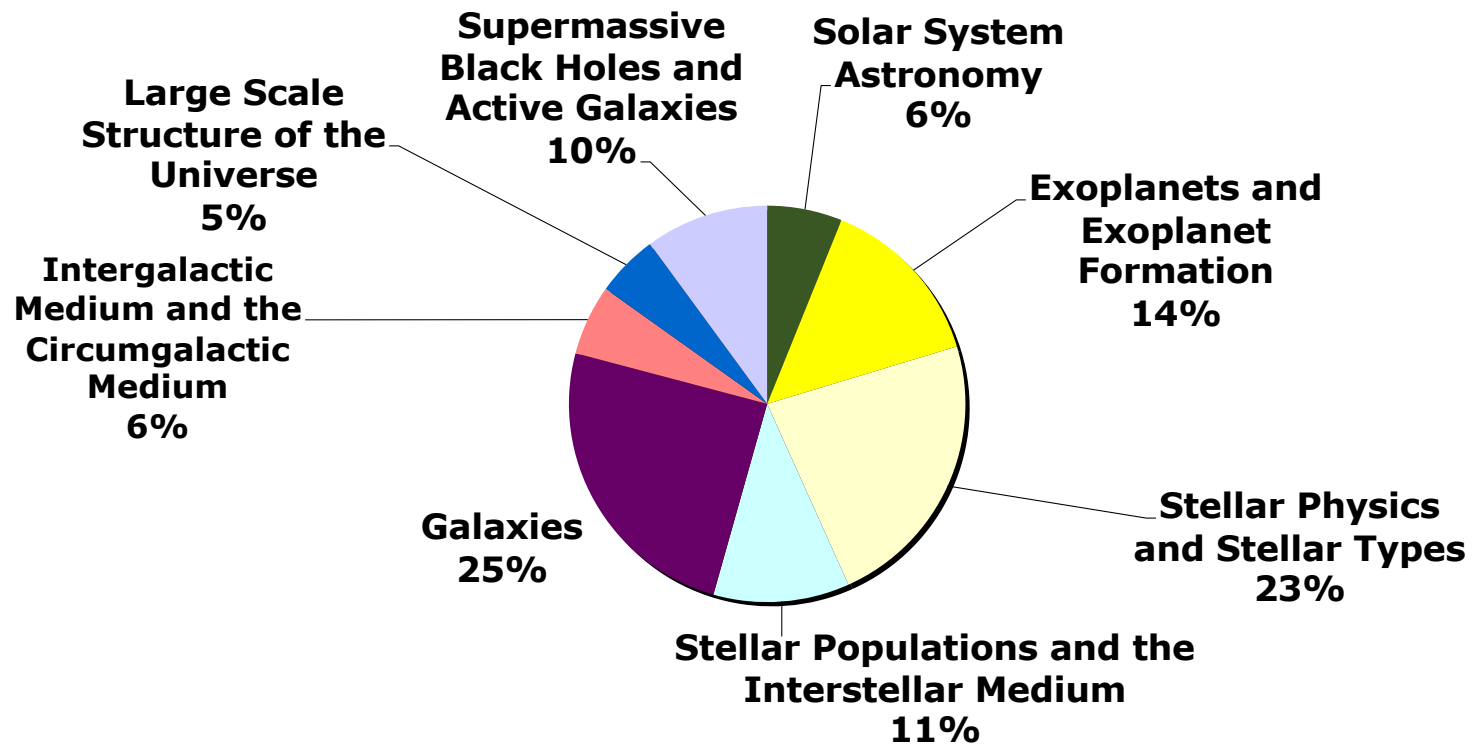


ESA Proposal Submissions





Science Categories for Proposals

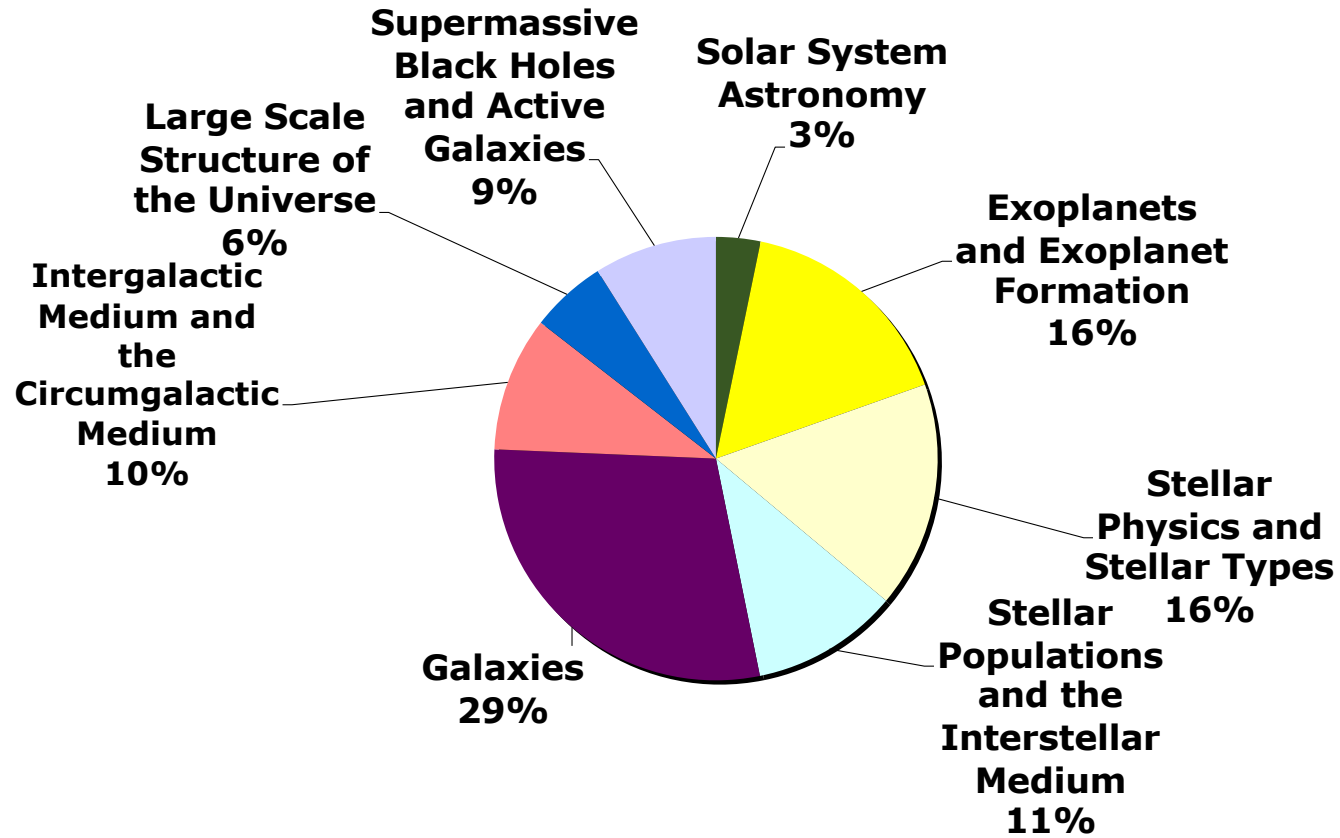




Orbit Information

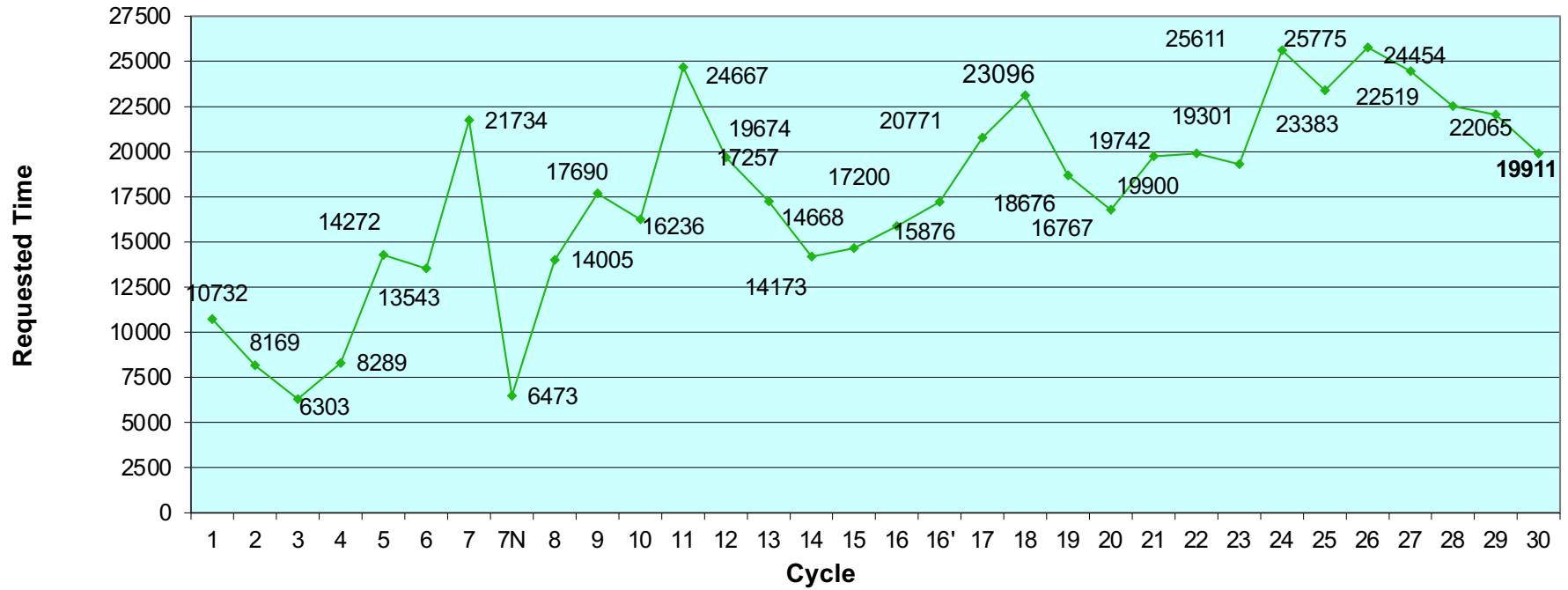


Science Categories for Orbits



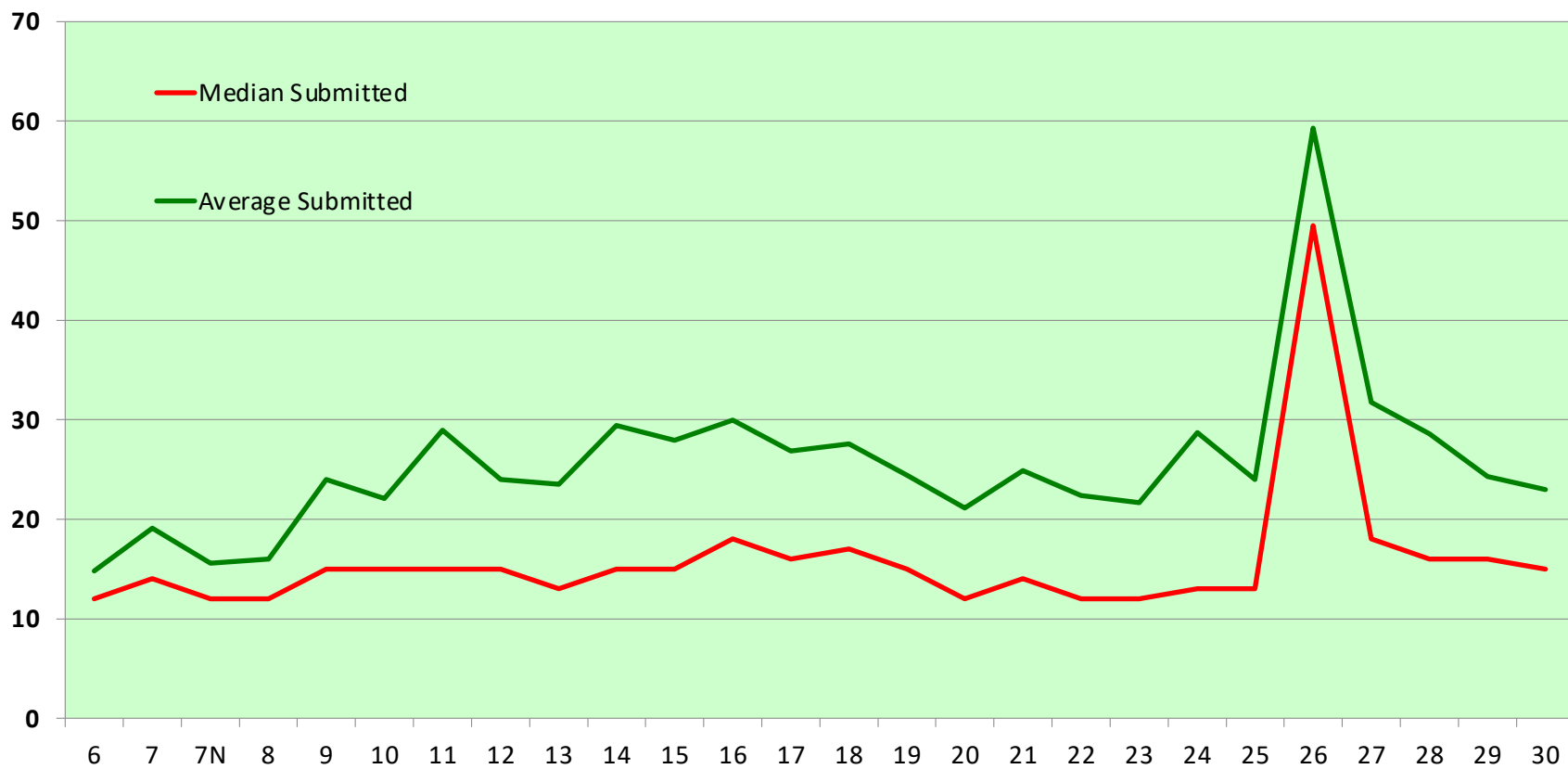


Orbits Requested



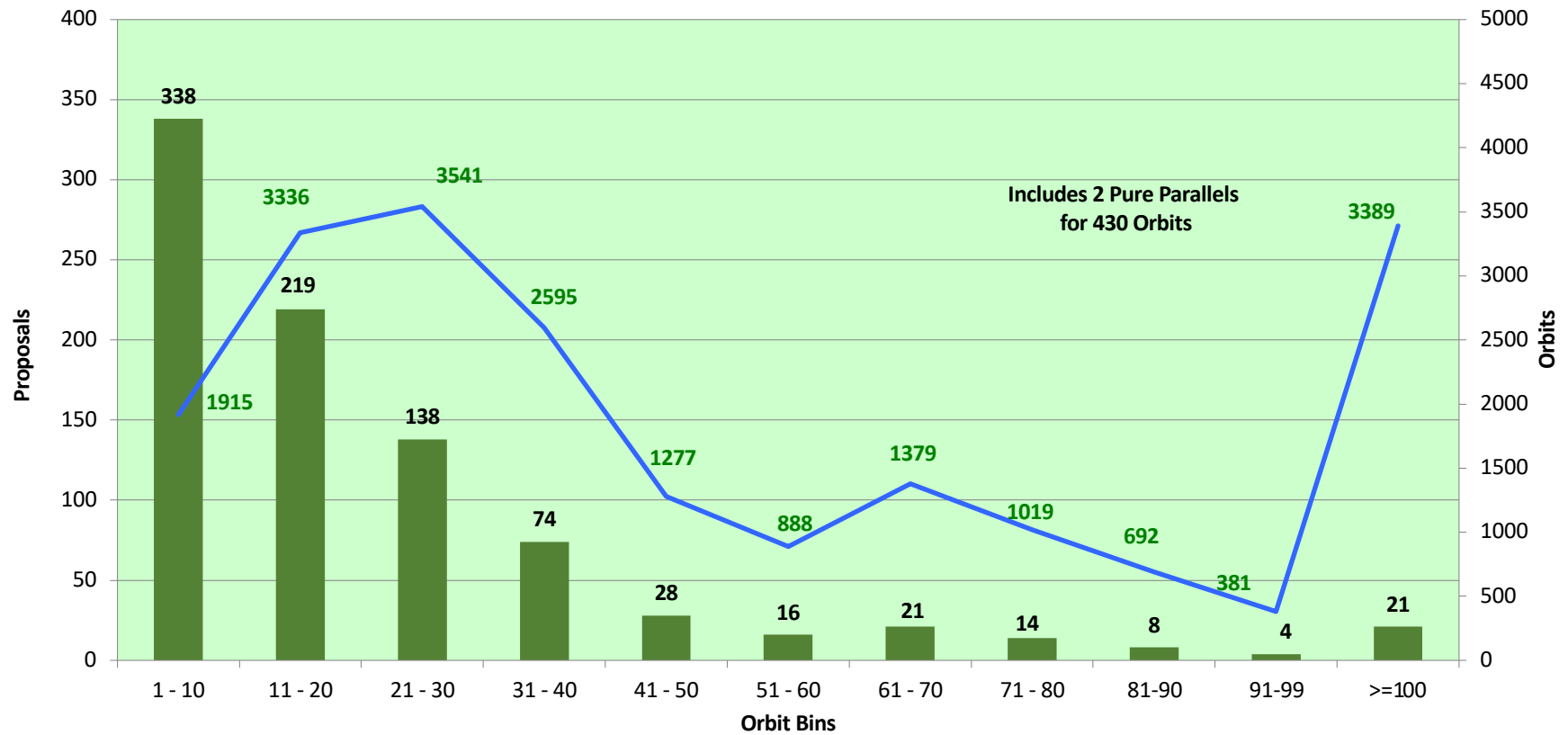


Orbit Size by Cycle



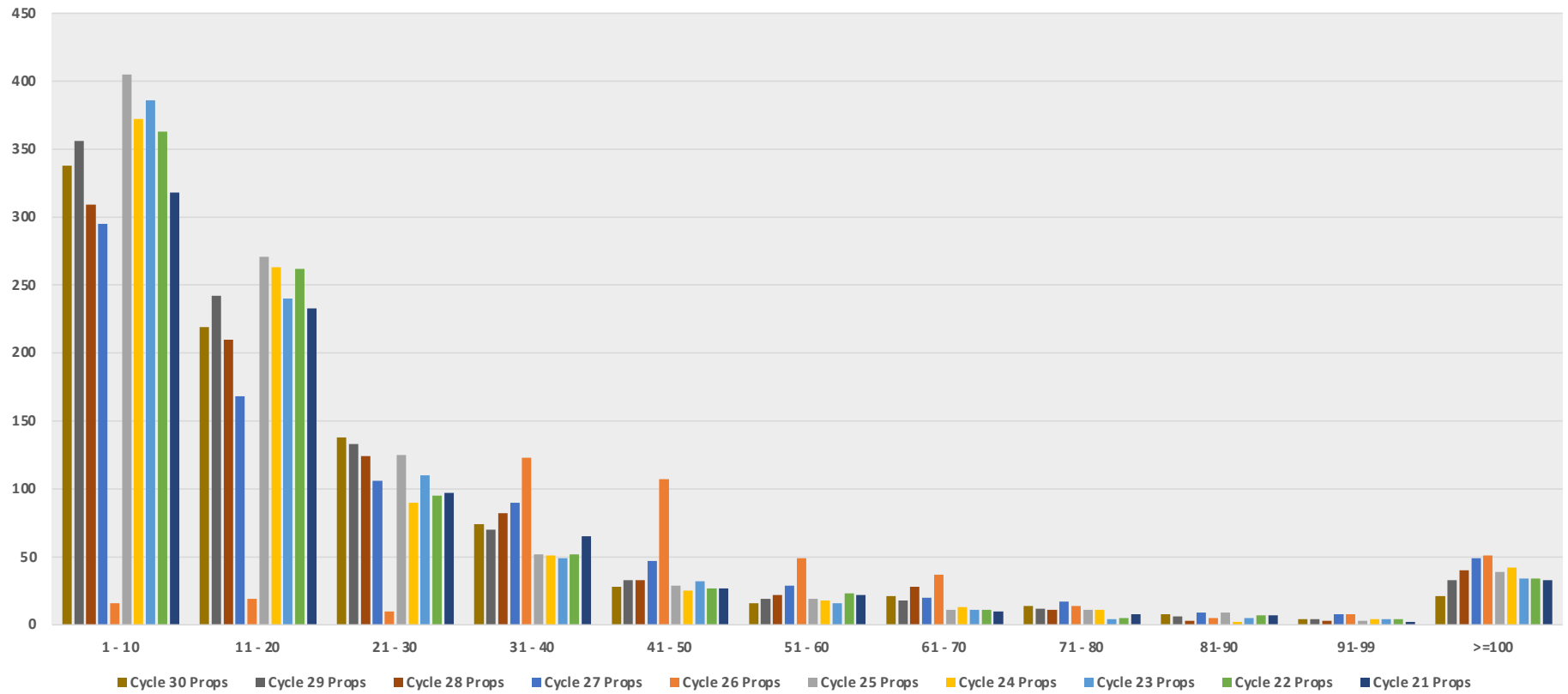


Requested Orbit Bins





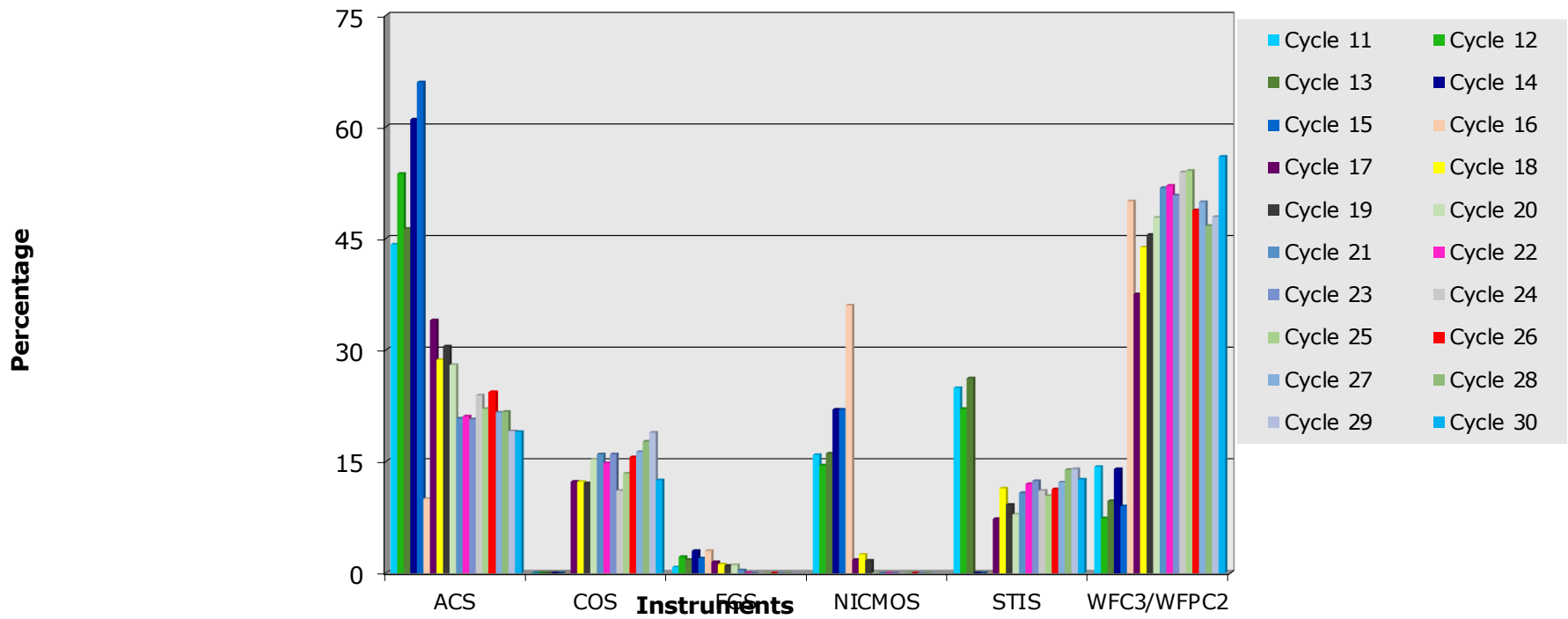
Orbits bins thru the Years





GO Requested Instruments

GO Requested Instruments





Instrument Modes

Configuration	Mode	Prime %	Coordinated Parallel %	Total	Prime Usage	Prime + Coordinated Parallel Usage	Pure Parallel Usage	Snap Usage
ACS/SBC	Imaging	1.42%	0.0%	1.2%			0.0%	0.0%
ACS/SBC	Spectroscopy	0.08%	0.0%	0.1%			0.0%	0.0%
ACS/WFC	Imaging	10.54%	54.7%	16.4%			0.0%	9.6%
ACS/WFC	Ramp Filter	1.34%	0.0%	1.2%	13.4%	19.0%	0.0%	5.0%
ACS/WFC	Spectroscopy	0.04%	0.3%	0.1%			0.0%	0.0%
COS/FUV	Spectroscopy	12.61%	0.0%	10.9%			0.0%	8.8%
COS/NUV	Imaging	0.15%	0.0%	0.1%	14.4%	12.5%	0.0%	0.0%
COS/NUV	Spectroscopy	1.62%	0.0%	1.4%			0.0%	0.0%
FGS	POS	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FGS	TRANS	0.00%	0.0%	0.0%			0.0%	0.0%
STIS/CCD	Imaging	1.41%	0.0%	1.2%			0.0%	0.0%
STIS/CCD	Spectroscopy	3.30%	0.0%	2.9%			0.0%	0.7%
STIS/FUV	Imaging	0.10%	0.0%	0.1%	14.5%	12.6%	0.0%	0.0%
STIS/FUV	Spectroscopy	3.35%	0.0%	2.9%			0.0%	0.0%
STIS/NUV	Imaging	0.03%	0.0%	0.0%			0.0%	0.0%
STIS/NUV	Spectroscopy	6.31%	0.0%	5.5%			0.0%	1.5%
WFC3/IR	Imaging	14.48%	10.5%	13.9%			3.0%	29.4%
WFC3/IR	Spectroscopy	5.05%	0.0%	4.4%	57.7%	56.0%	0.0%	0.0%
WFC3/UVIS	Imaging	36.58%	34.5%	36.3%			97.0%	45.0%
WFC3/UVIS	Spectroscopy	1.59%	0.0%	1.4%			0.0%	0.0%



Archival Research Requests (141)

Archival Research	# of Proposals
Regular	92
Theory	35
AR Legacy	14



GO Proposals Information (881 – 19,932)

Type	Proposals	HST Orbits
Small	726	9,816
Mediums	118	5,798
Large	25	2,786
Treasury	14	1,538
Pure Parallel	2	430
ESA	212	5,064



Joint Observatory Requests

Observatory	Proposals	Requested Time	HST Orbits
Chandra	9	910 Ksecs	145
NoirLab	8	19.06 Nights	172
NRAO	7	147 Hours	203
TESS	3	3 Targets	116
XMM	13	971 Ksecs	151



Targets of Opportunity Requests

	Proposals	HST Orbits
Disruptive	15	222
Non-Disruptive	21	438
Both	10	156
Long Term	19	401

Requests are for entire Proposal

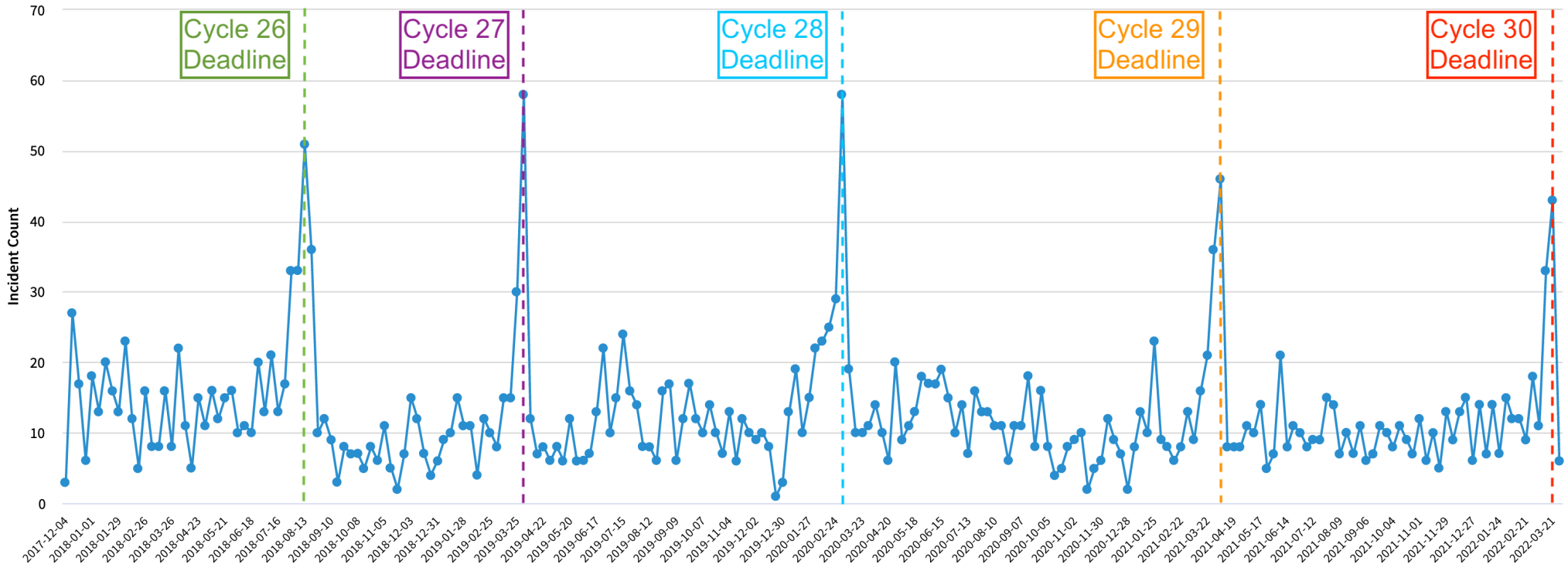


Special Initiatives

Initiative	Proposals	HST Orbits
UV	380 + 37 ARs	9,818
Fundamental Physics	26=1 + 7 ARs	685
Cloud Computing	2	-
Data Science Software	8	-
Calibration	3 Ars + 2 GOs	10



Help Desk Questions





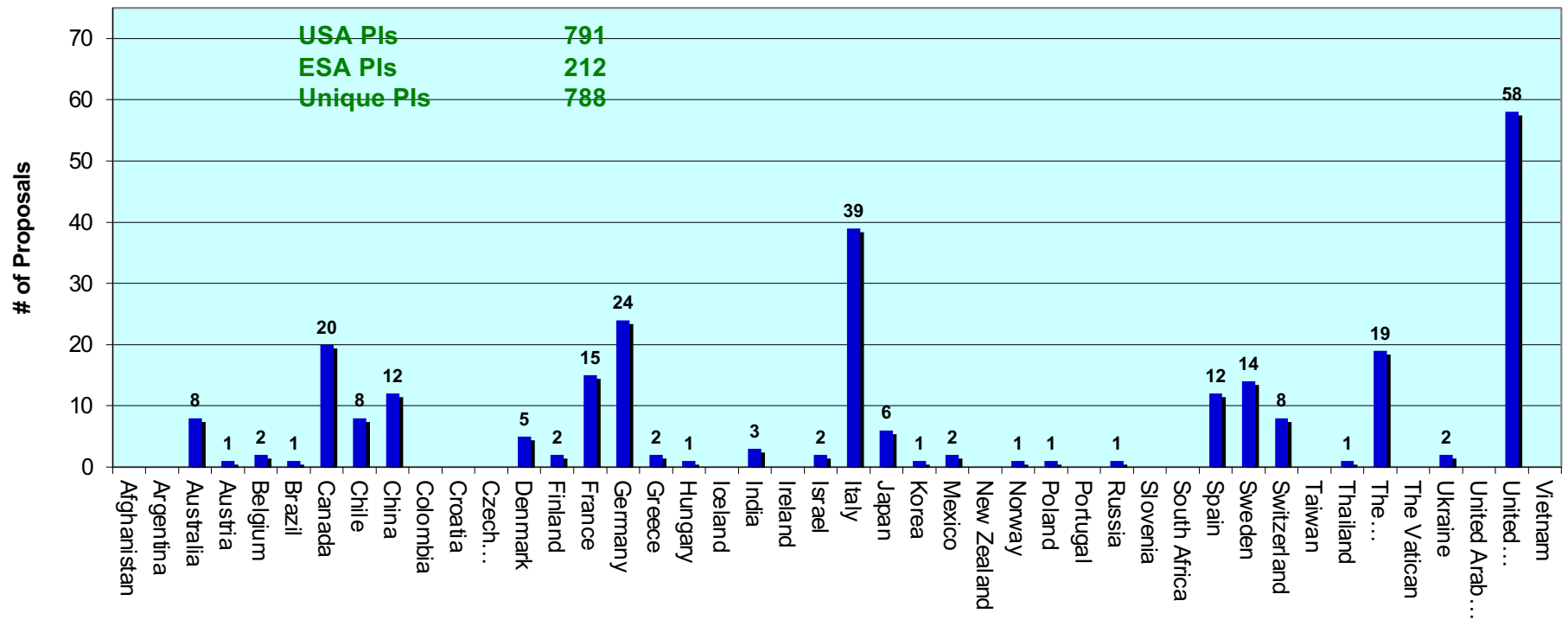
Investigator Demographics

Countries of Investigators

Country	PI	Col	CoPI	Country	PI	Col	CoPI	Country	PI	Col	CoPI
Afghanistan		1		Greece	2	14	1	South Africa		5	
Argentina		9		Hungary	1	3		Spain	12	144	3
Australia	8	142	3	Iceland		2		Sweden	14	119	8
Austria	1	12	1	India	3	23	2	Switzerland	8	100	
Belgium	2	32	2	Ireland		24	2	Taiwan		10	2
Brazil	1	22	5	Israel	2	40	1	Thailand	1	3	
Canada	20	178	8	Italy	39	402	3	The Netherlands	19	170	9
Chile	8	122	7	Japan	6	95	2	The Vatican		3	
China	12	95	10	Korea	1	16		Ukraine	2	6	
Colombia		1		Mexico	2	35	1	United Arab Emirates		7	1
Croatia		2		New Zealand		3		United Kingdom	58	530	27
Czech Republic		6		Norway	1	9		United States	791	4957	213
Denmark	5	78	4	Poland	1	13		Vietnam		1	
Finland	2	9		Portugal		6					
France	15	178	9	Russia	1	32	1				
Germany	24	351	13	Slovenia		1					

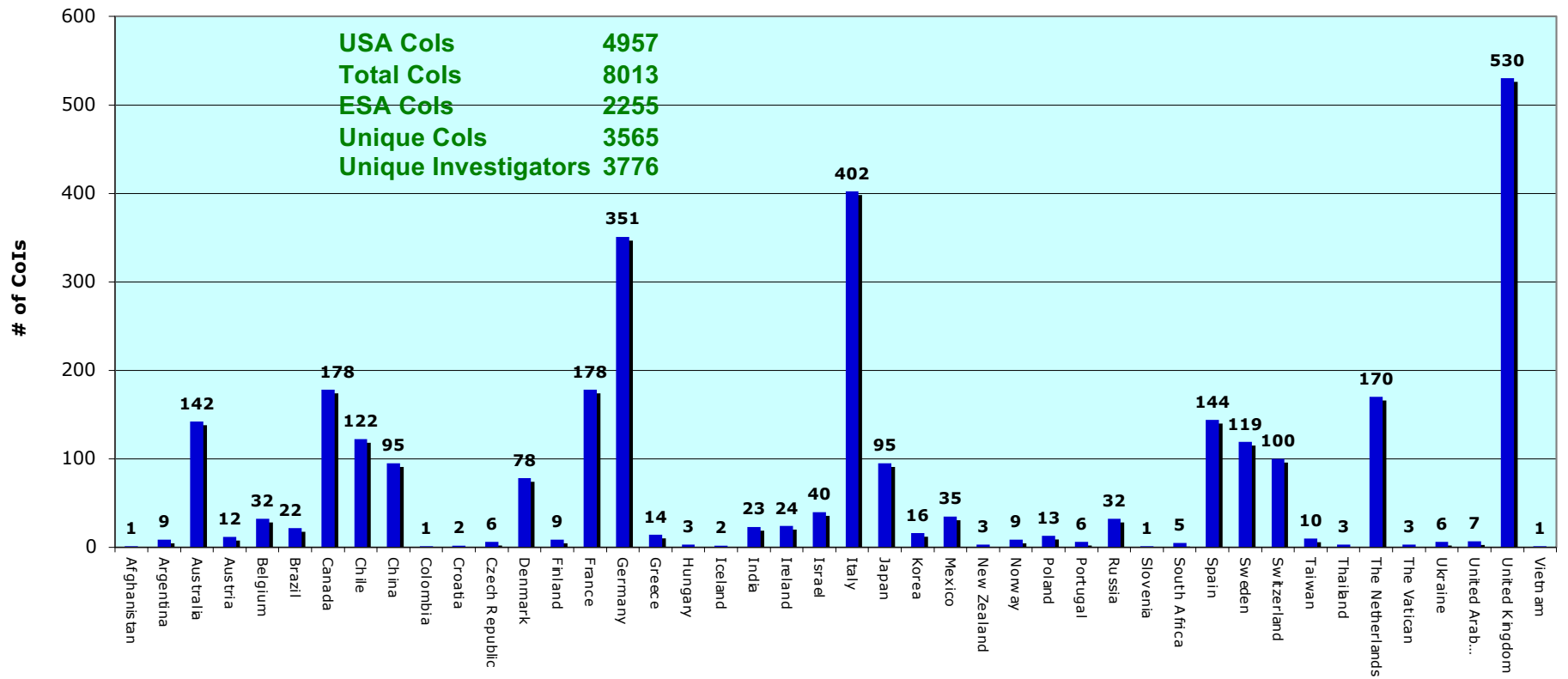


PI Countries





Co-Investigator Countries



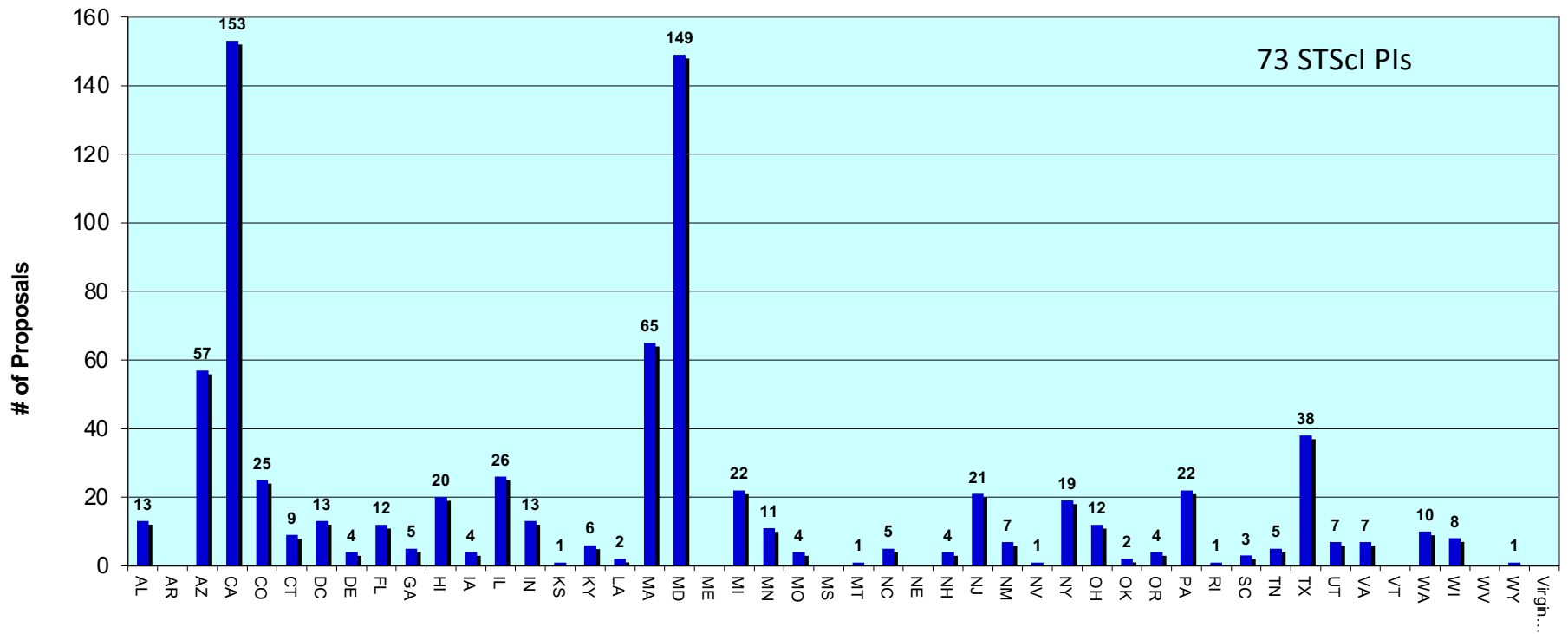


US States and Territories of Investigators

US State	PI	CoI	CoPI	US State	CoI	CoPI	CoI	US State	PI	CoI	CoPI
AL	13	47	3	LA	2	4		OH	12	89	4
AR		1		MA	65	367	17	OK	2	11	
AZ	57	413	14	MD	149	1117	41	OR	4		
CA	153	916	30	ME		2		PA	22	107	6
CO	25	78	5	MI	22	141	6	RI	1	2	
CT	9	51	2	MN	11	86	10	SC	3	15	1
DC	13	157	11	MO	4	24	2	TN	5	12	1
DE	4	6	1	MS		1		TX	38	253	13
FL	12	70	2	MT	1	3		UT	7	41	1
GA	5	41	6	NC	5	26	2	VA	7	94	2
HI	20	91	3	NE		1		VT		5	
IA	4	15		NH	4	13	2	WA	10	40	
IL	26	201	8	NJ	21	95	5	WI	8	55	2
IN	13	74	4	NM	7	35		WV		3	
KS	1	13		NV	1	3		WY	1	6	2
KY	5	10	3	NY	19	122	4	Virgin Islands		2	

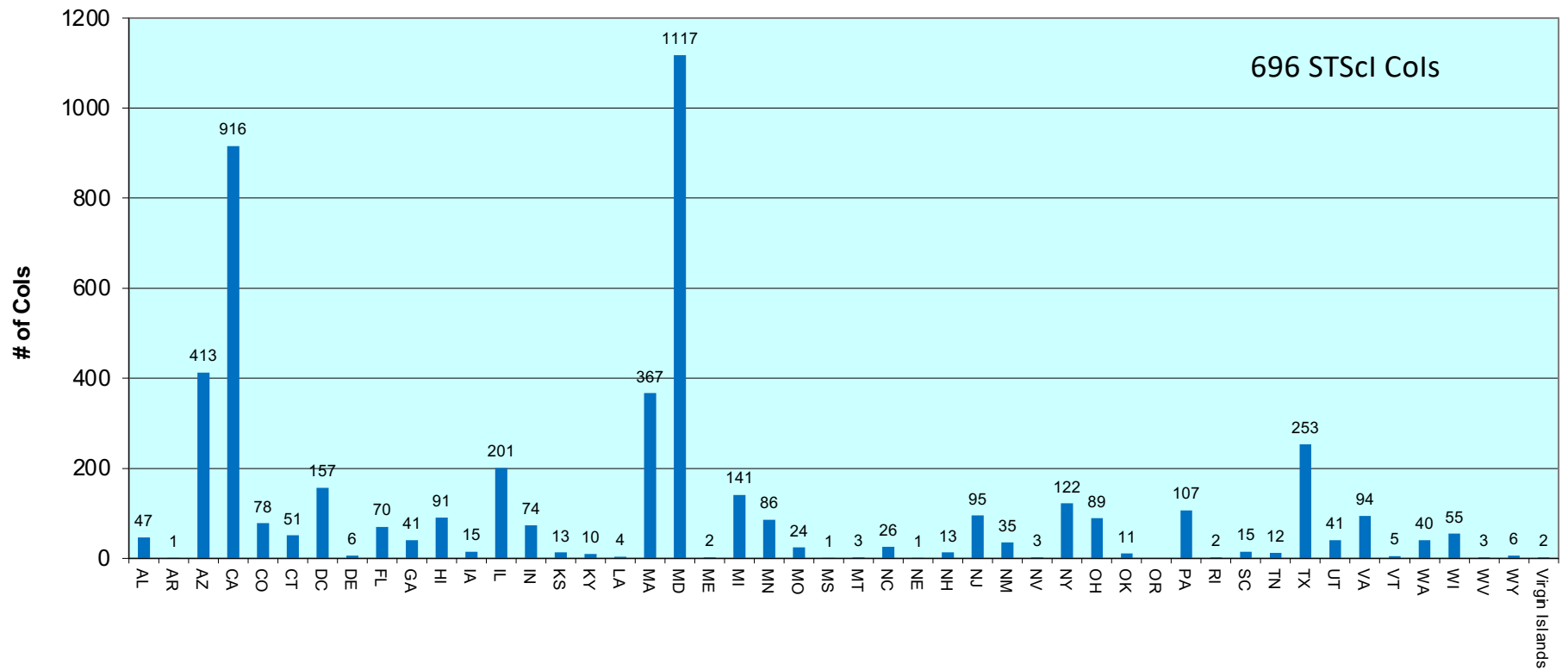


PI States and Territories





Co-Investigator US States and Territories





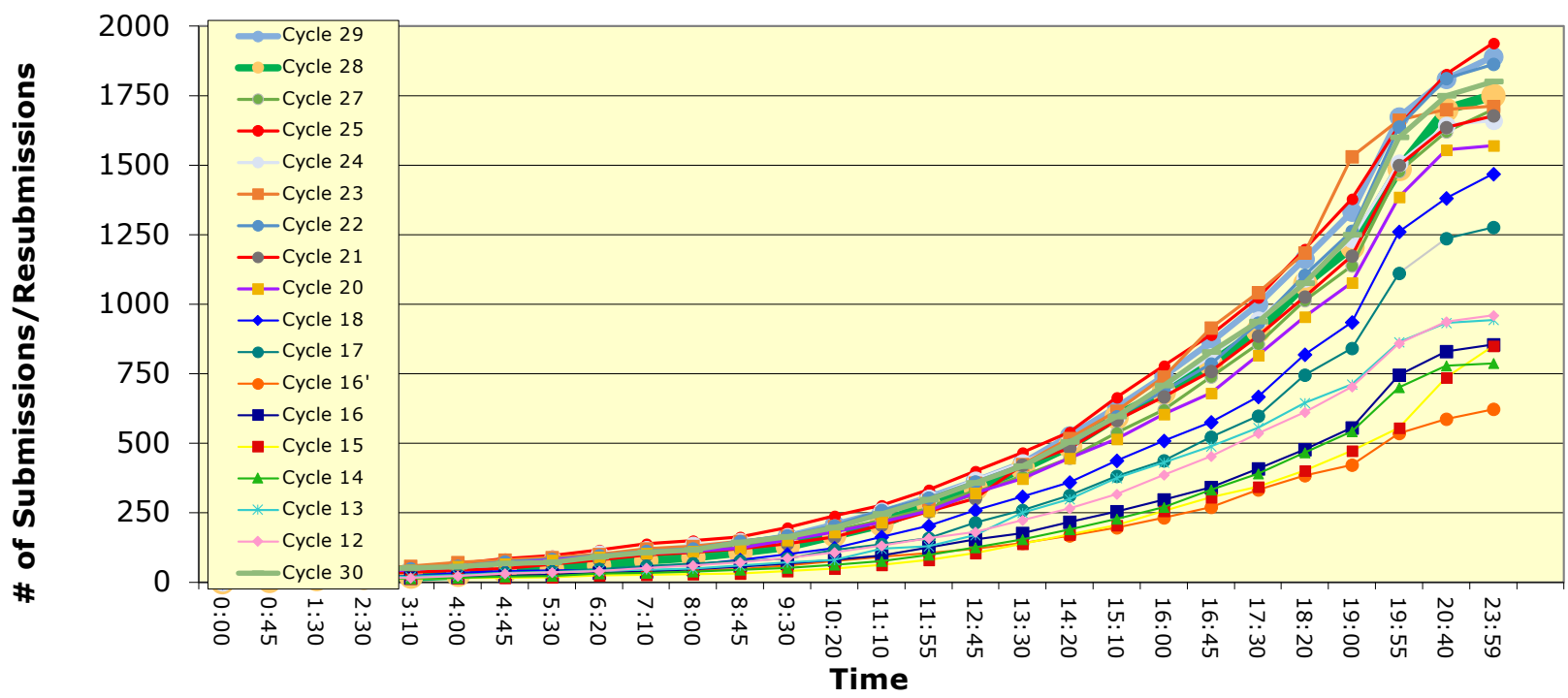
Demographics

PIs	1,062
Unique PIs	788
Unique PI Institutions	288
Countries	30
US States and Territories	41
Cols	8013
Unique Cols	3565
Total CoPIs	338
Total Investigators	9,079
Unique Investigators	3,776
Unique Institutions	659
ESA PIs	212
ESA Cols	2,255
ESA CoPIs	88
Col Countries	45
Col US States and Territories	47



Some things never change

Proposal Submissions/Resubmissions on Day of Deadline



**THERE WILL COME A DAY WHEN
CHERRY COKE ZERO IS NOT NEEDED**



BUT IT IS NOT THIS DAY!

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