

TABLE 66

## Federal outlays for research and development, by agency: FYs 2003–13

(Dollars in millions)

Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
All agencies	100,179	105,175	117,398	116,868	121,875	123,059	126,854	131,388	131,452	128,560	127,225
Departments											
Department of Agriculture	1,966	2,048	2,132	2,185	2,218	2,254	2,229	2,309	2,301	2,290	2,232
Agricultural Marketing Service	5	8	9	6	6	4	4	4	4	4	5
Agricultural Research Service	1,039	1,099	1,117	1,135	1,103	1,149	1,134	1,200	1,162	1,095	1,071
Animal and Plant Health Inspection Service	28	24	24	26	26	28	25	26	25	32	31
Economic Research Service	70	66	75	73	91	78	80	86	88	80	79
Foreign Agricultural Service	2	2	2	1	1	*	*	*	1	1	1
Forest Service	305	326	325	341	335	338	336	363	353	355	342
Grain Inspection, Packers, and Stockyards Administration	5	7	7	7	7	7	7	6	7	5	5
National Agricultural Statistics Service	6	6	6	7	7	7	7	7	7	7	7
National Institute of Food and Agriculture	503	507	563	586	622	639	634	612	654	707	688
Rural Business-Cooperative Service	4	4	4	4	21	4	3	4	1	4	3
Department of Commerce	1,155	1,076	708	664	991	1,052	1,004	1,122	1,267	1,112	1,082
Census Bureau	20	24	23	22	22	25	29	47	59	102	131
Economic Development Administration	*	*	*	*	1	2	3	7	1	NA	NA
National Institute of Standards and Technology	459	509	441	421	422	444	455	535	571	570	524
National Oceanic and Atmospheric Administration	652	519	240	216	541	581	511	525	629	433	419
National Telecommunications and Information Administration	24	24	3	5	5	*	7	7	7	7	8
Department of Defense	49,615	52,978	64,311	63,724	68,557	68,731	66,775	67,615	72,527	65,253	65,020
Defense Advanced Research Projects Agency	na	na	na	na	na	na	na	na	2,889	2,833	2,692
Defense agencies and activities	11,741	11,074	17,057	13,971	14,687	15,521	15,599	15,210	na	na	na
Department of the Air Force	18,146	19,712	20,915	21,407	24,483	24,122	23,458	26,106	25,855	25,043	24,790
Department of the Army	7,092	6,954	9,847	10,662	10,360	11,057	10,048	9,210	8,125	6,688	7,817
Department of the Navy	12,392	14,932	16,172	17,423	18,834	17,851	17,492	16,905	15,345	14,363	15,487
Operational Test and Evaluation, Director	243	305	320	262	193	180	179	184	NA	NA	NA
Other defense agencies	na	na	na	na	na	na	na	na	20,313	16,325	14,233
Department of Education	316	227	264	255	271	287	312	322	106	102	97
Department of Energy	7,373	7,476	7,760	7,433	7,793	8,108	8,546	8,986	9,685	9,599	9,302
Advanced Research Projects Agency—Energy	NA	NA	NA	NA	NA	0	0	64	118	142	144
Bonneville Power Administration	23	24	11	11	11	14	8	13	13	14	0
Civilian Radioactive Waste Management	76	74	74	53	11	8	2	0	0	0	0
Electricity Delivery and Energy Reliability	na	na	72	108	54	89	87	83	90	101	45
Energy Efficiency and Renewable Energy	682	584	569	431	646	729	712	915	853	910	705
Environmental Management	69	43	50	34	32	36	13	70	67	46	9

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Fossil Energy	640	500	533	366	419	306	344	350	288	286	360
National Nuclear Security Administration	3,448	3,579	3,625	3,548	3,589	3,730	3,489	3,489	4,034	3,920	3,856
Defense Programs	2,577	2,727	2,733	2,594	2,657	2,707	2,444	2,285	2,769	2,648	2,568
Fissile Materials Disposition	17	1	0	0	0	NA	NA	NA	NA	NA	NA
Naval Nuclear Propulsion Program	631	688	747	711	728	724	730	866	942	1,040	994
Office of Defense Nuclear Nonproliferation	224	163	145	243	205	299	315	338	324	231	294
Nuclear Energy	43	79	83	89	81	133	116	368	388	361	263
Office of Intelligence	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Science	2,387	2,593	2,744	2,794	2,949	3,062	3,775	3,635	3,834	3,819	3,920
Department of Health and Human Services	26,499	27,835	28,432	28,441	29,010	29,121	35,144	34,928	30,379	30,721	29,282
Administration for Children and Families	19	19	39	13	12	19	14	6	9	8	3
Administration for Community Living	4	3	2	3	3	0	0	0	0	0	0
Agency for Healthcare Research and Quality	0	0	0	0	0	0	0	0	0	0	365
Agency for Toxic Substances and Disease Registry	14	11	9	9	4	4	5	3	5	1	1
Centers for Disease Control and Prevention	564	540	511	545	544	407	339	343	296	445	301
Centers for Medicare and Medicaid Services	74	89	89	62	86	70	57	54	45	34	20
Food and Drug Administration	150	127	137	138	125	133	159	188	206	316	323
Health Resources and Services Administration	439	47	53	24	23	62	56	66	37	20	37
National Institutes of Health	25,156	26,890	27,500	27,566	28,146	28,404	34,494	34,213	29,760	29,877	28,215
Office of the Secretary of Health and Human Services	22	21	25	27	24	22	20	54	20	19	19
Office of Public Health and Science	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Planning and Evaluation	20	21	25	27	24	22	20	54	20	19	19
Substance Abuse and Mental Health Services Administration	57	87	68	54	42	0	NA	NA	NA	NA	NA
Department of Homeland Security	NA	536	966	1,593	922	799	92	583	471	593	335
Coast Guard	NA	20	10	23	23	15	20	26	21	21	21
Science and Technology Directorate	NA	377	775	1,556	895	783	73	557	451	573	314
Secret Service	NA	1	1	1	1	1	NA	NA	NA	NA	NA
Transportation Security Administration	NA	138	180	12	4	0	NA	NA	NA	NA	NA
Department of Housing and Urban Development	54	43	48	42	32	33	36	51	50	53	64
Department of the Interior	597	605	590	602	616	635	738	720	705	739	698
Bureau of Ocean Energy Management	27	27	27	28	26	32	37	42	45	39	31

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Bureau of Reclamation	9	11	13	9	9	9	13	10	11	10	10
Bureau of Safety and Environmental Enforcement	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	14
Geological Survey	550	552	546	561	574	586	674	661	640	673	636
National Park Service	10	14	4	4	8	9	14	8	9	5	7
Department of Justice	103	69	66	71	124	112	103	119	102	67	110
Bureau of Prisons	10	9	12	12	13	11	10	11	12	11	11
Federal Bureau of Investigation	43	34	33	34	71	26	15	30	18	8	30
Office of Justice Programs	51	25	20	25	40	75	78	78	73	49	69
Department of Labor	176	198	163	94	59	84	71	12	11	19	15
Bureau of Labor Statistics	21	22	23	23	24	24	0	NA	NA	NA	NA
Employee Benefits Security Administration	2	1	1	2	1	1	1	5	5	11	8
Employment and Training Administration	148	170	134	64	29	54	64	NA	NA	NA	NA
Occupational Safety and Health Administration	3	3	3	4	3	3	4	5	3	5	4
Office of the Secretary of Labor	2	*	*	*	*	0	NA	0	0	NA	NA
Pension Benefit Guaranty Corp.	1	1	2	2	2	2	2	3	3	3	3
Department of State	2	2	3	3	3	3	4	3	3	2	1
Department of Transportation	585	555	396	866	755	607	526	761	768	719	660
Federal Aviation Administration	244	248	226	290	264	201	180	239	211	224	198
Federal Highway Administration	230	238	74	400	340	260	215	352	320	311	281
Federal Motor Carrier Safety Administration	3	4	7	4	13	7	7	7	7	7	7
Federal Railroad Administration	27	32	22	58	35	38	40	44	41	44	41
Federal Transit Administration	4	4	4	7	4	7	7	22	42	26	11
National Highway Traffic Safety Administration	51	7	32	75	66	59	44	65	116	83	95
Office of the Secretary of Transportation	16	11	29	16	16	16	20	20	18	14	16
Pipeline and Hazardous Materials Safety Administration	na	10	2	15	16	13	4	8	10	8	7
Research and Innovative Technology Administration	na	0	1	2	2	7	9	4	4	3	5
Research and Special Programs Administration	11	na	na	na	na	na	na	na	na	na	na
Department of the Treasury	60	62	66	65	64	65	69	69	78	76	74
Bureau of Engraving and Printing	5	4	6	6	5	5	3	1	6	5	9
Internal Revenue Service	54	57	58	55	55	60	65	66	71	69	65
Mint	1	1	2	4	4	1	1	1	1	2	*
Department of Veterans Affairs	365	405	402	412	446	480	510	581	559	615	639
Other agencies											
Agency for Global Media	0	1	*	*	NA	NA	NA	NA	NA	NA	NA

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Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Agency for International Development	220	254	260	255	234	124	156	169	119	77	125
Appalachian Regional Commission	1	1	1	1	1	1	1	1	*	1	*
Consumer Product Safety Commission	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	1
Environmental Protection Agency	550	*	*	*	*	532	553	595	577	576	523
Federal Communications Commission	4	9	9	8	8	7	7	4	4	4	5
Federal Trade Commission	2	2	1	2	2	3	2	3	3	3	3
Library of Congress	3	1	6	7	12	1	1	1	1	1	1
National Aeronautics and Space Administration	7,124	7,166	6,959	6,197	5,919	6,000	5,739	7,316	6,145	10,427	11,265
National Archives and Records Administration	*	*	*	*	*	5	5	5	3	2	1
National Science Foundation	3,235	3,439	3,657	3,707	3,569	3,781	3,937	4,809	5,233	5,124	5,269
Nuclear Regulatory Commission	38	55	57	59	59	42	74	81	99	81	85
Patient-Centered Outcomes Research Trust Fund	na	na	na	na	na	na	na	na	9	41	74
Smithsonian Institution	98	103	104	113	142	140	151	164	192	195	204
Social Security Administration	37	30	35	68	68	54	68	63	53	65	57

\* = amount greater than \$0 but less than \$500,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data were not collected at that level for that fiscal year.

**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had outlays in variables represented by this table appear in the table. FYs 2009 and 2010 outlays include additional funding provided by the American Recovery and Reinvestment Act of 2009. See technical table A-2 for additional notes associated with the agencies listed in this table.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.