

An Update on the FY 2010 Federal Budget

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for COSEPP

AAAS R&D Budget and Policy Program
<http://www.aaas.org/spp/rd>

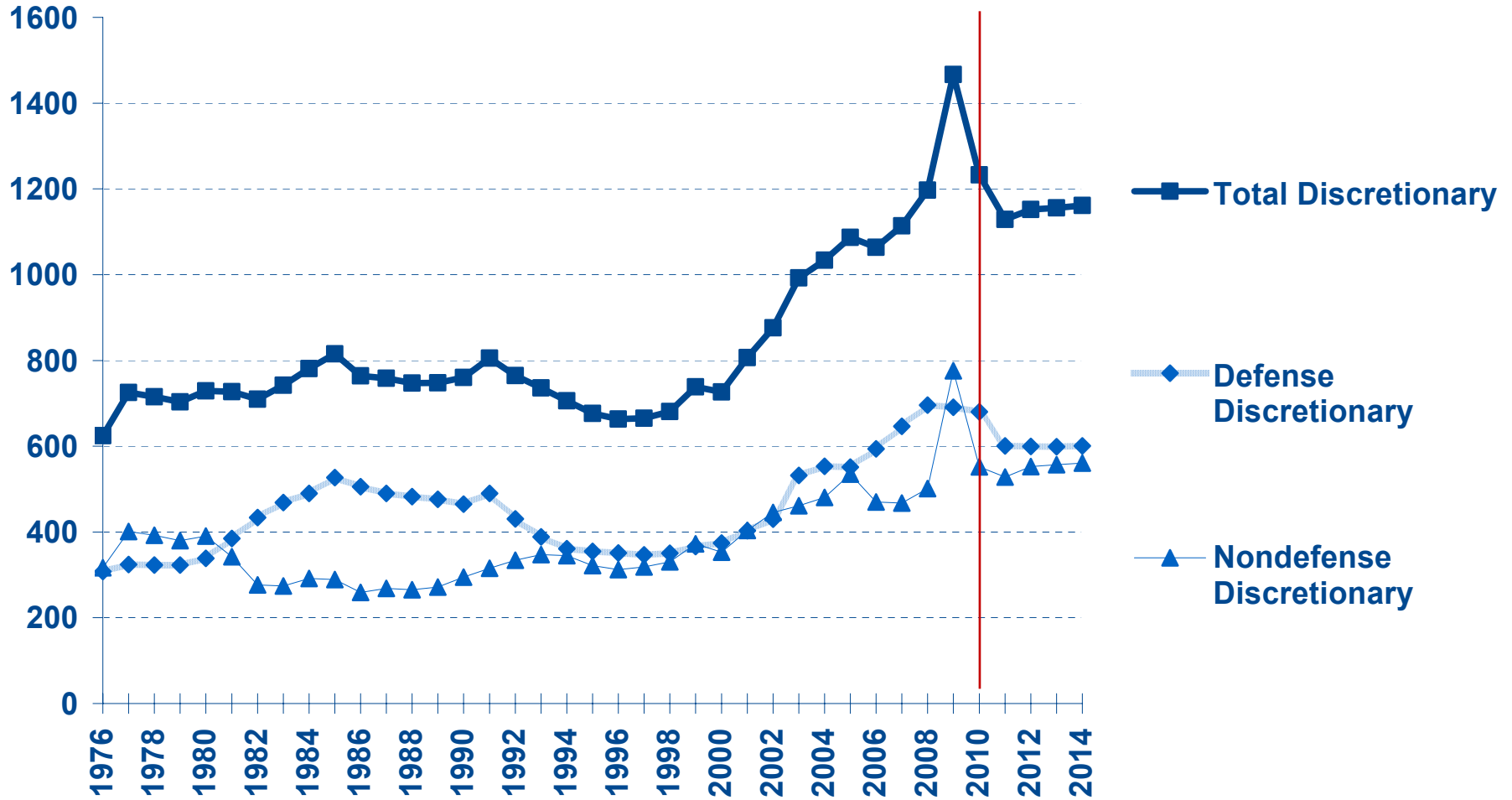
See the “Seminars and Presentations” section for
copies of this presentation.

The FY 2010 Budget

- \$3.6 trillion total budget, \$1.3 trillion unified deficit
- \$1.4 trillion discretionary spending (9.1% increase)
 - \$704 billion nondefense spending (16.0% increase)
- Includes military costs for activities in Iraq and Afghanistan
- Focuses on “stable and broad economic growth” by investing in:
 - Education
 - Healthcare
 - Energy

Trends in Discretionary Spending, FY 1976-2014

outlays in billions of constant FY 2009 dollars



Source: *Budget of the United States Government, FY 2010*.

FY 2009-2014 data are budget projections.

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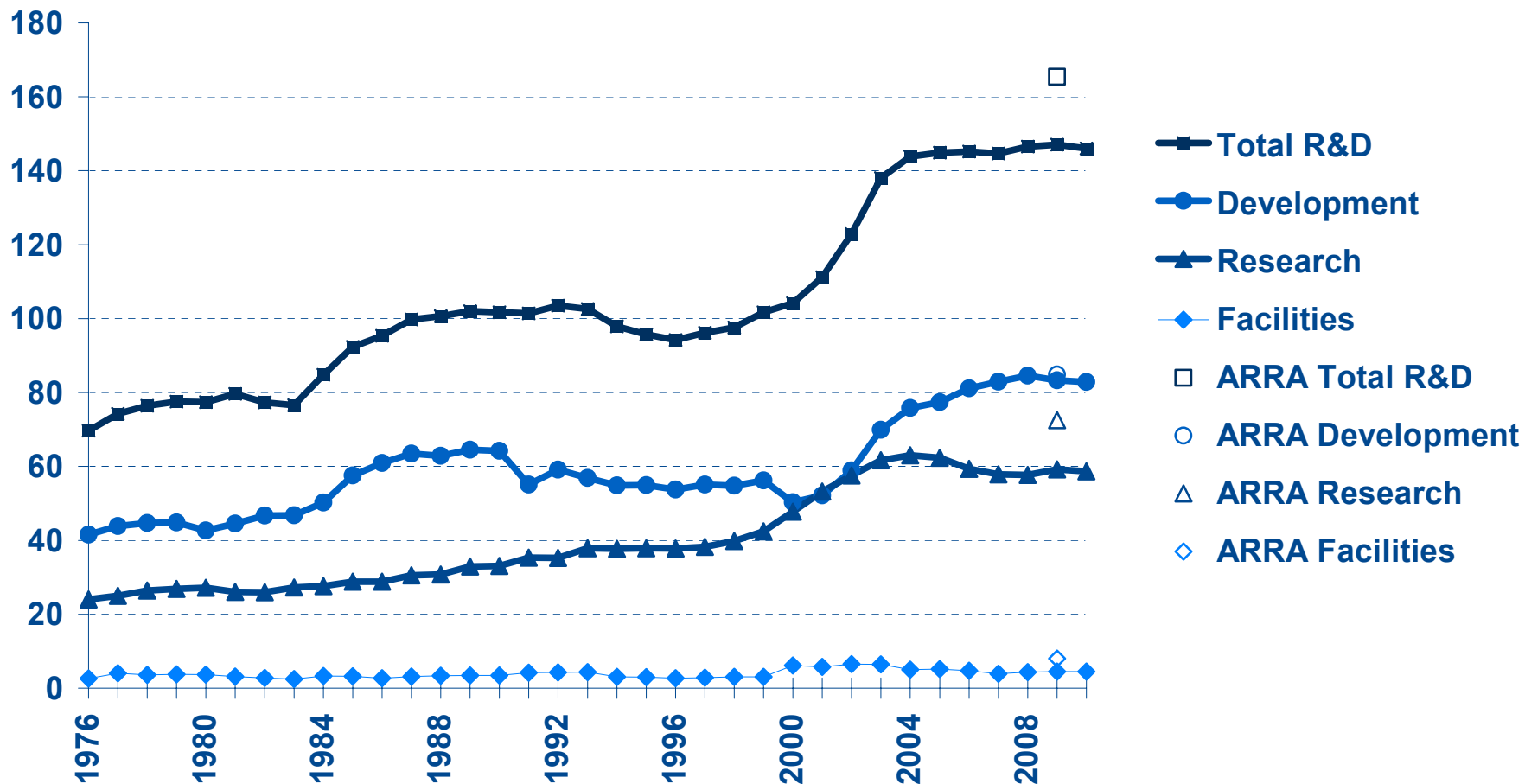


American Recovery and Reinvestment Act

- \$18.4 billion in R&D (12.5 percent of FY 2009 Investment)
 - National Institutes of Health - \$10.4 billion
 - National Science Foundation - \$3.0 billion
 - DOE Office of Science - \$1.6 billion
 - National Institute of Standards and Technology - \$600 million
- ARRA Obligation Deadline: September 30, 2010
- Different agencies, different mechanisms
- Buoyed the 0.3% increase in R&D investment from FY 09-10

Trends in Federal R&D, FY 1976-2010

in billions of constant FY 2009 dollars



Source: AAAS analyses of R&D in annual AAAS R&D reports.

* FY 2010 figures are latest AAAS estimates of FY 2010 request.

R&D includes conduct of R&D and R&D facilities.

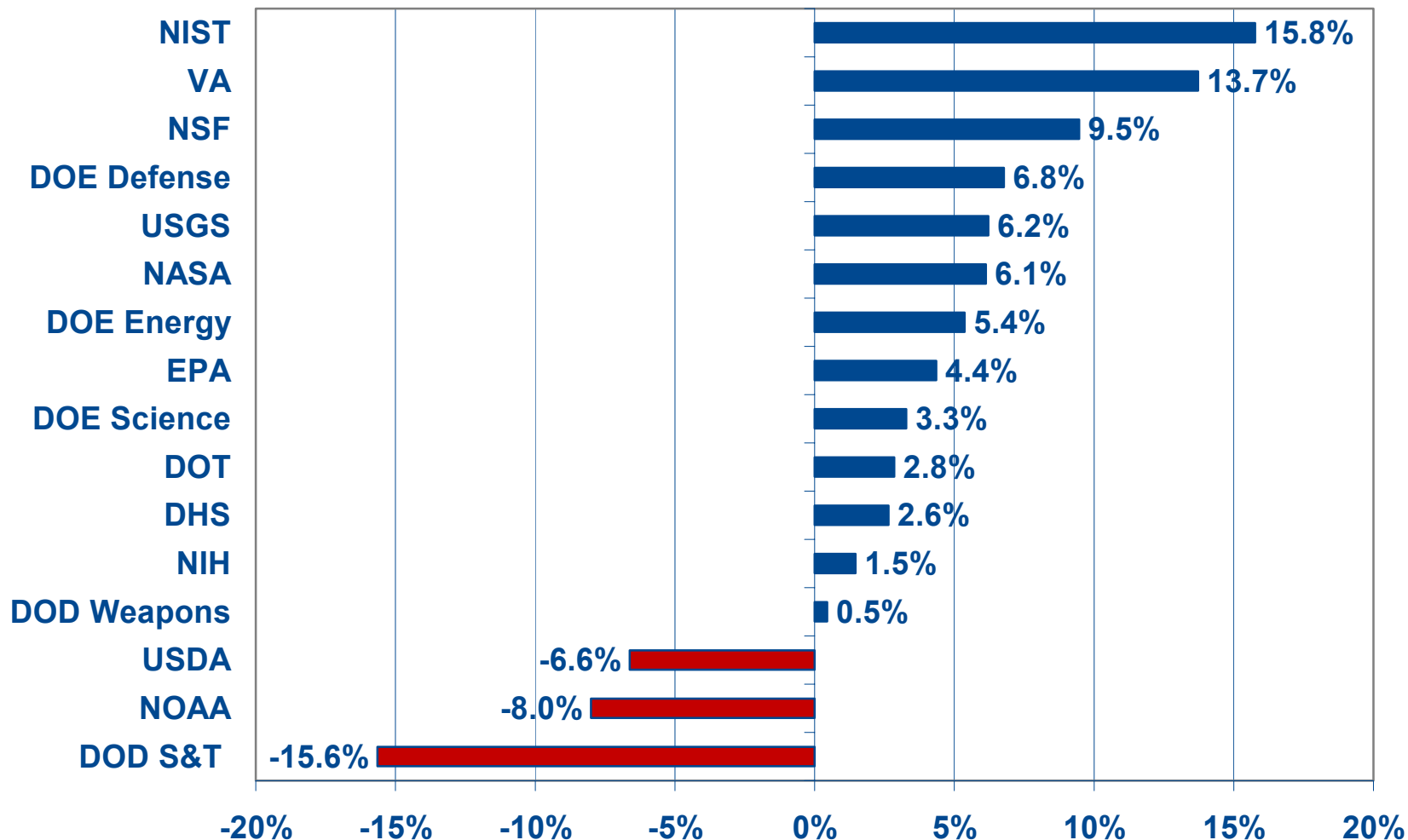
1976-1994 figures are NSF data on obligations in the Federal Funds survey.

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FY 2010 R&D Budget Request

Percent Change from FY 2009



Source: AAAS Report XXXIV: Research & Development FY 2010.

DOD "S&T" = DOD R&D in "6.1" through "6.3" categories plus medical research.

DOD weapons = DOD R&D in "6.4" and higher categories.

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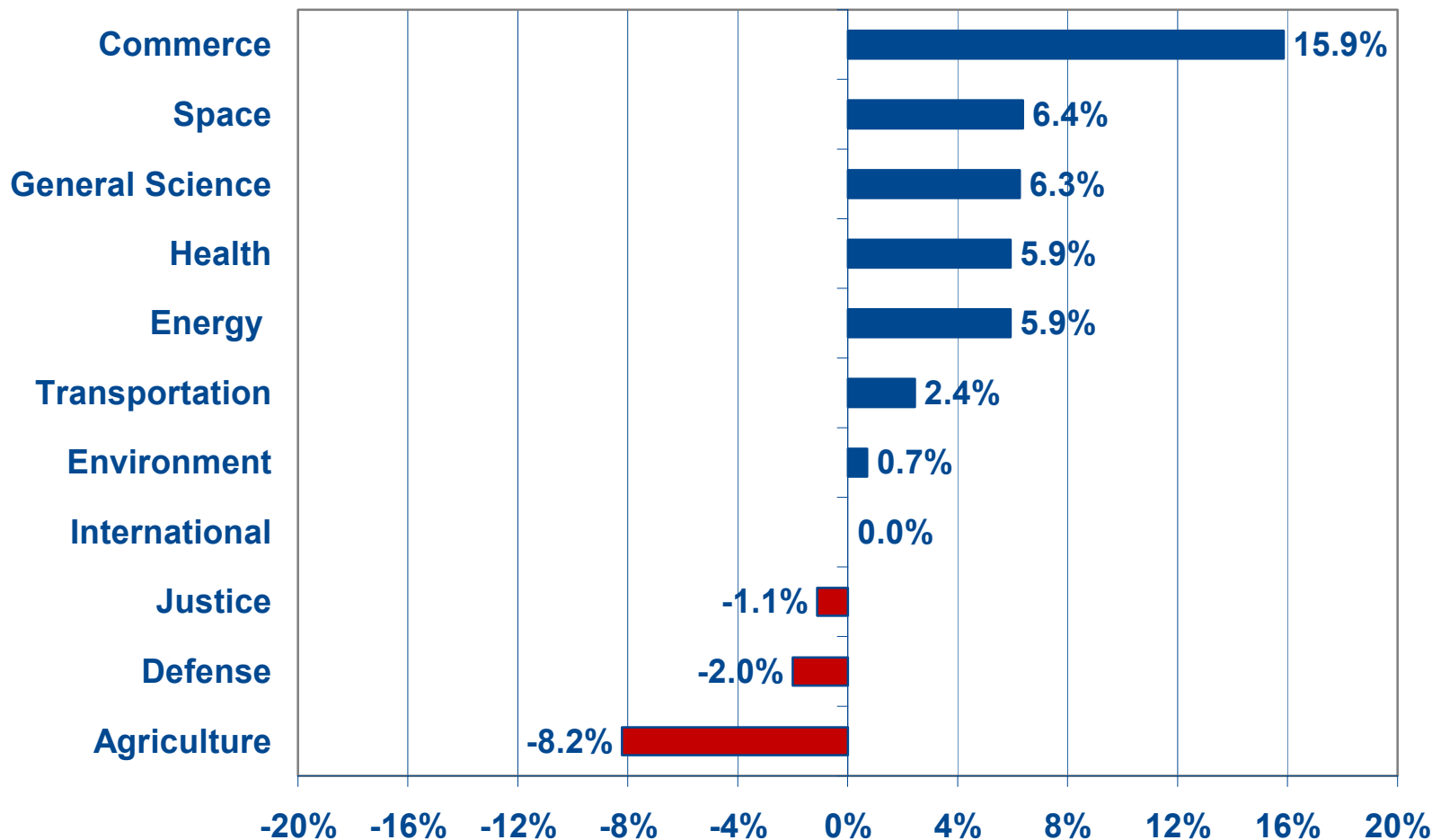


R&D Investment Priorities

- Investing in the Sciences for a Prosperous America
 - General increases in science funding, especially basic research (3.4% increase, plus ARRA)
- A Clean Energy Future
 - DOE Energy Programs (5.4% increase, plus ARRA)
- Healthy Lives for All Americans
 - National Institutes of Health (1.5% increase, plus ARRA)
- A Safe and Secure America
 - Homeland Security Funding (23.8% increase)

FY 2010 R&D Budget Request by Function

percent change from FY 2009



Source: OMB and agency budget data.
Environment includes natural resources R&D
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The Federal R&D Investment for FY 2010

- Four R&D Investment Priorities
- On track to double funding for basic research agencies
- Small increase from FY 2009 to FY 2010, but ARRA has had a major impact
- Congressional marks are generally close to budget request
- Next Steps
 - Continuing Resolution through October 31, but only 2 bills signed and 2 others ready for signature. Interior bill will likely have CR to Dec 15 attached.
 - Three bills waiting for conference after passing the House and Senate.
 - Senate has five appropriations bills to pass, then conferences.

For More Information...

The AAAS R&D web site is
<http://www.aaas.org/spp/rd>

The AAAS Forum on
Science and Technology
Policy is
May 13–14, 2010 in
Washington, DC

