

Appendix table 4-32

Federal budget authority for R&D and R&D plant, by budget function: FYs 2000–13

Fiscal year	Nondefense functions																		
	Total, all functions	National defense (050)	Subtotal, nondefense functions	Inter-national affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)
						(252)													
Current \$millions																			
2000	83,581	43,161	40,420	200	5,593	8,437	1,000	2,082	1,561	530	1,664	46	429	18,121	na	25	645	73	14
2001	91,505	46,202	45,303	252	6,353	8,951	1,320	2,138	1,826	468	1,654	54	424	21,023	na	30	719	88	3
2002	103,057	53,731	49,326	279	6,605	9,227	1,332	2,175	1,909	549	1,889	50	426	23,998	na	37	756	91	3
2003	118,065	63,708	54,359	269	6,999	9,677	1,412	2,198	2,042	534	1,888	48	444	27,677	na	38	817	316	0
2004	126,270	70,344	55,926	264	7,352	9,746	1,369	2,244	1,910	499	1,881	47	469	28,480	na	47	866	752	0
2005	131,259	74,641	56,617	255	7,477	9,656	1,324	2,245	2,094	475	1,866	45	495	29,129	na	35	742	779	0
2006	136,019	78,737	57,281	255	7,539	10,401	1,244	2,219	2,118	461	1,730	55	523	28,932	na	27	769	1,008	0
2007	141,890	82,658	59,233	246	8,712	10,988	1,922	2,096	1,950	516	1,380	49	577	29,581	na	27	820	369	0
2008	144,391	85,129	59,261	255	9,007	10,672	2,076	2,202	1,997	560	1,413	50	549	29,212	na	27	886	355	0
2009	164,292	85,642	78,650	255	14,128	9,060	3,794	2,615	2,249	1,051	1,461	62	553	42,051	30	63	943	335	0
Non-ARRA	145,553	85,342	60,211	255	9,941	8,374	2,234	2,371	2,073	641	1,357	62	543	30,989	30	63	943	335	0
ARRA	18,739	300	18,439	0	4,187	686	1,560	244	176	410	104	0	10	11,062	0	0	0	0	0
2010	148,962	86,789	62,174	194	10,509	8,232	2,570	2,430	2,206	668	1,517	109	581	31,693	36	77	1,034	318	0
2011	144,379	83,226	61,153	196	10,581	8,658	2,265	2,314	1,768	650	1,420	83	636	30,990	180	68	1,160	184	0
2012 preliminary	140,568	78,778	61,790	196	10,610	8,924	2,398	2,291	1,957	739	1,446	57	650	31,188	23	34	1,164	113	0
2013 proposed	142,235	77,296	64,938	196	10,440	9,134	2,734	2,431	1,961	2,081	1,593	104	656	31,480	30	74	1,166	858	0
2005 constant \$millions																			
2000	93,943	48,512	45,431	225	6,286	9,483	1,124	2,340	1,755	596	1,870	52	482	20,368	na	28	725	82	16
2001	100,489	50,738	49,751	277	6,977	9,830	1,450	2,348	2,005	514	1,816	59	466	23,087	na	33	790	97	3
2002	111,329	58,044	53,285	301	7,135	9,968	1,439	2,350	2,062	593	2,041	54	460	25,924	na	40	817	98	3
2003	124,989	67,444	57,547	285	7,409	10,245	1,495	2,327	2,162	565	1,999	51	470	29,300	na	40	865	335	0
2004	130,377	72,632	57,745	273	7,591	10,063	1,414	2,317	1,972	515	1,942	49	484	29,406	na	49	894	776	0
2005	131,259	74,641	56,617	255	7,477	9,656	1,324	2,245	2,094	475	1,866	45	495	29,129	na	35	742	779	0
2006	131,546	76,148	55,397	247	7,291	10,059	1,203	2,146	2,048	446	1,673	53	506	27,981	na	26	744	975	0
2007	133,280	77,642	55,639	231	8,183	10,321	1,805	1,969	1,832	485	1,296	46	542	27,786	na	25	770	347	0
2008	132,554	78,150	54,403	234	8,269	9,797	1,906	2,021	1,833	514	1,297	46	504	26,817	na	25	813	326	0
2009	148,681	77,504	71,176	231	12,786	8,199	3,433	2,367	2,035	951	1,322	56	500	38,055	27	57	853	303	0
Non-ARRA	131,722	77,233	54,490	231	8,996	7,578	2,022	2,146	1,876	580	1,228	56	491	28,044	27	57	853	303	0
ARRA	16,958	271	16,687	0	3,789	621	1,412	221	159	371	94	0	9	10,011	0	0	0	0	0
2010	133,574	77,824	55,751	174	9,423	7,382	2,305	2,179	1,978	599	1,360	98	521	28,419	32	69	927	285	0
2011	126,960	73,185	53,775	172	9,304	7,613	1,992	2,035	1,555	572	1,249	73	559	27,251	158	60	1,020	162	0
2012 preliminary	121,368	68,018	53,350	169	9,161	7,705	2,070	1,978	1,690	638	1,248	49	561	26,928	20	29	1,005	98	0
2013 proposed	120,804	65,650	55,154	166	8,867	7,758	2,322	2,065	1,666	1,767	1,353	88	557	26,737	25	63	990	729	0

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Fiscal year	Nondefense functions																		
	Total, all functions	National defense (050)	Subtotal, nondefense functions	Inter-national affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)
	Share of R&D and R&D plant total (%)																		
2000	100.0	51.6	48.4	0.2	6.7	10.1	1.2	2.5	1.9	0.6	2.0	0.1	0.5	21.7	na	*	0.8	0.1	*
2001	100.0	50.5	49.5	0.3	6.9	9.8	1.4	2.3	2.0	0.5	1.8	0.1	0.5	23.0	na	*	0.8	0.1	*
2002	100.0	52.1	47.9	0.3	6.4	9.0	1.3	2.1	1.9	0.5	1.8	*	0.4	23.3	na	*	0.7	0.1	*
2003	100.0	54.0	46.0	0.2	5.9	8.2	1.2	1.9	1.7	0.5	1.6	*	0.4	23.4	na	*	0.7	0.3	0.0
2004	100.0	55.7	44.3	0.2	5.8	7.7	1.1	1.8	1.5	0.4	1.5	*	0.4	22.6	na	*	0.7	0.6	0.0
2005	100.0	56.9	43.1	0.2	5.7	7.4	1.0	1.7	1.6	0.4	1.4	*	0.4	22.2	na	*	0.6	0.6	0.0
2006	100.0	57.9	42.1	0.2	5.5	7.6	0.9	1.6	1.6	0.3	1.3	*	0.4	21.3	na	*	0.6	0.7	0.0
2007	100.0	58.3	41.7	0.2	6.1	7.7	1.4	1.5	1.4	0.4	1.0	*	0.4	20.8	na	*	0.6	0.3	0.0
2008	100.0	59.0	41.0	0.2	6.2	7.4	1.4	1.5	1.4	0.4	1.0	*	0.4	20.2	na	*	0.6	0.2	0.0
2009	100.0	52.1	47.9	0.2	8.6	5.5	2.3	1.6	1.4	0.6	0.9	*	0.3	25.6	0.0	*	0.6	0.2	0.0
Non-ARRA	100.0	58.6	41.4	0.2	6.8	5.8	1.5	1.6	1.4	0.4	0.9	*	0.4	21.3	0.0	*	0.6	0.2	0.0
ARRA	100.0	1.6	98.4	0.0	22.3	3.7	8.3	1.3	0.9	2.2	0.6	*	0.1	59.0	0.0	0.0	0.0	0.0	0.0
2010	100.0	58.3	41.7	0.1	7.1	5.5	1.7	1.6	1.5	0.4	1.0	0.1	0.4	21.3	0.0	0.1	0.7	0.2	0.0
2011	100.0	57.6	42.4	0.1	7.3	6.0	1.6	1.6	1.2	0.5	1.0	0.1	0.4	21.5	0.1	*	0.8	0.1	0.0
2012 preliminary	100.0	56.0	44.0	0.1	7.5	6.3	1.7	1.6	1.4	0.5	1.0	*	0.5	22.2	0.0	*	0.8	0.1	0.0
2013 proposed	100.0	54.3	45.7	0.1	7.3	6.4	1.9	1.7	1.4	1.5	1.1	0.1	0.5	22.1	0.0	0.1	0.8	0.6	0.0

* = < 0.05%; na = not applicable.

ARRA = American Recovery and Reinvestment Act of 2009.

NOTES: Detail may not add to total due to rounding. Data are from agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, budget justification documents, and supplemental data obtained from agencies' budget offices. National Science Foundation (NSF) data on budget authority for R&D plant are not available before FY 2000. OMB reclassified the Department of Homeland Security's (DHS's) Science and Technology Directorate as administration of justice starting in FY 2013. In FY 2009, the National Aeronautics and Space Administration (NASA) adjusted its R&D reporting to more closely match survey data reported to NSF. In FY 2007, DHS changed its R&D portfolio to reclassify funding in defense and most administration of justice as general science and basic research. In FY 2004, DHS changed its R&D portfolio to reclassify funding in general science and basic research and in agriculture as administration of justice. In FY 2000, NASA transferred funding for the space station program from R&D to R&D plant; this change is reflected in budget authority for space research and technology.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES), Federal R&D Funding by Budget Function (annual series). All NSF/NCSES reports are available at <http://www.nsf.gov/statistics/>.