

AAAS Analysis. Projected Effects of President's FY 1998 Budget on Nondefense R&D

(all figures in millions of dollars budget authority)

Agency/Program	KEY	R&D FY 1997 Estimate*	R&D FY 1998 Budget*	R&D FY 1999 Projected	R&D FY 2000 Projected	R&D FY 2001 Projected	R&D FY 2002 Projected	% change 1997-2002	constant \$ % change 1997-2002
NIH	1	12,206	12,531	12,583	12,635	12,687	12,738	4.4%	-8.2%
Agcy. Health Care Policy	1	96	87	83	79	75	71	-26.0%	-35.0%
CDC	1	346	358	356	356	356	356	2.9%	-9.5%
FDA	1	173	156	156	156	156	156	-9.8%	-20.7%
Children and Families	1	14	29	29	30	30	30	116.6%	90.5%
HRSA	1	14	5	5	5	5	4	-68.4%	-72.2%
Other HHS R&D	2	71	60	60	60	60	60	-15.5%	-25.7%
Total HHS R&D		12,920	13,226	13,272	13,321	13,369	13,416	3.8%	-8.7%
NASA Human Space Fit	3	2,147	2,180	2,168	1,968	1,641	1,558	-27.5%	-36.2%
NASA SAT Space R&D	1	4,609	4,722	4,789	4,947	5,135	5,172	12.2%	-1.3%
NASA Mission Support	1	1,714	1,782	1,744	1,669	1,700	1,784	4.1%	-8.5%
NASA SAT Aeronautics	1	844	920	837	803	817	817	-3.2%	-14.9%
Total NASA R&D		9,315	9,604	9,537	9,387	9,293	9,331	0.2%	-11.9%
General Science (Physics)	4	986	1,003	996	996	996	996	1.0%	-11.2%
Energy Supply R&D	4	1,755	1,915	1,825	1,820	1,743	1,697	-3.3%	-14.9%
Fossil Energy R&D	1	274	269	250	250	250	250	-8.9%	-19.9%
Energy Conservation R&D	1	324	388	389	388	389	388	19.9%	5.5%
Clean Coal Technology	1	15	0	183	0	0	0	-100.0%	-100.0%
Uranium Enrichment	1	0	0	0	0	0	0	0.0%	0.0%
Total DOE nondef. R&D		3,353	3,574	3,642	3,453	3,377	3,330	-0.7%	-12.7%
Res. & Related Activities	1	2,254	2,335	2,346	2,353	2,359	2,366	4.9%	-7.7%
Major Res. Equipment	1	80	85	85	85	85	85	6.3%	-6.6%
R&D in Edu. and Hum. Res.	1	90	99	99	99	99	99	9.9%	-3.4%
Total NSF R&D		2,424	2,519	2,530	2,536	2,543	2,550	5.2%	-7.5%
Agri Research Serv. R&D prog.	1	732	743	749	761	774	785	7.2%	-5.7%
ARS facils.	1	69	59	32	32	32	32	-53.6%	-59.2%
CSREES	1	405	406	406	406	402	402	-0.9%	-12.8%
CSREES facils.	1	62	0	0	0	0	0	-100.0%	-100.0%
Economics Research Serv.	1	53	54	54	54	54	54	1.9%	-10.4%

(continued)

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Natl Agric. Stats Service	1	4	4	4	3	3	3	-15.8%	-26.0%
Forest Service	1	183	183	183	183	183	183	0.0%	-12.0%
Other USDA R&D	2	36	35	35	35	35	35	-2.8%	-14.5%
Total USDA R&D		1,544	1,484	1,463	1,475	1,482	1,494	-3.3%	-14.9%
USGS (excl. former NBS)	1	391	395	395	395	394	394	0.6%	-11.5%
Former NBS	1	138	145	145	145	145	145	5.5%	-7.3%
Nat'l Park Service	1	21	33	33	34	35	36	72.2%	51.5%
Other Interior R&D	2	31	35	35	35	35	35	12.9%	-0.7%
Total Interior R&D		581	608	608	609	609	610	5.0%	-7.6%
FHWA (Highway Admin)	2	289	330	330	330	330	330	14.2%	0.4%
Federal Transit Admin.	1	16	13	13	13	13	13	-18.8%	-28.5%
Federal Railroad Admin.	1	23	22	22	22	22	22	-4.3%	-15.9%
Federal Aviation Admin.	2	253	243	243	243	243	243	-4.0%	-15.5%
Coast Guard	1	19	20	20	20	20	20	5.3%	-7.4%
Other Transportation R&D	2	50	56	56	56	56	56	12.0%	-1.5%
Total DOT R&D		650	684	684	684	684	684	5.2%	-7.4%
NOAA R&D Facils.	2	22	35	35	35	35	35	63.1%	43.5%
NOAA Operations, Res & Facils R&D	1	535	525	519	535	538	554	3.5%	-9.0%
Other NOAA R&D	1	6	12	12	12	12	12	107.7%	82.7%
NIST Sci & Technical Res Service	1	225	227	229	233	237	242	7.5%	-5.4%
NIST ATP	1	210	260	285	292	336	389	85.3%	63.0%
NIST Construction	1	10	17	17	17	17	17	70.0%	49.5%
Other Commerce R&D	2	9	12	12	12	12	12	33.3%	17.3%
Total Commerce R&D		1,016	1,088	1,109	1,136	1,187	1,260	24.0%	9.1%
Total EPA R&D	1	510	554	571	588	605	624	22.3%	7.6%
Total Education R&D	5	185	210	215	221	226	231	24.7%	9.7%
Total AID R&D	1	169	225	225	225	225	225	33.1%	17.1%
Total Veterans R&D (continued)	1	271	243	243	243	243	243	-10.3%	-21.1%

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Total NRC R&D	1	57	54	54	54	54	54	-5.3%	-16.7%
Total Smithsonian R&D	1	139	144	138	138	138	138	-0.7%	-12.7%
Total TVA R&D	6	60	77	0	0	0	0	-100.0%	-100.0%
Total Corps R&D	1	44	42	42	42	42	42	-4.5%	-16.0%
Total Labor R&D	2	33	31	31	31	31	31	-6.1%	-17.4%
Total HUD R&D	1	34	39	32	32	32	32	-5.9%	-17.2%
Total Other R&D	2	158	164	164	164	164	164	3.8%	-8.7%
TOTAL NONDEFENSE R&D		33,464	34,571	34,561	34,340	34,305	34,459	3.0%	-9.4%

Data from *Budget of the United States Government for Fiscal Year 1998* (CD-ROM)

Public Budget Database table "Budget Authority and offsetting receipts, 1976-2002"

* - Source: *AAAS Report XXII: Research and Development FY 1998*. This analysis uses FY 1997 estimated R&D as the baseline.

** - expressed in **FY 1997** dollars. Adjusted for inflation according to GDP deflators.

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 FY 1998 ratio.
- 2 = Not specifically mentioned in outyear projections; assumes freeze at FY 1997 level.
- 3 = Based on NASA projections for Space Station project within HSF.
- 4 = Includes R&D facilities in assets acquisition accounts; based on specific outyear projections in Public Budget Database for both regular and assets accounts.
- 5 = Based on projections for three accounts containing most of Education's R&D.
- 6 = FY 1998 Budget proposes to end federal support for TVA after FY 1998.

Nondefense R&D in FY 1997 \$	33,464	33,694	32,830	31,794	30,957	30,307
Annual % change in constant \$ from previous year		0.7%	-2.6%	-3.2%	-2.6%	-2.1%

Deflators	1.1264	1.1557	1.1858	1.2166	1.2482	1.2807	1997-2002 1.1370
deflators from OMB, <i>Budget of the United States Government FY 1998</i> Historical Tables 10.1.							
Annual projected inflation (change from previous year)		2.6%	2.6%	2.6%	2.6%	2.6%	