

AAAS Analysis of the Outyear Projections for R&D in the FY 2005 Budget

**Table 1.** AAAS Analysis of the Outyear Projections for R&D in the FY 2005 Budget  
(budget authority in millions of dollars)

	FY 2004 Estimate	FY 2005 Budget	FY 2006 Projected	FY 2007 Projected	FY 2008 Projected	FY 2009 Projected	% Change FY 04-09 current \$ constant \$	
<b>Total R&amp;D (Conduct and Facilities)</b>								
Defense (military)	65,970	69,928	72,005	71,735	72,669	71,661	8.6%	<b>0.0%</b>
<i>DOD S&amp;T ('6.1' - '6.3' &amp; med.)</i>	<i>12,567</i>	<i>10,622</i>	<i>10,534</i>	<i>10,899</i>	<i>11,044</i>	<i>11,211</i>	-10.8%	<b>-17.9%</b>
Health & Human Services	28,469	29,361	28,782	28,919	29,383	29,313	3.0%	<b>-5.2%</b>
<i>Nat'l Institutes of Health</i>	<i>27,220</i>	<i>27,923</i>	<i>27,353</i>	<i>27,481</i>	<i>27,713</i>	<i>27,852</i>	2.3%	<b>-5.8%</b>
NASA	10,909	11,334	12,142	12,970	13,417	14,448	32.4%	<b>21.9%</b>
Energy	8,804	8,880	9,030	9,239	9,374	9,461	7.5%	<b>-1.1%</b>
<i>Defense</i>	<i>4,244</i>	<i>4,333</i>	<i>4,502</i>	<i>4,689</i>	<i>4,783</i>	<i>4,870</i>	14.7%	<b>5.6%</b>
<i>Science</i>	<i>3,186</i>	<i>3,172</i>	<i>3,097</i>	<i>3,104</i>	<i>3,123</i>	<i>3,132</i>	-1.7%	<b>-9.5%</b>
<i>Energy</i>	<i>1,374</i>	<i>1,375</i>	<i>1,431</i>	<i>1,447</i>	<i>1,468</i>	<i>1,459</i>	6.1%	<b>-2.3%</b>
Nat'l Science Foundation	4,077	4,226	4,141	4,161	4,198	4,219	3.5%	<b>-4.7%</b>
Agriculture	2,240	2,163	2,110	2,121	2,143	2,160	-3.6%	<b>-11.3%</b>
Commerce	1,131	1,075	1,050	1,053	1,060	1,062	-6.1%	<b>-13.6%</b>
NOAA	617	610	595	596	599	600	-2.8%	<b>-10.5%</b>
NIST	471	426	417	420	422	423	-10.1%	<b>-17.3%</b>
Interior	675	648	635	636	639	639	-5.4%	<b>-12.9%</b>
Transportation	707	755	746	748	750	752	6.4%	<b>-2.1%</b>
Environ. Protection Agcy.	616	572	560	562	566	569	-7.6%	<b>-15.0%</b>
Homeland Security	1,053	1,216	1,267	1,319	1,374	1,430	35.8%	<b>25.0%</b>
Veterans Affairs	820	770	750	752	756	756	-7.8%	<b>-15.1%</b>
Education	290	304	296	297	298	299	3.1%	<b>-5.1%</b>
All Other	745	730	716	717	720	721	-3.2%	<b>-10.9%</b>
<b>Total R&amp;D</b>	<b>126,507</b>	<b>131,961</b>	<b>134,231</b>	<b>135,230</b>	<b>137,347</b>	<b>137,488</b>	<b>8.7%</b>	<b>0.0%</b>
Defense R&D	70,501	74,668	76,922	76,847	77,885	76,974	9.2%	<b>0.5%</b>
Nondefense R&D	56,005	57,293	57,309	58,383	59,463	60,514	8.1%	<b>-0.5%</b>
<i>Nondef. R&amp;D minus DHS &amp; NASA</i>	<i>44,043</i>	<i>44,743</i>	<i>43,901</i>	<i>44,094</i>	<i>44,672</i>	<i>44,636</i>	1.3%	<b>-6.7%</b>

Source: AAAS analyses of defense and nondefense R&D, based on detailed budget account projections accompanying the *Budget of the United States Government FY 2005*.

FY 2004 figures represent latest agency estimates of R&D, based on final FY 2004 appropriations.

FY 2005 figures represent latest revised agency requests.

Constant dollar conversions based on GDP deflators from OMB.

**AAAS - April 22, 2004 (revised May 7 with new DOD totals)**

The detailed analyses of defense and nondefense R&D containing agency details, methodology, and other outyear projections data are available on the World Wide Web at <http://www.aaas.org/spp/rd> in the "Guide to R&D Funding Data" section (see "Outyear Projections").