

**Table. Department of Energy
Congressional Action on R&D in the FY 2002 Budget
(budget authority in millions of dollars)**

	FY 2001 Estimate	FY 2002 Request	Action by Congress				
			FY 2002 Approved	Chg. from Request Amount	Percent	Chg. from FY 2001 Amount	Percent
DOE Appropriations Containing R&D:							
1. Energy Supply R&D	409	284	417	133	46.8%	8	2.0%
2. Fossil Energy R&D	396	296	408	112	37.8%	12	3.0%
3. Energy Conservation	441	316	454	138	43.8%	14	3.1%
4. Science	2,955	2,930	3,018	88	3.0%	63	2.1%
5. Atomic Energy Defense Activities	3,499	3,542	3,794	252	7.1%	295	8.4%
6. Clean Coal Technology ¹	0	0	0	0	--	0	--
7. Radioactive Waste Management	45	31	31	0	0.0%	-13	-29.9%
Total DOE R&D	7,744	7,399	8,122	723	9.8%	378	4.9%
Detail of selected appropriations:							
1. Energy Supply R&D							
Solar and Renewables	328	227	339	112	49.3%	11	3.3%
Nuclear Energy	81	57	78	21	36.7%	-3	-3.5%
TOTAL Energy Supply	409	284	417	133	46.8%	8	2.0%
4. Science ²							
High Energy Physics	702	706	706	0	0.0%	4	0.6%
Nuclear Physics	355	355	355	0	0.0%	0	0.0%
Fusion Energy Sciences	245	245	245	0	0.0%	0	0.1%
Basic Energy Sciences	984	997	1,004	7	0.7%	20	2.0%
(Spallation Neutron Source)	278	291	291	0	0.0%	13	4.8%
Adv. Scientific Computing Res.	166	163	158	-5	-3.1%	-8	-4.6%
Biological and Environmental Res.	481	442	527	86	19.4%	46	9.6%
Energy Research Analyses	1	1	1	0	0.0%	0	2.5%
Multiprogram Lab Support	22	22	22	0	0.0%	0	0.0%
TOTAL Science ²	2,955	2,930	3,018	88	3.0%	63	2.1%
5. Atomic Energy Defense Activities							
National Nuclear Security Administration (NNSA)							
Naval Reactors	669	667	665	-2	-0.3%	-3	-0.5%
Weapons Activities	2,357	2,449	2,569	120	4.9%	212	9.0%
Stockpile R&D	246	306	349	44	14.2%	104	42.2%
Adv. Simulation and Computing	747	738	730	-8	-1.1%	-17	-2.3%
ICF Ignition and High Yield ³	234	223	261	39	17.3%	28	11.9%
Nat'l Ignition Facility Construction	197	245	245	0	0.0%	48	24.2%
All Other Weapons Acts. R&D	934	938	984	46	4.9%	50	5.4%
Nonproliferation & Verification R&D	204	195	309	114	58.5%	105	51.2%
Fissile Materials Disposition	62	67	67	0	0.0%	6	9.6%
Total NNSA R&D	3,292	3,379	3,611	232	6.9%	319	9.7%
Environmental Management	176	131	151	20	15.2%	-25	-14.0%
Nuclear Safeguards & Security	26	26	26	0	0.0%	0	0.0%
Intelligence	5	5	5	0	0.0%	0	0.0%
TOTAL Atomic Defense R&D	3,499	3,542	3,794	252	7.1%	295	8.4%

(continued)

AAAS R&D Funding Update - DOE R&D in Final FY 2002 Appropriations

DOE R&D by Budget Function:

Defense	3,499	3,542	3,794	252	7.1%	295	8.4%
General Science	2,955	2,930	3,018	88	3.0%	63	2.1%
Energy	1,290	927	1,310	383	41.3%	20	1.6%

AAAS estimates based on FY 2002 appropriations bills. Includes conduct of R&D and R&D facilities.

FY 2001 and FY 2002 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 2002 Approved includes emergency funds transferred to DOE from funds appropriated in Public Law 107-38.

¹ Does not reflect previously appropriated funds in this program, nor rescissions and deferrals. True budget authority in this account is as follows: \$9 million FY 2001 (after \$95 mil. Transfer to Fossil Energy), and \$82 million FY 2002.

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

³ Inertial Confinement Fusion.

December 26, 2001 - Based on enacted FY 2002 appropriations bills.

Includes emergency appropriations for counterterrorism and national security.

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

	FY 2001 Estimate	FY 2002 Request	FY 2002 Approved	Action by Congress			
				Chg. from Request Amount	Percent	Chg. from FY 2001 Amount	Percent
Weapons Activities (NNSA)	5,201	5,300	5,565	265	5.0%	364	7.0%
Other NNSA Activities	1,571	1,477	2,030	553	37.5%	459	29.2%
Total NNSA	6,772	6,777	7,595	819	12.1%	823	12.2%
Defense Environmental Restoration	5,061	4,549	5,243	694	15.3%	182	3.6%
Nuclear Waste and Other Defense	1,970	2,030	2,074	44	2.2%	104	5.3%
Total DOE defense	13,803	13,355	14,912	1,557	11.7%	1,109	8.0%
Science	3,155	3,160	3,233	73	2.3%	78	2.5%
Energy Supply	661	505	667	162	32.0%	5	0.8%
Fossil Energy	539	449	583	134	29.8%	43	8.0%
Energy Conservation	815	756	913	157	20.8%	97	11.9%
Other Energy Programs	344	324	352	28	8.6%	9	2.5%
Nondefense Environmental Mngmt.	291	229	236	8	3.4%	-55	-18.8%
Power Marketing Administrations	202	205	208	2	1.2%	6	2.9%
Departmental Administration	106	115	105	-10	-8.5%	-1	-0.8%
Total DOE Budget	19,917	19,098	21,209	2,111	11.1%	1,292	6.5%

Source: Department of Energy budget justification and FY 2002 appropriations bills.

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

Excludes deferrals of funds in Clean Coal Technology and other deferrals.

FY 2001 figures adjusted to reflect rescissions and supplementals in FY 2001 emergency and supplemental bills.

FY 2002 Approved includes emergency funds transferred to DOE from funds appropriated in Public Law 107-38.

December 26, 2001 - Based on enacted FY 2002 appropriations bills.

Includes emergency appropriations for counterterrorism and national security.