

# **FY 18 High-Level Budget**

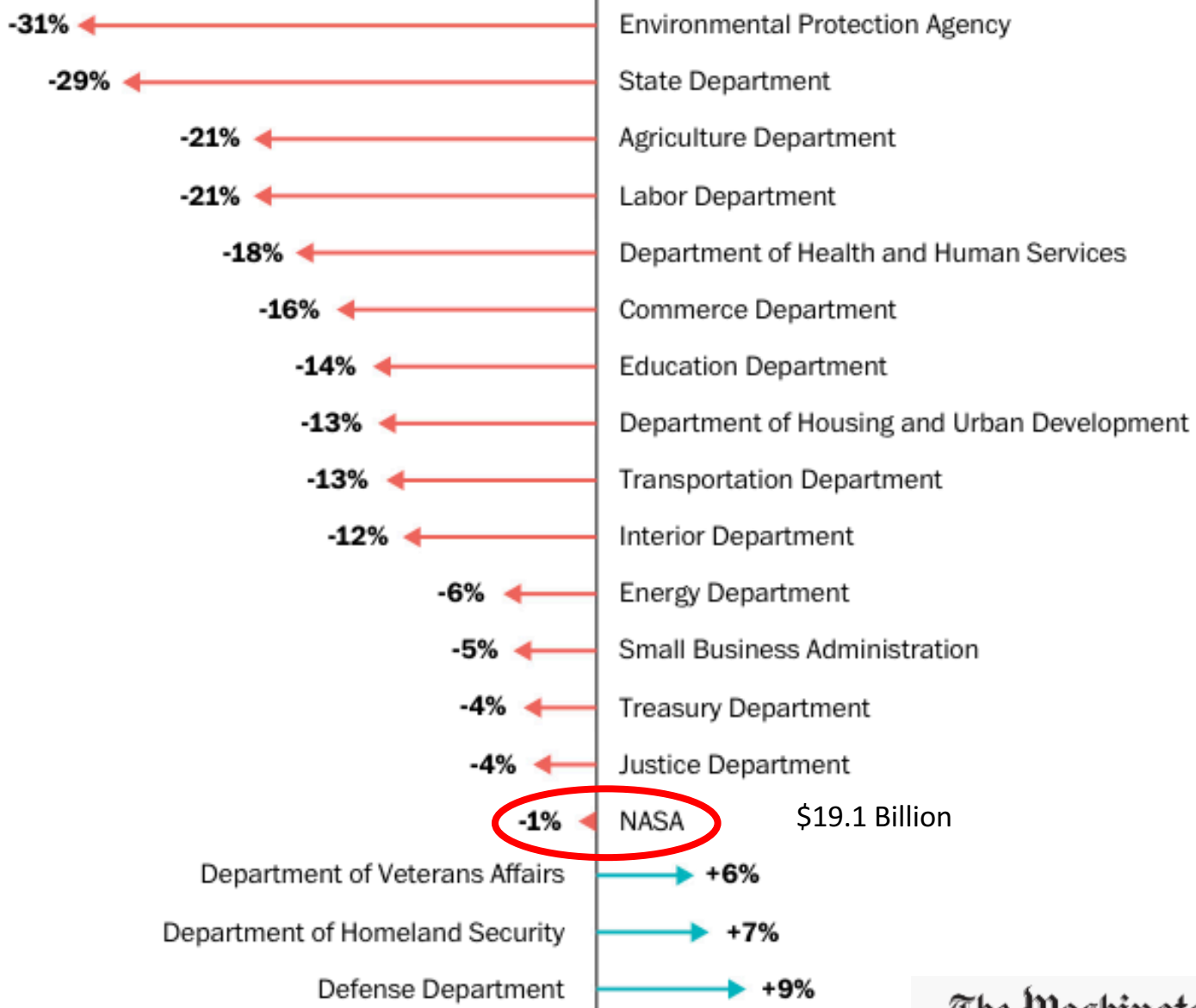
**Andrew Hunter**

**Office of the Chief Financial Officer**

# Overall Theme

- **The Budget includes \$19.1 billion for NASA. The Budget focuses the nation's efforts on deep space exploration and develops technologies that will help achieve our space goals and benefit the economy. The Budget retains a focus on public-private partnerships and industry to achieve our goals.**
  - Given the nation's tight fiscal constraints, this is a stable budget for NASA
    - 1% below present operating levels
  - NASA has been told to expect flat outyear funding
  - We are still working details, and we will roll out a full request in May
  - NASA will not need to reduce workforce beyond attrition (same policy as recent years)

# President's FY18 Budget Blueprint



# FY18 Budget Blueprint

- **Human exploration: \$3.7 billion** for continued development of the Space Launch System that will power astronauts into deep space and the Orion capsule that will carry them safely to Martian orbit.
- **Commercial activities: Creates new opportunities for collaboration with industry.**
- **Planetary science: \$1.9 billion** to move ahead with the launch of a Mars rover by 2020 and the launch of the Clipper spacecraft to orbit around Jupiter in order to perform a detailed investigation of the giant planet's moon Europa.
- **Earth science: \$1.8 billion; terminates four Earth science missions (PACE, OCO-3, DSCOVR Earth-viewing instruments, and CLARREO Pathfinder) and reduces funding for Earth science research grants.**
- **Aeronautics: \$624 million** for research and development for faster and safer supersonic flights.
- **Education: Eliminates the NASA Office of Education – This is the Education Office NOT SMD Education Activities. Does not impact internships and fellowships funded in other accounts.**
- **Further budget details are expected to be released in May**

# Funding Comparison Across Bills

(in millions)



Mission/Theme	FY 2016 Enacted	FY 2017 House Approps Markup	FY 2017 Senate Approps Markup	Transition Authorization of 2017 Enacted	FY2018 Budget Blueprint
Science	\$5,589.4	\$5,597.0	\$5,395.0	\$5,500.0	
Earth Science	\$1,921.0	\$1,690.0	\$1,984.0		\$1,800.0
Planetary Science	\$1,631.0	\$1,846.0	\$1,355.9		\$1,900.0
Jupiter Europa	\$175.0	\$260.0			
Astrophysics	\$767.6	\$792.9	\$807.0		
Heliophysics	\$649.8	\$698.7	\$678.7		
James Webb Space Telescope	\$620.0	\$569.4	\$569.4		
Aeronautics	\$640.0	\$712.0	\$601.0	\$640.0	\$624.0
Space Technology	\$686.5	\$739.2	\$686.5	\$686.0	
Restore-L	\$133.0		\$130.0		
Exploration*	\$4,030.0	\$4,183.0	\$4,330.0	\$4,330.0	\$3,700.0
Exploration R&D	\$350.0	\$404.0	\$396.0		
Exploration Systems Dev.	\$3,680.0	\$3,779.0	\$3,934.0		
Orion	\$1,270.0	\$1,350.0	\$1,300.0		
SLS -Launch Vehicle Development	\$2,000.0	\$2,000.0	\$2,150.0		
SLS/EUS	\$85.0	\$250.0	\$300.0		
SLS -Exploration Ground Systems	\$410.0	\$429.0	\$484.0		
Space Operations	\$5,029.2	\$4,890.3	\$4,950.7	\$5,023.0	
Education	\$115.0	\$115.0	\$108.0	\$115.0	
EPSCOR	\$18.0	\$18.0	\$18.0		
National Space Grant	\$40.0	\$40.0	\$40.0		
Safety, Security, and Mission Services	\$2,768.6	\$2,835.4	\$2,796.7	\$2,788.6	
Construction & Envrmtl Compl Restoration	\$388.9	\$398.0	\$400.0	\$388.0	
Inspector General	\$37.4	\$38.1	\$38.1	\$37.4	
<b>NASA Totals</b>	<b>\$19,285.0</b>	<b>\$19,508.0</b>	<b>\$19,306.0</b>	<b>\$19,508.0</b>	<b>\$19,092.0</b>