

AAAS Analysis. Outyear Projections for Nondefense R&D in the FY 2002 Budget

(all figures in millions of dollars budget authority)

Agency/Program	KEY	R&D FY 2001 Estimate*	R&D FY 2002 Budget*	R&D FY 2003 Projected	R&D FY 2004 Projected	R&D FY 2005 Projected	R&D FY 2006 Projected	% change 2001-2006	constant \$ % change 2001-2006
National Institutes of Health	1*	19,710	22,395	26,383	26,873	27,472	28,084	42.5%	28.4%
AHRQ	1	226	255	255	255	255	255	12.8%	1.7%
CDC	1	517	568	581	594	607	620	20.0%	8.2%
FDA	1	138	140	143	146	149	152	10.5%	-0.4%
HCFA	3	139	55	57	59	61	63	-54.7%	-59.1%
HRSA	2	26	28	29	29	30	30	17.0%	5.5%
Other HHS R&D	2	103	55	56	57	59	60	-42.0%	-47.7%
Total HHS R&D		20,859	23,496	27,503	28,013	28,632	29,265	40.3%	26.5%
NASA Human Space Flt	4	2,901	2,825	2,459	2,042	1,887	1,880	-35.2%	-41.6%
NASA Space Science	4	2,625	2,786	3,144	3,560	3,897	4,008	52.7%	37.6%
NASA Bio. and Phys. Res.	4	379	361	381	403	406	419	10.7%	-0.2%
NASA Earth Science	4	1,716	1,515	1,587	1,571	1,573	1,579	-8.0%	-17.1%
NASA Aero-Space Tech.	4	2,214	2,376	2,824	3,135	3,174	3,402	53.6%	38.5%
All Other NASA R&D	4	90	104	97	97	97	97	7.4%	-3.2%
Total NASA R&D		9,925	9,967	10,493	10,808	11,034	11,385	14.7%	3.4%
Science	1*	2,955	2,930	2,995	3,063	3,130	3,200	8.3%	-2.4%
Energy Supply R&D	1	409	284	290	297	304	310	-24.1%	-31.5%
Fossil Energy R&D	1	396	296	303	309	316	323	-18.4%	-26.5%
Energy Conservation R&D	1	441	316	367	377	386	396	-10.1%	-19.0%
Other DOE nondef. R&D	2	45	31	32	33	33	34	-23.8%	-31.3%
Total DOE nondef. R&D		4,245	3,857	3,986	4,078	4,170	4,264	0.4%	-9.5%
Res. & Related Activities	1*	3,017	2,991	3,057	3,125	3,195	3,266	8.2%	-2.4%
Major Res. Equipment	3	122	96	98	100	103	105	-13.4%	-21.9%
R&D in Edu. and Hum. Res.	1	139	139	142	146	149	152	9.2%	-1.6%
Total NSF R&D		3,279	3,226	3,298	3,371	3,447	3,524	7.5%	-3.1%

(continued)

Preliminary - May 2, 2001

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Agri Research Serv. R&D prog.	1*	851	852	871	890	911	930	9.3%	-1.5%
ARS facils.	1*	162	118	122	122	126	130	-19.9%	-27.8%
CSREES Programs	1	512	386	394	404	412	421	-17.7%	-25.8%
CSREES IFAFS	1	64	64	64	64	64	64	0.0%	-9.9%
CSREES Integ. Acts.	1	19	19	19	20	20	21	9.5%	-1.3%
Economic Research Serv.	3	66	67	68	70	72	73	10.6%	-0.3%
Forest Service	3	245	250	255	262	267	273	11.6%	0.6%
Other USDA R&D	2	42	47	48	49	50	51	21.6%	9.6%
Total USDA R&D		1,961	1,803	1,842	1,880	1,922	1,963	0.1%	-9.7%
USGS	1	549	491	502	513	525	536	-2.4%	-12.1%
Nat'l Park Service	1	30	30	31	31	32	33	9.2%	-1.6%
Other Interior R&D	2	52	72	74	75	77	78	50.5%	35.6%
Total Interior R&D		631	593	606	620	633	647	2.5%	-7.6%
FHWA (Highway Admin)	1	294	374	333	342	352	362	23.3%	11.1%
Federal Transit Admin.	1	13	5	5	5	5	5	-60.1%	-64.0%
Federal Railroad Admin.	1*	28	31	32	32	33	35	23.7%	11.5%
Federal Aviation Admin.	1*	301	276	282	288	295	301	-0.1%	-9.9%
Coast Guard	1*	22	23	23	24	24	25	13.3%	2.2%
Other Transportation R&D	2	88	88	90	92	94	96	8.3%	-2.3%
Total DOT R&D		747	798	765	784	804	824	10.3%	-0.6%
NOAA R&D	1	716	759	776	794	810	828	15.7%	4.3%
NIST Sci & Technical Res. Services	1	268	292	298	305	312	319	19.0%	7.2%
NIST Adv. Tech. Program	1	118	0	0	0	0	0	-100.0%	-100.0%
NIST Construction	3	35	21	21	22	22	23	-34.2%	-40.7%
Other Commerce R&D (NTIA)	1	65	38	38	40	40	40	-37.9%	-44.0%
Total Commerce R&D		1,201	1,110	1,134	1,161	1,184	1,210	0.7%	-9.2%
Total EPA R&D	1*	609	569	582	595	608	621	2.1%	-8.0%

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Total Education R&D	5	265	259	265	272	279	286	7.8%	-2.8%
Total AID R&D	2	216	206	210	215	219	224	3.6%	-6.6%
Total Veterans R&D	1*	703	722	738	754	772	788	12.1%	1.1%
Total NRC R&D	1	50	67	69	72	74	77	53.8%	38.7%
Total Smithsonian R&D	1	118	118	121	123	126	129	9.3%	-1.4%
Total Corps R&D	2	60	46	47	48	49	50	-16.7%	-24.9%
Total Labor R&D	2	22	13	13	14	14	14	-35.8%	-42.1%
Total HUD R&D	3	54	43	44	45	46	47	-13.0%	-21.5%
Total Treasury R&D	2	7	8	8	8	9	9	24.2%	11.9%
Total Justice R&D	2	90	74	76	77	79	80	-10.7%	-19.5%
Total Other R&D	2	87	88	90	92	94	96	9.9%	-0.9%
TOTAL NONDEFENSE R&D		45,130	47,062	51,890	53,030	54,195	55,503	23.0%	10.9%

Data from *Budget of the United States Government for Fiscal Year 2002* Public Budget Database table "Budget Authority and offsetting receipts, 1976-2006", Analytical Perspectives Table 26, and agency budget documents. Percentage changes in right column adjusted for inflation according to GDP deflators (see below).

* - Source: estimates of R&D in the forthcoming *AAAS Report XXVI: Research and Development FY 2002*.

KEY OF ASSUMPTIONS:

- 1 = Based on specific outyear projection for account in Public Budget Database, assuming R&D as percent of account remains constant at the proposed FY 2002 ratio.
- 1* = See above. R&D accounts for over 90 percent of spending in this account.
- 2 = Not specifically mentioned in outyear projections; assumes growth at inflation from FY 2002 requested level.
- 3 = R&D accounts for 100 percent of spending in this account; specific outyear projection for this account in the Public Budget Database.
- 4 = Based on detailed NASA projections in NASA budget justification.
- 5 = Based on projections for the two accounts containing most of Education's R&D.

	2001	2002	2003	2004	2005	2006	2001-2006
Deflators	1.0914	1.1143	1.1376	1.1615	1.1859	1.2108	1.1094
deflators from OMB, <i>Budget of the United States Government FY 2002</i> Historical Tables 10.1.							
Annual projected inflation (change from previous year)		2.1%	2.1%	2.1%	2.1%	2.1%	