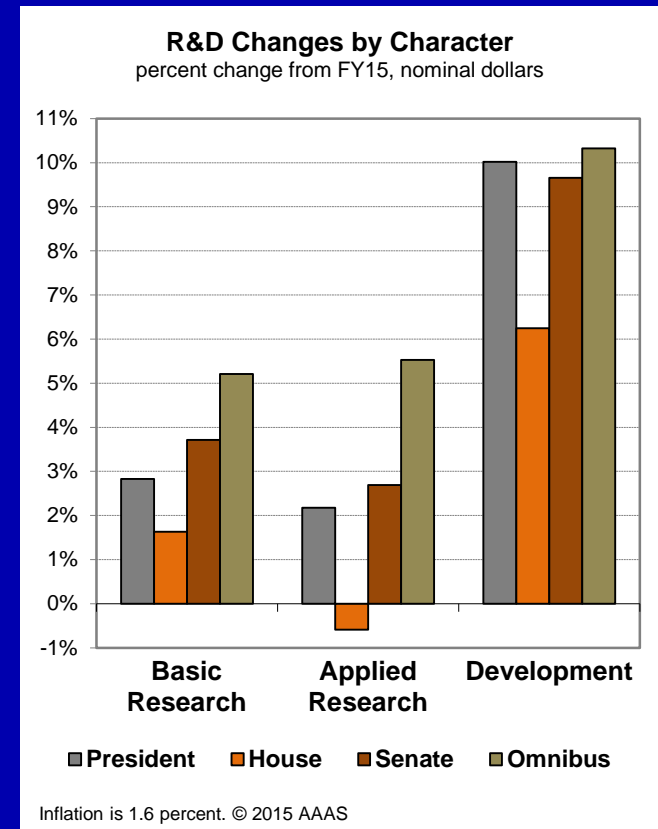


The Consolidated Appropriations Act, 2016

Rush Holt, CEO, AAAS
January 12, 2016

Major Points and Highlights

- \$148.6 billion for R&D, +8.1%
- \$68.1 billion for nondefense R&D, +6.4%
- More than 5% increases for basic and applied research
- NIH: +\$2 Billion
- NASA: +7.1%
- DOD Basic Research: Cuts avoided
- DOE: Gains for basic and applied
- NSF: Social science cuts avoided
- USDA: +7.7% for AFRI
- USGS, EPA: little gain
- NOAA: Climate research flat; research vessel
- Modest gains for manufacturing



CJS

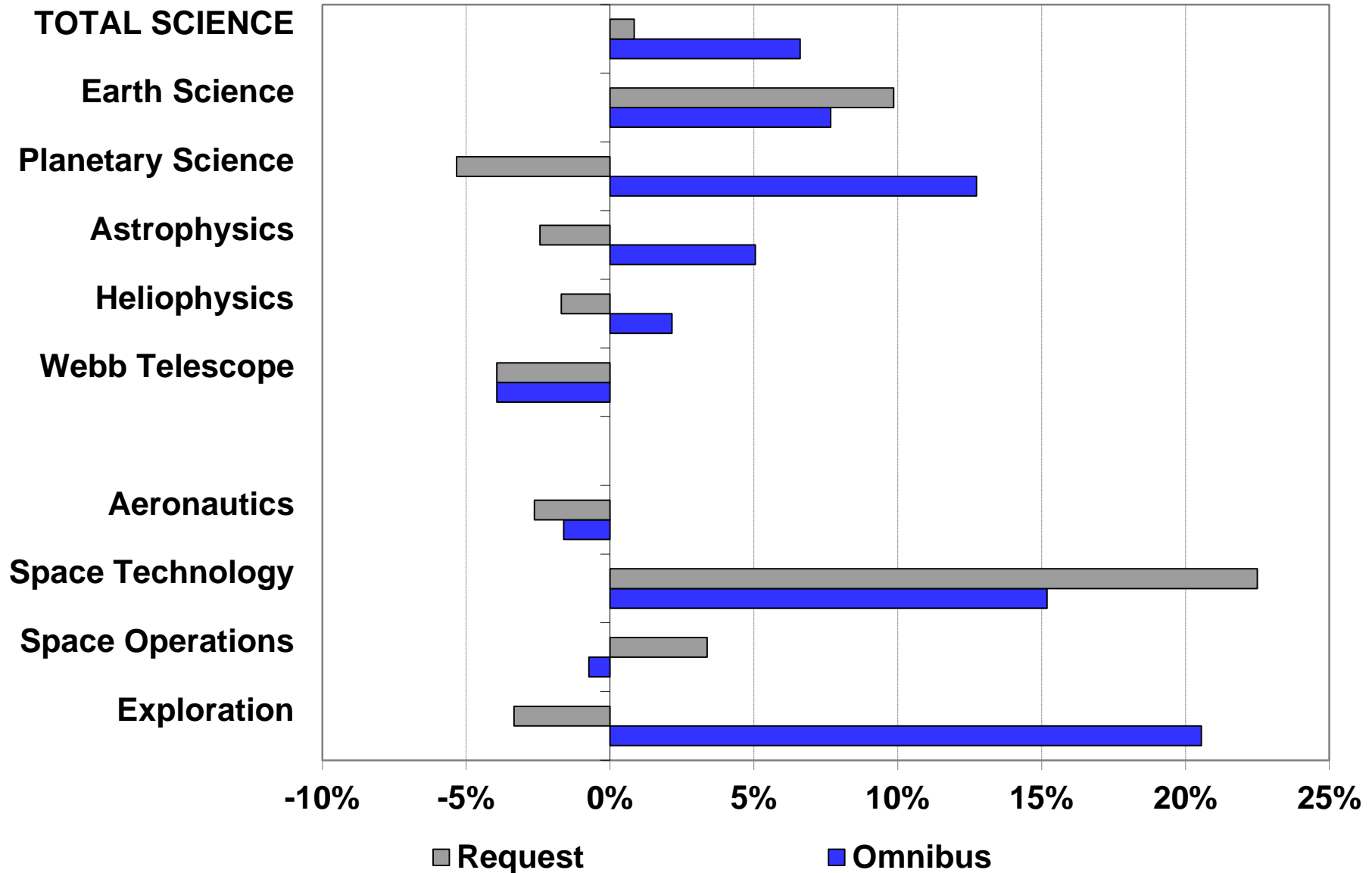
- Language that NSF comply w/ COMPETES national interest restriction, OUT!
 - Instead: encourages NSF's transparency & accountability efforts
- Removes language that NSF ensure research is replicable
- Funding carve outs for favored NSF directorates removed
- SBE funded at no more than FY 2015
- Making American Community Survey voluntary, OUT!

Labor HHS

- Supports Precision Medicine, Alzheimer's, BRAIN Initiative, and antimicrobial resistance
- Keeps Agency for Healthcare Research & Quality
- Restricts research on gene-editing
 - Keeps restriction on federal research on human embryos
 - Private sector can still conduct research, HOWEVER
 - FDA language makes it difficult to conduct clinical trials
 - May not use federal funds to evaluate or permit research where a human embryo is "intentionally created or modified to include a heritable genetic modification"

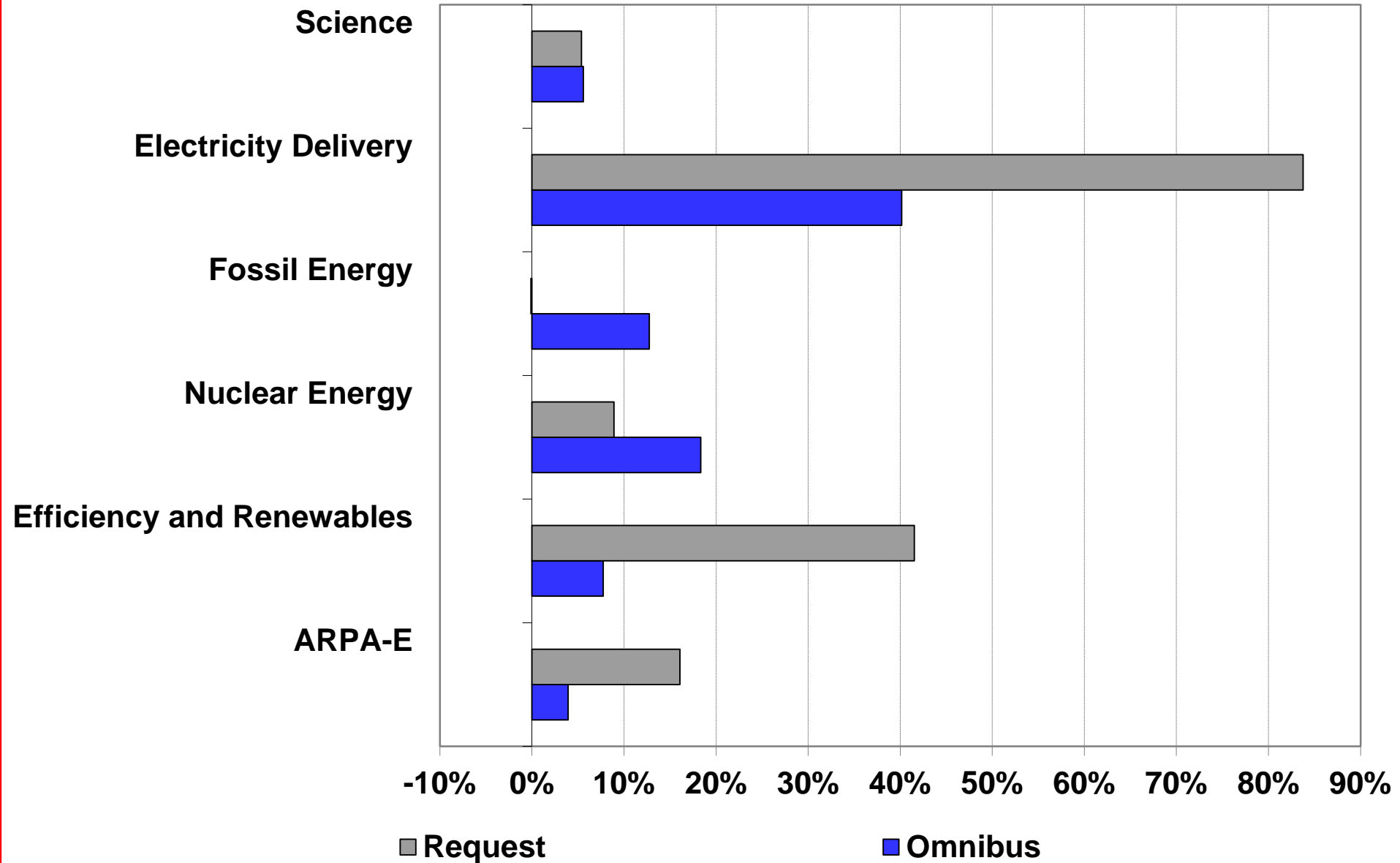
NASA Budgets in FY16 Appropriations

percent change from FY15, nominal dollars



FY 2016 Energy Program Budgets

percent change from FY15, nominal dollars

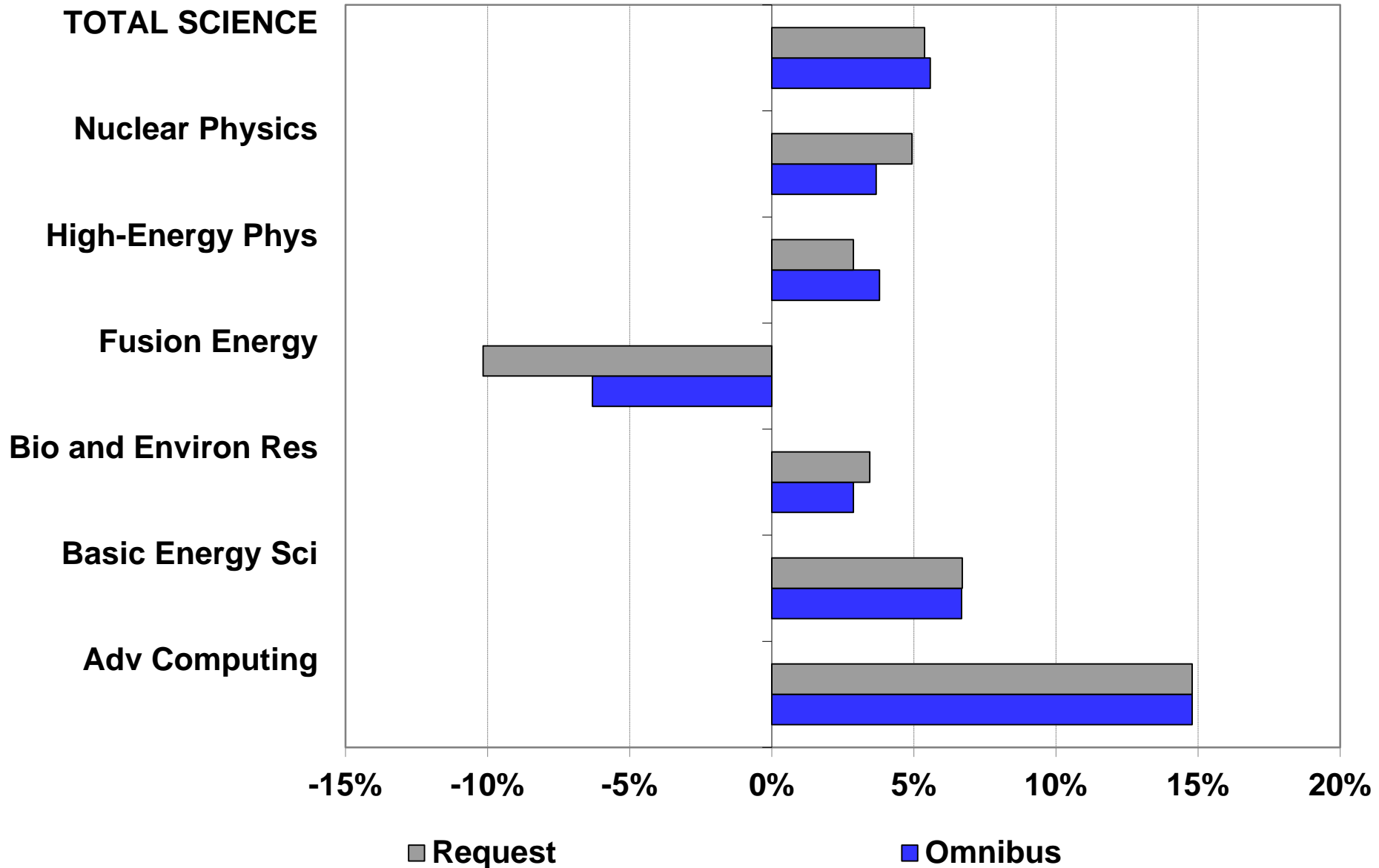


Request

Omnibus

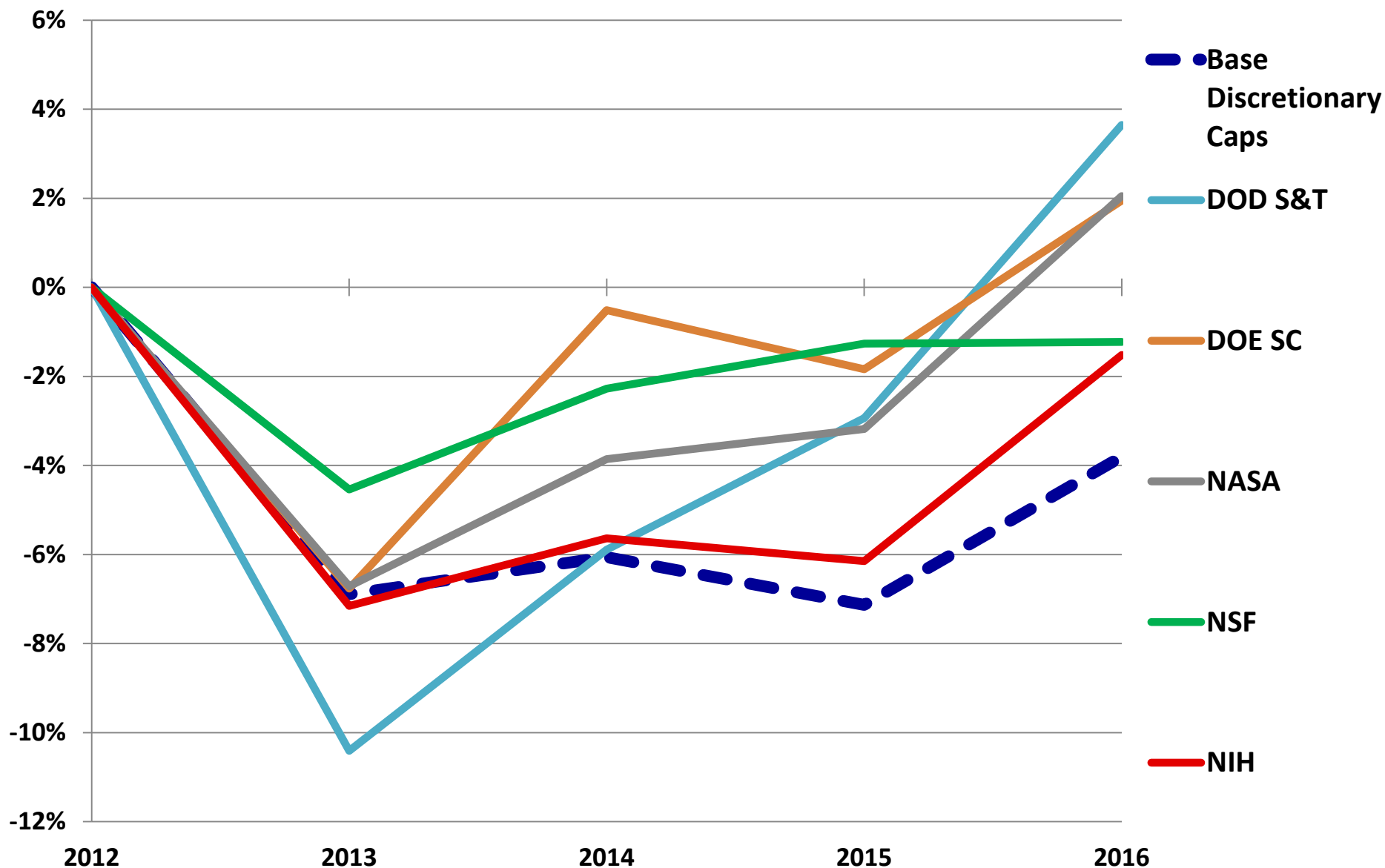
FY 2016 Office of Science Budgets

percent change from FY15, nominal dollars



Agency Budgets, Pre-Sequestration to Present

Percent change from FY12 levels, constant dollars

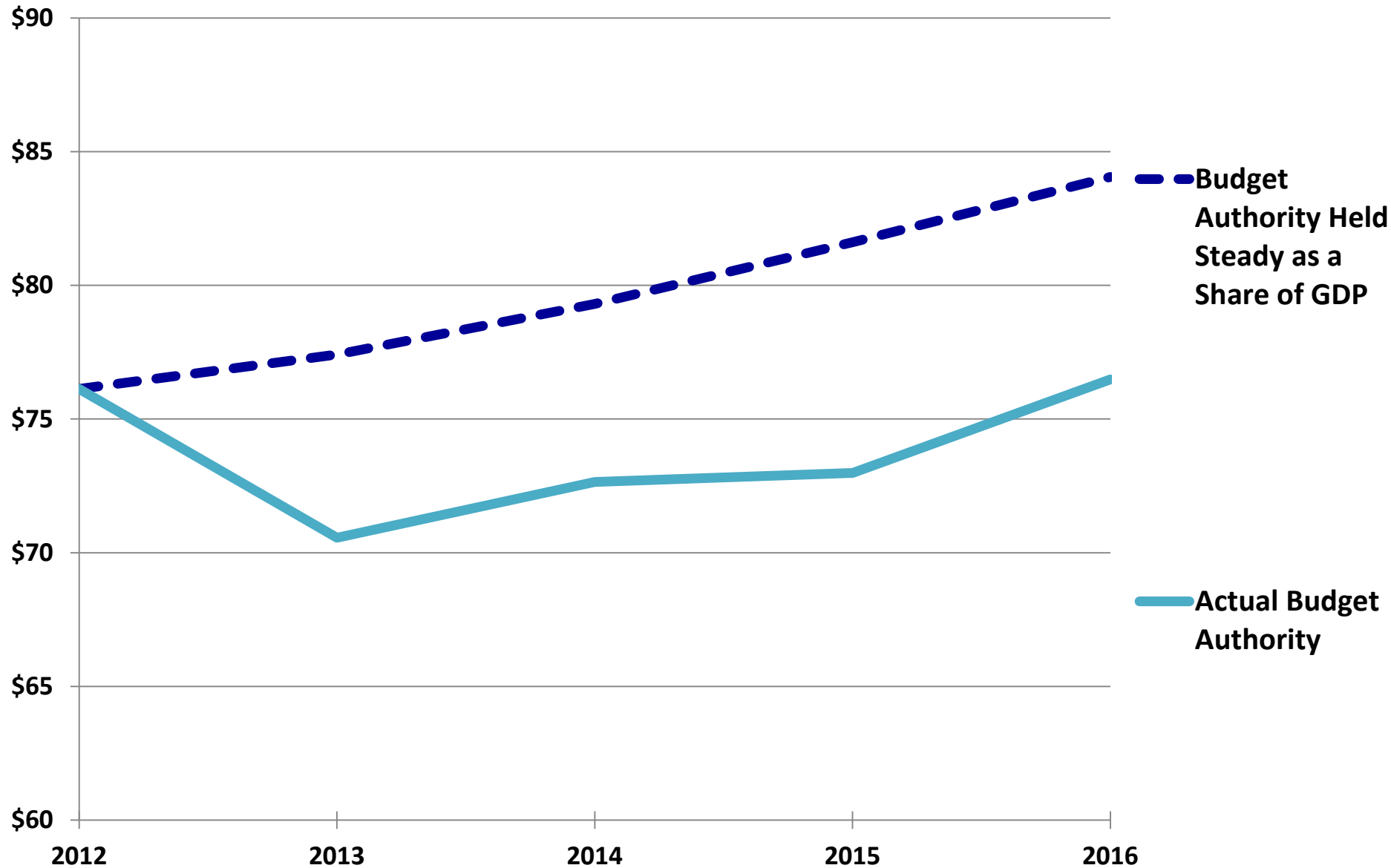


*Excludes ARPA-E.

Based on AAAS analyses of historical OMB and appropriations data. © 2015 AAAS

NSF, NIH, NASA, DOE Science and DOD S&T Budgets

Combined budgets, billions of constant dollars



For more info...

[http://www.aaas.org/program/rd
-budget-and-policy-program](http://www.aaas.org/program/rd-budget-and-policy-program)