

**Table. Department of Energy
House-Senate Conference on R&D in the FY 2004 Budget
(budget authority in millions of dollars)**

	FY 2003 Estimate	FY 2004 Request	House-Senate Conference				
			FY 2004 CONF.	Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 2003 Amount	Chg. from FY 2003 Percent
DOE Appropriations Containing R&D:							
1. Energy Supply R&D	309	376	385	9	2.4%	76	24.8%
2. Fossil Energy R&D	483	411	514	103	25.0%	31	6.5%
3. Energy Conservation	427	442	456	14	3.1%	29	6.8%
4. Science	3,075	3,066	3,190	124	4.0%	116	3.8%
5. Atomic Energy Defense Activities	3,869	4,180	4,127	-53	-1.3%	257	6.7%
6. Clean Coal Technology ¹	0	0	0	0	--	0	--
7. Radioactive Waste Management	62	59	59	0	-0.6%	-4	-6.0%
Total DOE R&D	8,225	8,535	8,731	196	2.3%	506	6.1%
Detail of selected appropriations:							
1. Energy Supply R&D							
Solar and Renewables	240	250	254	4	1.5%	14	5.8%
Nuclear Energy	69	127	132	5	4.1%	63	90.3%
TOTAL Energy Supply	309	376	385	9	2.4%	76	24.8%
4. Science ²							
High Energy Physics	722	738	734	-4	-0.6%	11	1.6%
Nuclear Physics	382	389	390	0	0.0%	8	2.0%
Fusion Energy Sciences	248	257	263	5	2.0%	14	5.7%
Basic Energy Sciences	1,023	1,009	1,011	2	0.2%	-13	-1.2%
<i>(Spallation Neutron Source)</i>	225	143	142	-1	-0.6%	-83	-36.8%
Adv. Scientific Computing Res.	172	173	204	31	17.7%	33	19.1%
Biological and Environmental Res.	527	500	590	90	18.1%	63	12.0%
Energy Research Analyses	1	0	0	0	--	-1	-100.0%
TOTAL Science ²	3,075	3,066	3,190	124	4.0%	116	3.8%
5. Atomic Energy Defense Activities							
National Nuclear Security Administration (NNSA)							
Naval Reactors	617	632	625	-7	-1.1%	8	1.3%
Weapons Activities	2,922	3,256	3,183	-73	-2.2%	261	8.9%
<i>(Stockpile R&D)</i>	467	433	410	-23	-5.3%	-57	-12.2%
<i>(Science Campaigns)</i>	255	270	249	-20	-7.6%	-6	-2.5%
<i>(Adv. Simulation and Computing)</i>	704	751	721	-29	-3.9%	17	2.4%
<i>(Inertial Confinement Fusion)</i>	504	467	514	47	10.2%	10	2.0%
-- <i>(Nat'l Ignition Facility Const.)</i>	214	150	149	-1	-0.6%	-65	-30.3%
<i>(All Other Weapons Acts. R&D)</i>	777	1,186	1,139	-47	-3.9%	363	46.7%
Nonproliferation & Verification R&D	212	196	223	27	13.8%	10	4.8%
Total NNSA R&D	3,752	4,084	4,031	-52	-1.3%	280	7.5%
Environmental Management	91	68	68	0	-0.6%	-23	-25.7%
Other AEDA R&D	27	28	28	0	-0.6%	1	4.5%
TOTAL Atomic Defense R&D	3,869	4,180	4,127	-53	-1.3%	257	6.7%

(continued)

AAAS R&D Funding Update - DOE R&D in FY 2004 House-Senate Conference

DOE R&D by Budget Function:

Defense	3,869	4,180	4,127	-53	-1.3%	257	6.7%
General Science	3,075	3,066	3,190	124	4.0%	116	3.8%
Energy	1,281	1,289	1,414	125	9.7%	133	10.4%

AAAS estimates based on FY 2003 and FY 2004 appropriations bills. Includes conduct of R&D and R&D facilities.

FY 2003 and FY 2004 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.

FY 2003 figures adjusted to reflect rescissions and supplementals enacted in Public Laws 108-7 and 108-11.

FY 2004 figures include supplemental appropriations for DOE in the FY 2004 omnibus appropriations bill.

FY 2004 figures adjusted to reflect general reductions in the FY 2004 Interior and FY 2004 omnibus appropriations bills.

¹ Funded from advance appropriations in previous years. Does not include deferrals of previously appropriated funds.

² Does not include program direction, waste management, and other non-R&D costs.

December 2, 2003 - House-Senate conference funding levels.

These funding levels are final unless the conference report is vetoed.

Department of Energy Budget (budget authority in millions of dollars)

	FY 2003 Estimate	FY 2004 Request	FY 2004 CONF.	House-Senate Conference			
				Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 2003 Amount	Chg. from FY 2003 Percent
Weapons Activities (NNSA)	5,983	6,378	6,236	-142	-2.2%	253	4.2%
Other NNSA Activities	2,285	2,457	2,456	0	0.0%	171	7.5%
Total NNSA	8,268	8,835	8,692	-143	-1.6%	424	5.1%
Defense Environmental Activities	6,757	6,810	6,588	-222	-3.3%	-169	-2.5%
Nuclear Waste and Other Defense	832	953	1,058	106	11.1%	227	27.2%
Total DOE defense	15,857	16,597	16,338	-259	-1.6%	481	3.0%
Science	3,295	3,311	3,484	173	5.2%	189	5.7%
Energy Supply	697	862	753	-109	-12.6%	56	8.0%
Fossil Energy	621	519	677	157	30.3%	56	9.0%
Energy Conservation	892	876	883	7	0.8%	-9	-1.0%
Other Energy Programs	383	497	402	-95	-19.1%	18	4.8%
Nondefense Environmental Mngmt.	214	292	337	45	15.5%	124	57.9%
Power Marketing Administrations	202	207	213	6	2.7%	11	5.4%
Departmental Administration	124	219	132	-87	-39.7%	8	6.4%
Total DOE Budget	22,285	23,380	23,220	-161	-0.7%	934	4.2%

Source: Department of Energy budget justification and FY 2004 appropriations bills.

DOE appropriations only (does not include offsets and other mandatory).

December 2, 2003 - House-Senate conference funding levels.

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