

Table 8. DOE R&amp;D in FY 2006 Final Appropriations

**Table 8. Department of Energy  
Congressional Action on R&D in the FY 2006 Budget  
(budget authority in millions of dollars)**

	FY 2005 Estimate	FY 2006 Request	FY 2006 FINAL	House-Senate Conference			
				Chg. from Request		Chg. from FY 2005	
				Amount	Percent	Amount	Percent
DOE Appropriations Containing R&D:							
1. Energy Supply R&D 1/	423	397	<b>469</b>	72	18.2%	45	10.7%
2. Science	3,334	3,184	<b>3,320</b>	136	4.3%	-14	-0.4%
3. Fossil Energy R&D	448	382	<b>474</b>	92	24.1%	26	5.9%
4. Energy Conservation 1/	367	356	<b>306</b>	-50	-14.1%	-61	-16.7%
5. Atomic Energy Defense Activities	4,138	4,031	<b>4,038</b>	7	0.2%	-101	-2.4%
6. Clean Coal Technology 2/	-160	0	<b>-20</b>	-20	--	140	-87.5%
7. Radioactive Waste Management	63	44	<b>22</b>	-22	-50.0%	-41	-65.1%
<b>Total DOE R&amp;D</b>	<b>8,614</b>	<b>8,393</b>	<b>8,608</b>	<b>215</b>	<b>2.6%</b>	<b>-5</b>	<b>-0.1%</b>
Detail of selected appropriations:							
1. Energy Supply R&D							
Solar and Renewables	247	230	<b>221</b>	-9	-3.8%	-26	-10.5%
Electricity Transmission & Distrib. 1/	91	72	<b>136</b>	65	89.9%	45	49.0%
Nuclear Energy	85	95	<b>111</b>	16	17.1%	26	30.9%
TOTAL Energy Supply 1/	423	397	<b>469</b>	72	18.2%	45	10.7%
2. Science 3/							
High Energy Physics	736	714	<b>717</b>	3	0.4%	-20	-2.7%
Nuclear Physics	405	371	<b>367</b>	-4	-1.0%	-38	-9.3%
Fusion Energy Sciences	274	291	<b>288</b>	-3	-1.0%	14	5.0%
Basic Energy Sciences	1,105	1,146	<b>1,135</b>	-11	-1.0%	30	2.7%
Adv. Scientific Computing Res.	232	207	<b>235</b>	28	13.3%	2	1.0%
Biological and Environmental Res.	582	456	<b>580</b>	124	27.2%	-2	-0.4%
TOTAL Science 3/	3,334	3,184	<b>3,320</b>	136	4.3%	-14	-0.4%
5. Atomic Energy Defense Activities							
<b>National Nuclear Security Administration (NNSA)</b>							
Naval Reactors	772	756	<b>752</b>	-4	-0.5%	-21	-2.7%
Weapons Activities	3,084	2,940	<b>2,904</b>	-36	-1.2%	-180	-5.8%
(Science Campaigns)	276	262	<b>277</b>	15	5.6%	1	0.2%
(Adv. Simulation and Computing)	697	661	<b>600</b>	-61	-9.2%	-97	-13.9%
(Inertial Confinement Fusion)	536	460	<b>544</b>	83	18.1%	8	1.4%
(All Other Weapons Acts. R&D)	1,575	1,557	<b>1,484</b>	-73	-4.7%	-91	-5.8%
Nonproliferation & Verification R&D	224	272	<b>319</b>	47	17.2%	95	42.3%
<b>Total NNSA R&amp;D</b>	<b>4,080</b>	<b>3,968</b>	<b>3,975</b>	<b>7</b>	<b>0.2%</b>	<b>-106</b>	<b>-2.6%</b>
Environmental Management	56	61	<b>61</b>	0	0.0%	5	8.9%
Other AEDA R&D	2	2	<b>2</b>	0	0.0%	0	0.0%
TOTAL Atomic Defense R&D	4,138	4,031	<b>4,038</b>	7	0.2%	-101	-2.4%

AAAS estimates based on FY 2005 and FY 2006 appropriations bills. Includes conduct of R&D and R&D facilities.

FY 2005 and FY 2006 request figures based on OMB R&D data and supplemental agency budget data.

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

1/ FY 2006 Final transfers distributed energy R&D from Energy Conservation to Electricity Transmission.

2/ Negative budget authority because of rescissions and deferrals of previously appropriated funds. Coal research is now funded in the Fossil Energy program.

3/ Does not include non-R&D management and other costs.

FY 2006 Final figures adjusted to reflect across-the-board cuts in the final Defense bill.

**December 28, 2005 - AAAS estimates of final FY 2006 appropriations bills.**