

Appendix table 4-26

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Federal R&D budget authority, by budget function: FY 1980–2008

Year	All functions	All defense	All nondefense	Health	Space research/ technology	Energy	General science	Natural resources/ environment	Transportation
Current \$millions									
1980.....	29,739	14,946	14,793	3,694	2,738	3,603	1,233	999	887
1981.....	33,735	18,413	15,322	3,871	3,111	3,501	1,340	1,061	869
1982.....	36,115	22,070	14,045	3,869	2,584	3,012	1,359	965	791
1983.....	38,768	24,936	13,832	4,298	2,134	2,578	1,502	952	876
1984.....	44,214	29,287	14,927	4,779	2,300	2,581	1,676	963	1,040
1985.....	49,887	33,698	16,189	5,418	2,725	2,389	1,862	1,059	1,030
1986.....	53,249	36,926	16,323	5,565	2,894	2,286	1,873	1,062	917
1987.....	57,069	39,152	17,917	6,556	3,398	2,053	2,042	1,133	908
1988.....	59,106	40,099	19,007	7,076	3,683	2,126	2,160	1,160	896
1989.....	62,115	40,642	21,473	7,773	4,555	2,419	2,373	1,255	1,064
1990.....	63,781	39,925	23,856	8,308	5,765	2,726	2,410	1,386	1,045
1991.....	65,898	39,328	26,570	9,226	6,511	2,953	2,635	1,582	1,231
1992.....	68,398	40,083	28,315	10,055	6,744	3,099	2,659	1,688	1,523
1993.....	69,884	41,249	28,635	10,280	6,988	2,677	2,691	1,802	1,703
1994.....	68,331	37,764	30,567	10,993	7,414	2,873	2,712	2,062	1,888
1995.....	68,791	37,204	31,587	11,407	7,916	2,844	2,794	1,988	1,833
1996.....	69,049	37,801	31,248	11,867	7,844	2,521	2,846	1,802	1,795
1997.....	71,653	39,591	32,062	12,670	7,844	2,372	2,944	1,886	1,785
1998.....	73,569	39,823	33,746	13,576	8,198	948	4,360	1,855	1,833
1999.....	77,637	41,306	36,331	15,553	8,245	1,131	4,690	1,842	1,725
2000.....	78,664	42,580	36,084	17,869	5,363	996	4,977	1,999	1,636
2001.....	86,756	45,713	41,043	20,758	6,126	1,314	5,468	2,096	1,640
2002.....	97,624	53,016	44,608	23,560	6,270	1,327	5,753	2,160	1,838
2003.....	112,544	63,048	49,496	26,517	7,355	1,403	6,129	2,151	1,869
2004.....	121,867	69,593	52,274	28,251	7,612	1,343	6,466	2,168	1,863
2005.....	126,601	74,047	52,554	28,824	7,300	1,296	6,570	2,168	1,847
2006.....	131,624	78,037	53,587	28,797	8,204	1,195	6,691	2,120	1,711
2007.....	137,026	81,667	55,359	29,481	8,933	1,581	7,185	1,932	1,490
2008.....	138,332	82,383	55,949	29,242	9,506	1,468	7,752	1,944	1,368
FY 2000 constant \$millions									
1980.....	56,024	28,156	27,868	6,959	5,158	6,788	2,323	1,882	1,671
1981.....	57,884	31,594	26,290	6,642	5,338	6,007	2,299	1,820	1,491
1982.....	57,998	35,443	22,555	6,213	4,150	4,837	2,182	1,550	1,270
1983.....	59,626	38,352	21,274	6,610	3,282	3,965	2,310	1,464	1,347
1984.....	65,582	43,441	22,141	7,089	3,412	3,828	2,486	1,428	1,543
1985.....	71,670	48,412	23,258	7,784	3,915	3,432	2,675	1,521	1,480
1986.....	74,760	51,843	22,917	7,813	4,063	3,209	2,630	1,491	1,287
1987.....	78,085	53,570	24,515	8,970	4,649	2,809	2,794	1,550	1,242
1988.....	78,405	53,192	25,213	9,386	4,886	2,820	2,865	1,539	1,189
1989.....	79,315	51,896	27,419	9,925	5,816	3,089	3,030	1,603	1,359
1990.....	78,526	49,155	29,371	10,229	7,098	3,356	2,967	1,706	1,287
1991.....	78,197	46,668	31,529	10,948	7,726	3,504	3,127	1,877	1,461
1992.....	79,174	46,398	32,776	11,639	7,807	3,587	3,078	1,954	1,763
1993.....	79,129	46,706	32,423	11,640	7,912	3,031	3,047	2,040	1,928
1994.....	75,727	41,852	33,876	12,183	8,217	3,184	3,006	2,285	2,092
1995.....	74,636	40,365	34,271	12,376	8,589	3,086	3,031	2,157	1,989
1996.....	73,540	40,260	33,280	12,639	8,354	2,685	3,031	1,919	1,912
1997.....	75,002	41,441	33,560	13,262	8,211	2,483	3,082	1,974	1,868
1998.....	76,047	41,164	34,883	14,033	8,474	980	4,507	1,917	1,895
1999.....	79,217	42,147	37,070	15,870	8,413	1,154	4,785	1,879	1,760
2000.....	78,664	42,580	36,084	17,869	5,363	996	4,977	1,999	1,636
2001.....	85,265	44,928	40,338	20,401	6,021	1,291	5,374	2,060	1,612
2002.....	94,096	51,100	42,996	22,709	6,043	1,279	5,545	2,082	1,772
2003.....	106,293	59,546	46,747	25,044	6,947	1,325	5,789	2,032	1,765
2004.....	112,313	64,137	48,176	26,036	7,015	1,238	5,959	1,998	1,717
2005.....	113,158	66,185	46,974	25,763	6,525	1,158	5,872	1,938	1,651
2006.....	114,131	67,666	46,465	24,970	7,114	1,036	5,802	1,838	1,484
2007.....	115,878	69,063	46,815	24,931	7,554	1,337	6,076	1,634	1,260
2008.....	114,221	68,024	46,197	24,145	7,849	1,212	6,401	1,605	1,130

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Federal R&D budget authority, by budget function: FY 1980–2008

Year	Agriculture	Education, training, employment, and social services	International affairs	Veterans benefits/ services	Commerce/ housing/ credit	Community/ regional development	Administration of justice	Income security	General government
1980.....	585	468	125	126	101	119	45	47	22
1981.....	659	298	160	143	106	104	34	43	22
1982.....	693	228	165	139	104	63	31	32	10
1983.....	745	189	177	157	107	44	37	32	6
1984.....	762	200	192	218	110	46	24	26	8
1985.....	836	220	210	193	114	50	47	21	17
1986.....	815	248	211	183	111	88	41	14	14
1987.....	822	267	223	215	110	99	49	25	17
1988.....	882	285	224	195	122	108	51	23	17
1989.....	907	347	279	212	128	74	45	27	15
1990.....	950	374	375	216	140	67	44	33	17
1991.....	1,052	433	378	219	178	88	51	30	4
1992.....	1,155	365	371	245	192	127	51	37	4
1993.....	1,152	348	382	250	220	57	49	36	*
1994.....	1,193	373	254	265	380	68	46	45	0
1995.....	1,194	369	287	257	525	70	59	43	1
1996.....	1,176	331	252	259	432	50	56	16	2
1997.....	1,203	373	190	267	409	48	59	9	2
1998.....	1,249	444	163	587	398	42	72	18	2
1999.....	1,288	403	190	644	432	59	88	38	3
2000.....	1,426	418	200	645	406	46	73	25	6
2001.....	1,657	411	252	719	429	54	88	30	3
2002.....	1,606	411	279	756	467	50	91	37	3
2003.....	1,708	430	269	817	463	48	299	38	0
2004.....	1,750	459	264	866	454	47	684	47	0
2005.....	1,820	470	255	742	423	45	758	35	0
2006.....	1,869	495	255	769	390	55	1,008	27	0
2007.....	1,824	504	255	851	433	50	813	27	0
2008.....	1,629	548	255	822	425	65	897	27	0
FY 2000 constant \$millions									
1980.....	1,102	882	235	237	190	224	85	89	41
1981.....	1,131	511	275	245	182	178	58	74	38
1982.....	1,113	366	265	223	167	101	50	51	16
1983.....	1,146	291	272	241	165	68	57	49	9
1984.....	1,130	297	285	323	163	68	36	39	12
1985.....	1,201	316	302	277	164	72	68	30	24
1986.....	1,144	348	296	257	156	124	58	20	20
1987.....	1,125	365	305	294	151	135	67	34	23
1988.....	1,170	378	297	259	162	143	68	31	23
1989.....	1,158	443	356	271	163	94	57	34	19
1990.....	1,170	460	462	266	172	82	54	41	21
1991.....	1,248	514	449	260	211	104	61	36	5
1992.....	1,337	423	429	284	222	147	59	43	5
1993.....	1,304	394	433	283	249	65	55	41	*
1994.....	1,322	413	281	294	421	75	51	50	0
1995.....	1,295	400	311	279	570	76	64	47	1
1996.....	1,252	353	268	276	460	53	60	17	2
1997.....	1,259	390	199	279	428	50	62	9	2
1998.....	1,291	459	168	607	411	43	74	19	2
1999.....	1,314	411	194	657	441	60	90	39	3
2000.....	1,426	418	200	645	406	46	73	25	6
2001.....	1,629	404	248	707	422	53	86	29	3
2002.....	1,548	396	269	729	450	48	88	36	3
2003.....	1,613	406	254	772	437	45	282	36	0

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Federal R&D budget authority, by budget function: FY 1980–2008

Year	Agriculture	Education, training, employment, and social services	International affairs	Veterans benefits/ services	Commerce/ housing/ credit	Community/ regional development	Administration of justice	Income security	General government
2004.....	1,613	423	243	798	418	43	630	43	0
2005.....	1,627	420	228	663	378	40	678	31	0
2006.....	1,621	429	221	667	338	48	874	23	0
2007.....	1,542	426	216	720	366	42	688	23	0
2008.....	1,345	452	211	679	351	54	741	22	0

* = ≤\$500,000

NOTES: Data for 1980–2006 actual budget authority, data for 2007 preliminary estimates, and data for 2008 proposed based on FY 2008 budget. See appendix table 4-1 for fiscal year gross domestic product implicit price deflators used to convert current dollars to constant 2000 dollars. In FY 2004 Department of Homeland Security changed its R&D portfolio to reclassify funding in general science and basic research and in agriculture as administration of justice. In FY 2000 National Aeronautics and Space Administration transferred funding for space station program from R&D to R&D plant; this change reflected in budget authority for space research and technology. In FY 2000 National Institutes of Health in Department of Health and Human Services classified all of its previous development activities as basic research or applied research, which resulted in an increase in health basic research. In FY 1998 many Department of Energy programs were reclassified from energy to general science and basic research. In FY 1998 Department of Veterans Affairs began reporting medical care support funds as part of its total research budgetary resources; this change reflected in budget authority for veteran benefits and services.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Federal R&D Funding by Budget Function: Fiscal Years 2006–08 (2007).

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