

An Update on R&D in the 2009 Budget

Kei Koizumi

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for the AAAS Board of Directors

AAAS R&D Budget and Policy Program

<http://www.aaas.org/spp/rd>

See the “What’s New” section for the latest updates; see the “Seminars and Presentations” section for copies of this presentation.

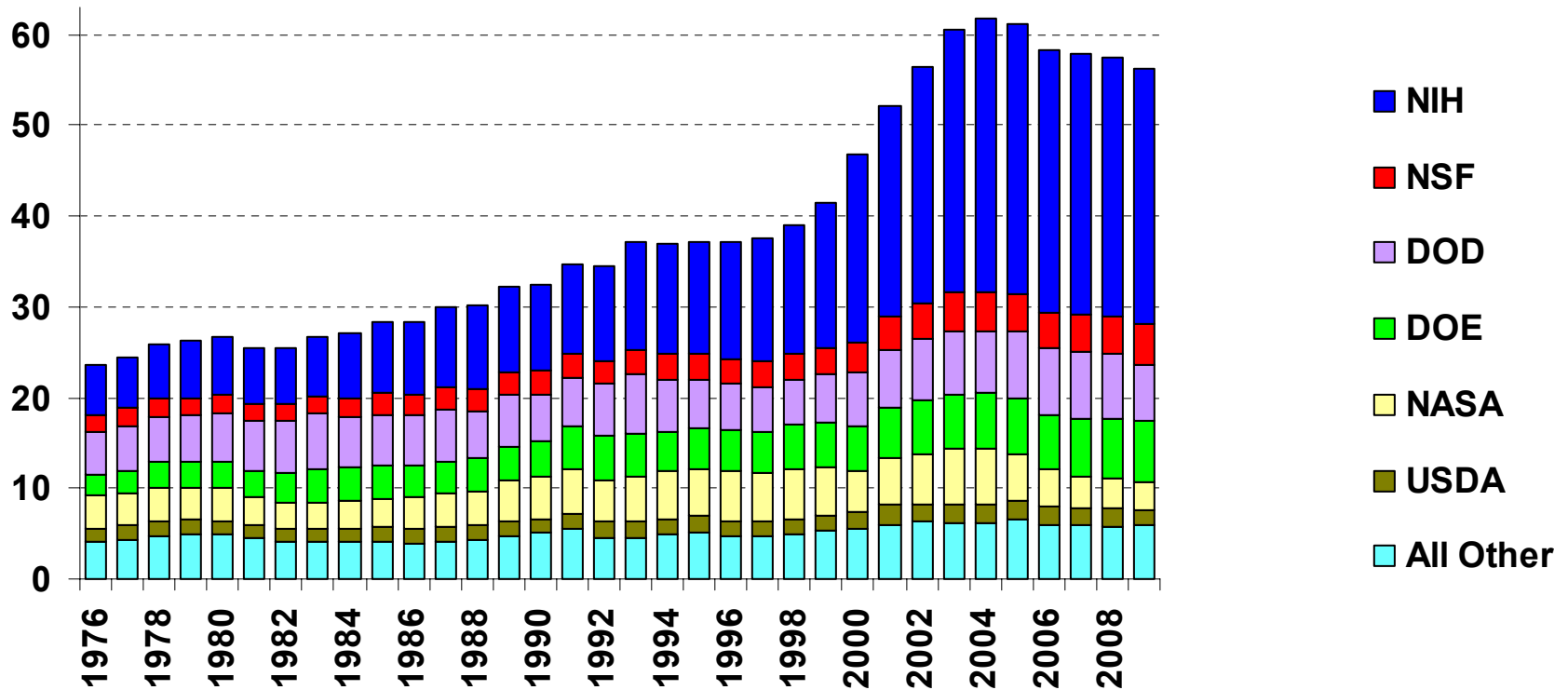


THE 2008 AND 2009 BUDGETS

- Congress is working on a \$100+ billion 2008 supplemental appropriations bill, primarily for war funding.
- It's still unclear whether \$300-\$500 million in science funding will be in the supplemental (DOE Science, NSF, NIST).
- Congress is still working on a final 2009 budget resolution, which could allocate up to \$25 billion more for domestic appropriations than the President's request.
- After the budget resolution, the first 2009 appropriations could be drafted in May.

Trends in Research by Agency, FY 1976-2009 *

in billions of constant FY 2008 dollars



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

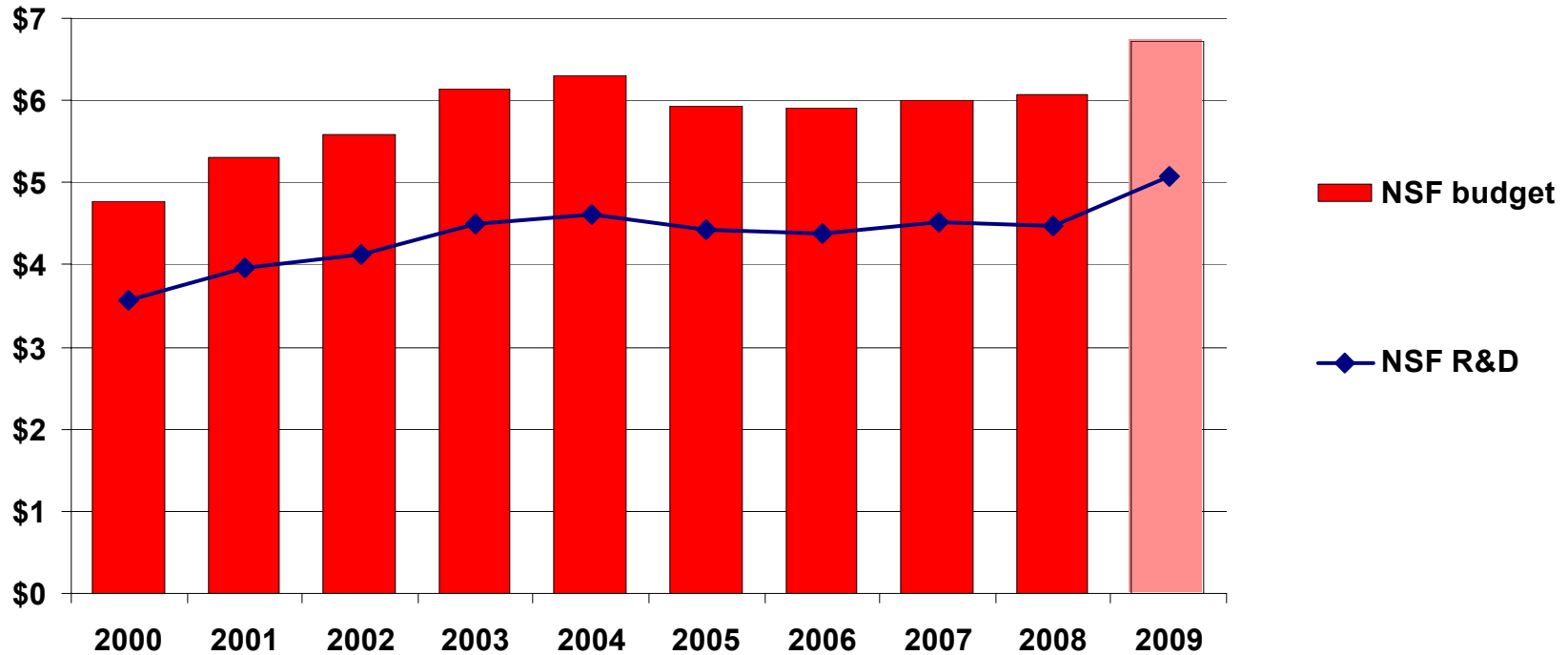
* FY 2009 figures are latest AAAS estimates of FY 2009 request. Research includes basic research and applied research. 1976-1994 figures are NSF data on obligations in the Federal Funds survey.

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National Science Foundation Budget, FY 2000-2009

(budget authority in billions of constant FY 2008 dollars)

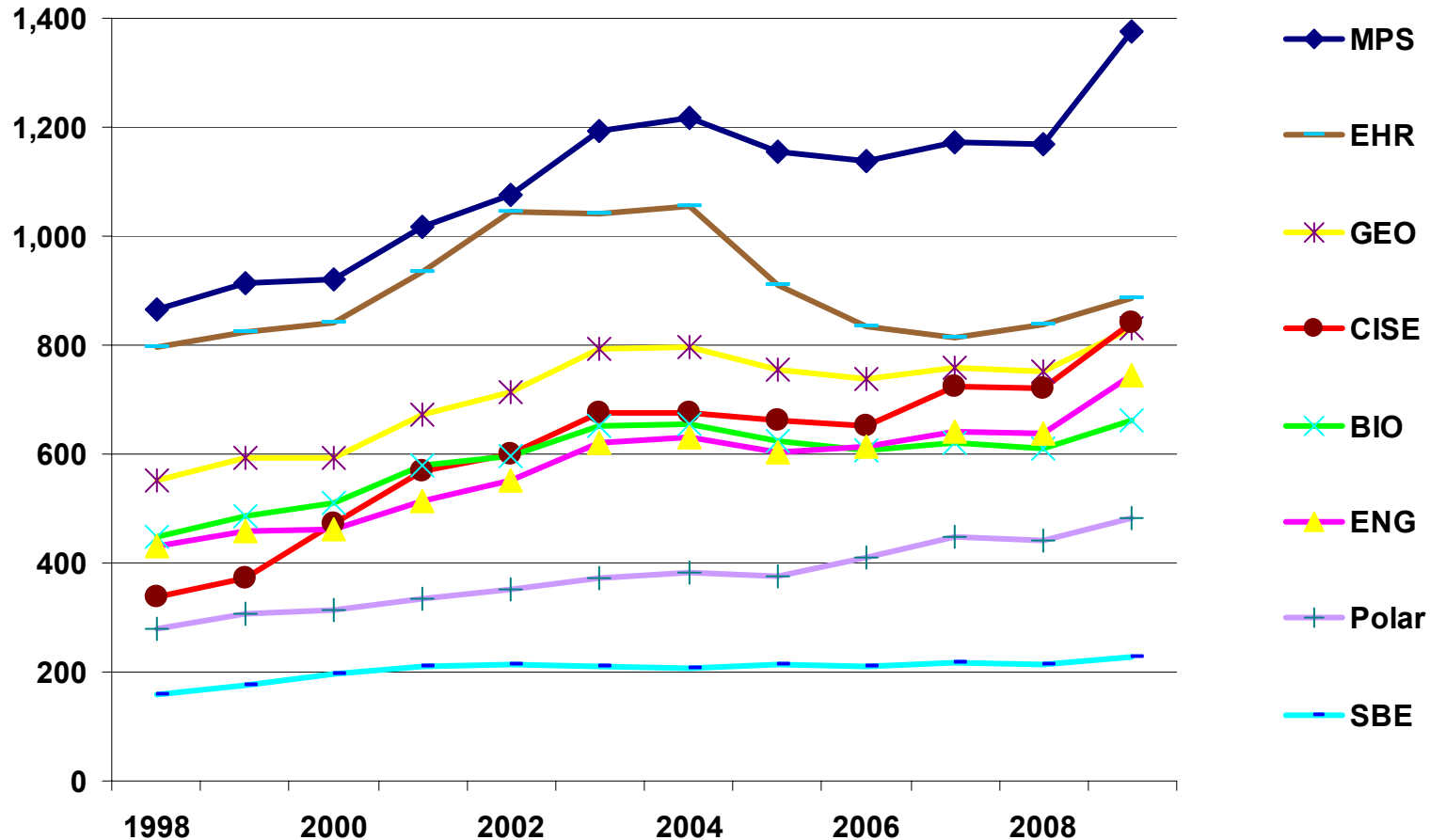


Source: National Science Foundation, and latest AAAS estimates of FY 2009 budget. FY 2009 is budget request.
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NSF Budget by Directorate, FY 1998-2009

(budget authority in millions of constant FY 2008 dollars)



Source: National Science Foundation data. FY 2009 figures are President's request.

CISE includes new Office of Cyberinfrastructure.

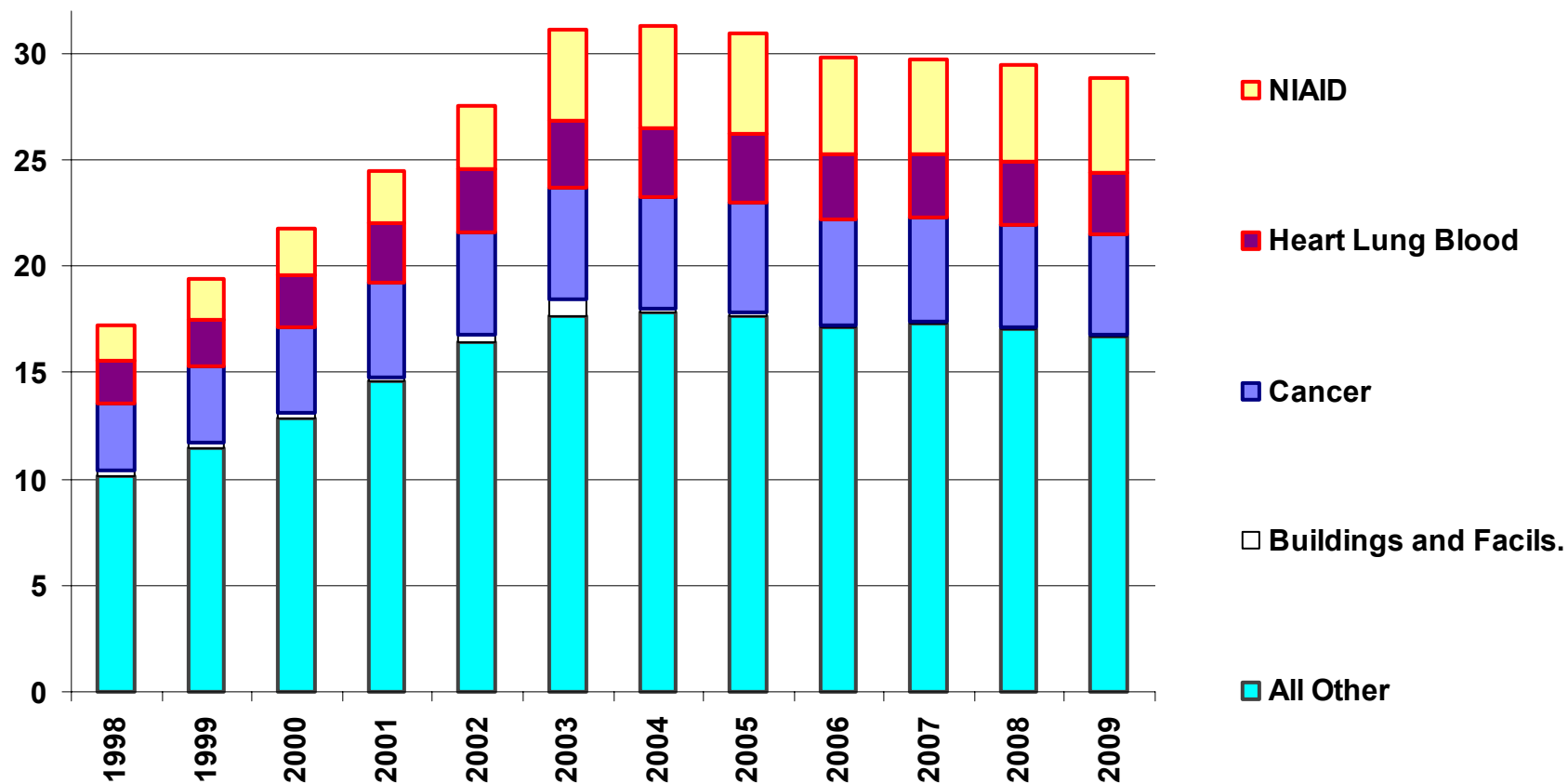
R&D and non-R&D components included in directorate budgets.

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National Institutes of Health Budget by Institute, 1998-2009 *

(budget authority in billions of constant FY 2008 dollars)



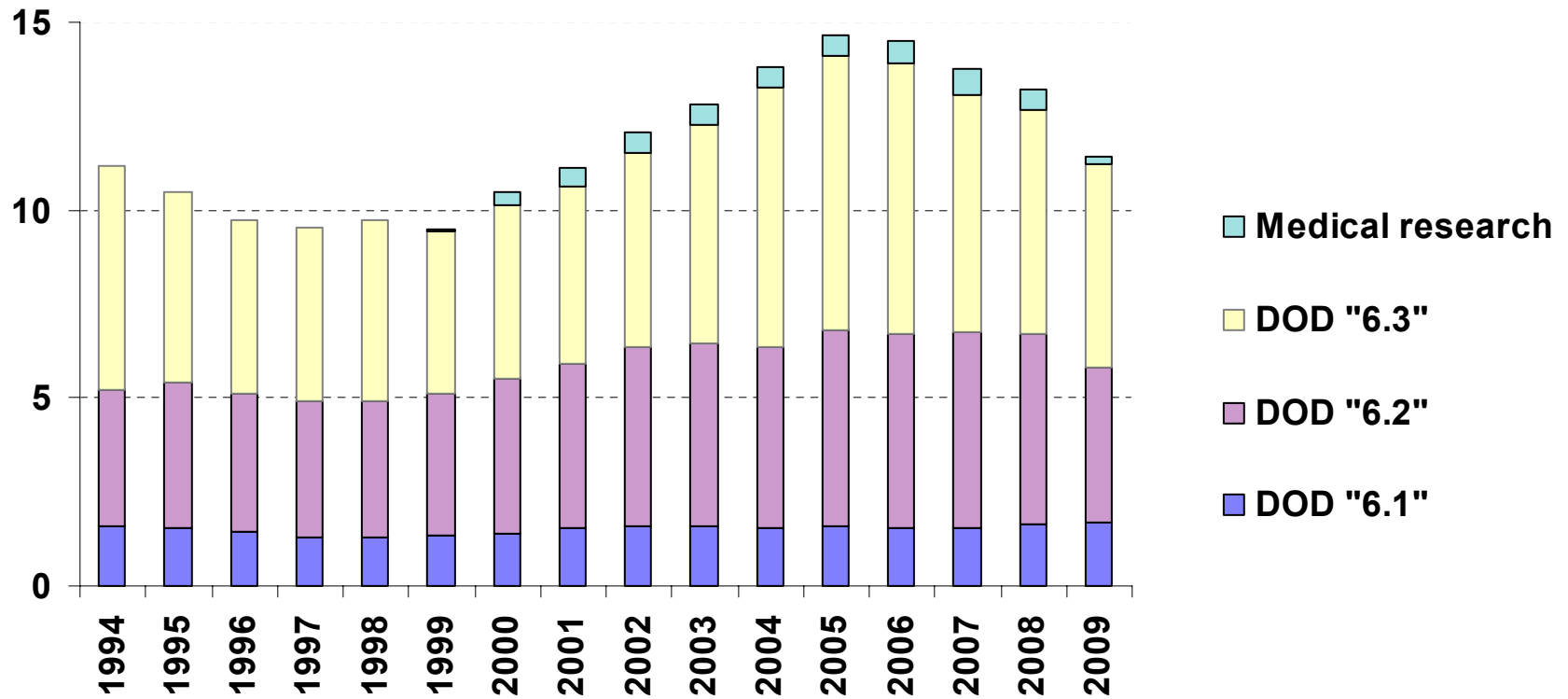
Source: AAAS R&D reports from NIH budget documents 1998-2009. * 2009 is latest AAAS estimates of FY 2009 request. Adjusted for inflation using OMB's GDP deflators.

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Trends in DOD "S&T", FY 1994-2009 *

in billions of constant FY 2008 dollars

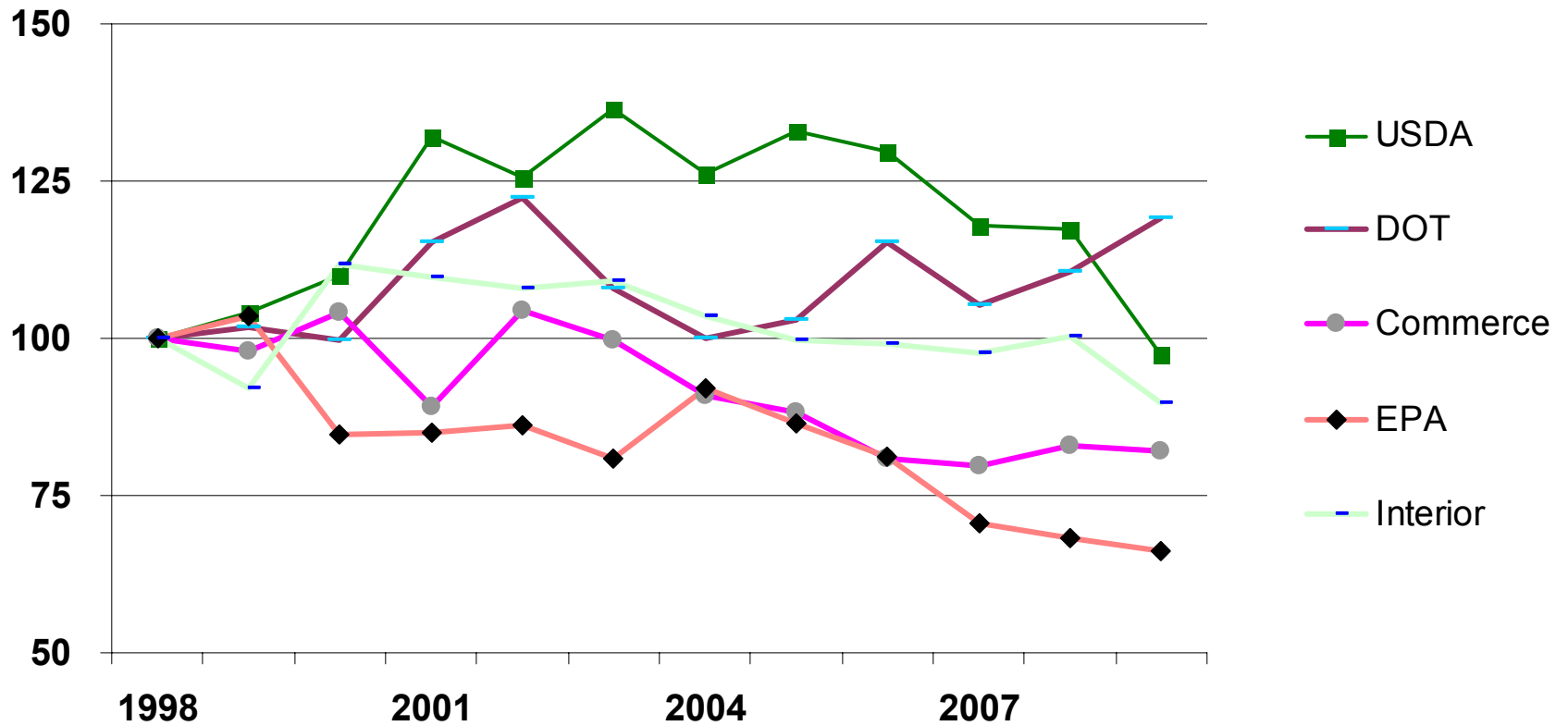


Source: AAAS analyses of R&D in annual AAAS R&D reports.
 * - FY 2009 figures are latest AAAS estimates of FY 2009 request.
 Medical research appropriated outside RDT&E; appropriated in "6.2" accounts before 1999.
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Trends in Federal R&D, FY 1998-2009 *

selected agencies in constant dollars, FY 1998=100



Source: AAAS analyses of R&D in *AAAS Reports VIII- XXXIII*

* FY 2009 figures are latest AAAS estimates of Fthe Y 2009 request.

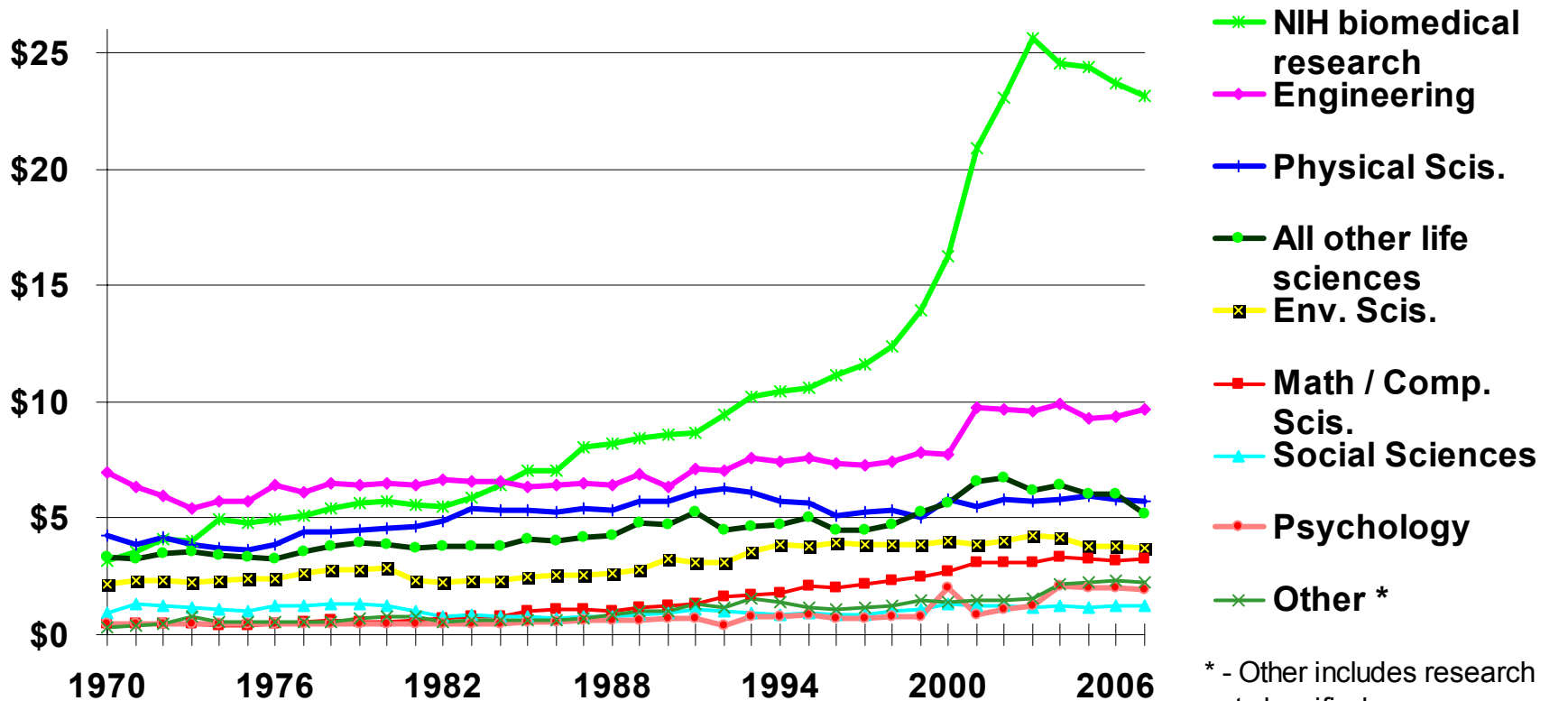
R&D includes conduct of R&D and R&D facilities.

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Trends in Federal Research by Discipline, FY 1970-2007

obligations in billions of constant FY 2008 dollars



* - Other includes research not classified (includes basic research and applied research; excludes development and R&D facilities)

Life sciences - split into NIH support for biomedical research and all other agencies' support for life sciences.
 Source: National Science Foundation, *Federal Funds for Research and Development FY 2005, 2006, 2007, 2008*. FY 2006 and 2007 data are preliminary. Constant-dollar conversions based on OMB's GDP deflators. FEB. '08 © 2008 AAAS



WHAT'S NEXT?

- By Memorial Day, Congress hopes to have a 2008 supplemental on the President's desk. The President may veto it.
- The Appropriations Committees will try to write and pass 12 2009 appropriations bills. But Congress is already considering delaying appropriations until the next President is in office.

FOR MORE INFORMATION...

The AAAS R&D web site is
www.aaas.org/spp/rd

The AAAS Forum on
Science and Technology
Policy is 8-9 May 2008
in Washington, DC

AAAS REPORT XXXIII

Research & Development FY 2009

Intersociety Working Group

