

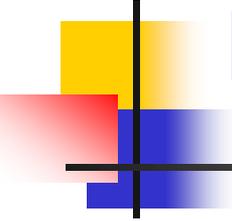
# U.S. Environmental Protection Agency

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## FY 2012 President's Budget

*Prepared for the Science Advisory Board  
March 3, 2011*

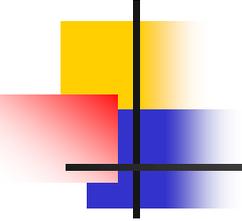




# FY 2012 President's Budget Request

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- **EPA's FY 2012 Budget Request totals \$8.97 billion.**
- **The choices in the FY 2012 budget reflect EPA's commitment to core environmental work and preserving hard-won progress made over the last 40 years in protecting and restoring the quality of our air, water and land.**
- **We have made hard choices in tough economic times that may slow the pace of progress toward our long-standing mission and the measures we established in the FY 2011-2015 Strategic Plan.**
- **We retain an overarching commitment to focus on the concerns of underserved communities and at-risk populations, and to follow the science and the law.**

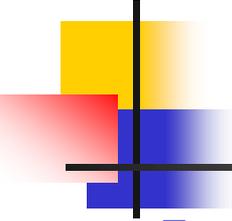


# Budget Request Highlights

## FY 2012 Request

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- **Enforcement and Compliance (+\$31 M)**
  - Regaining Ground: Increasing Compliance in Critical Areas
  - Deepwater Horizon Litigation
- **Chemical Safety – Chemical Risk Review and Reduction (+\$16 M)**
  - More fully implements Administrator's priority on Chemical Safety
- **Protecting America's Waters (+\$27 M)**
  - Chesapeake Bay
  - Mississippi River Basin Initiative

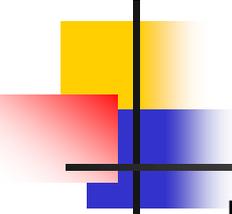


# Budget Request Highlights

## FY 2012 Request

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- **Taking Action on Climate Change & Air Quality Mgmt. (+\$53 M)**
  - Implement the GHG Registry, GHG Performance Standards for Transportation Sources, and the GHG Reporting Rule
  - Prepare New Source Performance Standards
  - Carbon Capture and Sequestration
  - Improve Air Monitoring Capabilities
- **Cleaning Up Our Communities (+\$20 M)**
  - Schools, Air Toxics, Urban Waters, Smart Growth
- **Strengthening Research (+\$28.7M, \$584.1M total)**
  - STAR, Computational Toxicology, Labs



# Budget Request Highlights

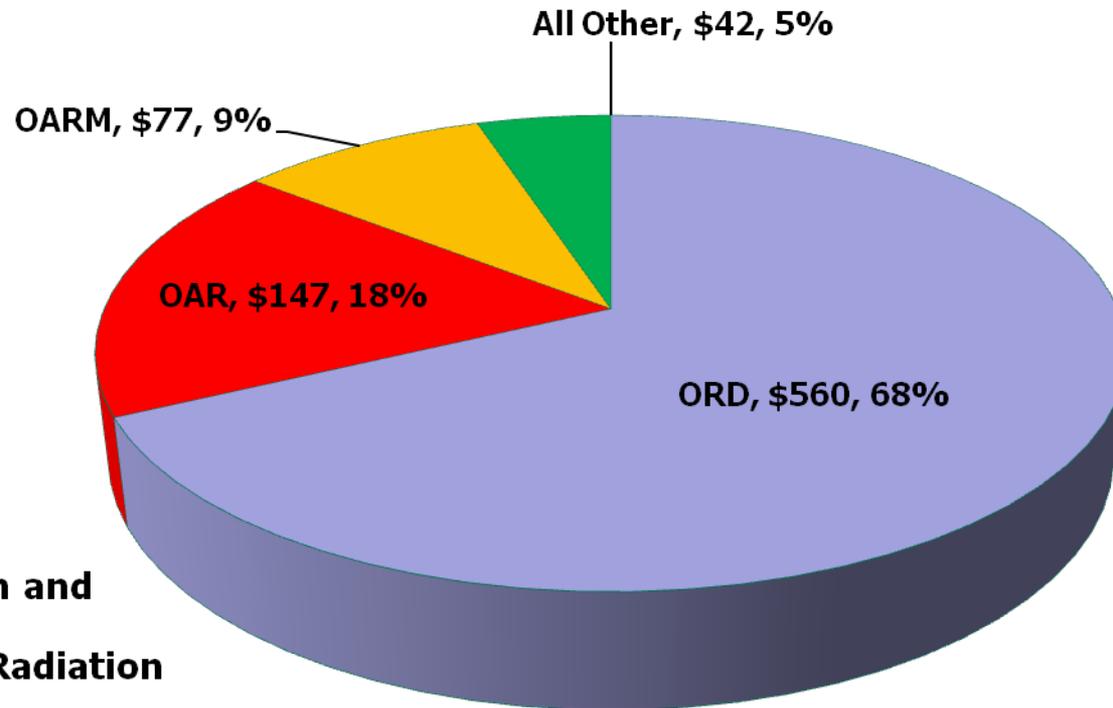
## FY 2012 Request

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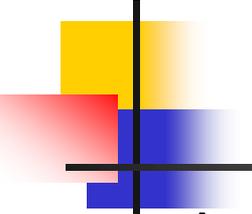
- **Building Strong State and Tribal Partnerships (+\$128 M)**
  - State and Local Air Quality Management Grants (+\$79 M)
  - Water Pollution Control Grants (+\$21 M)
  - Multi-Media Tribal Implementation Grants (+\$20 M)
  - Tribal General Assistance Grants (+\$9 M)
  
- ***Major decreases include:***
  - Water Infrastructure
  - Great Lakes
  - Diesel Emission Reduction Act (DERA)
  - Superfund
  - Resource Conservation and Recovery Act (RCRA)
  - Nonpoint Source (Sec. 319) Grants

# FY 2012 S&T Request by NPM

(Dollars in Millions)



- Office of Research and Development
- Office of Air and Radiation
- Office of Administration and Resource Management
- All Other



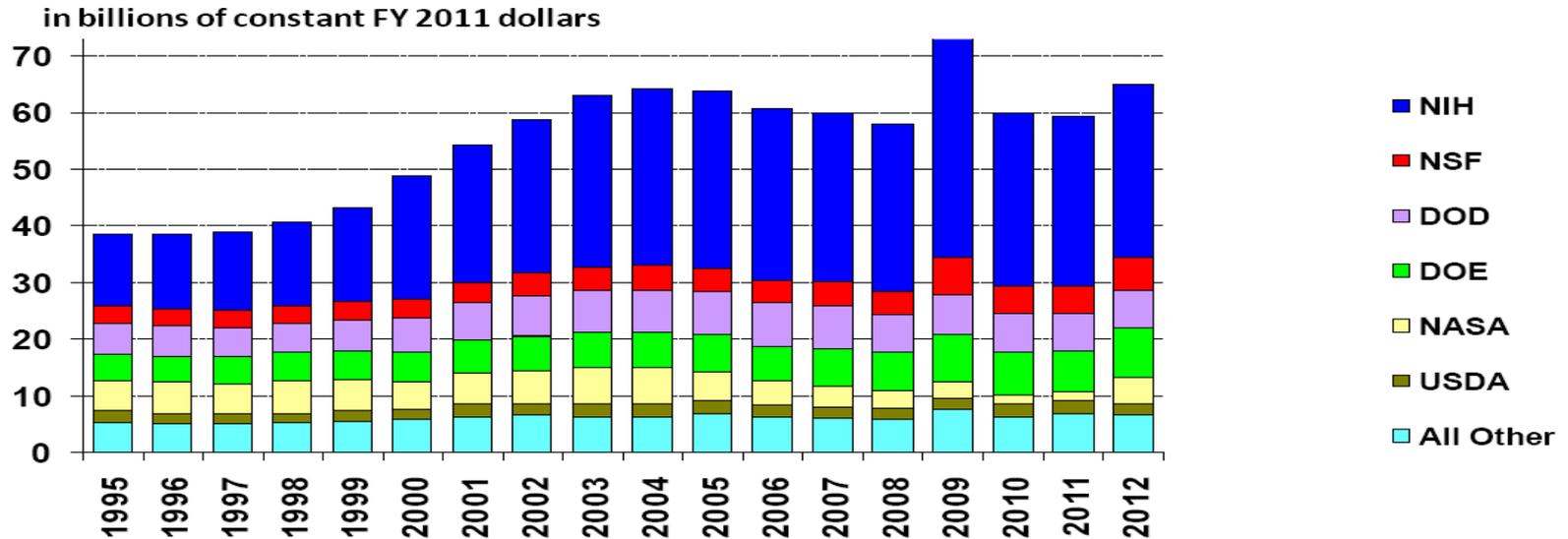
# FY 2012 EPA S&T Highlights Outside the Office of Research and Development

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- An \$8.8 million increase for Federal Vehicle and Fuels Standards and Certification to promote clean air efforts.
- A \$9.9 million decrease to reflect completion of certain activities for the establishment of five full-scale contamination warning system demonstration pilots in public water systems under the Water Security Initiative (WSI).
- A \$3.5 million decrease for Climate Protection efforts including certain ENERGY STAR activities and California technology partnerships.
- A \$2.2 million decrease for Pesticide Program Homeland Security activities including disinfection capabilities in food and agriculture.

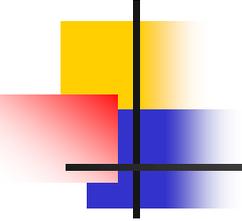
# Government-wide Perspective

## Federal Research by Agency, FY 1995-2012



FY 2009 figures include Recovery Act appropriations.  
2011 figures are preliminary estimates.  
Research includes basic research and applied research.  
FEB. '11 OSTP

- Budget proposes \$148 B for federal R&D – an increase of \$772 M or .5%.
- Public and private R & D funding is 2.7% of GDP today; historic high is 2.9% in 1964. President's goal is 3%.



# New Directions in Research

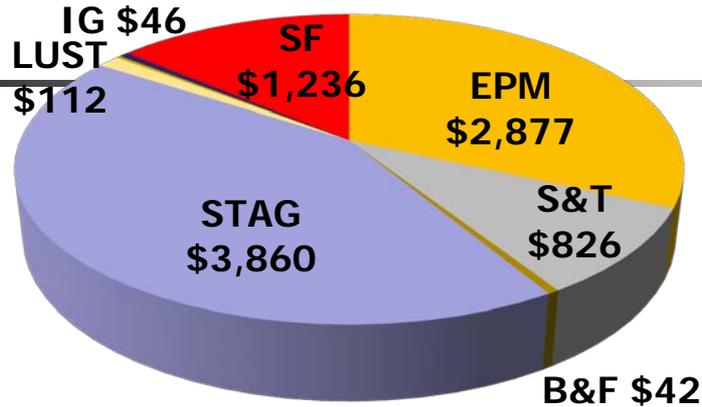
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- “Agencies should encourage and rigorously evaluate new approaches to multidisciplinary research, such as the convergence of bio-, info- and nanotechnologies, and new approaches for accelerating technology commercialization and innovation.” —*OSTP guidance*
- “The best scientific minds, both inside and outside this Agency, have recognized that many of today’s environmental challenges are subtler and more complex than in the past...
- ...Sustainability is about understanding that environmental challenges do not obey bright lines or numeric limits. They are not constrained by disciplinary boundaries or the boxed walls of an organizational chart.” — *EPA Administrator, Fall 2010*

# FY 2012 Appropriation Totals

(Dollars in Millions)

## 2012 Pres Bud



**FY 2012 President's Budget  
\$8.97 Billion**

	<i><b>FY 2010 Enacted</b></i>	<i><b>FY 2011 CR</b></i>	<i><b>FY 2012 PresBud</b></i>	<i><b>12 PB to 10 Ena</b></i>
EPM	\$2,994	\$2,994	\$2,877	-\$117
S&T (excludes SF transfer)	\$846	\$846	\$826	-\$20
B&F	\$37	\$37	\$42	\$5
STAG	\$4,978	\$4,978	\$3,860	-\$1,118
LUST	\$113	\$113	\$112	-\$1
Oil	\$18	\$18	\$24	\$6
IG (excludes SF transfer)	\$45	\$45	\$46	\$1
SF (includes transfers to IG and S&T)	\$1,307	\$1,307	\$1,236	-\$71
Rescission to Prior Year Funding	(\$40)	(\$40)	(\$50)	-\$10
<b>TOTAL</b>	<b>\$10,298</b>	<b>\$10,298</b>	<b>\$8,973</b>	<b>-\$1,325</b>