

Table 1. R&amp;D by Agency in FY 2009 Appropriations (as of 2/09)

**Table 4. Total R&D by Agency**  
**Congressional Action on R&D in the FY 2009 Budget (including stimulus)**  
**(budget authority in millions of dollars)**

	FY 2008 Estimate	FY 2009 Request	FY 2009 Congress	House-Senate Conference		House-Senate Conference	
				Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 2008 Amount	Chg. from FY 2008 Percent
Defense (military) *	79,347	81,067	<b>82,678</b>	1,610	2.0%	3,330	4.2%
("S&T" 6.1,6.2,6.3 + Medical) *	13,456	11,669	<b>14,411</b>	2,742	23.5%	955	7.1%
(All Other DOD R&D) *	65,891	69,398	<b>68,266</b>	-1,132	-1.6%	2,375	3.6%
National Aeronautics & Space Admin.	12,251	12,780	<b>13,789</b>	1,009	7.9%	1,538	12.6%
Energy	9,724	10,519	<b>16,309</b>	5,791	55.1%	6,586	67.7%
(Office of Science)	3,637	4,314	<b>6,129</b>	1,815	42.1%	2,493	68.5%
(Energy R&D)	2,369	2,380	<b>6,378</b>	3,998	168.0%	4,009	169.2%
(Atomic Energy Defense R&D)	3,718	3,825	<b>3,803</b>	-22	-0.6%	85	2.3%
Health and Human Services	29,966	29,973	<b>41,877</b>	11,904	39.7%	11,911	39.7%
(National Institutes of Health)	28,826	28,666	<b>39,865</b>	11,199	39.1%	11,039	38.3%
(All Other HHS R&D)	1,140	1,307	<b>2,012</b>	705	54.0%	872	76.5%
National Science Foundation	4,501	5,175	<b>7,454</b>	2,279	44.0%	2,953	65.6%
Agriculture	2,359	1,955	<b>2,629</b>	674	34.5%	270	11.4%
Homeland Security	992	1,033	<b>1,085</b>	52	5.0%	93	9.4%
Interior	676	618	<b>707</b>	89	14.5%	31	4.6%
(U.S. Geological Survey)	586	546	<b>617</b>	71	13.1%	31	5.3%
Transportation	820	902	<b>922</b>	20	2.3%	102	12.4%
Environmental Protection Agency	548	541	<b>561</b>	20	3.7%	13	2.4%
Commerce	1,138	1,152	<b>1,789</b>	637	55.3%	650	57.1%
(NOAA)	581	576	<b>632</b>	56	9.7%	51	8.7%
(NIST)	521	546	<b>1,121</b>	575	105.3%	600	115.0%
Education	321	324	<b>336</b>	12	3.8%	15	4.7%
Agency for Int'l Development	223	223	<b>223</b>	0	0.0%	0	0.0%
Department of Veterans Affairs	891	884	<b>952</b>	68	7.7%	61	6.8%
Nuclear Regulatory Commission	71	77	<b>86</b>	9	11.7%	15	21.1%
Smithsonian	203	222	<b>222</b>	0	0.0%	19	9.4%
All Other	322	299	<b>339</b>	40	13.4%	17	5.3%
<b>TOTAL R&amp;D</b>	<b>144,354</b>	<b>147,743</b>	<b>171,958</b>	<b>24,214</b>	<b>16.4%</b>	<b>27,604</b>	<b>19.1%</b>
Defense R&D	83,065	84,892	<b>86,480</b>	1,588	1.9%	3,415	4.1%
Nondefense R&D	61,288	62,851	<b>85,477</b>	22,626	36.0%	24,189	39.5%
Basic Research	28,837	29,656	<b>38,920</b>	9,264	31.2%	10,083	35.0%
Applied Research	29,151	27,626	<b>36,395</b>	8,769	31.7%	7,244	24.8%
Total Research	57,988	57,282	<b>75,315</b>	18,034	31.5%	17,327	29.9%
Development	81,890	85,745	<b>88,202</b>	2,456	2.9%	6,312	7.7%
R&D Facilities and Capital Equipment	4,476	4,716	<b>8,440</b>	3,724	79.0%	3,965	88.6%

AAAS estimates of R&D in FY 2009 appropriations bills, including HR 1 (ARRA). Includes conduct of R&D and R&D facilities.

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

FY 2008 figures have been adjusted to reflect supplementals enacted in Public Law 110-252 and contained in the FY 2009 CR.

These figures have been revised since the publication of AAAS Report XXXIII: R&D FY 2009.

**Revised to reflect FY 2009 appropriations in the FY 2009 omnibus appropriations bill (HR 1105).**

**February 24, 2009 - AAAS estimates of FY 2009 appropriations.**

**All figures INCLUDE supplemental (stimulus) appropriations in Public Law 111-5.**