

Appendix table 4-33

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

(Millions of dollars)

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)
R&D																			
2000	78,664	42,580	36,085	200	4,977	5,363	996	1,999	1,426	406	1,636	46	418	17,869	na	25	645	73	6
2001	86,756	45,713	41,045	252	5,468	6,126	1,314	2,096	1,657	429	1,640	54	411	20,758	na	30	719	88	3
2002	97,624	53,016	44,608	279	5,753	6,270	1,327	2,160	1,606	467	1,838	50	411	23,560	na	37	756	91	3
2003	112,544	63,048	49,496	269	6,129	7,355	1,403	2,151	1,708	463	1,869	48	430	26,517	na	38	817	299	0
2004	121,867	69,593	52,274	264	6,466	7,612	1,343	2,168	1,750	454	1,863	47	459	28,251	na	47	866	684	0
2005	126,601	74,047	52,553	255	6,570	7,300	1,296	2,168	1,820	423	1,847	45	470	28,824	na	35	742	758	0
2006	131,624	78,037	53,586	255	6,691	8,204	1,195	2,120	1,869	390	1,711	55	495	28,797	na	27	769	1,008	0
2007	138,087	82,272	55,816	246	7,809	9,024	1,893	1,936	1,857	428	1,361	49	536	29,461	na	27	820	369	0
2008	140,113	84,713	55,400	255	8,234	8,323	1,896	2,106	1,864	450	1,394	50	497	29,063	na	27	886	355	0
2009	156,009	85,166	70,843	255	11,840	6,891	3,318	2,245	1,935	618	1,440	62	479	40,389	30	63	943	335	0
Non-ARRA	140,903	84,866	56,037	255	8,885	6,205	2,014	2,171	1,935	507	1,336	62	469	30,827	30	63	943	335	0
ARRA	15,106	300	14,806	0	2,955	686	1,304	74	0	111	104	0	10	9,562	0	0	0	0	0
2010	146,596	86,517	60,079	194	9,280	8,232	2,455	2,237	2,043	550	1,496	109	535	31,488	36	77	1,034	313	0
2011	142,457	82,972	59,484	196	9,483	8,398	2,233	2,171	1,916	548	1,395	83	578	30,903	180	68	1,160	172	0
2012 preliminary	138,146	78,471	59,674	196	9,372	8,642	2,367	2,137	1,875	654	1,421	57	609	31,024	23	34	1,164	99	0
2013 proposed	139,554	77,007	62,545	196	9,433	8,884	2,702	2,272	1,878	1,583	1,569	104	620	31,317	30	74	1,166	717	0
R&D plant																			
2000	4,917	581	4,335	0	616	3,074	4	83	135	124	28	0	11	252	na	0	0	0	8
2001	4,749	489	4,258	0	885	2,825	6	42	169	39	14	0	13	265	na	0	0	0	0
2002	5,433	715	4,718	0	852	2,957	5	15	303	82	51	0	15	438	na	0	0	0	0
2003	5,521	660	4,863	0	870	2,322	9	47	334	71	19	0	14	1,160	na	0	0	17	0
2004	4,403	751	3,652	0	886	2,134	26	76	160	45	18	0	10	229	na	0	0	68	0
2005	4,658	594	4,064	0	907	2,356	28	77	274	52	19	0	25	305	na	0	0	21	0
2006	4,395	700	3,695	0	848	2,197	49	99	249	71	19	0	28	135	na	0	0	0	0
2007	3,803	386	3,417	0	903	1,964	29	160	93	88	19	0	41	120	na	0	0	0	0
2008	4,278	416	3,861	0	773	2,349	180	96	133	110	19	0	52	149	na	0	0	0	0
2009	8,283	476	7,807	0	2,288	2,169	476	370	314	433	21	0	74	1,662	0	0	0	0	0
Non-ARRA	4,650	476	4,174	0	1,056	2,169	220	200	138	134	21	0	74	162	0	0	0	0	0
ARRA	3,633	0	3,633	0	1,232	0	256	170	176	299	0	0	0	1,500	0	0	0	0	0
2010	2,366	272	2,095	0	1,229	0	115	193	163	118	21	0	46	205	0	0	0	5	0
2011	1,922	254	1,669	0	1,098	260	32	143	-148	102	25	0	58	87	0	0	0	12	0
2012 preliminary	2,422	307	2,116	0	1,238	282	31	154	82	85	25	0	41	164	0	0	0	14	0
2013 proposed	2,681	289	2,393	0	1,007	250	32	159	83	498	24	0	36	163	0	0	0	141	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)
	Basic research																		
2000	19,470	1,184	18,286	42	4,722	1,616	36	146	651	39	542	0	107	10,099	0	0	266	20	0
2001	21,376	1,303	20,073	50	5,187	1,695	40	215	749	50	17	0	112	11,642	0	0	289	27	0
2002	23,848	1,404	22,444	53	5,561	1,912	45	471	762	56	17	0	115	12,957	0	0	465	30	0
2003	25,323	1,409	23,913	18	5,907	2,206	40	185	824	53	23	1	125	14,162	0	0	327	42	0
2004	26,529	1,380	25,148	18	6,198	2,473	32	201	780	46	20	0	125	14,850	0	0	347	58	0
2005	27,678	1,508	26,170	18	6,238	2,486	31	195	789	53	65	0	130	15,826	0	0	297	42	0
2006	27,336	1,490	25,846	18	6,406	2,299	8	195	805	66	0	0	131	15,532	0	0	318	68	0
2007	28,166	1,533	26,632	18	6,887	2,318	7	260	821	92	2	0	149	15,637	0	0	335	106	0
2008	28,740	1,631	27,109	18	7,260	2,183	16	210	790	98	0	0	146	15,909	0	0	354	125	0
2009	36,401	1,772	34,628	18	10,727	932	28	219	799	152	0	0	155	21,108	0	0	375	115	0
Non-ARRA	28,161	1,769	26,391	18	7,913	900	28	219	799	112	0	0	145	15,767	0	0	375	115	0
ARRA	8,240	3	8,237	0	2,814	32	0	0	40	0	0	0	10	5,341	0	0	0	0	0
2010	29,614	1,849	27,765	0	8,578	1,109	57	223	881	131	0	0	174	16,125	0	0	413	74	0
2011	29,888	1,940	27,948	0	8,738	1,199	47	218	823	154	0	0	207	16,002	0	0	438	122	0
2012 preliminary	30,193	2,172	28,021	0	8,677	1,342	59	219	811	166	0	0	208	16,037	0	0	444	58	0
2013 proposed	30,738	2,185	28,552	0	8,975	1,379	18	227	883	193	0	0	213	15,999	0	0	446	219	0

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/>.