

Table 3. Major Functional Categories of R&amp;D in FY 2009 Appropriations (as of 2/09)

**Table 3. Major Functional Categories of R&D  
Congressional Action on R&D in the FY 2009 Budget (excluding stimulus)  
(budget authority in millions of dollars)**

	FY 2008 Estimate	FY 2009 Request	FY 2009 Congress	House-Senate Conference				% of Total ('09)
				Chg. from Request		Chg. from FY 2008		
				Amount	Percent	Amount	Percent	
Defense * <sup>1</sup>	83,065	84,892	<b>86,180</b>	1,288	1.5%	3,115	3.8%	57.0%
Nondefense * <sup>2</sup>	61,288	62,851	<b>64,955</b>	2,104	3.3%	3,667	6.0%	43.0%
Space	11,739	12,334	<b>12,339</b>	5	0.0%	600	5.1%	8.2%
Health *	30,813	30,813	<b>31,960</b>	1,147	3.7%	1,147	3.7%	21.1%
Energy	2,460	2,474	<b>2,982</b>	508	20.5%	522	21.2%	2.0%
General Science *	8,829	10,225	<b>9,875</b>	-350	-3.4%	1,045	11.8%	6.5%
Natural Resources & Environ.	2,153	2,060	<b>2,259</b>	198	9.6%	106	4.9%	1.5%
Agriculture	2,022	1,640	<b>2,104</b>	464	28.3%	82	4.1%	1.4%
Transportation	1,359	1,366	<b>1,438</b>	72	5.3%	79	5.8%	1.0%
Commerce	557	576	<b>597</b>	21	3.7%	40	7.1%	0.4%
International	255	255	<b>255</b>	0	0.0%	0	0.0%	0.2%
Administration of Justice *	355	356	<b>352</b>	-4	-1.1%	-3	-0.8%	0.2%
All Other	746	752	<b>795</b>	43	5.7%	49	6.6%	0.5%
<b>Total R&amp;D *</b>	<b>144,354</b>	<b>147,743</b>	<b>151,135</b>	<b>3,392</b>	<b>2.3%</b>	<b>6,781</b>	<b>4.7%</b>	<b>100.0%</b>

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.

Classifications generally follow the government's budget function categories except health (which here includes health R&D in HHS and VA).

<sup>1</sup> Includes DOD R&D, atomic energy defense R&D in DOE, and defense-related R&D in DHS.

<sup>2</sup> Includes all R&D not in defense (domestic and international discretionary programs).

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 EXCLUDE supplemental (stimulus) appropriations in Public Law 111-5.**