

A Quick Look at the FY16 R&D Budget

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February 10, 2015

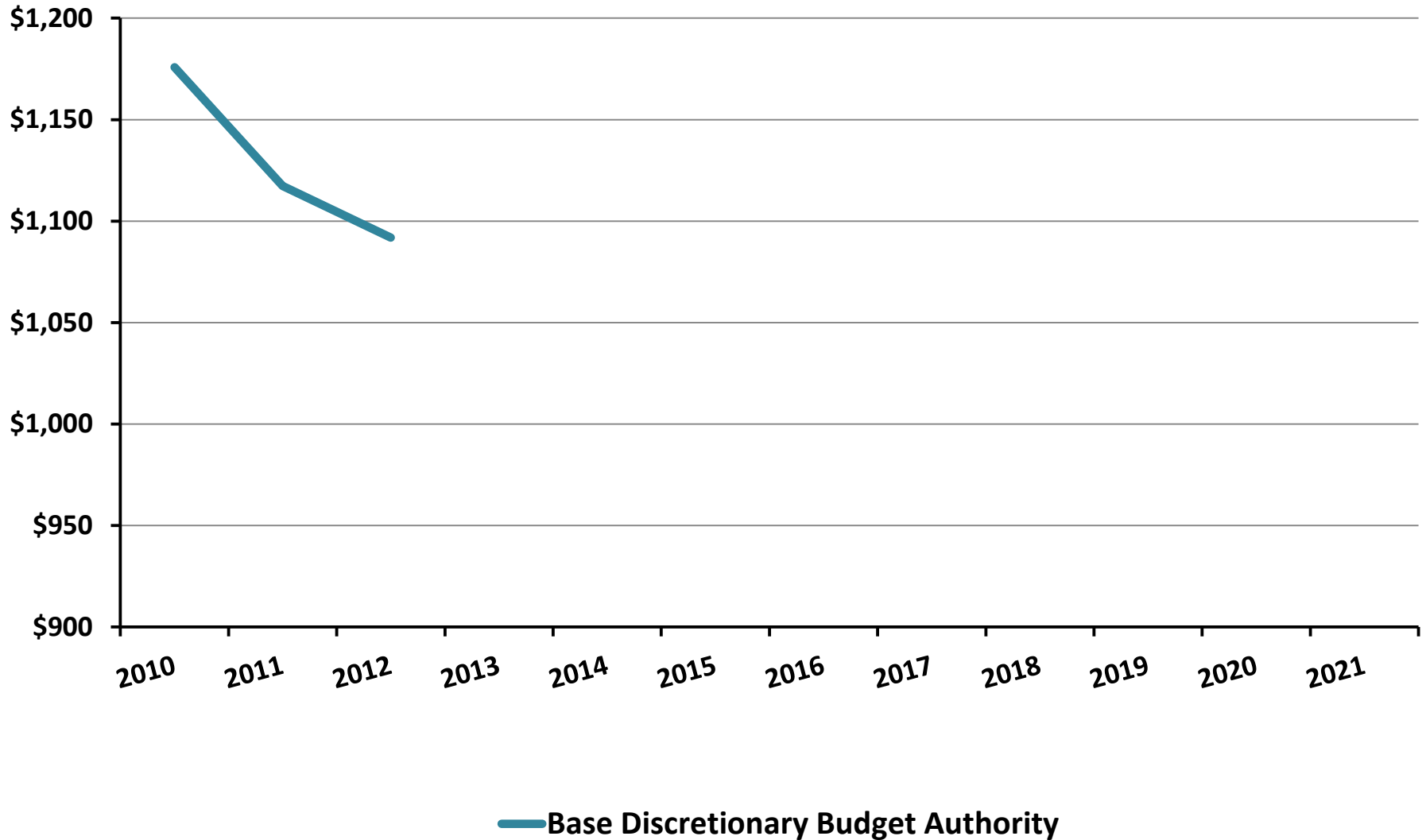
for the American Society for Engineering Education
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AAAS R&D Budget and Policy Program

<http://www.aaas.org/program/rd-budget-and-policy-program>

Limits on Discretionary Spending Since FY 2010

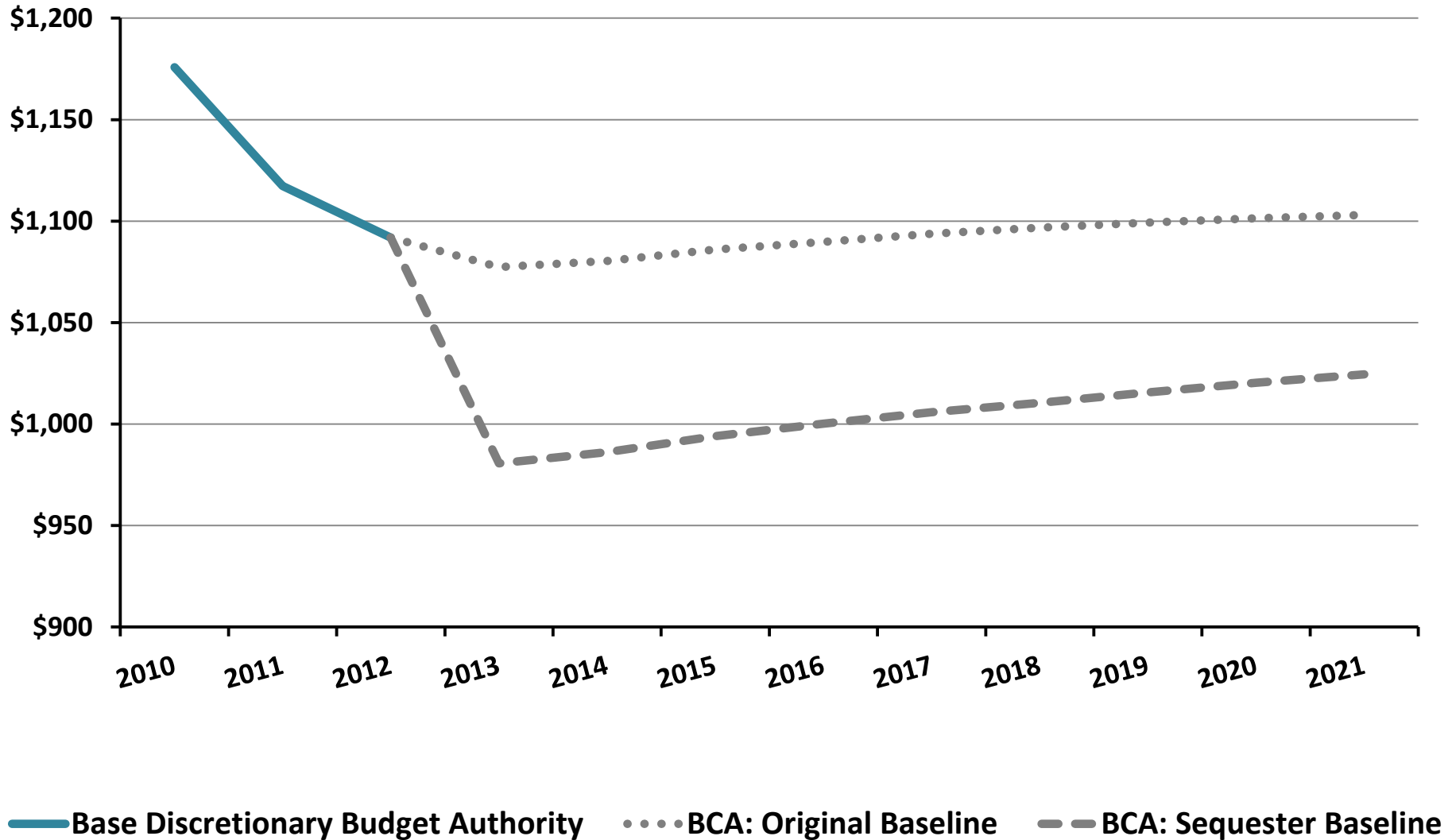
billions of constant 2015 dollars



Based on past budget resolutions, the Budget Control Act, and subsequent legislation. Adjusted for inflation using deflators from the FY16 budget request. © AAAS 2015

Limits on Discretionary Spending Since FY 2010

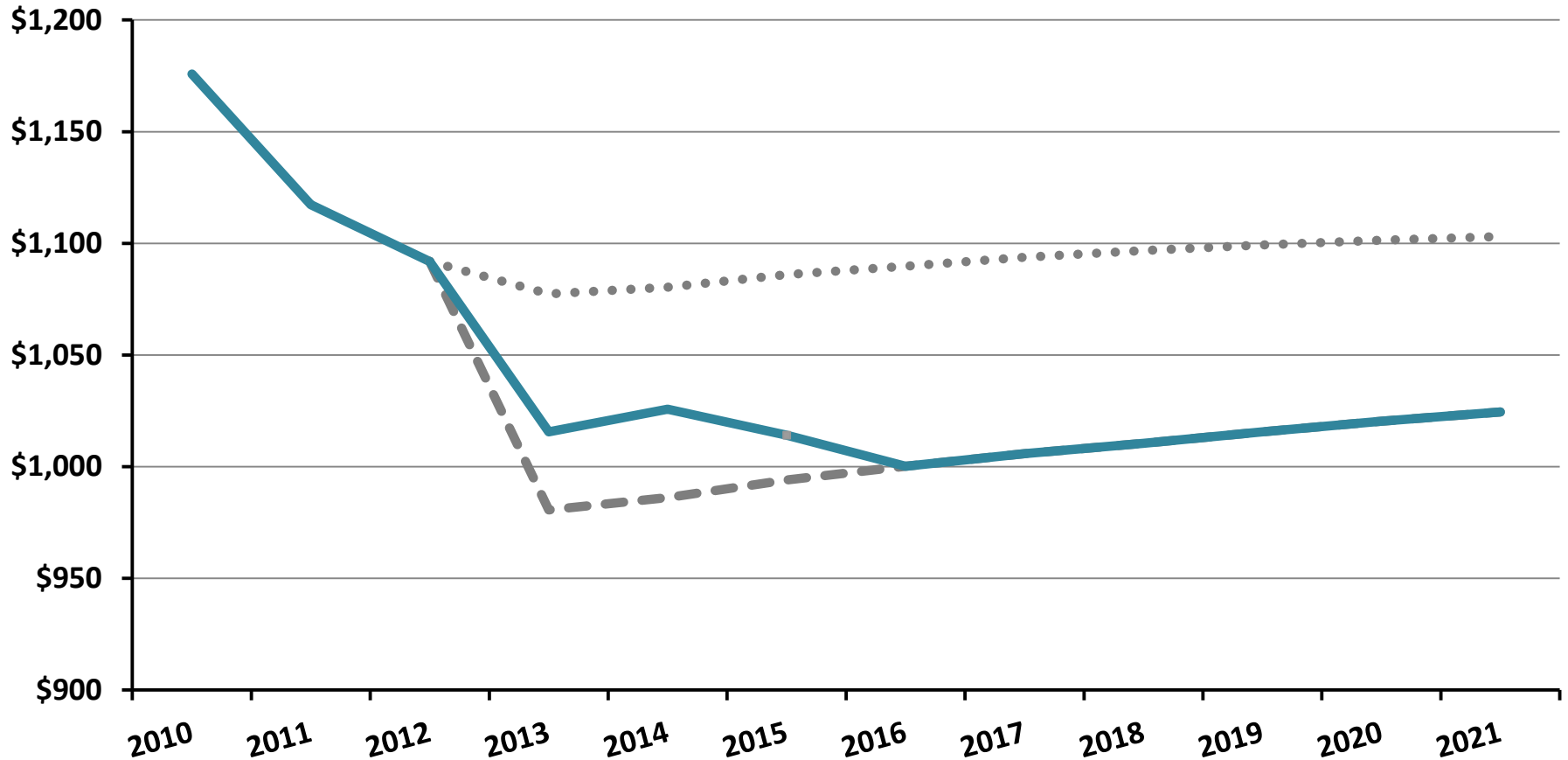
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Based on past budget resolutions, the Budget Control Act, and subsequent legislation. Adjusted for inflation using deflators from the FY16 budget request. © AAAS 2015

Limits on Discretionary Spending Since FY 2010

billions of constant 2015 dollars



— Base Discretionary Budget Authority

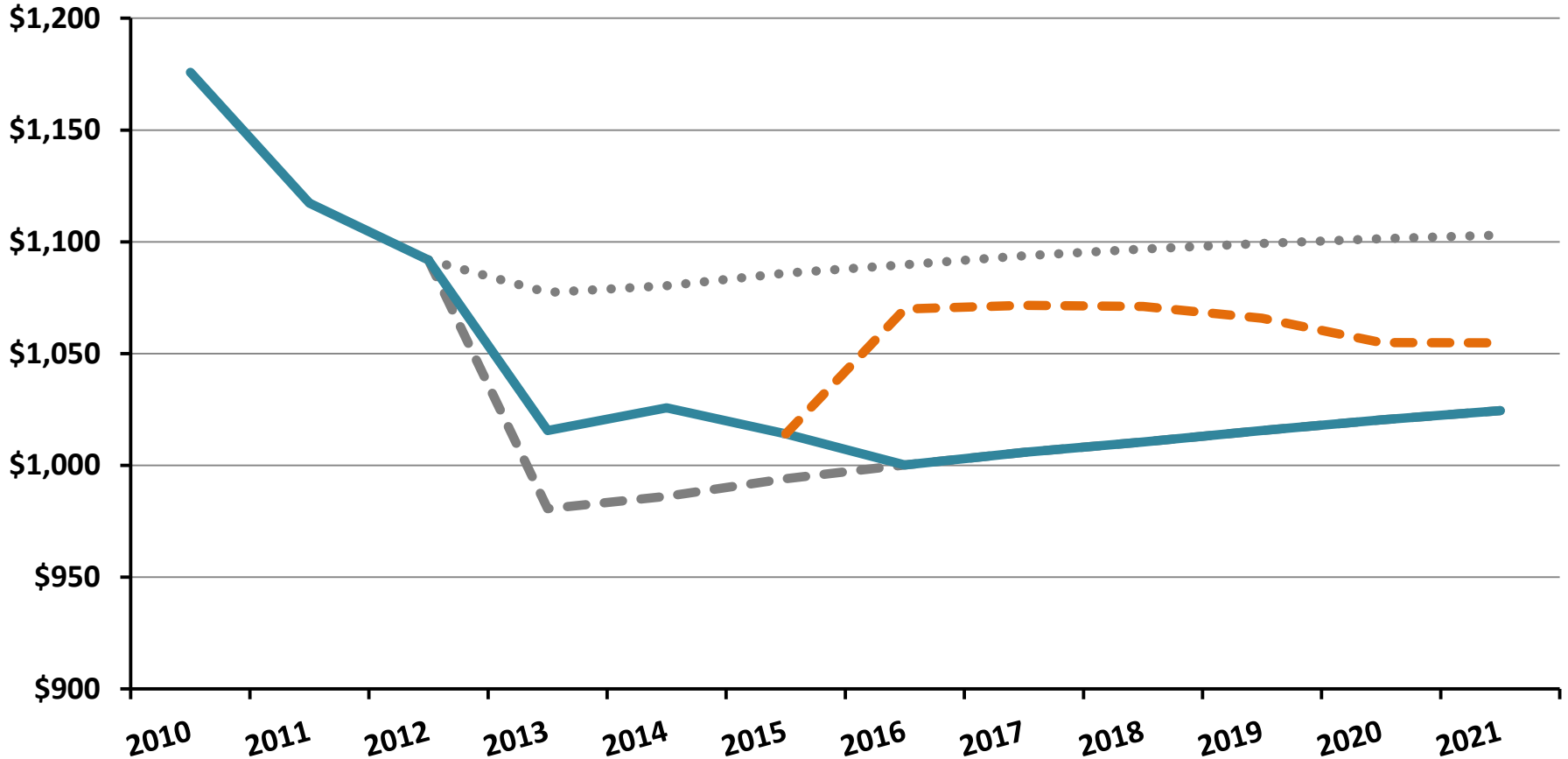
... BCA: Original Baseline

- - - BCA: Sequester Baseline

— Revised Caps/Current Law

Limits on Discretionary Spending Since FY 2010

billions of constant 2015 dollars

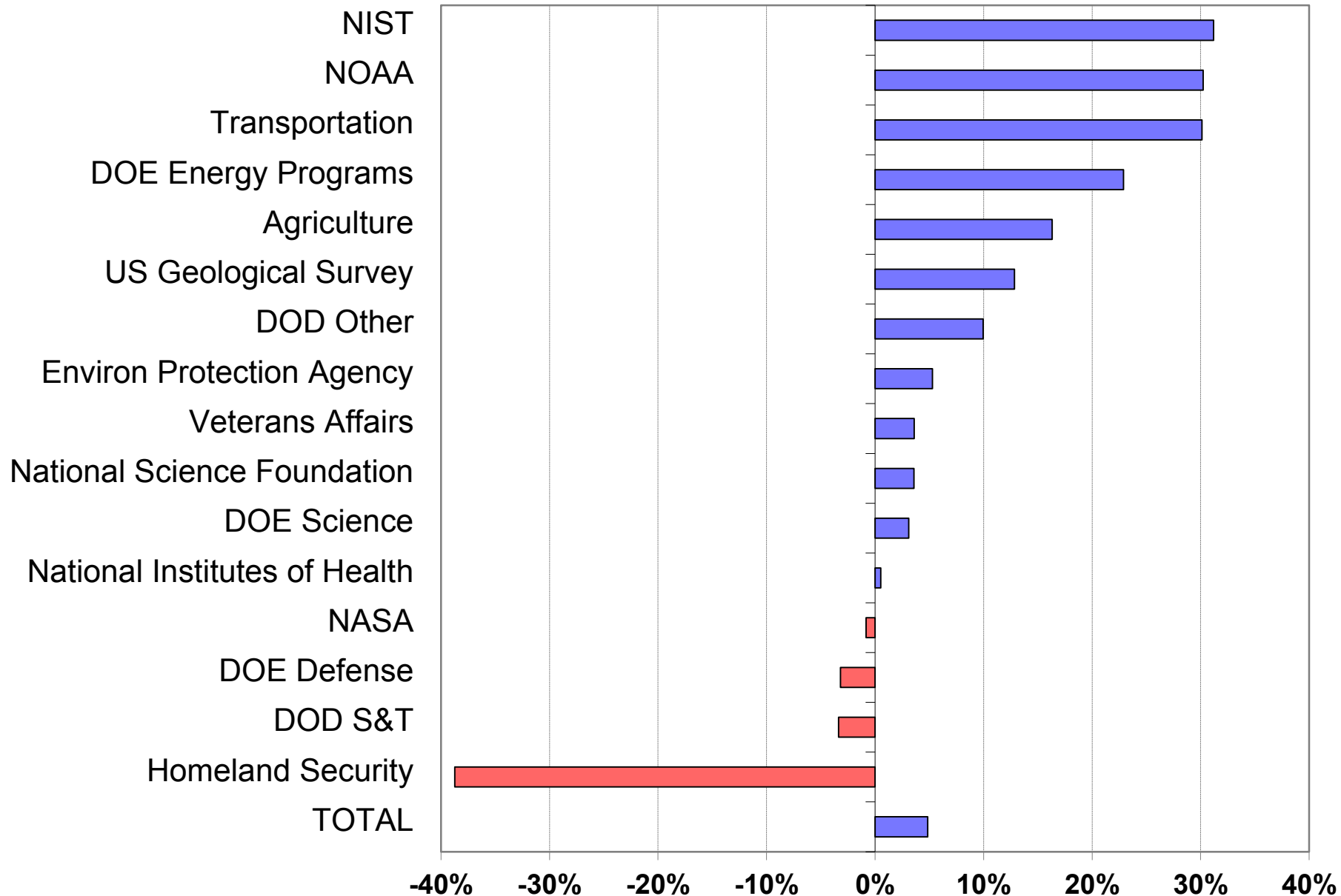


— Base Discretionary Budget Authority
- - - BCA: Sequester Baseline
- - - President's Budget

... BCA: Original Baseline
— Revised Caps/Current Law

Current Estimates of R&D in the FY16 Budget

percent change from FY15, constant dollars



Budget Notes...

- Advanced Manufacturing a big winner (again)
- Low-carbon energy a big winner (again)
- Climate-related research a big winner (again)

Budget Notes...

- Total NSF: +5.2%
 - Highest relative changes: SBE, Engineering; also EHR
 - Food/Water/Energy Nexus, climate resilience
- DOD S&T, DARPA flat; big cut to basic research
- DOE Science: +5.4%
 - Advanced Computing
 - Small boost for EFRCs; Hubs funding continues
- Decent number, familiar contours for NASA
 - Earth Science + Space Technology

Looking ahead...

- Size and composition of the discretionary budget? Can R&D stay ahead of the curve?
- Deficits have fallen, but big-picture fiscal challenges remain largely unchanged
 - Debt limit, entitlement growth
 - Reconciliation strategy?

The Washington Post

Economy

Obama budget proposal would boost spending beyond 'sequestration' caps

PHILADELPHIA



President Obama told a gathering of Democratic lawmakers that he welcomed Republicans who are talking about addressing income inequality and poverty.

By Steven Mufson and Juliet Eilperin January 29

President Obama will present a [federal budget proposal](#) on Monday that would exceed restrictive spending caps mandated by Congress four years

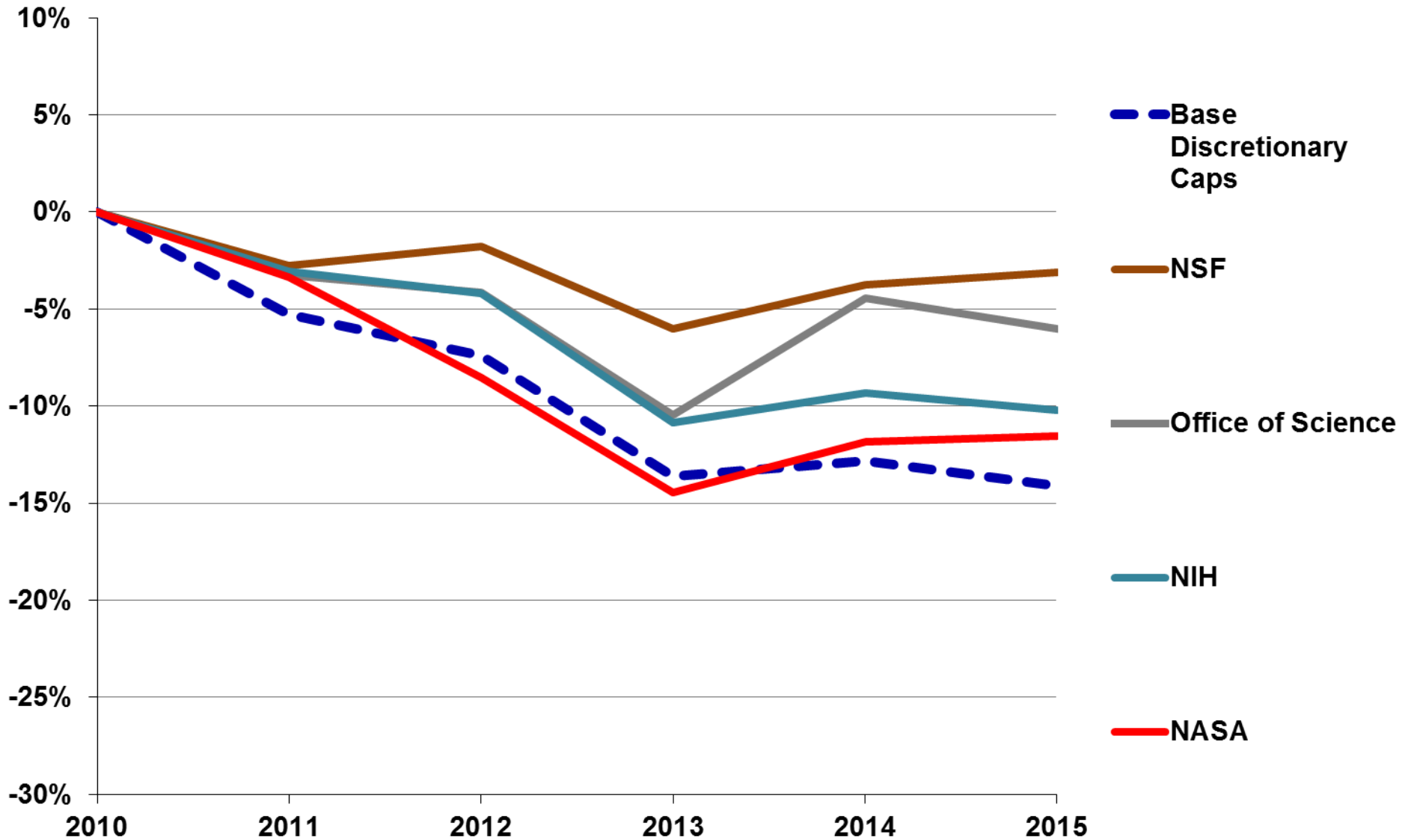
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Trends in Federal Spending Since FY 2010

Percent of FY 2010 budget authority, constant dollars



Based on OMB, agency and Congressional budget documents, and GDP deflators from the President's FY 2015 budget.

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Thanks!

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