

Appendix table 4-27

Federal basic research budget authority, by budget function: FY 1996–2006

Budget function	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Millions of current dollars											
Total	14,442	14,961	15,523	17,433	19,470	21,376	23,848	25,323	26,529	26,840	26,536
Health.....	6,395	6,852	7,356	8,634	10,099	11,642	12,957	14,162	14,850	15,114	15,235
General science.....	2,662	2,753	4,121	4,464	4,722	5,187	5,561	5,907	6,198	6,203	6,146
Space research/technology.....	1,685	1,653	1,610	1,667	1,616	1,695	1,912	2,207	2,474	2,368	2,199
Energy.....	1,182	1,288	34	36	36	40	45	40	32	32	26
National defense.....	1,165	1,090	1,067	1,110	1,184	1,303	1,404	1,410	1,380	1,545	1,353
Agriculture.....	547	548	571	602	651	749	762	824	781	802	738
Transportation	456	420	411	358	542	17	17	23	20	37	42
Natural resources/environment.....	147	153	145	142	146	215	471	185	201	152	151
Education, training, employment/social services...	140	142	133	99	107	112	115	125	125	127	134
Commerce/housing credit.....	37	34	35	41	39	50	56	53	46	61	74
Veterans benefits/services.....	13	14	23	263	266	289	465	327	347	315	315
Administration of justice	12	13	16	18	20	27	30	42	58	67	105
International affairs.....	2	2	1	0	42	50	53	18	18	18	18
Community/regional development.....	0	0	0	0	0	0	0	1	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0
Income security	0	0	0	0	0	0	0	0	0	0	0
Millions of constant FY 2000 dollars											
Total	15,381	15,660	16,046	17,788	19,470	20,895	22,872	23,860	24,524	24,313	23,572
Health.....	6,811	7,172	7,604	8,810	10,099	11,380	12,427	13,344	13,728	13,691	13,534
General science.....	2,835	2,882	4,260	4,555	4,722	5,070	5,334	5,566	5,729	5,619	5,460
Space research/technology.....	1,795	1,730	1,664	1,701	1,616	1,657	1,834	2,079	2,287	2,145	1,953
Energy.....	1,259	1,348	35	37	36	39	43	38	30	29	23
National defense.....	1,241	1,141	1,103	1,133	1,184	1,274	1,346	1,328	1,276	1,400	1,202
Agriculture.....	583	574	590	614	651	732	730	776	721	727	656
Transportation	486	440	425	365	542	17	16	22	18	34	37
Natural resources/environment.....	157	160	150	145	146	210	452	174	185	138	134
Education, training, employment/social services...	149	149	137	101	107	109	110	118	116	115	119
Commerce/housing credit.....	39	36	36	42	39	49	54	50	43	55	66
Veterans benefits/services.....	14	15	24	268	266	282	446	308	321	285	280
Administration of justice	13	14	17	18	20	26	29	40	53	61	93
International affairs.....	2	2	1	0	42	49	51	17	17	16	16
Community/regional development.....	0	0	0	0	0	0	0	1	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0
Income security	0	0	0	0	0	0	0	0	0	0	0

NOTES: Data for 1980–2004 are actual budget authority, data for 2005 are preliminary estimates, and data for 2006 are proposed based on FY 2006 budget. See appendix table 4-1 for FY gross domestic product implicit price deflators used to convert current dollars to constant 2000 dollars. Beginning in FY 1998, several Department of Energy programs were reclassified from energy to general science. In FY 2000, NASA reclassified the Space Station as an R&D plant; this explains part of drop in space research and technology in that year. FY 2003–06 reflect FY 2004 reclassification of Department of Homeland Security's (DHS) R&D portfolio; whereas DHS R&D funding previously classified as general science and basic and agriculture, it is now classified as administration of justice.

SOURCE: National Science Foundation, Division of Science Resources Statistics, *Federal R&D Funding by Budget Function: Fiscal Years 2004–06* (forthcoming).

Appendix table 4-28
Trends in R&D and federal outlays: Selected fiscal years, 1970–2006

Composition of federal outlays	1970	1980	1990	2000	2002	2004	2006 (estimate)
Billions of current dollars							
Federal outlays	195.6	590.9	1,253.1	1,789.1	2,011.0	2,292.2	2,567.6
Mandatory programs ^a	61.0	262.1	568.2	951.0	1,105.7	1,236.5	1,410.3
Net interest	14.4	52.5	184.3	222.9	170.9	160.2	211.1
Total discretionary	120.3	276.3	500.6	614.8	734.3	895.4	946.2
Defense	81.9	134.6	300.1	295.0	348.9	454.1	444.3
R&D	8.0	14.6	41.1	41.1	48.2	65.3	73.5
Nondefense	38.3	141.7	200.4	319.9	385.4	441.4	477.4
R&D	7.1	15.6	22.7	32.9	39.7	48.0	51.4
Total federal R&D outlays	15.2	30.2	63.8	73.9	87.9	113.4	124.9
Percent							
Federal outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mandatory programs ^a	31.2	44.4	45.3	53.2	55.0	53.9	54.9
Net interest	7.4	8.9	14.7	12.5	8.5	7.0	8.2
Total discretionary	61.5	46.8	39.9	34.4	36.5	39.1	36.9
Defense	41.9	22.8	23.9	16.5	17.3	19.8	17.3
R&D	4.1	2.5	3.3	2.3	2.4	2.9	2.9
Nondefense	19.6	24.0	16.0	17.9	19.2	19.3	18.6
R&D	3.6	2.6	1.8	1.8	2.0	2.1	2.0
Total federal R&D outlays	7.7	5.1	5.1	4.1	4.4	4.9	4.9
Federal R&D outlays as proportion of corresponding discretionary outlays (%)							
Total federal R&D/total discretionary outlays	12.6	10.9	12.7	12.0	12.0	12.7	13.2
Defense	9.8	10.9	13.7	13.9	13.8	14.4	16.6
Nondefense	18.6	11.0	11.3	10.3	10.3	10.9	10.8

^aIncludes Social Security, Medicare, Medicaid, and other programs.

SOURCE: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government: Fiscal Year 2006* (2005).

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