

A photograph of the Aurora Borealis (Northern Lights) in shades of green and yellow, illuminating a dark sky. Below the lights, a dense forest of evergreen trees is silhouetted against the horizon. The foreground shows a body of water reflecting the lights and the dark shapes of the trees.

NSF AGS: Progress Towards Achieving Decadal Survey Goals

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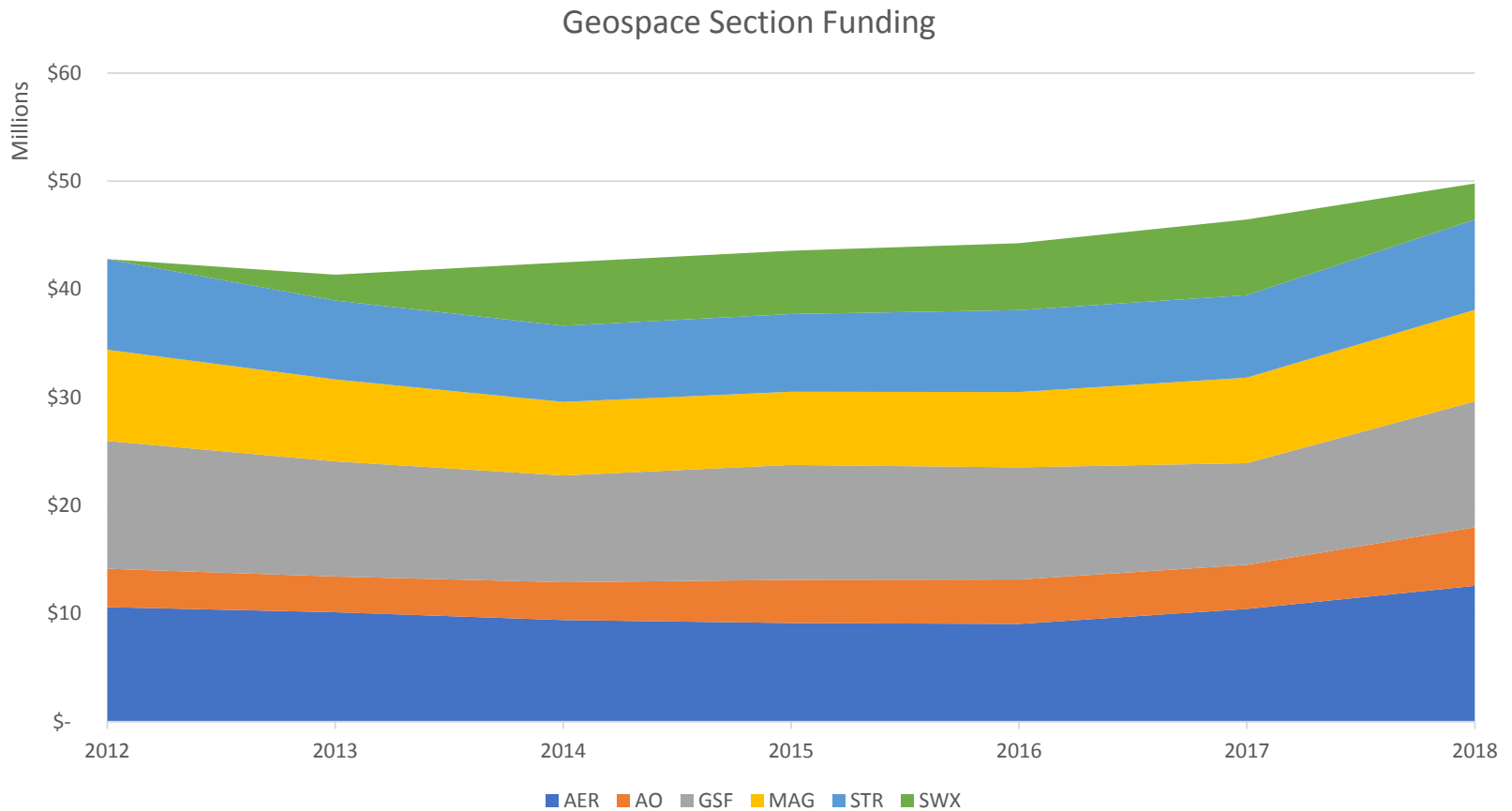


Questions for NSF

- **NSF-1:** What are the budget numbers for each DRIVE element for the past couple of years?
 - It would be helpful for our committee evaluation to have that support broken down by science, operations, facilities, technology development and to have that support by element identified as new funding or new programs and from previously existing programs. We recognize that parts of DRIVE support could be related to R&A in supporting observatories and harder to estimate that type support, so we would appreciate a good first-order estimate of DRIVE element budgets as soon as is feasible.
- **NSF-2:** The committee is interested in knowing more about the DRIVE impacts.
 - What percent of proposals are being accepted and has that trend changed over the past few years?
 - What percent of proposals that are rated Excellent or Very Good are not being funded?
 - What percentage of accepted proposals are going to early career scientists?



Q1 – Drive funding





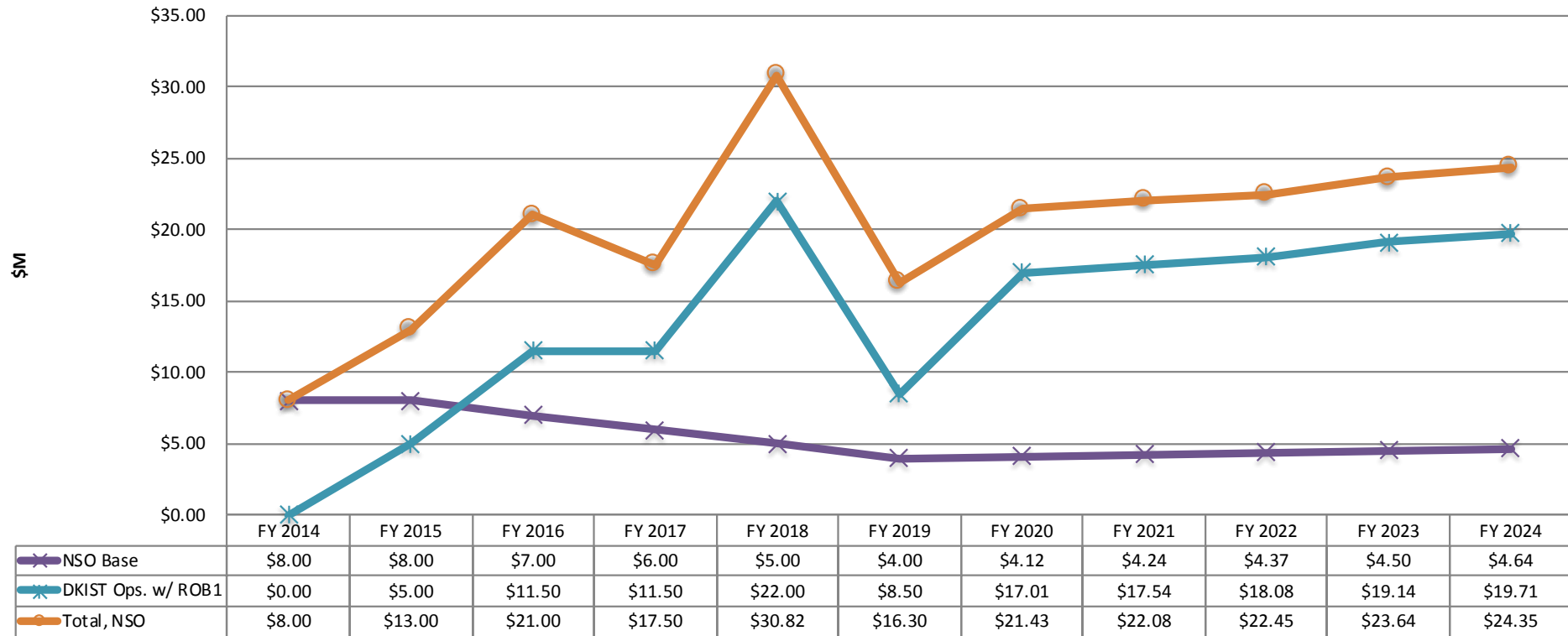
Q1 – DRIVE Funding

Year	AER	AO	GSF	MAG	STR	SWX	Grand Total
2012	\$ 10,595,500	\$ 3,568,732	\$ 11,807,271	\$ 8,450,886	\$ 8,360,531		\$ 42,782,920
2013	\$ 10,127,760	\$ 3,300,000	\$ 10,649,279	\$ 7,574,286	\$ 7,302,900	\$ 2,393,826	\$ 41,348,050
2014	\$ 9,413,164	\$ 3,500,000	\$ 9,869,415	\$ 6,792,768	\$ 7,050,198	\$ 5,868,975	\$ 42,494,519
2015	\$ 9,136,057	\$ 4,000,000	\$ 10,613,511	\$ 6,762,323	\$ 7,207,362	\$ 5,852,547	\$ 43,571,799
2016	\$ 9,044,942	\$ 4,098,781	\$ 10,400,858	\$ 6,946,762	\$ 7,585,144	\$ 6,179,779	\$ 44,256,266
2017	\$ 10,425,996	\$ 4,100,000	\$ 9,400,604	\$ 7,908,067	\$ 7,612,536	\$ 7,012,555	\$ 46,459,758
2018	\$ 12,559,490	\$ 5,416,102	\$ 11,671,768	\$ 8,457,801	\$ 8,344,193	\$ 3,343,426	\$ 49,792,780
Total	\$ 71,302,909	\$ 27,983,615	\$ 74,412,706	\$ 52,892,893	\$ 53,462,863	\$ 30,651,107	\$ 310,706,092



DKIST Funding

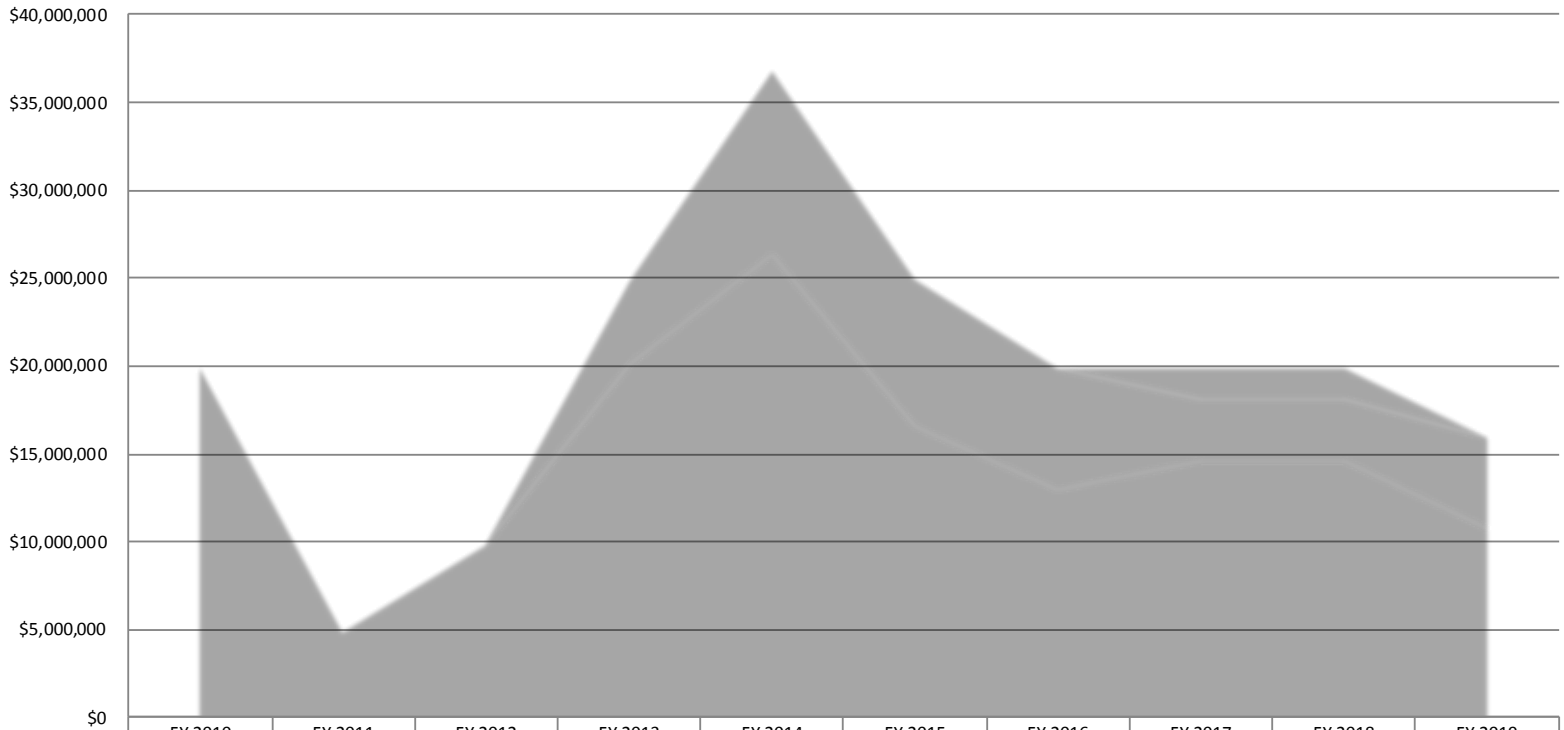
Projected NSO Funding Profile





DKIST Funding

DKIST MREFC Funding



	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Withholding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000	\$1,759,622	
Conting- Withhold	\$0	\$0	\$0	\$4,693,912	\$10,415,000	\$8,415,000	\$6,857,000	\$3,474,279	\$3,414,657	\$5,174,279
Baseline	\$20,000,000	\$5,000,000	\$10,000,000	\$20,282,417	\$26,465,000	\$16,705,000	\$13,143,000	\$14,825,721	\$14,825,721	\$10,978,200



DRIVE Elements

- D
 - Midscale – coming
 - Cubesats – \$5.4M
- R
 - NSO \$34M FY14-FY18
 - DKIST \$116M
- I
 - Coordinate – Estimate not possible
- V
 - HSC – NASA Funding
- E
 - FDSS – \$2.5M
 - SWSS - \$600k
 - Mtgs - \$2.5M