

Table 1. R&amp;D by Agency in FY 2005 Final Appropriations

**Table 1. Total R&D by Agency**  
**Final Congressional Action on R&D in the FY 2005 Budget**  
**(budget authority in millions of dollars)**

	FY 2004 Estimate	FY 2005 Request	FY 2005 Approved	House-Senate Conference			
				Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 2004 Amount	Chg. from FY 2004 Percent
Defense (military)	65,656	68,759	<b>70,285</b>	1,526	2.2%	4,630	7.1%
("S&T" 6.1,6.2,6.3 + Medical)	12,558	10,623	<b>13,550</b>	2,928	27.6%	993	7.9%
(All Other DOD R&D)	53,098	58,136	<b>56,735</b>	-1,402	-2.4%	3,637	6.8%
National Aeronautics & Space Admin.	10,909	11,334	<b>11,132</b>	-201	-1.8%	224	2.0%
Energy	8,804	8,880	<b>8,956</b>	76	0.9%	152	1.7%
(Office of Science)	3,186	3,172	<b>3,324</b>	152	4.8%	138	4.3%
(Energy R&D)	1,374	1,375	<b>1,339</b>	-37	-2.7%	-36	-2.6%
(Atomic Energy Defense R&D)	4,244	4,333	<b>4,293</b>	-40	-0.9%	49	1.2%
Health and Human Services	28,469	29,361	<b>29,108</b>	-253	-0.9%	639	2.2%
(National Institutes of Health)	27,220	27,923	<b>27,771</b>	-152	-0.5%	551	2.0%
National Science Foundation	4,077	4,226	<b>4,063</b>	-162	-3.8%	-14	-0.3%
Agriculture	2,240	2,163	<b>2,414</b>	252	11.6%	174	7.8%
Homeland Security	1,037	1,141	<b>1,243</b>	102	9.0%	206	19.9%
Interior	675	648	<b>672</b>	24	3.6%	-3	-0.5%
(U.S. Geological Survey)	547	525	<b>545</b>	20	3.8%	-2	-0.3%
Transportation	707	755	<b>718</b>	-37	-4.9%	10	1.5%
Environmental Protection Agency	616	572	<b>598</b>	26	4.6%	-17	-2.8%
Commerce	1,131	1,075	<b>1,183</b>	108	10.1%	52	4.6%
(NOAA)	617	610	<b>684</b>	73	12.0%	66	10.7%
(NIST)	471	426	<b>468</b>	42	9.9%	-3	-0.5%
Education	290	304	<b>258</b>	-46	-15.2%	-32	-11.1%
Agency for Int'l Development	238	223	<b>243</b>	20	9.0%	5	2.1%
Department of Veterans Affairs	820	770	<b>813</b>	43	5.6%	-7	-0.8%
Nuclear Regulatory Commission	60	61	<b>61</b>	0	-0.8%	1	0.9%
Smithsonian	136	144	<b>141</b>	-3	-1.9%	5	3.8%
All Other	311	302	<b>311</b>	9	2.8%	0	-0.2%
<b>Total R&amp;D</b>	<b>126,176</b>	<b>130,717</b>	<b>132,200</b>	<b>1,484</b>	<b>1.1%</b>	<b>6,024</b>	<b>4.8%</b>
Defense R&D	70,187	73,499	<b>74,976</b>	1,477	2.0%	4,790	6.8%
Nondefense R&D	55,989	57,218	<b>57,224</b>	6	0.0%	1,234	2.2%
Nondefense R&D minus DHS	55,239	56,484	<b>56,378</b>	-105	-0.2%	1,139	2.1%
Nondefense R&D minus NIH	28,770	29,295	<b>29,453</b>	158	0.5%	683	2.4%
Basic Research	26,552	26,770	<b>26,954</b>	184	0.7%	402	1.5%
Applied Research	29,025	28,841	<b>30,016</b>	1,175	4.1%	991	3.4%
Total Research	<b>55,578</b>	<b>55,611</b>	<b>56,970</b>	<b>1,359</b>	<b>2.4%</b>	<b>1,392</b>	<b>2.5%</b>
Development	66,192	70,287	<b>70,480</b>	193	0.3%	4,289	6.5%
R&D Facilities and Capital Equipment	4,407	4,818	<b>4,750</b>	-68	-1.4%	343	7.8%
"FS&T"	60,613	60,380	<b>61,804</b>	1,424	2.4%	1,191	2.0%

AAAS estimates of R&D in FY 2005 appropriations bills. Includes conduct of R&D and R&D facilities.

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

**FY 2005 Approved figures adjusted to reflect across-the-board reductions in the FY 2005 omnibus bill.**  
**November 24, 2004 - AAAS estimates of final FY 2005 appropriations bills.**